

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN032919\
 Data File : VN054764.D
 Acq On : 29 Mar 2019 12:12
 Operator : JC/SP
 Sample : VSTDIC150
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Manual Integrations
 APPROVED

MMDadoda
 4/1/2019 4:00:17 PM

Quant Time: Mar 30 00:34:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 30 00:11:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	502322	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	798636	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	699866	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	327304	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	910942	134.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	269.06%	
35) Dibromofluoromethane	7.59	113	734784	138.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	276.00%	
50) Toluene-d8	10.09	98	2803712	141.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	283.28%	
62) 4-Bromofluorobenzene	12.40	95	989932	150.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	673287	132.511	ug/l	100
3) Chloromethane	2.06	50	945000	134.511	ug/l	99
4) Vinyl Chloride	2.19	62	834417	132.259	ug/l	100
5) Bromomethane	2.55	94	478834	125.640	ug/l	99
6) Chloroethane	2.70	64	467146	132.603	ug/l	98
7) Trichlorofluoromethane	3.02	101	1027109	132.420	ug/l	100
8) Diethyl Ether	3.41	74	338744	135.629	ug/l	69
9) 1,1,2-Trichlorotrifluoroet	3.75	101	532297	138.825	ug/l	93
10) Methyl Iodide	3.94	142	838052	149.927	ug/l #	88
11) Tert butyl alcohol	4.81	59	259942	729.484	ug/l	99
12) 1,1-Dichloroethene	3.73	96	526325	133.295	ug/l #	74
13) Acrolein	3.61	56	247836	785.781	ug/l	97
14) Allyl chloride	4.32	41	1386591	143.909	ug/l #	90
15) Acrylonitrile	4.99	53	1409214	718.622	ug/l	100
16) Acetone	3.82	43	1043898	646.477	ug/l #	82
17) Carbon Disulfide	4.04	76	1881585	146.921	ug/l	99
18) Methyl Acetate	4.33	43	617403	132.396	ug/l #	88
19) Methyl tert-butyl Ether	5.05	73	1973444	142.879	ug/l	93
20) Methylene Chloride	4.54	84	756115	132.748	ug/l #	82
21) trans-1,2-Dichloroethene	5.04	96	714285	137.723	ug/l	85
22) Diisopropyl ether	5.96	45	2725806	141.703	ug/l #	92
23) Vinyl Acetate	5.90	43	10229060	782.547	ug/l #	92
24) 1,1-Dichloroethane	5.85	63	1425481	138.919	ug/l	98
25) 2-Butanone	6.84	43	1791113	750.390	ug/l #	88
26) 2,2-Dichloropropane	6.82	77	1052571	146.353	ug/l	97
27) cis-1,2-Dichloroethene	6.83	96	822490	140.383	ug/l	86
28) Bromochloromethane	7.19	49	719740	140.273	ug/l #	71
29) Tetrahydrofuran	7.22	42	1176337	708.616	ug/l #	83
30) Chloroform	7.37	83	1358349	138.826	ug/l	99
31) Cyclohexane	7.65	56	1356931	114.913	ug/l	85
32) 1,1,1-Trichloroethane	7.57	97	1166453	143.854	ug/l	96
36) 1,1-Dichloropropene	7.79	75	1081919	148.413	ug/l	95
37) Ethyl Acetate	6.94	43	788997	147.334	ug/l	95
38) Carbon Tetrachloride	7.77	117	1030799	142.613	ug/l	100

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Manual Integrations
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MMDadoda
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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	1206007	147.409	ug/l	89
40) Benzene	8.04	78	3104665	145.802	ug/l	99
41) Methacrylonitrile	7.18	41	462520	150.874	ug/l #	89
42) 1,2-Dichloroethane	8.12	62	1082728	142.406	ug/l	97
43) Isopropyl Acetate	8.17	43	1420660	160.215	ug/l #	94
44) Trichloroethene	8.83	130	798928	144.535	ug/l	92
45) 1,2-Dichloropropane	9.12	63	873248	143.823	ug/l	99
46) Dibromomethane	9.21	93	495193	144.981	ug/l	88
47) Bromodichloromethane	9.40	83	1086017	152.992	ug/l	98
48) Methyl methacrylate	9.20	41	737024	153.333	ug/l	87
49) 1,4-Dioxane	9.20	88	145700	3054.947	ug/l #	85
51) 4-Methyl-2-Pentanone	9.99	43	3864878	775.245	ug/l	93
52) Toluene	10.16	92	1878670	148.270	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	1148645	172.020	ug/l	99
54) cis-1,3-Dichloropropene	9.84	75	1314243	164.765	ug/l	92
55) 1,1,2-Trichloroethane	10.56	97	675970	143.476	ug/l	97
56) Ethyl methacrylate	10.43	69	1000522	161.887	ug/l #	84
57) 1,3-Dichloropropane	10.71	76	1211165	149.528	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	2061561	869.897	ug/l #	89
59) 2-Hexanone	10.75	43	2522793	790.489	ug/l	91
60) Dibromochloromethane	10.90	129	793254	166.213	ug/l	100
61) 1,2-Dibromoethane	11.01	107	691097	153.494	ug/l	98
64) Tetrachloroethene	10.63	164	725348	135.060	ug/l	96
65) Chlorobenzene	11.43	112	2001937	146.099	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.51	131	766502	149.449	ug/l	100
67) Ethyl Benzene	11.51	91	3666362	148.274	ug/l	98
68) m/p-Xylenes	11.62	106	2709100	296.057	ug/l	95
69) o-Xylene	11.95	106	1304551	145.386	ug/l	95
70) Styrene	11.96	104	2249991	156.826	ug/l	97
71) Bromoform	12.13	173	515011	171.403	ug/l #	99
73) Isopropylbenzene	12.25	105	3463843	129.477	ug/l	98
74) N-amyl acetate	12.07	43	1193485	143.198	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.50	83	853308	128.435	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	765598m	139.296	ug/l	
77) Bromobenzene	12.53	156	875297	135.567	ug/l	84
78) n-propylbenzene	12.59	91	3971112	135.054	ug/l	96
79) 2-Chlorotoluene	12.67	91	2379064	130.781	ug/l	95
80) 1,3,5-Trimethylbenzene	12.73	105	2923844	133.197	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	242720	166.042	ug/l	91
82) 4-Chlorotoluene	12.77	91	2445583	138.411	ug/l	95
83) tert-Butylbenzene	12.99	119	2457906	128.041	ug/l	96
84) 1,2,4-Trimethylbenzene	13.04	105	2908121	139.058	ug/l	98
85) sec-Butylbenzene	13.17	105	3179392	133.331	ug/l	97
86) p-Isopropyltoluene	13.29	119	2892874	137.547	ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	1512964	139.960	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	1476163	139.230	ug/l	98
89) n-Butylbenzene	13.62	91	2514144	146.515	ug/l	98
90) Hexachloroethane	13.88	117	523878	146.708	ug/l	88
91) 1,2-Dichlorobenzene	13.65	146	1443375	132.302	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	137726	150.593	ug/l	84

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VSTDICC150

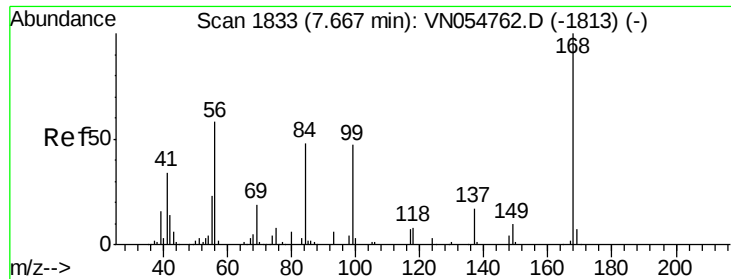
Manual Integrations
APPROVED

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4/1/2019 4:00:17 PM

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	861556	163.806	ug/l	98
94) Hexachlorobutadiene	15.01	225	450987	127.118	ug/l	100
95) Naphthalene	15.13	128	1967193	166.763	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	814575	153.352	ug/l	99

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.66 min Scan# 1832

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:168 Resp: 502322

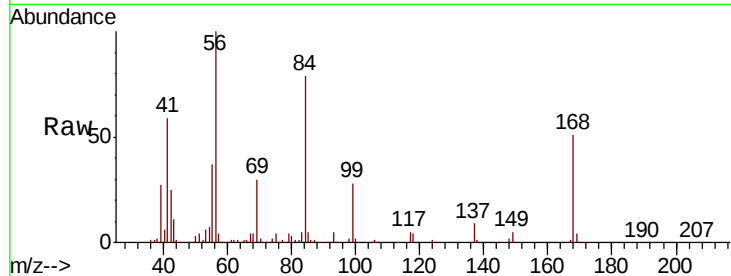
Ion Ratio Lower Upper

168 100

99 55.4 37.1 55.7

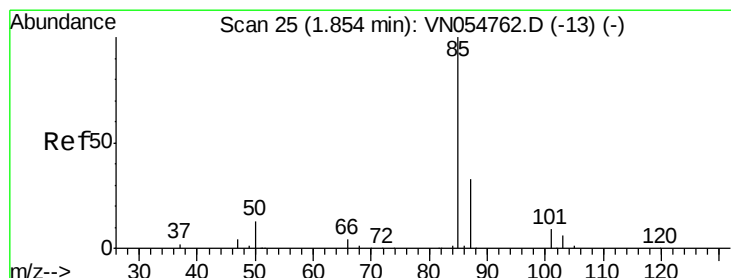
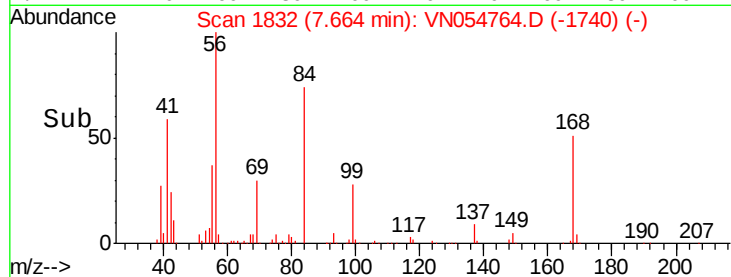
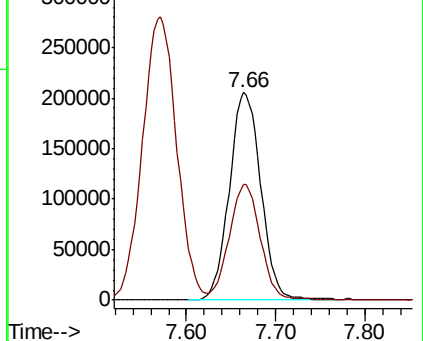
Manual Integrations
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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 132.511 ug/l

RT: 1.85 min Scan# 24

Delta R.T. -0.00 min

Lab File: VN054764.D

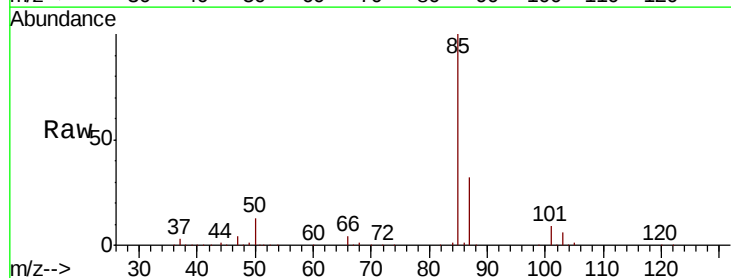
Acq: 29 Mar 2019 12:12

Tgt Ion: 85 Resp: 673287

Ion Ratio Lower Upper

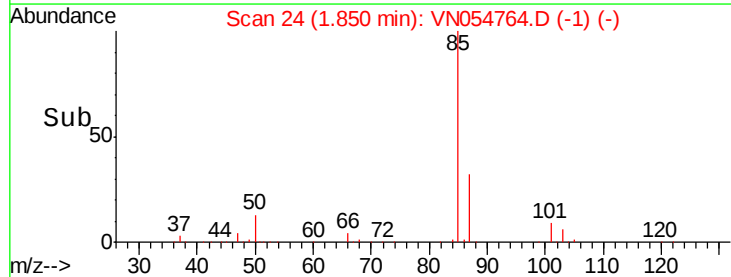
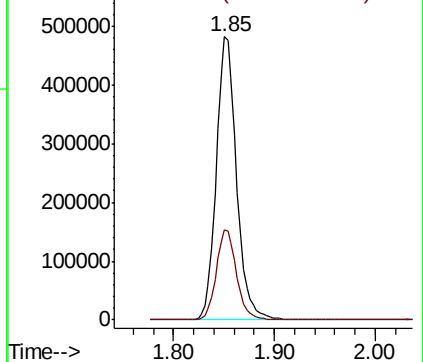
85 100

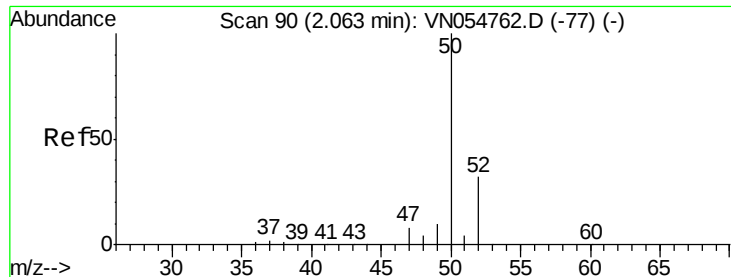
87 32.0 15.9 47.7



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 134.511 ug/l

RT: 2.06 min Scan# 89

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 50 Resp: 945000

Ion Ratio Lower Upper

50 100

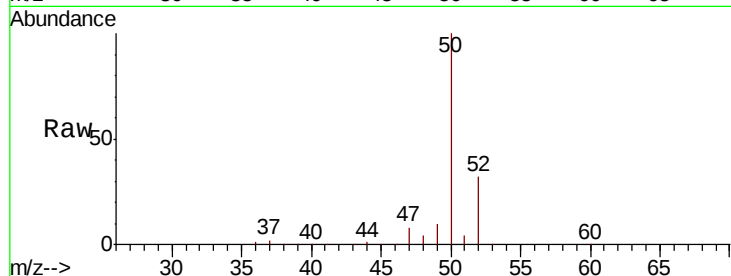
52 32.3 26.4 39.6

Manual Integrations

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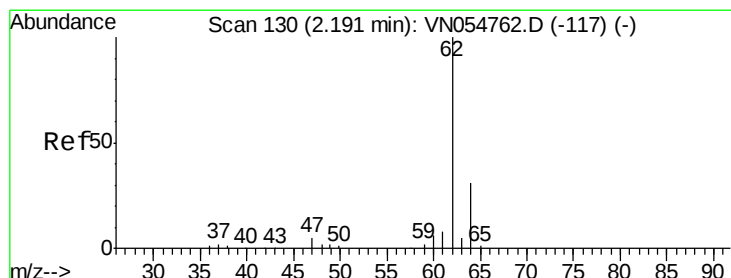
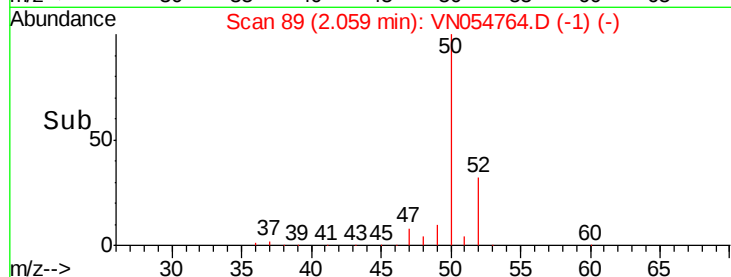
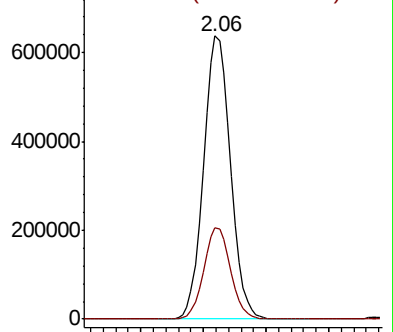
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Abundance Ion 49.90 (49.60 to 50.60): VNO

Ion 51.90 (51.60 to 52.60): VNO



#4

Vinyl Chloride

Concen: 132.259 ug/l

RT: 2.19 min Scan# 129

Delta R.T. -0.00 min

Lab File: VN054764.D

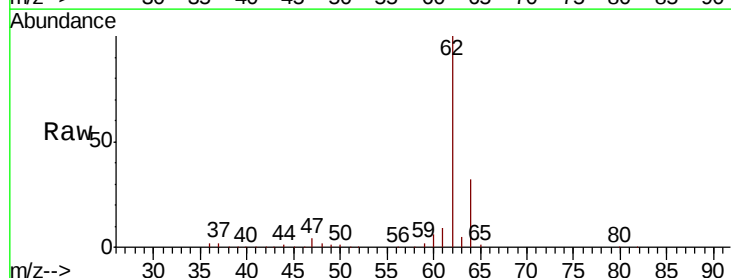
Acq: 29 Mar 2019 12:12

Tgt Ion: 62 Resp: 834417

Ion Ratio Lower Upper

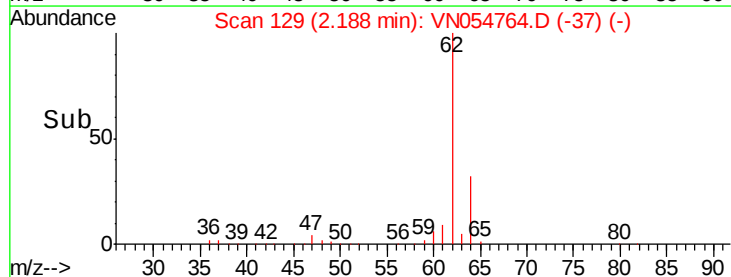
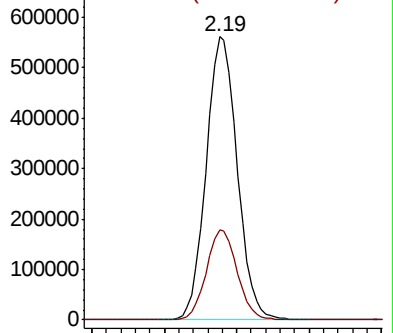
62 100

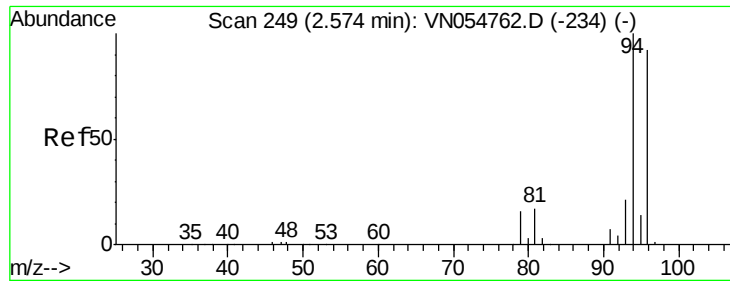
64 31.7 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO





#5

Bromomethane

Concen: 125.640 ug/l

RT: 2.55 min Scan# 243

Delta R.T. -0.02 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 94 Resp: 478834

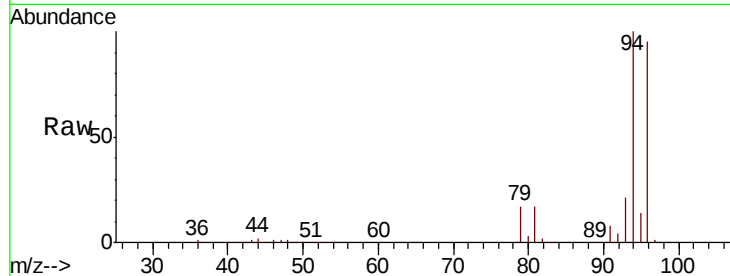
Ion Ratio Lower Upper

94 100

96 95.1 77.0 115.4

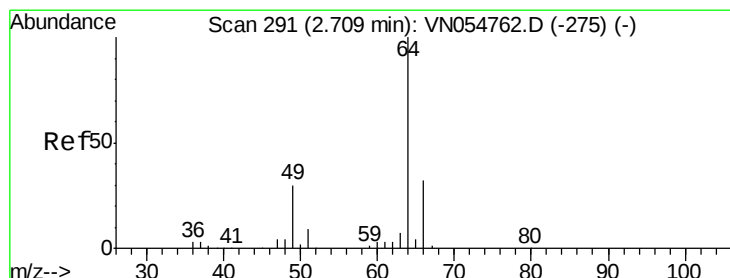
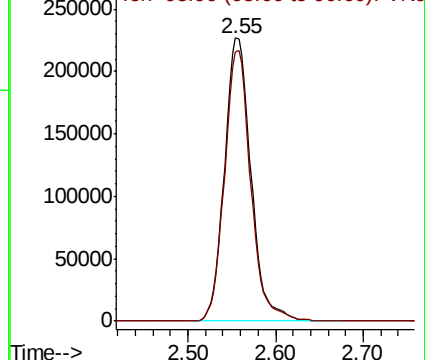
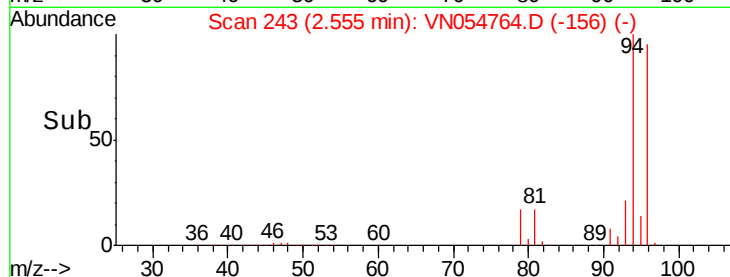
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Abundance Ion 93.90 (93.60 to 94.60): VN054764.D (-156) (-)

Ion 95.90 (95.60 to 96.60): VN054764.D (-156) (-)



#6

Chloroethane

Concen: 132.603 ug/l

RT: 2.70 min Scan# 289

Delta R.T. -0.01 min

Lab File: VN054764.D

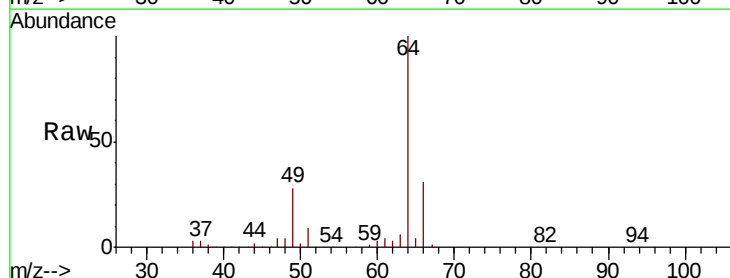
Acq: 29 Mar 2019 12:12

Tgt Ion: 64 Resp: 467146

Ion Ratio Lower Upper

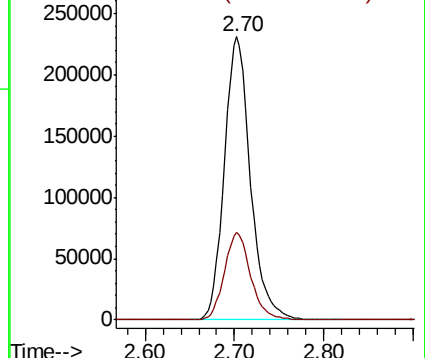
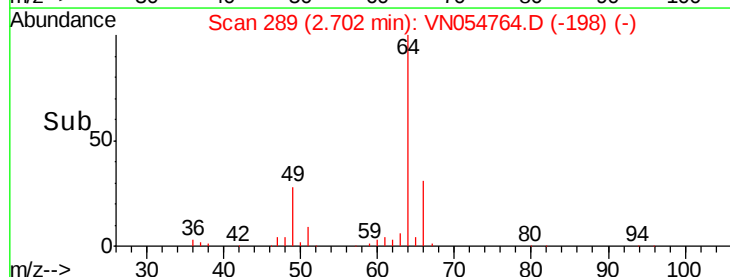
64 100

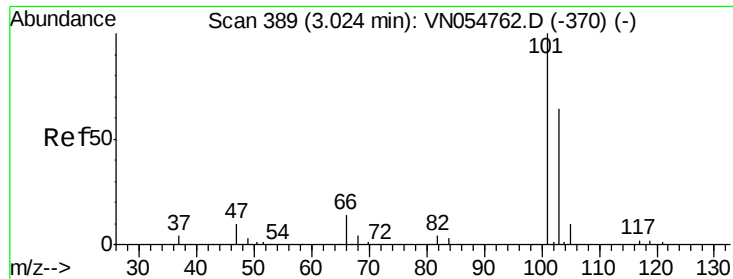
66 30.8 25.7 38.5



Abundance Ion 63.90 (63.60 to 64.60): VN054764.D (-198) (-)

Ion 65.90 (65.60 to 66.60): VN054764.D (-198) (-)





#7

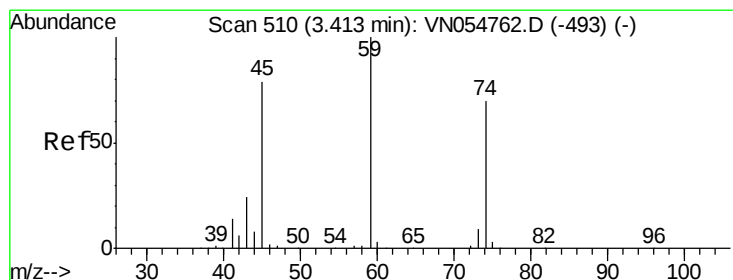
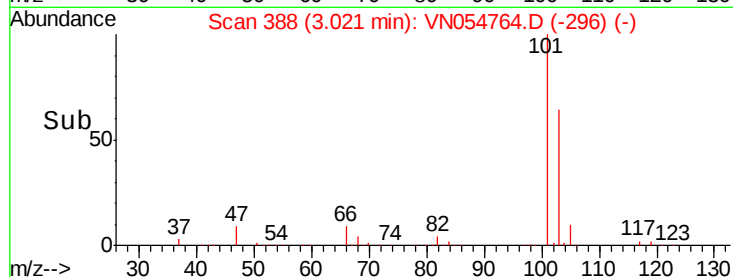
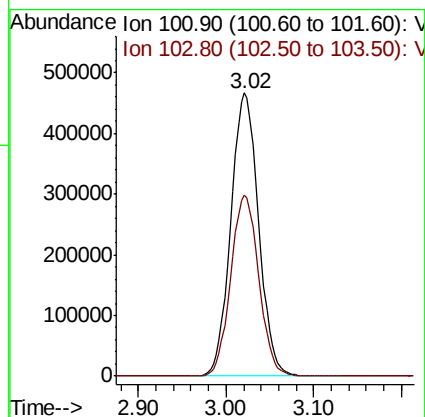
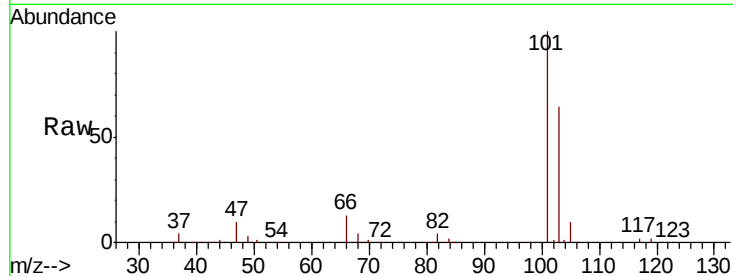
Trichlorofluoromethane
Concen: 132.420 ug/l
RT: 3.02 min Scan# 388
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
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VSTDIC150

Tot Ion:101 Resp: 1027109
Ion Ratio Lower Upper
101 100
103 64.0 51.4 77.2

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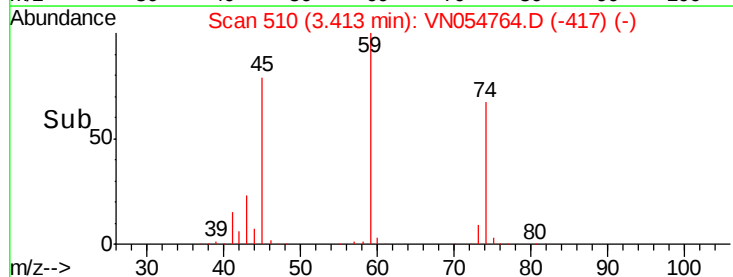
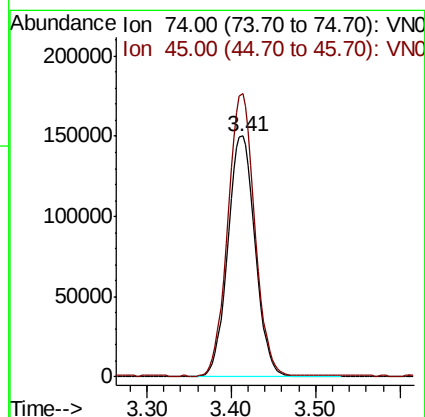
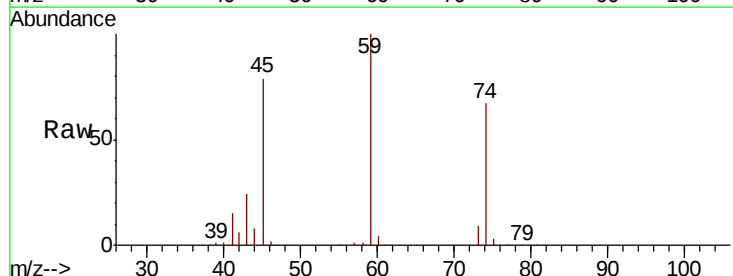
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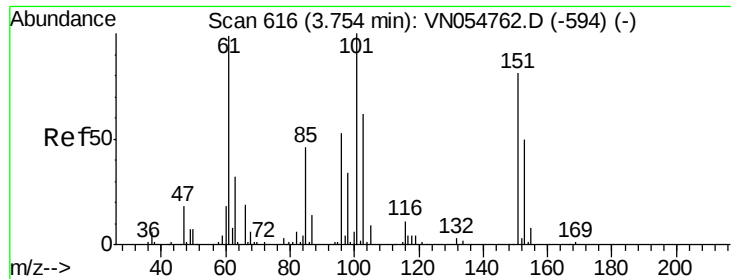


#8

Diethyl Ether
Concen: 135.629 ug/l
RT: 3.41 min Scan# 510
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion: 74 Resp: 338744
Ion Ratio Lower Upper
74 100
45 115.0 43.1 129.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 138.825 ug/l

RT: 3.75 min Scan# 615

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

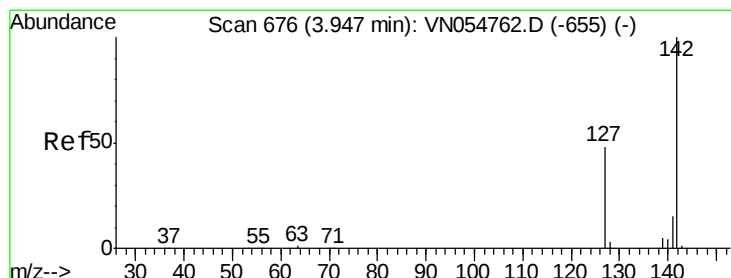
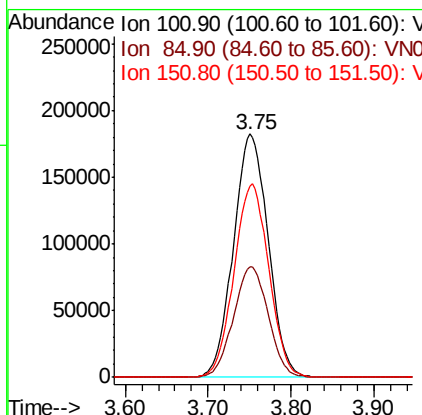
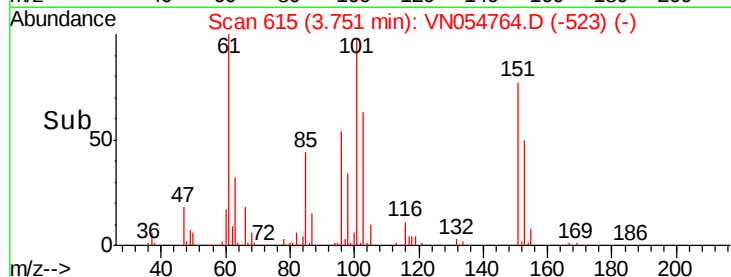
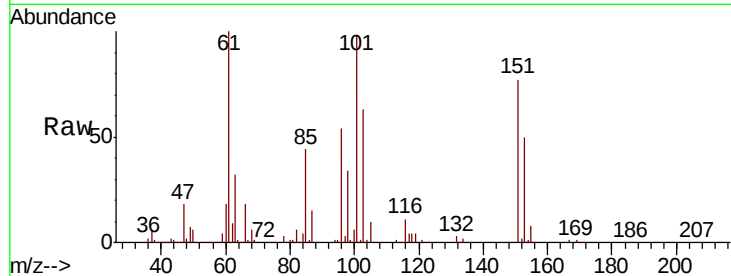
ClientSampleId :

VSTDIC150

Tot Ion:	101	Resp:	532297
Ion Ratio	Lower	Upper	
101	100		
85	45.5	32.4	48.6
151	79.7	68.2	102.2

Manual Integrations
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MMDadoda
4/1/2019 4:00:17 PM



