

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN100918\
 Data File : VN051758.D
 Acq On : 9 Oct 2018 19:22
 Operator : MD\SY
 Sample : J5165-08MSD 10X
 Misc : 5.88g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 28

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H-092718(7-10)MSD

Manual Integrations
 APPROVED

MMDadoda
 10/10/2018 10:50:22 AM

Quant Time: Oct 10 04:24:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N100418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 09 06:03:49 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.67	168	676697	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.59	114	1011909	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	969212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	564123	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.03	65	415802	46.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.02%	
35) Dibromofluoromethane	7.59	113	394232	50.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.78%	
50) Toluene-d8	10.09	98	1456366	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	12.40	95	524379	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.85	85	418168	49.425	ug/l	100
3) Chloromethane	2.06	50	332328	43.033	ug/l	98
4) Vinyl Chloride	2.18	62	514553	42.298	ug/l	98
5) Bromomethane	2.54	94	435213	46.521	ug/l	99
6) Chloroethane	2.69	64	350734	42.898	ug/l	99
7) Trichlorofluoromethane	3.00	101	697197	55.190	ug/l	99
8) Diethyl Ether	3.41	74	173818	49.033	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	3.75	101	322477	47.694	ug/l	97
10) Methyl Iodide	3.95	142	442283	49.498	ug/l	100
11) Tert butyl alcohol	4.79	59	156877	258.217	ug/l	99
12) 1,1-Dichloroethene	3.73	96	292314	46.385	ug/l	97
13) Acrolein	3.61	56	66929	164.815	ug/l	94
14) Allyl chloride	4.32	41	405386	42.177	ug/l	97
15) Acrylonitrile	4.99	53	523010	249.469	ug/l	99
16) Acetone	3.82	43	361555	241.021	ug/l	99
17) Carbon Disulfide	4.05	76	794313	41.467	ug/l	99
18) Methyl Acetate	4.33	43	266639	54.039	ug/l	95
19) Methyl tert-butyl Ether	5.05	73	1007640	48.442	ug/l	100
20) Methylene Chloride	4.55	84	354687	48.225	ug/l	94
21) trans-1,2-Dichloroethene	5.04	96	351833	47.114	ug/l	91
22) Diisopropyl ether	5.96	45	904317	43.892	ug/l	96
23) Vinyl Acetate	5.90	43	3307688	218.338	ug/l	95
24) 1,1-Dichloroethane	5.85	63	602989	45.506	ug/l	99
25) 2-Butanone	6.84	43	603562	233.813	ug/l	97
26) 2,2-Dichloropropane	6.83	77	575256	43.321	ug/l	96
27) cis-1,2-Dichloroethene	6.83	96	421188	48.585	ug/l	93
28) Bromochloromethane	7.20	49	251749	42.914	ug/l	83
29) Tetrahydrofuran	7.22	42	380450	240.166	ug/l	91
30) Chloroform	7.37	83	712117	47.832	ug/l	100
31) Cyclohexane	7.65	56	505353	41.643	ug/l	95
32) 1,1,1-Trichloroethane	7.57	97	686689	47.585	ug/l	98
36) 1,1-Dichloropropene	7.80	75	498441	47.125	ug/l	97
37) Ethyl Acetate	6.93	43	271007	49.127	ug/l	98
38) Carbon Tetrachloride	7.78	117	624734	49.224	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.08	83	618740	46.602	ug/l	96
40) Benzene	8.04	78	1517225	48.389	ug/l	99
41) Methacrylonitrile	7.18	41	143176	50.376	ug/l	95
42) 1,2-Dichloroethane	8.13	62	501825	47.490	ug/l	99
43) Isopropyl Acetate	8.17	43	532246	46.277	ug/l #	85
44) Trichloroethene	8.84	130	450725	50.626	ug/l	99
45) 1,2-Dichloropropane	9.12	63	356430	45.978	ug/l	98
46) Dibromomethane	9.21	93	272104	50.498	ug/l	98
47) Bromodichloromethane	9.40	83	572049	48.226	ug/l	99
48) Methyl methacrylate	9.20	41	248833	47.348	ug/l	94
49) 1,4-Dioxane	9.20	88	88594	1124.235	ug/l	95
51) 4-Methyl-2-Pentanone	9.99	43	1442495	247.511	ug/l	97
52) Toluene	10.16	92	1026316	49.213	ug/l	100
53) t-1,3-Dichloropropene	10.38	75	573522	46.857	ug/l	100
54) cis-1,3-Dichloropropene	9.84	75	609646	46.905	ug/l	96
55) 1,1,2-Trichloroethane	10.56	97	387133	52.111	ug/l	98
56) Ethyl methacrylate	10.43	69	477459	50.821	ug/l	95
57) 1,3-Dichloropropane	10.71	76	588275	50.032	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.70	63	983667	252.988	ug/l	96
59) 2-Hexanone	10.75	43	970649	245.238	ug/l	99
60) Dibromochloromethane	10.90	129	487455	50.139	ug/l	98
61) 1,2-Dibromoethane	11.01	107	408372	51.998	ug/l	99
64) Tetrachloroethene	10.63	164	431738	50.491	ug/l	98
65) Chlorobenzene	11.44	112	1201944	50.072	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	472360	49.146	ug/l	98
67) Ethyl Benzene	11.51	91	2031151	48.955	ug/l	99
68) m/p-Xylenes	11.62	106	1647749	99.257	ug/l	98
69) o-Xylene	11.95	106	818288	50.262	ug/l	97
70) Styrene	11.97	104	1307371	50.396	ug/l	98
71) Bromoform	12.13	173	350428	49.018	ug/l #	100
73) Isopropylbenzene	12.25	105	2194753	45.640	ug/l	100
74) N-amyl acetate	12.07	43	479565	48.129	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.51	83	489476	52.708	ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	389044m	55.995	ug/l	
77) Bromobenzene	12.53	156	554300	47.142	ug/l	96
78) n-propylbenzene	12.59	91	2407954	45.909	ug/l	99
79) 2-Chlorotoluene	12.68	91	1411029	45.647	ug/l	99
80) 1,3,5-Trimethylbenzene	12.73	105	1887295	46.571	ug/l	98
81) trans-1,4-Dichloro-2-buten	12.30	75	135696	44.217	ug/l	98
82) 4-Chlorotoluene	12.77	91	1437816	46.302	ug/l	98
83) tert-Butylbenzene	12.99	119	1721767	47.415	ug/l	97
84) 1,2,4-Trimethylbenzene	13.04	105	2087373	51.423	ug/l	99
85) sec-Butylbenzene	13.17	105	2291518	47.706	ug/l	98
86) p-Isopropyltoluene	13.29	119	2085099	48.966	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	1036448	50.587	ug/l	99
88) 1,4-Dichlorobenzene	13.36	146	1013739	50.268	ug/l	100
89) n-Butylbenzene	13.62	91	1656175	49.190	ug/l	99
90) Hexachloroethane	13.88	117	384794	45.291	ug/l	100
91) 1,2-Dichlorobenzene	13.65	146	1021464	50.151	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	78944	46.733	ug/l	89

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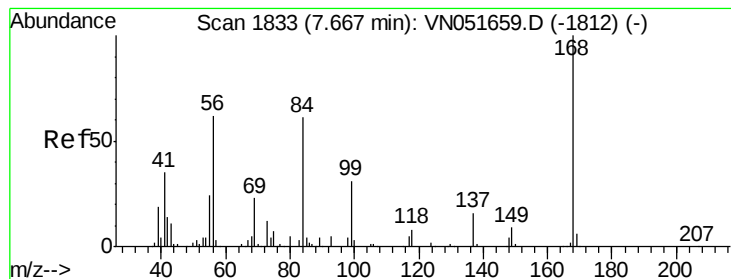
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	507791	56.027	ug/l	100
94) Hexachlorobutadiene	15.01	225	327199	53.209	ug/l	99
95) Naphthalene	15.13	128	1086241	55.500	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	496006	55.568	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.67 min Scan# 1834

Delta R.T. 0.00 min

Lab File: VN051758.D

Acq: 9 Oct 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H-092718(7-10)MSD

Tot Ion:168 Resp: 676697

Ion Ratio Lower Upper

168 100

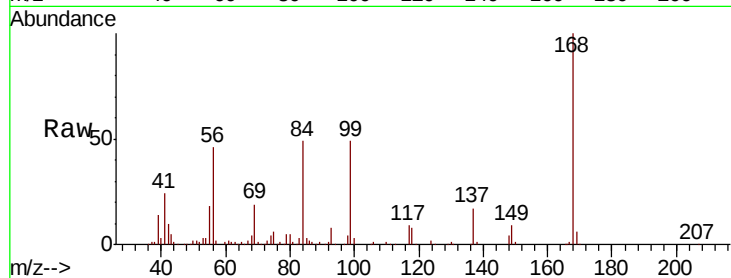
99 48.3 40.4 60.6

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.67

300000

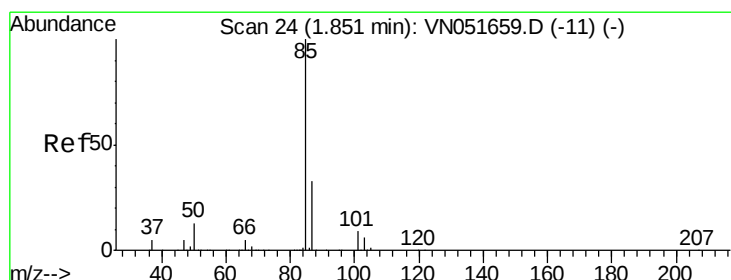
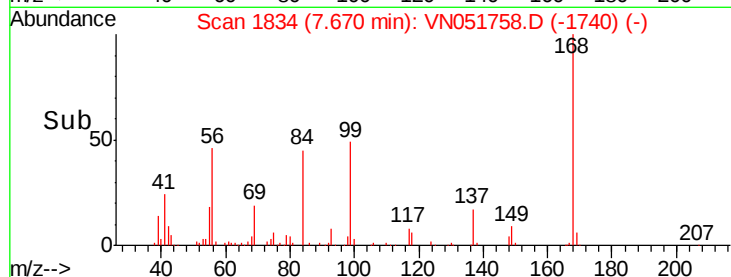
200000

100000

0

7.55 7.60 7.65 7.70 7.75

Time-->



#2

Dichlorodifluoromethane

Concen: 49.425 ug/l

RT: 1.85 min Scan# 24

Delta R.T. 0.00 min

Lab File: VN051758.D

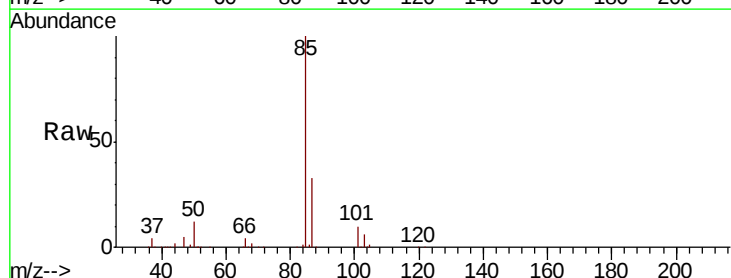
Acq: 9 Oct 2018 19:22

Tgt Ion: 85 Resp: 418168

Ion Ratio Lower Upper

85 100

87 32.9 16.4 49.4



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.85

300000

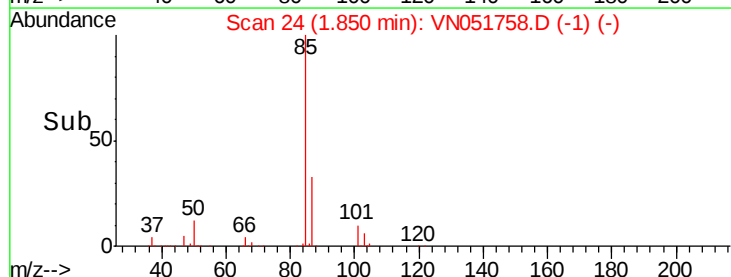
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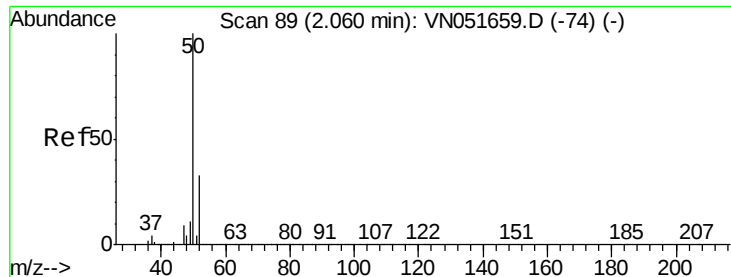
100000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 43.033 ug/l

RT: 2.06 min Scan# 88

Delta R.T. -0.00 min

Lab File: VN051758.D

Acq: 9 Oct 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H-092718(7-10)MSD

Tot Ion: 50 Resp: 332328

Ion Ratio Lower Upper

50 100

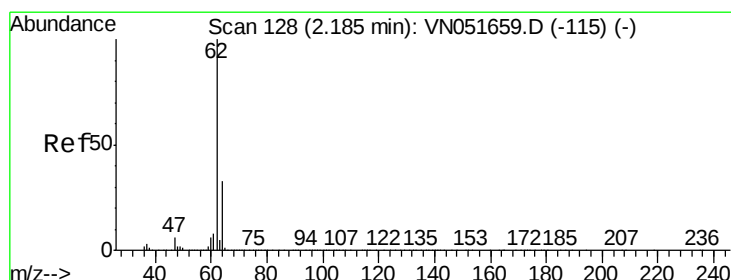
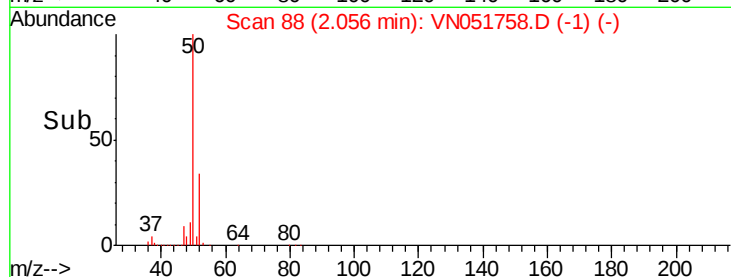
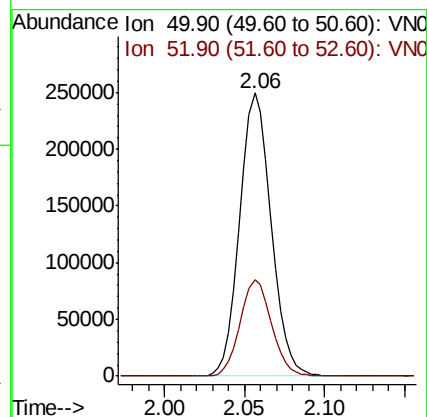
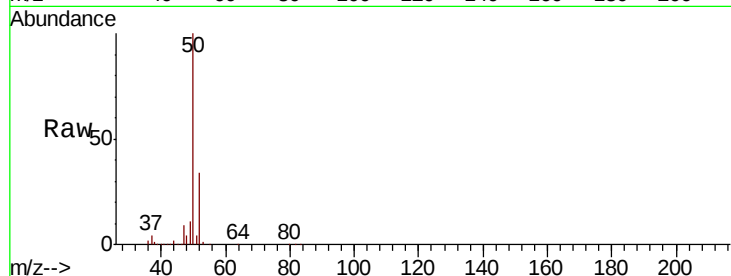
52 34.1 26.6 39.8

Manual Integrations

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#4

Vinyl Chloride

Concen: 42.298 ug/l

RT: 2.18 min Scan# 127

Delta R.T. -0.00 min

Lab File: VN051758.D

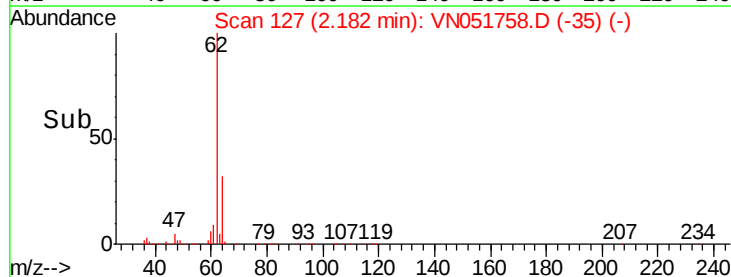
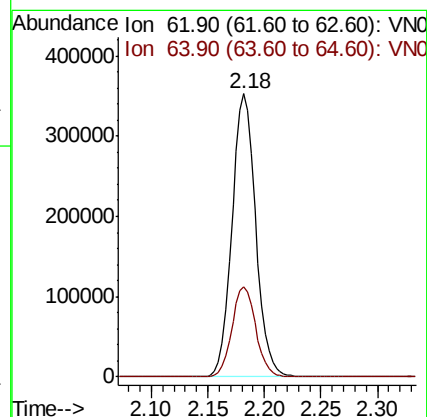
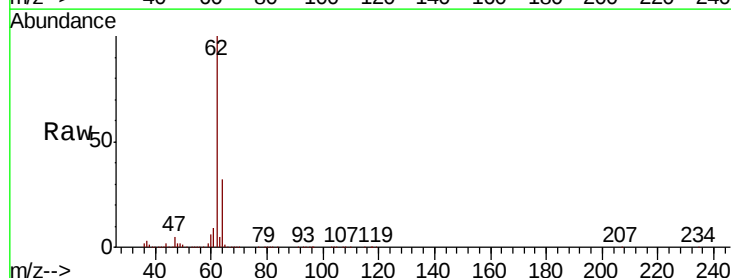
Acq: 9 Oct 2018 19:22

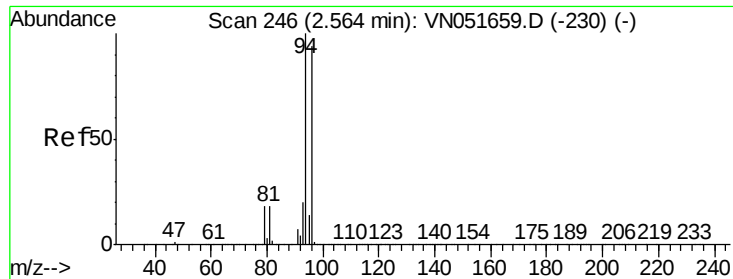
Tgt Ion: 62 Resp: 514553

Ion Ratio Lower Upper

62 100

64 31.9 26.2 39.4





#5

Bromomethane

Concen: 46.521 ug/l

RT: 2.54 min Scan# 239

Delta R.T. -0.02 min

Lab File: VN051758.D

Acq: 9 Oct 2018 19:22

Instrument :

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ClientSampleId :

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Tot Ion: 94 Resp: 435213

Ion Ratio Lower Upper

94 100

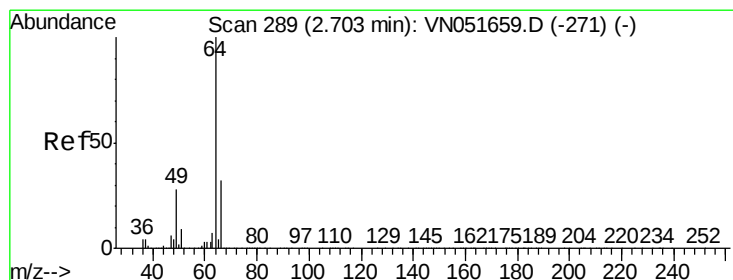
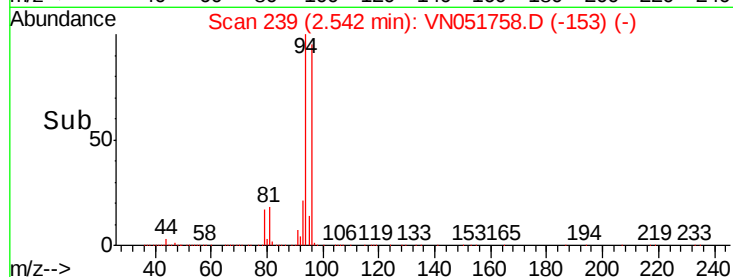
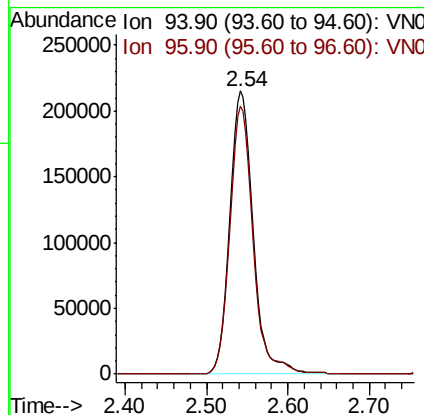
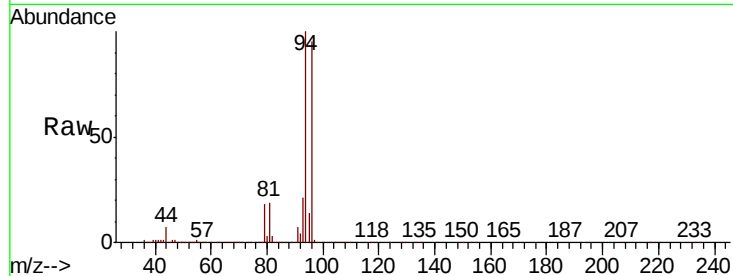
96 94.7 75.2 112.8

Manual Integrations

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#6

Chloroethane

Concen: 42.898 ug/l

RT: 2.69 min Scan# 285

Delta R.T. -0.01 min

Lab File: VN051758.D

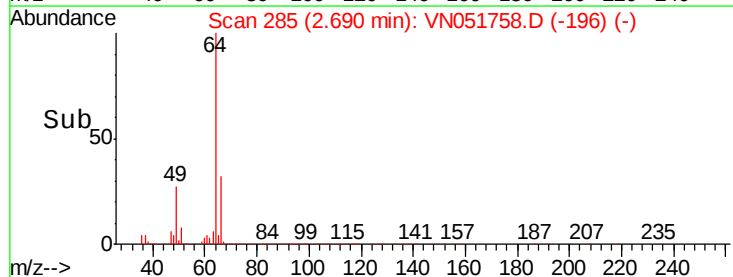
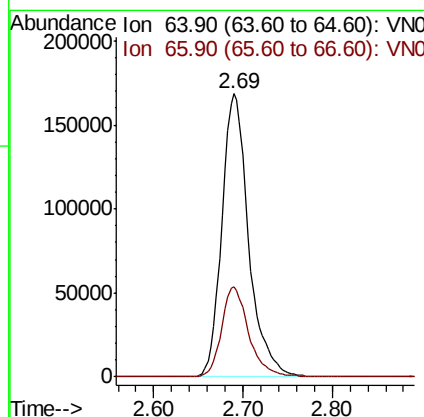
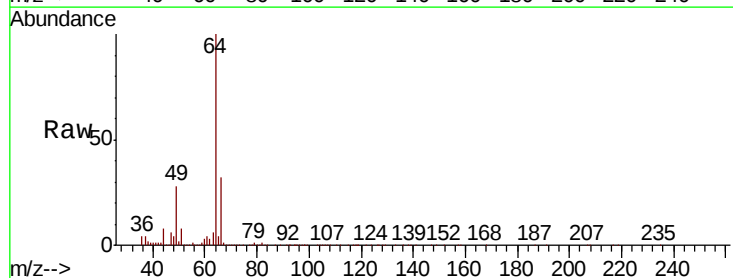
Acq: 9 Oct 2018 19:22

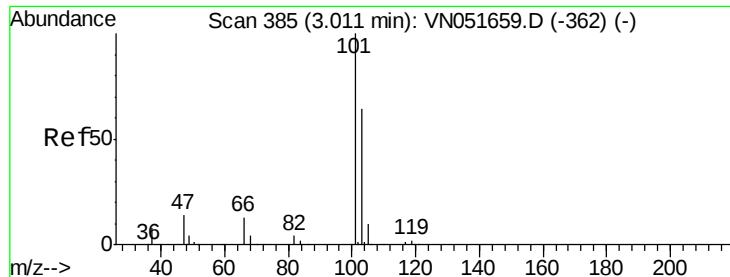
Tgt Ion: 64 Resp: 350734

Ion Ratio Lower Upper

64 100

66 31.8 26.0 39.0





#7

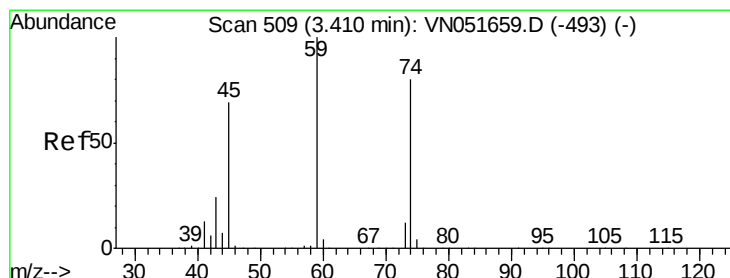
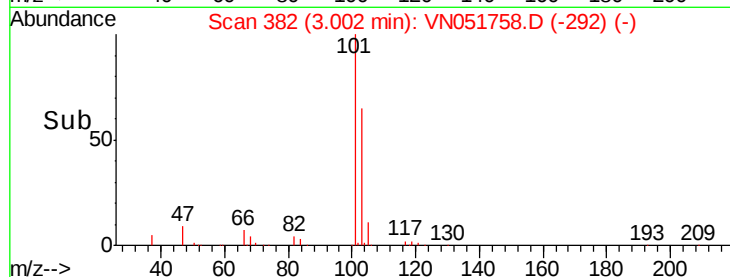
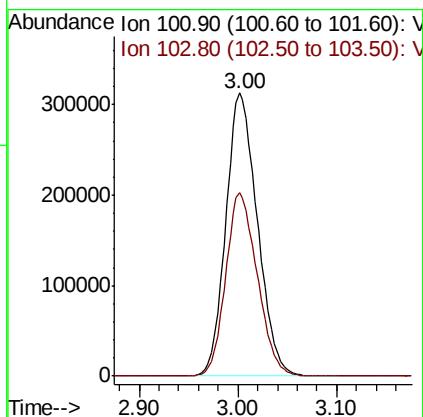
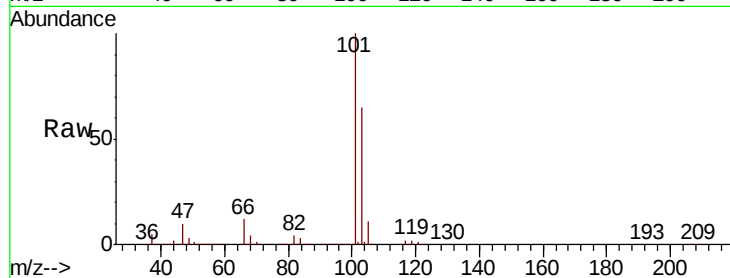
Trichlorofluoromethane
 Concen: 55.190 ug/l
 RT: 3.00 min Scan# 382
 Delta R.T. -0.01 min
 Lab File: VN051758.D
 Acq: 9 Oct 2018 19:22

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Tot Ion	Ratio	Lower	Upper
101	100		
103	64.6	51.1	76.7

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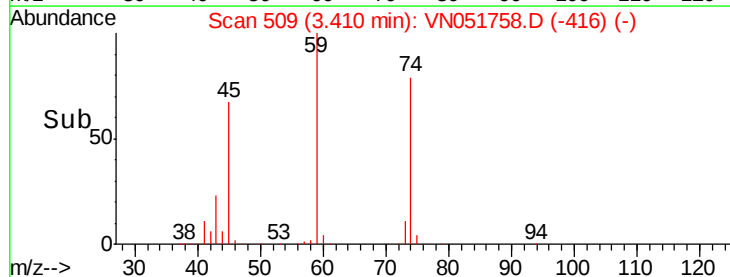
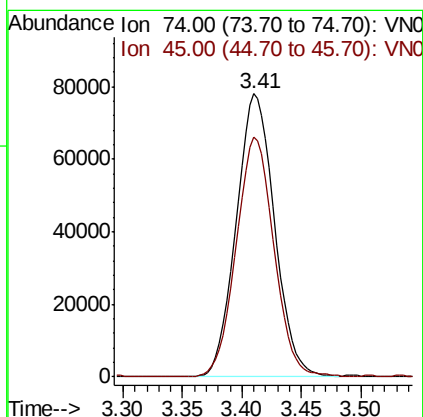
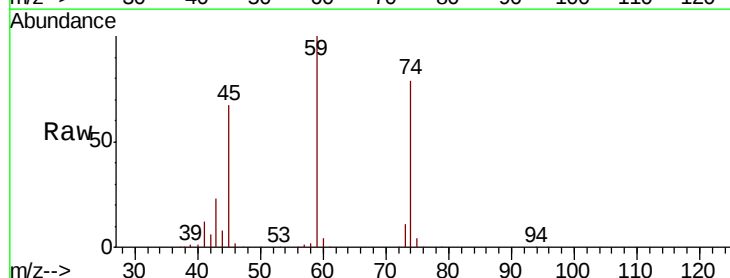
MMDadoda
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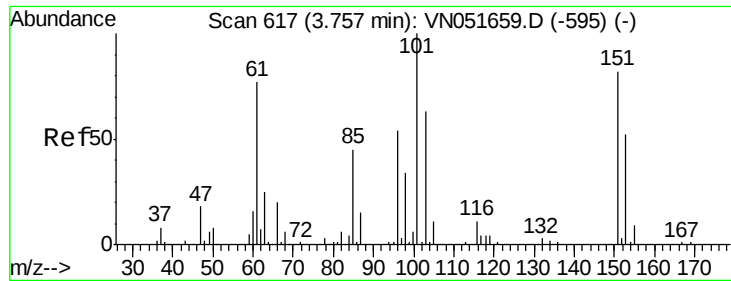


#8

Diethyl Ether
 Concen: 49.033 ug/l
 RT: 3.41 min Scan# 509
 Delta R.T. -0.00 min
 Lab File: VN051758.D
 Acq: 9 Oct 2018 19:22

Tgt Ion	Ratio	Lower	Upper
74	100		
45	83.6	44.3	132.9





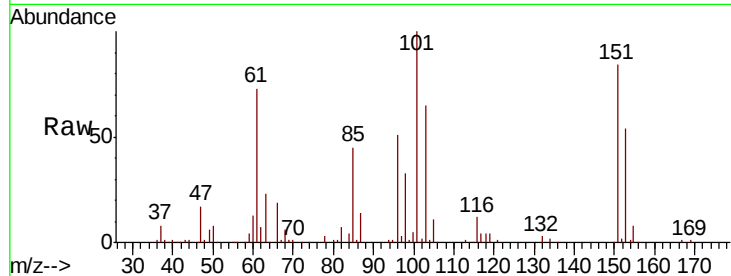
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 47.694 ug/l
 RT: 3.75 min Scan# 616
 Delta R.T. -0.00 min
 Lab File: VN051758.D
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Instrument :
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 ClientSampleId :
 EP1-MW-H-092718(7-10)MSD

Tot Ion:	101	Resp:	322477
Ion Ratio	Lower	Upper	
101	100		
85	45.7	35.6	53.4
151	84.5	65.5	98.3

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 10/10/2018 10:50:22 AM

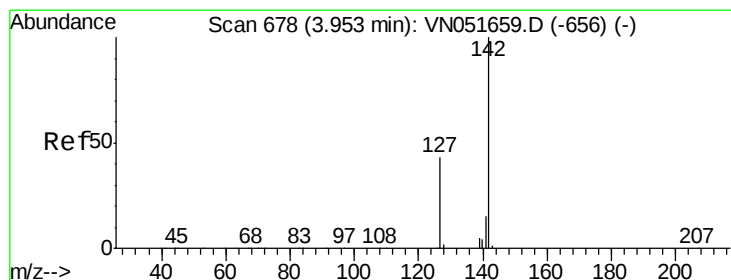
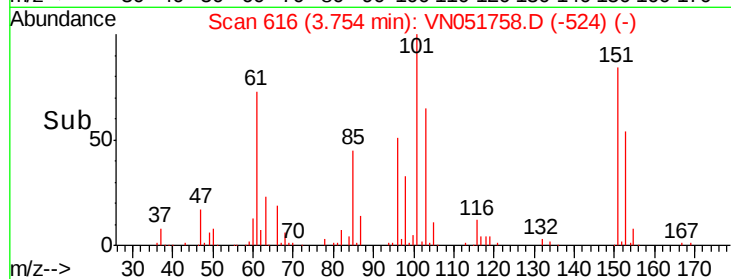
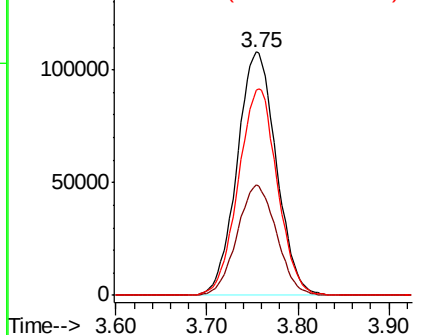


Abundance

Ion 100.90 (100.60 to 101.60): V

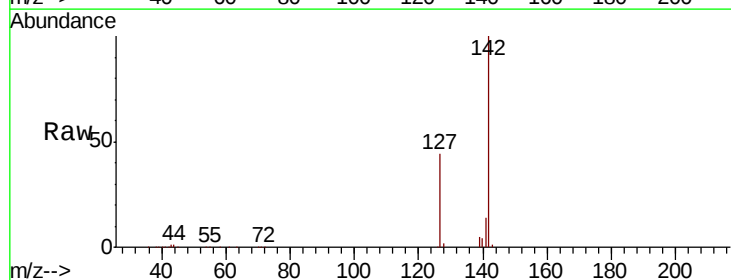
Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10
 Methyl Iodide
 Concen: 49.498 ug/l
 RT: 3.95 min Scan# 677
 Delta R.T. -0.00 min
 Lab File: VN051758.D
 Acq: 9 Oct 2018 19:22

Tgt Ion:	142	Resp:	442283
Ion Ratio	Lower	Upper	
142	100		
127	43.5	34.7	52.1
141	14.2	11.4	17.2

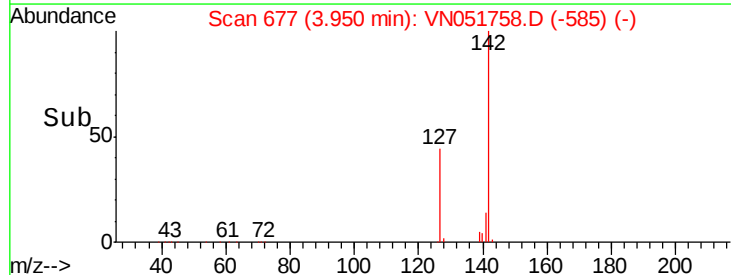
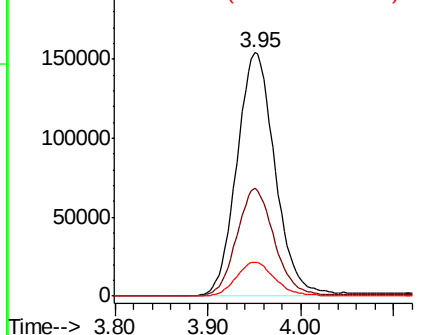


