

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN080619\
 Data File : VN057094.D
 Acq On : 6 Aug 2019 11:38
 Operator : JC/SP
 Sample : VN0806WBSD01
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

Manual Integrations
 APPROVED

MMdadoda
 8/9/2019 12:51:34 AM

Quant Time: Aug 07 03:46:25 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N072719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 27 01:33:29 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.65	168	408384	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	604740	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	526285	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	214288	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.01	65	210411	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	
35) Dibromofluoromethane	7.58	113	191917	49.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.14%	
50) Toluene-d8	10.08	98	703372	47.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.28%	
62) 4-Bromofluorobenzene	12.40	95	228597	47.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.84	85	81149	19.656	ug/l	100
3) Chloromethane	2.05	50	86049	17.406	ug/l	99
4) Vinyl Chloride	2.18	62	81614	17.606	ug/l	99
5) Bromomethane	2.50	94	42775	14.843	ug/l	99
6) Chloroethane	2.62	64	42056	16.458	ug/l	96
7) Trichlorofluoromethane	2.95	101	119479	19.690	ug/l	99
8) Diethyl Ether	3.39	74	46459	20.458	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	3.72	101	73894	19.642	ug/l	98
10) Methyl Iodide	3.92	142	76105	15.139	ug/l	98
11) Tert butyl alcohol	4.82	59	52248	92.465	ug/l #	84
12) 1,1-Dichloroethene	3.70	96	67971	18.935	ug/l	97
13) Acrolein	3.59	56	15427	51.228	ug/l	96
14) Allyl chloride	4.29	41	107202	18.359	ug/l	97
15) Acrylonitrile	4.97	53	159022	95.967	ug/l	100
16) Acetone	3.82	43	131358	86.736	ug/l	98
17) Carbon Disulfide	4.01	76	139674	14.643	ug/l	98
18) Methyl Acetate	4.31	43	105728	21.884	ug/l	99
19) Methyl tert-butyl Ether	5.03	73	222073	20.748	ug/l	98
20) Methylene Chloride	4.53	84	84550	19.381	ug/l	96
21) trans-1,2-Dichloroethene	5.01	96	71503	18.756	ug/l	97
22) Diisopropyl ether	5.94	45	239636	19.918	ug/l	96
23) Vinyl Acetate	5.88	43	808246	96.961	ug/l	99
24) 1,1-Dichloroethane	5.82	63	140642	19.813	ug/l	99
25) 2-Butanone	6.83	43	193908	90.294	ug/l	96
26) 2,2-Dichloropropane	6.80	77	106661	19.762	ug/l	99
27) cis-1,2-Dichloroethene	6.81	96	88174	19.555	ug/l	99
28) Bromochloromethane	7.18	49	61978	18.576	ug/l	97
29) Tetrahydrofuran	7.20	42	129207	92.216	ug/l	98
30) Chloroform	7.36	83	143349	19.751	ug/l	100
31) Cyclohexane	7.64	56	123980	18.049	ug/l	97
32) 1,1,1-Trichloroethane	7.55	97	117304	20.257	ug/l	99
36) 1,1-Dichloropropene	7.78	75	99531	18.704	ug/l	100
37) Ethyl Acetate	6.92	43	83933	19.694	ug/l	97