#10

Methyl Iodide

Concen: 149.927 ug/l

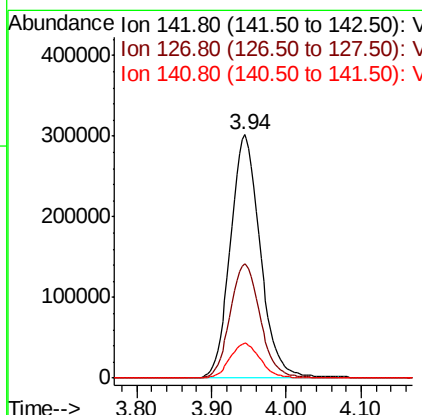
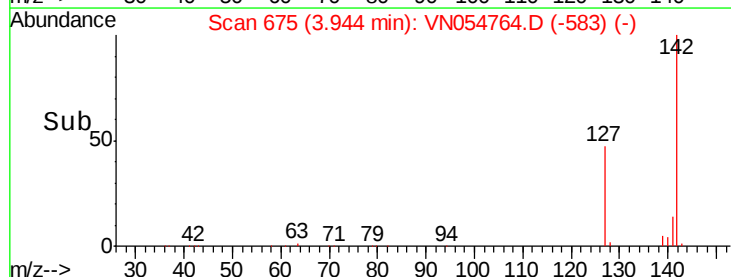
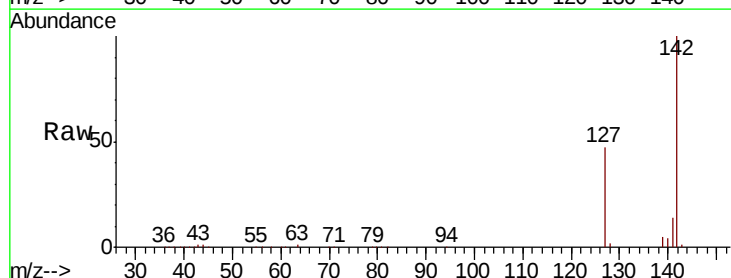
RT: 3.94 min Scan# 675

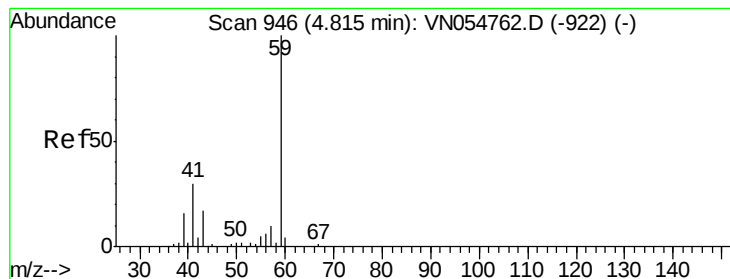
Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Tgt Ion:	142	Resp:	838052
Ion Ratio	Lower	Upper	
142	100		
127	47.6	30.3	45.5#
141	14.6	11.2	16.8





#11

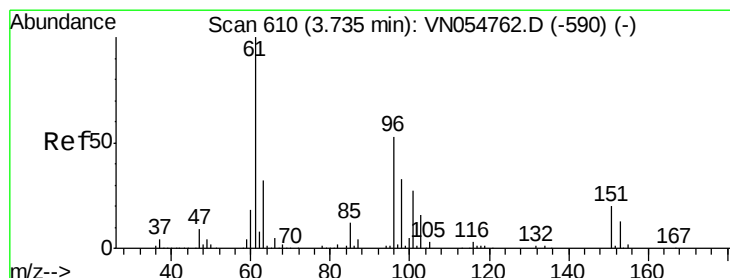
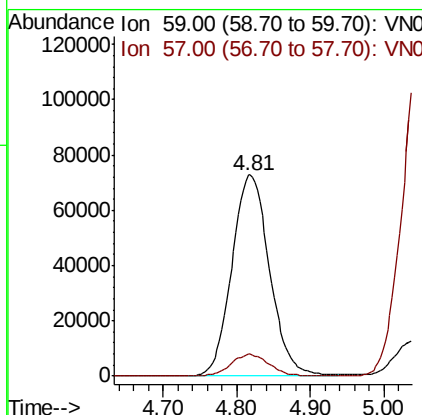
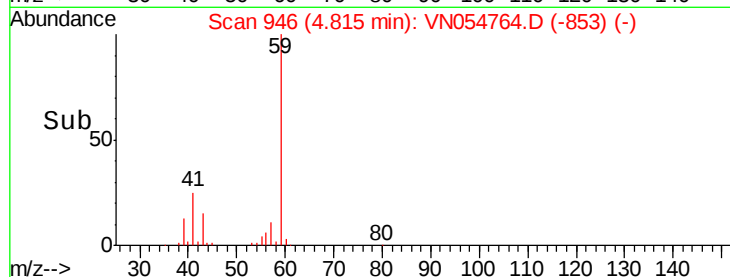
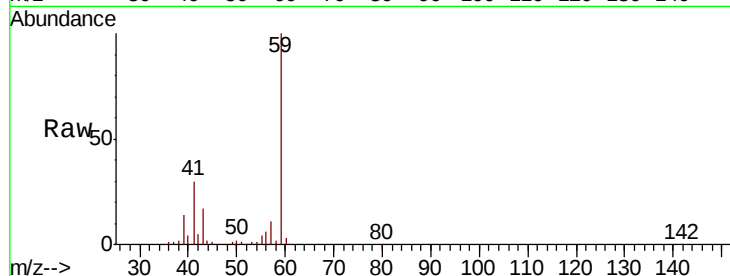
Tert butyl alcohol
Concen: 729.484 ug/l
RT: 4.81 min Scan# 946
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
59	100		
57	10.9	9.0	13.6

Manual Integrations
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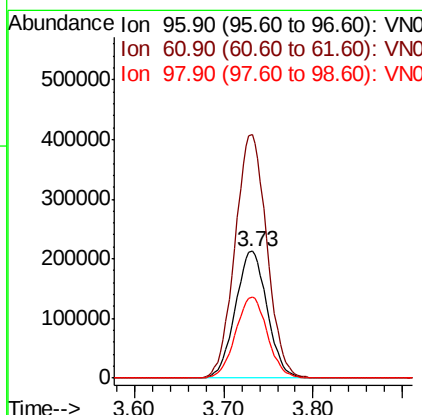
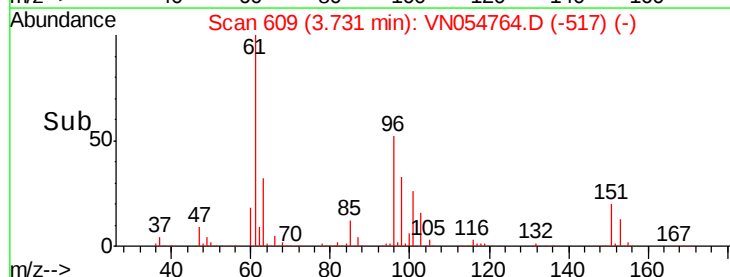
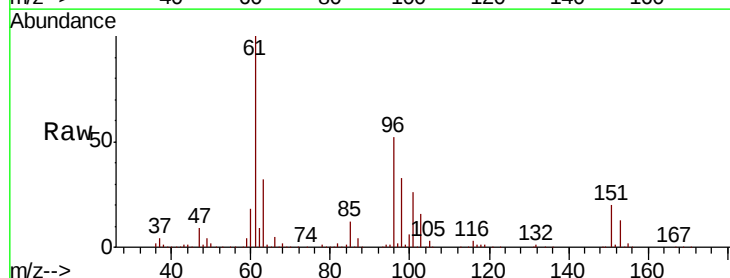
MMDadoda
4/1/2019 4:00:17 PM

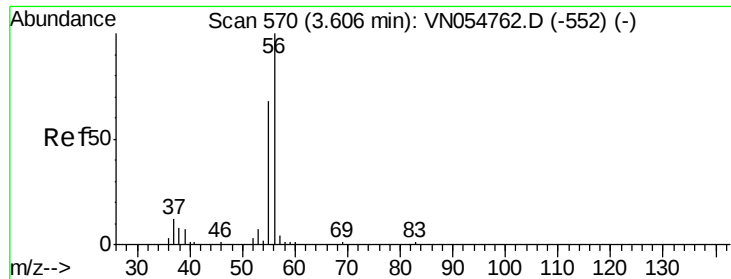


#12

1,1-Dichloroethene
Concen: 133.295 ug/l
RT: 3.73 min Scan# 609
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion	Ratio	Lower	Upper
96	100		
61	191.9	116.5	174.7#
98	64.2	51.0	76.4





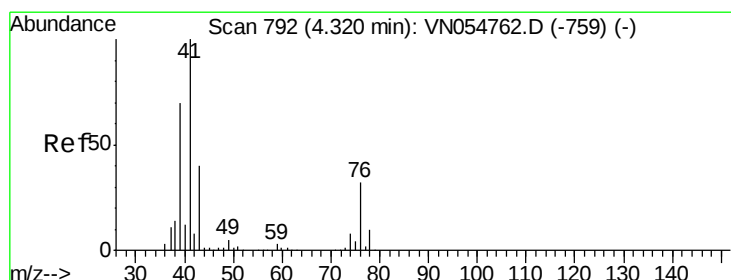
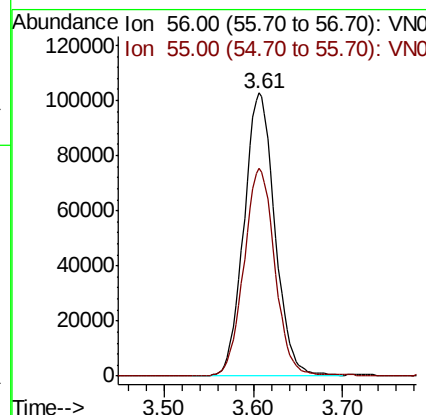
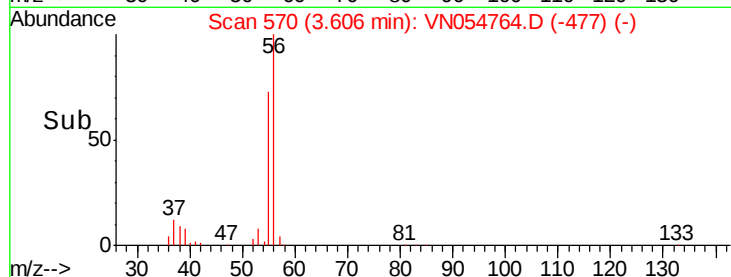
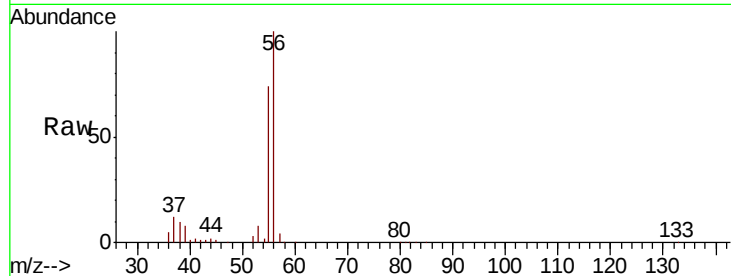
#13
Acrolein
Concen: 785.781 ug/l
RT: 3.61 min Scan# 570
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC150

Tot Ion	56	55	Ratio	Lower	Upper
247836	100	73.2		56.7	85.1

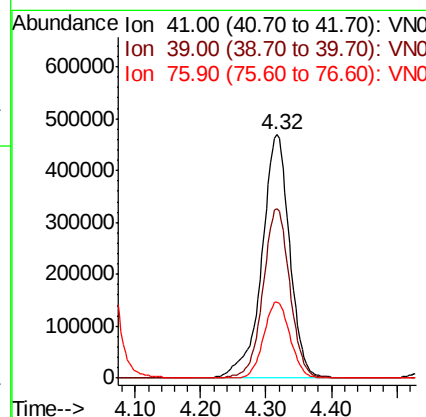
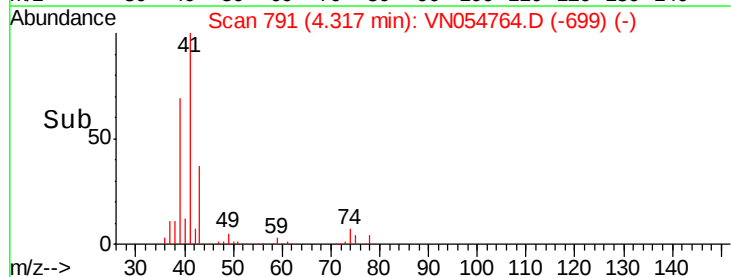
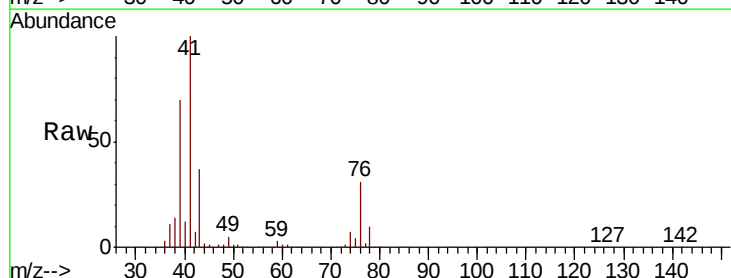
Manual Integrations
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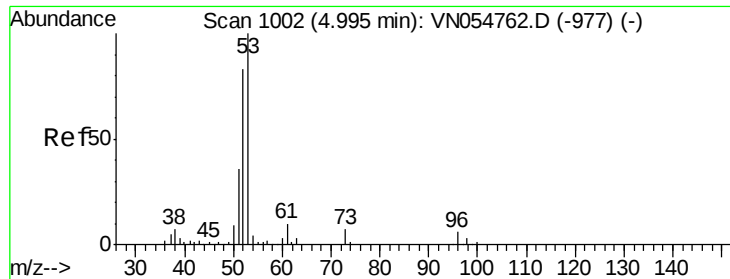
MMDadoda
4/1/2019 4:00:17 PM



#14
Allyl chloride
Concen: 143.909 ug/l
RT: 4.32 min Scan# 791
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion	41	39	76	Ratio	Lower	Upper
1386591	100	67.1	29.5		58.2	87.4





#15

Acrylonitrile

Concen: 718.622 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 53 Resp: 1409214

Ion Ratio Lower Upper

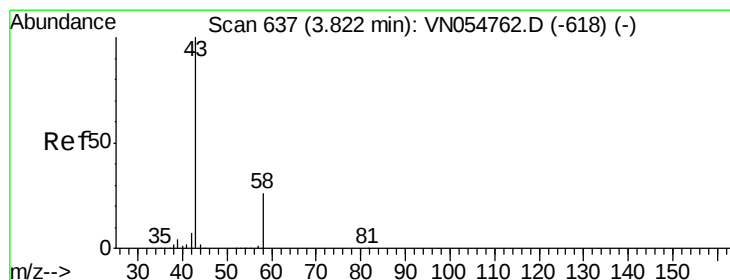
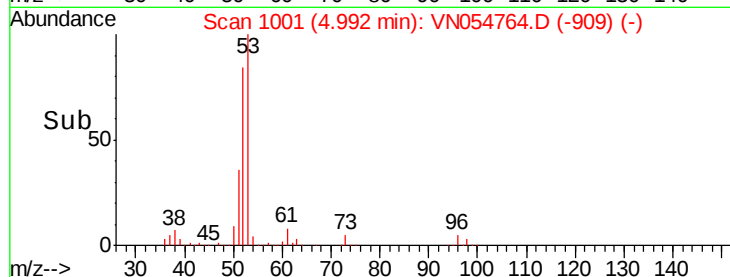
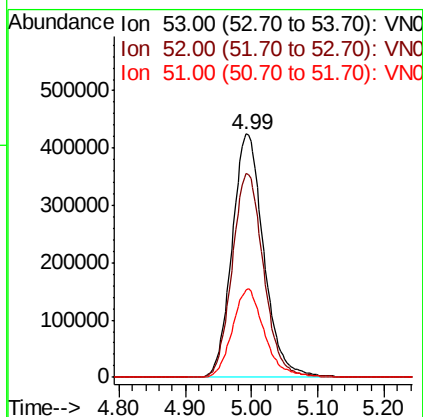
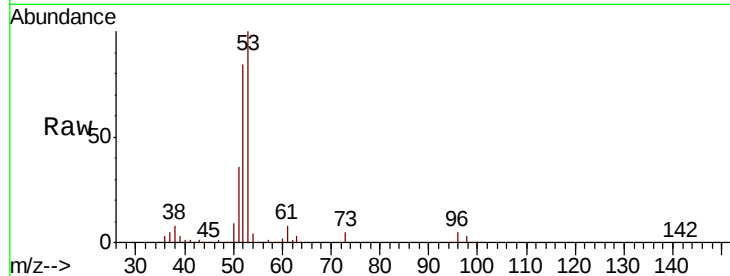
53 100

52 83.3 66.4 99.6

51 36.9 29.6 44.4

Manual Integrations
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4/1/2019 4:00:17 PM



#16

Acetone

Concen: 646.477 ug/l

RT: 3.82 min Scan# 637

Delta R.T. -0.00 min

Lab File: VN054764.D

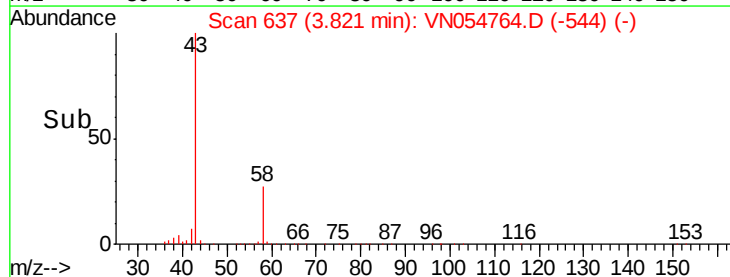
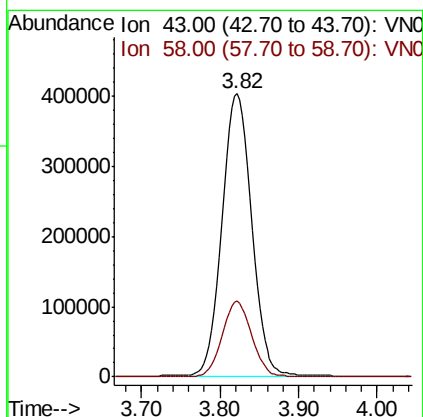
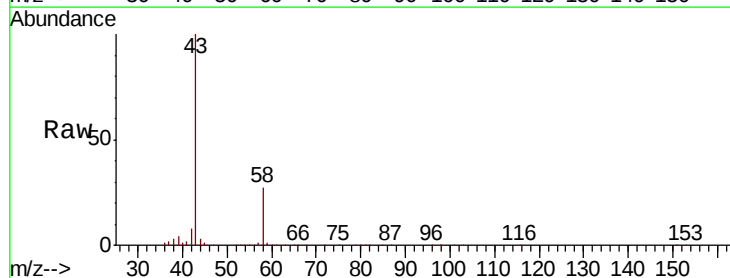
Acq: 29 Mar 2019 12:12

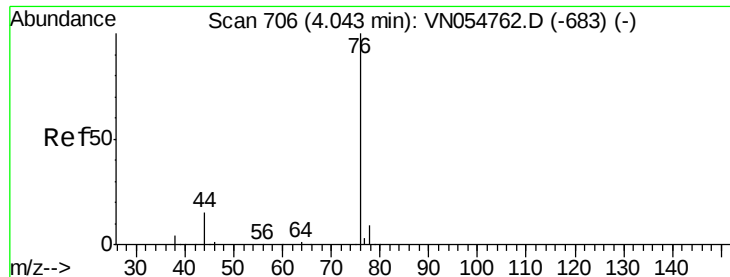
Tgt Ion: 43 Resp: 1043898

Ion Ratio Lower Upper

43 100

58 26.8 29.9 44.9#





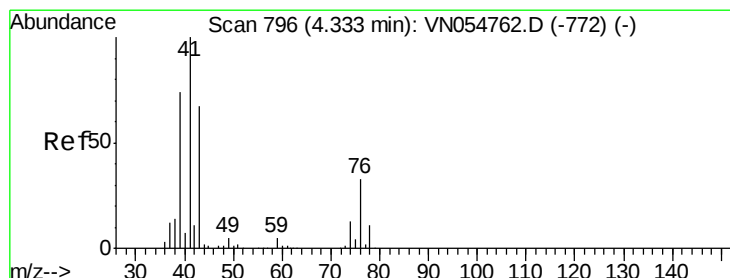
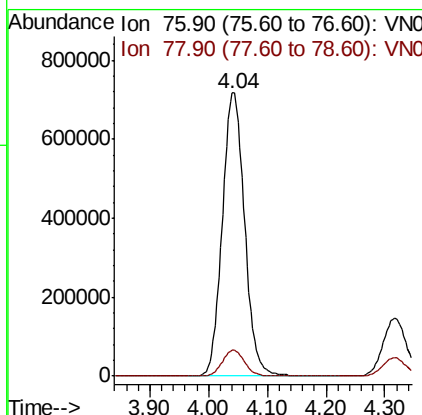
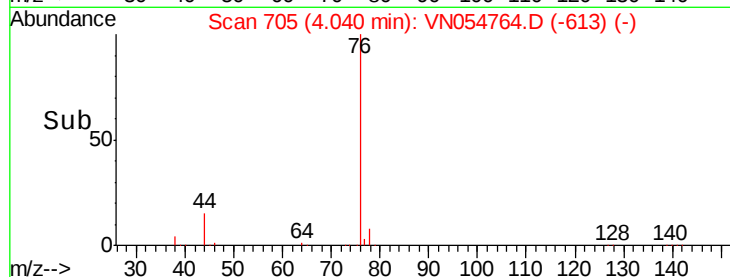
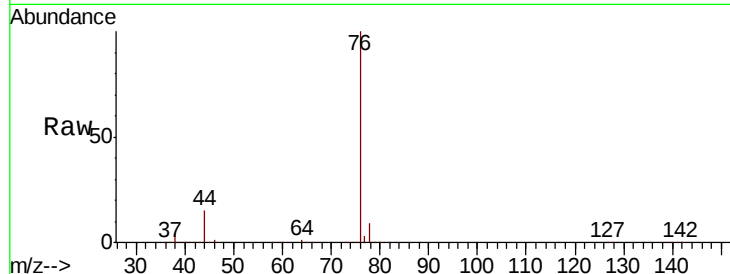
#17
Carbon Disulfide
Concen: 146.921 ug/l
RT: 4.04 min Scan# 705
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 76 Resp: 1881585
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3

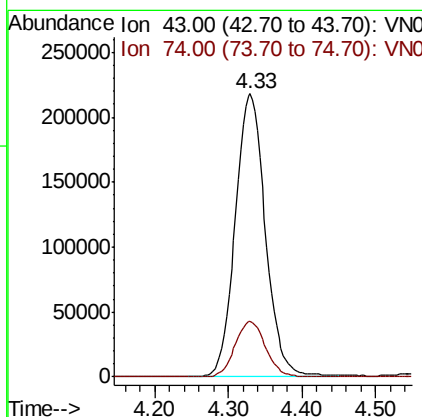
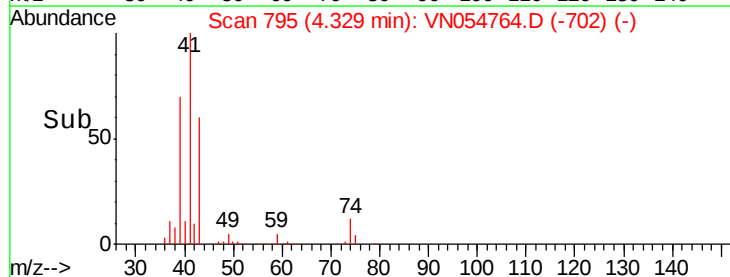
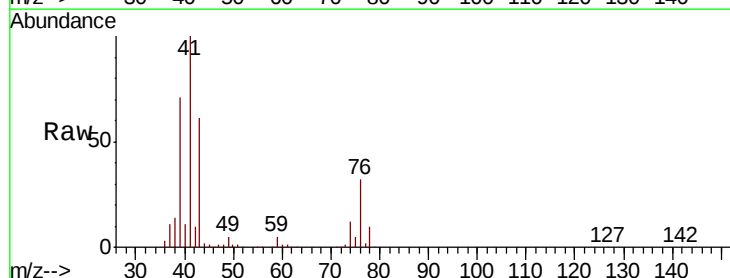
Manual Integrations
APPROVED

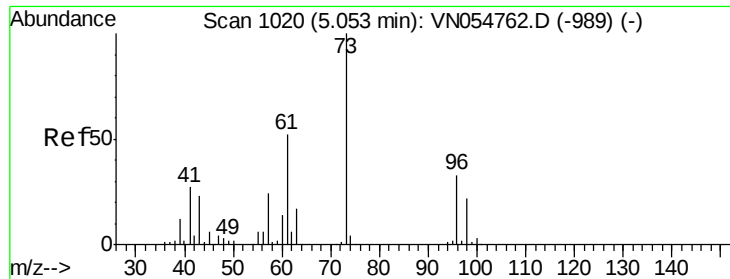
MMDadoda
4/1/2019 4:00:17 PM



#18
Methyl Acetate
Concen: 132.396 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion: 43 Resp: 617403
Ion Ratio Lower Upper
43 100
74 20.0 20.8 31.2#





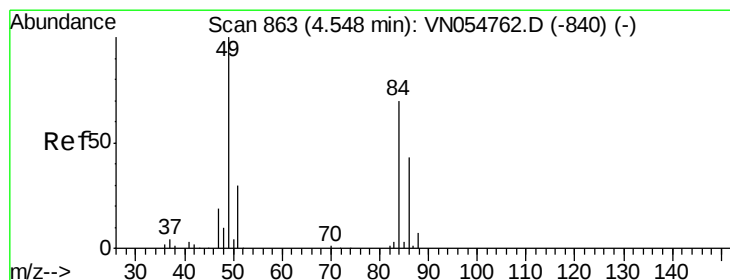
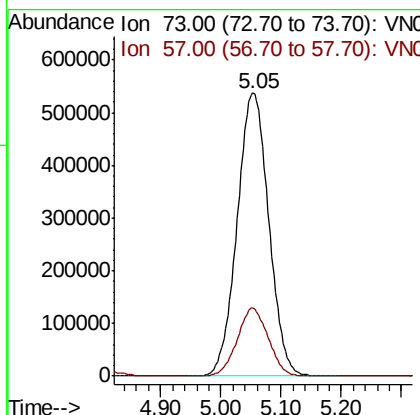
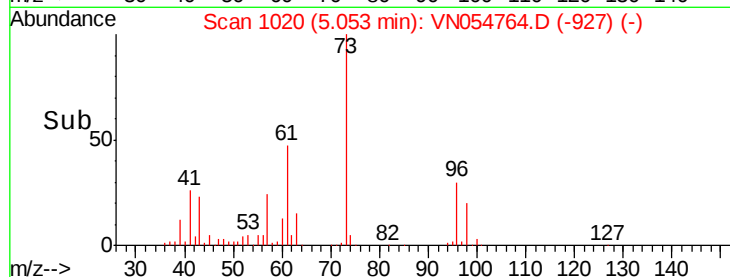
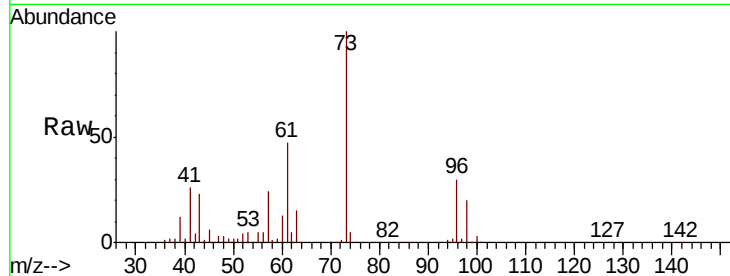
#19
Methyl tert-butyl Ether
Concen: 142.879 ug/l
RT: 5.05 min Scan# 1020
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 73 Resp: 1973444
Ion Ratio Lower Upper
73 100
57 24.1 16.8 25.2

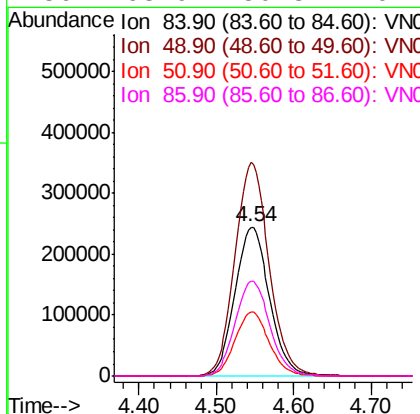
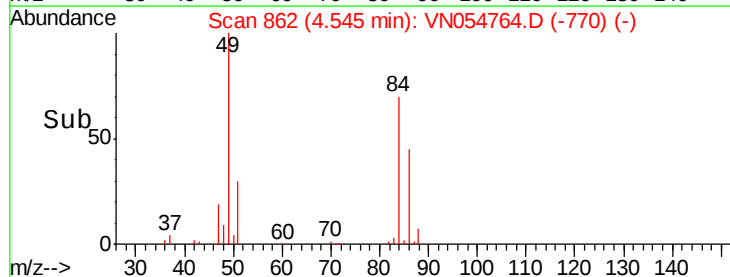
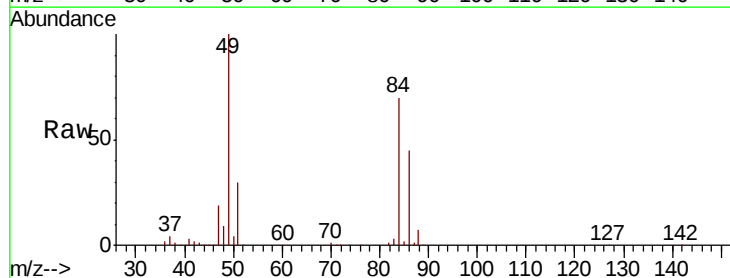
Manual Integrations
APPROVED

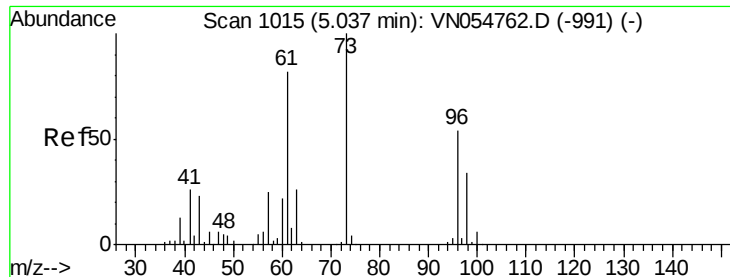
MMDadoda
4/1/2019 4:00:17 PM



#20
Methylene Chloride
Concen: 132.748 ug/l
RT: 4.54 min Scan# 862
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion: 84 Resp: 756115
Ion Ratio Lower Upper
84 100
49 143.3 89.7 134.5#
51 43.1 28.2 42.4#
86 63.9 50.8 76.2





#21

trans-1,2-Dichloroethene

Concen: 137.723 ug/l

RT: 5.04 min Scan# 1015

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 96 Resp: 714285

Ion Ratio Lower Upper

96 100

61 152.8 102.8 154.2

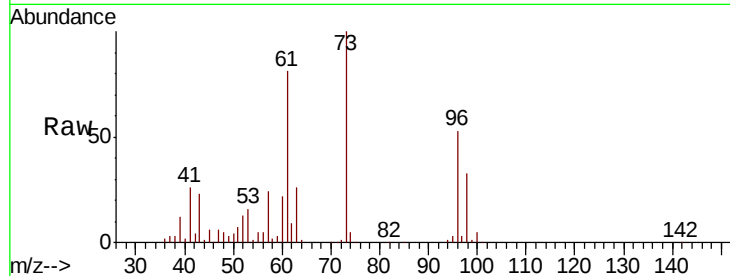
98 63.4 50.0 75.0

Manual Integrations

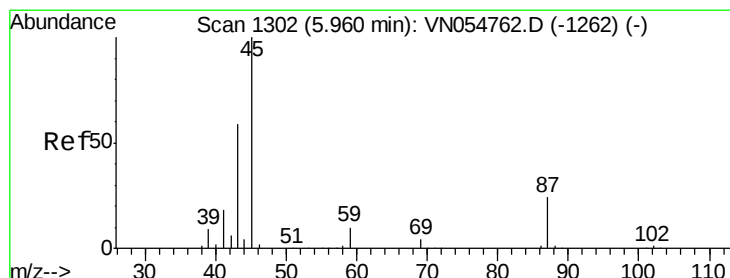
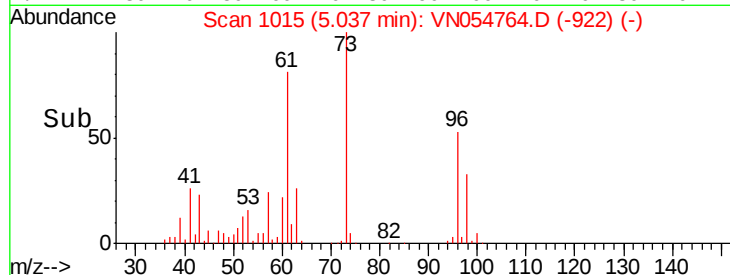
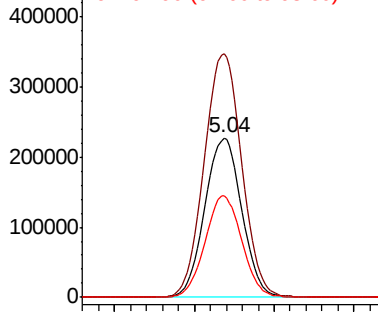
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4/1/2019 4:00:17 PM



Abundance Ion 95.90 (95.60 to 96.60): VNC
Ion 60.90 (60.60 to 61.60): VNC
Ion 97.90 (97.60 to 98.60): VNC



#22

Diisopropyl ether

Concen: 141.703 ug/l

RT: 5.96 min Scan# 1302

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Tgt Ion: 45 Resp: 2725806

Ion Ratio Lower Upper

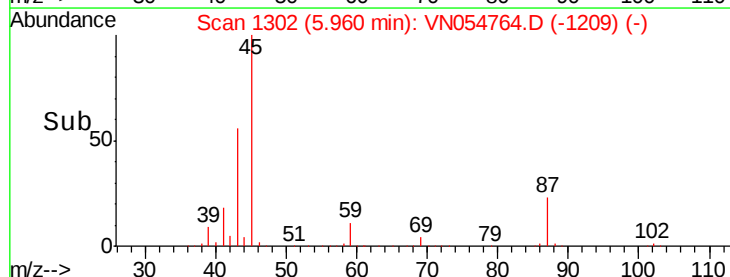
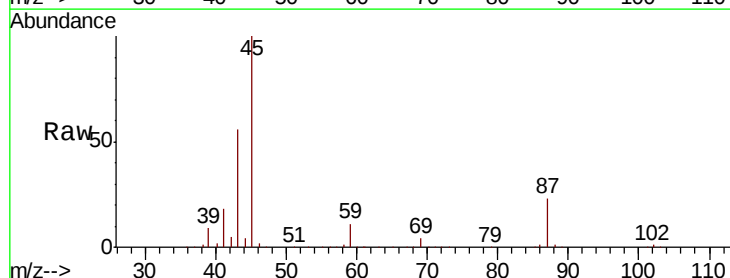
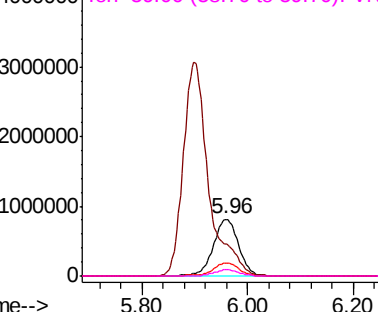
45 100