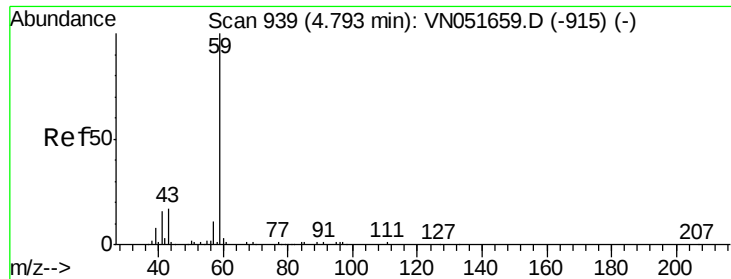
Abundance

Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

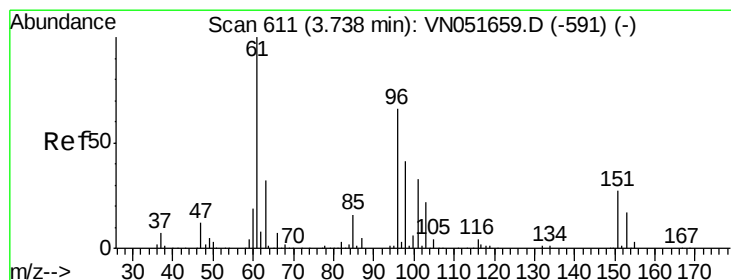
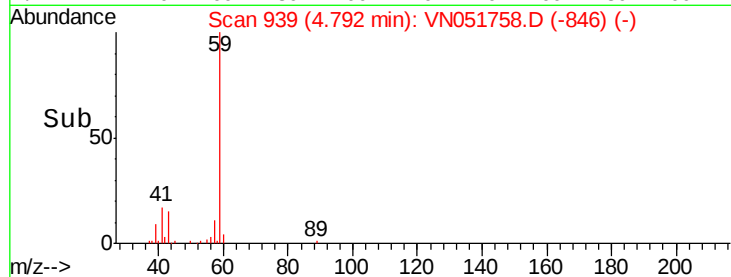
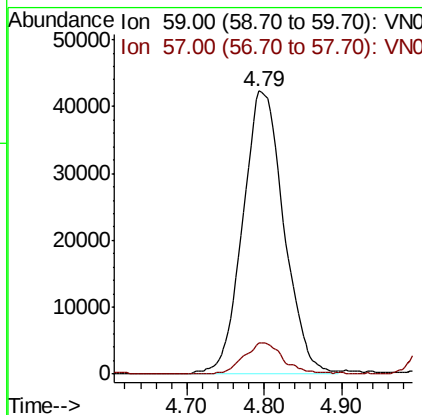
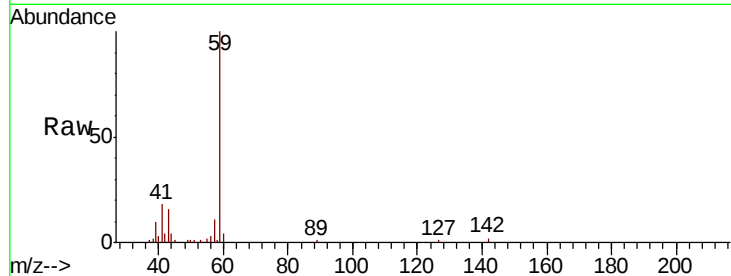
Tert butyl alcohol
Concen: 258.217 ug/l
RT: 4.79 min Scan# 939
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

Tot Ion	59	Resp	156877
Ion Ratio	100	Lower	Upper
57	10.5	8.1	12.1

Manual Integrations
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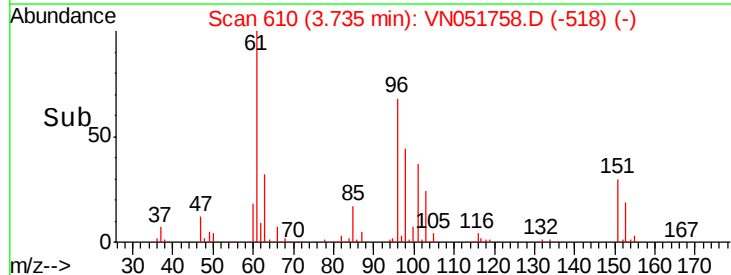
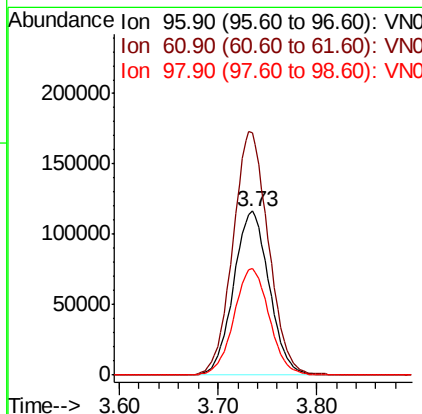
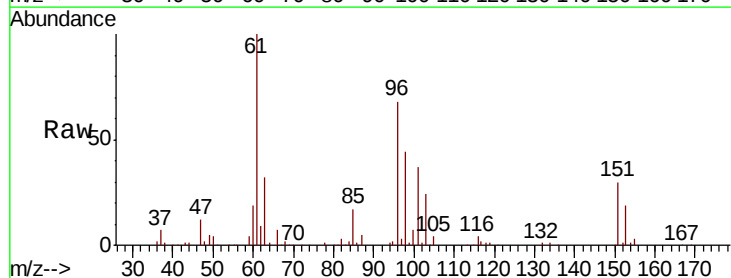
MMDadoda
10/10/2018 10:50:22 AM



#12

1,1-Dichloroethene
Concen: 46.385 ug/l
RT: 3.73 min Scan# 610
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Tgt Ion	96	Resp	292314
Ion Ratio	100	Lower	Upper
61	147.5	121.4	182.0
98	64.7	49.9	74.9





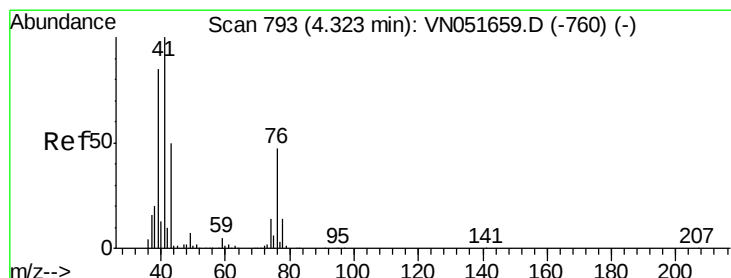
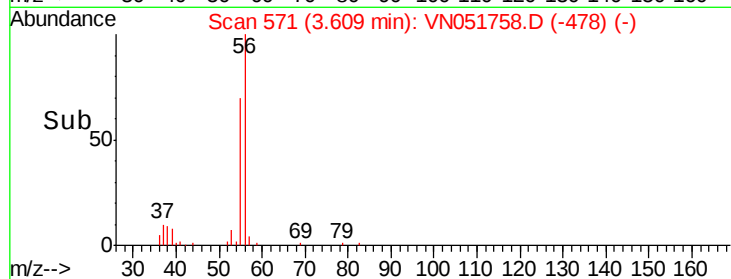
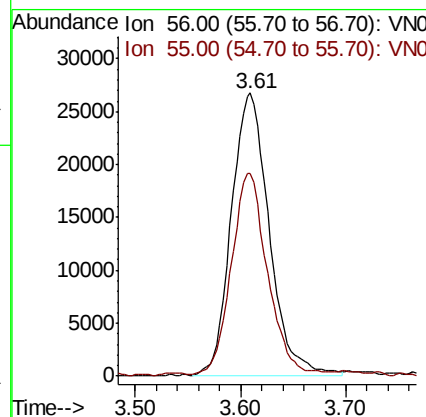
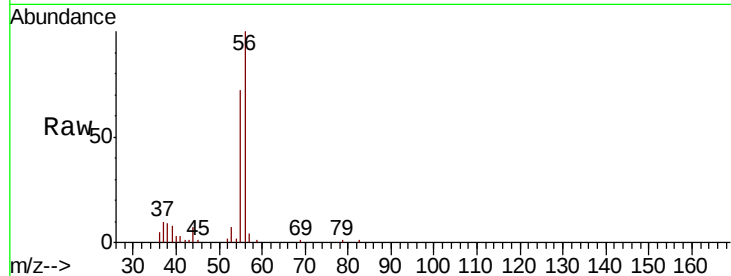
#13
Acrolein
Concen: 164.815 ug/l
RT: 3.61 min Scan# 571
Delta R.T. 0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

Tot Ion	Ion	Ratio	Lower	Upper
56	56	100		
55	55	66.7	57.5	86.3

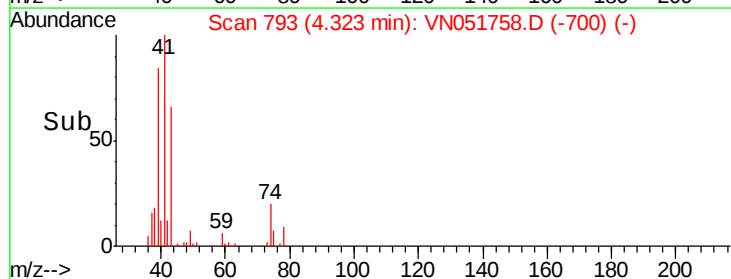
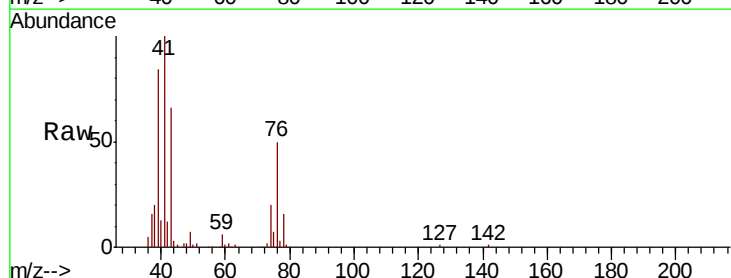
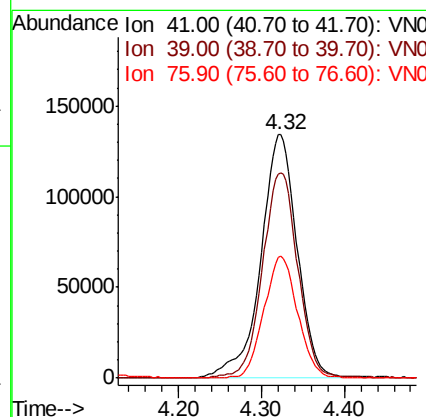
Manual Integrations
APPROVED

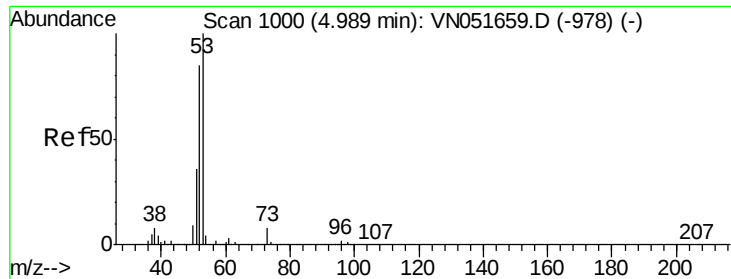
MMDadoda
10/10/2018 10:50:22 AM



#14
Allyl chloride
Concen: 42.177 ug/l
RT: 4.32 min Scan# 793
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Tgt Ion	Ion	Ratio	Lower	Upper
41	41	100		
39	39	82.7	65.4	98.0
76	76	46.4	34.3	51.5





#15

Acrylonitrile

Concen: 249.469 ug/l

RT: 4.99 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VN051758.D

Acq: 9 Oct 2018 19:22

Instrument :

MSVOA_N

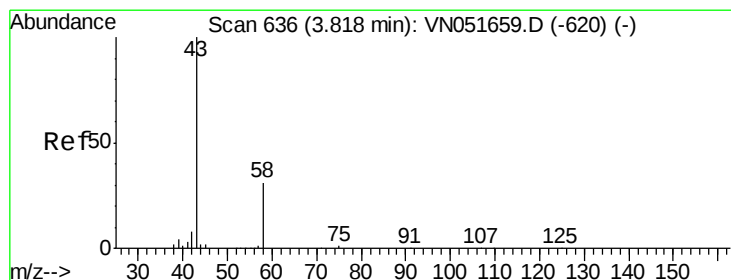
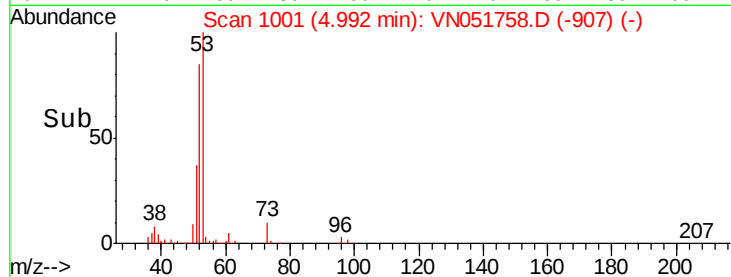
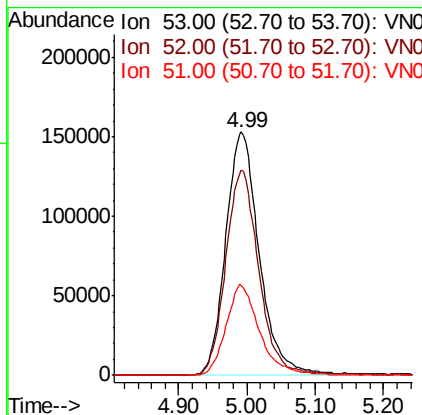
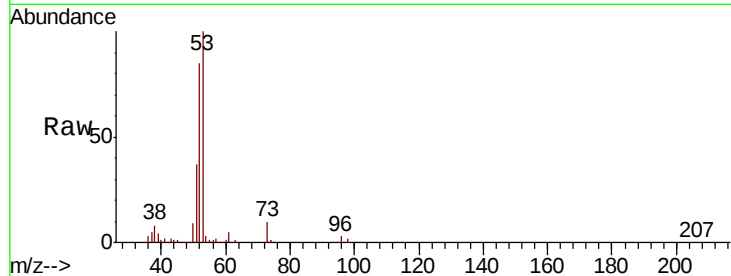
ClientSampleId :

EP1-MW-H-092718(7-10)MSD

Tot Ion:	53	Resp:	523010
Ion Ratio	Lower	Upper	
53	100		
52	83.2	66.2	99.2
51	37.4	30.3	45.5

Manual Integrations
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MMDadoda
10/10/2018 10:50:22 AM



#16

Acetone

Concen: 241.021 ug/l

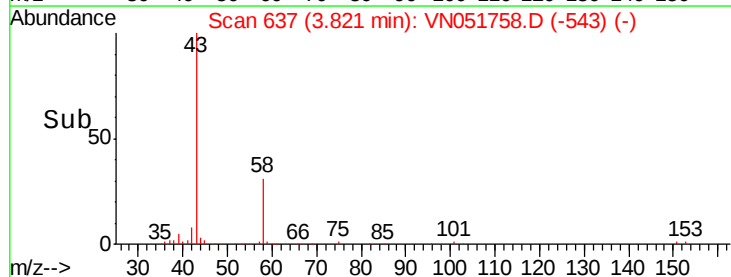
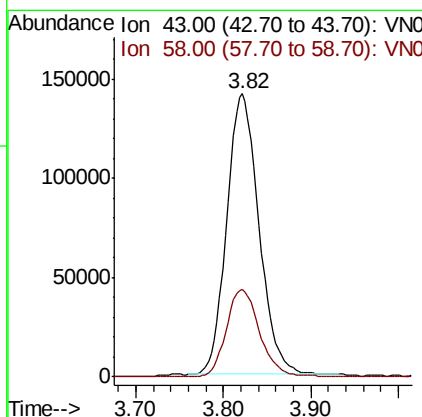
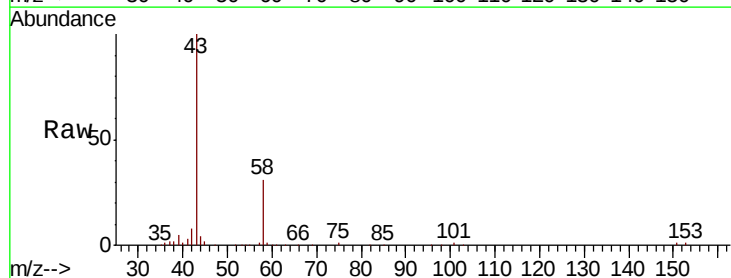
RT: 3.82 min Scan# 637

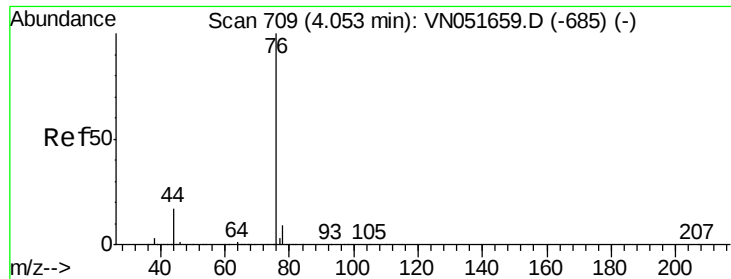
Delta R.T. 0.00 min

Lab File: VN051758.D

Acq: 9 Oct 2018 19:22

Tgt Ion:	43	Resp:	361555
Ion Ratio	Lower	Upper	
43	100		
58	31.0	24.3	36.5





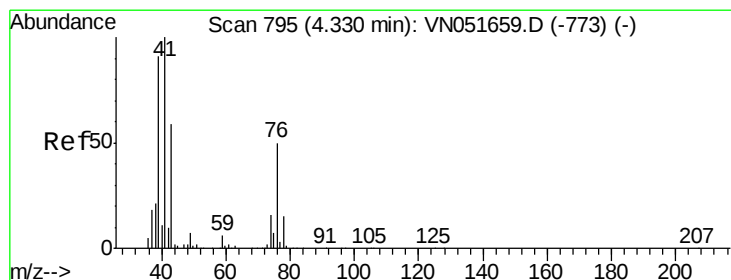
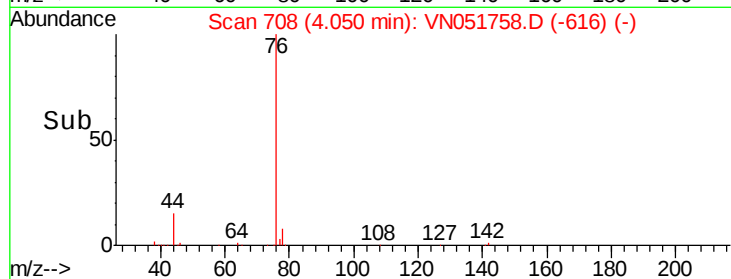
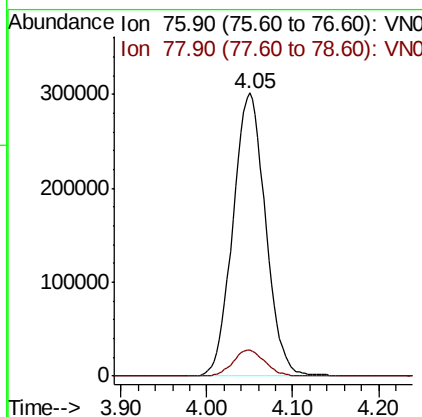
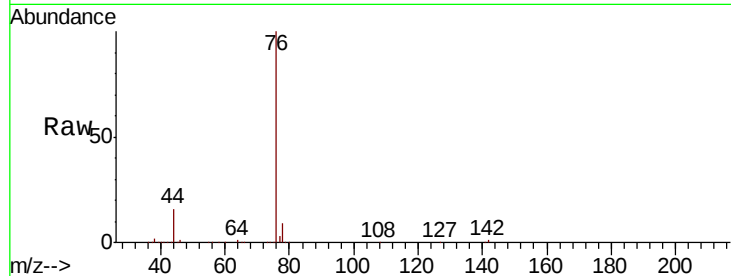
#17
Carbon Disulfide
Concen: 41.467 ug/l
RT: 4.05 min Scan# 708
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

Tot Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.2	10.8

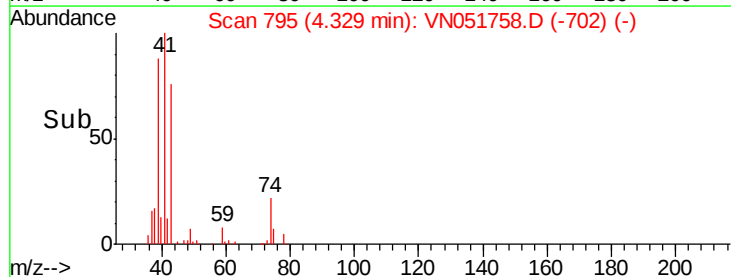
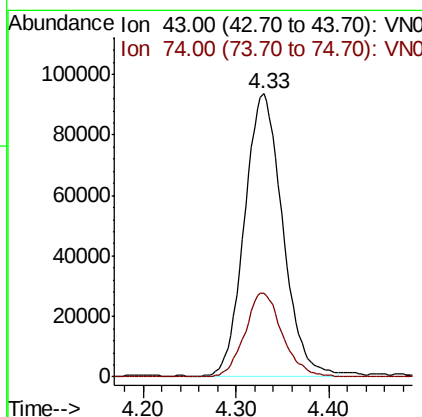
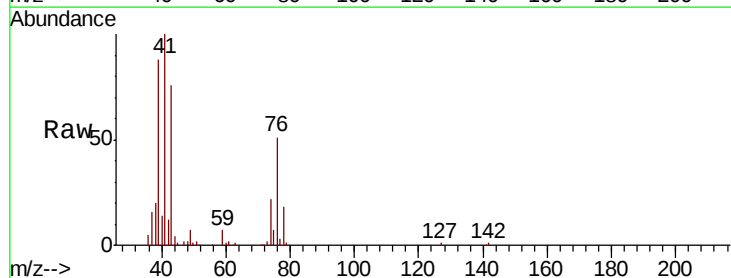
Manual Integrations
APPROVED

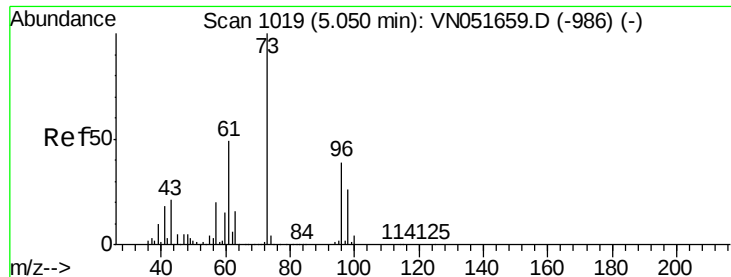
MMDadoda
10/10/2018 10:50:22 AM



#18
Methyl Acetate
Concen: 54.039 ug/l
RT: 4.33 min Scan# 795
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Tgt Ion	Ratio	Lower	Upper
43	100		
74	29.3	21.5	32.3





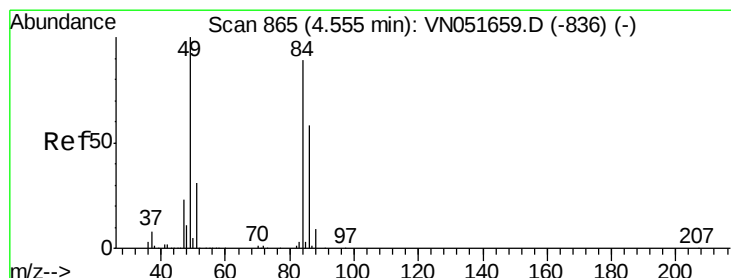
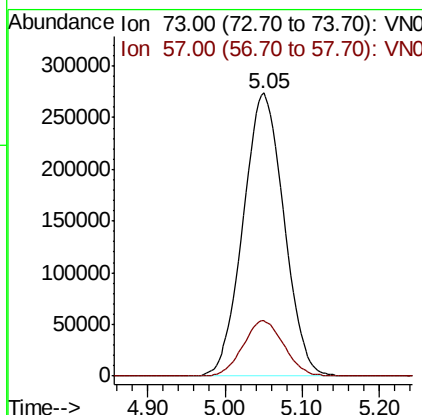
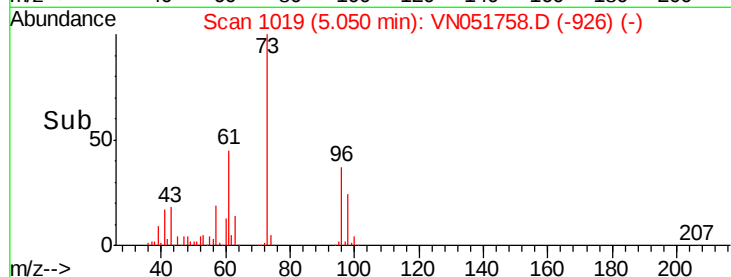
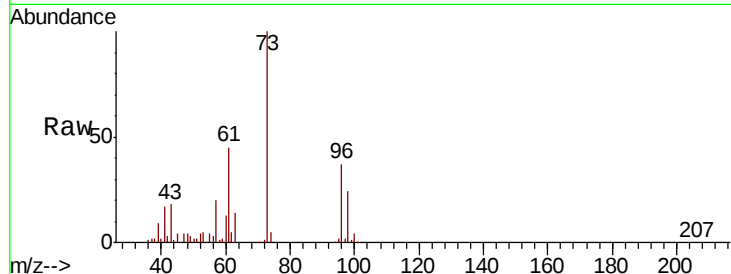
#19
Methvl tert-butvl Ether
Concen: 48.442 ug/l
RT: 5.05 min Scan# 1019
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

Tot Ion: 73 Resp: 1007640
Ion Ratio Lower Upper
73 100
57 19.5 15.6 23.4

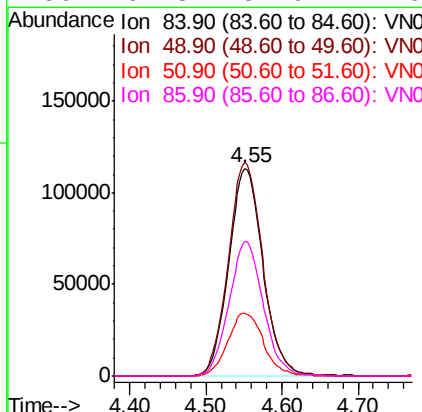
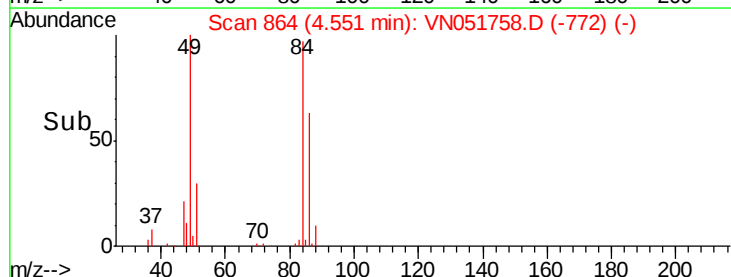
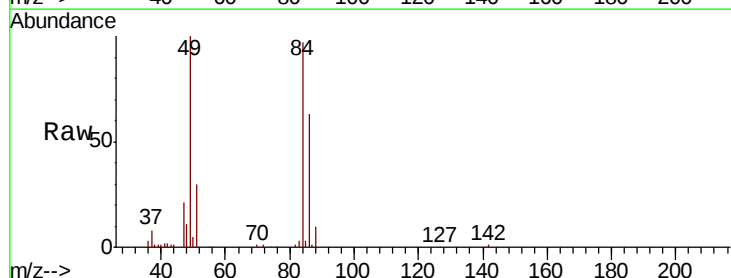
Manual Integrations
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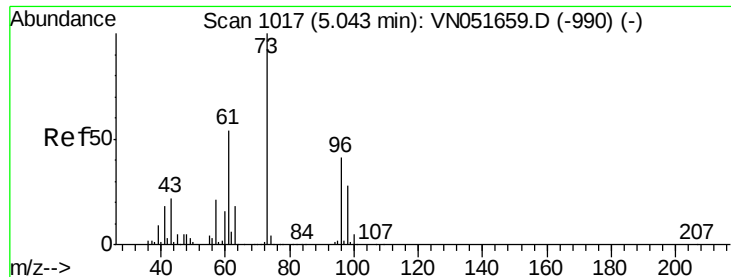
MMDadoda
10/10/2018 10:50:22 AM



#20
Methylene Chloride
Concen: 48.225 ug/l
RT: 4.55 min Scan# 864
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Tgt Ion: 84 Resp: 354687
Ion Ratio Lower Upper
84 100
49 102.7 89.5 134.3
51 30.4 27.4 41.0
86 64.8 51.9 77.9





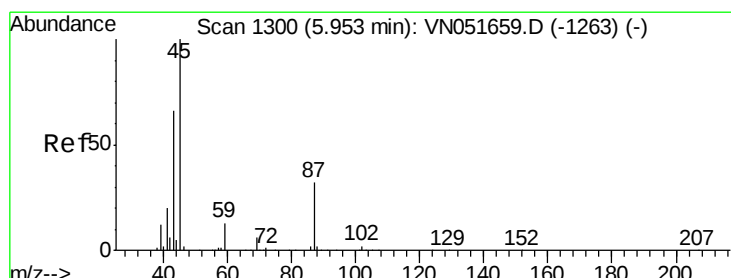
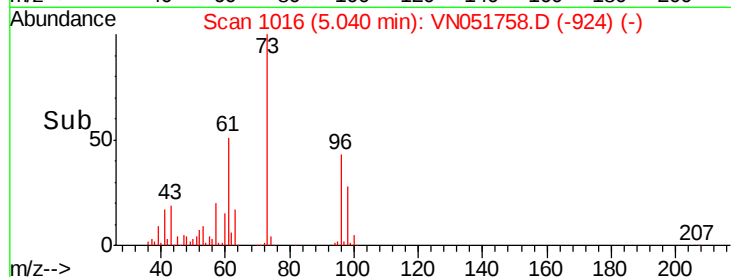
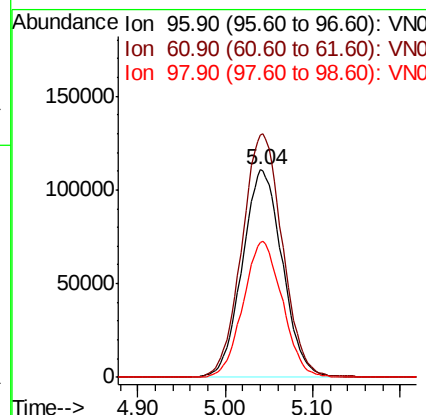
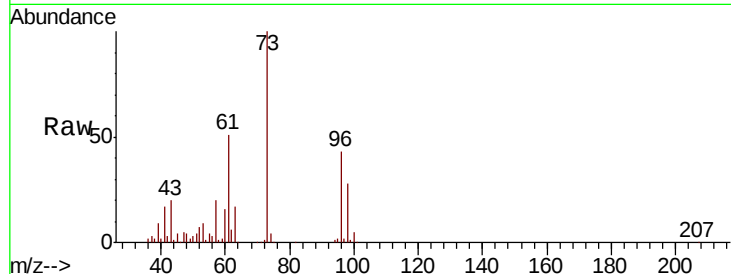
#21
trans-1,2-Dichloroethene
Concen: 47.114 ug/l
RT: 5.04 min Scan# 1016
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

Tot Ion	Ratio	Lower	Upper
96	100		
61	117.0	104.7	157.1
98	65.2	54.6	82.0

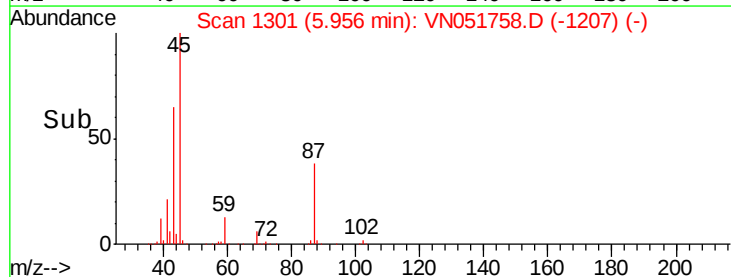
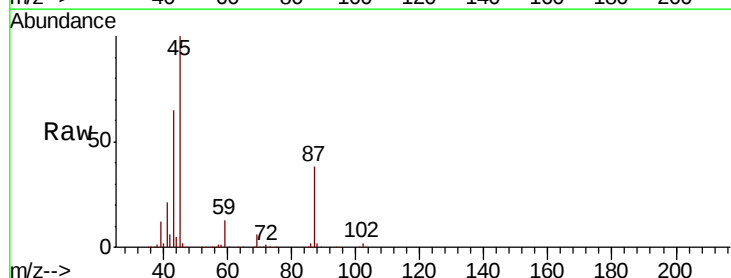
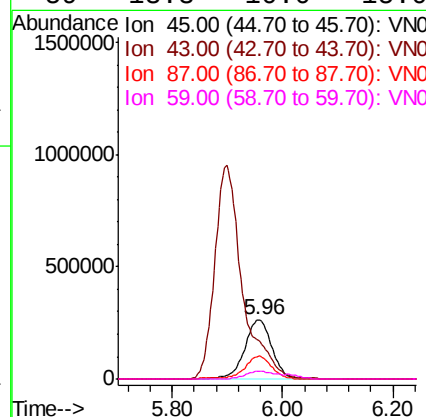
Manual Integrations
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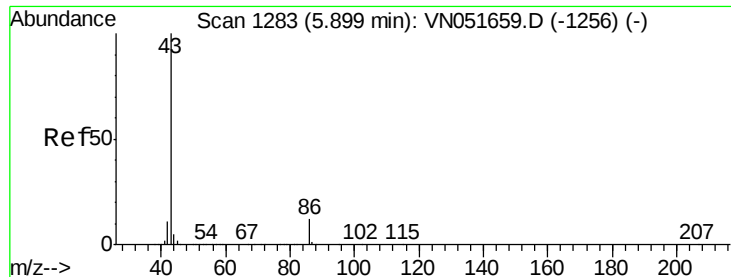
MMDadoda
10/10/2018 10:50:22 AM