38) Carbon Tetrachloride	7.76	117	101264	20.118	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.07	83	120039	17.650	ug/l	98
40) Benzene	8.03	78	319625	19.502	ug/l	100
41) Methacrylonitrile	7.16	41	26473m	13.437	ug/l	
42) 1,2-Dichloroethane	8.11	62	105094	20.459	ug/l	100
43) Isopropyl Acetate	8.16	43	143639	20.391	ug/l #	87
44) Trichloroethene	8.82	130	87193	19.310	ug/l	100
45) 1,2-Dichloropropane	9.11	63	86458	19.722	ug/l	100
46) Dibromomethane	9.20	93	52554	19.878	ug/l	96
47) Bromodichloromethane	9.39	83	102642	19.746	ug/l	99
48) Methyl methacrylate	9.19	41	67444	19.831	ug/l	99
49) 1,4-Dioxane	9.20	88	29205	416.706	ug/l	95
51) 4-Methyl-2-Pentanone	9.98	43	397680	95.016	ug/l	100
52) Toluene	10.15	92	195110	19.814	ug/l	97
53) t-1,3-Dichloropropene	10.37	75	103739	19.232	ug/l	98
54) cis-1,3-Dichloropropene	9.83	75	122620	19.551	ug/l	98
55) 1,1,2-Trichloroethane	10.56	97	79898	20.232	ug/l	99
56) Ethyl methacrylate	10.43	69	105332	18.801	ug/l	98
57) 1,3-Dichloropropane	10.70	76	130019	19.855	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.69	63	179755	75.960	ug/l	100
59) 2-Hexanone	10.75	43	285526	90.200	ug/l	100
60) Dibromochloromethane	10.90	129	81103	20.046	ug/l	99
61) 1,2-Dibromoethane	11.00	107	78868	20.465	ug/l	98
64) Tetrachloroethene	10.63	164	86697	19.116	ug/l	99
65) Chlorobenzene	11.43	112	211490	19.717	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.50	131	82354	20.399	ug/l	98
67) Ethyl Benzene	11.50	91	356099	19.209	ug/l	100
68) m/p-Xylenes	11.62	106	269410	39.377	ug/l	100
69) o-Xylene	11.94	106	135377	20.225	ug/l	98
70) Styrene	11.96	104	215828	19.428	ug/l	99
71) Bromoform	12.12	173	57526	20.409	ug/l #	99
73) Isopropylbenzene	12.25	105	354117	19.121	ug/l	100
74) N-amyl acetate	12.07	43	109806	20.420	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.50	83	109149	21.881	ug/l	99
76) 1,2,3-Trichloropropane	12.55	75	86705m	19.924	ug/l	
77) Bromobenzene	12.52	156	96994	20.067	ug/l	100
78) n-propylbenzene	12.59	91	360446	18.228	ug/l	100
79) 2-Chlorotoluene	12.67	91	235983	19.381	ug/l	98
80) 1,3,5-Trimethylbenzene	12.73	105	301488	19.835	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	26721	19.728	ug/l	93
82) 4-Chlorotoluene	12.77	91	216828	19.029	ug/l	99
83) tert-Butylbenzene	12.99	119	271102	20.148	ug/l	99
84) 1,2,4-Trimethylbenzene	13.04	105	285154	19.497	ug/l	99
85) sec-Butylbenzene	13.17	105	326385	18.805	ug/l	99
86) p-Isopropyltoluene	13.29	119	288694	18.735	ug/l	99
87) 1,3-Dichlorobenzene	13.28	146	141717	19.275	ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	135540	19.150	ug/l	99
89) n-Butylbenzene	13.61	91	204251	17.199	ug/l	99
90) Hexachloroethane	13.87	117	51432	19.384	ug/l	97
91) 1,2-Dichlorobenzene	13.65	146	149860	20.710	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	15556	21.119	ug/l	93