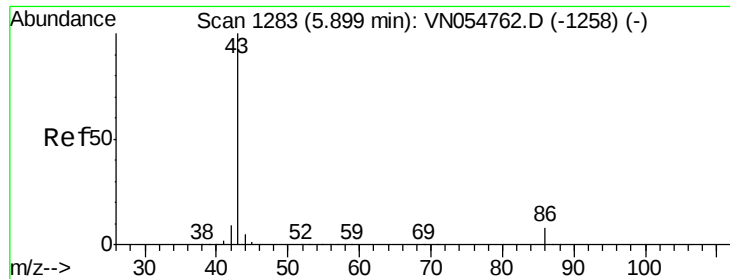
43 55.7 48.2 72.2

87 23.3 24.9 37.3#

59 10.7 9.5 14.3

Abundance Ion 45.00 (44.70 to 45.70): VNC
Ion 43.00 (42.70 to 43.70): VNC
Ion 87.00 (86.70 to 87.70): VNC
Ion 59.00 (58.70 to 59.70): VNC





#23

Vinyl Acetate

Concen: 782.547 ug/l

RT: 5.90 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp:10229060

Ion Ratio Lower Upper

43 100

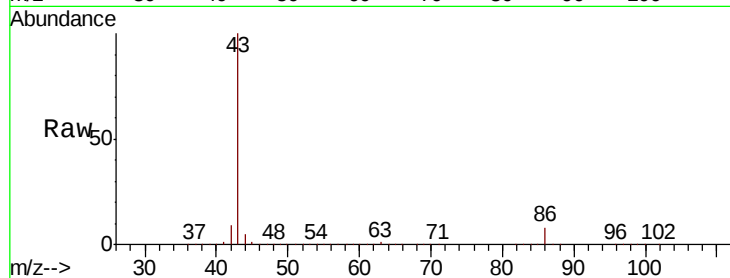
86 8.3 9.1 13.7#

Manual Integrations

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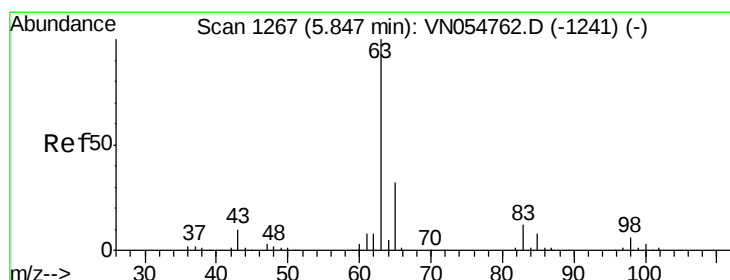
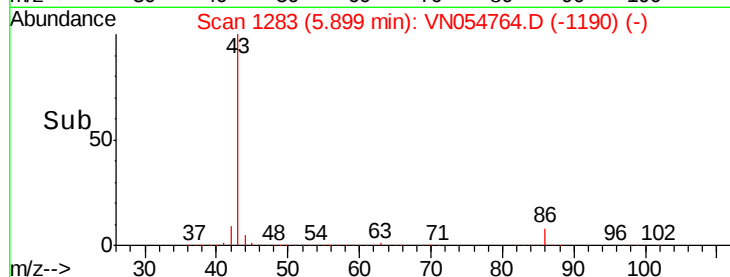
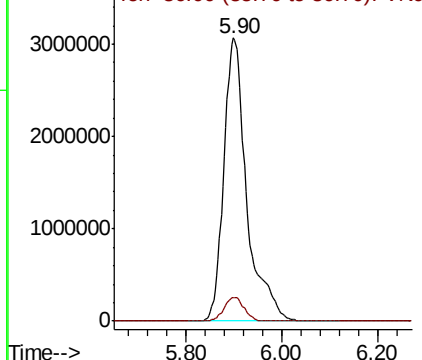
MMDadoda

4/1/2019 4:00:17 PM



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0



#24

1,1-Dichloroethane

Concen: 138.919 ug/l

RT: 5.85 min Scan# 1267

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

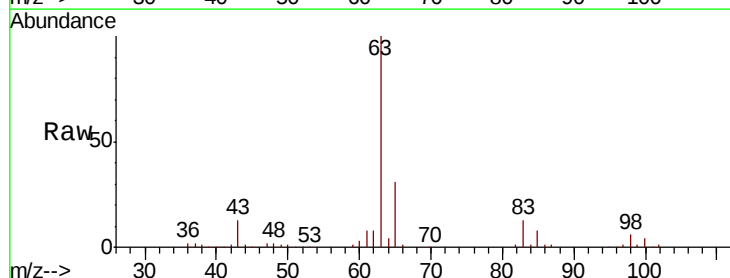
Tgt Ion: 63 Resp: 1425481

Ion Ratio Lower Upper

63 100

98 5.9 3.5 10.5

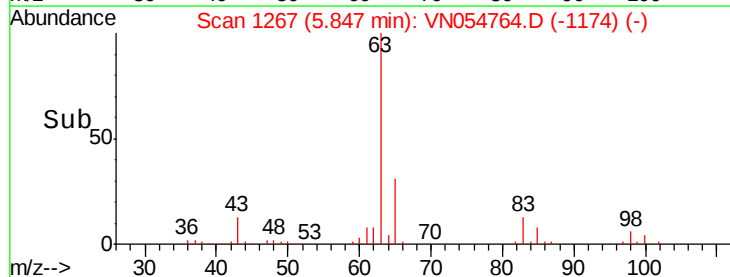
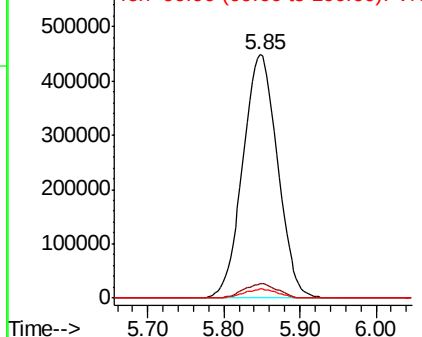
100 3.7 2.0 6.0

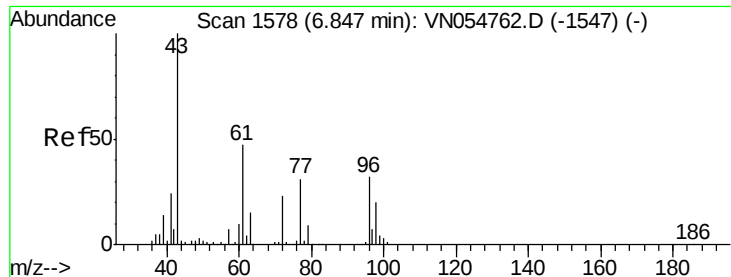


Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0





#25

2-Butanone

Concen: 750.390 ug/l

RT: 6.84 min Scan# 1577

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1791113

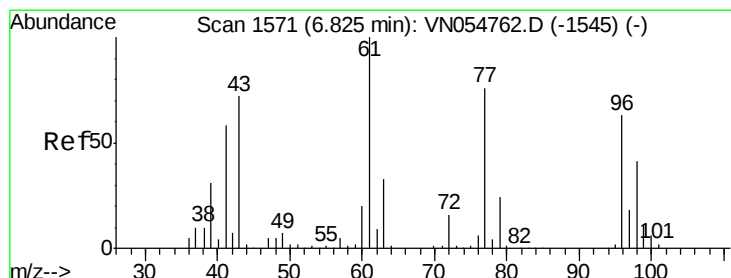
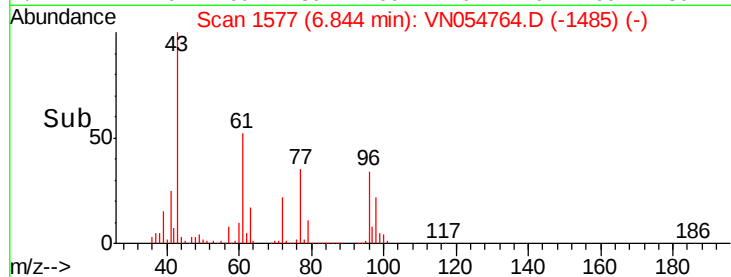
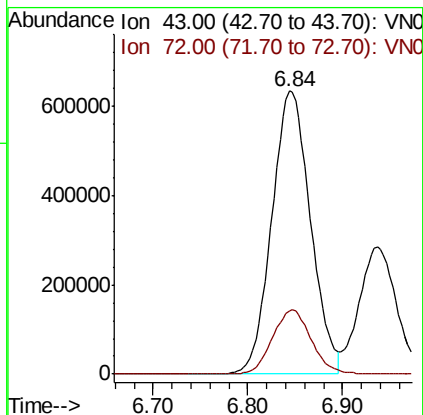
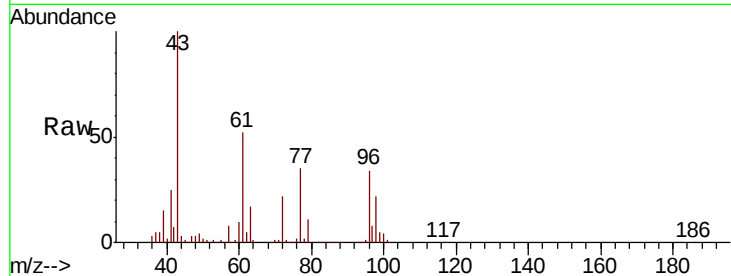
Ion Ratio Lower Upper

43 100

72 22.5 23.0 34.6#

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#26

2,2-Dichloropropane

Concen: 146.353 ug/l

RT: 6.82 min Scan# 1571

Delta R.T. -0.00 min

Lab File: VN054764.D

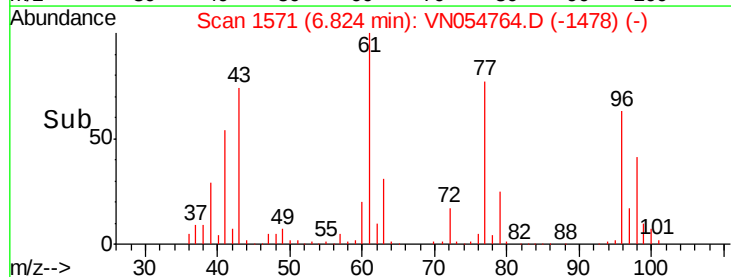
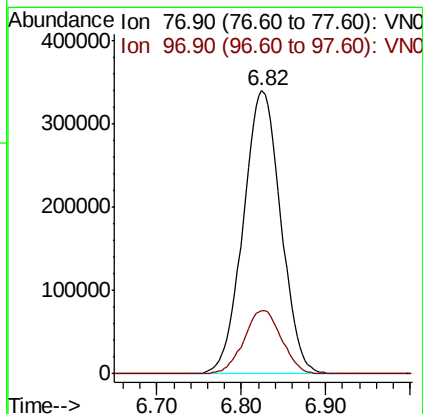
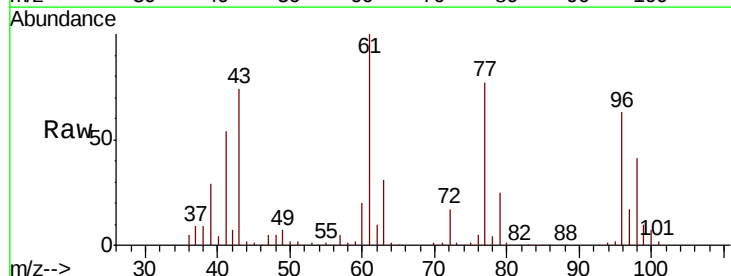
Acq: 29 Mar 2019 12:12

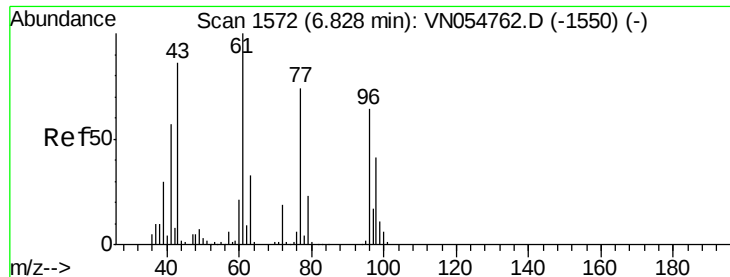
Tgt Ion: 77 Resp: 1052571

Ion Ratio Lower Upper

77 100

97 22.5 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 140.383 ug/l

RT: 6.83 min Scan# 1572

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

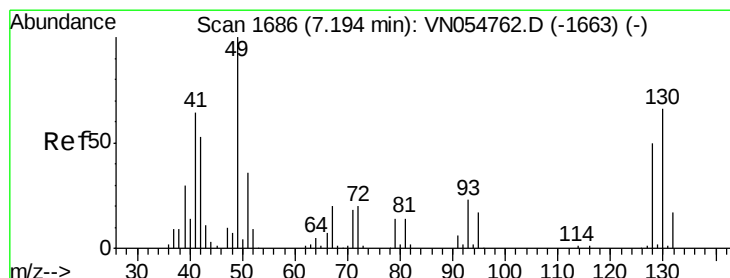
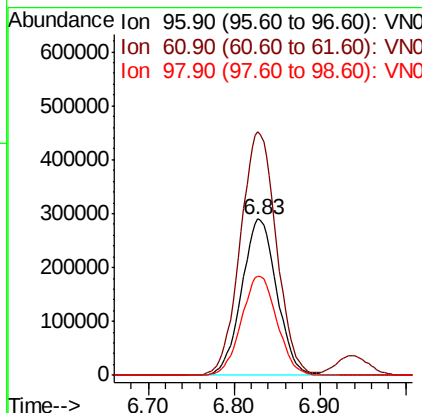
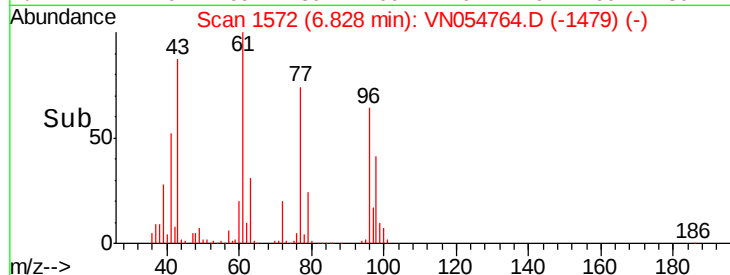
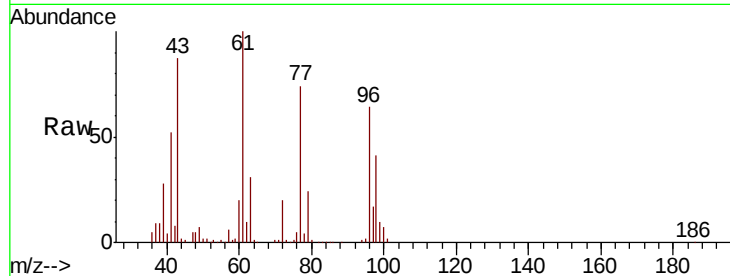
ClientSampleId :

VSTDIC150

Tot Ion:	96	Resp:	822490
Ion	Ratio	Lower	Upper
96	100		
61	159.9	0.0	273.0
98	64.4	0.0	130.6

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#28

Bromochloromethane

Concen: 140.273 ug/l

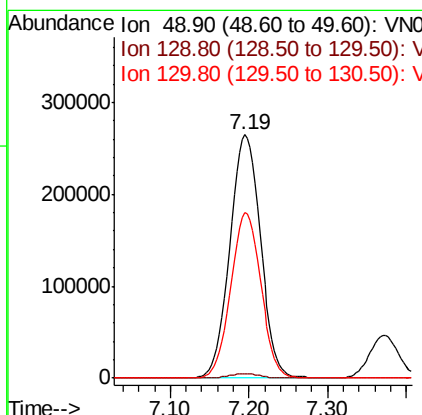
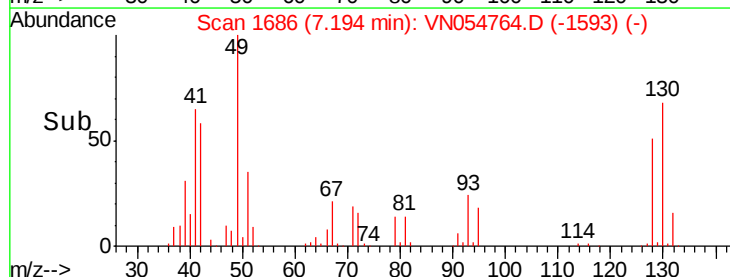
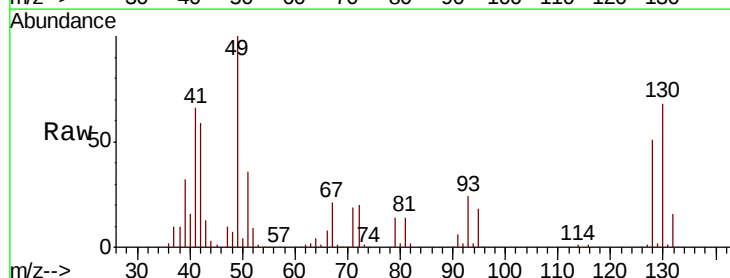
RT: 7.19 min Scan# 1686

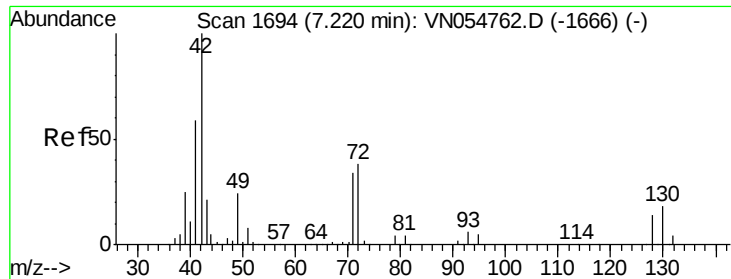
Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Tgt Ion:	49	Resp:	719740
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.6
130	66.9	76.7	115.1#





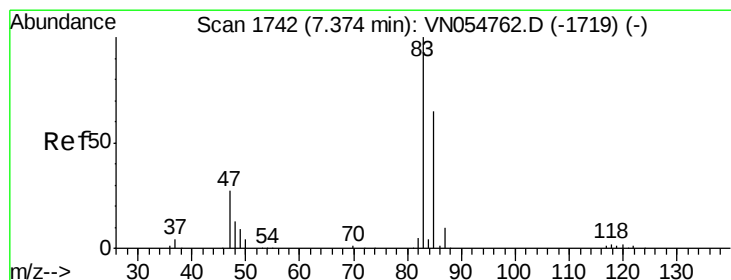
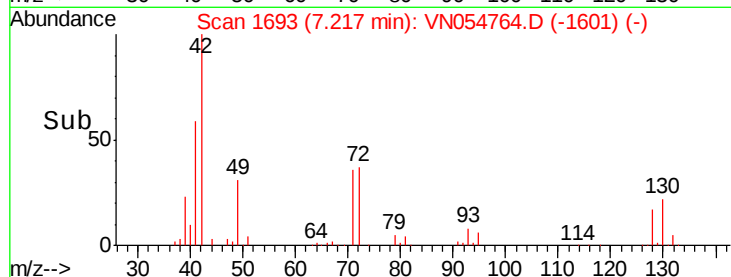
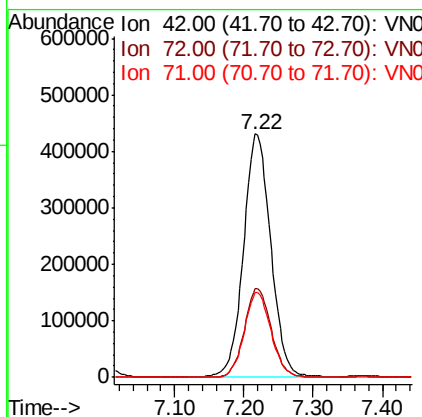
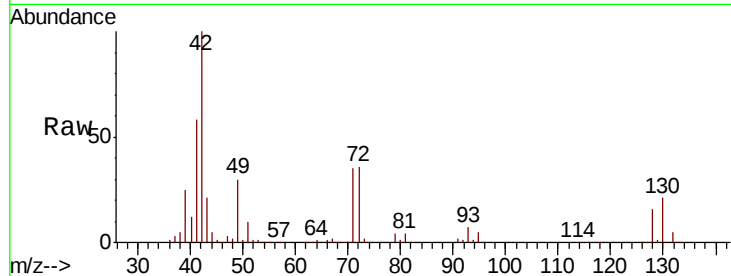
#29
Tetrahydrofuran
Concen: 708.616 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 42 Resp: 1176337
Ion Ratio Lower Upper
42 100
72 35.9 37.8 56.6#
71 34.1 36.2 54.2#

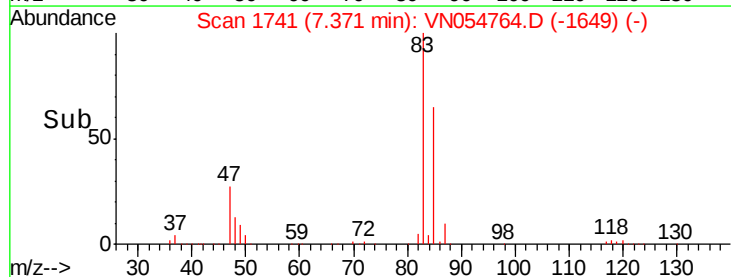
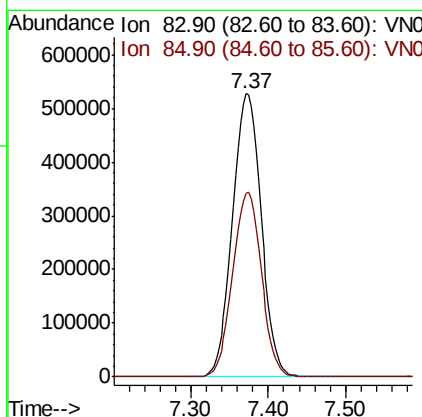
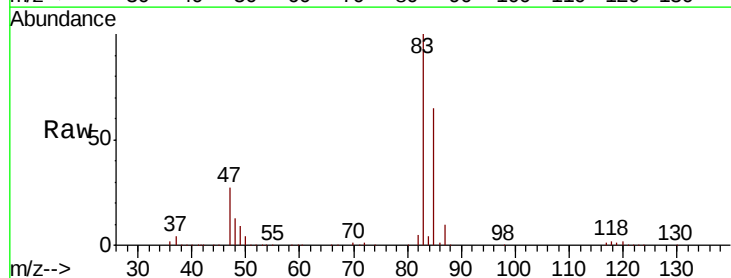
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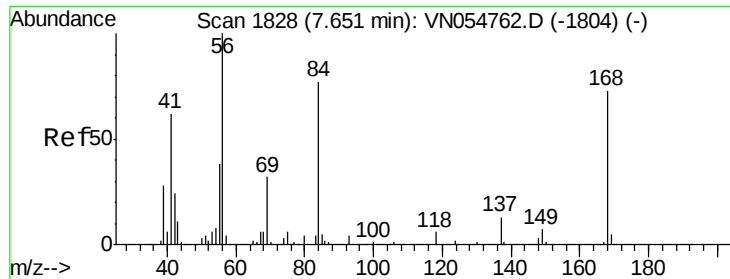
MMDadoda
4/1/2019 4:00:17 PM



#30
Chloroform
Concen: 138.826 ug/l
RT: 7.37 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion: 83 Resp: 1358349
Ion Ratio Lower Upper
83 100
85 64.7 52.2 78.4





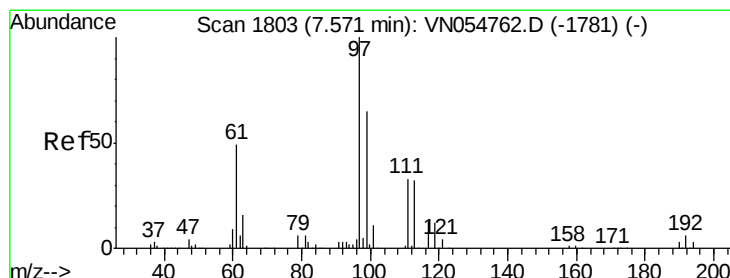
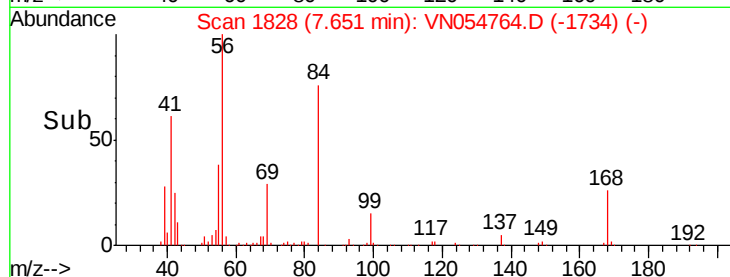
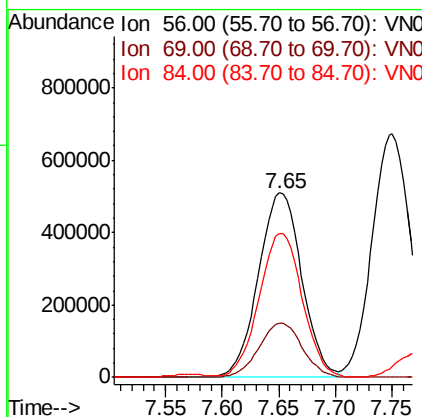
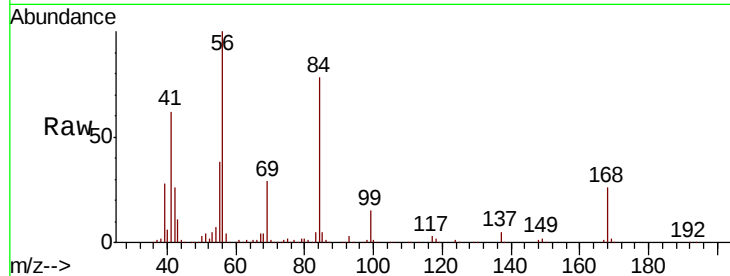
#31
Cyclohexane
Concen: 114.913 ug/l
RT: 7.65 min Scan# 1828
Delta R.T. 0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 56 Resp: 1356931
Ion Ratio Lower Upper
56 100
69 29.2 27.8 41.6
84 76.7 74.6 111.8

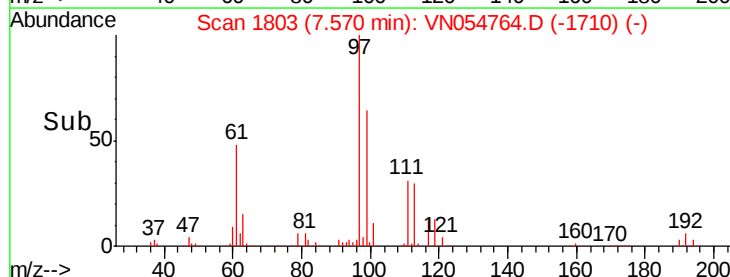
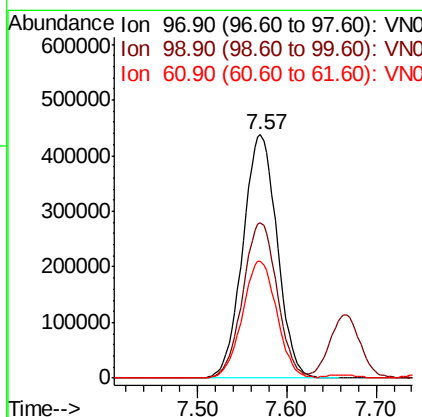
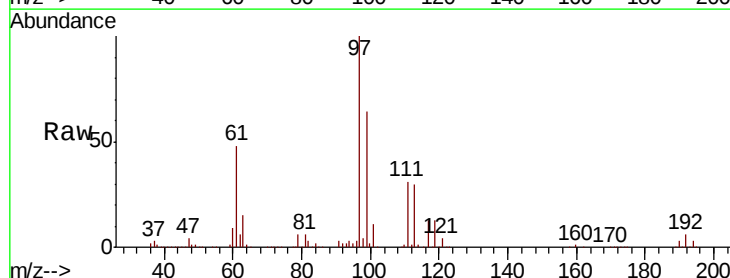
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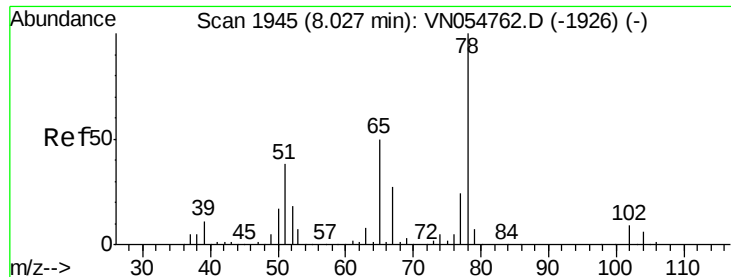
MMDadoda
4/1/2019 4:00:17 PM



#32
1,1,1-Trichloroethane
Concen: 143.854 ug/l
RT: 7.57 min Scan# 1803
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion: 97 Resp: 1166453
Ion Ratio Lower Upper
97 100
99 63.8 51.5 77.3
61 48.1 33.6 50.4





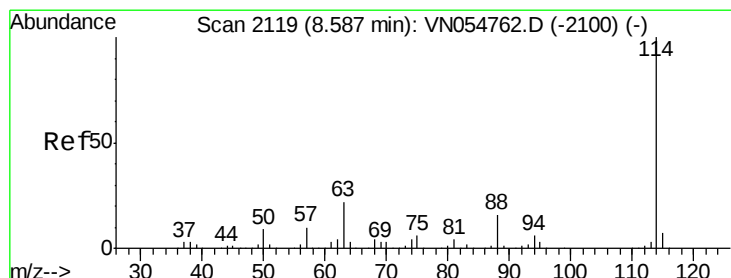
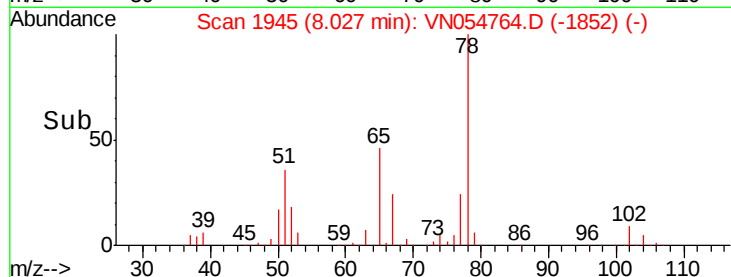
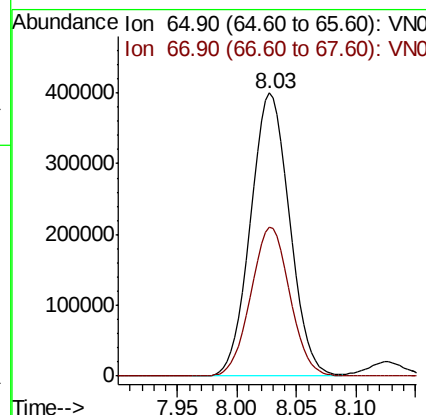
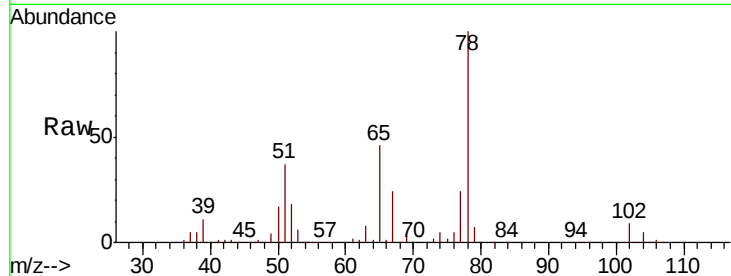
#33
 1,2-Dichloroethane-d4
 Concen: 134.527 ug/l
 RT: 8.03 min Scan# 1945
 Delta R.T. -0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 65 Resp: 910942
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 104.6

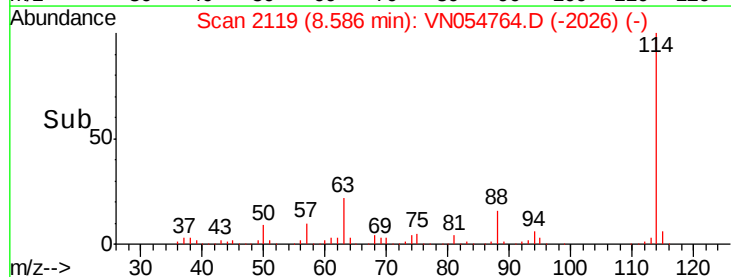
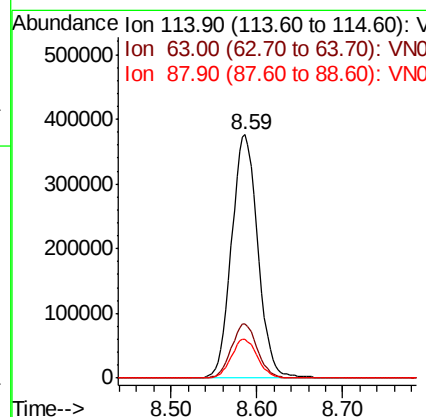
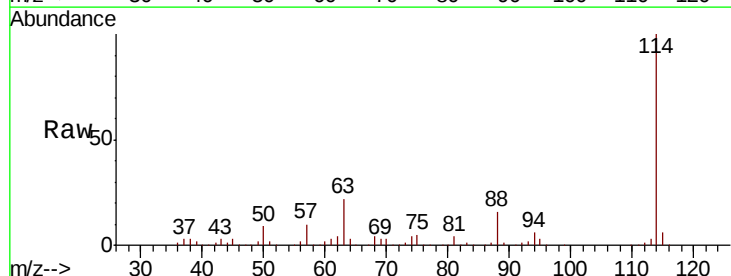
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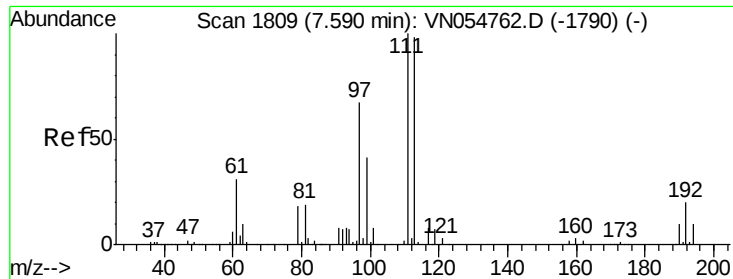
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