#22
Diisopropyl ether
Concen: 43.892 ug/l
RT: 5.96 min Scan# 1301
Delta R.T. 0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Tgt Ion	Ratio	Lower	Upper
45	100		
43	64.2	53.0	79.4
87	38.0	26.4	39.6
59	13.3	10.0	15.0





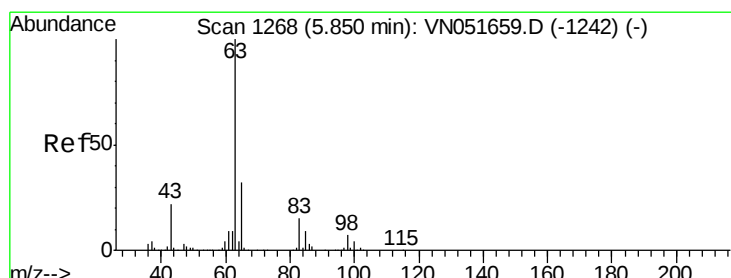
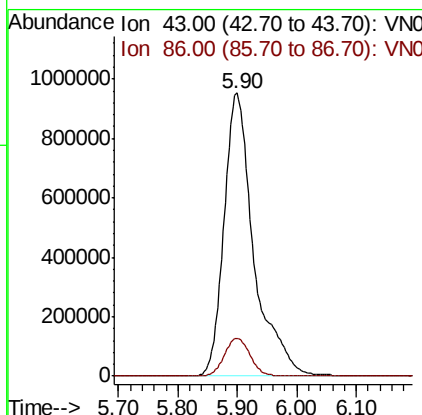
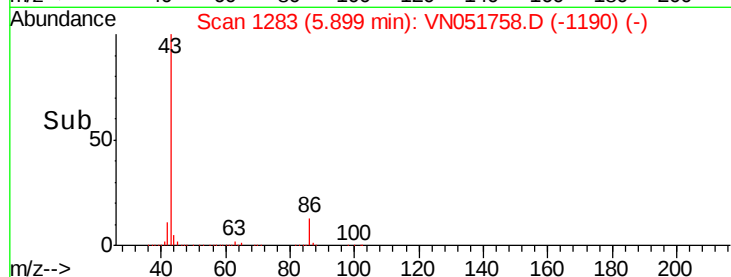
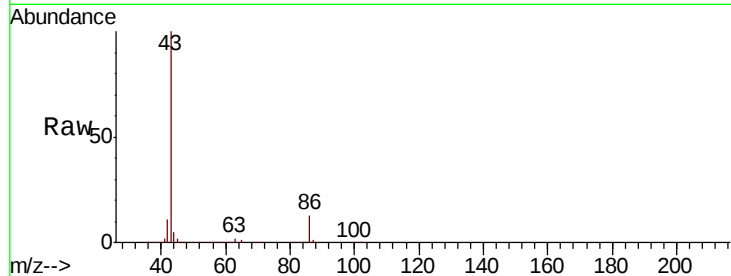
#23
 Vinyl Acetate
 Concen: 218.338 ug/l
 RT: 5.90 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VN051758.D
 Acq: 9 Oct 2018 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H-092718(7-10)MSD

Tot Ion: 43 Resp: 3307688
 Ion Ratio Lower Upper
 43 100
 86 13.4 9.3 13.9

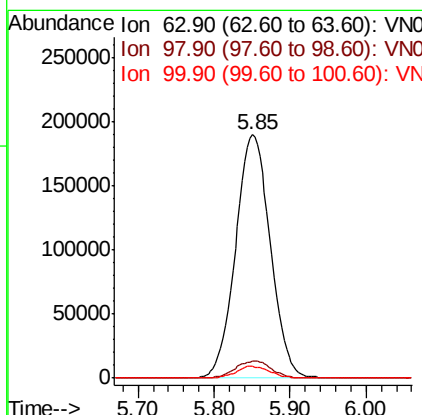
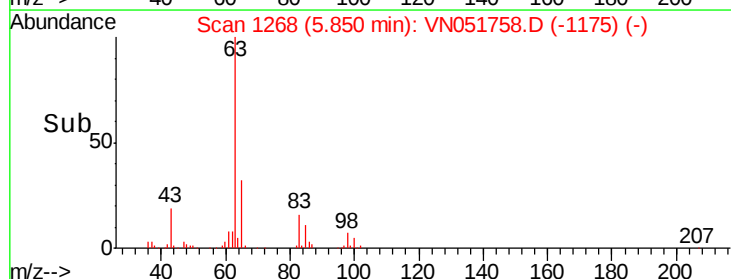
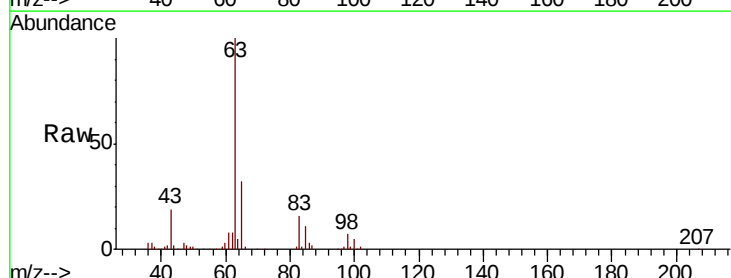
Manual Integrations
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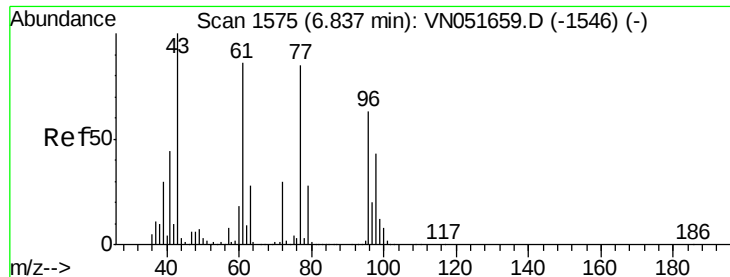
MMDadoda
 10/10/2018 10:50:22 AM



#24
 1,1-Dichloroethane
 Concen: 45.506 ug/l
 RT: 5.85 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VN051758.D
 Acq: 9 Oct 2018 19:22

Tgt Ion: 63 Resp: 602989
 Ion Ratio Lower Upper
 63 100
 98 7.1 3.3 9.9
 100 4.8 2.2 6.6





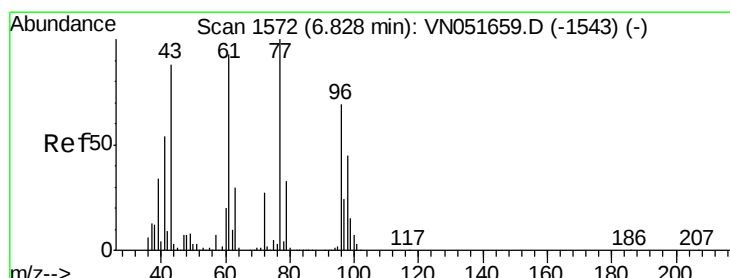
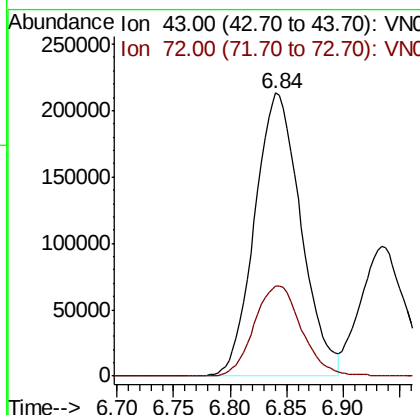
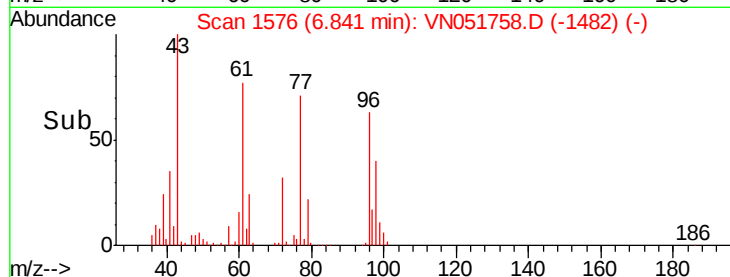
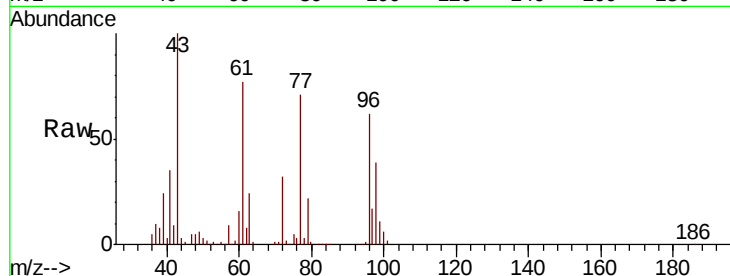
#25
2-Butanone
Concen: 233.813 ug/l
RT: 6.84 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

Tot Ion: 43 Resp: 603562
Ion Ratio Lower Upper
43 100
72 31.7 24.2 36.2

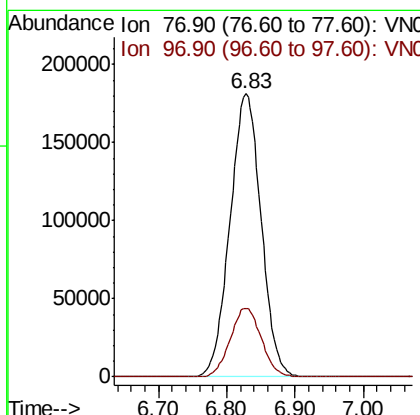
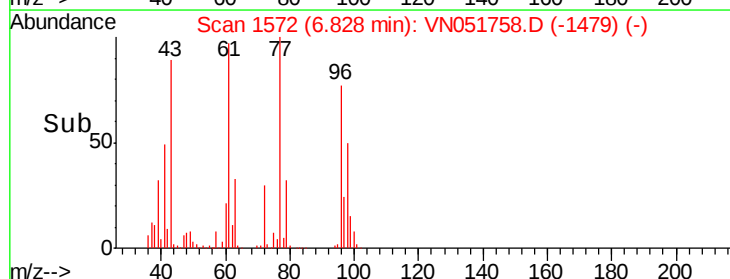
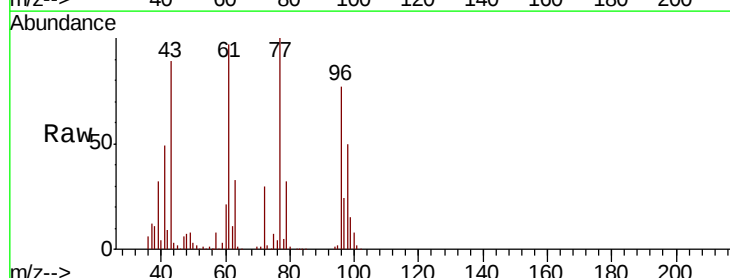
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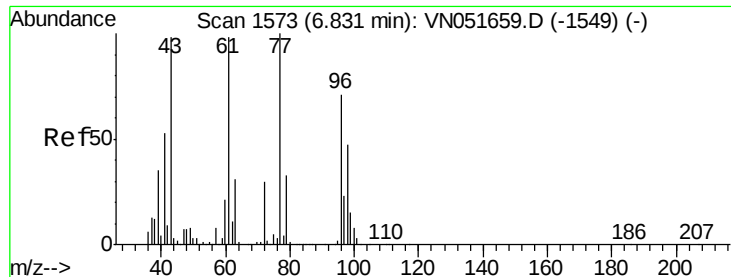
MMDadoda
10/10/2018 10:50:22 AM



#26
2,2-Dichloropropane
Concen: 43.321 ug/l
RT: 6.83 min Scan# 1572
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Tgt Ion: 77 Resp: 575256
Ion Ratio Lower Upper
77 100
97 24.2 11.3 33.8





#27

cis-1,2-Dichloroethene

Concen: 48.585 ug/l

RT: 6.83 min Scan# 1574

Delta R.T. 0.00 min

Lab File: VN051758.D

Acq: 9 Oct 2018 19:22

Instrument :

MSVOA_N

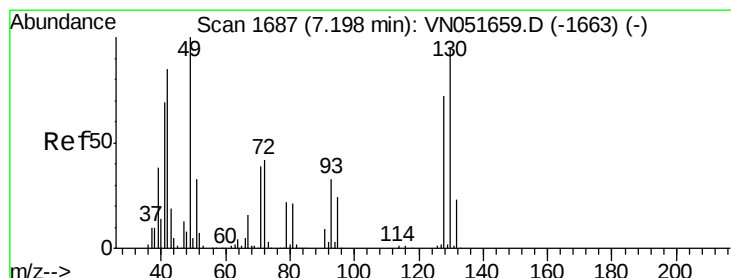
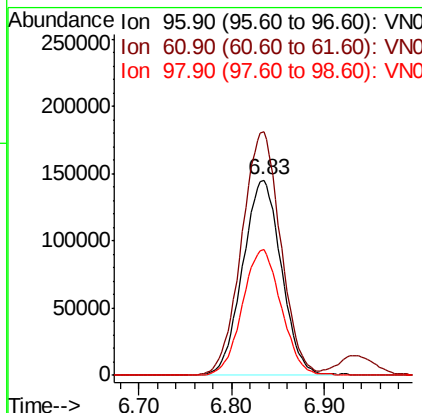
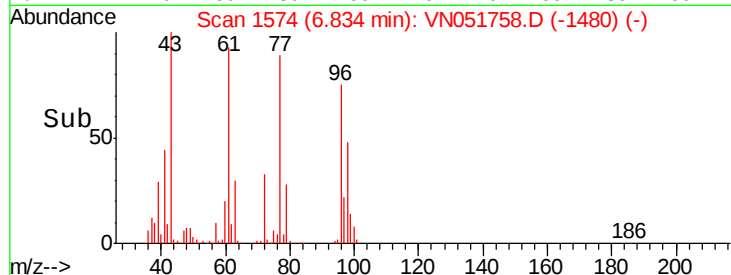
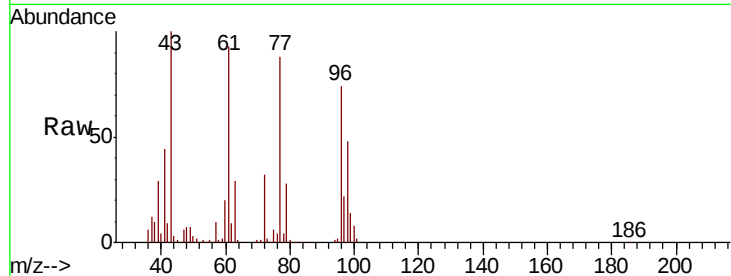
ClientSampleId :

EP1-MW-H-092718(7-10)MSD

Tot Ion:	96	Resp:	421188
Ion Ratio	Lower	Upper	
96	100		
61	126.0	0.0	275.4
98	64.7	0.0	129.6

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#28

Bromochloromethane

Concen: 42.914 ug/l

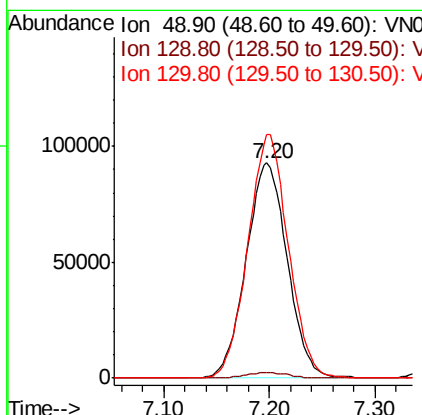
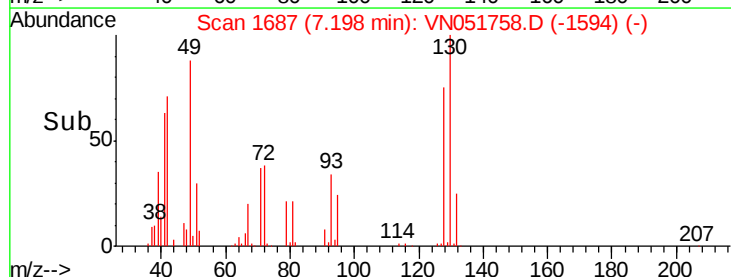
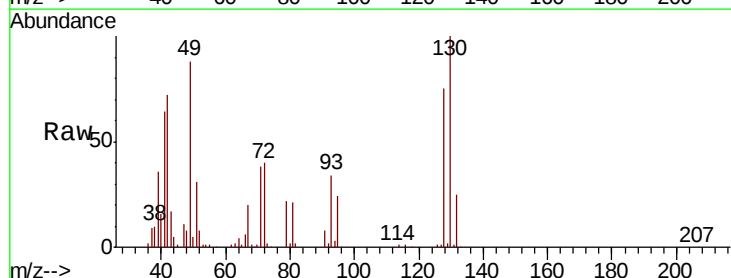
RT: 7.20 min Scan# 1687

Delta R.T. -0.00 min

Lab File: VN051758.D

Acq: 9 Oct 2018 19:22

Tgt Ion:	49	Resp:	251749
Ion Ratio	Lower	Upper	
49	100		
129	2.7	0.0	4.8
130	111.3	75.7	113.5





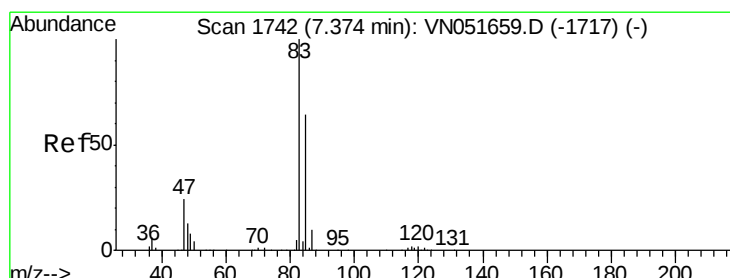
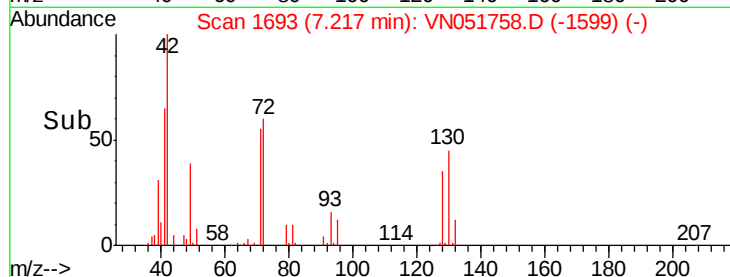
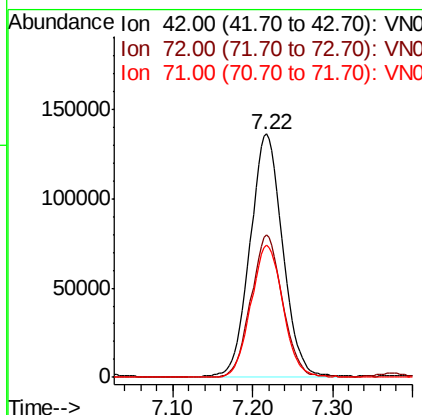
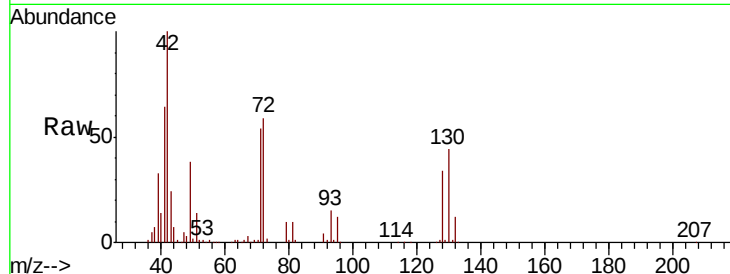
#29
Tetrahydrofuran
Concen: 240.166 ug/l
RT: 7.22 min Scan# 1693
Delta R.T. 0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

Tot Ion	Ratio	Lower	Upper
42	100		
72	56.8	40.1	60.1
71	53.2	38.0	57.0

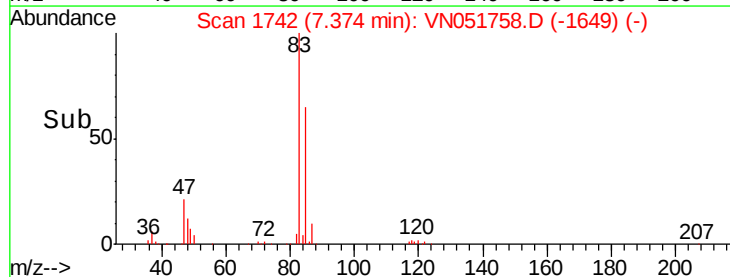
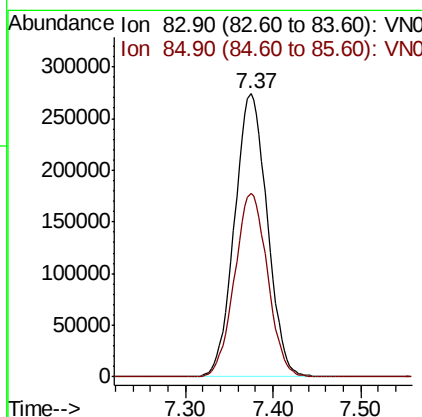
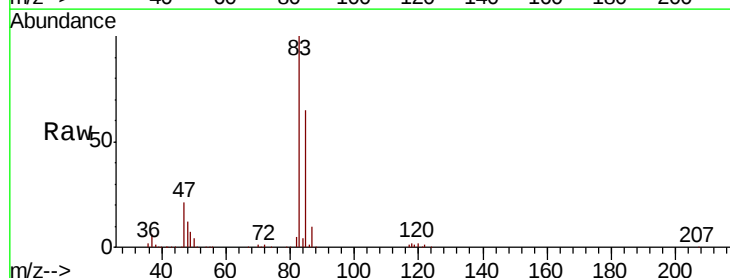
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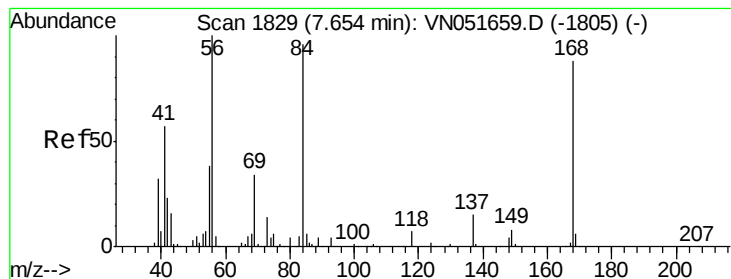
MMDadoda
10/10/2018 10:50:22 AM



#30
Chloroform
Concen: 47.832 ug/l
RT: 7.37 min Scan# 1742
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Tgt Ion	Ratio	Lower	Upper
83	100		
85	64.7	51.6	77.4





#31

Cyclohexane

Concen: 41.643 ug/l

RT: 7.65 min Scan# 1829

Delta R.T. -0.00 min

Lab File: VN051758.D

Acq: 9 Oct 2018 19:22

Instrument :

MSVOA_N

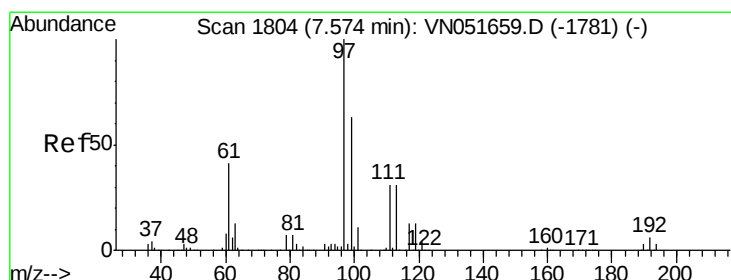
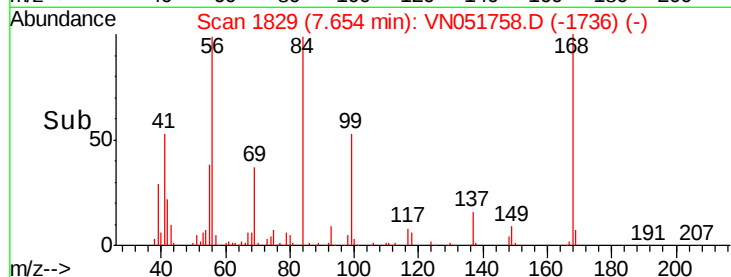
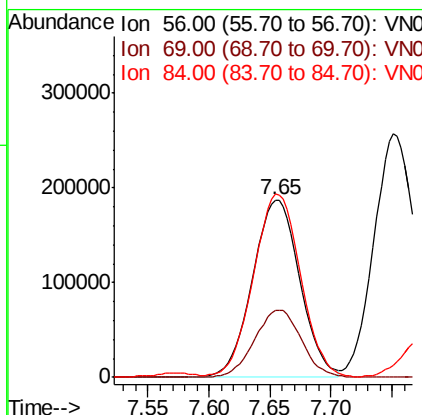
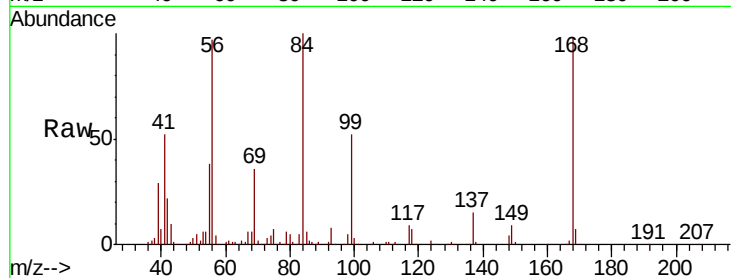
ClientSampleId :

EP1-MW-H-092718(7-10)MSD

Tot Ion:	56	Resp:	505353
Ion Ratio	Lower	Upper	
56	100		
69	37.6	27.5	41.3
84	101.2	76.7	115.1

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#32

1,1,1-Trichloroethane

Concen: 47.585 ug/l

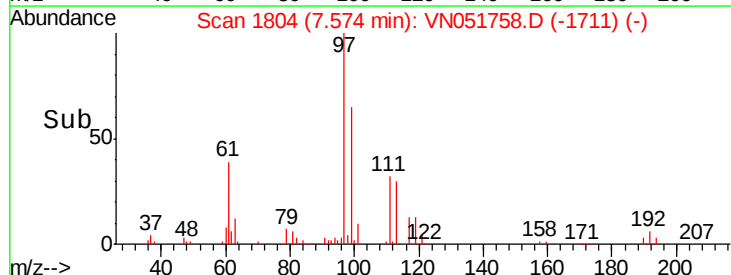
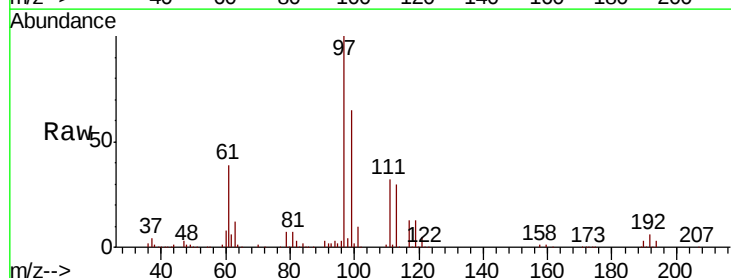
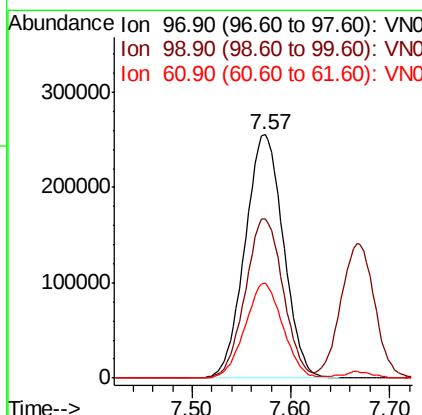
RT: 7.57 min Scan# 1804

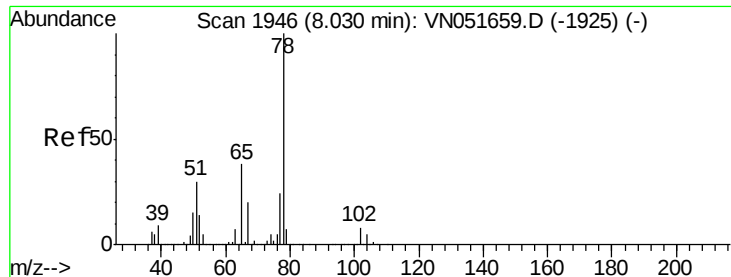
Delta R.T. -0.00 min

Lab File: VN051758.D

Acq: 9 Oct 2018 19:22

Tgt Ion:	97	Resp:	686689
Ion Ratio	Lower	Upper	
97	100		
99	64.6	51.9	77.9
61	38.2	33.4	50.0





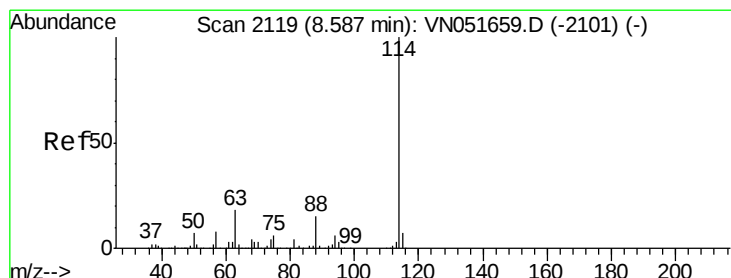
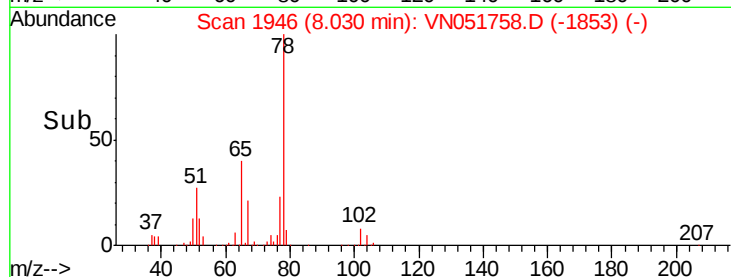
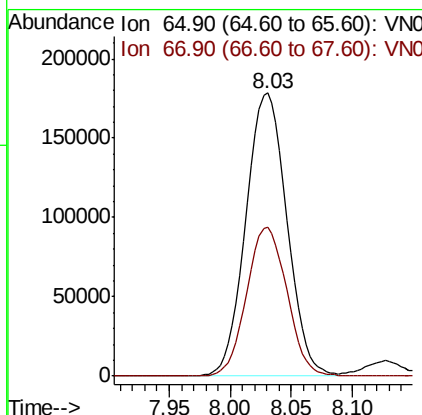
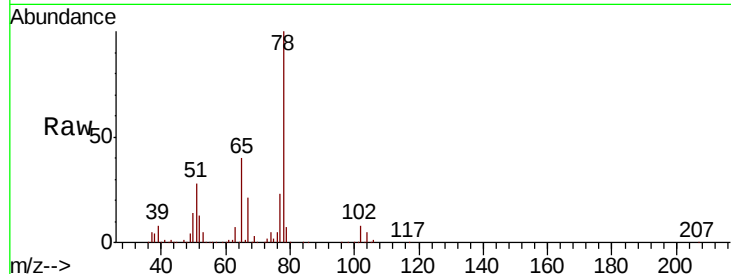
#33
 1,2-Dichloroethane-d4
 Concen: 47.585 ug/l
 RT: 8.03 min Scan# 1946
 Delta R.T. -0.00 min
 Lab File: VN051758.D
 Acq: 9 Oct 2018 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H-092718(7-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	51.6	0.0	103.6	

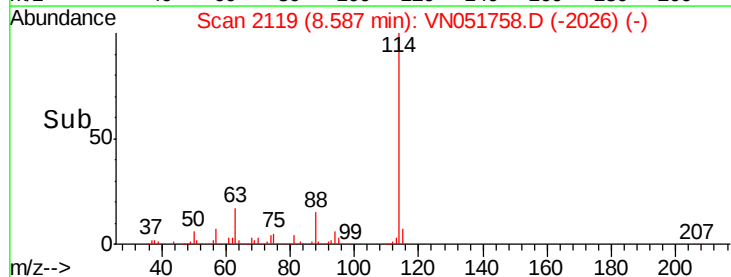
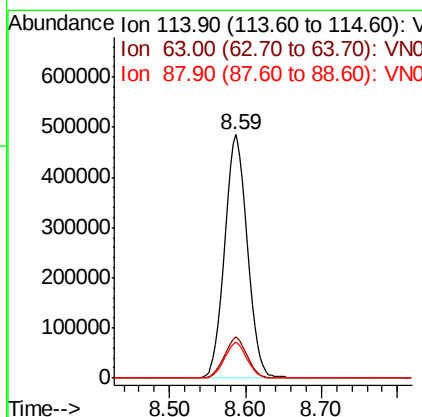
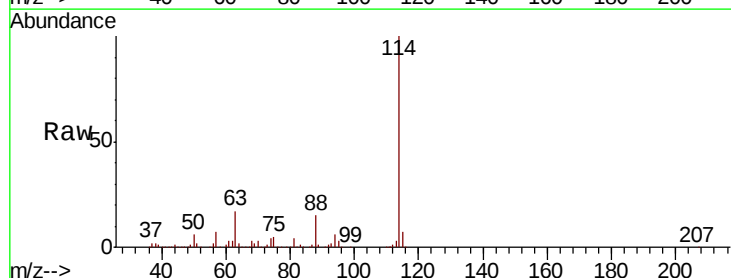
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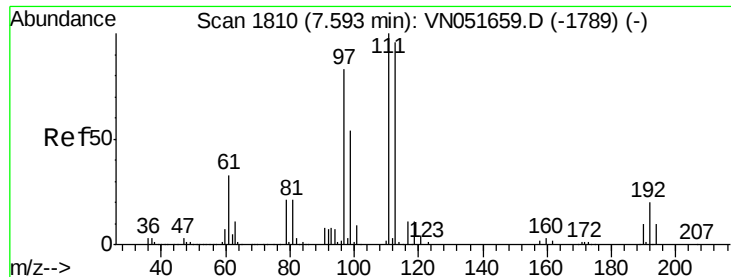
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 10/10/2018 10:50:22 AM



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.59 min Scan# 2119
 Delta R.T. -0.00 min
 Lab File: VN051758.D
 Acq: 9 Oct 2018 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	16.7	0.0	36.2	
88	14.8	0.0	30.2	