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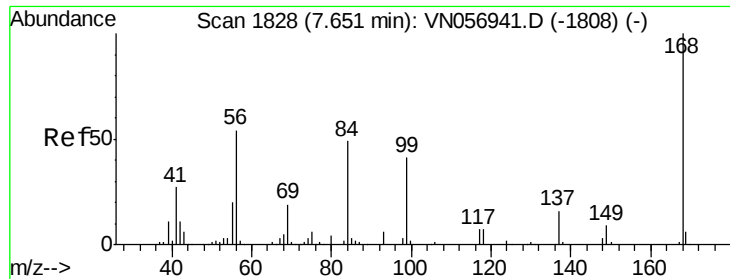
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	52235	15.946	ug/l	98
94) Hexachlorobutadiene	15.00	225	56624	20.439	ug/l	98
95) Naphthalene	15.12	128	118409	15.660	ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	59566	17.193	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.65 min Scan# 1828

Delta R.T. -0.00 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD01

Tot Ion:168 Resp: 408384

Ion Ratio Lower Upper

168 100

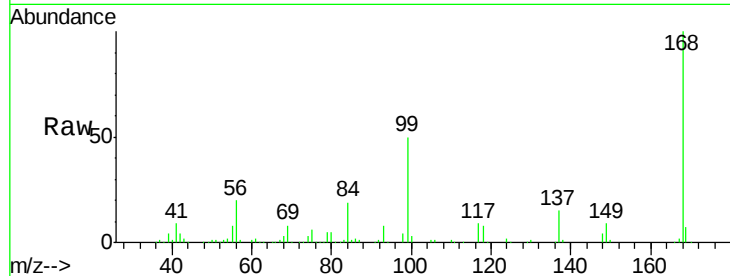
99 49.5 39.0 58.4

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VN

7.65

150000

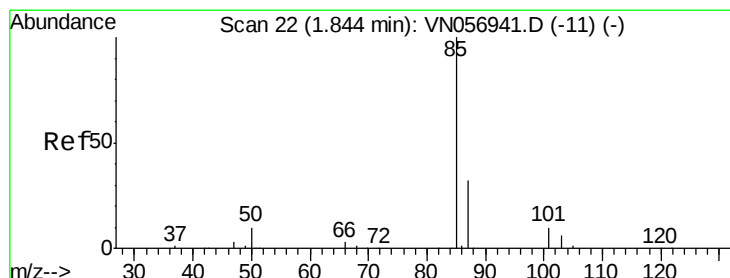
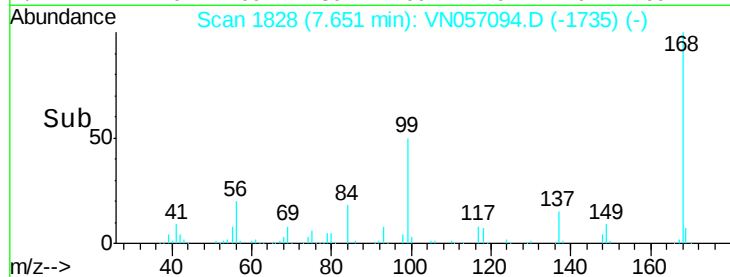
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50000

0

7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 19.656 ug/l

RT: 1.84 min Scan# 22

Delta R.T. -0.00 min

Lab File: VN057094.D

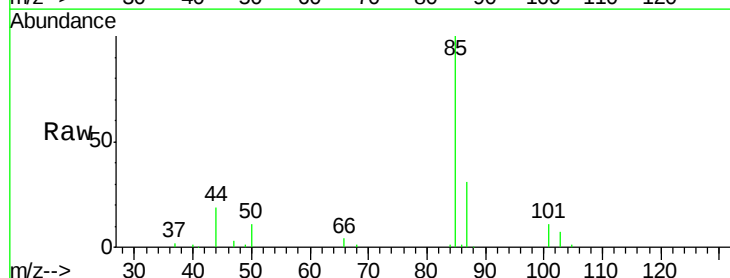
Acq: 6 Aug 2019 11:38

Tgt Ion: 85 Resp: 81149

Ion Ratio Lower Upper

85 100

87 31.4 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VN

Ion 86.90 (86.60 to 87.60): VN

1.84

60000

50000

40000

30000

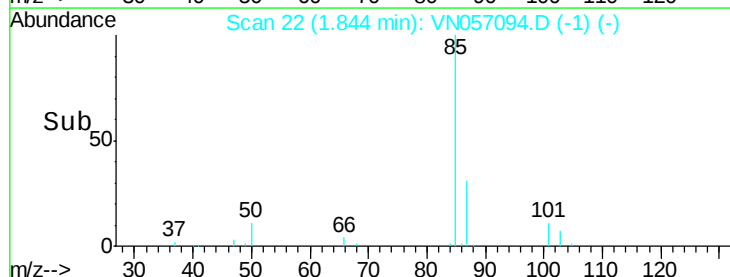
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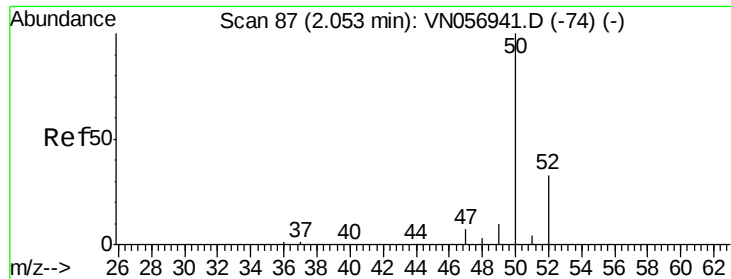
10000