Tgt Ion: 114 Resp: 798636
 Ion Ratio Lower Upper
 114 100
 63 22.4 0.0 35.2
 88 15.8 0.0 30.2





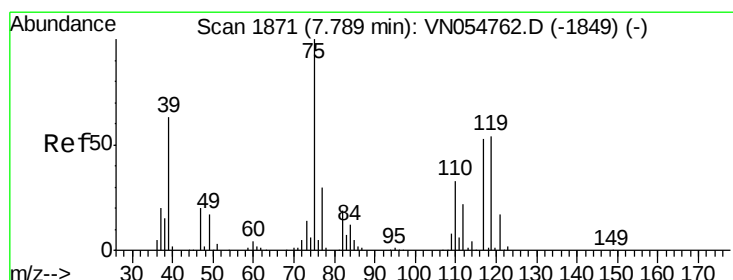
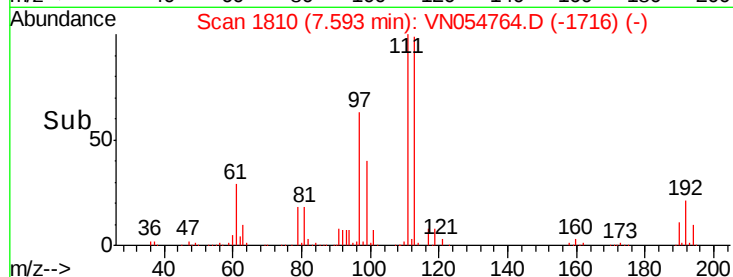
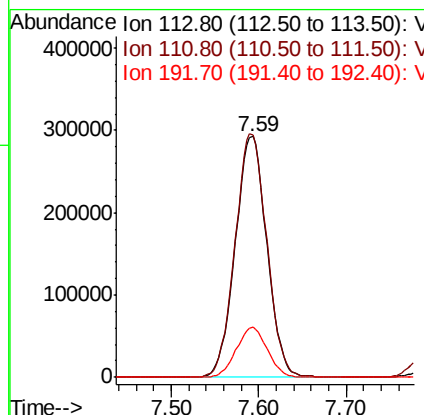
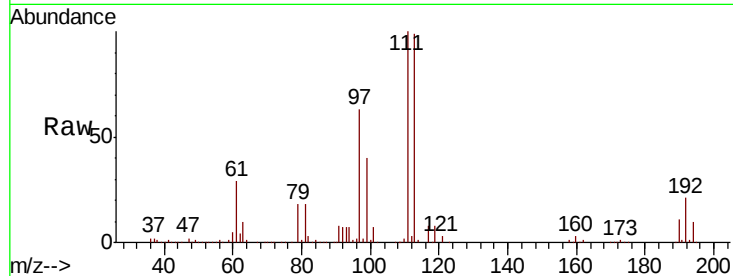
#35
Dibromofluoromethane
Concen: 138.002 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. 0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
113	100	734784		
111	101.4	82.2	123.4	
192	20.5	19.2	28.8	

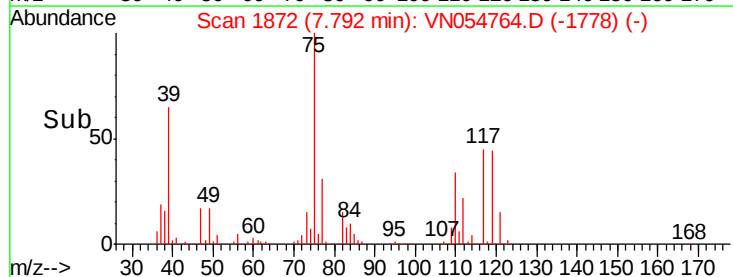
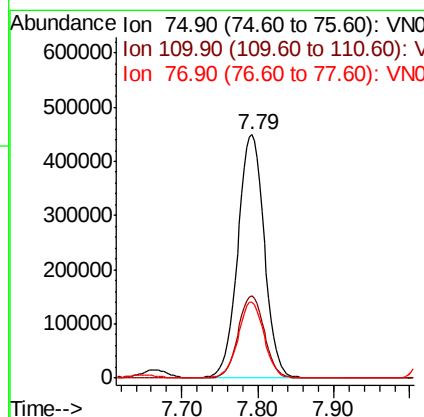
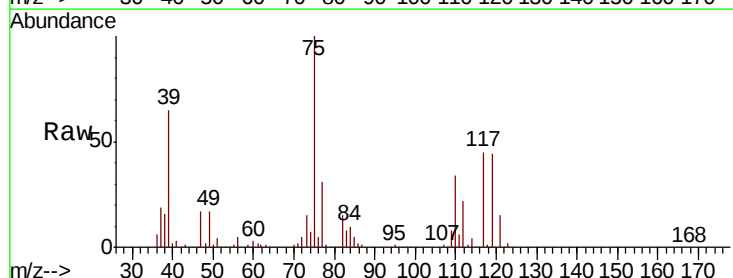
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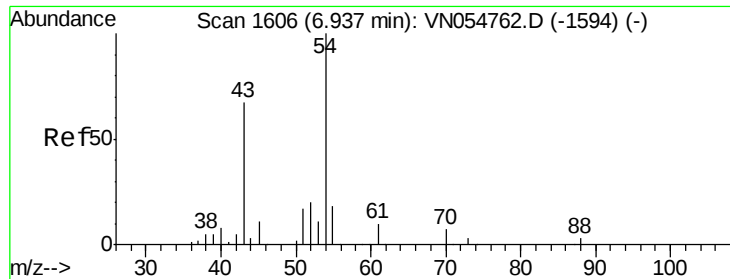
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4/1/2019 4:00:17 PM



#36
1,1-Dichloropropene
Concen: 148.413 ug/l
RT: 7.79 min Scan# 1872
Delta R.T. 0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	1081919		
110	33.6	19.1	57.5	
77	30.9	25.0	37.4	





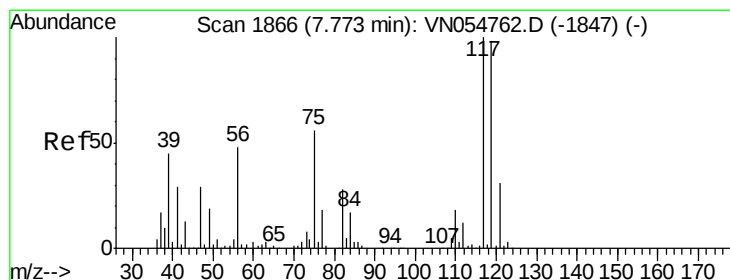
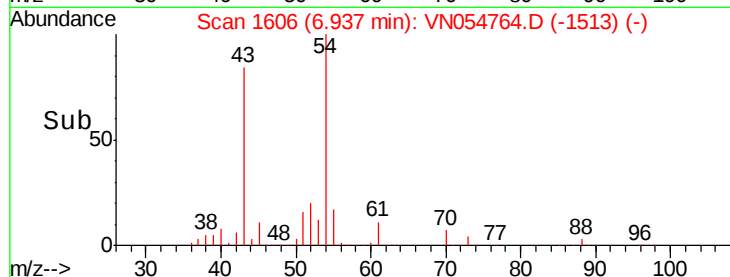
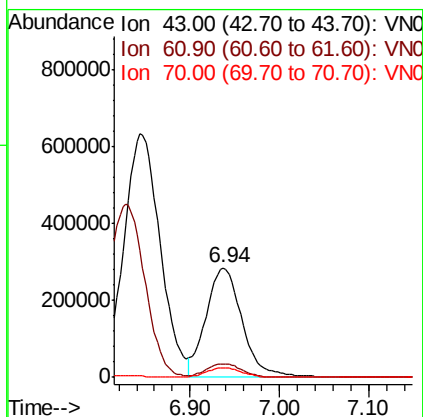
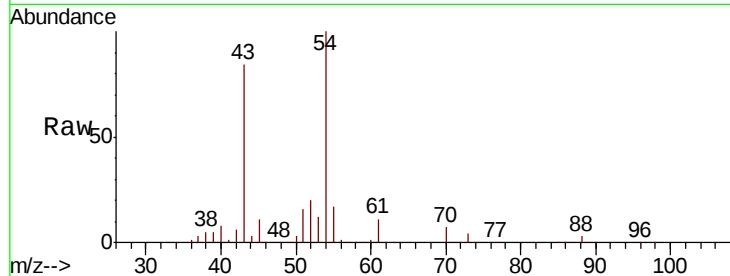
#37
Ethyl Acetate
Concen: 147.334 ug/l
RT: 6.94 min Scan# 1606
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
43	100		
61	12.5	11.8	17.6
70	8.8	8.4	12.6

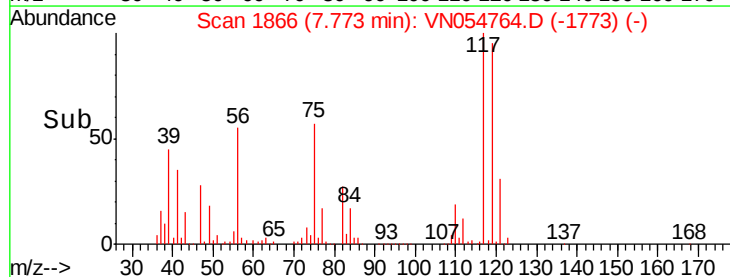
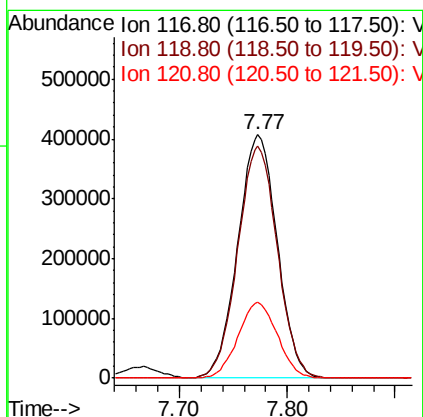
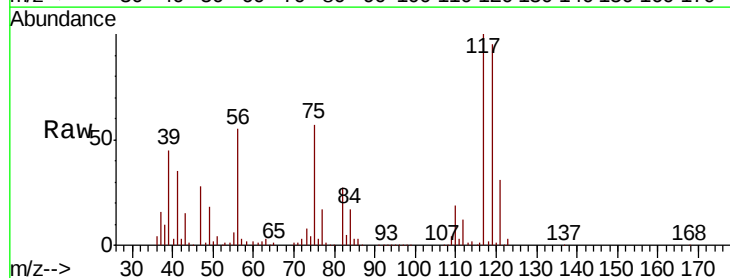
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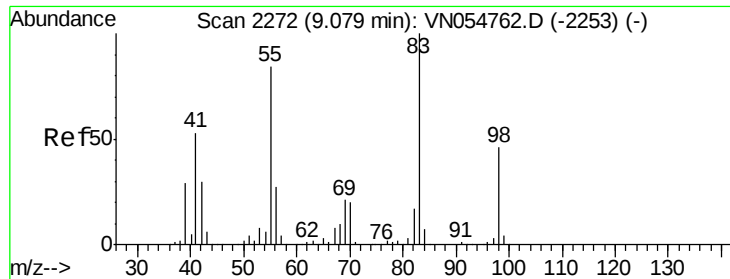
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4/1/2019 4:00:17 PM



#38
Carbon Tetrachloride
Concen: 142.613 ug/l
RT: 7.77 min Scan# 1866
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion	Ratio	Lower	Upper
117	100		
119	95.1	76.3	114.5
121	31.2	24.6	36.8





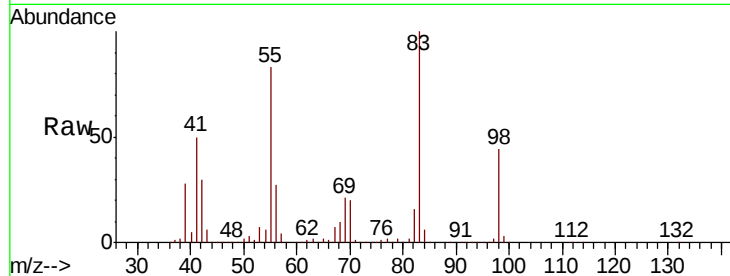
#39
Methylvlcyclohexane
Concen: 147.409 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

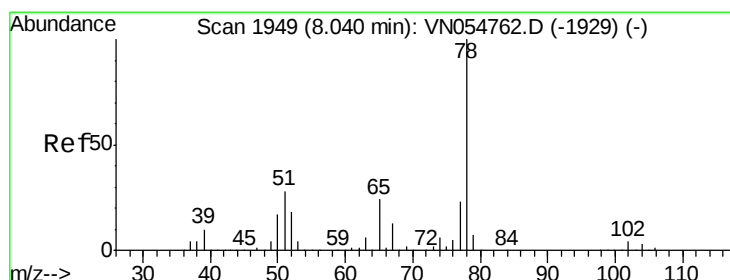
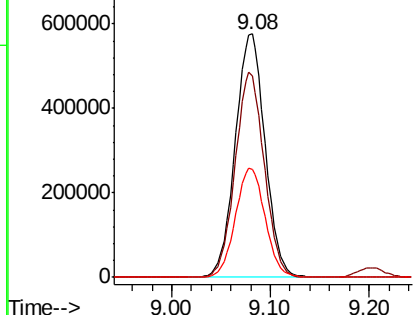
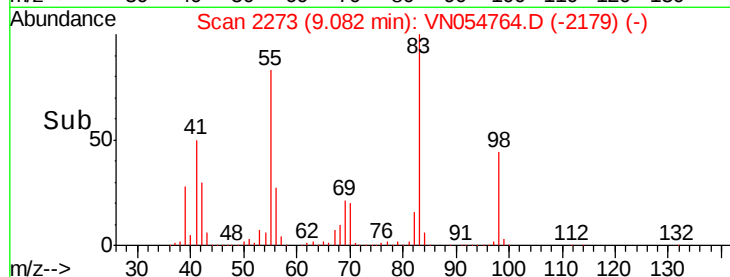
Tot Ion: 83 Resp: 1206007
Ion Ratio Lower Upper
83 100
55 82.6 56.6 84.8
98 44.4 38.4 57.6

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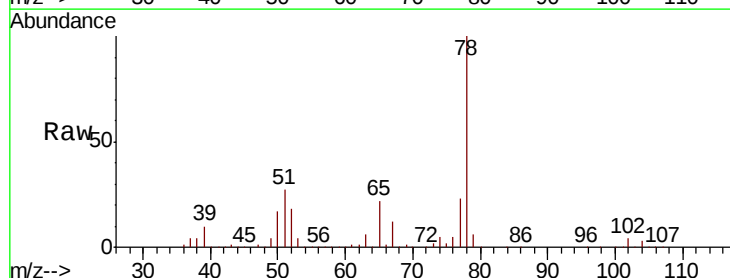


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

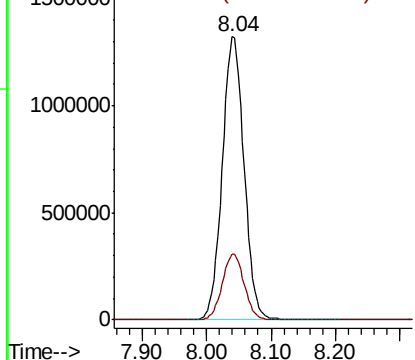
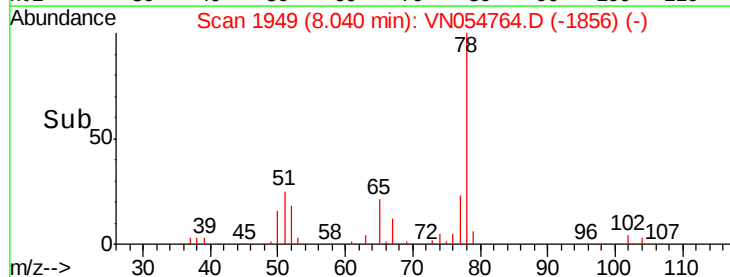


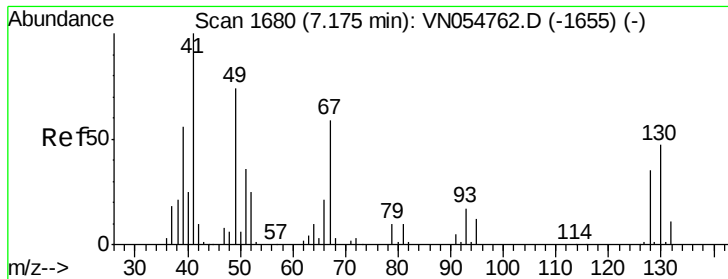
#40
Benzene
Concen: 145.802 ug/l
RT: 8.04 min Scan# 1949
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion: 78 Resp: 3104665
Ion Ratio Lower Upper
78 100
77 23.2 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0





#41

Methacrylonitrile

Concen: 150.874 ug/l

RT: 7.18 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 41 Resp: 462520
Ion Ratio Lower Upper

41 100

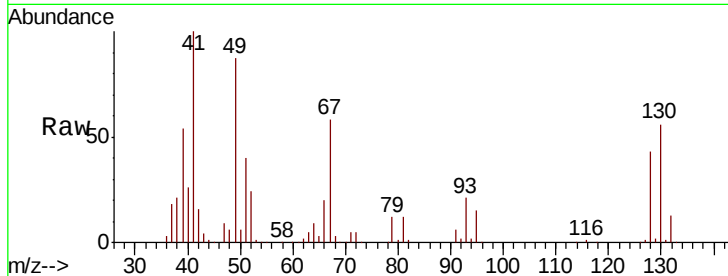
39 57.3 46.8 70.2

67 66.8 67.0 100.4#

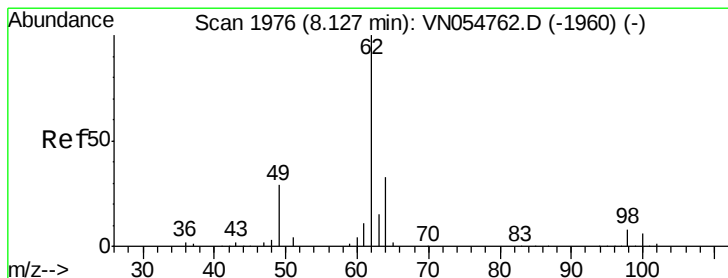
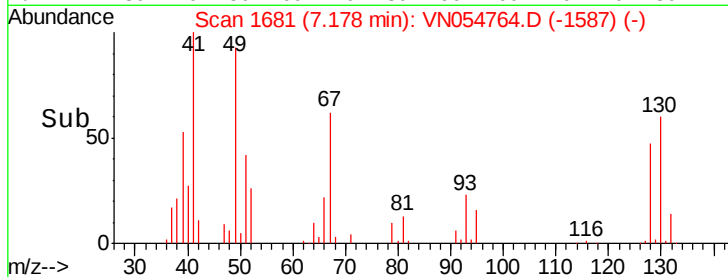
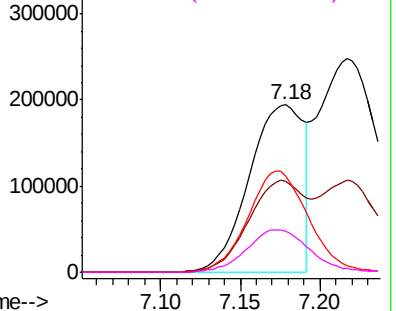
52 29.0 26.5 39.7

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Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0



#42

1,2-Dichloroethane

Concen: 142.406 ug/l

RT: 8.12 min Scan# 1975

Delta R.T. -0.00 min

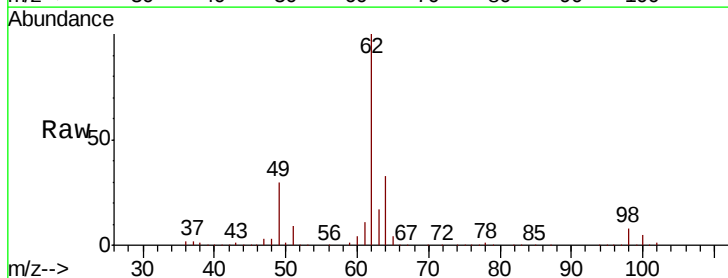
Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

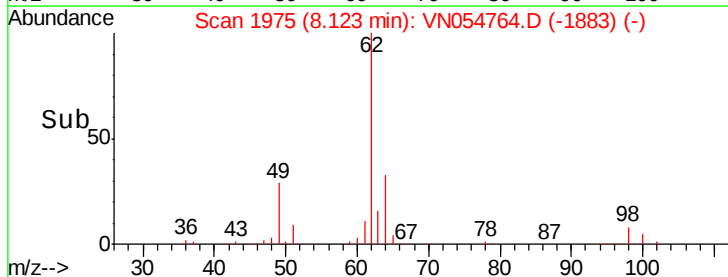
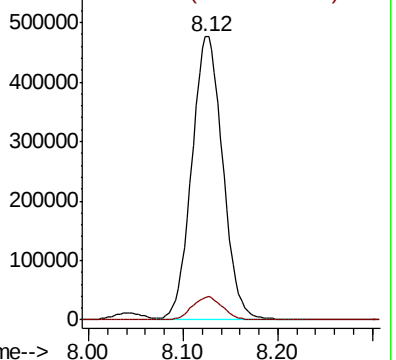
Tgt Ion: 62 Resp: 1082728
Ion Ratio Lower Upper

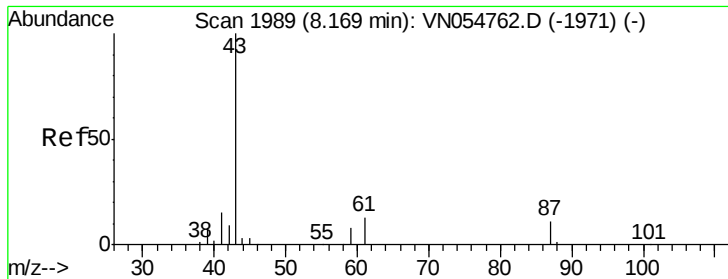
62 100

98 8.0 0.0 18.4



Abundance Ion 61.90 (61.60 to 62.60): VN0
Ion 97.90 (97.60 to 98.60): VN0





#43

Isopropyl Acetate

Concen: 160.215 ug/l

RT: 8.17 min Scan# 1989

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 1420660

Ion Ratio Lower Upper

43 100

61 17.9 15.8 23.8

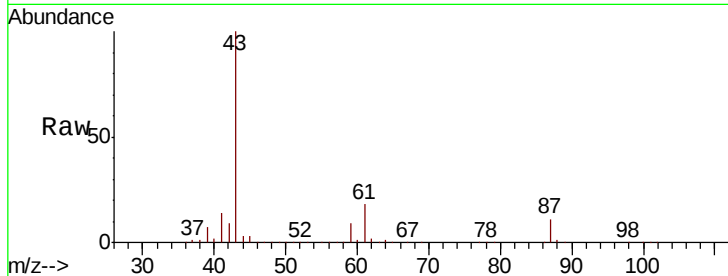
87 11.1 12.0 18.0#

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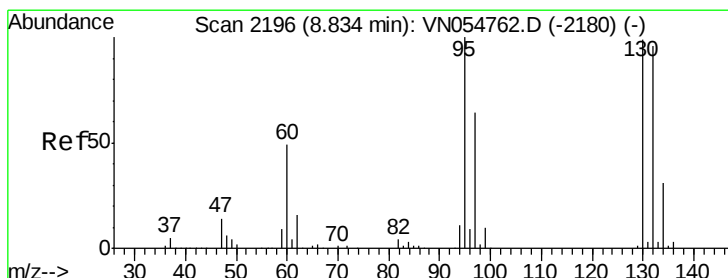
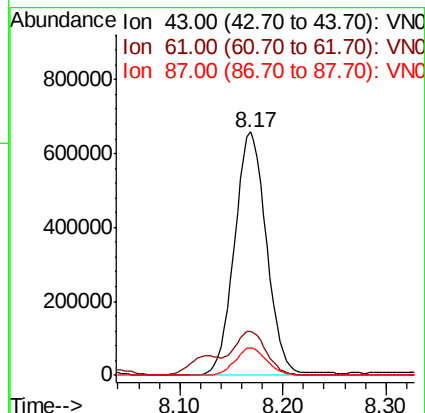
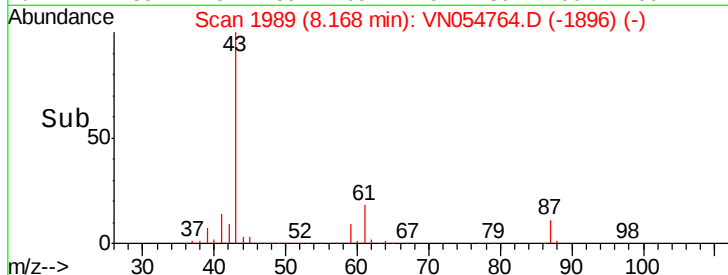
Abundance Ion 43.00 (42.70 to 43.70): VN054762.D (-1971) (-)

Ion 61.00 (60.70 to 61.70): VN054762.D (-1971) (-)

Ion 87.00 (86.70 to 87.70): VN054762.D (-1971) (-)

8.17

8.10 8.20 8.30



#44

Trichloroethene

Concen: 144.535 ug/l

RT: 8.83 min Scan# 2196

Delta R.T. -0.00 min

Lab File: VN054764.D

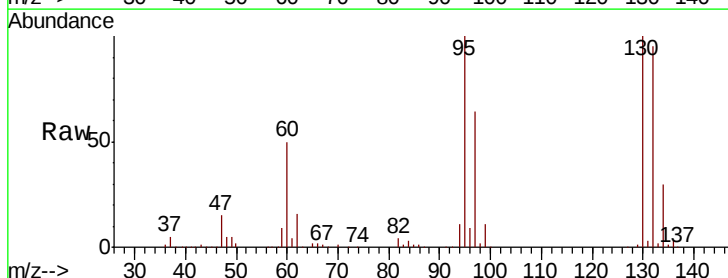
Acq: 29 Mar 2019 12:12

Tgt Ion:130 Resp: 798928

Ion Ratio Lower Upper

130 100

95 99.9 0.0 185.2

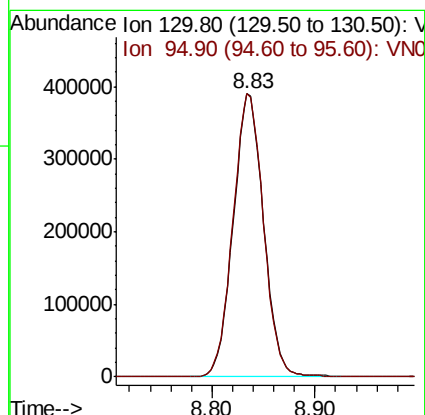
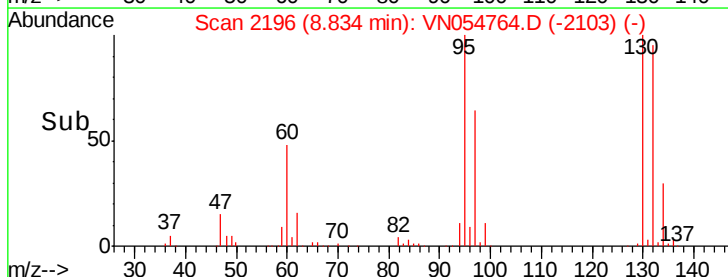


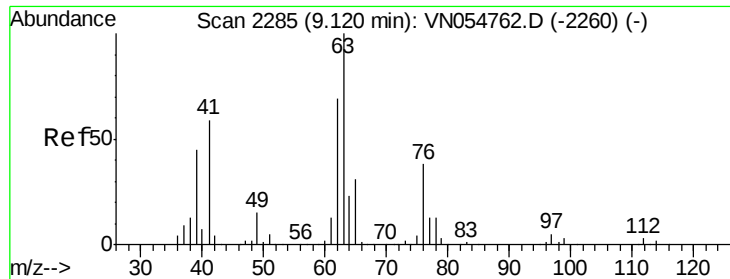
Abundance Ion 129.80 (129.50 to 130.50): VN054762.D (-2180) (-)

Ion 94.90 (94.60 to 95.60): VN054762.D (-2180) (-)

8.83

8.80 8.90





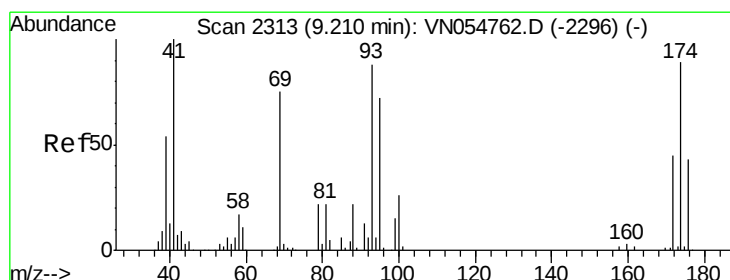
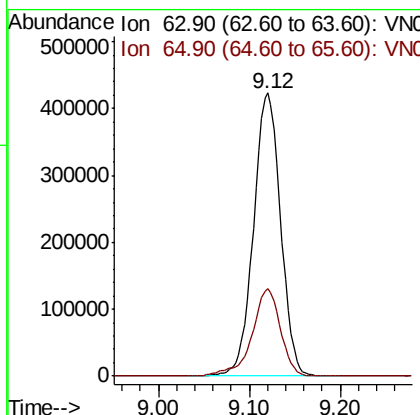
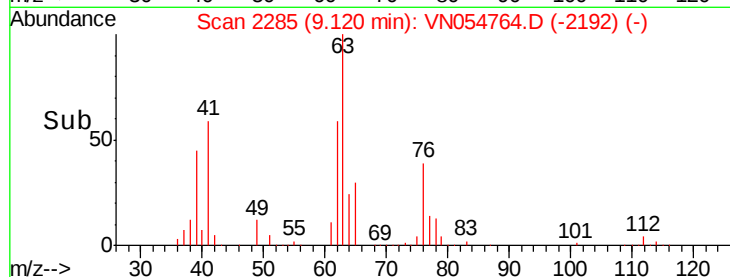
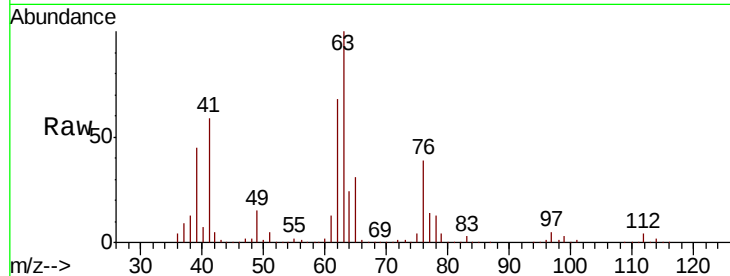
#45
 1,2-Dichloropropane
 Concen: 143.823 ug/l
 RT: 9.12 min Scan# 2285
 Delta R.T. -0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion: 63 Resp: 873248
 Ion Ratio Lower Upper
 63 100
 65 30.8 25.0 37.6

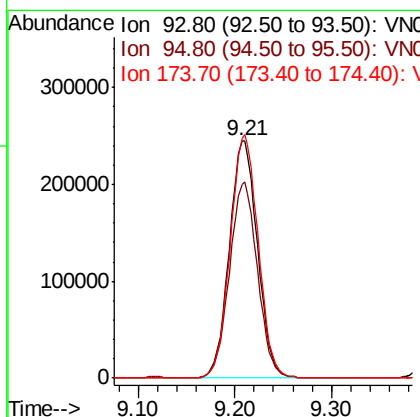
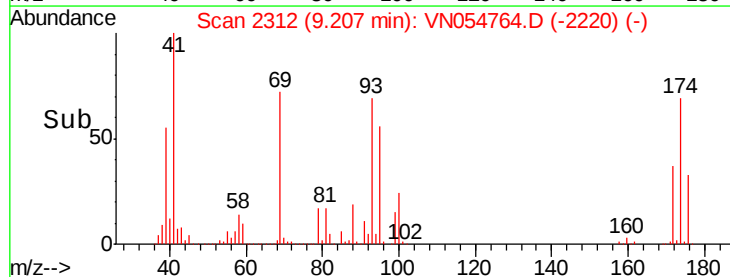
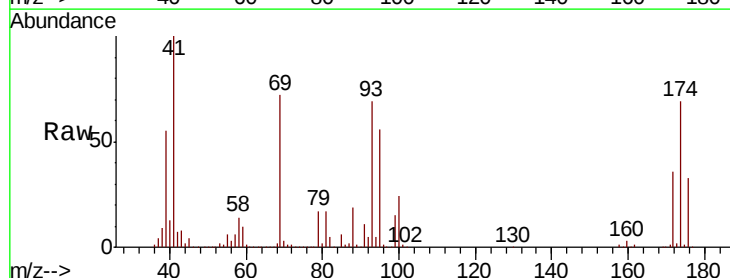
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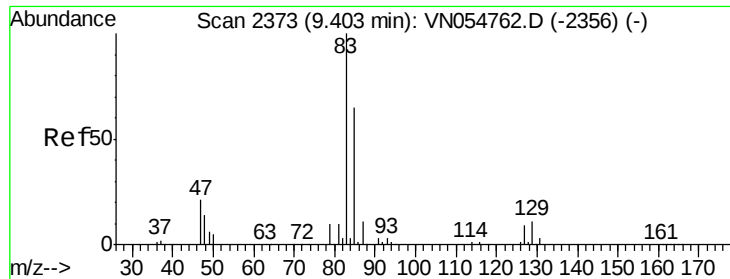
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#46
 Dibromomethane
 Concen: 144.981 ug/l
 RT: 9.21 min Scan# 2312
 Delta R.T. -0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