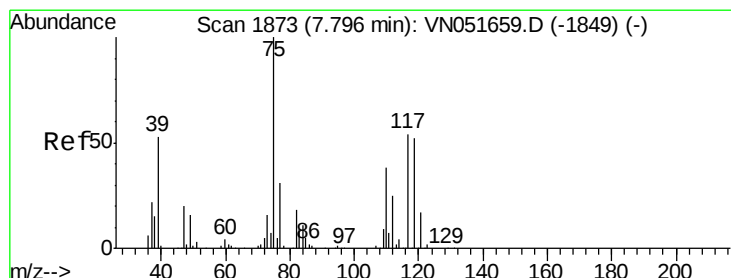
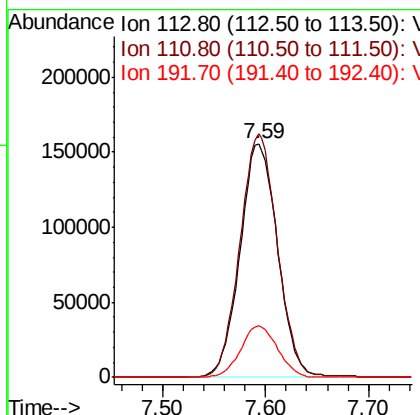
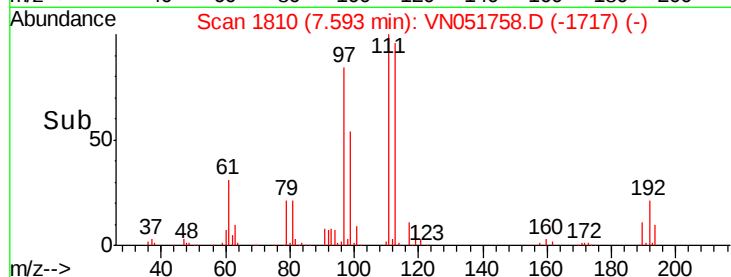
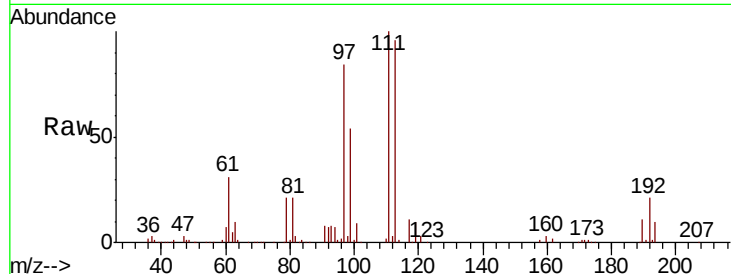
#35
Dibromofluoromethane
Concen: 50.000 ug/l
RT: 7.59 min Scan# 1810
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

Tot Ion	Ratio	Resp	Lower	Upper
113	100	394232		
111	103.7	81.8	122.8	
192	21.7	16.5	24.7	

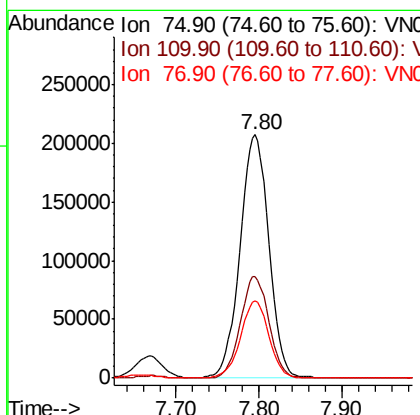
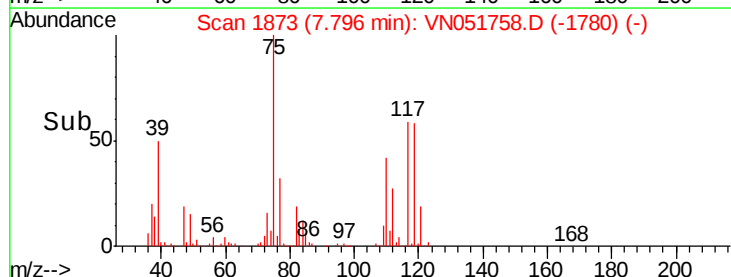
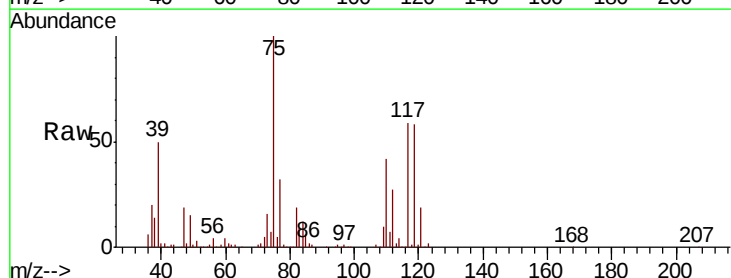
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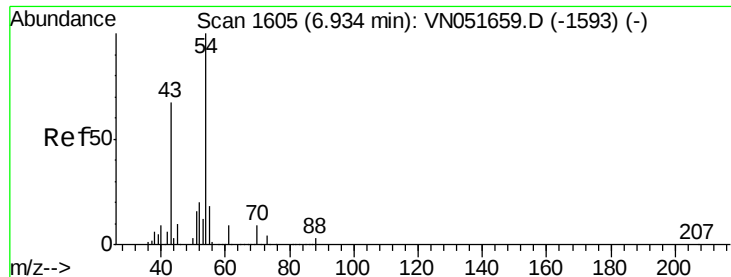
MMDadoda
10/10/2018 10:50:22 AM



#36
1,1-Dichloropropene
Concen: 47.125 ug/l
RT: 7.80 min Scan# 1873
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	498441		
110	41.4	19.3	57.8	
77	31.6	24.7	37.1	





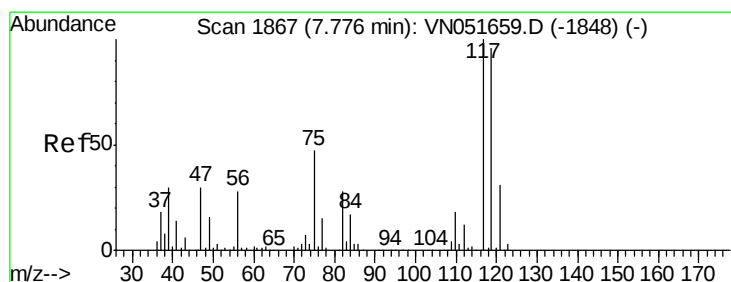
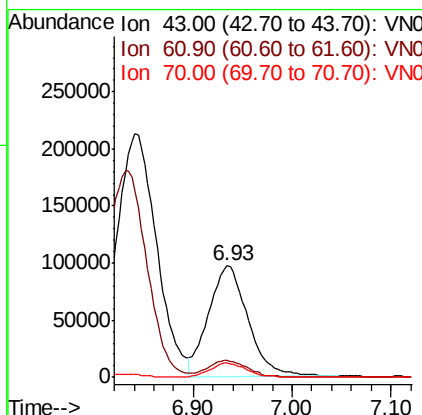
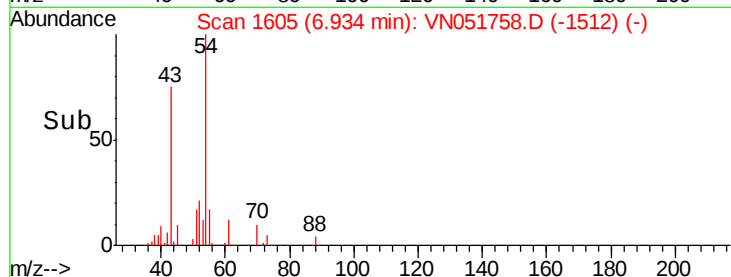
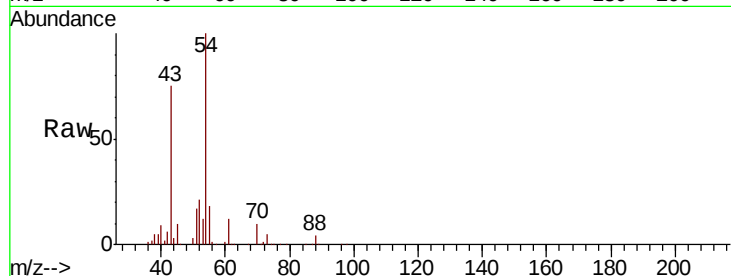
#37
Ethyl Acetate
Concen: 49.127 ug/l
RT: 6.93 min Scan# 1605
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	15.2	11.8	17.6
70	12.2	8.7	13.1

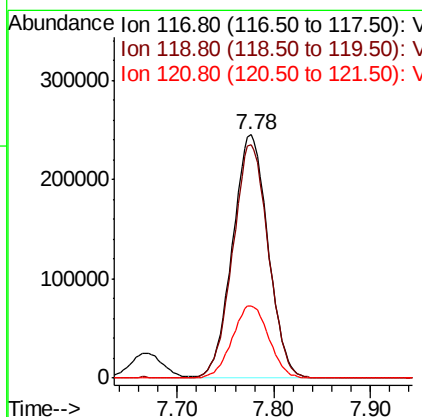
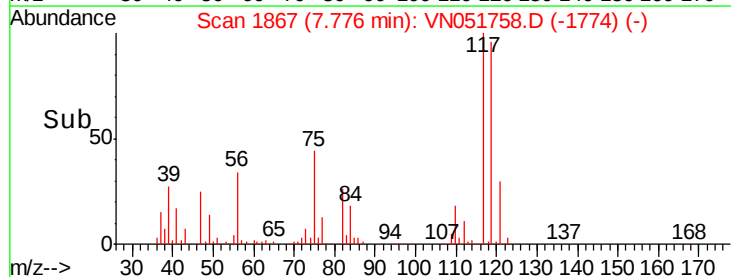
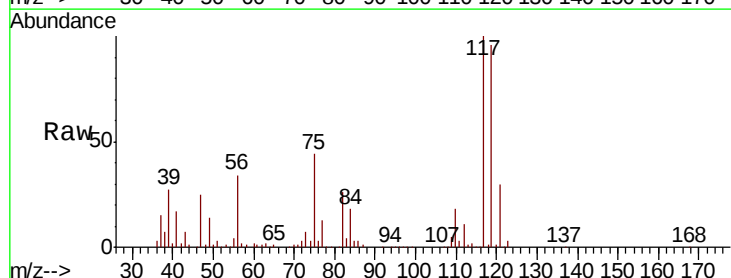
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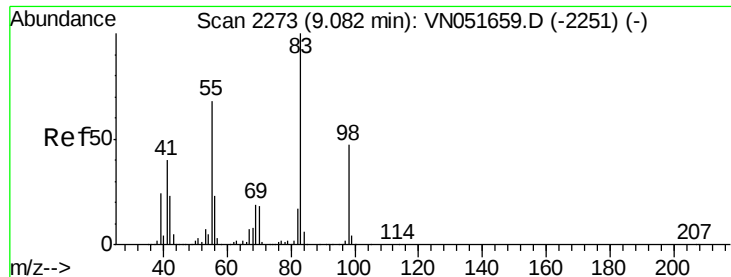
MMDadoda
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#38
Carbon Tetrachloride
Concen: 49.224 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.1	77.0	115.6
121	29.9	25.0	37.6





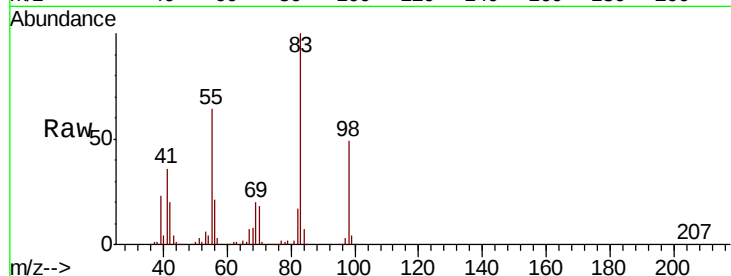
#39
Methvlcvclohexane
Concen: 46.602 ug/l
RT: 9.08 min Scan# 2273
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

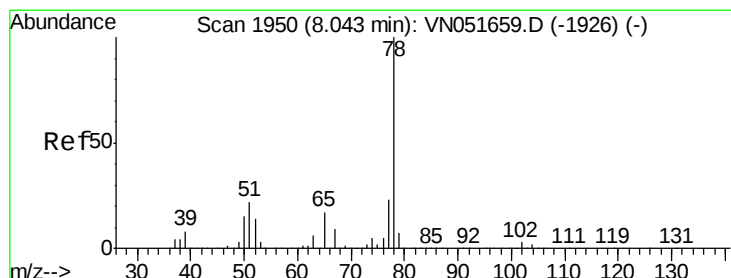
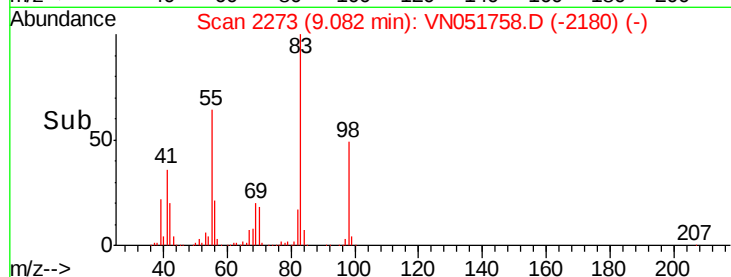
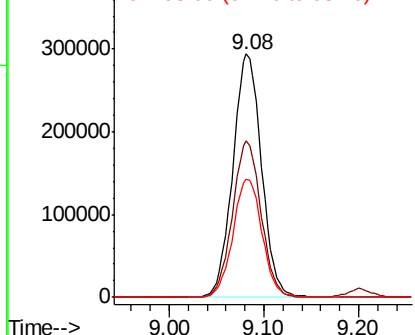
Tot Ion	Ratio	Lower	Upper
83	100		
55	64.0	54.3	81.5
98	48.6	37.4	56.2

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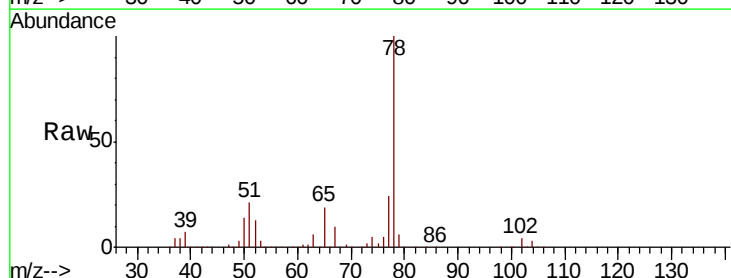


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

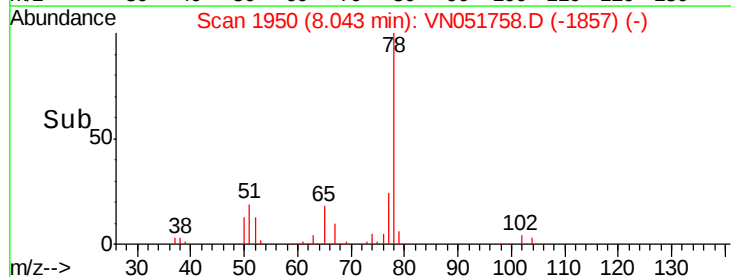
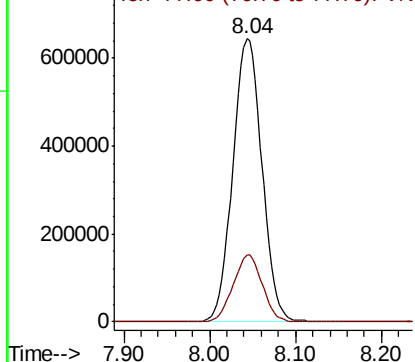


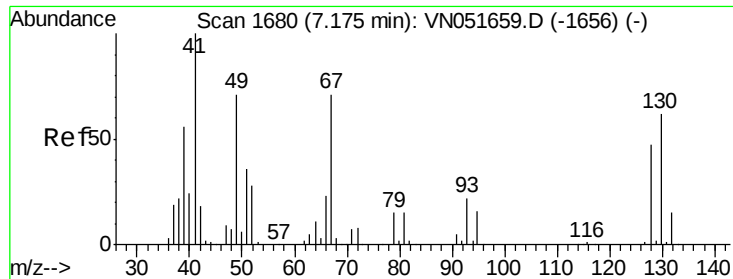
#40
Benzene
Concen: 48.389 ug/l
RT: 8.04 min Scan# 1950
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.7	18.5	27.7



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





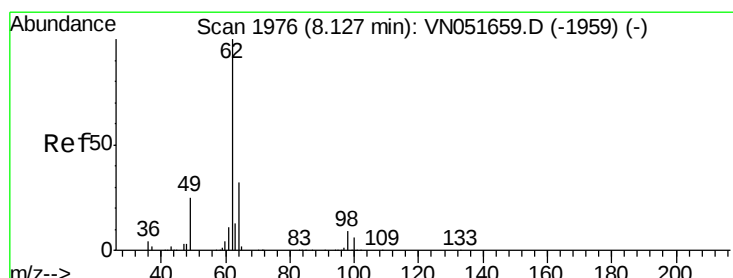
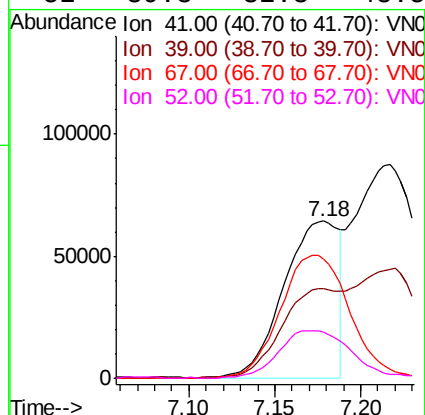
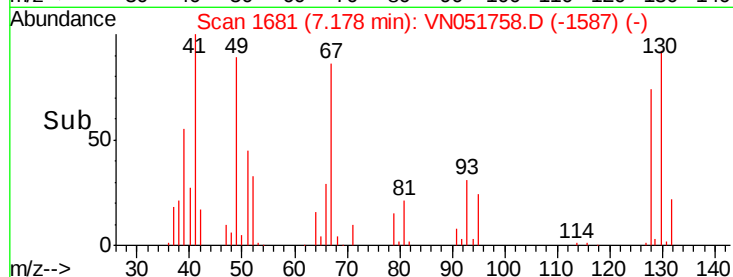
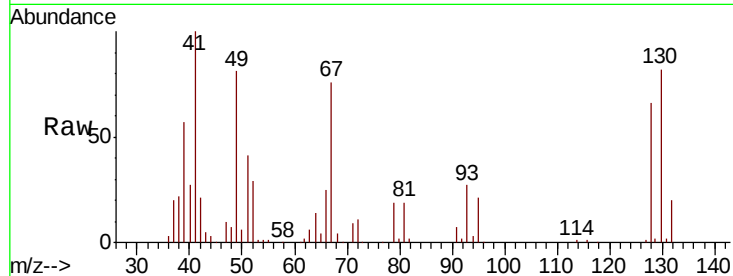
#41
Methacrylonitrile
Concen: 50.376 ug/l
RT: 7.18 min Scan# 1681
Delta R.T. 0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

Tot Ion:	41	Resp:	143176
Ion	Ratio	Lower	Upper
41	100		
39	58.8	53.9	80.9
67	99.7	78.1	117.1
52	39.3	32.3	48.5

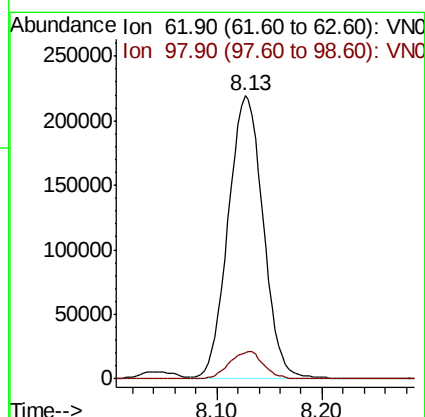
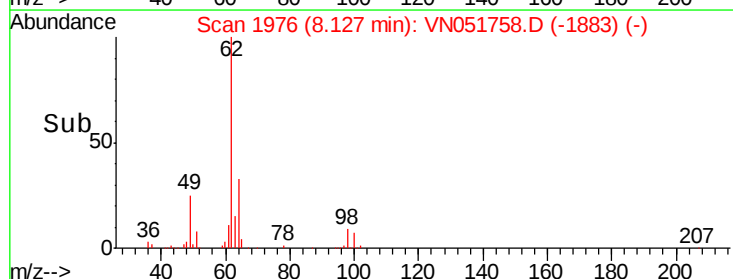
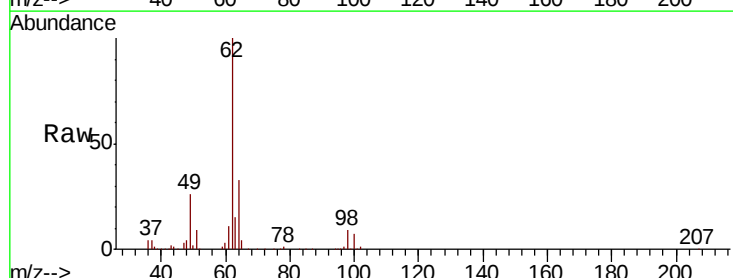
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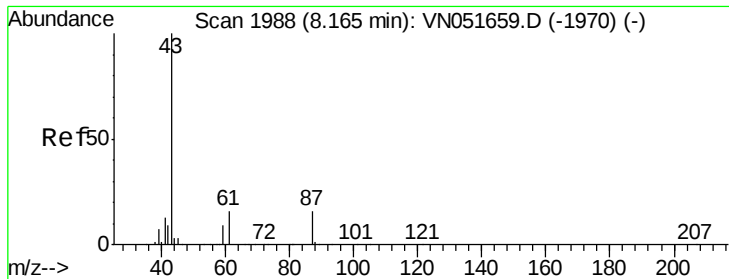
MMDadoda
10/10/2018 10:50:22 AM



#42
1,2-Dichloroethane
Concen: 47.490 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Tgt Ion:	62	Resp:	501825
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	18.4





#43

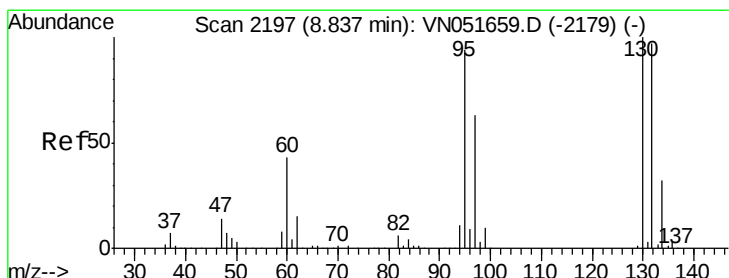
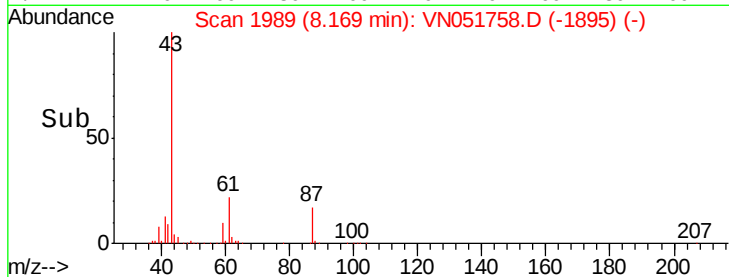
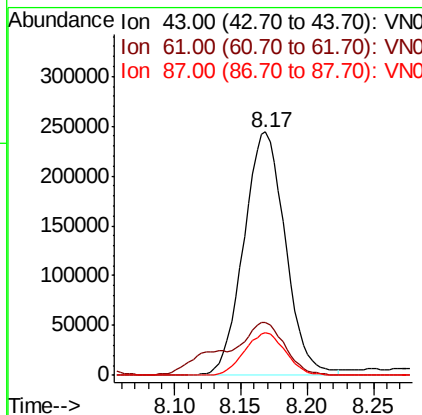
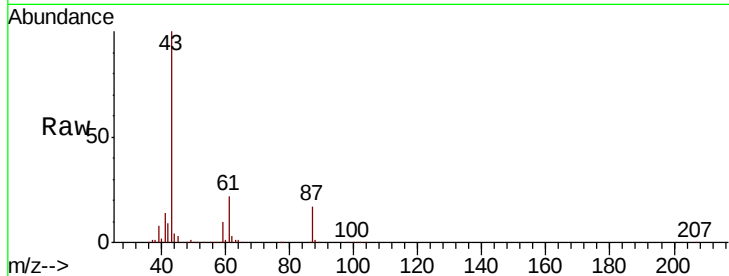
Isopropyl Acetate
 Concen: 46.277 ug/l
 RT: 8.17 min Scan# 1989
 Delta R.T. 0.00 min
 Lab File: VN051758.D
 Acq: 9 Oct 2018 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H-092718(7-10)MSD

Tot Ion	Ratio	Lower	Upper
43	100		
61	30.9	15.8	23.6#
87	17.4	12.6	19.0

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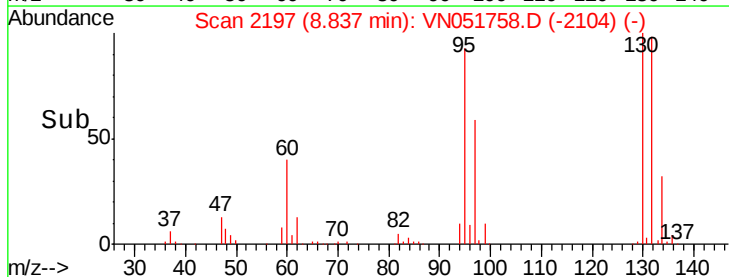
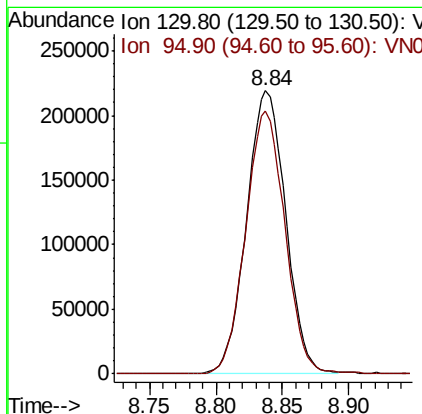
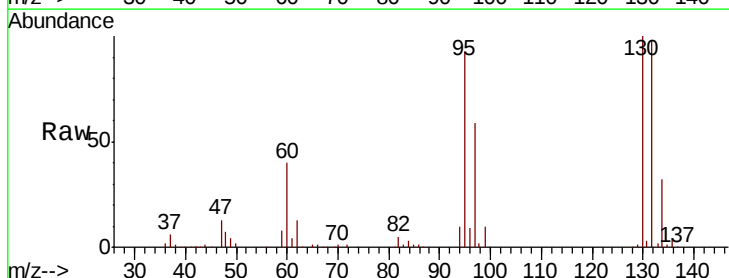
MMDadoda
 10/10/2018 10:50:22 AM

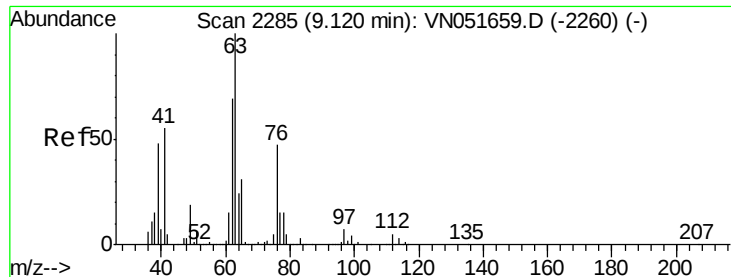


#44

Trichloroethene
 Concen: 50.626 ug/l
 RT: 8.84 min Scan# 2197
 Delta R.T. -0.00 min
 Lab File: VN051758.D
 Acq: 9 Oct 2018 19:22

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.9	0.0	188.0





#45

1,2-Dichloropropane

Concen: 45.978 ug/l

RT: 9.12 min Scan# 2285

Delta R.T. -0.00 min

Lab File: VN051758.D

Acq: 9 Oct 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H-092718(7-10)MSD

Tot Ion: 63 Resp: 356430

Ion Ratio Lower Upper

63 100

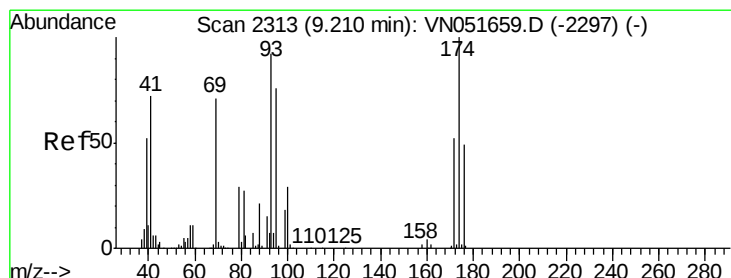
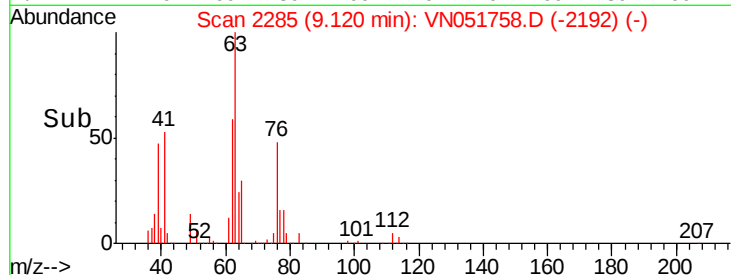
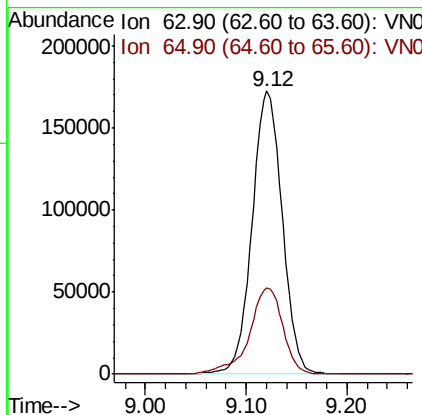
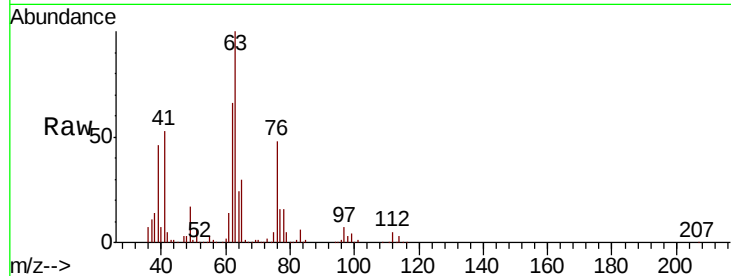
65 30.3 25.0 37.4

Manual Integrations

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#46

Dibromomethane

Concen: 50.498 ug/l

RT: 9.21 min Scan# 2313

Delta R.T. -0.00 min

Lab File: VN051758.D

Acq: 9 Oct 2018 19:22

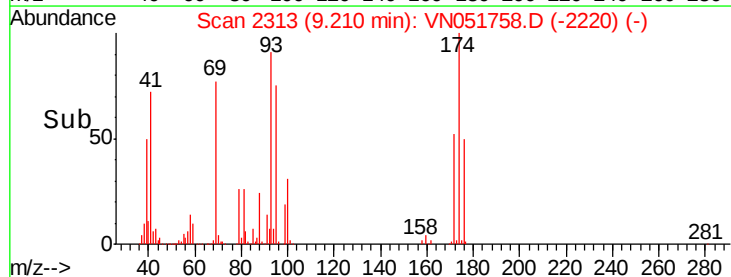
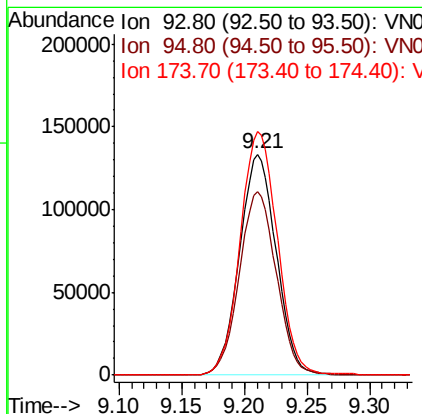
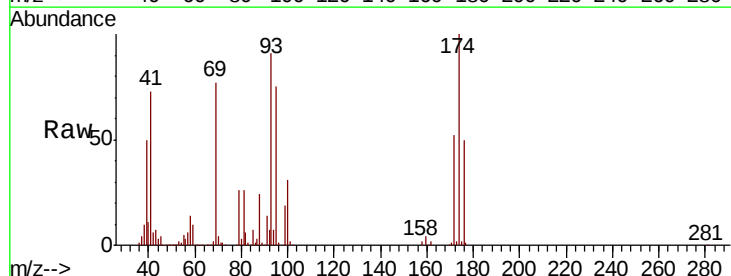
Tgt Ion: 93 Resp: 272104

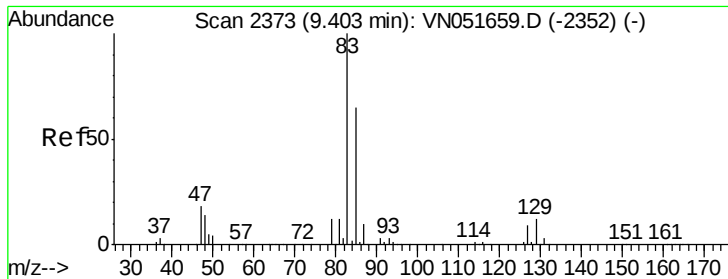
Ion Ratio Lower Upper

93 100

95 83.9 66.6 100.0

174 111.3 85.9 128.9





#47

Bromodichloromethane

Concen: 48.226 ug/l

RT: 9.40 min Scan# 2373

Delta R.T. -0.00 min

Lab File: VN051758.D

Acq: 9 Oct 2018 19:22

Instrument :

MSVOA_N

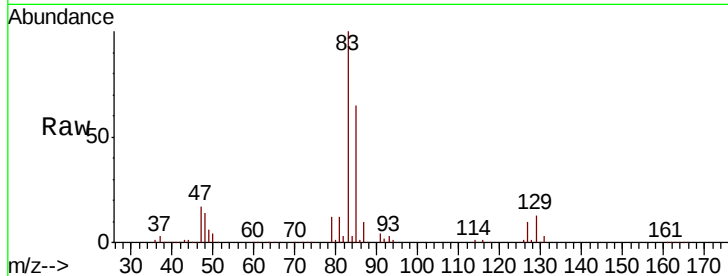
ClientSampleId :