0

1.80 1.85 1.90 1.95

Time-->





#3

Chloromethane

Concen: 17.406 ug/l

RT: 2.05 min Scan# 85

Delta R.T. -0.01 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD01

Tot Ion: 50 Resp: 86049

Ion Ratio Lower Upper

50 100

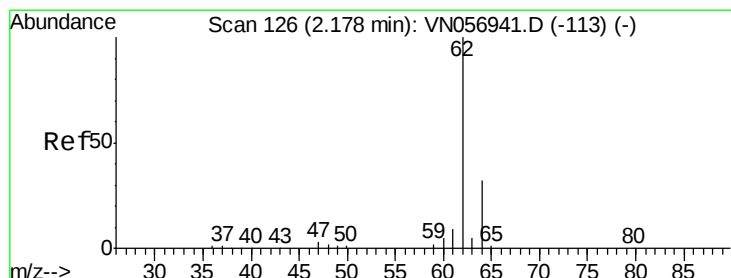
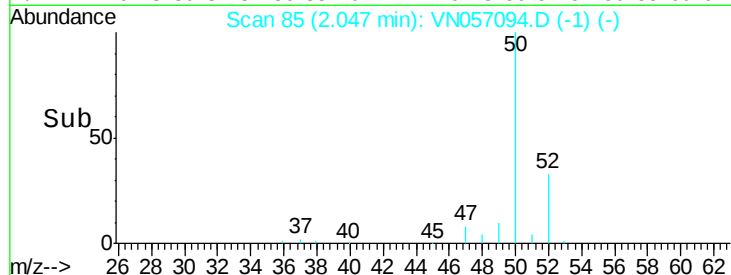
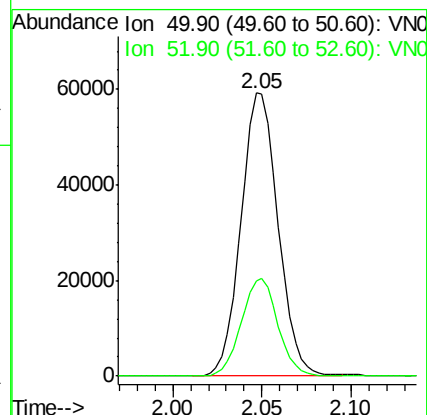
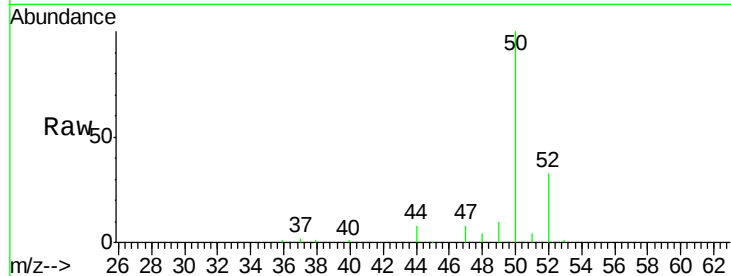
52 33.5 26.2 39.2

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#4

Vinyl Chloride

Concen: 17.606 ug/l

RT: 2.18 min Scan# 126

Delta R.T. -0.00 min

Lab File: VN057094.D

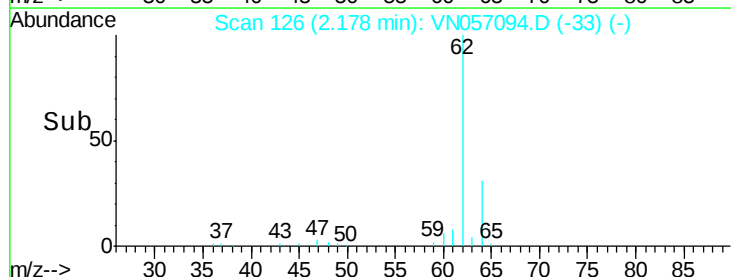
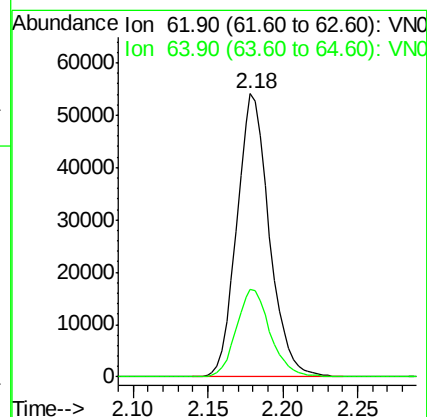
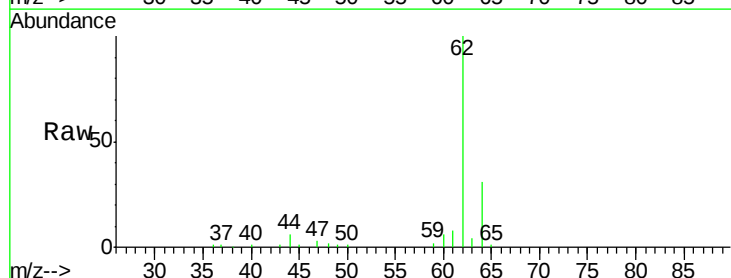
Acq: 6 Aug 2019 11:38