Tgt Ion: 93 Resp: 495193
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.7 100.1
 174 102.0 98.5 147.7





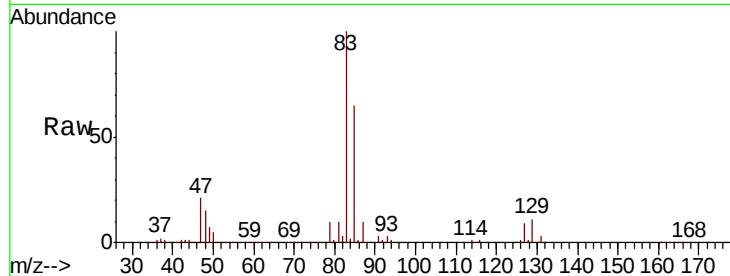
#47
Bromodichloromethane
Concen: 152.992 ug/l
RT: 9.40 min Scan# 2373
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

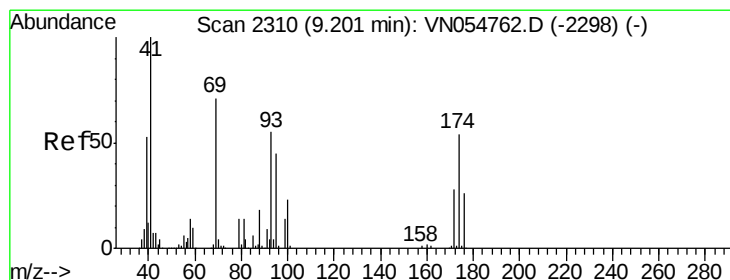
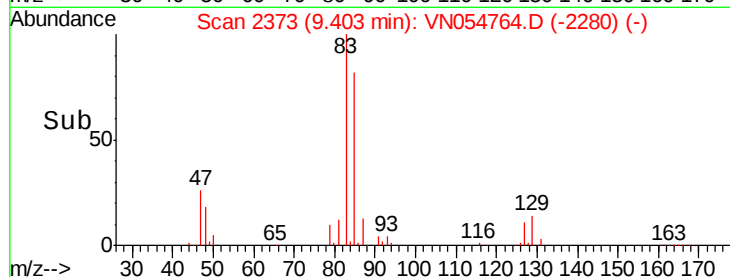
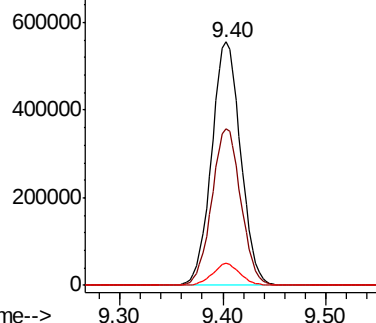
Tot Ion	83	Resp	1086017
Ion Ratio	100		
Lower	52.8		
Upper	79.2		
85	64.6		
127	8.9		

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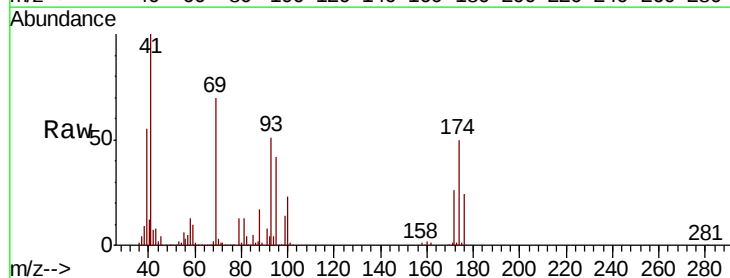


Abundance Ion 82.90 (82.60 to 83.60): VN0
Ion 84.90 (84.60 to 85.60): VN0
Ion 126.80 (126.50 to 127.50): VN0

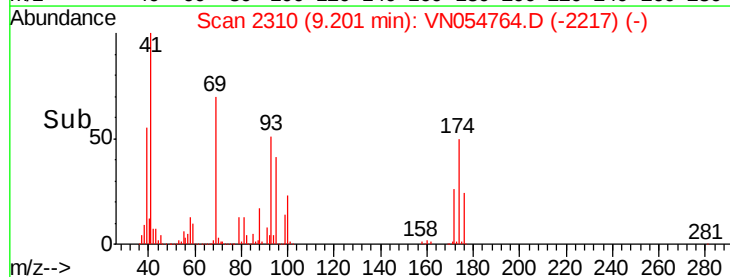
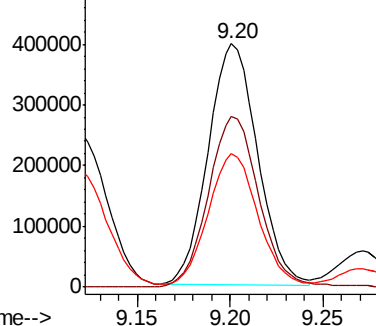


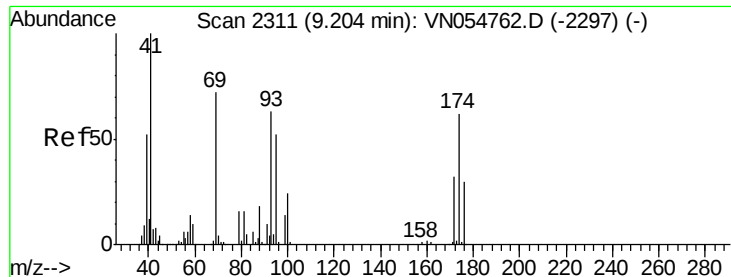
#48
Methyl methacrylate
Concen: 153.333 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion	41	Resp	737024
Ion Ratio	100		
Lower	72.6		
Upper	108.8		
69	73.1		
39	56.0		



Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 69.00 (68.70 to 69.70): VN0
Ion 39.00 (38.70 to 39.70): VN0





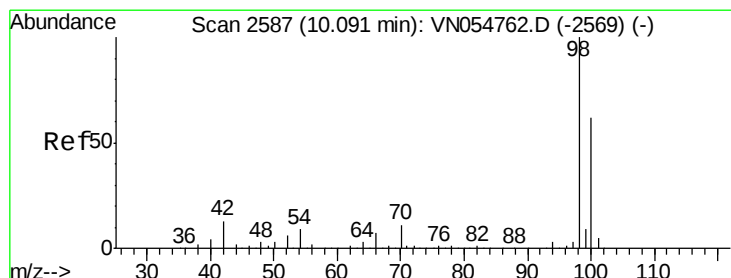
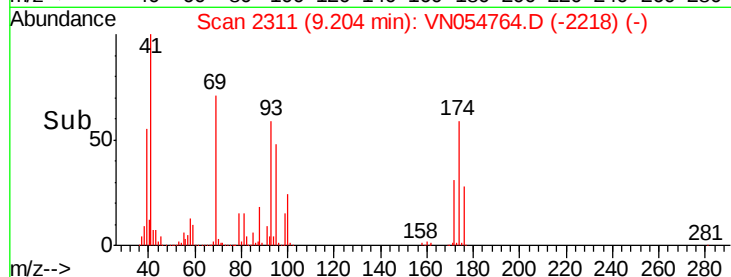
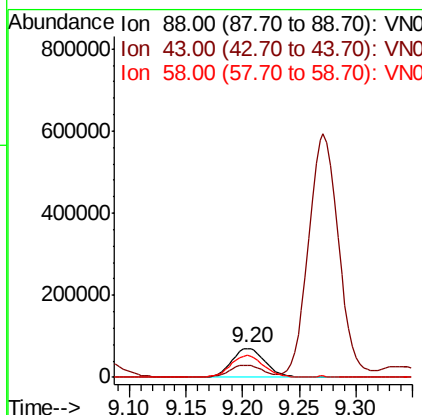
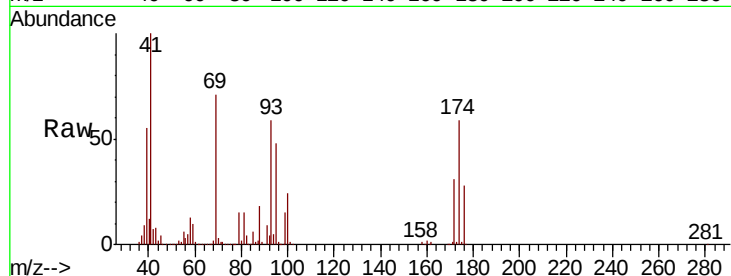
#49
1,4-Dioxane
Concen: 3054.947 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
88	100		
43	39.6	24.1	36.1#
58	74.6	50.8	76.2

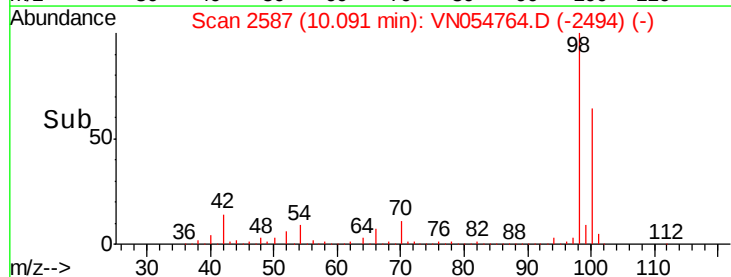
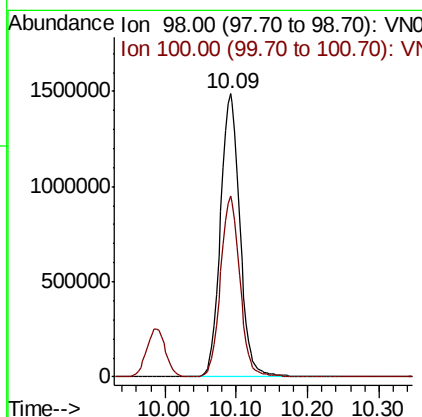
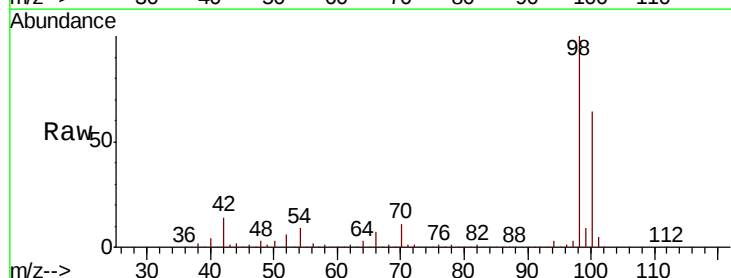
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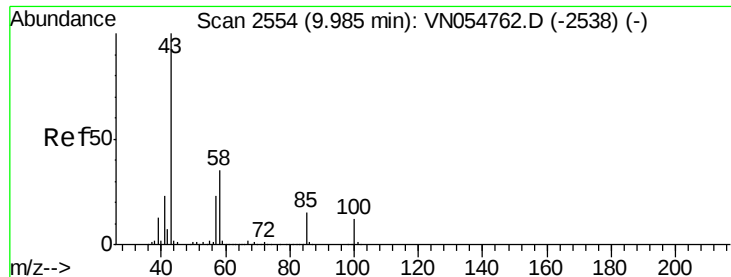
MMDadoda
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#50
Toluene-d8
Concen: 141.637 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.2	76.8





#51

4-Methyl-2-Pentanone

Concen: 775.245 ug/l

RT: 9.99 min Scan# 2554

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 43 Resp: 3864878

Ion Ratio Lower Upper

43 100

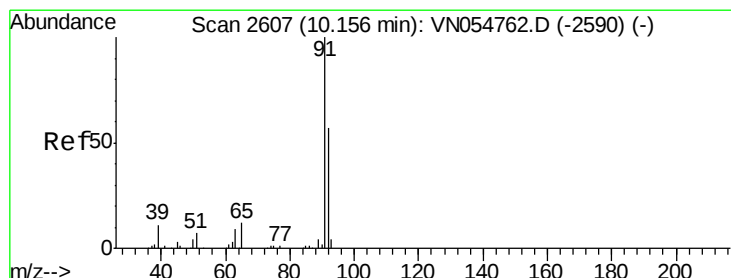
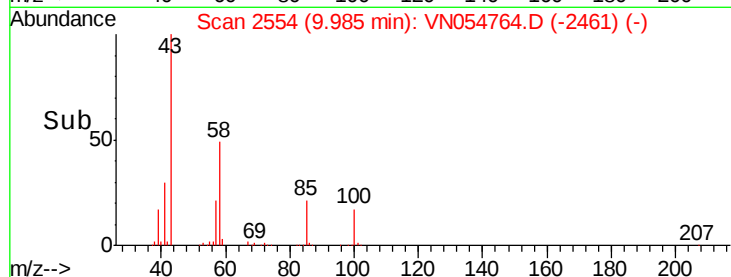
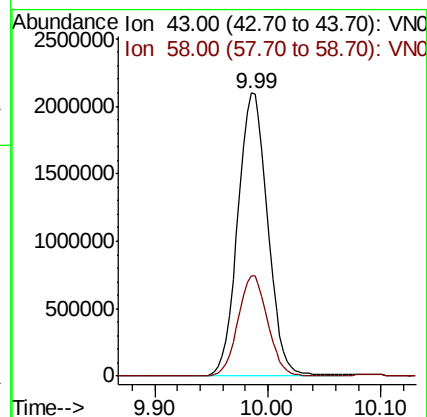
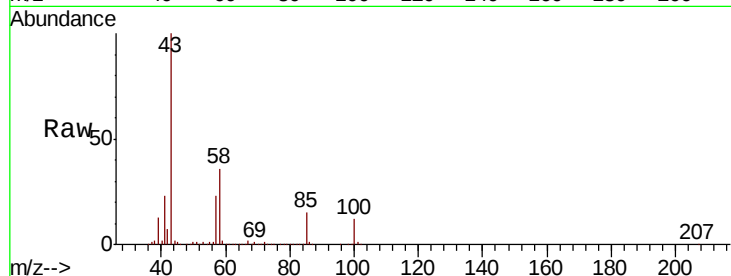
58 35.4 31.8 47.6

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#52

Toluene

Concen: 148.270 ug/l

RT: 10.16 min Scan# 2607

Delta R.T. -0.00 min

Lab File: VN054764.D

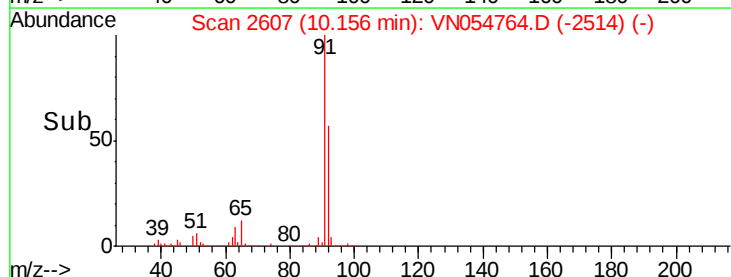
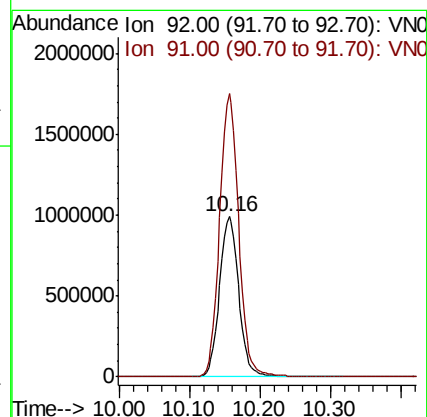
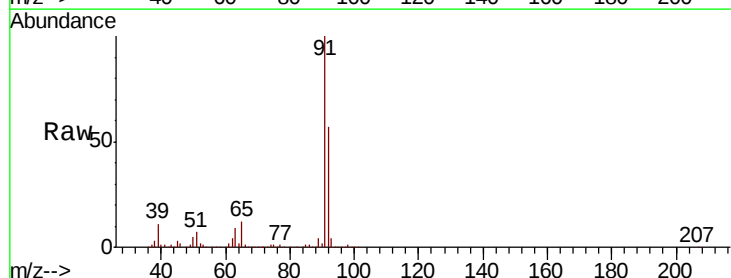
Acq: 29 Mar 2019 12:12

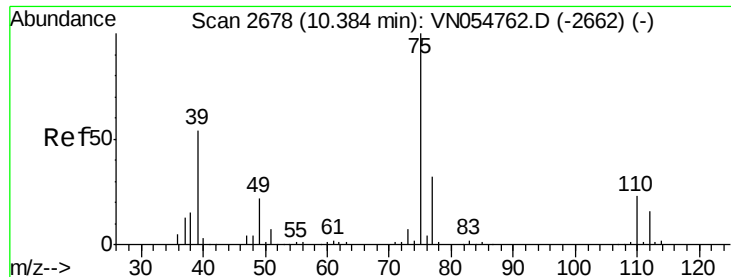
Tgt Ion: 92 Resp: 1878670

Ion Ratio Lower Upper

92 100

91 175.4 140.7 211.1





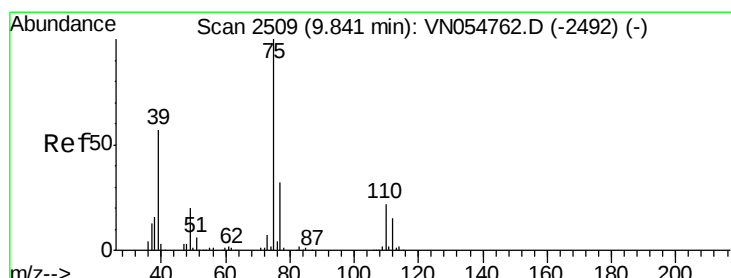
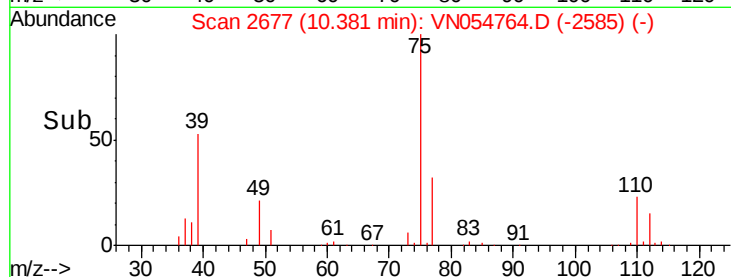
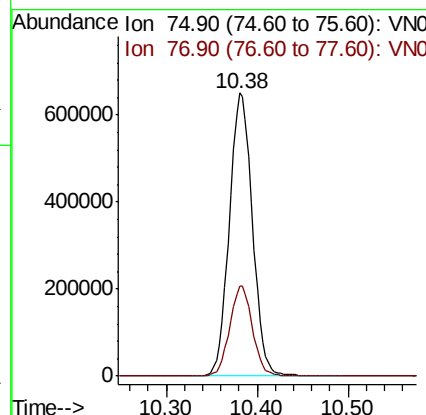
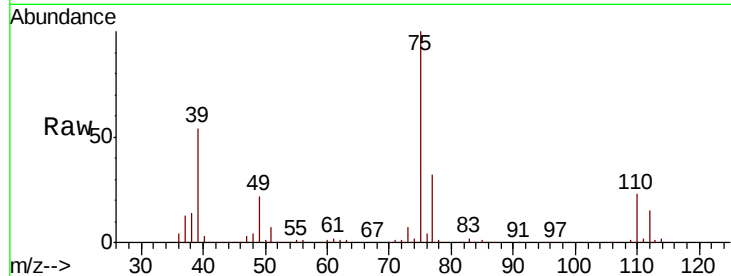
#53
t-1,3-Dichloropropene
Concen: 172.020 ug/l
RT: 10.38 min Scan# 2677
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 75 Resp: 1148645
Ion Ratio Lower Upper
75 100
77 31.7 25.8 38.8

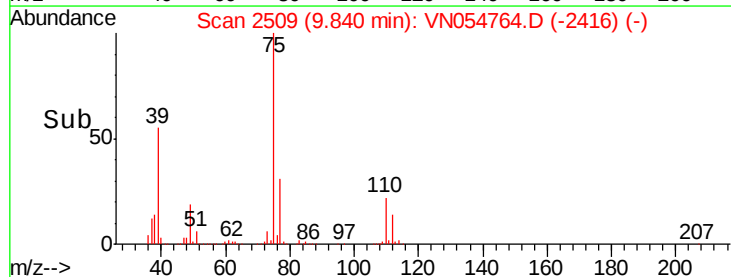
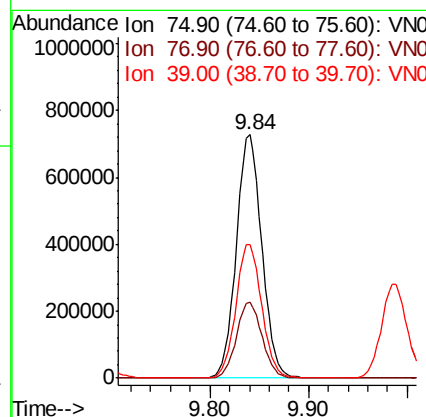
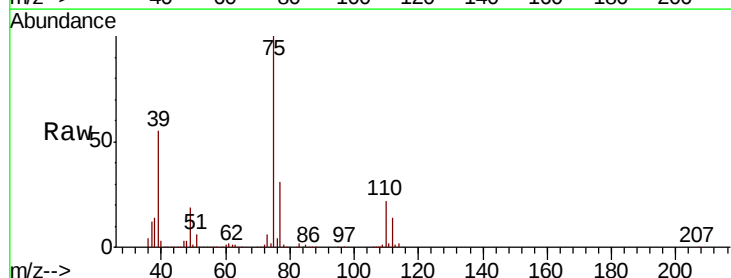
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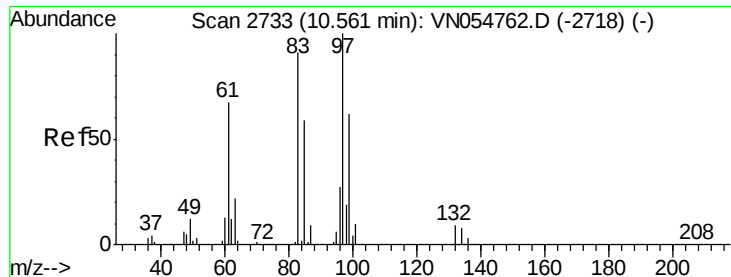
MMDadoda
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#54
cis-1,3-Dichloropropene
Concen: 164.765 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion: 75 Resp: 1314243
Ion Ratio Lower Upper
75 100
77 31.0 25.4 38.0
39 55.0 37.2 55.8





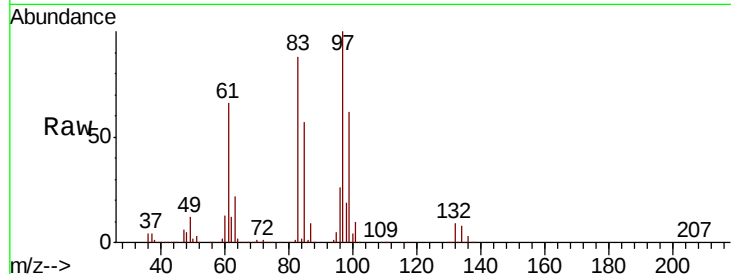
#55
 1,1,2-Trichloroethane
 Concen: 143.476 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. 0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion:	97	Resp:	675970
Ion	Ratio	Lower	Upper
97	100		
83	88.3	66.6	100.0
85	57.1	44.4	66.6
99	62.0	50.8	76.2

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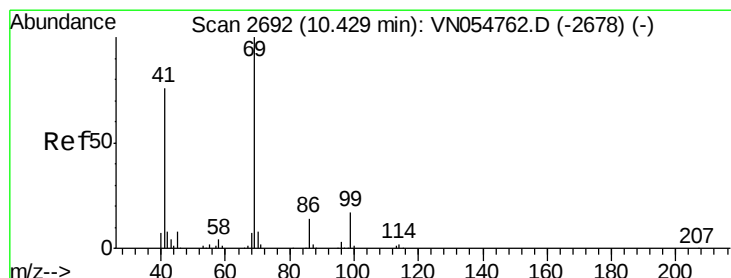
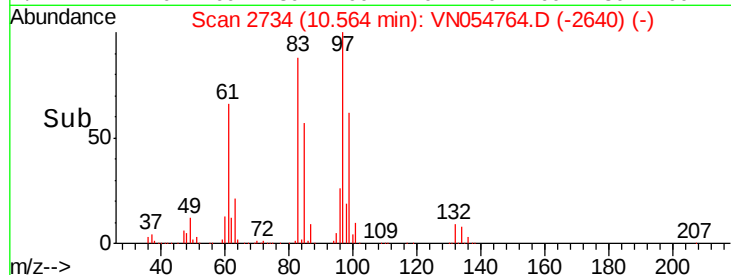
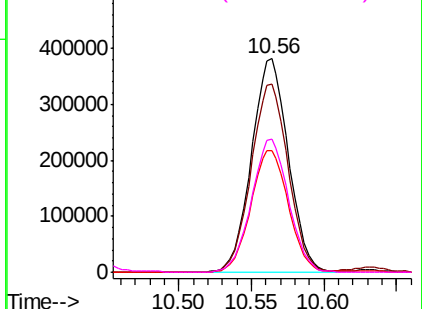
Abundance

Ion 96.90 (96.60 to 97.60): VNO

Ion 82.90 (82.60 to 83.60): VNO

Ion 84.90 (84.60 to 85.60): VNO

Ion 98.90 (98.60 to 99.60): VNO



#56
 Ethyl methacrylate
 Concen: 161.887 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

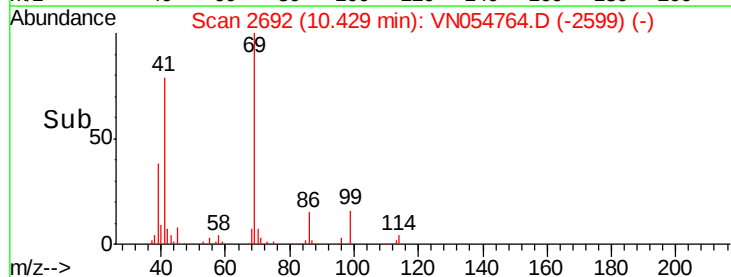
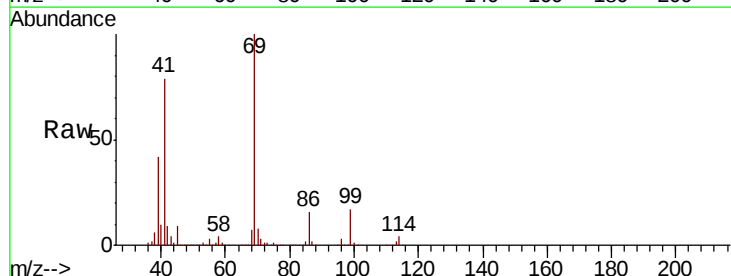
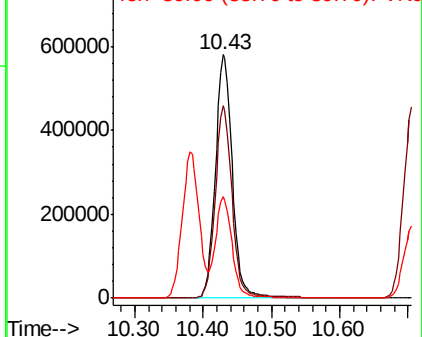
Tgt Ion:	69	Resp:	1000522
Ion	Ratio	Lower	Upper
69	100		
41	77.3	49.4	74.2#
39	40.7	28.3	42.5

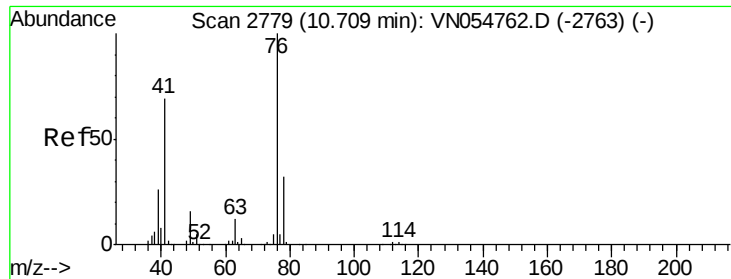
Abundance

Ion 69.00 (68.70 to 69.70): VNO

Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO





#57

1,3-Dichloropropane

Concen: 149.528 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICC150

Tot Ion: 76 Resp: 1211165

Ion Ratio Lower Upper

76 100

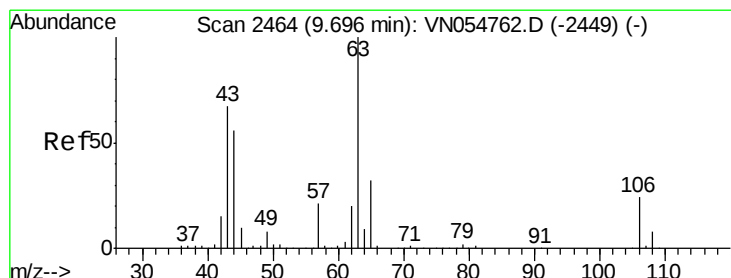
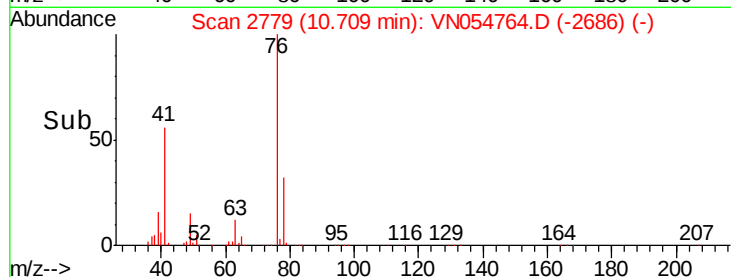
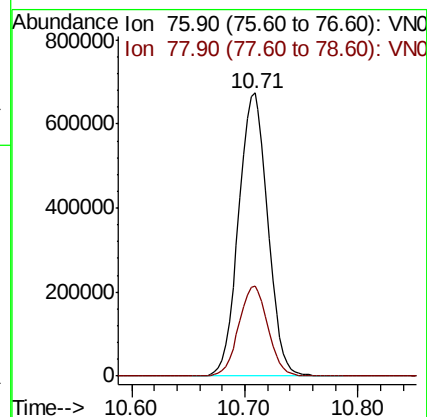
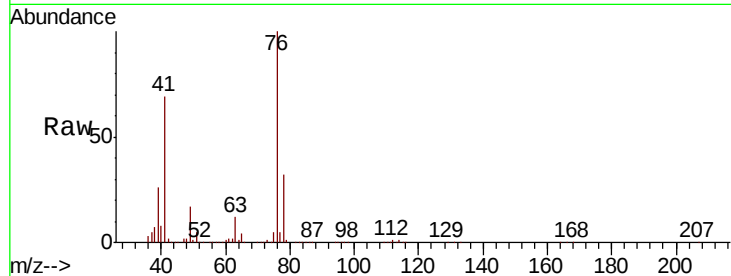
78 31.8 25.7 38.5

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#58

2-Chloroethyl Vinyl ether

Concen: 869.897 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. 0.00 min

Lab File: VN054764.D

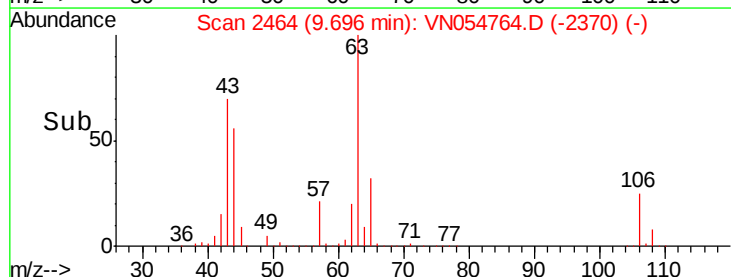
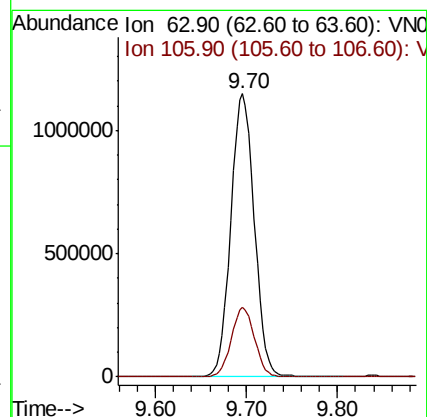
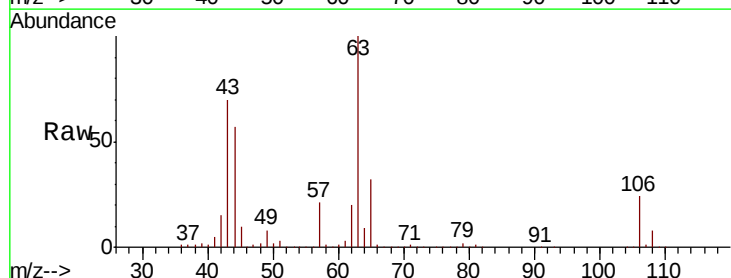
Acq: 29 Mar 2019 12:12