EP1-MW-H-092718(7-10)MSD

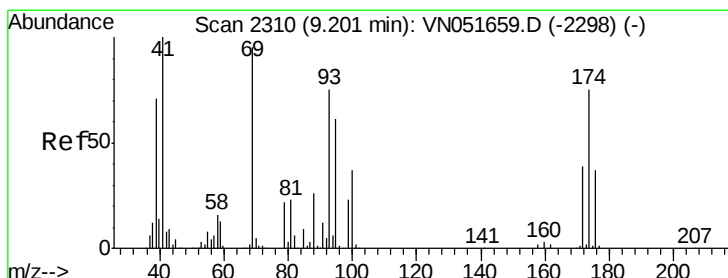
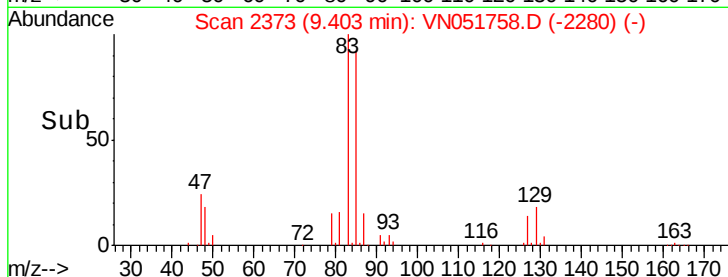
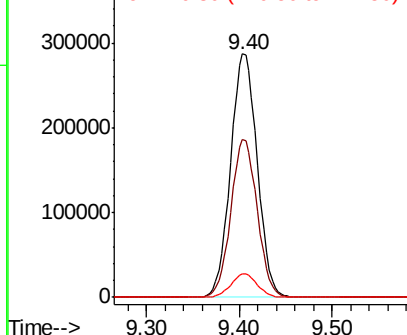
Tot Ion:	83	Resp:	572049
Ion	Ratio	Lower	Upper
83	100		
85	65.0	51.6	77.4
127	9.6	7.3	10.9

Manual Integrations
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Abundance Ion 82.90 (82.60 to 83.60): VNO
Ion 84.90 (84.60 to 85.60): VNO
Ion 126.80 (126.50 to 127.50): VNO



#48

Methyl methacrylate

Concen: 47.348 ug/l

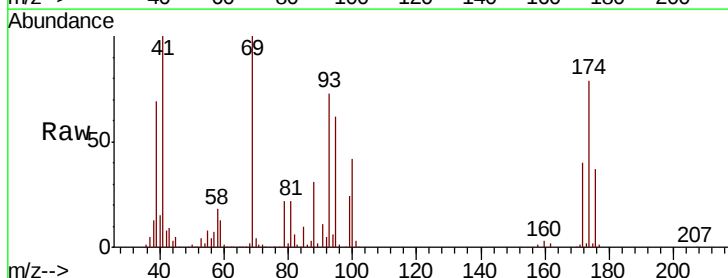
RT: 9.20 min Scan# 2310

Delta R.T. -0.00 min

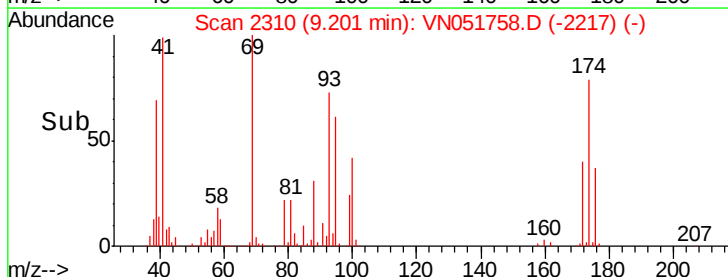
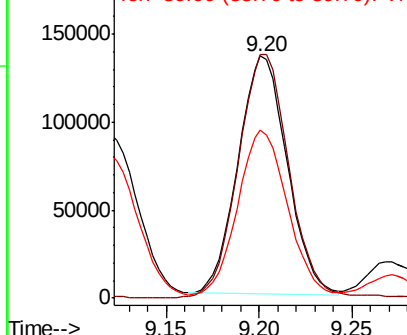
Lab File: VN051758.D

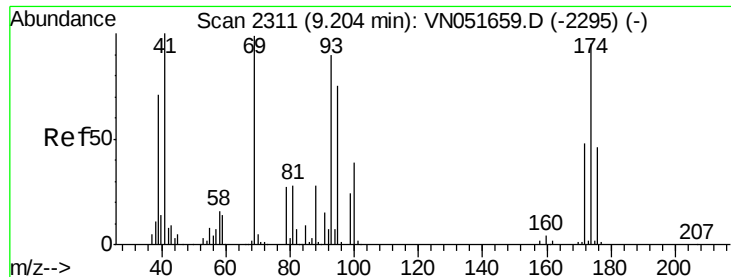
Acq: 9 Oct 2018 19:22

Tgt Ion:	41	Resp:	248833
Ion	Ratio	Lower	Upper
41	100		
69	106.1	78.6	118.0
39	71.7	59.2	88.8



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





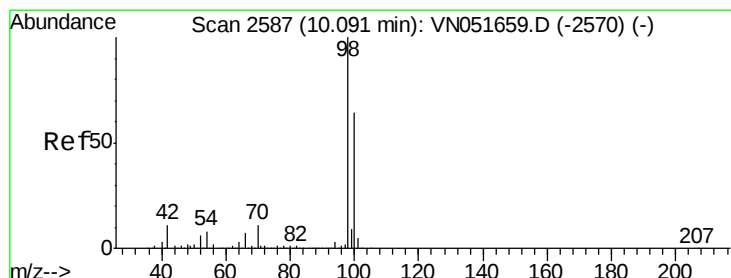
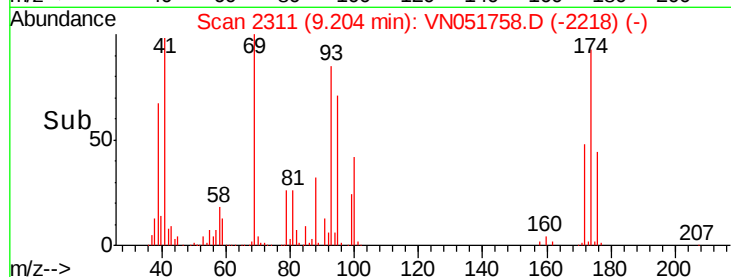
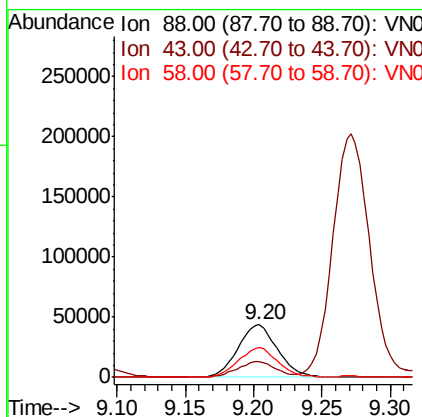
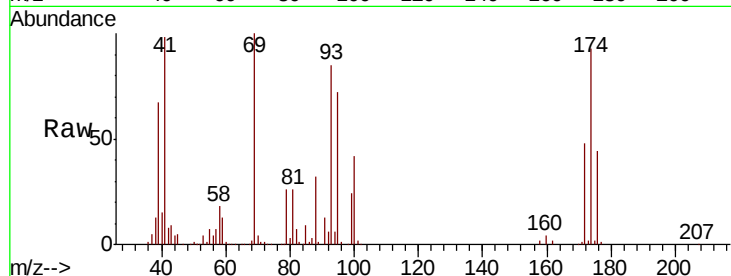
#49
1,4-Dioxane
Concen: 1124.235 ug/l
RT: 9.20 min Scan# 2311
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.5	24.5	36.7
58	56.3	47.6	71.4

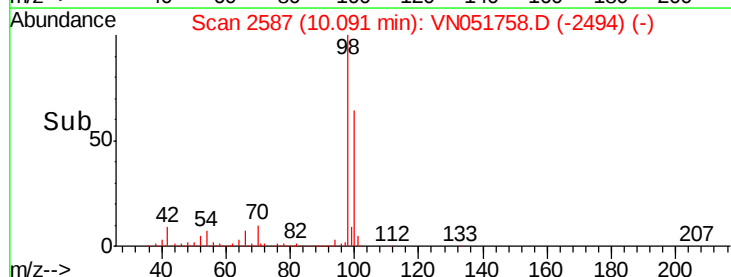
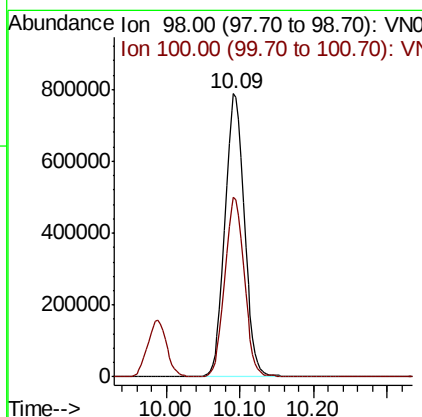
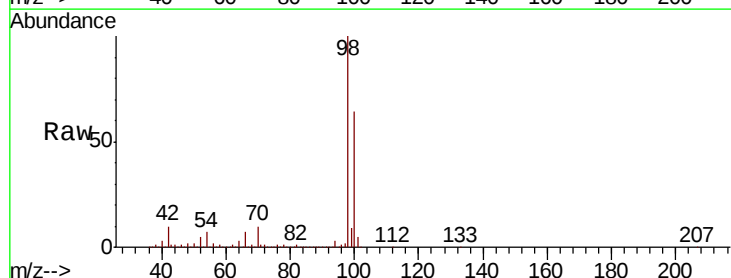
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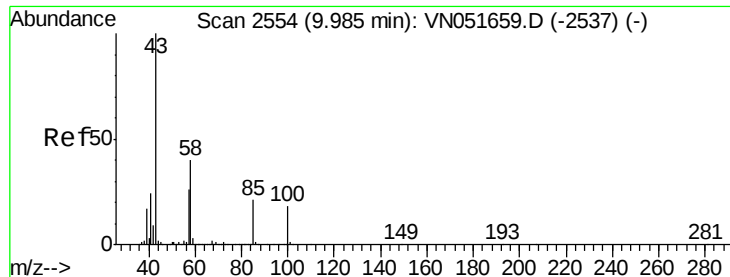
MMDadoda
10/10/2018 10:50:22 AM



#50
Toluene-d8
Concen: 1124.235 ug/l
RT: 10.09 min Scan# 2587
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.4	51.5	77.3





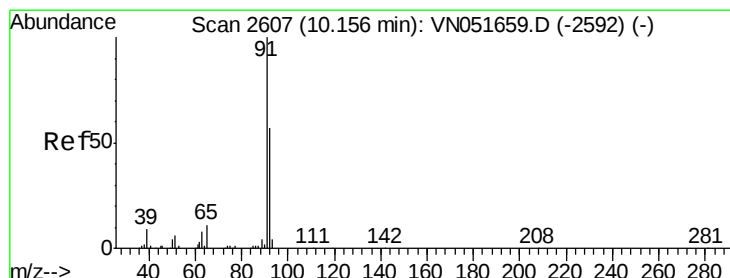
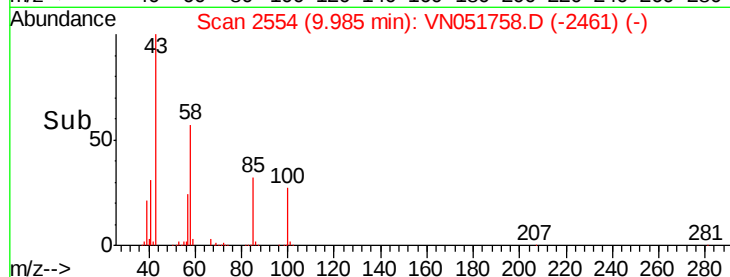
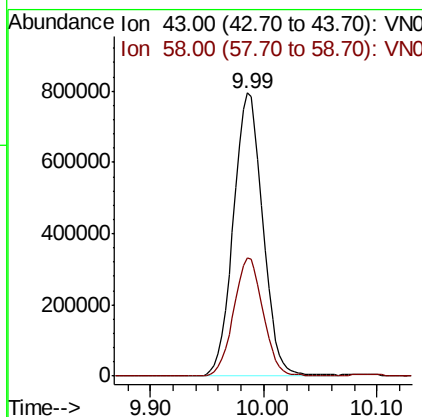
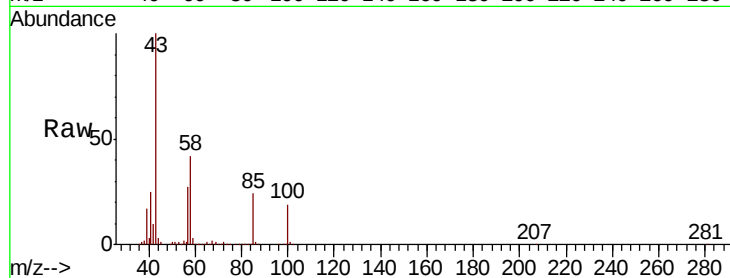
#51
4-Methyl-2-Pentanone
Concen: 247.511 ug/l
RT: 9.99 min Scan# 2554
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

Tot Ion: 43 Resp: 1442495
Ion Ratio Lower Upper
43 100
58 41.8 32.2 48.2

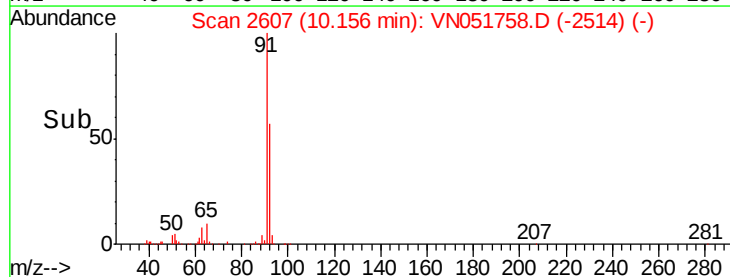
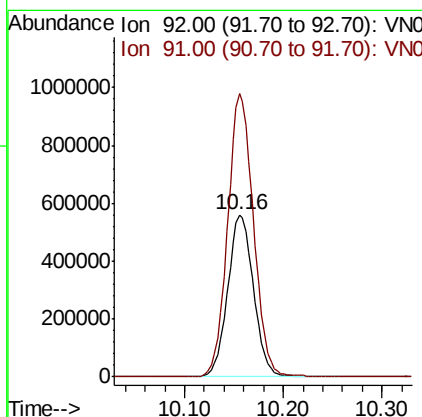
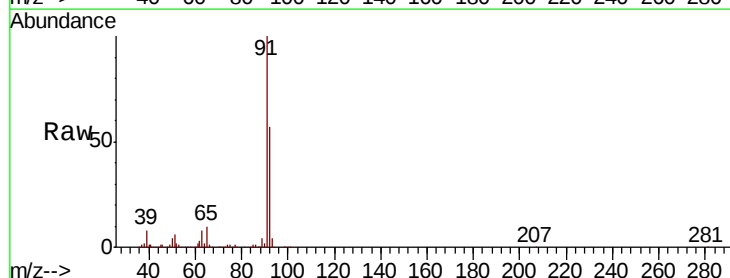
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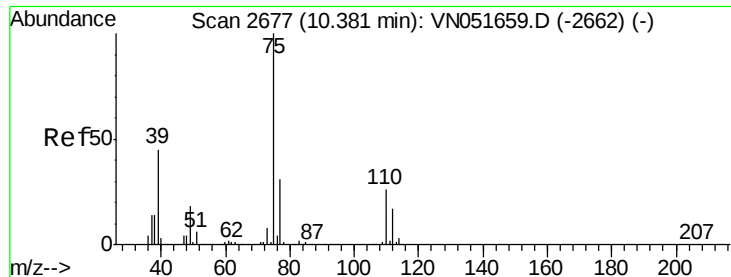
MMDadoda
10/10/2018 10:50:22 AM



#52
Toluene
Concen: 49.213 ug/l
RT: 10.16 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Tgt Ion: 92 Resp: 1026316
Ion Ratio Lower Upper
92 100
91 175.1 140.3 210.5





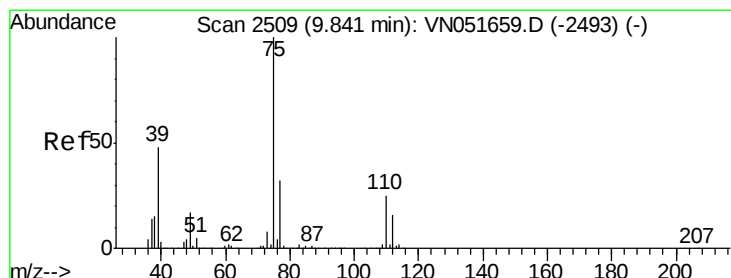
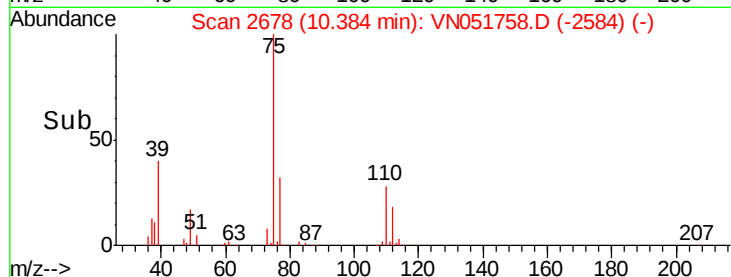
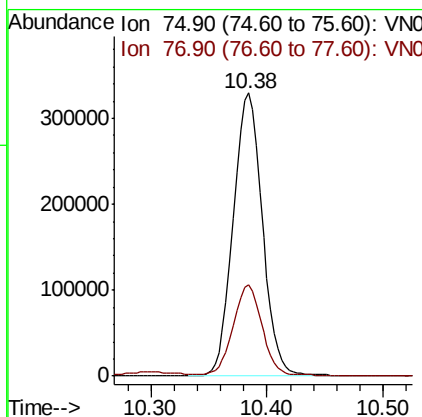
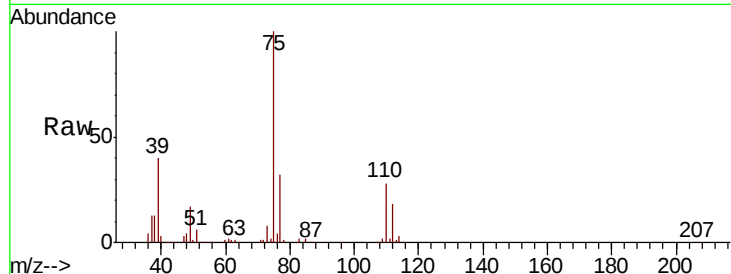
#53
t-1,3-Dichloropropene
Concen: 46.857 ug/l
RT: 10.38 min Scan# 2678
Delta R.T. 0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

Tot Ion	Ratio	Lower	Upper
75	100		
77	31.8	25.5	38.3

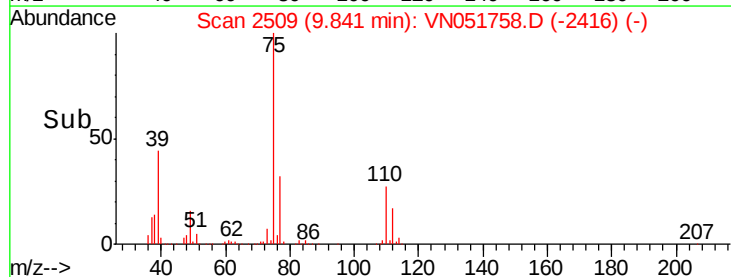
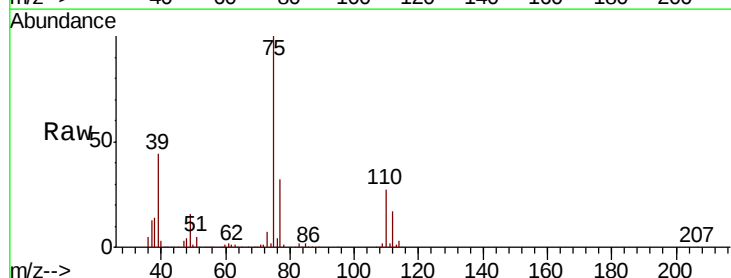
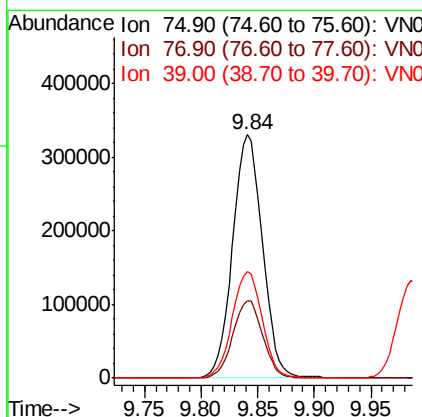
Manual Integrations
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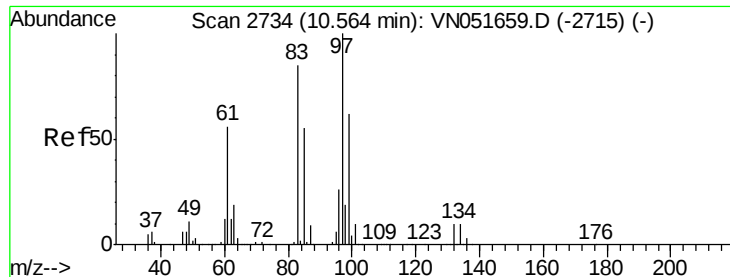
MMDadoda
10/10/2018 10:50:22 AM



#54
cis-1,3-Dichloropropene
Concen: 46.905 ug/l
RT: 9.84 min Scan# 2509
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Tgt Ion	Ratio	Lower	Upper
75	100		
77	31.7	25.7	38.5
39	43.6	38.1	57.1





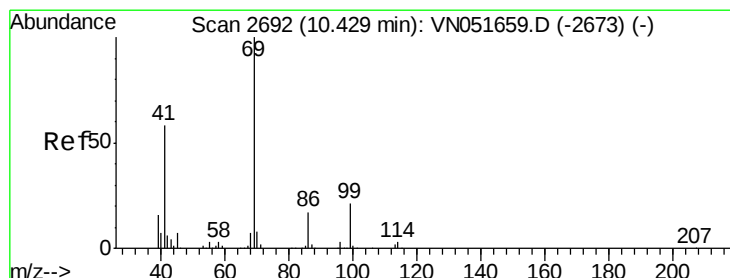
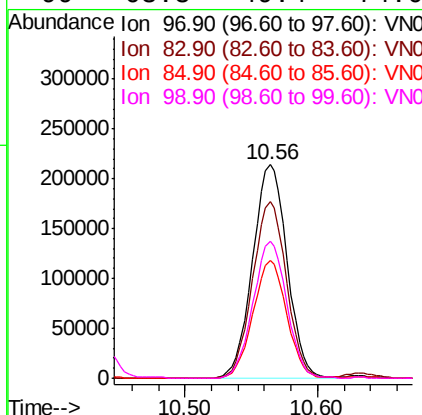
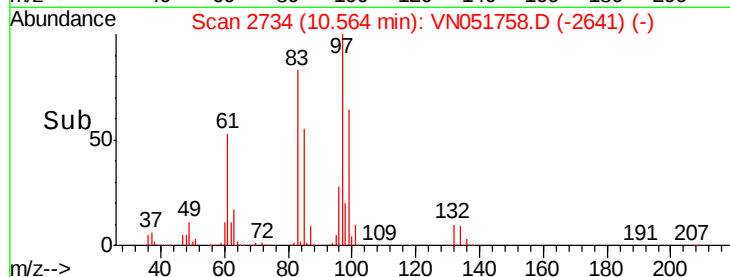
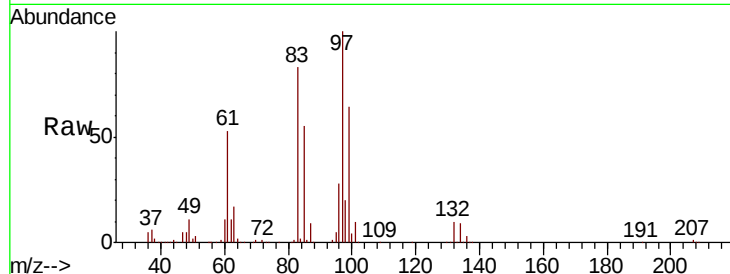
#55
 1,1,2-Trichloroethane
 Concen: 52.111 ug/l
 RT: 10.56 min Scan# 2734
 Delta R.T. -0.00 min
 Lab File: VN051758.D
 Acq: 9 Oct 2018 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H-092718(7-10)MSD

Tot Ion:	97	Resp:	387133
Ion	Ratio	Lower	Upper
97	100		
83	82.9	68.1	102.1
85	55.4	43.6	65.4
99	63.8	49.4	74.0

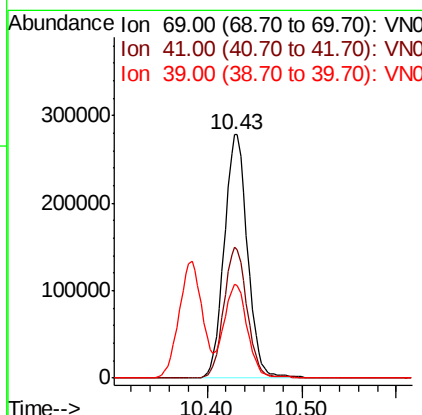
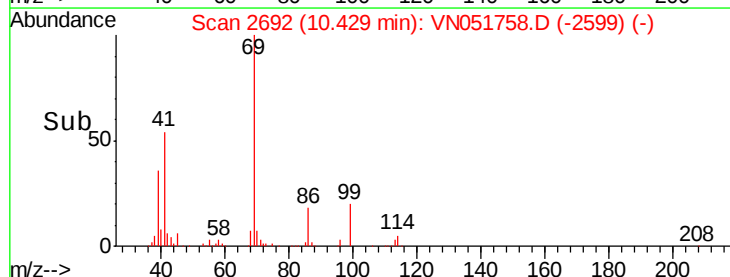
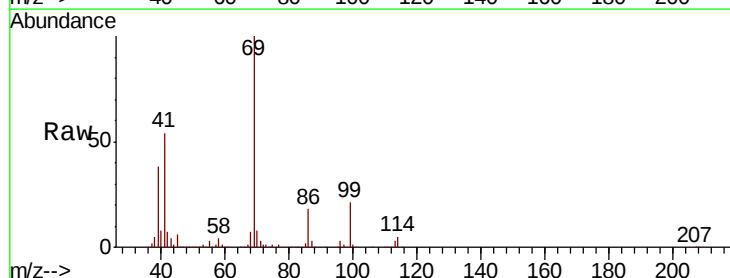
Manual Integrations
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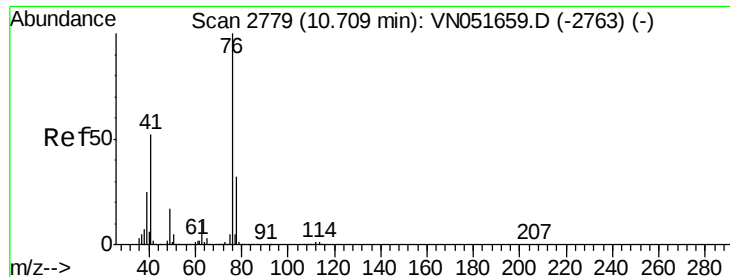
MMDadoda
 10/10/2018 10:50:22 AM



#56
 Ethyl methacrylate
 Concen: 50.821 ug/l
 RT: 10.43 min Scan# 2692
 Delta R.T. -0.00 min
 Lab File: VN051758.D
 Acq: 9 Oct 2018 19:22

Tgt Ion:	69	Resp:	477459
Ion	Ratio	Lower	Upper
69	100		
41	53.3	46.4	69.6
39	38.0	32.4	48.6





#57

1,3-Dichloropropane

Concen: 50.032 ug/l

RT: 10.71 min Scan# 2779

Delta R.T. -0.00 min

Lab File: VN051758.D

Acq: 9 Oct 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H-092718(7-10)MSD

Tot Ion: 76 Resp: 588275

Ion Ratio Lower Upper

76 100

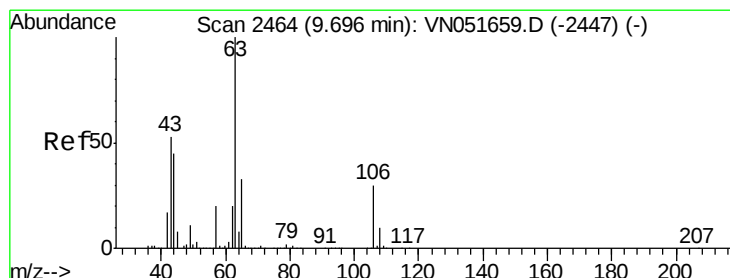
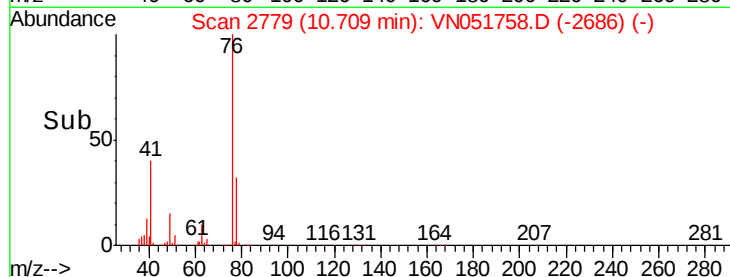
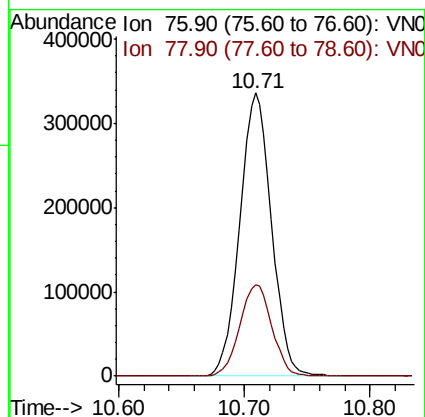
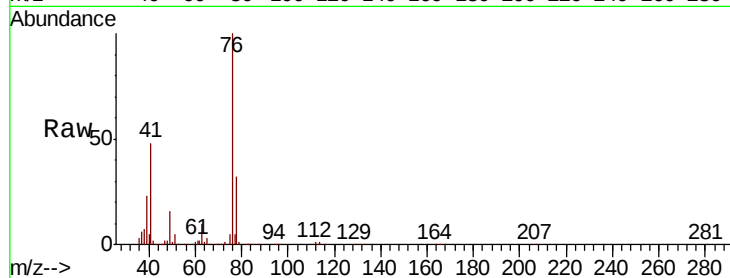
78 32.9 26.0 39.0

Manual Integrations

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MMDadoda

10/10/2018 10:50:22 AM



#58

2-Chloroethyl Vinyl ether

Concen: 252.988 ug/l

RT: 9.70 min Scan# 2464

Delta R.T. -0.00 min

Lab File: VN051758.D

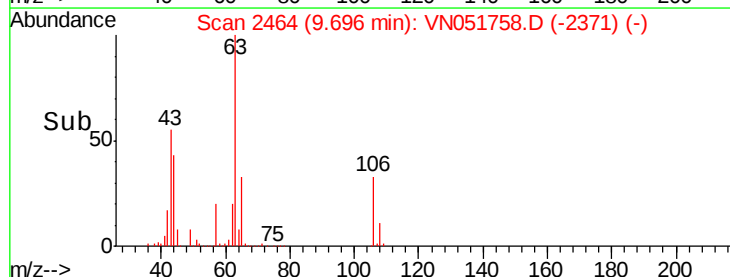
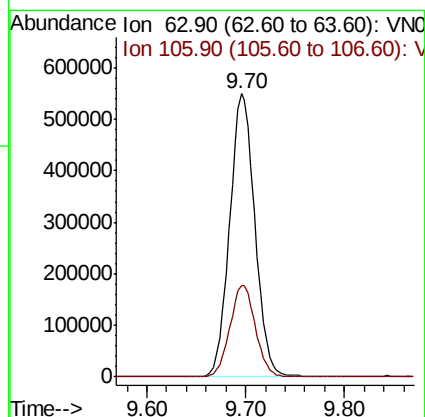
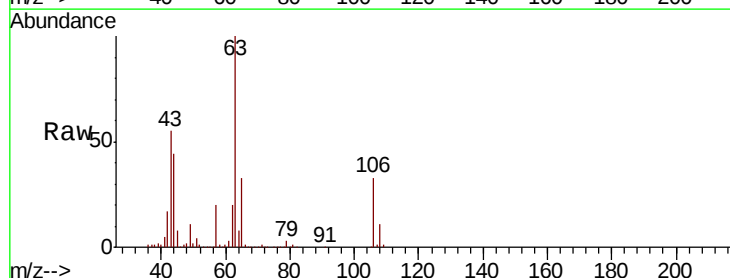
Acq: 9 Oct 2018 19:22

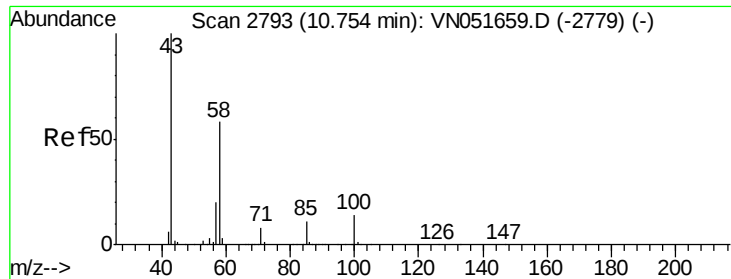
Tgt Ion: 63 Resp: 983667

Ion Ratio Lower Upper

63 100

106 32.8 24.3 36.5





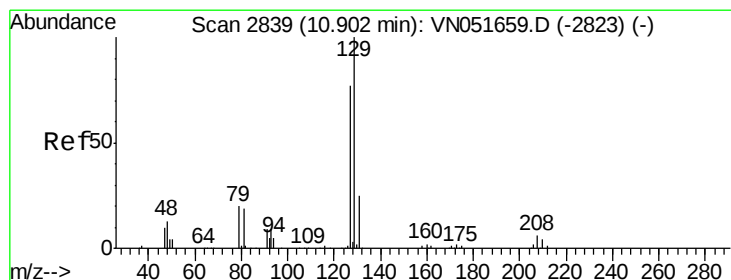
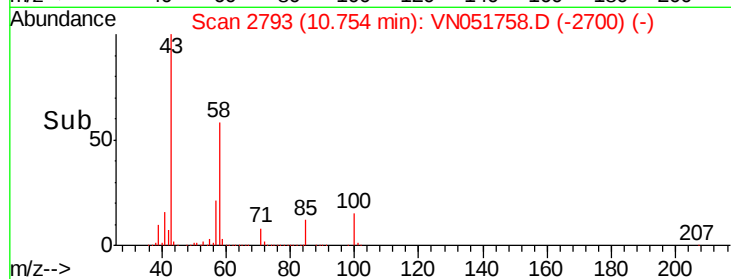
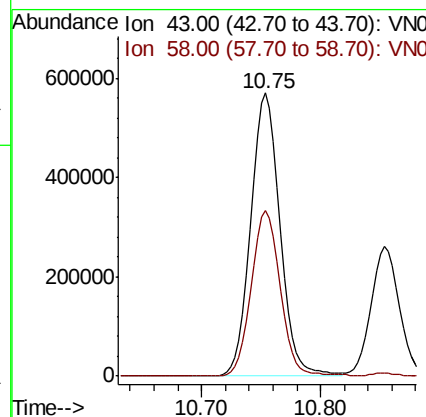
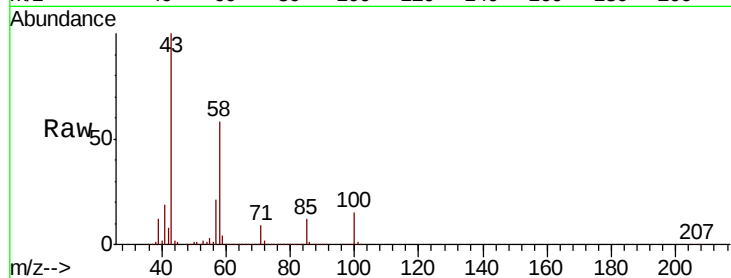
#59
2-Hexanone
Concen: 245.238 ug/l
RT: 10.75 min Scan# 2793
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