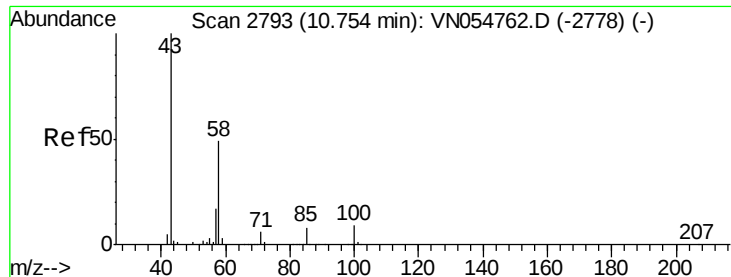
Tgt Ion: 63 Resp: 2061561

Ion Ratio Lower Upper

63 100

106 24.2 24.4 36.6#





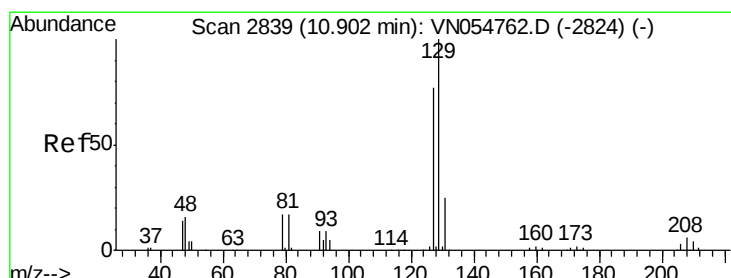
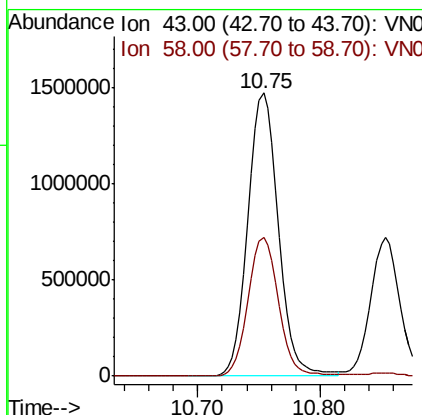
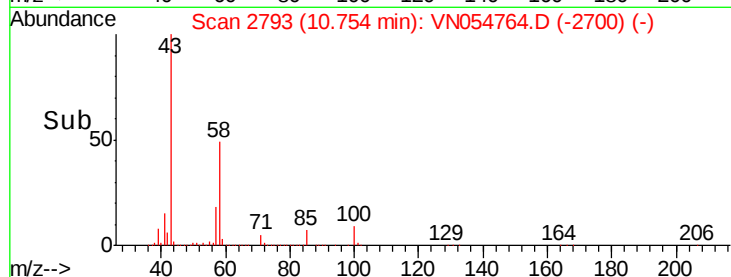
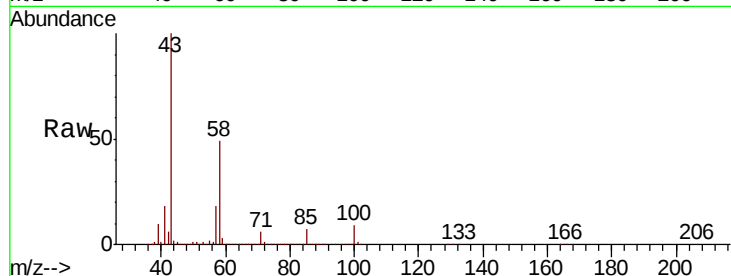
#59
2-Hexanone
Concen: 790.489 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 43 Resp: 2522793
Ion Ratio Lower Upper
43 100
58 49.4 28.0 83.9

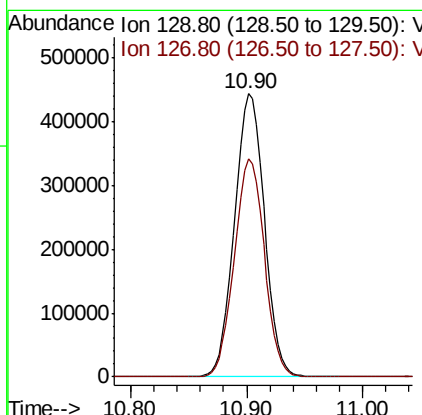
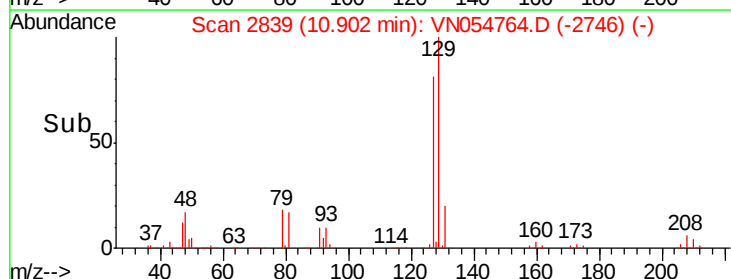
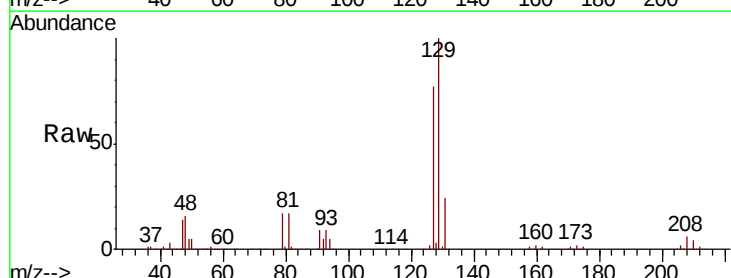
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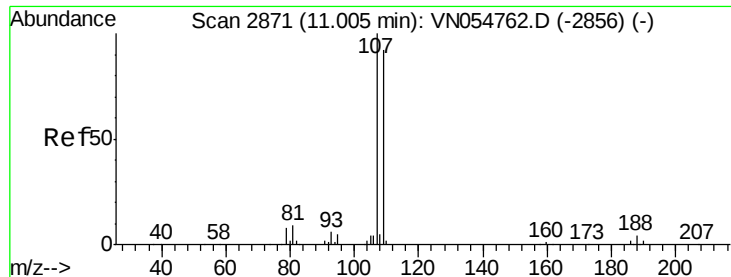
MMDadoda
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#60
Dibromochloromethane
Concen: 166.213 ug/l
RT: 10.90 min Scan# 2839
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion: 129 Resp: 793254
Ion Ratio Lower Upper
129 100
127 77.3 38.6 115.8





#61

1,2-Dibromoethane

Concen: 153.494 ug/l

RT: 11.01 min Scan# 2872

Delta R.T. 0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 107 Resp: 691097

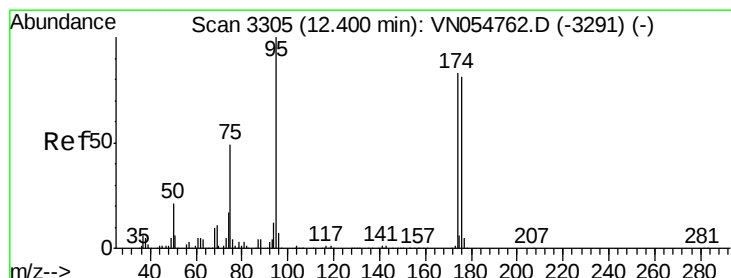
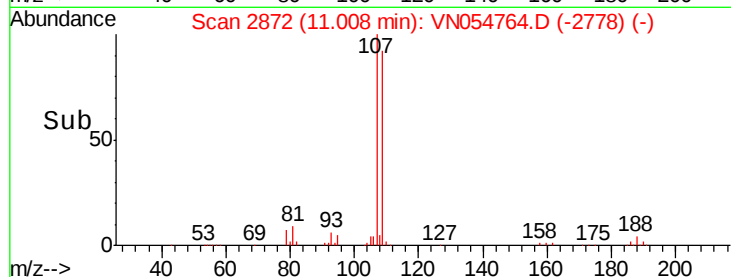
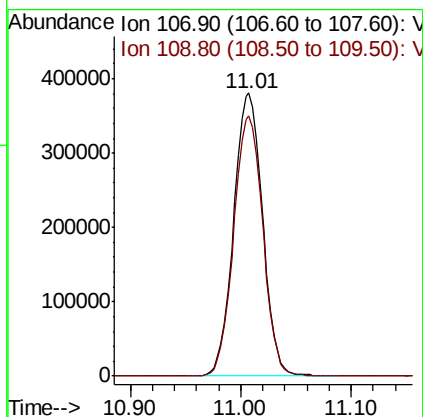
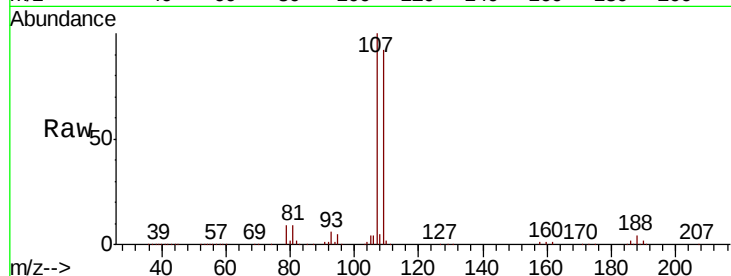
Ion Ratio Lower Upper

107 100

109 92.8 75.9 113.9

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#62

4-Bromofluorobenzene

Concen: 150.369 ug/l

RT: 12.40 min Scan# 3305

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

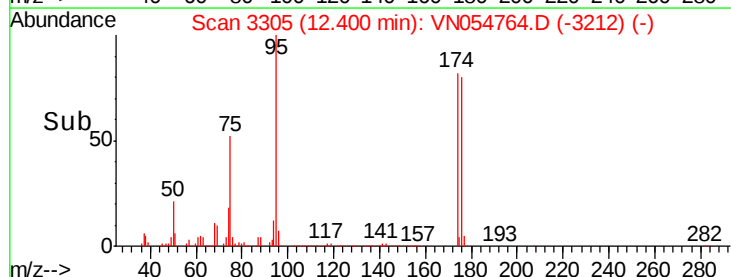
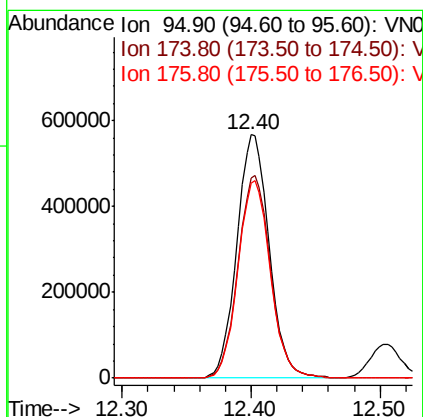
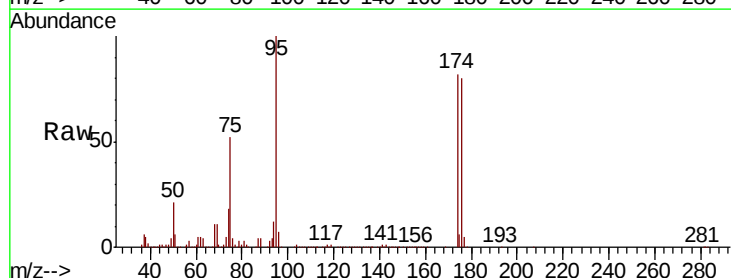
Tgt Ion: 95 Resp: 989932

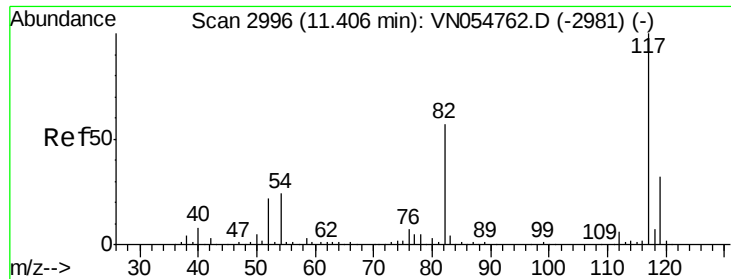
Ion Ratio Lower Upper

95 100

174 83.7 0.0 191.0

176 81.5 0.0 187.4





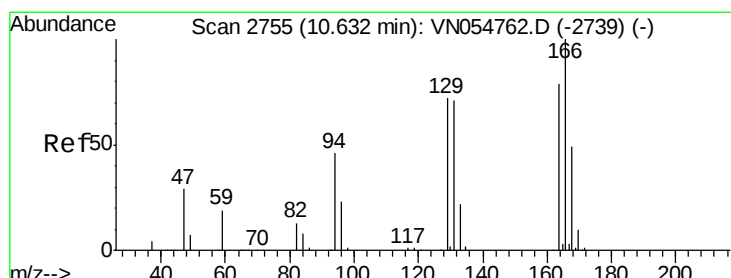
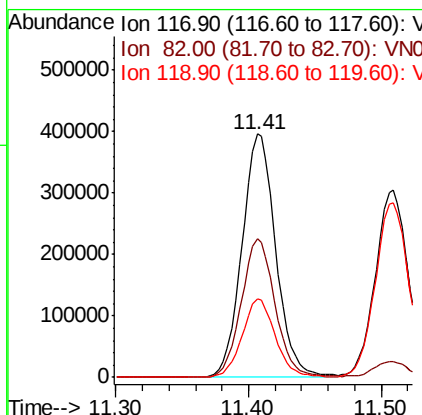
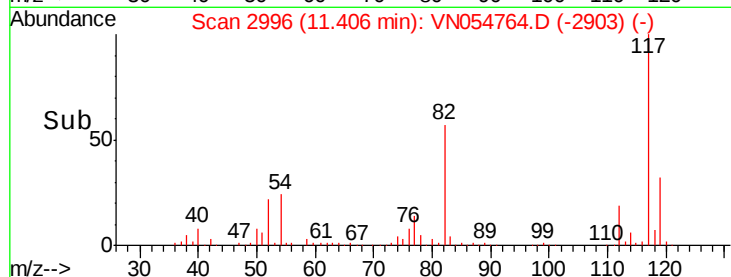
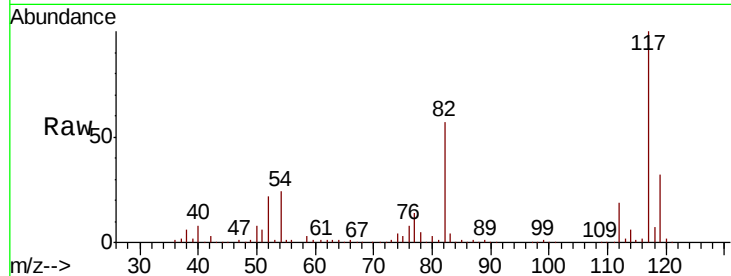
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampleID :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
117	100		
82	57.0	40.0	60.0
119	32.4	25.8	38.6

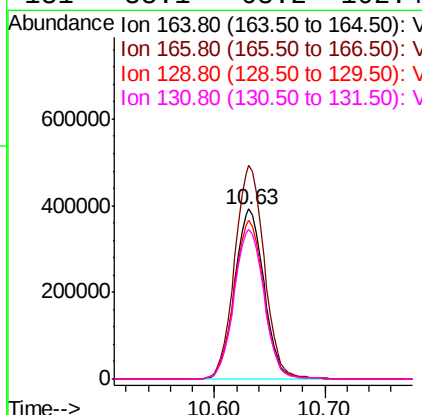
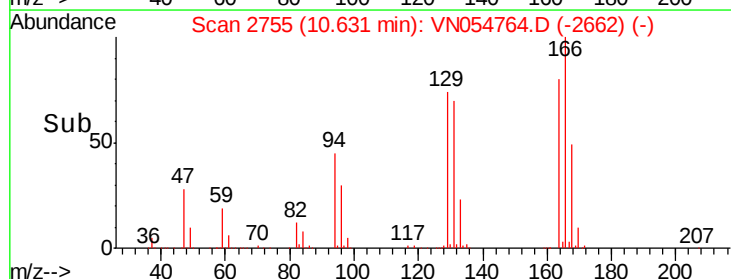
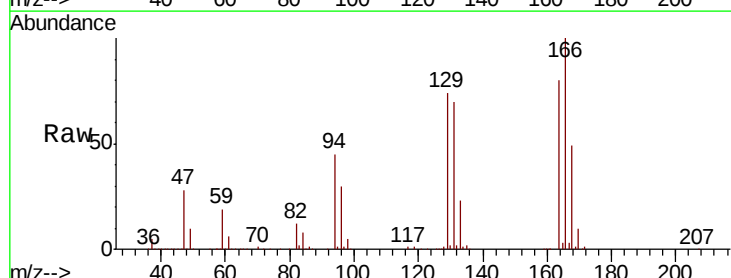
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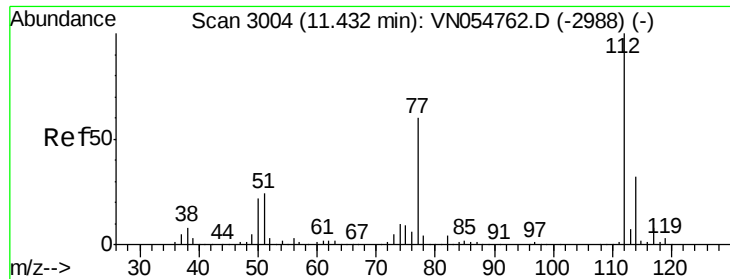
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#64
Tetrachloroethene
Concen: 135.060 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	103.9	155.9
129	93.2	71.1	106.7
131	88.1	68.2	102.4





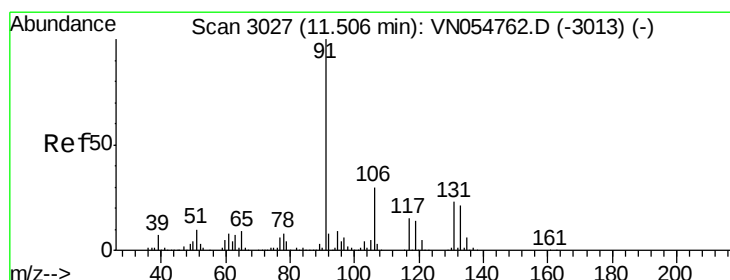
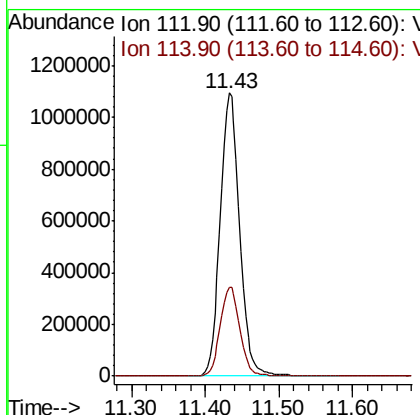
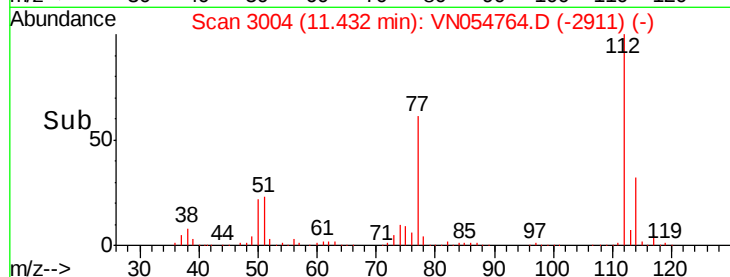
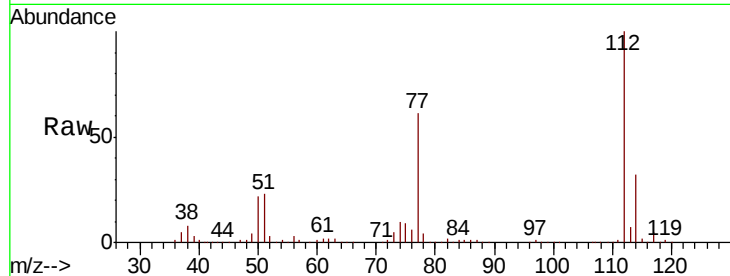
#65
Chlorobenzene
Concen: 146.099 ug/l
RT: 11.43 min Scan# 3004
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:112 Resp: 2001937
Ion Ratio Lower Upper
112 100
114 31.6 25.9 38.9

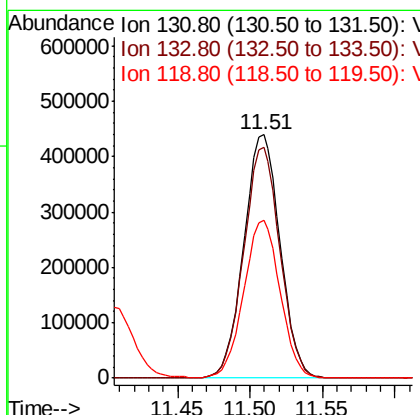
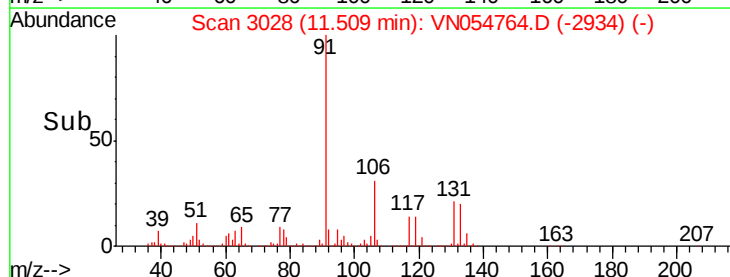
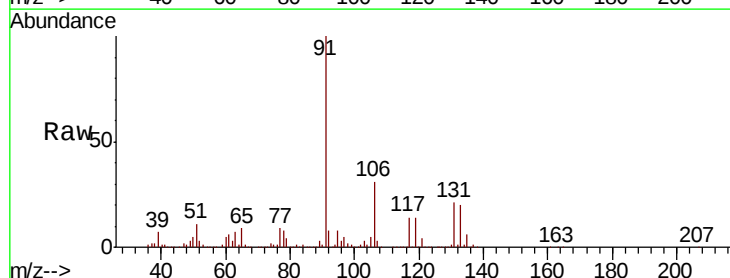
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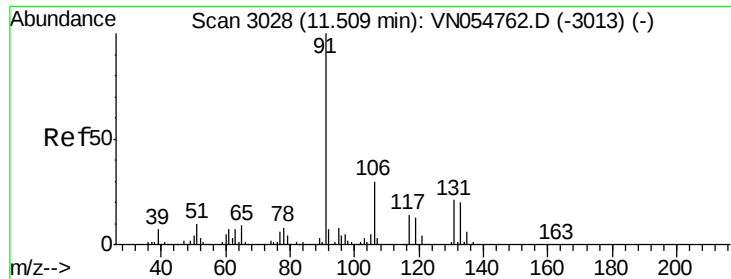
MMDadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 149.449 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. 0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion:131 Resp: 766502
Ion Ratio Lower Upper
131 100
133 95.1 47.6 142.9
119 64.6 32.4 97.0





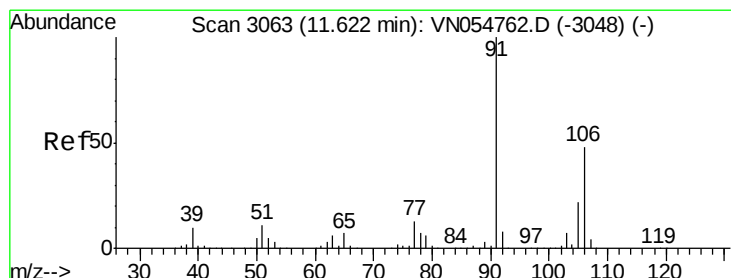
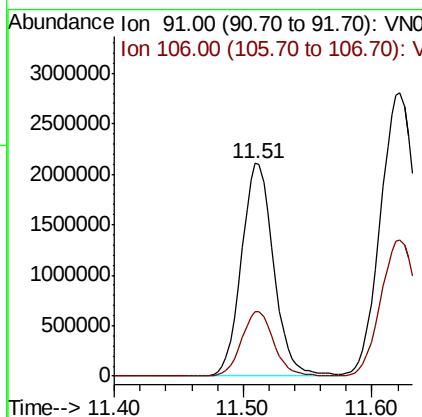
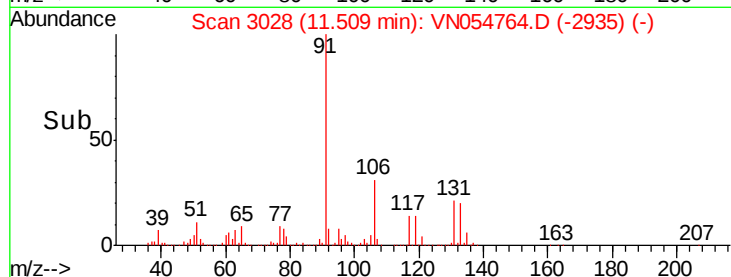
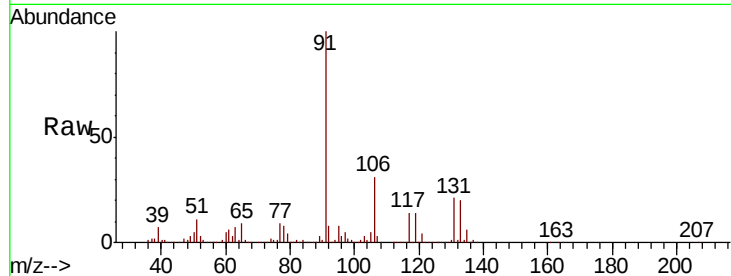
#67
Ethyl Benzene
Concen: 148.274 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 3666362
Ion Ratio Lower Upper
91 100
106 30.6 25.5 38.3

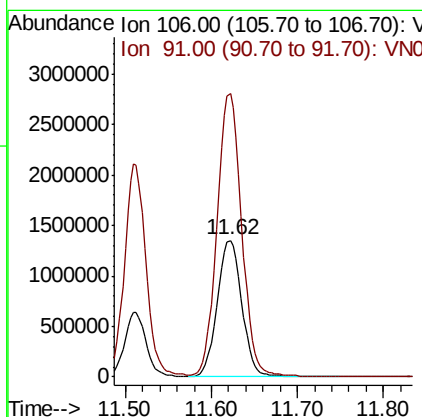
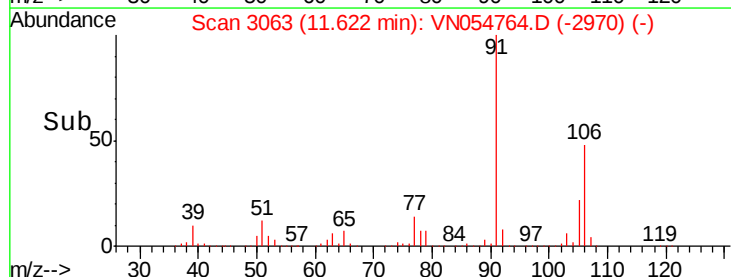
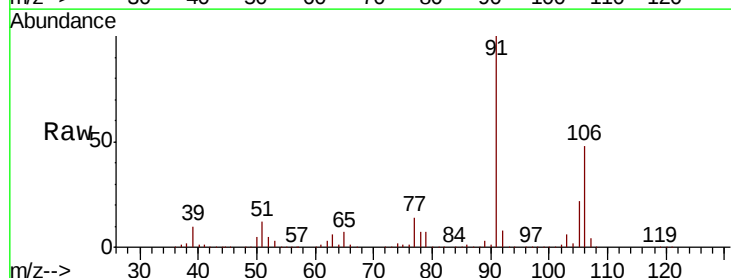
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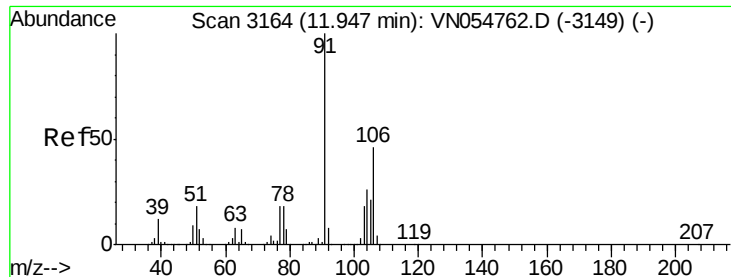
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#68
m/p-Xylenes
Concen: 296.057 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion: 106 Resp: 2709100
Ion Ratio Lower Upper
106 100
91 207.2 159.4 239.2





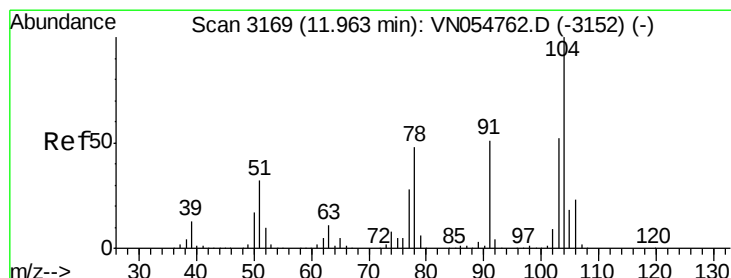
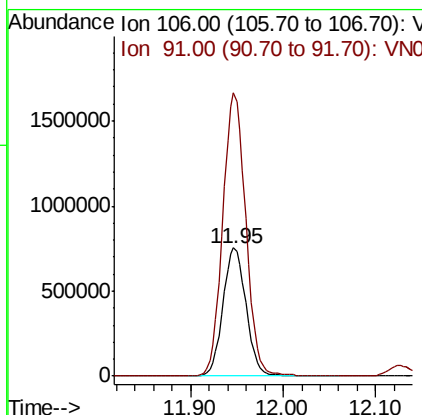
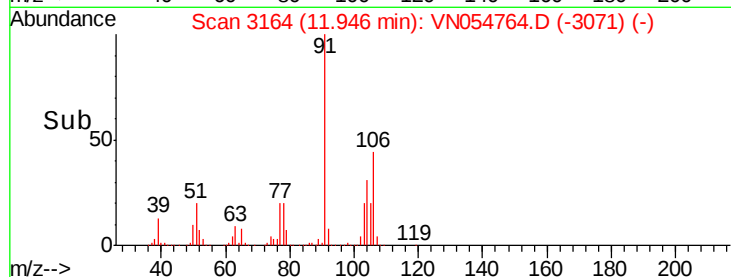
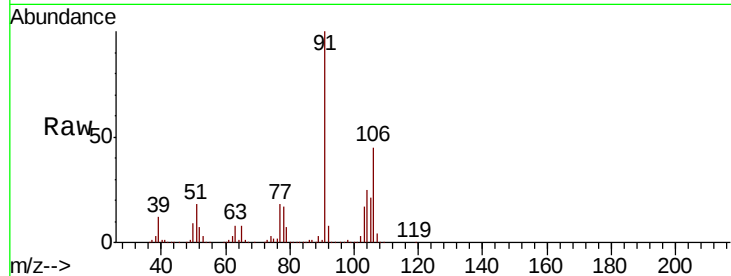
#69
o-Xylene
Concen: 145.386 ug/l
RT: 11.95 min Scan# 3164
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion:106 Resp: 1304551
Ion Ratio Lower Upper
106 100
91 219.9 105.7 317.1

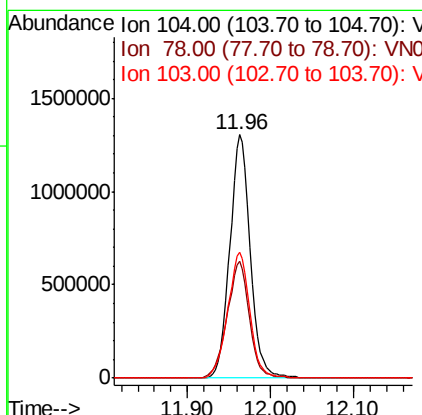
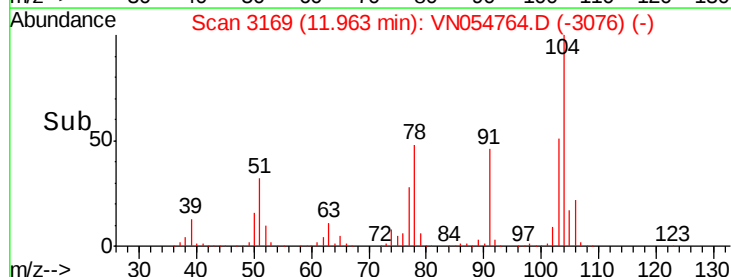
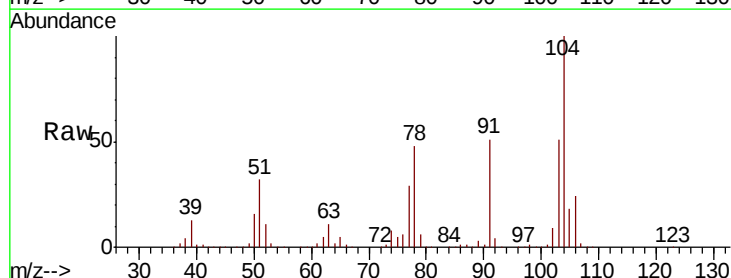
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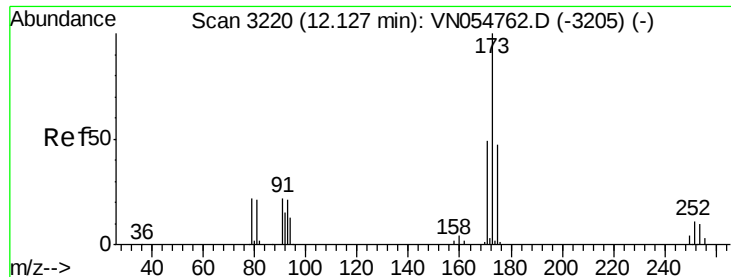
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#70
Styrene
Concen: 156.826 ug/l
RT: 11.96 min Scan# 3169
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion:104 Resp: 2249991
Ion Ratio Lower Upper
104 100
78 52.0 38.2 57.2
103 55.7 44.4 66.6





#71

Bromoform

Concen: 171.403 ug/l

RT: 12.13 min Scan# 3220

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

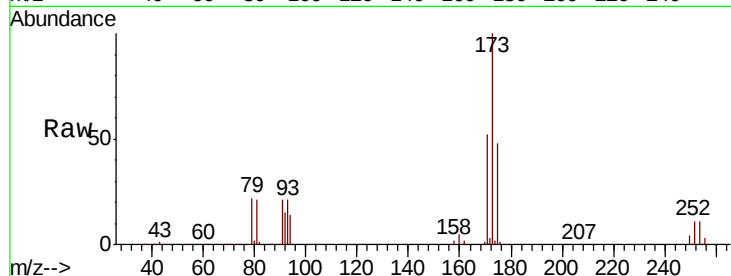
ClientSampleId :