Tot Ion: 43 Resp: 970649
Ion Ratio Lower Upper
43 100
58 58.2 28.8 86.4

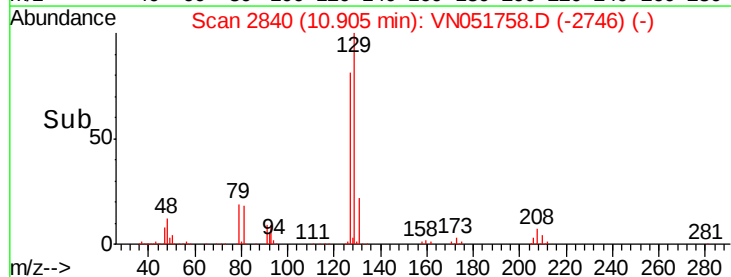
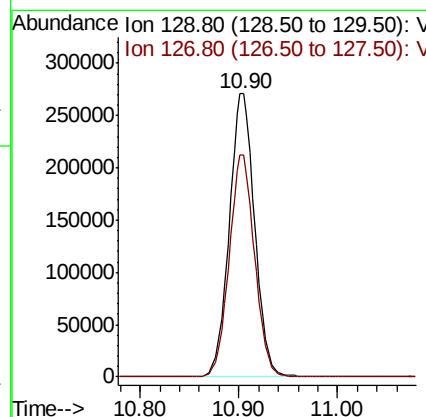
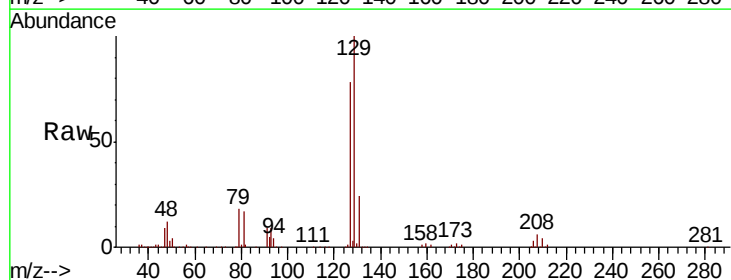
Manual Integrations
APPROVED

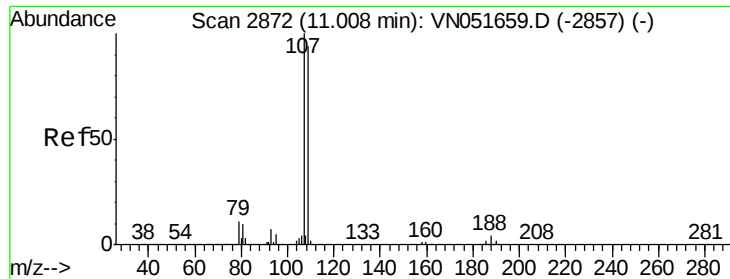
MMDadoda
10/10/2018 10:50:22 AM



#60
Dibromochloromethane
Concen: 50.139 ug/l
RT: 10.90 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Tgt Ion: 129 Resp: 487455
Ion Ratio Lower Upper
129 100
127 78.6 38.6 115.7





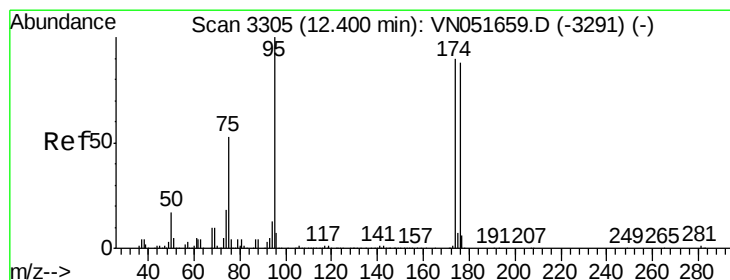
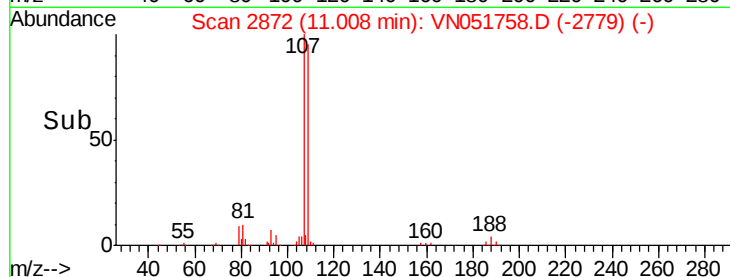
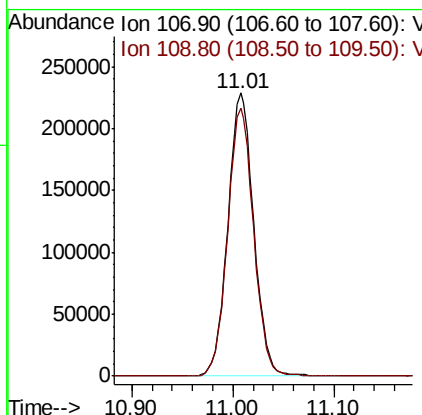
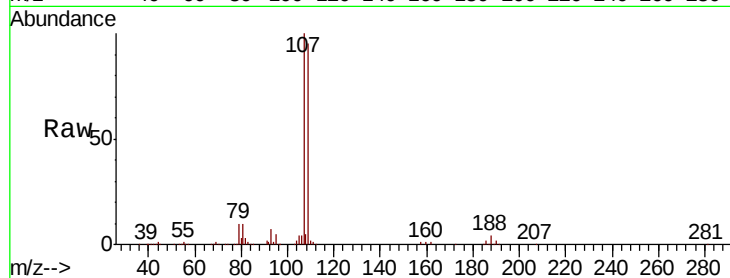
#61
 1,2-Dibromoethane
 Concen: 51.998 ug/l
 RT: 11.01 min Scan# 2872
 Delta R.T. -0.00 min
 Lab File: VN051758.D
 Acq: 9 Oct 2018 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H-092718(7-10)MSD

Tot Ion	Ratio	Lower	Upper
107	100		
109	95.2	75.4	113.0

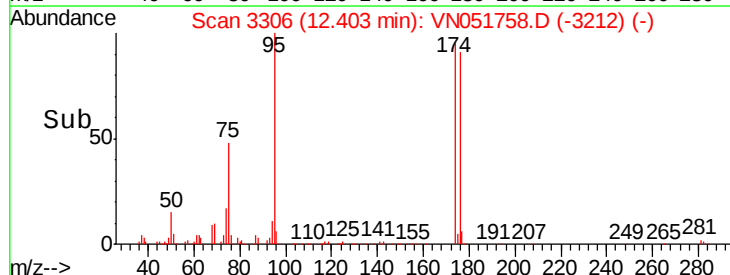
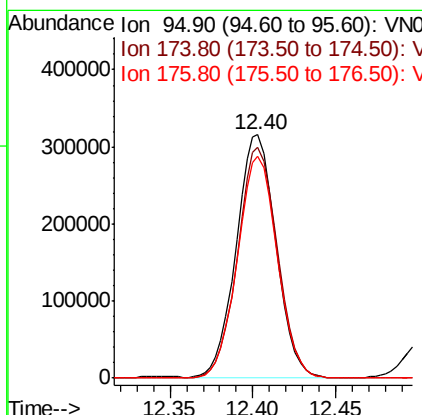
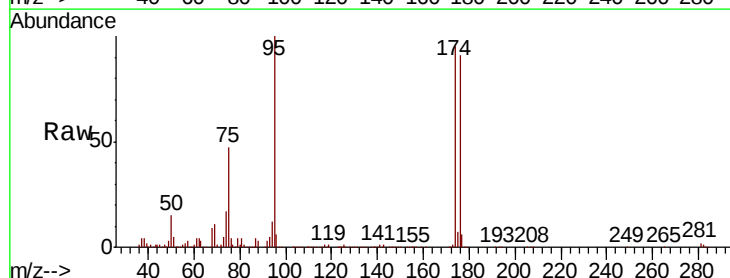
Manual Integrations
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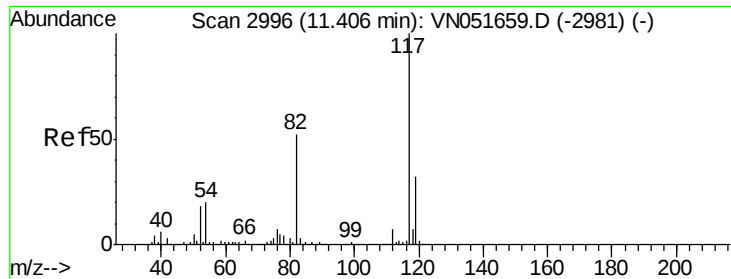
MMDadoda
 10/10/2018 10:50:22 AM



#62
 4-Bromofluorobenzene
 Concen: 51.998 ug/l
 RT: 12.40 min Scan# 3306
 Delta R.T. 0.00 min
 Lab File: VN051758.D
 Acq: 9 Oct 2018 19:22

Tgt Ion	Ratio	Lower	Upper
95	100		
174	95.2	0.0	182.8
176	91.9	0.0	176.4





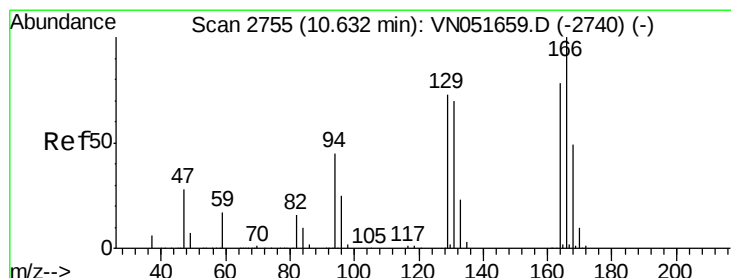
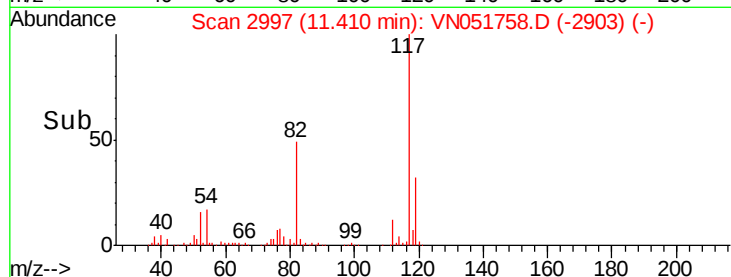
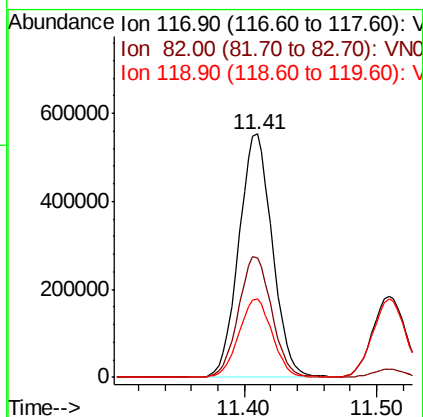
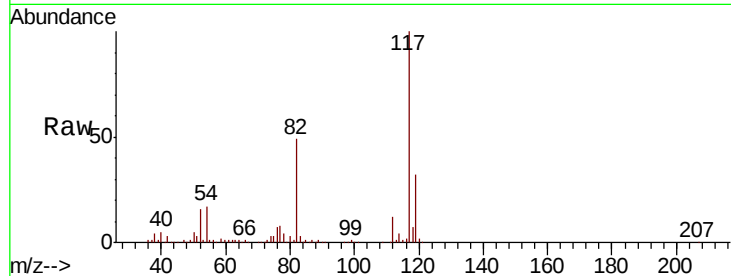
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.41 min Scan# 2997
Delta R.T. 0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

Tot Ion	Ratio	Lower	Upper
117	100		
82	49.2	41.3	61.9
119	32.3	25.9	38.9

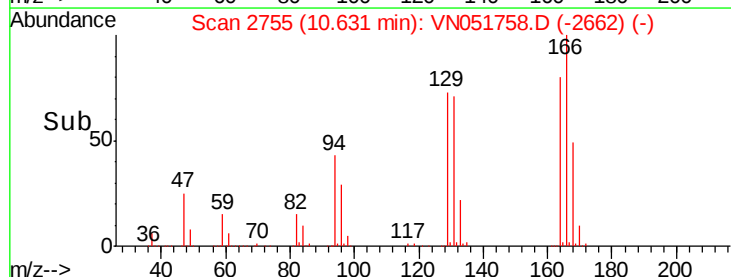
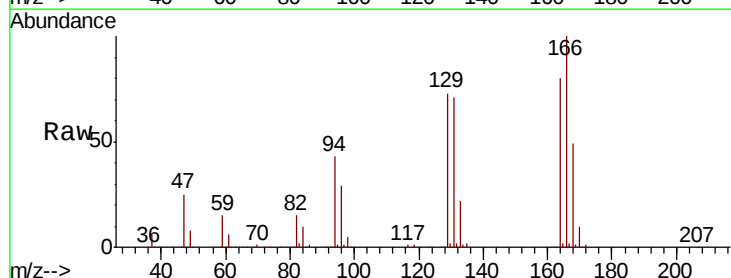
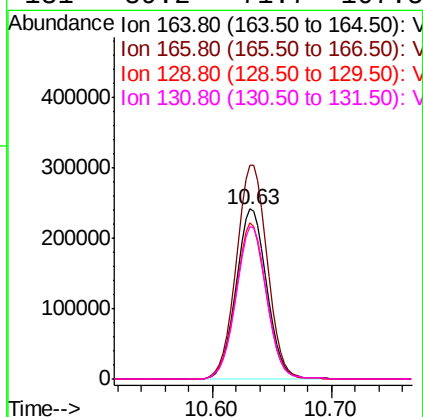
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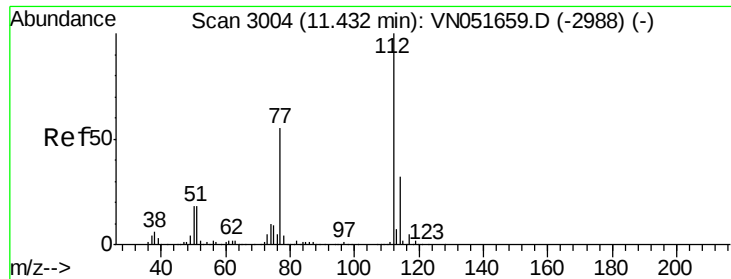
MMDadoda
10/10/2018 10:50:22 AM



#64
Tetrachloroethene
Concen: 50.491 ug/l
RT: 10.63 min Scan# 2755
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Tgt Ion	Ratio	Lower	Upper
164	100		
166	125.6	103.0	154.6
129	91.8	75.2	112.8
131	89.2	71.7	107.5





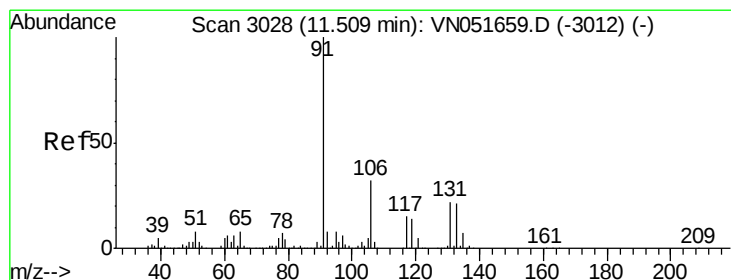
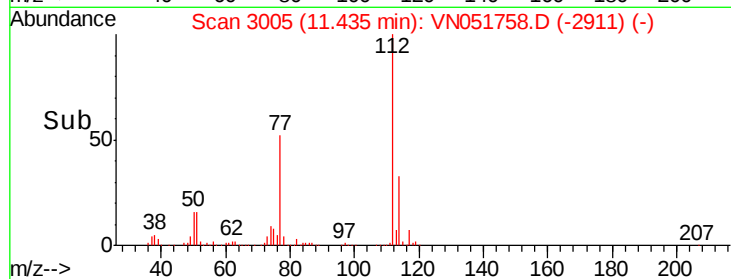
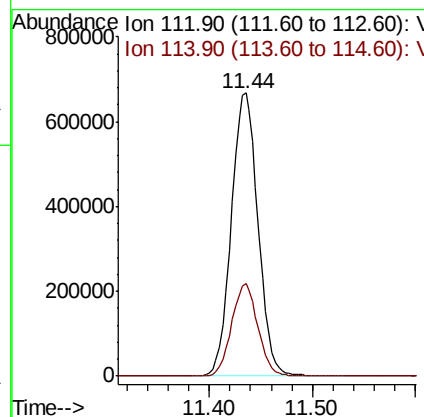
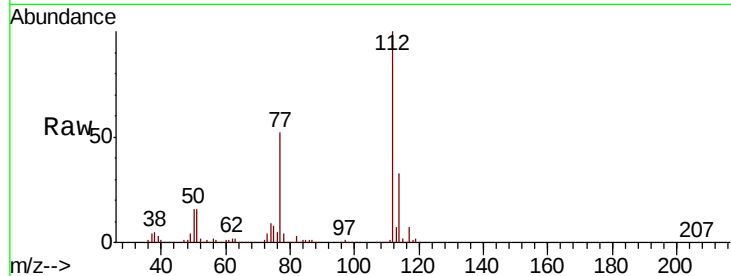
#65
Chlorobenzene
Concen: 50.072 ug/l
RT: 11.44 min Scan# 3005
Delta R.T. 0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

Tot Ion:112 Resp: 1201944
Ion Ratio Lower Upper
112 100
114 32.6 25.9 38.9

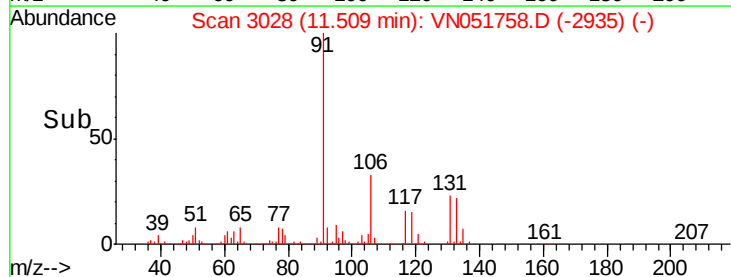
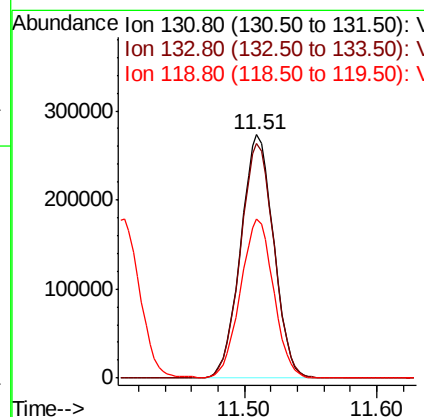
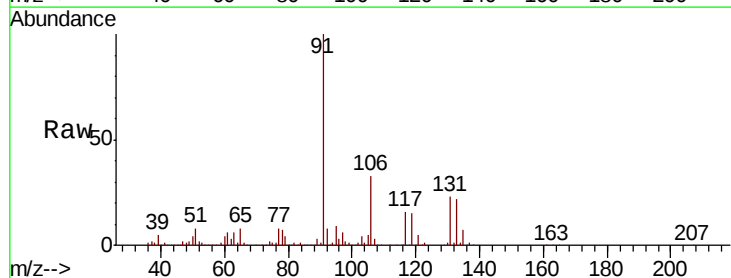
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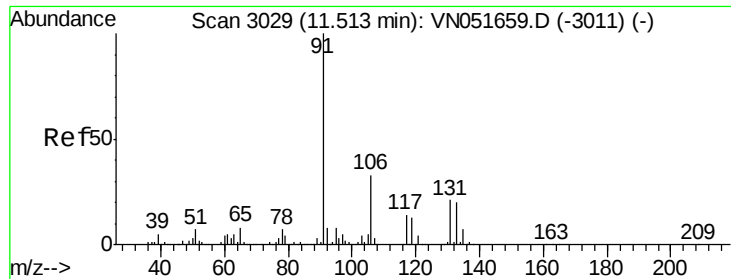
MMDadoda
10/10/2018 10:50:22 AM



#66
1,1,1,2-Tetrachloroethane
Concen: 49.146 ug/l
RT: 11.51 min Scan# 3028
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Tgt Ion:131 Resp: 472360
Ion Ratio Lower Upper
131 100
133 97.7 47.6 142.8
119 65.7 32.0 96.0





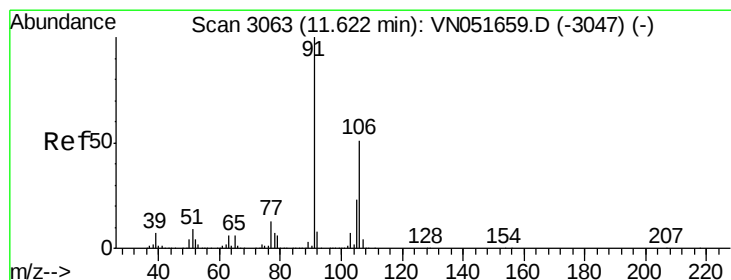
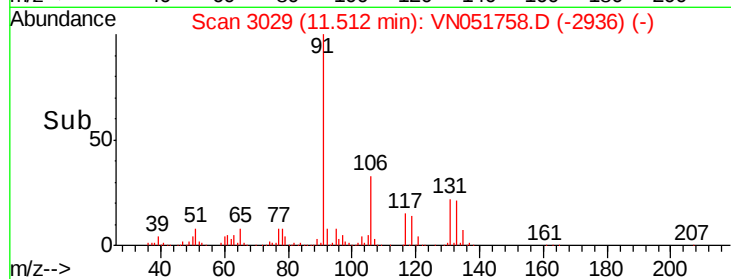
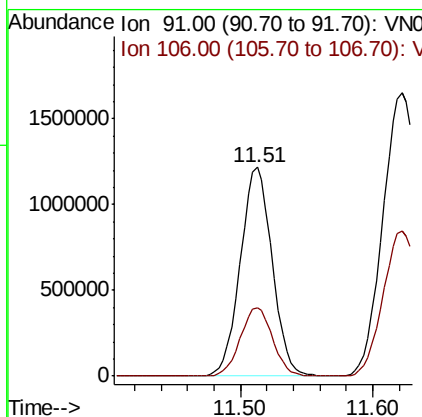
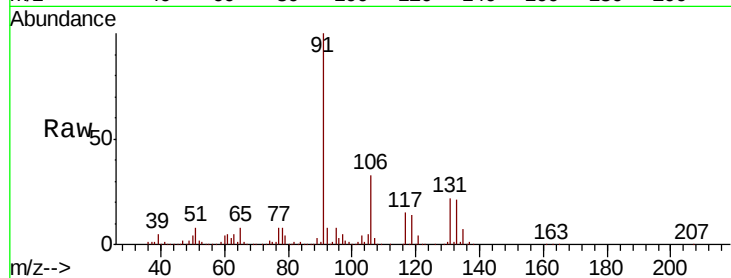
#67
Ethyl Benzene
Concen: 48.955 ug/l
RT: 11.51 min Scan# 3029
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

Tot Ion: 91 Resp: 2031151
Ion Ratio Lower Upper
91 100
106 33.0 26.0 39.0

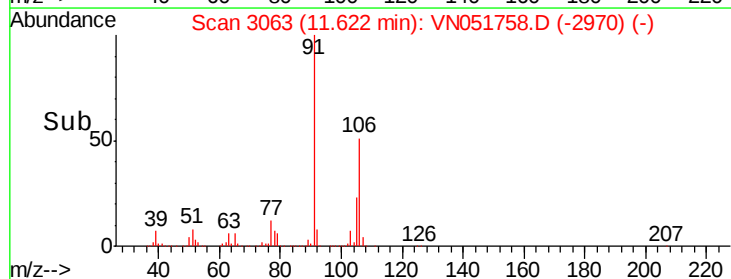
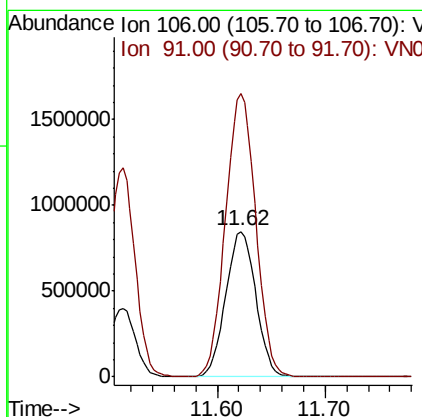
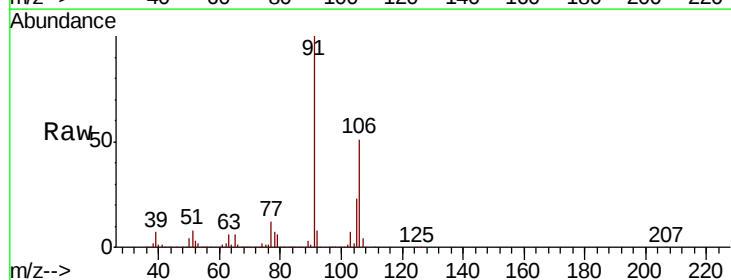
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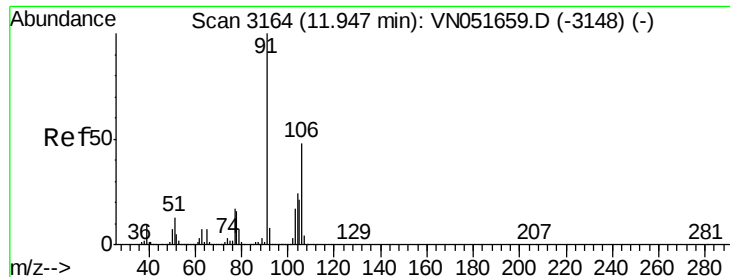
MMDadoda
10/10/2018 10:50:22 AM



#68
m/p-Xylenes
Concen: 99.257 ug/l
RT: 11.62 min Scan# 3063
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Tgt Ion: 106 Resp: 1647749
Ion Ratio Lower Upper
106 100
91 195.4 158.4 237.6





#69

o-Xylene

Concen: 50.262 ug/l

RT: 11.95 min Scan# 3164

Delta R.T. -0.00 min

Lab File: VN051758.D

Acq: 9 Oct 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H-092718(7-10)MSD

Tot Ion:106 Resp: 818288

Ion Ratio Lower Upper

106 100

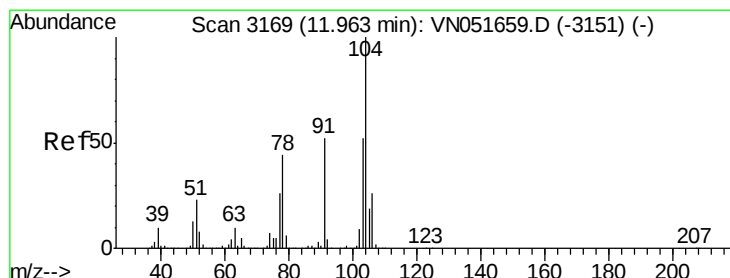
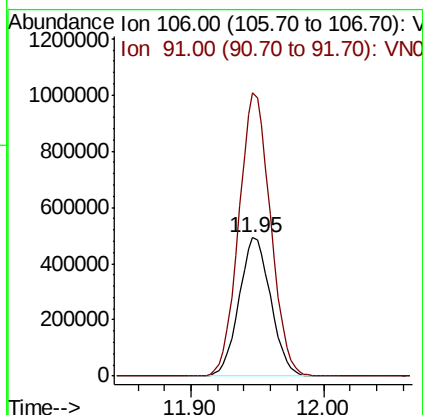
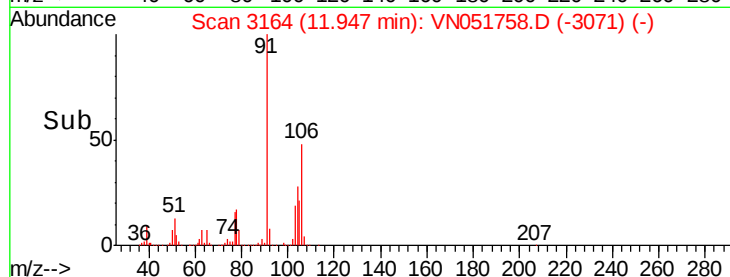
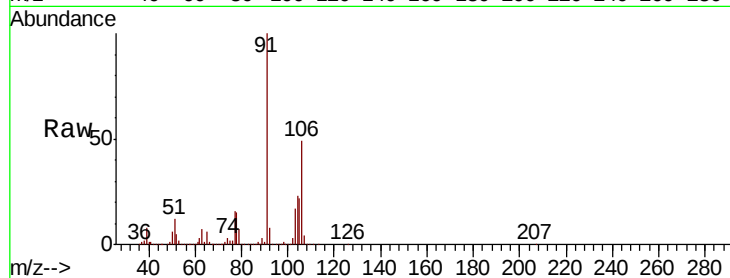
91 204.4 104.4 313.2

Manual Integrations

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MMDadoda

10/10/2018 10:50:22 AM



#70

Styrene

Concen: 50.396 ug/l

RT: 11.97 min Scan# 3170

Delta R.T. 0.00 min

Lab File: VN051758.D

Acq: 9 Oct 2018 19:22

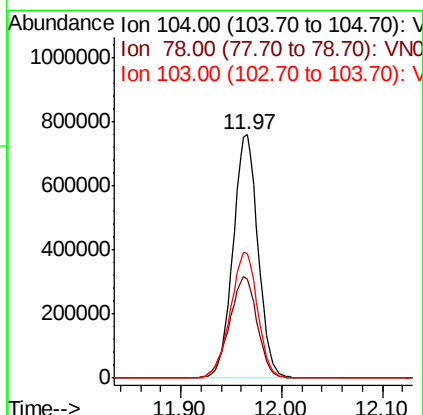
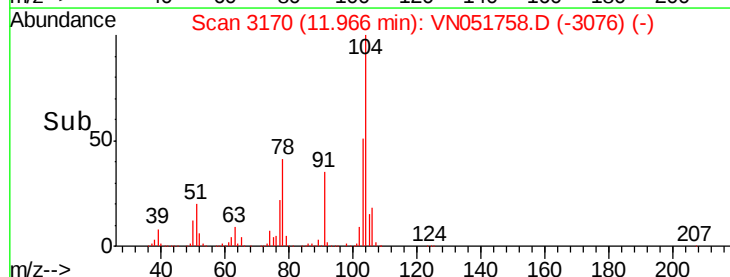
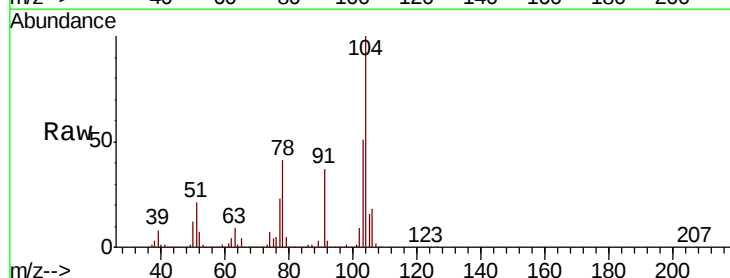
Tgt Ion:104 Resp: 1307371

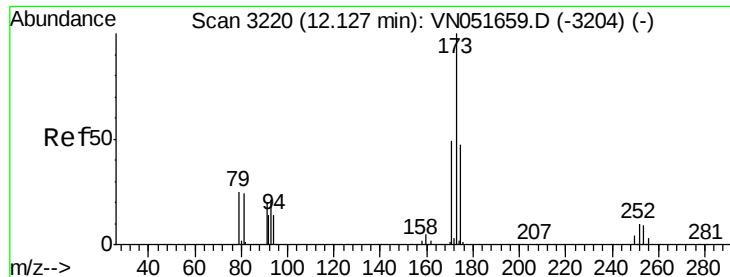
Ion Ratio Lower Upper

104 100

78 46.5 39.3 58.9

103 56.1 45.0 67.6





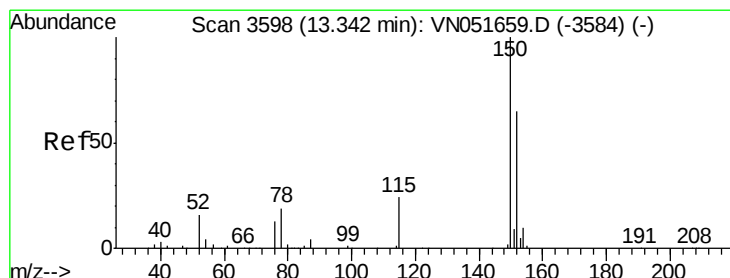
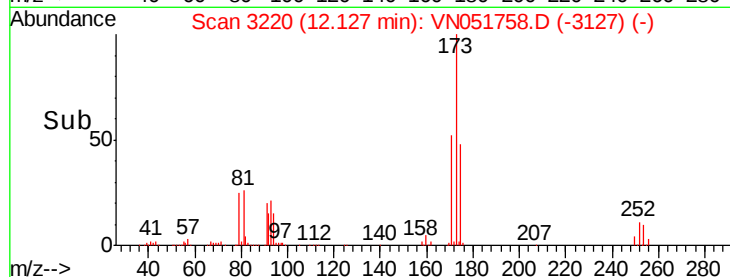
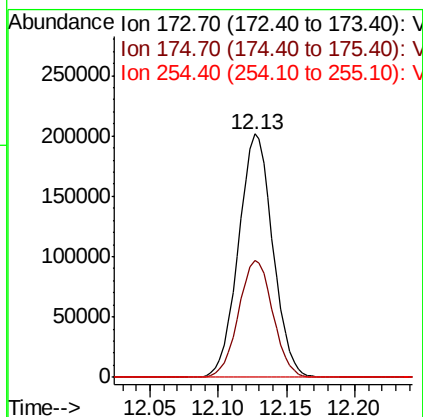
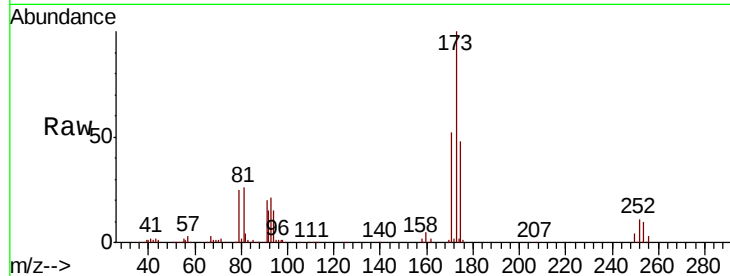
#71
Bromoform
Concen: 49.018 ug/l
RT: 12.13 min Scan# 3220
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

Tot Ion	Ratio	Lower	Upper
173	100		
175	48.2	24.0	72.0
254	0.2	0.1	0.1#

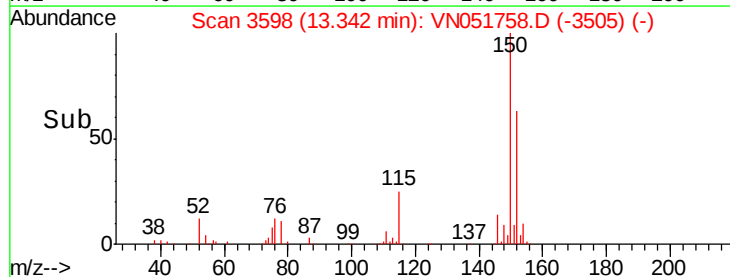
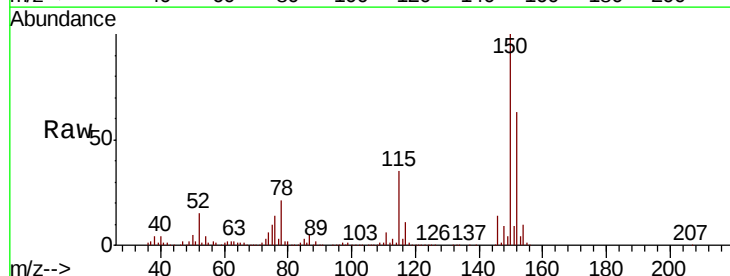
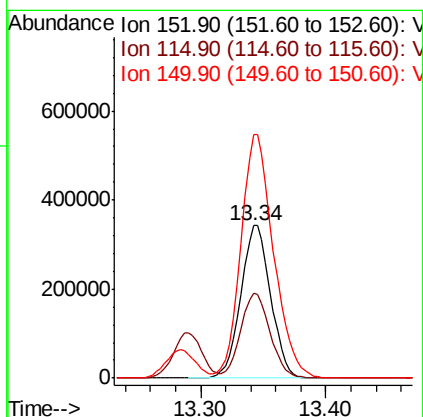
Manual Integrations
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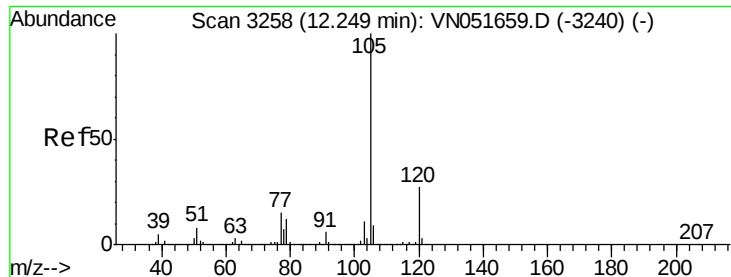
MMDadoda
10/10/2018 10:50:22 AM



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.34 min Scan# 3598
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Tgt Ion	Ratio	Lower	Upper
152	100		
115	55.3	28.6	85.8
150	175.2	0.0	352.4





#73

Isopropylbenzene

Concen: 45.640 ug/l

RT: 12.25 min Scan# 3258

Delta R.T. -0.00 min

Lab File: VN051758.D

Acq: 9 Oct 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H-092718(7-10)MSD

Tot Ion:105 Resp: 2194753

Ion Ratio Lower Upper

105 100

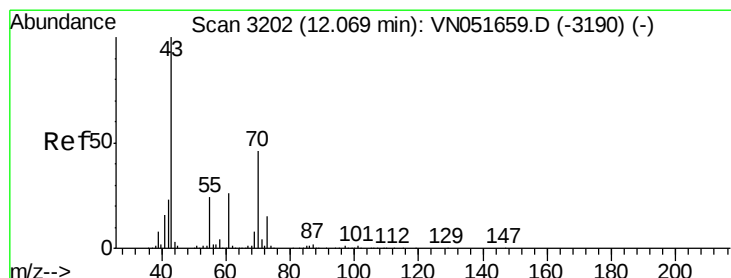
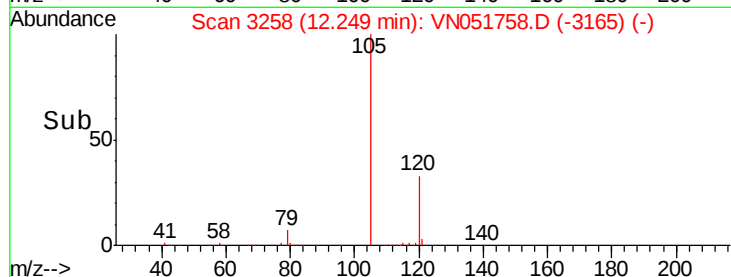
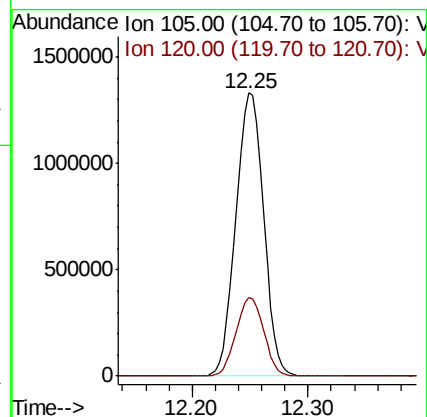
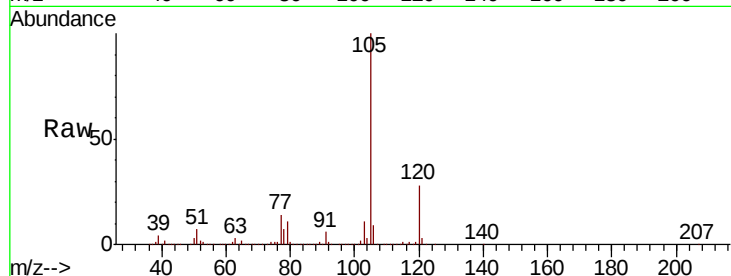
120 27.7 13.9 41.6

Manual Integrations

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MMDadoda

10/10/2018 10:50:22 AM



#74

N-ethyl acetate

Concen: 48.129 ug/l

RT: 12.07 min Scan# 3202

Delta R.T. 0.00 min

Lab File: VN051758.D

Acq: 9 Oct 2018 19:22

Tgt Ion: 43 Resp: 479565

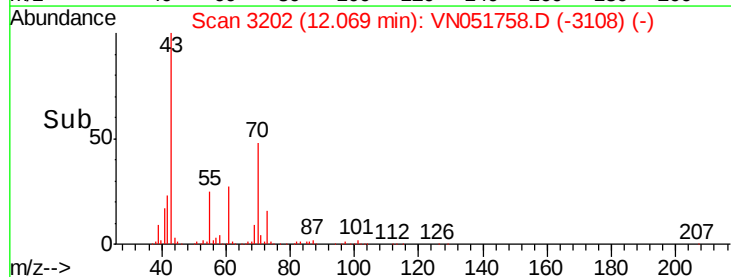
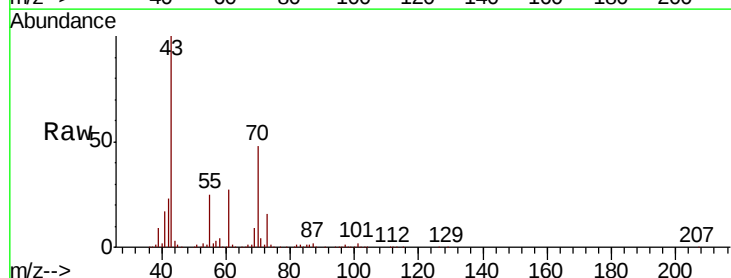
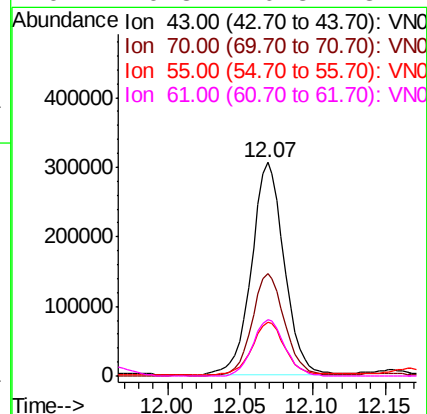
Ion Ratio Lower Upper

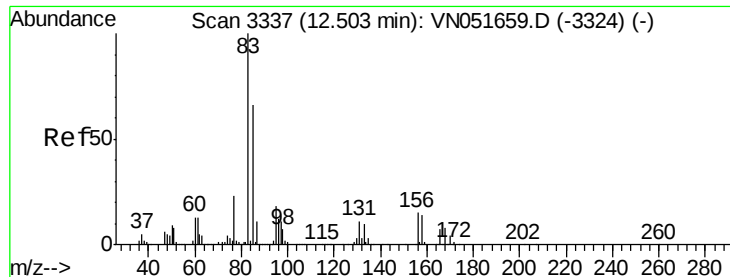
43 100

70 47.2 37.1 55.7

55 25.3 19.1 28.7

61 26.3 20.8 31.2





#75

1,1,2,2-Tetrachloroethane

Concen: 52.708 ug/l

RT: 12.51 min Scan# 3338

Delta R.T. 0.00 min

Lab File: VN051758.D

Acq: 9 Oct 2018 19:22

Instrument :

MSVOA_N

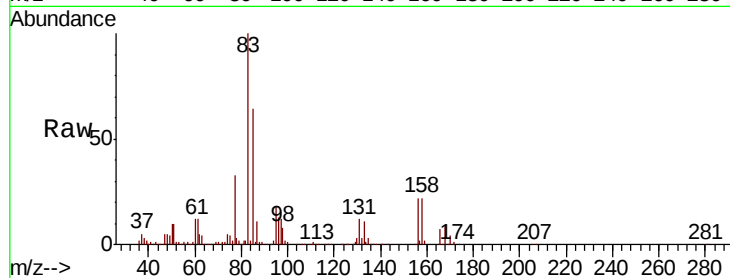
ClientSampleId :

EP1-MW-H-092718(7-10)MSD

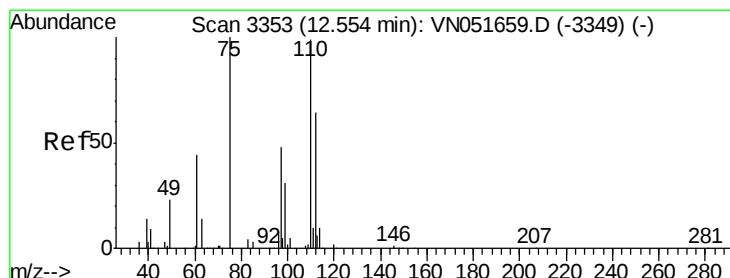
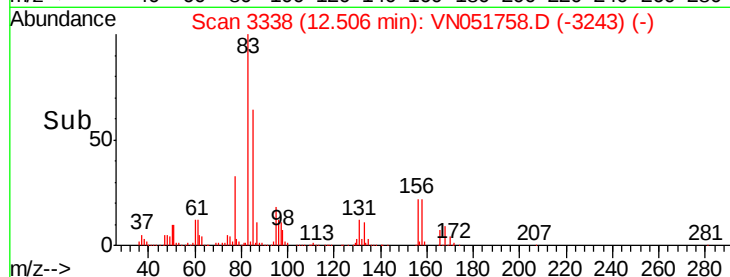
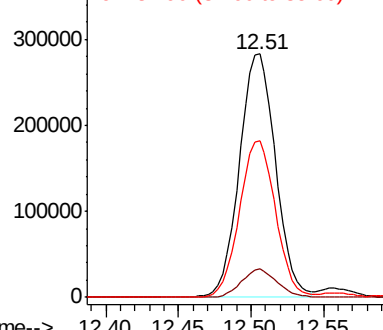
Tot Ion:	83	Resp:	489476
Ion Ratio	Lower	Upper	
83	100		
131	11.5	5.7	17.1
85	64.3	33.0	98.9

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Abundance Ion 82.90 (82.60 to 83.60): VN051758.D (-3338) (-)



#76

1,2,3-Trichloropropane

Concen: 55.995 ug/l m

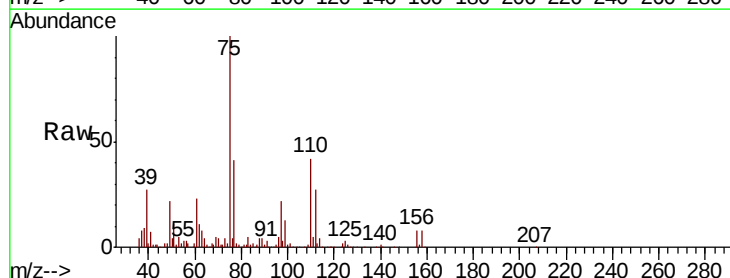
RT: 12.55 min Scan# 3353

Delta R.T. 0.00 min

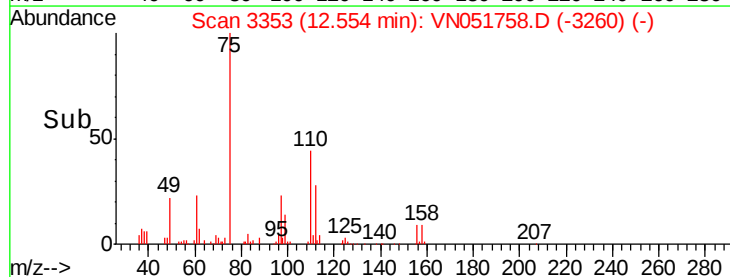
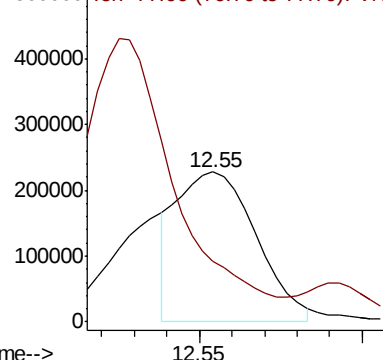
Lab File: VN051758.D

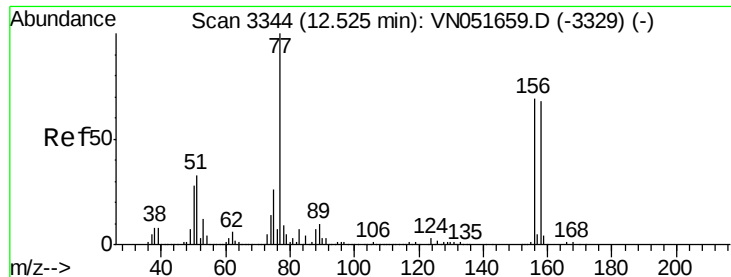
Acq: 9 Oct 2018 19:22

Tgt Ion:	75	Resp:	389044
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0



Abundance Ion 74.90 (74.60 to 75.60): VN051758.D (-3353) (-)





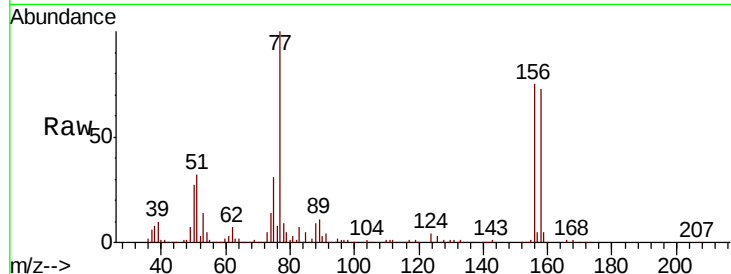
#77
Bromobenzene
Concen: 47.142 ug/l
RT: 12.53 min Scan# 3345
Delta R.T. 0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

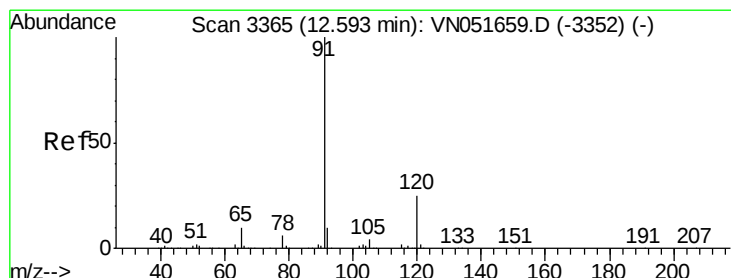
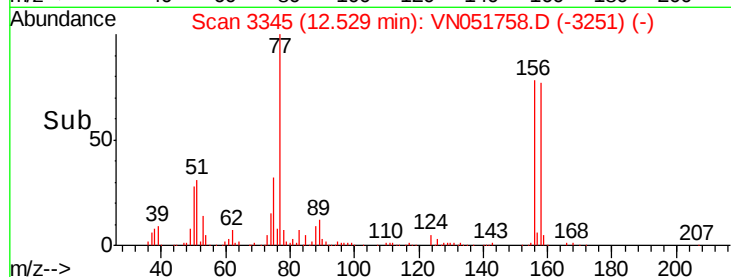
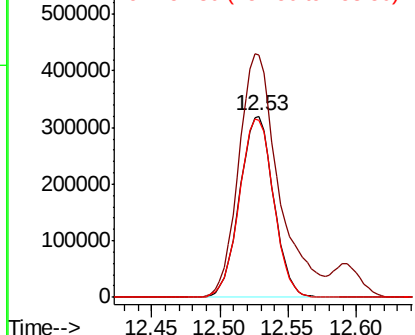
Tot Ion	Ratio	Lower	Upper
156	100		
77	158.3	83.2	249.4
158	99.3	49.0	147.2

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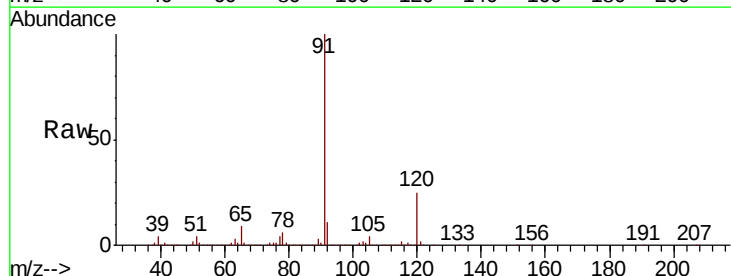


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VNO
Ion 157.80 (157.50 to 158.50): V

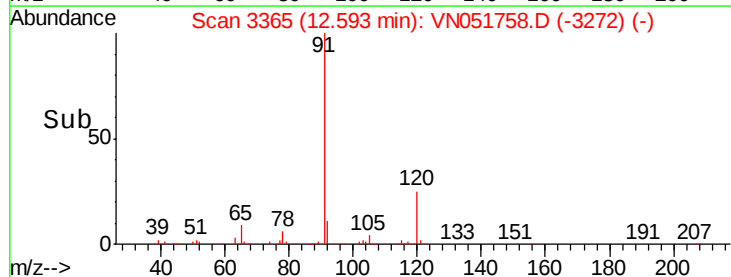
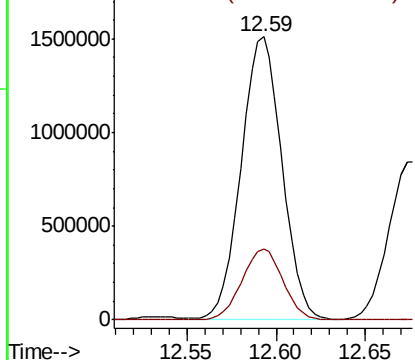


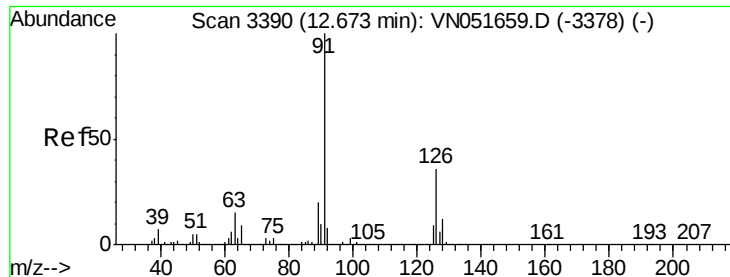
#78
n-propylbenzene
Concen: 45.909 ug/l
RT: 12.59 min Scan# 3365
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Tgt Ion	Ratio	Lower	Upper
91	100		
120	25.3	12.4	37.2



Abundance Ion 91.00 (90.70 to 91.70): VNO
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 45.647 ug/l

RT: 12.68 min Scan# 3391

Delta R.T. 0.00 min

Lab File: VN051758.D

Acq: 9 Oct 2018 19:22

Instrument :

MSVOA_N

ClientSampleId :

EP1-MW-H-092718(7-10)MSD

Tot Ion: 91 Resp: 1411029

Ion Ratio Lower Upper

91 100

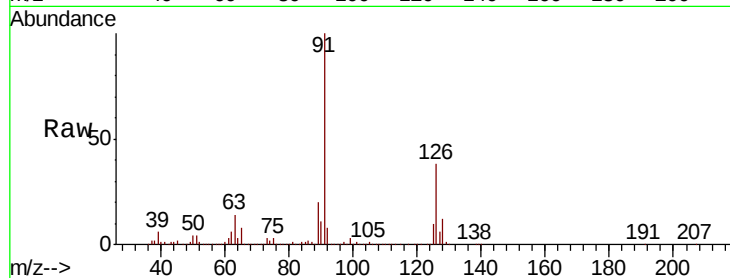
126 37.7 18.5 55.5

Manual Integrations

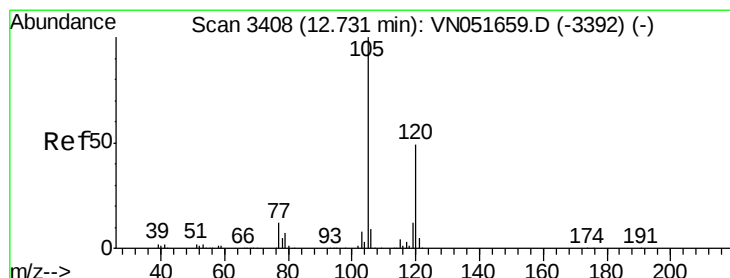
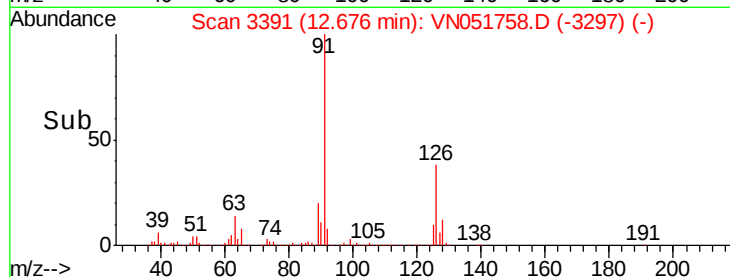
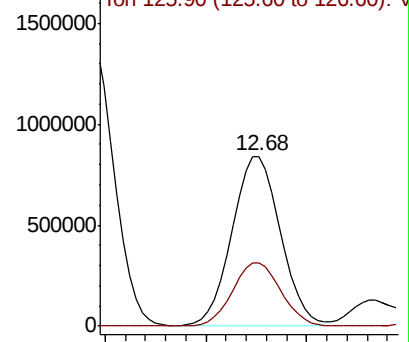
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Abundance Ion 91.00 (90.70 to 91.70): VN051659.D (-3378) (-)



#80

1,3,5-Trimethylbenzene

Concen: 46.571 ug/l

RT: 12.73 min Scan# 3409

Delta R.T. 0.00 min

Lab File: VN051758.D

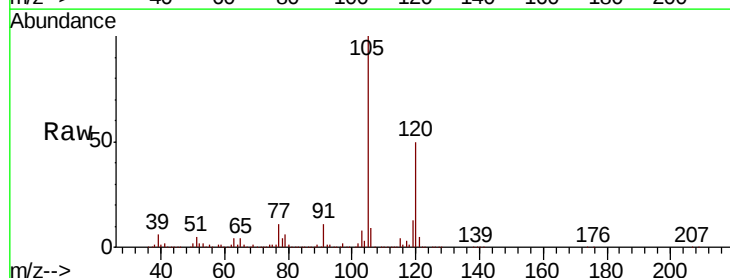
Acq: 9 Oct 2018 19:22

Tgt Ion: 105 Resp: 1887295

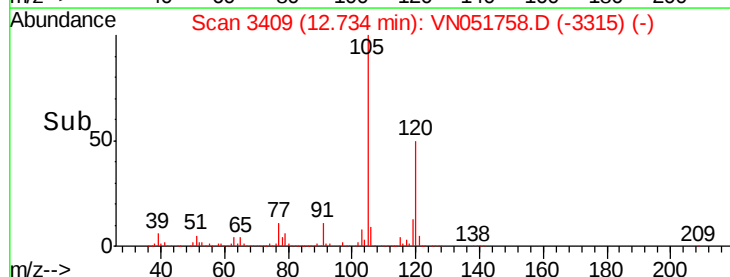
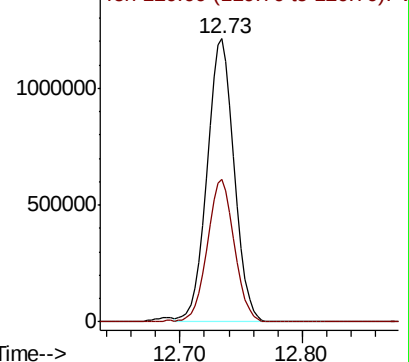
Ion Ratio Lower Upper

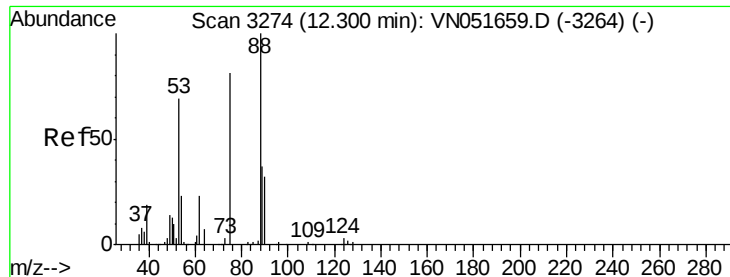
105 100

120 50.5 24.6 74.0



Abundance Ion 105.00 (104.70 to 105.70): VN051659.D (-3392) (-)





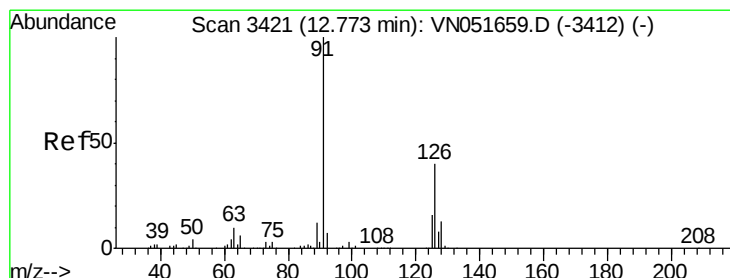
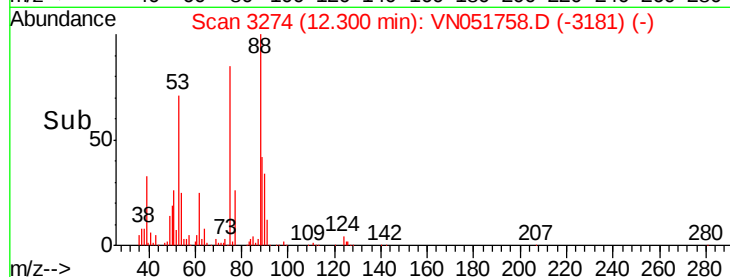
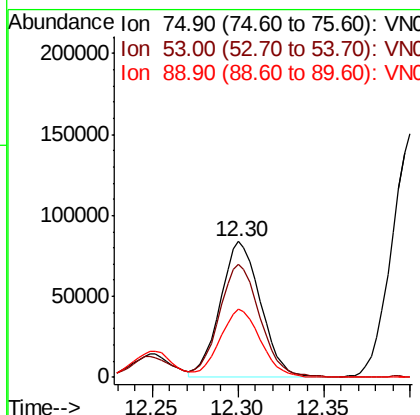
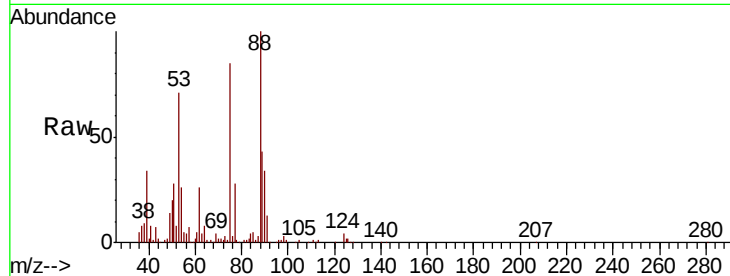
#81
trans-1,4-Dichloro-2-butene
Concen: 44.217 ug/l
RT: 12.30 min Scan# 3274
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

Tot Ion	Ratio	Lower	Upper
75	100		
53	84.8	68.6	102.8
89	51.5	39.4	59.2

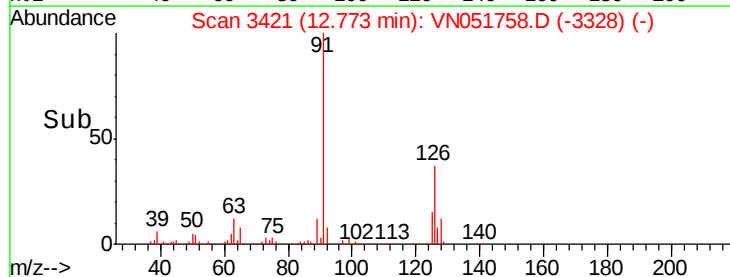
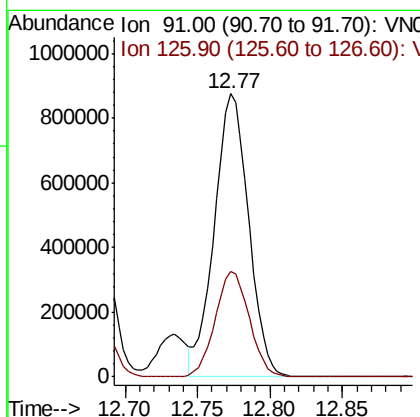
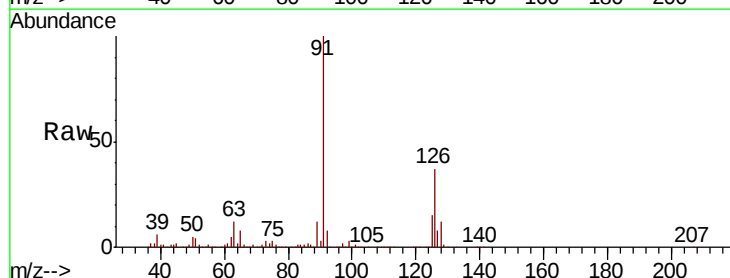
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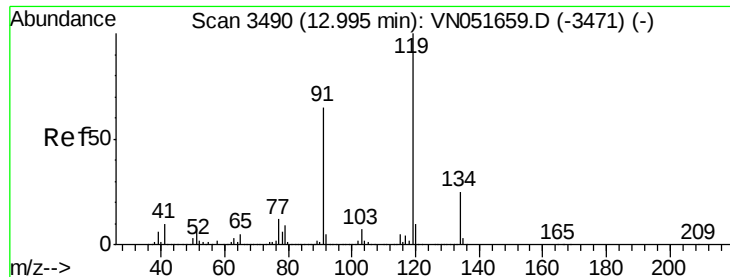
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#82
4-Chlorotoluene
Concen: 46.302 ug/l
RT: 12.77 min Scan# 3421
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Tgt Ion	Ratio	Lower	Upper
91	100		
126	37.0	18.0	54.0





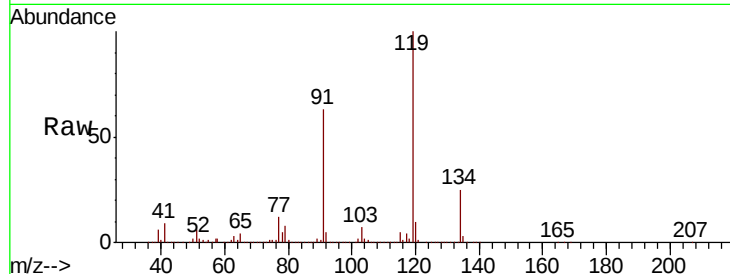
#83
tert-Butylbenzene
Concen: 47.415 ug/l
RT: 12.99 min Scan# 3490
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

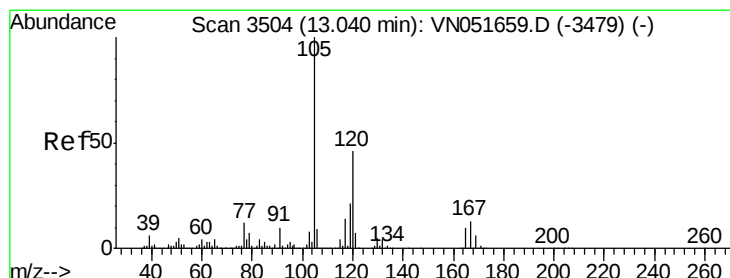
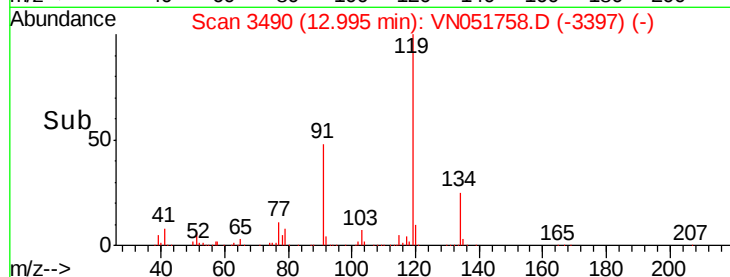
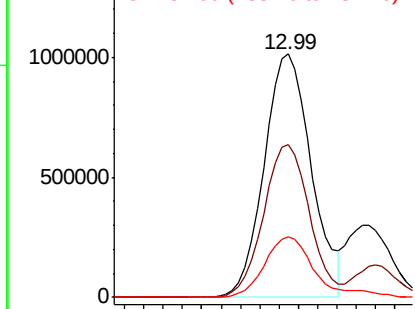
Tot Ion	Ratio	Lower	Upper
119	100		
91	61.3	32.1	96.5
134	26.4	13.3	39.9