VSTDIC150

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.0	24.4	73.2
254	0.2	0.1	0.1#

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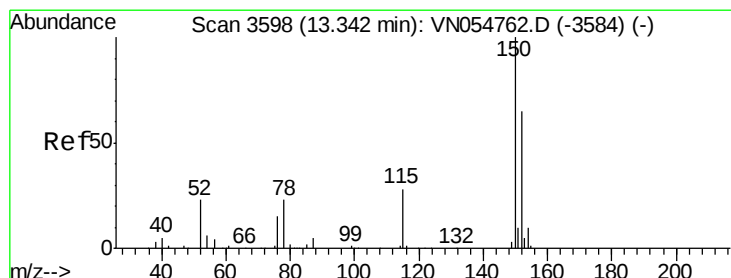
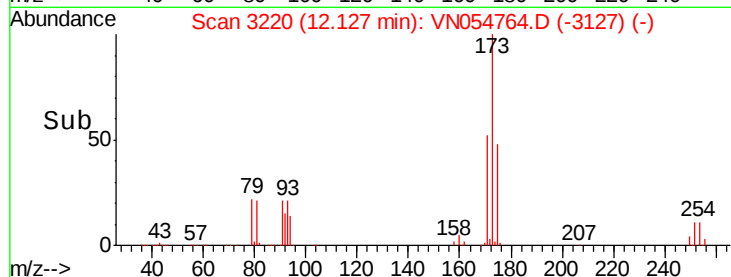
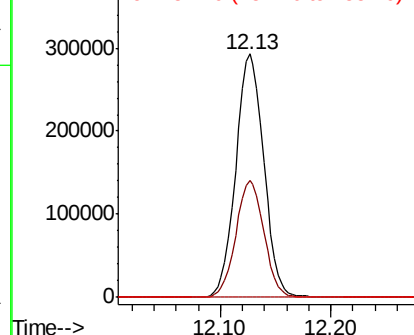


Abundance

Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

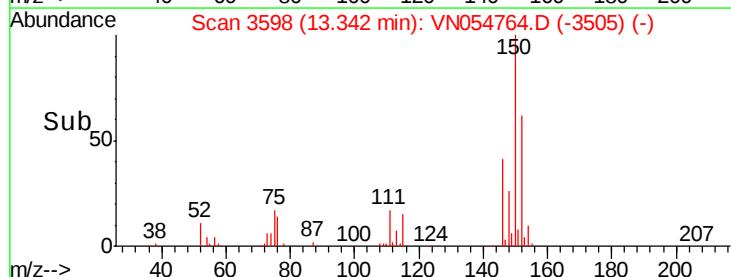
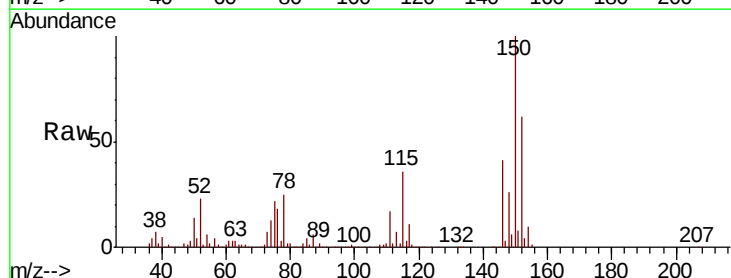
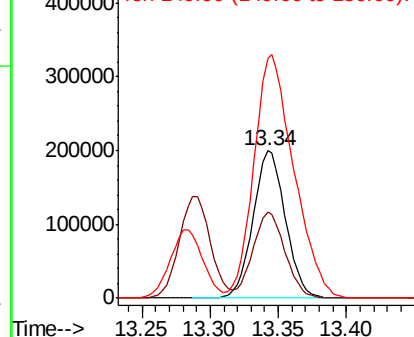
Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	27.2	81.6
150	204.0	0.0	349.2

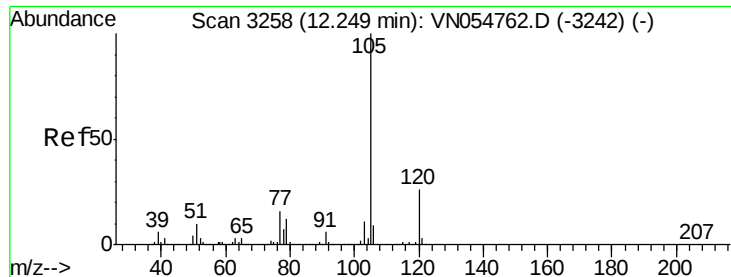
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 129.477 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion:105 Resp: 3463843

Ion Ratio Lower Upper

105 100

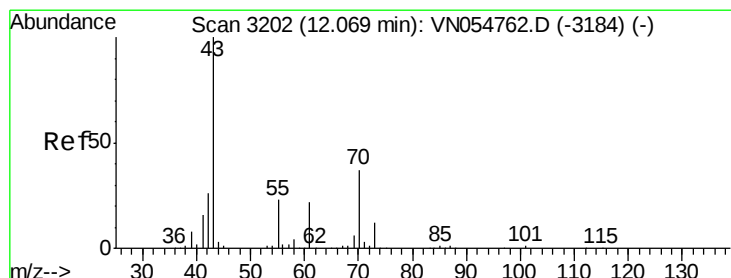
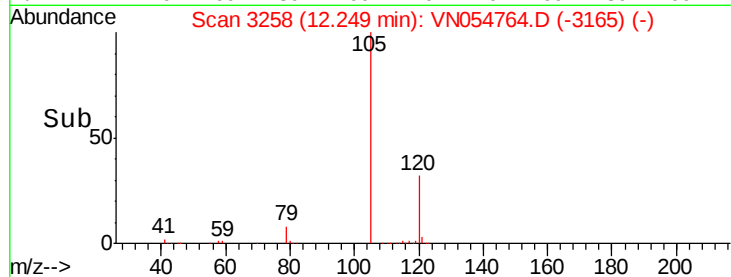
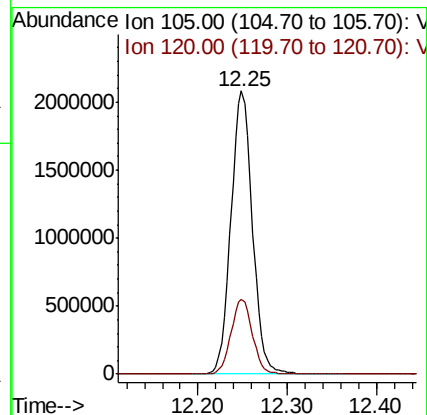
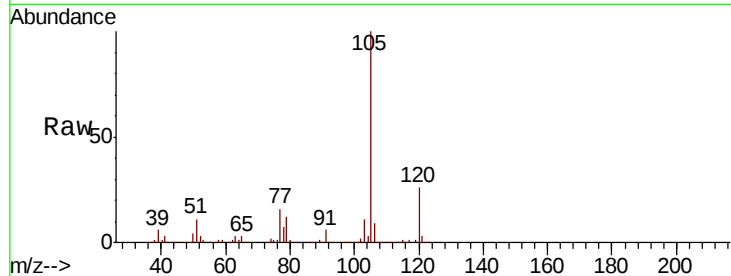
120 26.5 13.8 41.3

Manual Integrations

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#74

N-ethyl acetate

Concen: 143.198 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Tgt Ion: 43 Resp: 1193485

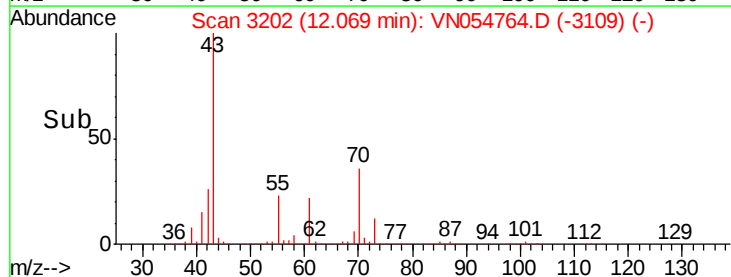
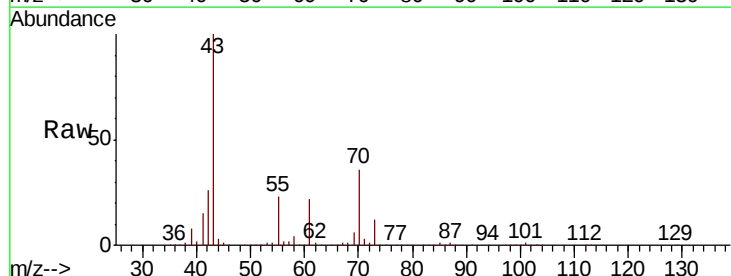
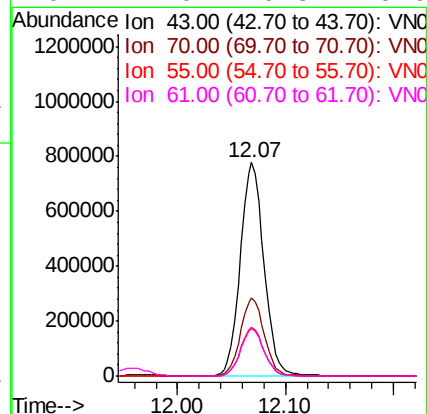
Ion Ratio Lower Upper

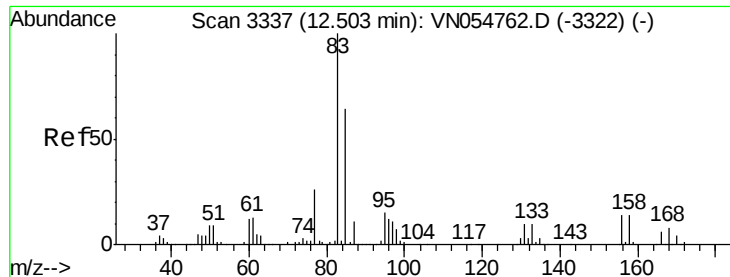
43 100

70 36.7 35.4 53.0

55 22.7 19.8 29.6

61 22.0 19.8 29.6





#75

1,1,2,2-Tetrachloroethane

Concen: 128.435 ug/l

RT: 12.50 min Scan# 3337

Delta R.T. 0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

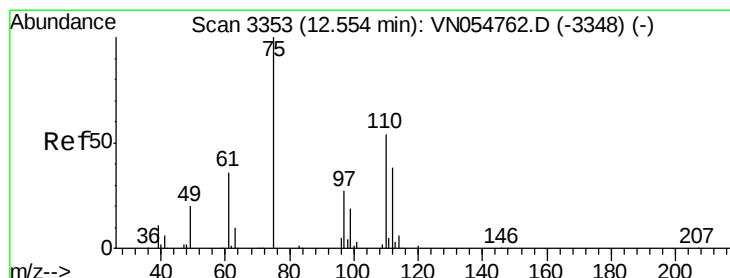
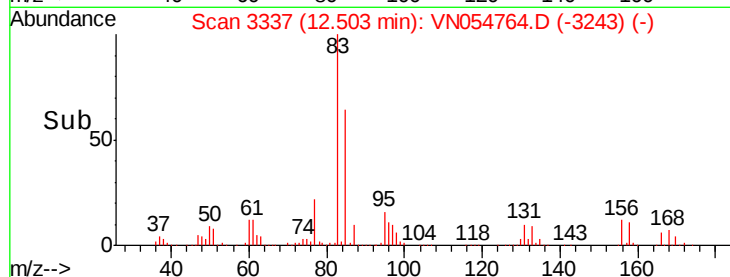
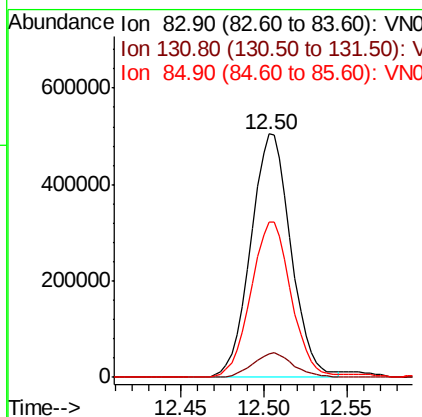
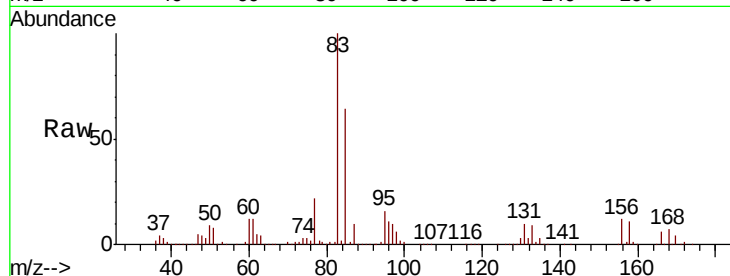
ClientSampleId :

VSTDIC150

Tot Ion:	83	Resp:	853308
Ion Ratio	Lower	Upper	
83	100		
131	10.2	5.8	17.4
85	63.8	32.2	96.6

Manual Integrations
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#76

1,2,3-Trichloropropane

Concen: 139.296 ug/l m

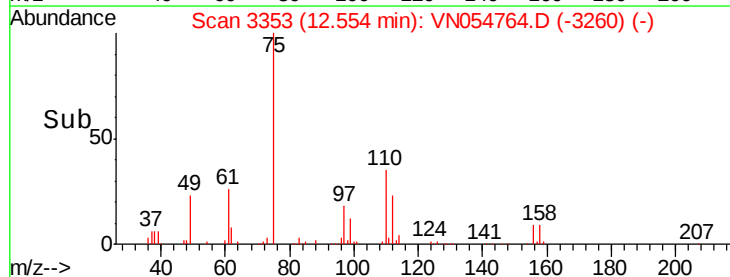
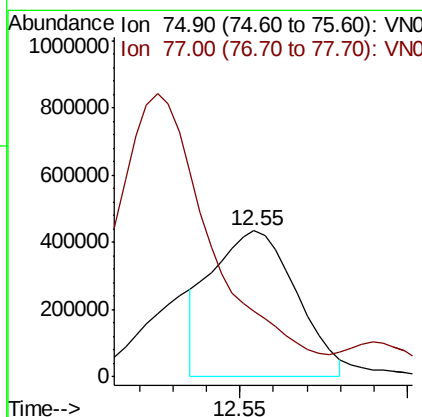
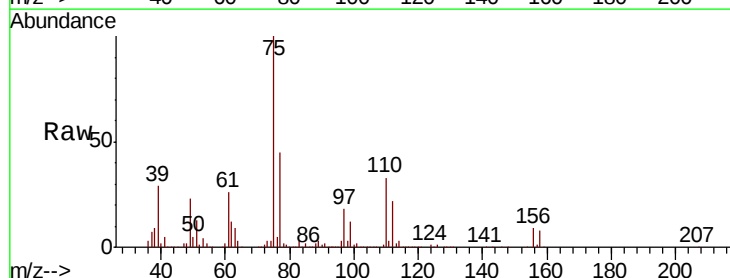
RT: 12.55 min Scan# 3353

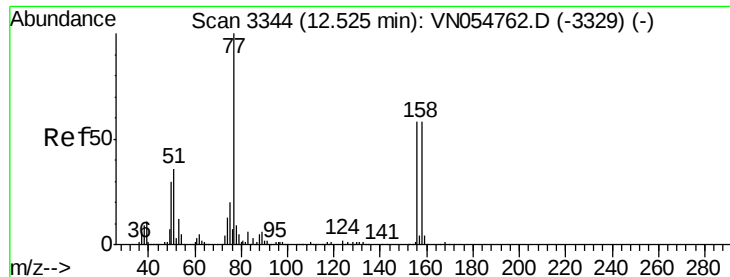
Delta R.T. 0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Tgt Ion:	75	Resp:	765598
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 135.567 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion:156 Resp: 875297

Ion Ratio Lower Upper

156 100

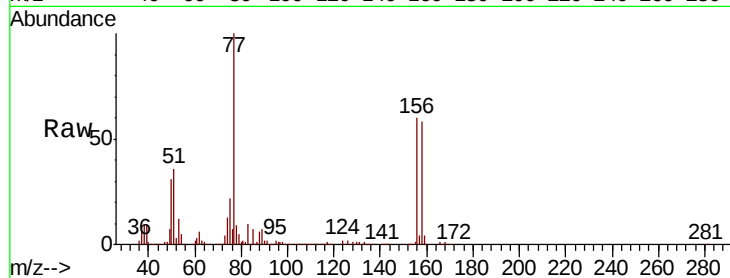
77 195.8 81.5 244.4

158 97.7 49.0 147.2

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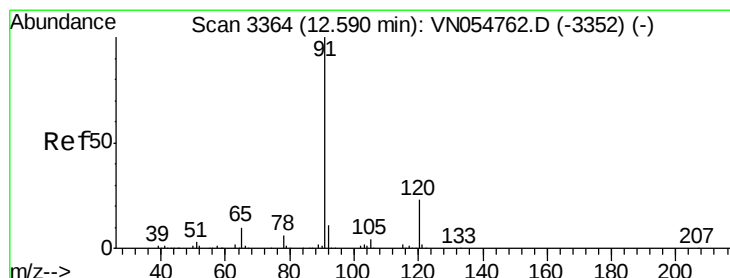
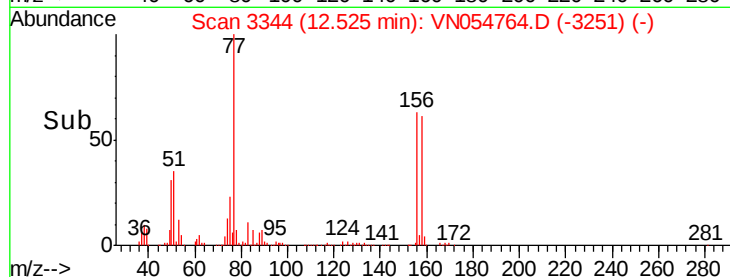
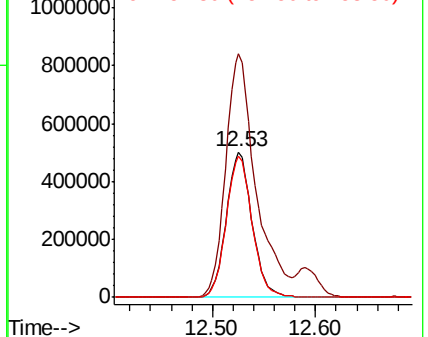
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Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 135.054 ug/l

RT: 12.59 min Scan# 3364

Delta R.T. -0.00 min

Lab File: VN054764.D

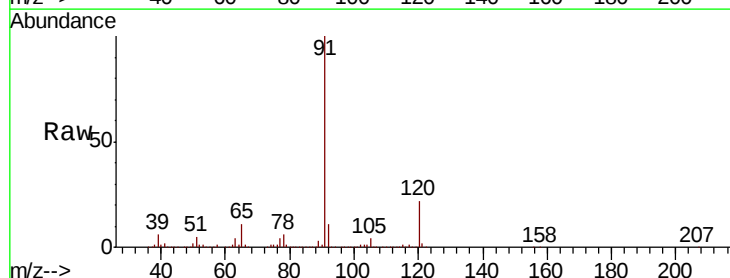
Acq: 29 Mar 2019 12:12

Tgt Ion: 91 Resp: 3971112

Ion Ratio Lower Upper

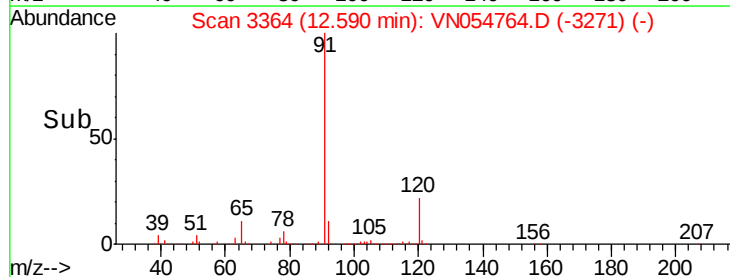
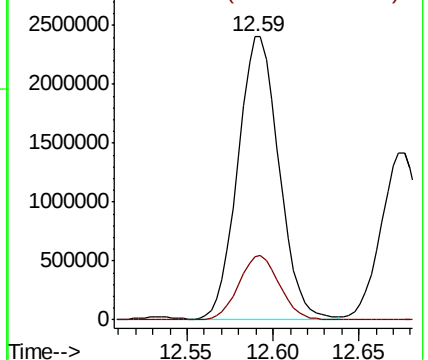
91 100

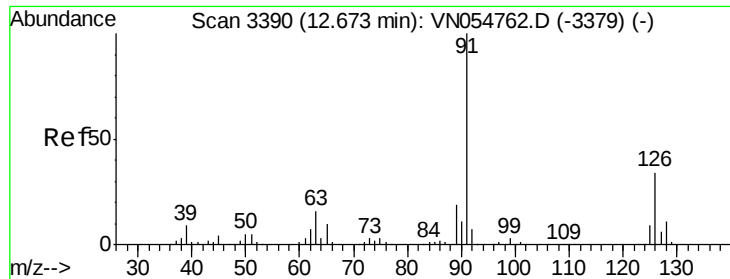
120 22.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 130.781 ug/l

RT: 12.67 min Scan# 3390

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDIC150

Tot Ion: 91 Resp: 2379064

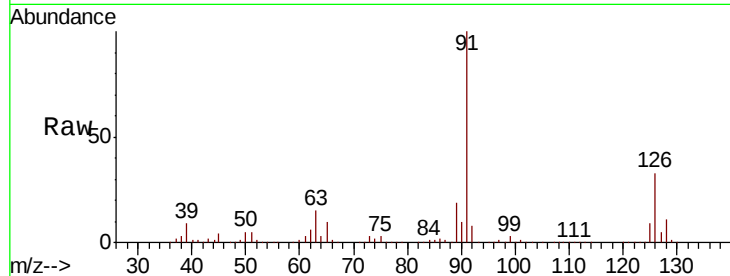
Ion Ratio Lower Upper

91 100

126 34.1 18.7 56.1

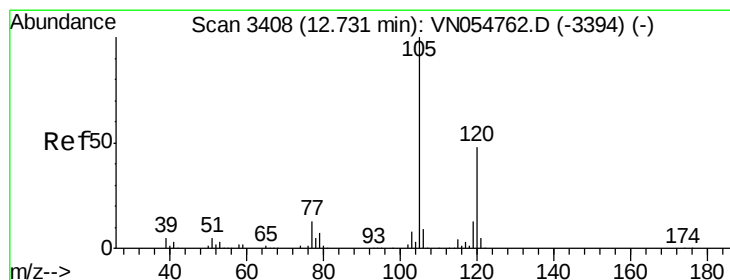
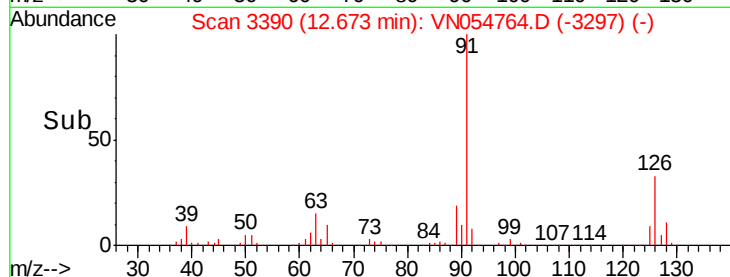
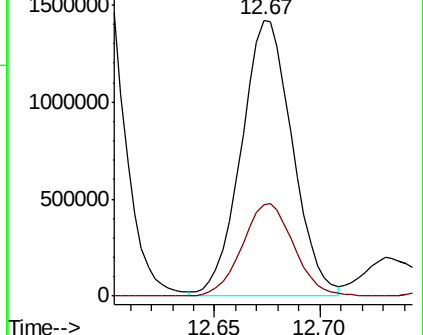
Manual Integrations
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Abundance Ion 91.00 (90.70 to 91.70): VN054762.D (-3379) (-)

Ion 125.90 (125.60 to 126.60): VN054762.D (-3379) (-)



#80

1,3,5-Trimethylbenzene

Concen: 133.197 ug/l

RT: 12.73 min Scan# 3408

Delta R.T. -0.00 min

Lab File: VN054764.D

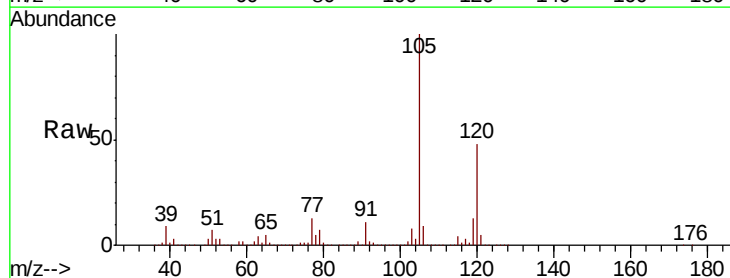
Acq: 29 Mar 2019 12:12

Tgt Ion:105 Resp: 2923844

Ion Ratio Lower Upper

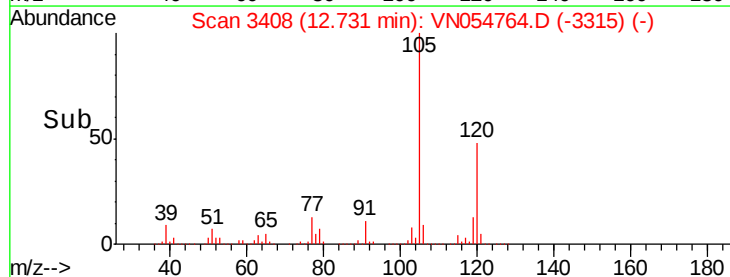
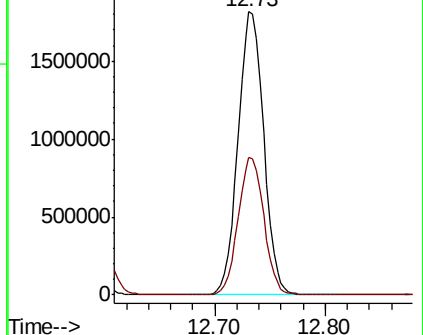
105 100

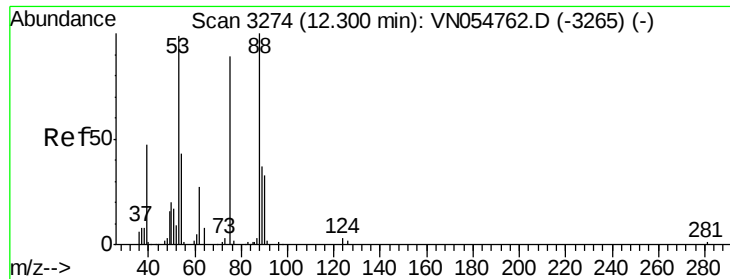
120 48.8 25.0 75.0



Abundance Ion 105.00 (104.70 to 105.70): VN054762.D (-3394) (-)

Ion 120.00 (119.70 to 120.70): VN054762.D (-3394) (-)





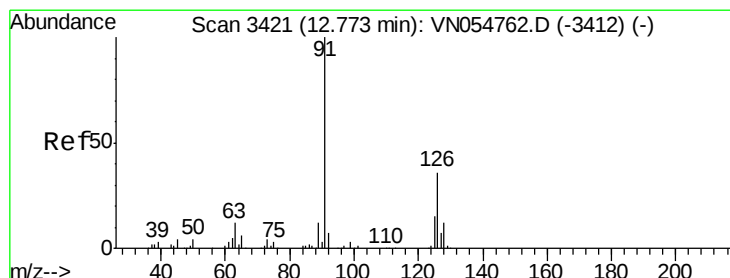
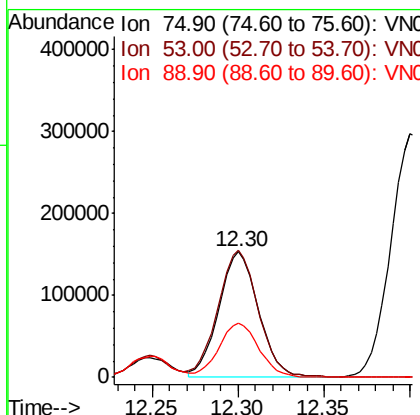
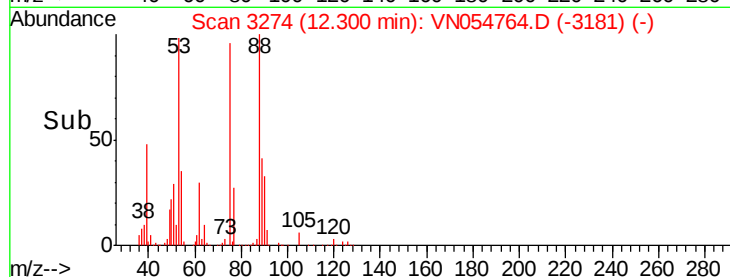
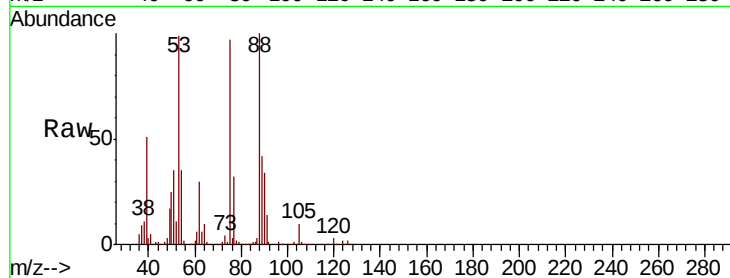
#81
trans-1,4-Dichloro-2-butene
Concen: 166.042 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
75	100		
53	104.9	76.2	114.2
89	44.6	39.2	58.8

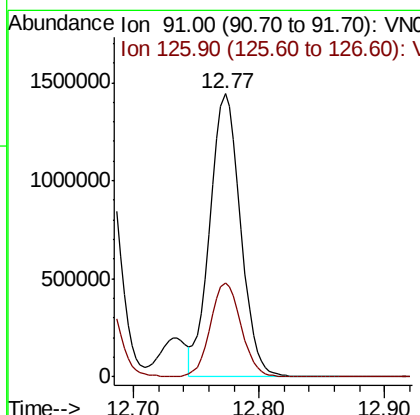
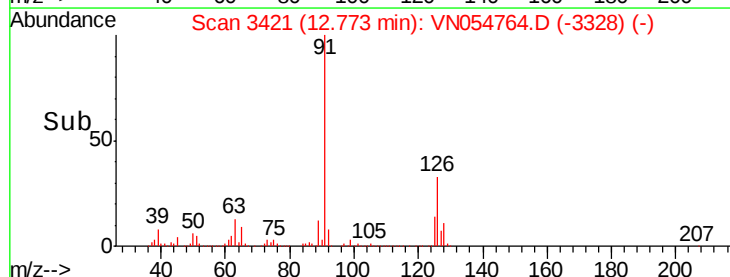
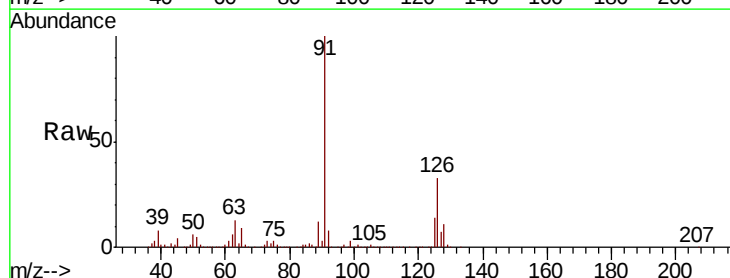
Manual Integrations
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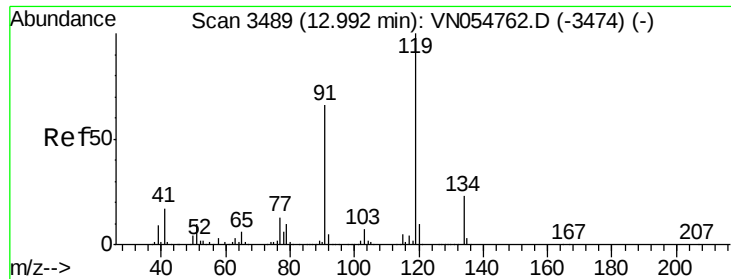
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#82
4-Chlorotoluene
Concen: 138.411 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion	Ratio	Lower	Upper
91	100		
126	33.4	18.1	54.1





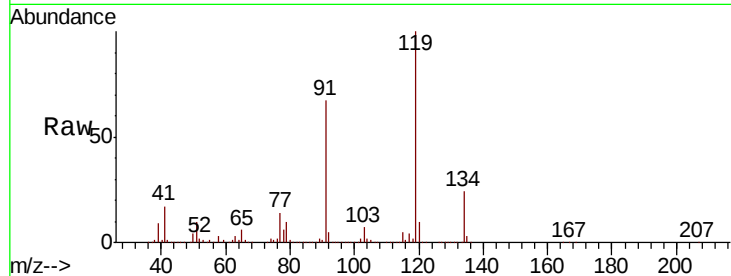
#83
tert-Butylbenzene
Concen: 128.041 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

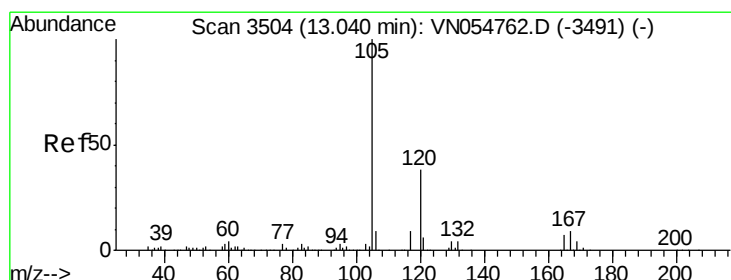
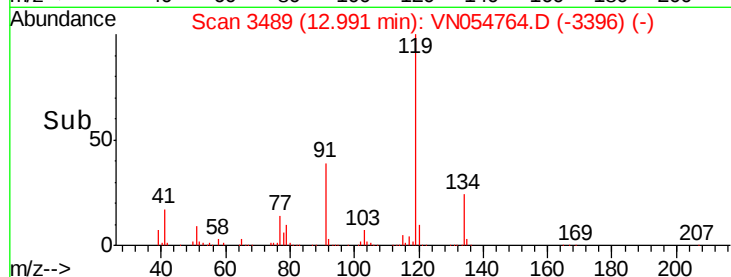
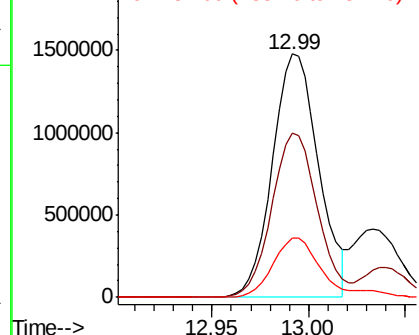
Tot Ion	Ratio	Lower	Upper
119	100		
91	66.6	30.9	92.8
134	26.5	13.2	39.6