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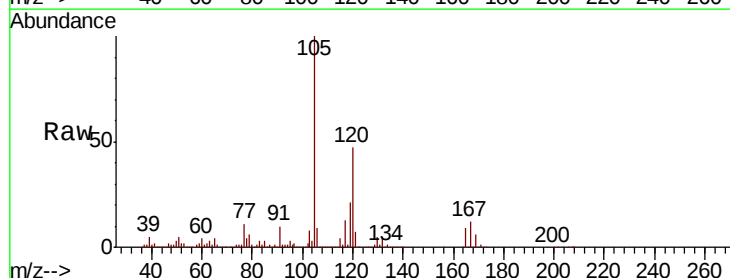


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

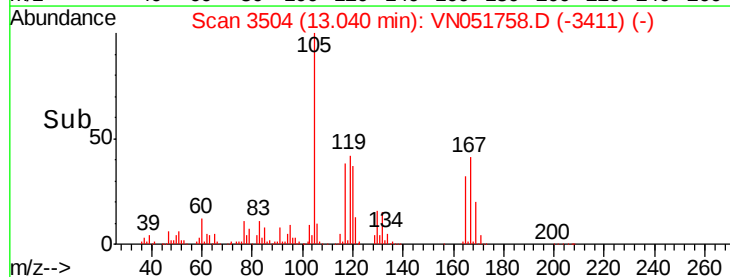
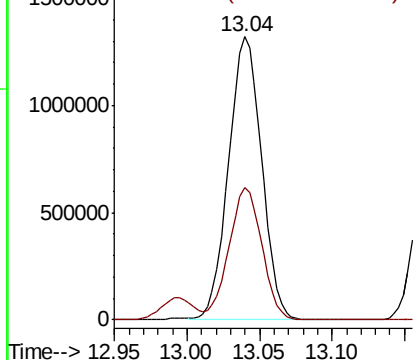


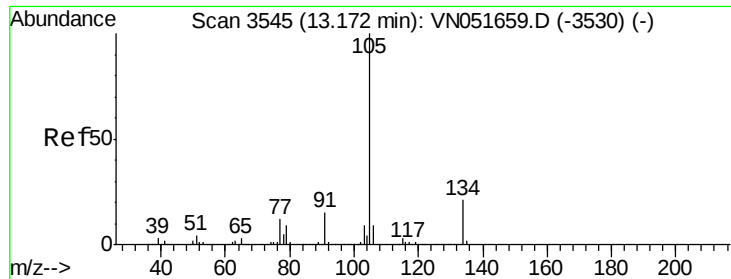
#84
1,2,4-Trimethylbenzene
Concen: 51.423 ug/l
RT: 13.04 min Scan# 3504
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.6	22.9	68.7



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





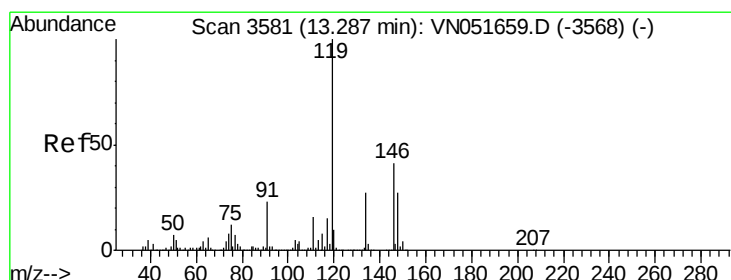
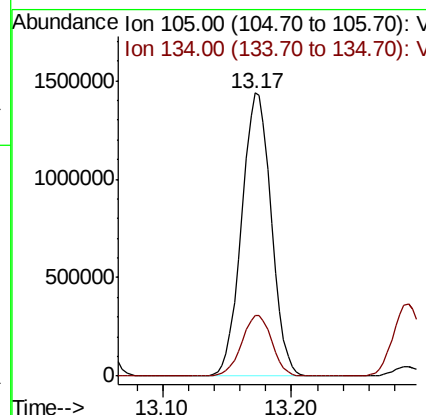
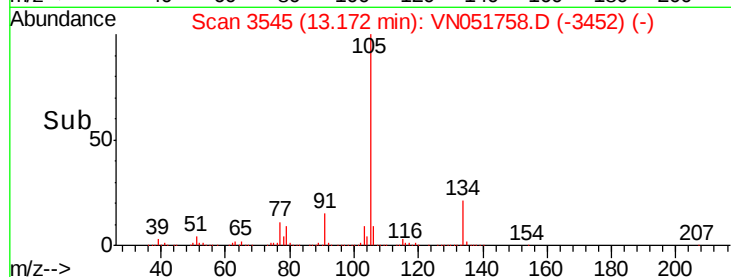
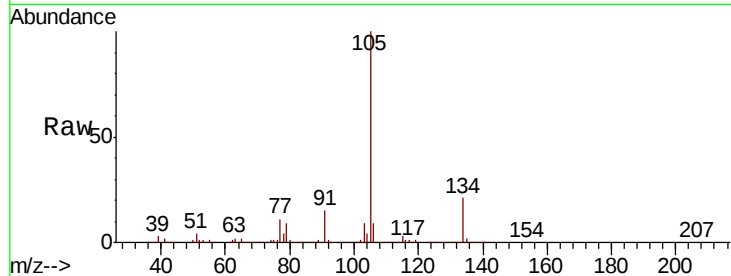
#85
 sec-Butylbenzene
 Concen: 47.706 ug/l
 RT: 13.17 min Scan# 3545
 Delta R.T. -0.00 min
 Lab File: VN051758.D
 Acq: 9 Oct 2018 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H-092718(7-10)MSD

Tot Ion:105 Resp: 2291518
 Ion Ratio Lower Upper
 105 100
 134 21.8 10.5 31.6

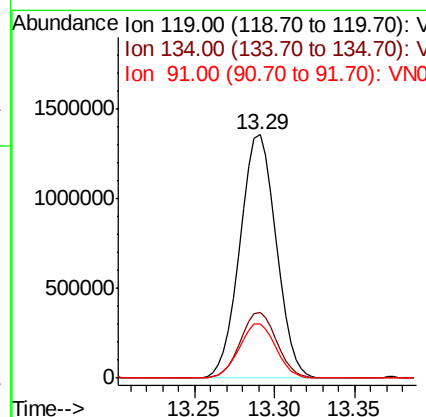
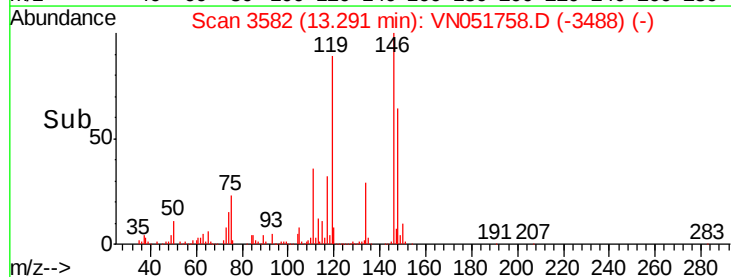
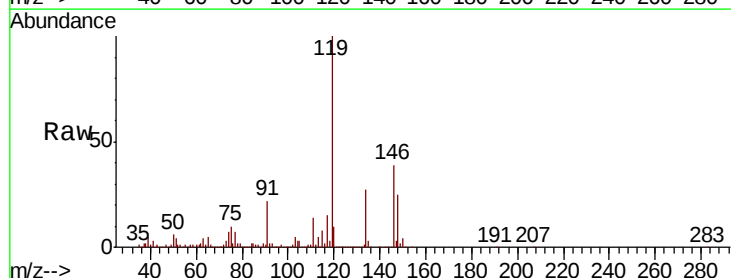
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#86
 p-Isopropyltoluene
 Concen: 48.966 ug/l
 RT: 13.29 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN051758.D
 Acq: 9 Oct 2018 19:22

Tgt Ion:119 Resp: 2085099
 Ion Ratio Lower Upper
 119 100
 134 27.1 13.4 40.2
 91 22.4 11.7 35.1





#87

1,3-Dichlorobenzene

Concen: 50.587 ug/l

RT: 13.28 min Scan# 3580

Delta R.T. -0.00 min

Lab File: VN051758.D

Acq: 9 Oct 2018 19:22

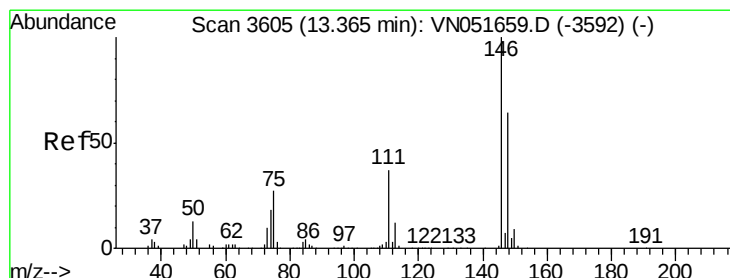
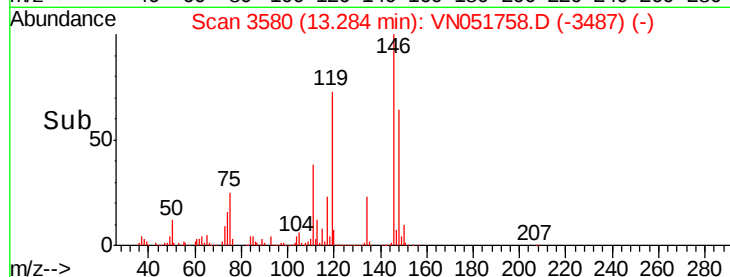
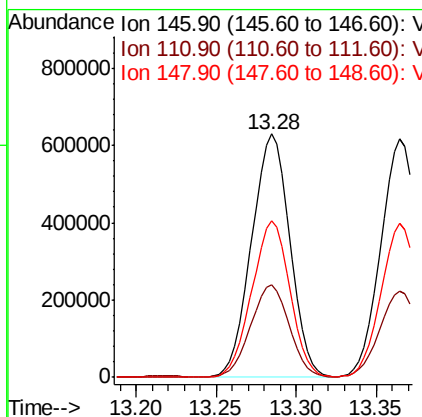
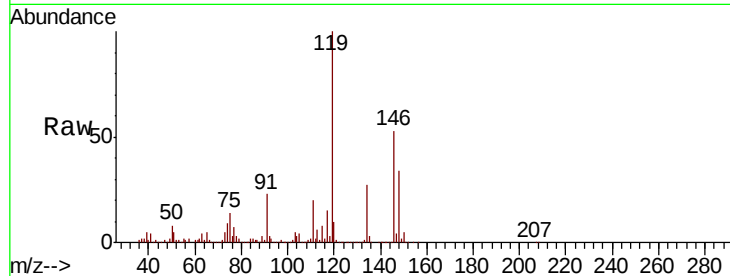
Instrument :
MSVOA_N

ClientSampleId :
EP1-MW-H-092718(7-10)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.6	19.3	57.9
148	63.9	32.5	97.5

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#88

1,4-Dichlorobenzene

Concen: 50.268 ug/l

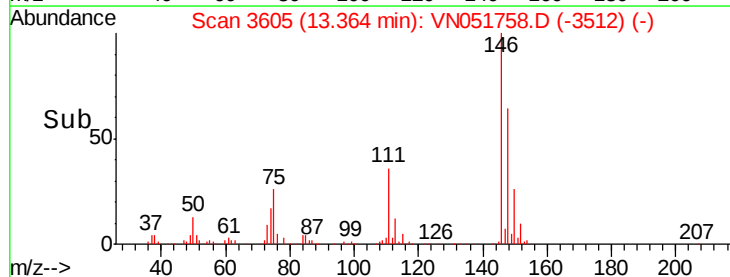
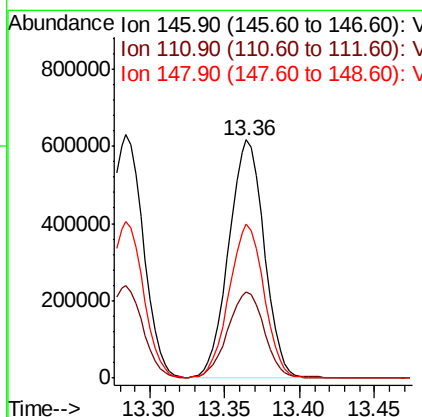
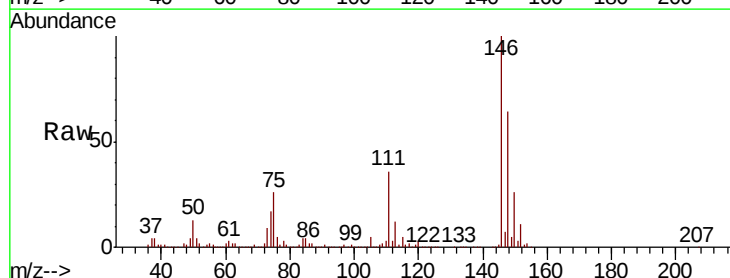
RT: 13.36 min Scan# 3605

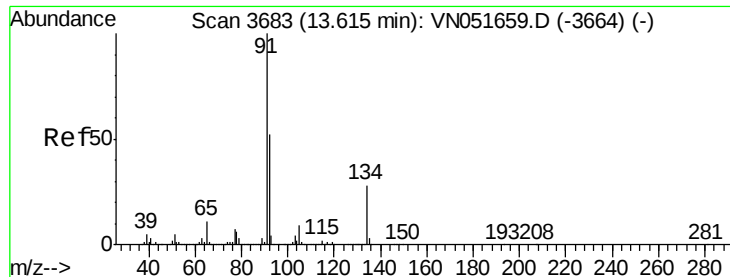
Delta R.T. -0.00 min

Lab File: VN051758.D

Acq: 9 Oct 2018 19:22

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.6	55.8
148	64.1	32.3	96.8





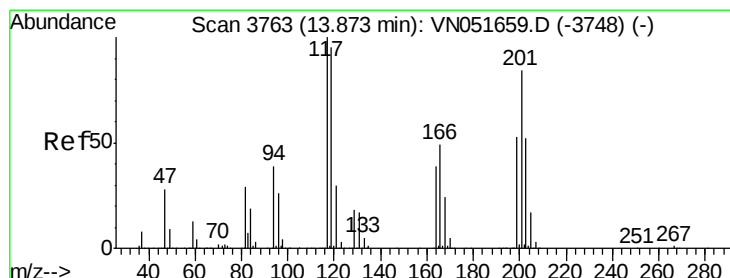
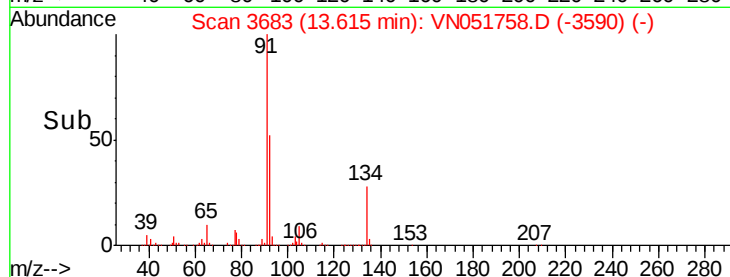
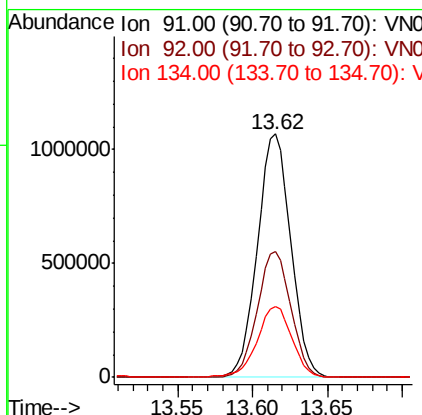
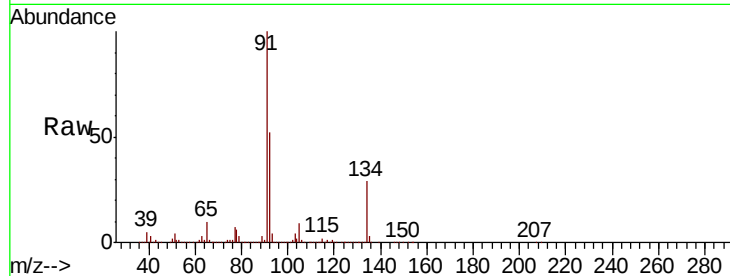
#89
n-Butylbenzene
Concen: 49.190 ug/l
RT: 13.62 min Scan# 3683
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

Tot Ion	Ratio	Lower	Upper
91	100		
92	51.7	26.0	78.0
134	30.2	14.2	42.6

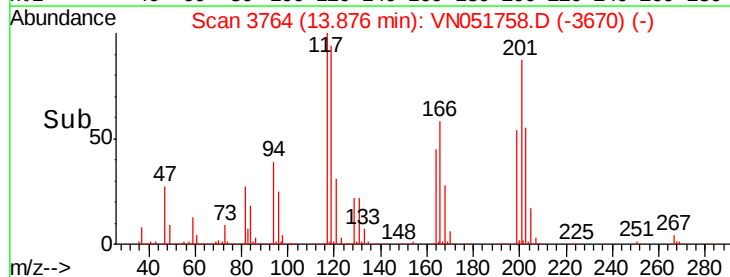
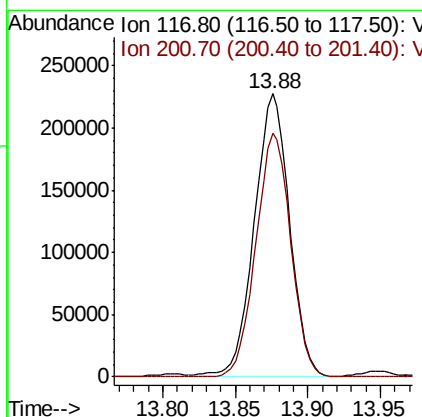
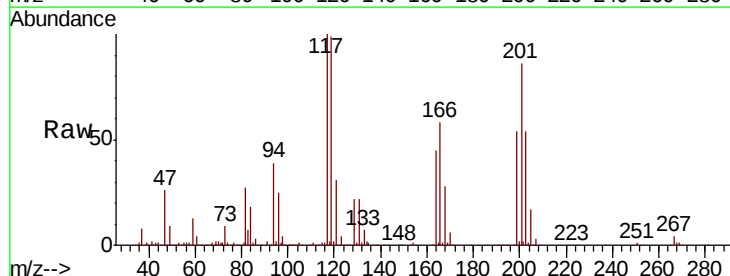
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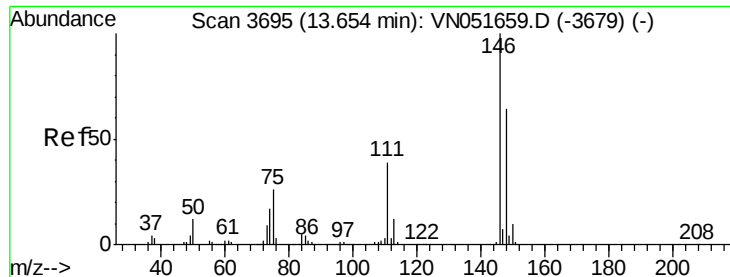
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#90
Hexachloroethane
Concen: 45.291 ug/l
RT: 13.88 min Scan# 3764
Delta R.T. 0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Tgt Ion	Ratio	Lower	Upper
117	100		
201	85.0	42.4	127.3





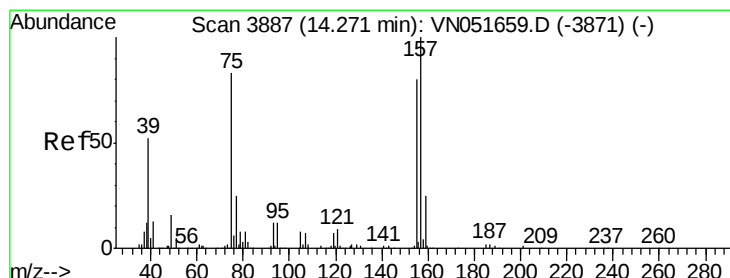
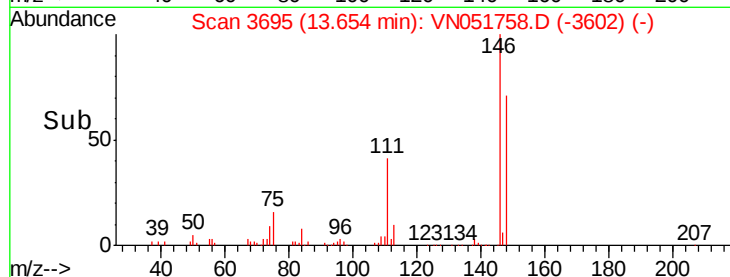
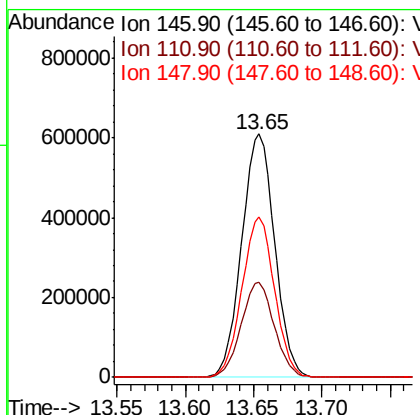
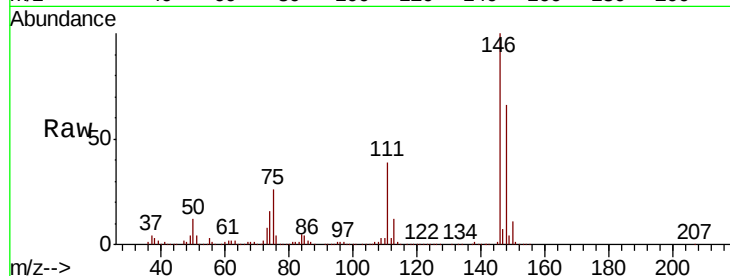
#91
 1,2-Dichlorobenzene
 Concen: 50.151 ug/l
 RT: 13.65 min Scan# 3695
 Delta R.T. -0.00 min
 Lab File: VN051758.D
 Acq: 9 Oct 2018 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H-092718(7-10)MSD

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.2	19.7	59.0
148	65.0	32.1	96.3

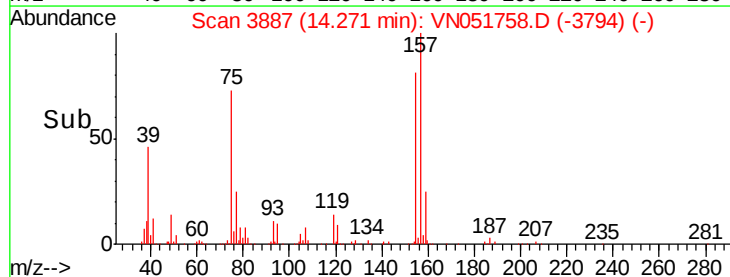
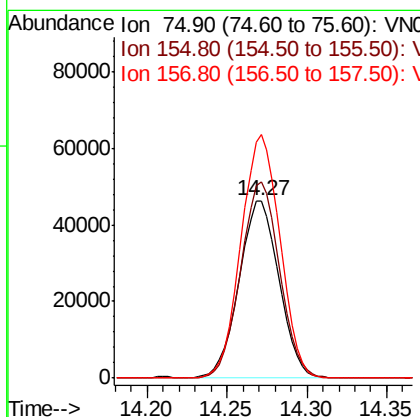
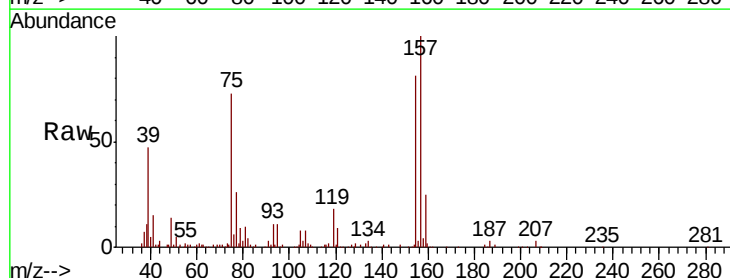
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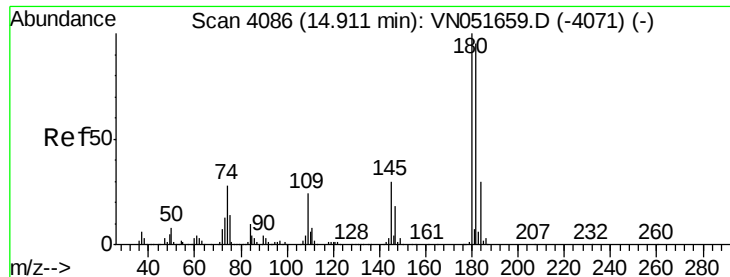
MMDadoda
 10/10/2018 10:50:22 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.733 ug/l
 RT: 14.27 min Scan# 3887
 Delta R.T. -0.00 min
 Lab File: VN051758.D
 Acq: 9 Oct 2018 19:22

Tgt Ion	Ratio	Lower	Upper
75	100		
155	108.0	47.6	142.9
157	134.0	61.7	185.1





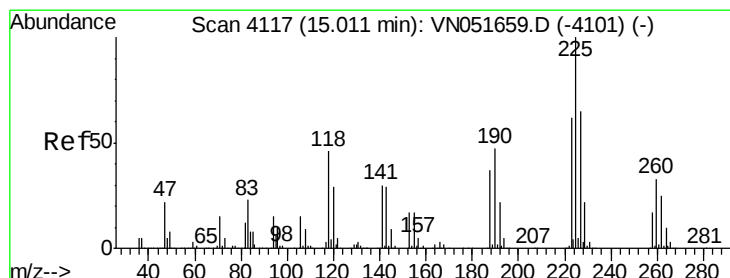
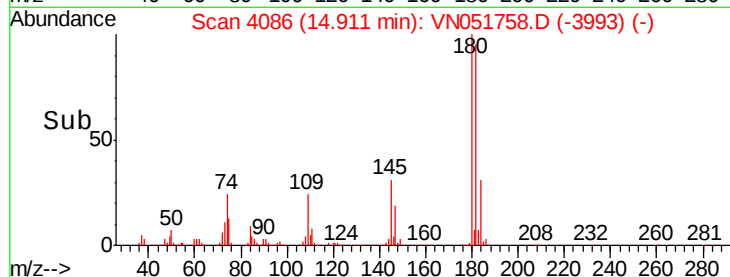
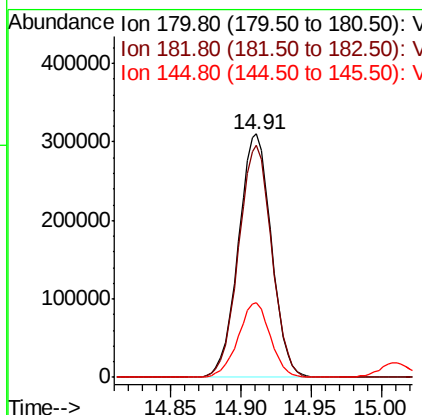
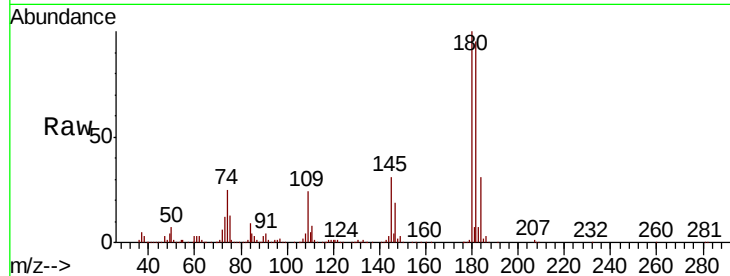
#93
 1,2,4-Trichlorobenzene
 Concen: 56.027 ug/l
 RT: 14.91 min Scan# 4086
 Delta R.T. -0.00 min
 Lab File: VN051758.D
 Acq: 9 Oct 2018 19:22

Instrument :
 MSVOA_N
 ClientSampleId :
 EP1-MW-H-092718(7-10)MSD

Tot Ion:	180	Resp:	507791
Ion Ratio	Lower	Upper	
180	100		
182	95.6	47.7	143.1
145	30.0	15.3	45.9

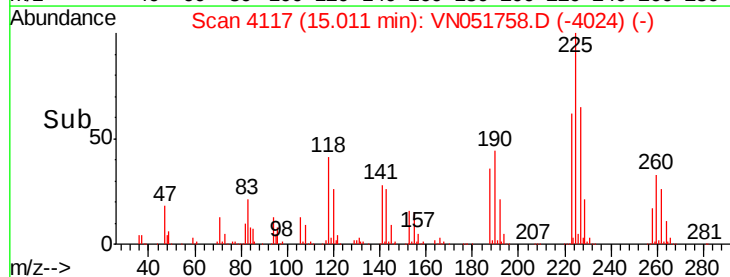
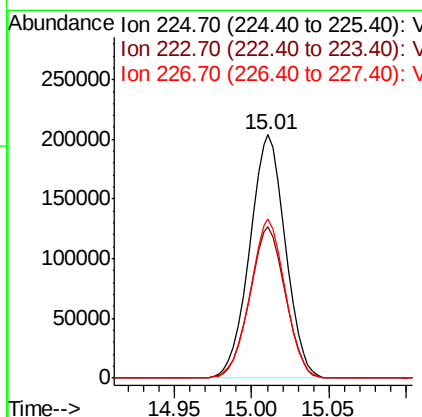
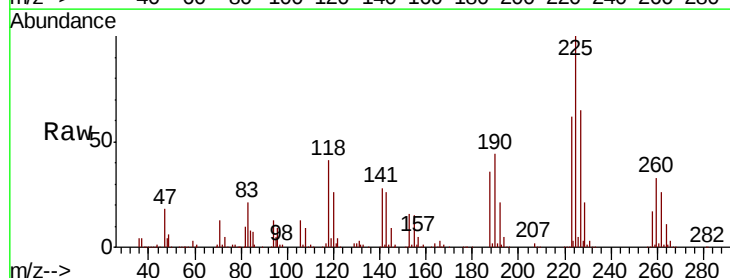
Manual Integrations
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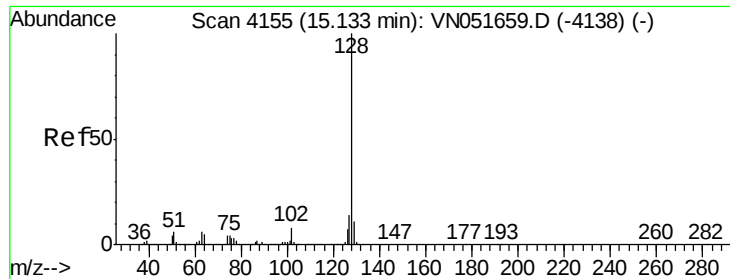
MMDadoda
 10/10/2018 10:50:22 AM



#94
 Hexachlorobutadiene
 Concen: 53.209 ug/l
 RT: 15.01 min Scan# 4117
 Delta R.T. -0.00 min
 Lab File: VN051758.D
 Acq: 9 Oct 2018 19:22

Tgt Ion:	225	Resp:	327199
Ion Ratio	Lower	Upper	
225	100		
223	62.2	31.9	95.5
227	64.1	31.7	95.1





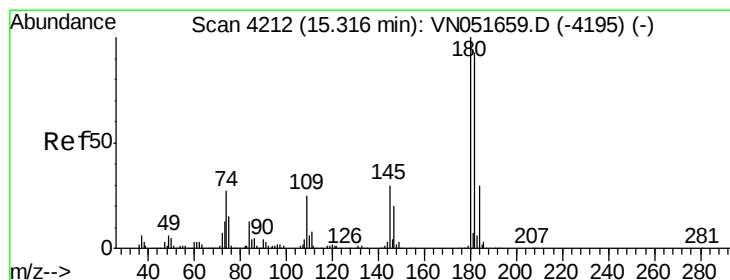
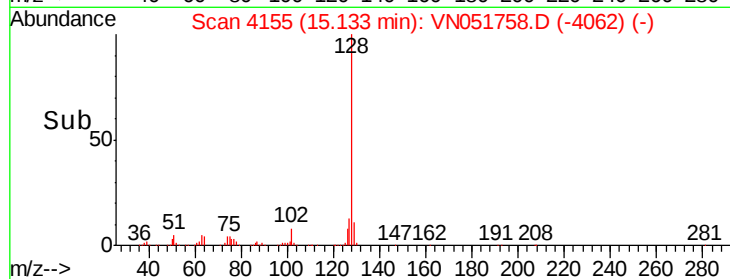
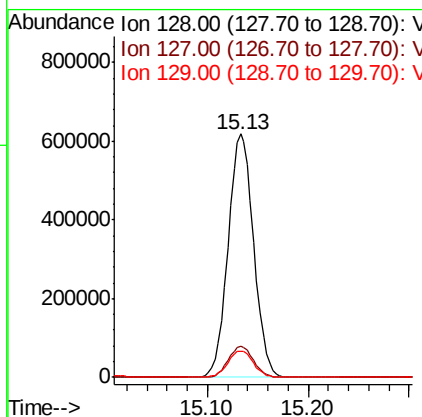
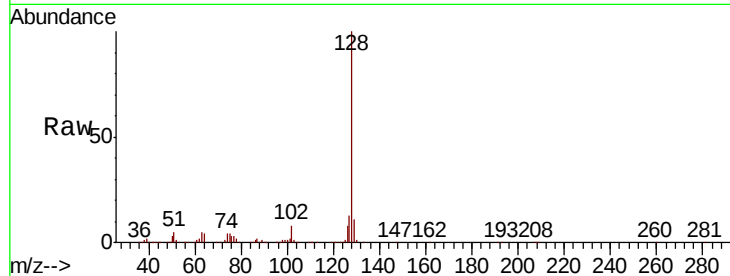
#95
Naphthalene
Concen: 55.500 ug/l
RT: 15.13 min Scan# 4155
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Instrument :
MSVOA_N
ClientSampleId :
EP1-MW-H-092718(7-10)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
127	12.7	10.6	15.8
129	10.8	9.0	13.6

Manual Integrations
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#96
1,2,3-Trichlorobenzene
Concen: 55.568 ug/l
RT: 15.31 min Scan# 4211
Delta R.T. -0.00 min
Lab File: VN051758.D
Acq: 9 Oct 2018 19:22

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.0	47.3	141.8
145	31.7	15.6	46.8