Manual Integrations
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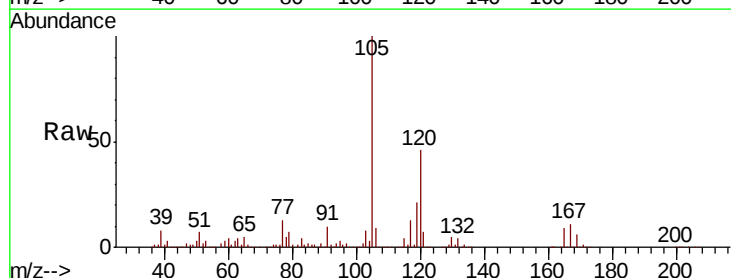


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

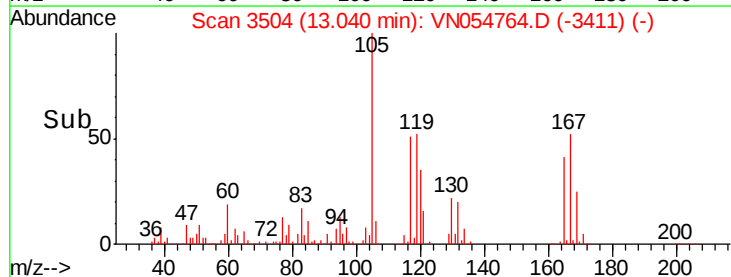
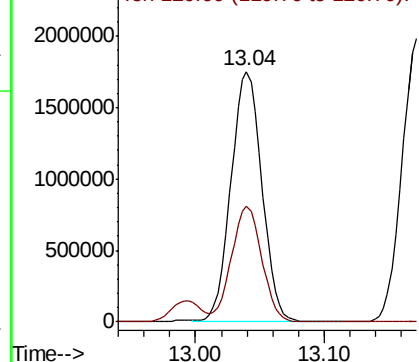


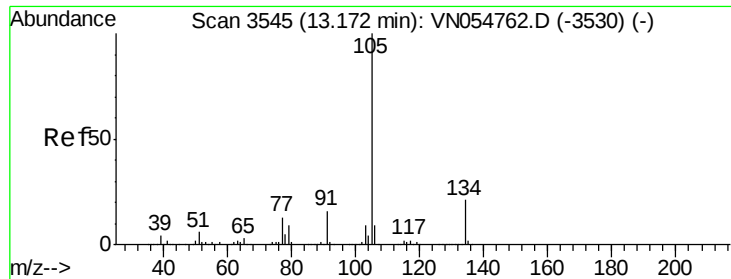
#84
1,2,4-Trimethylbenzene
Concen: 139.058 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion	Ratio	Lower	Upper
105	100		
120	45.5	23.4	70.3



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 133.331 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

Instrument :

MSVOA_N

ClientSampled :

VSTDIC150

Tot Ion:105 Resp: 3179392

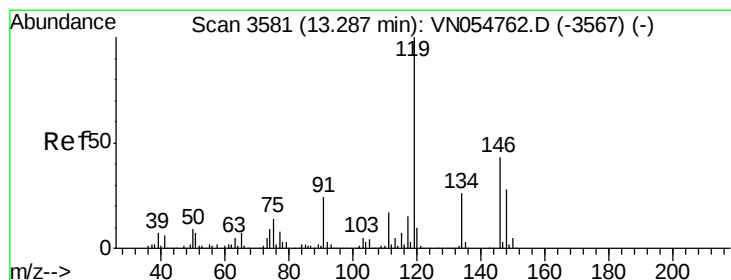
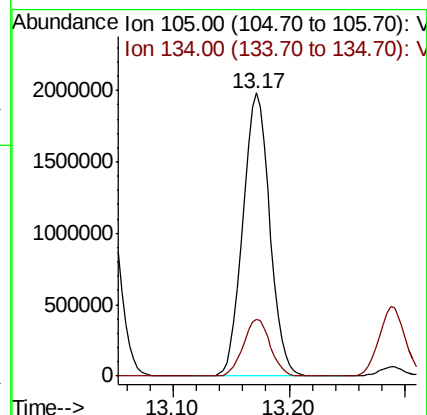
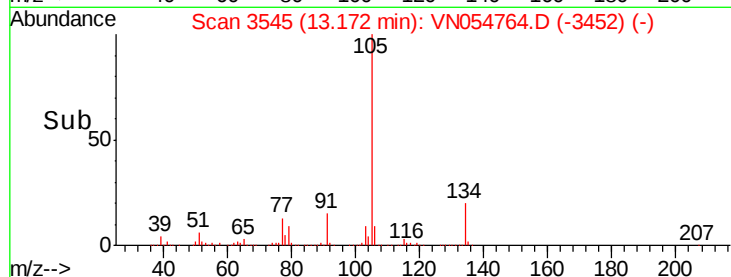
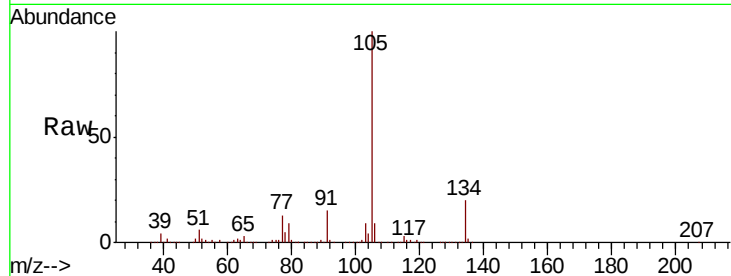
Ion Ratio Lower Upper

105 100

134 20.2 10.7 32.1

Manual Integrations
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#86

p-Isopropyltoluene

Concen: 137.547 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. -0.00 min

Lab File: VN054764.D

Acq: 29 Mar 2019 12:12

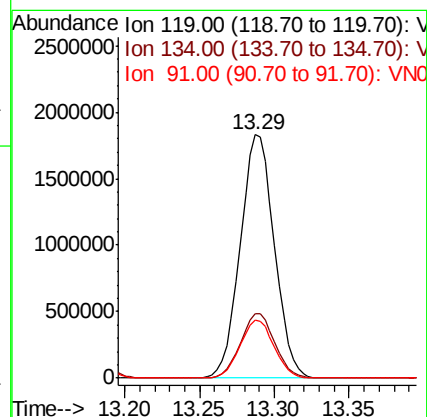
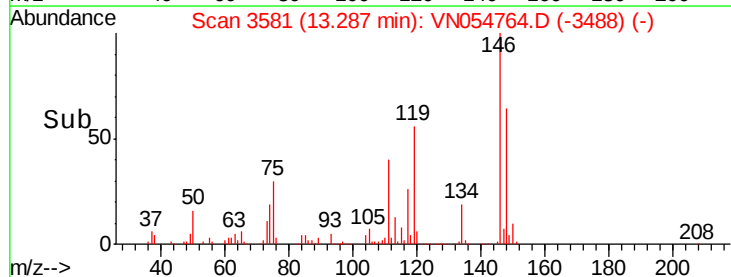
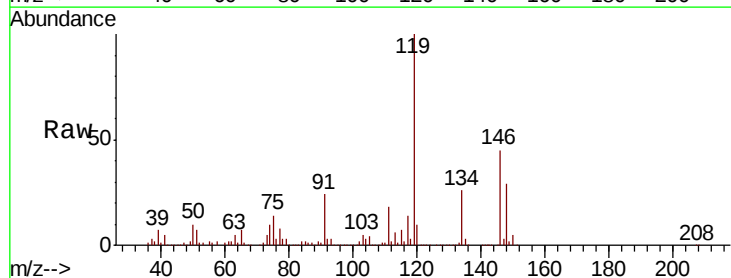
Tgt Ion:119 Resp: 2892874

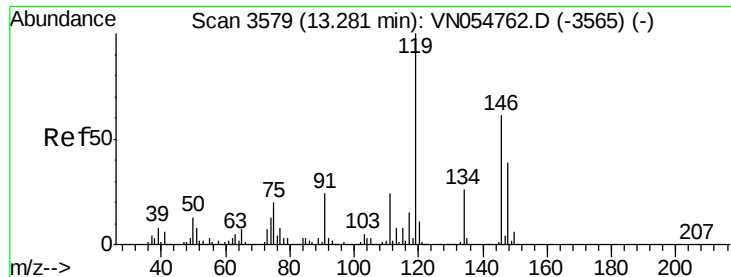
Ion Ratio Lower Upper

119 100

134 26.6 13.6 40.8

91 23.8 11.1 33.3





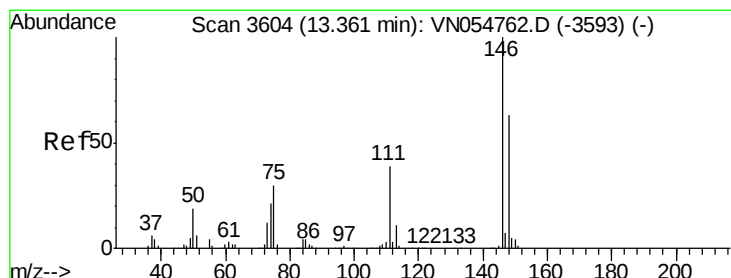
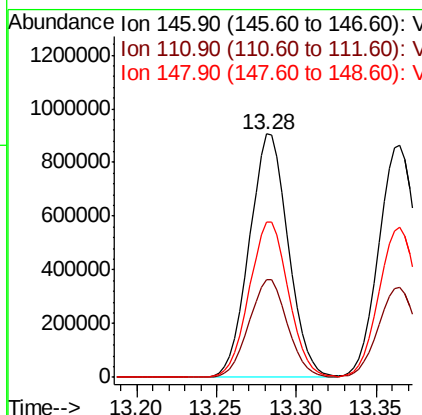
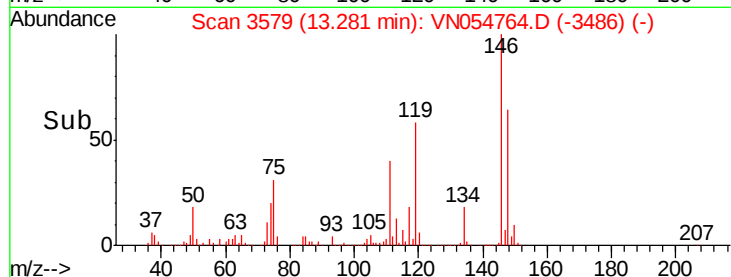
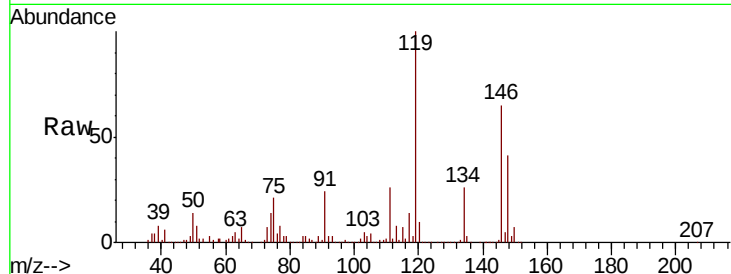
#87
 1,3-Dichlorobenzene
 Concen: 139.960 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. -0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.7	18.8	56.3
148	64.2	32.2	96.6

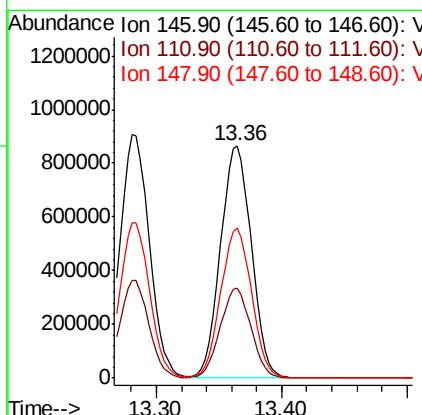
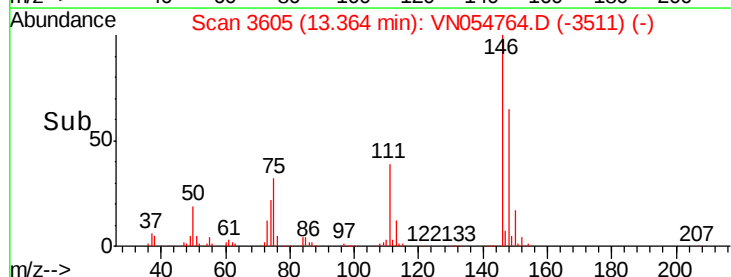
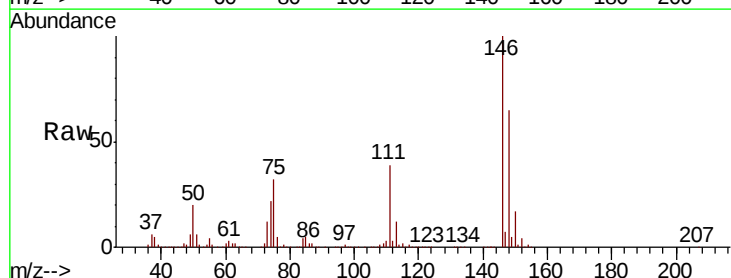
Manual Integrations
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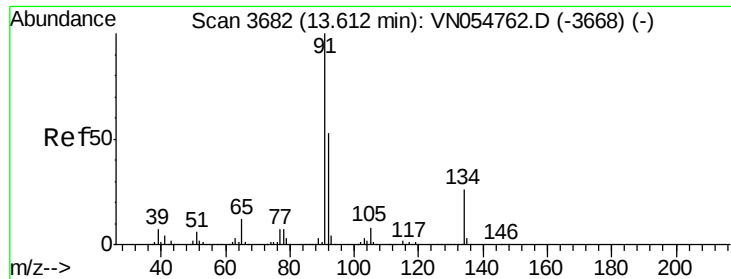
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 4/1/2019 4:00:17 PM



#88
 1,4-Dichlorobenzene
 Concen: 139.230 ug/l
 RT: 13.36 min Scan# 3605
 Delta R.T. 0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.1	54.1
148	64.4	32.0	96.0





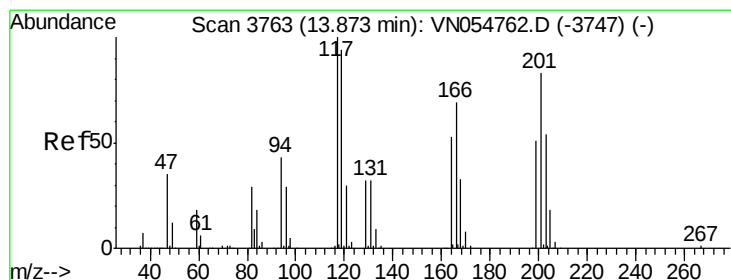
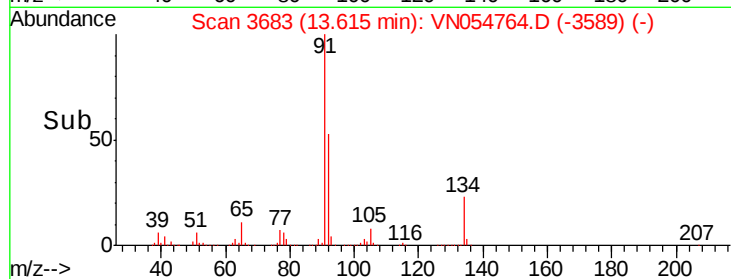
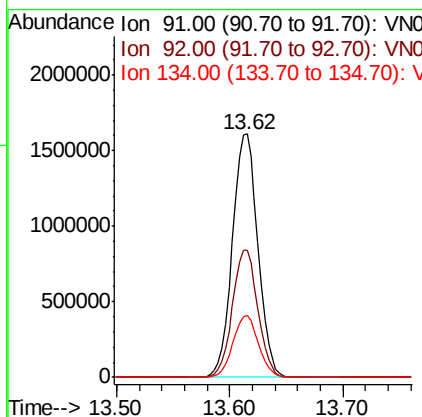
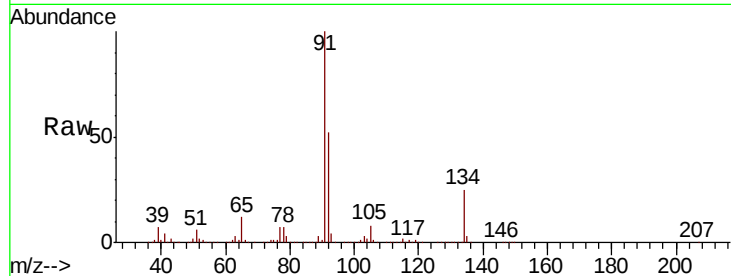
#89
n-Butylbenzene
Concen: 146.515 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. 0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion: 91 Resp: 2514144
Ion Ratio Lower Upper
91 100
92 52.2 26.2 78.6
134 25.4 14.3 42.9

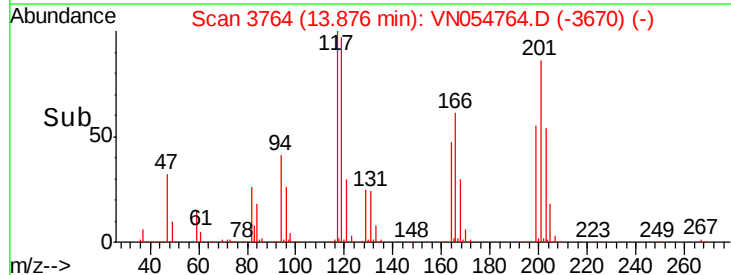
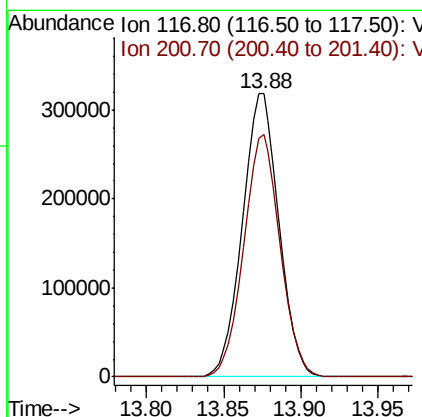
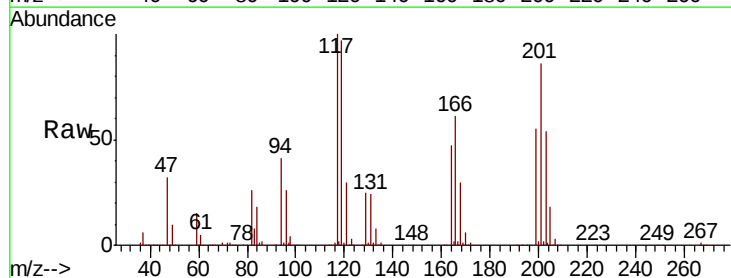
Manual Integrations
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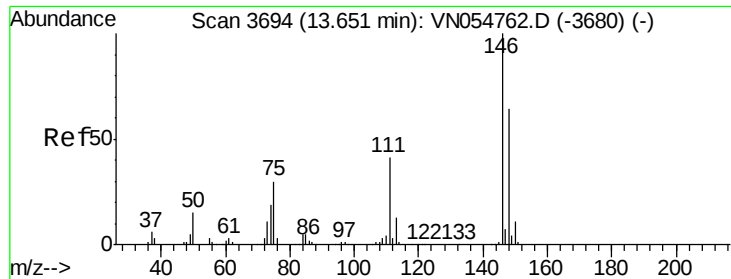
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#90
Hexachloroethane
Concen: 146.708 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion: 117 Resp: 523878
Ion Ratio Lower Upper
117 100
201 85.0 48.1 144.4





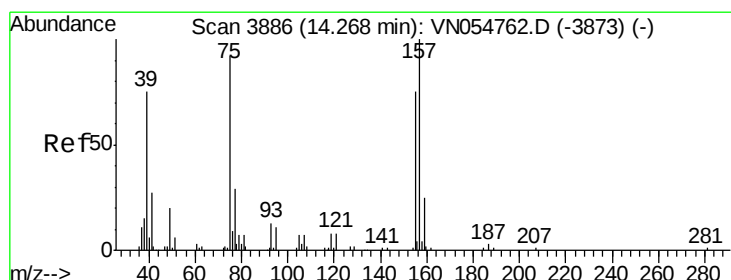
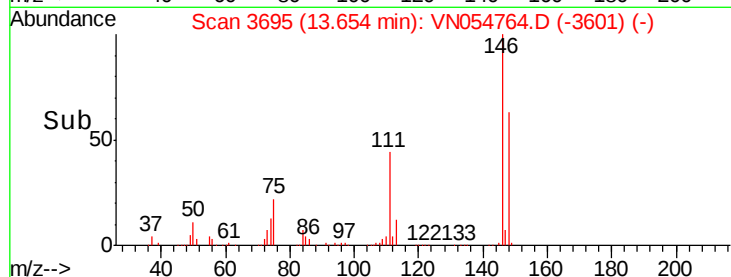
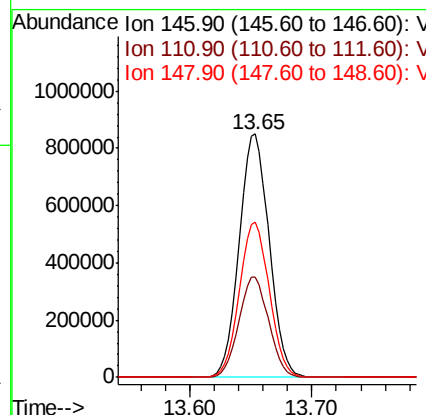
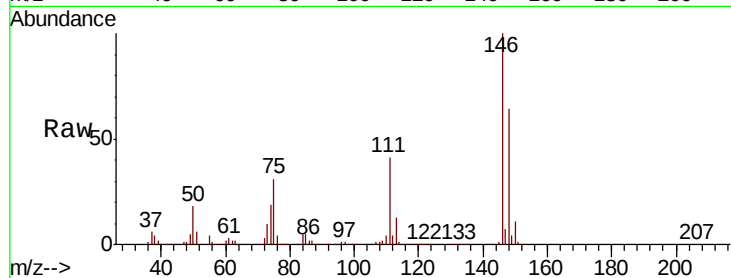
#91
 1,2-Dichlorobenzene
 Concen: 132.302 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. 0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDIC150

Tot Ion	Ratio	Lower	Upper
146	100		
111	41.2	19.1	57.3
148	63.7	32.4	97.0

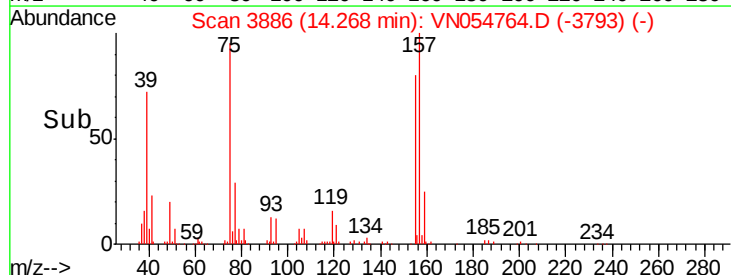
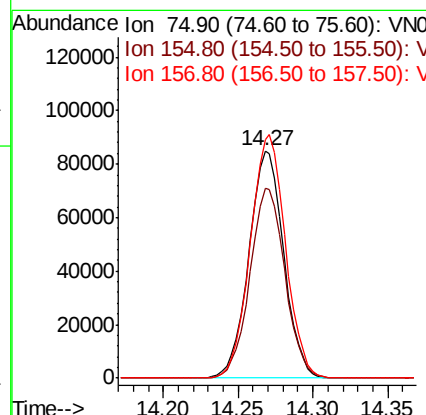
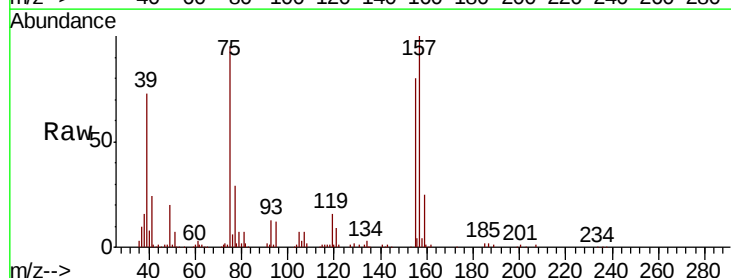
Manual Integrations
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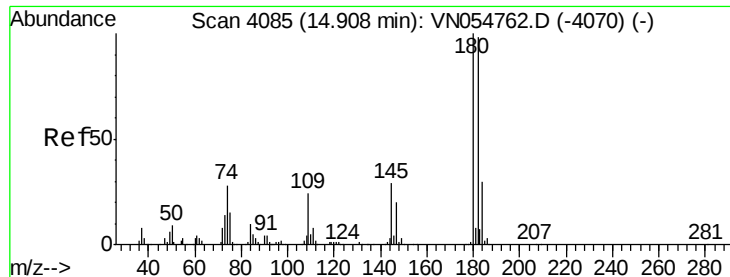
MMDadoda
 4/1/2019 4:00:17 PM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 150.593 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. -0.00 min
 Lab File: VN054764.D
 Acq: 29 Mar 2019 12:12

Tgt Ion	Ratio	Lower	Upper
75	100		
155	83.7	50.1	150.3
157	107.9	63.1	189.3





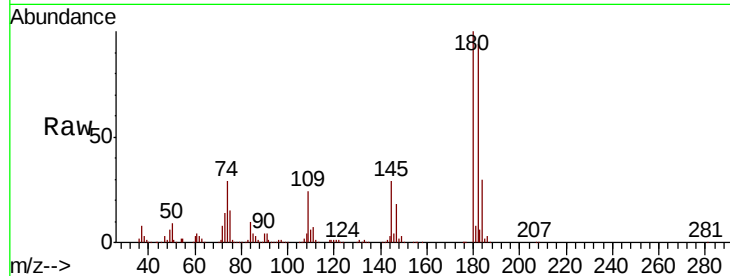
#93
1,2,4-Trichlorobenzene
Concen: 163.806 ug/l
RT: 14.91 min Scan# 4085
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Resp	Lower	Upper
180	100	861556		
182	94.0	48.0	144.2	
145	28.8	14.2	42.8	

Manual Integrations
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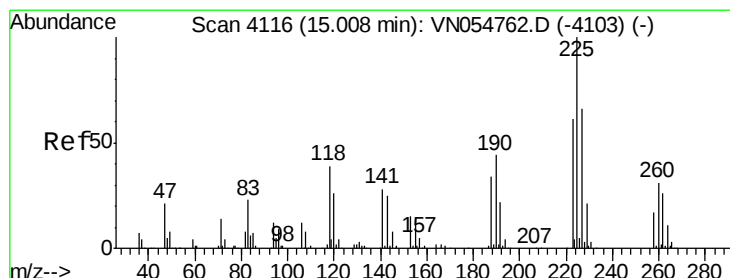
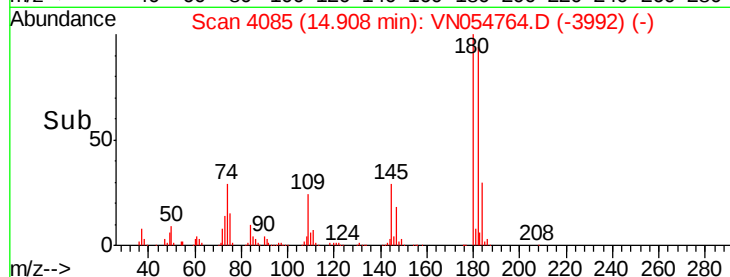
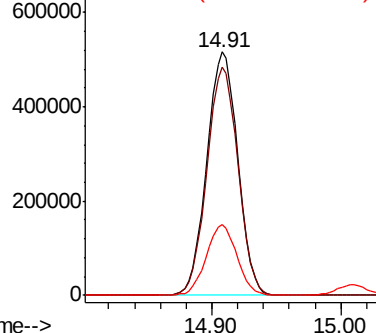


Abundance

Ion 179.80 (179.50 to 180.50): V

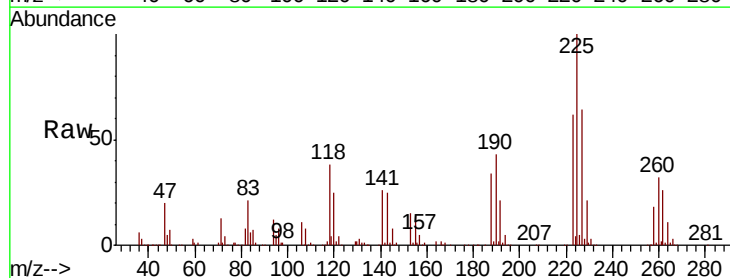
Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94
Hexachlorobutadiene
Concen: 127.118 ug/l
RT: 15.01 min Scan# 4117
Delta R.T. 0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion	Ratio	Resp	Lower	Upper
225	100	450987		
223	62.1	31.1	93.5	
227	64.3	31.9	95.9	

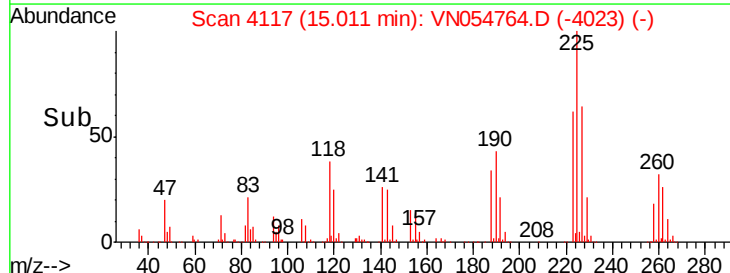
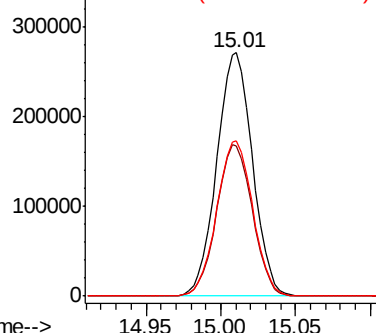


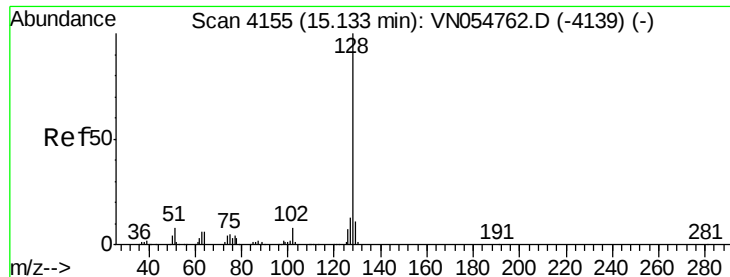
Abundance

Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





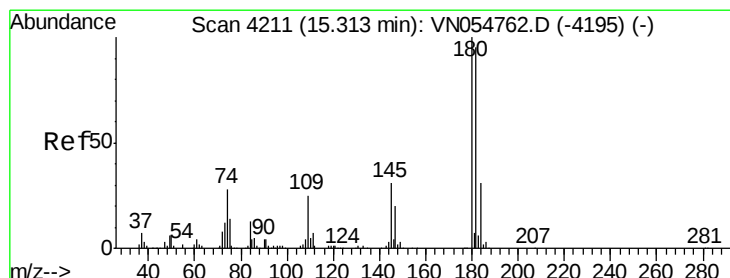
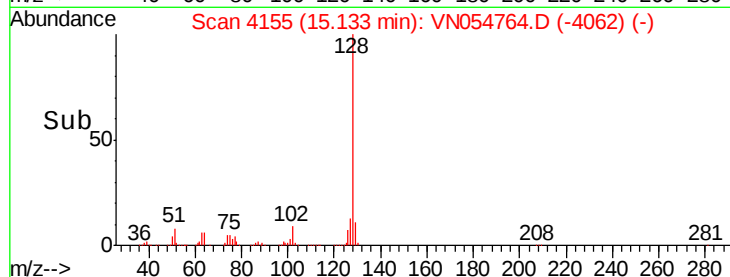
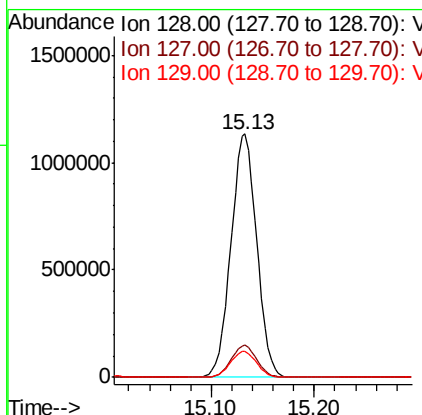
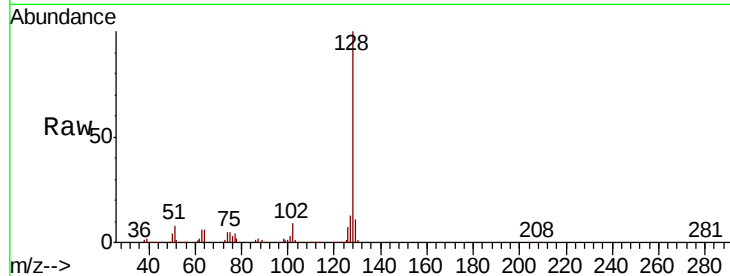
#95
Naphthalene
Concen: 166.763 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDIC150

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.1	15.1
129	10.8	8.7	13.1

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 153.352 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN054764.D
Acq: 29 Mar 2019 12:12

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.5	142.6
145	31.4	14.8	44.3