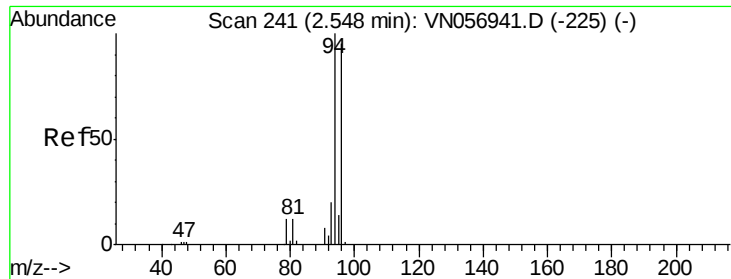
Tgt Ion: 62 Resp: 81614

Ion Ratio Lower Upper

62 100

64 31.1 25.4 38.0





#5

Bromomethane

Concen: 14.843 ug/l

RT: 2.50 min Scan# 227

Delta R.T. -0.05 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD01

Tot Ion: 94 Resp: 42775

Ion Ratio Lower Upper

94 100

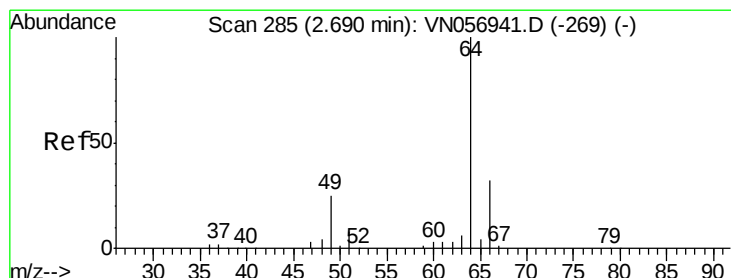
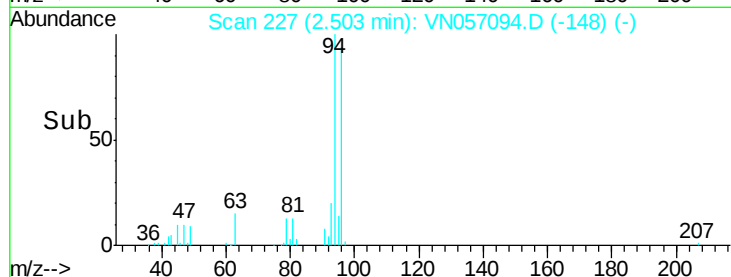
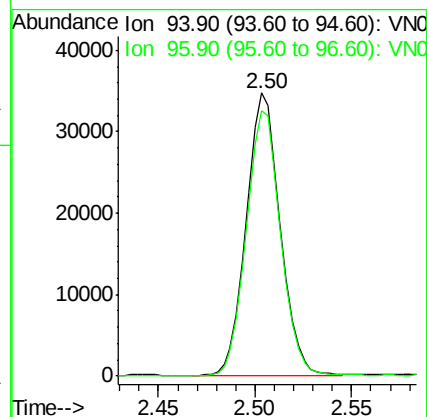
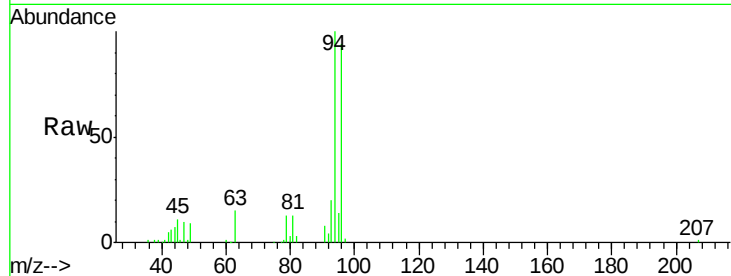
96 93.8 76.2 114.2

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#6

Chloroethane

Concen: 16.458 ug/l

RT: 2.62 min Scan# 262

Delta R.T. -0.07 min

Lab File: VN057094.D

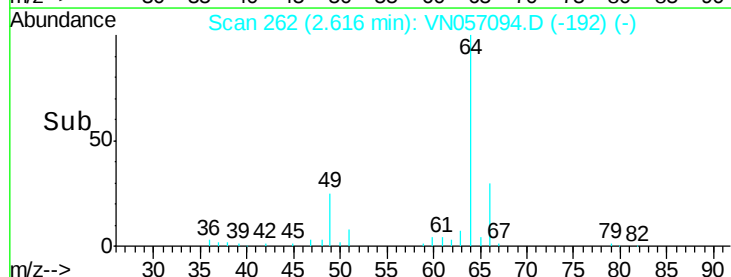
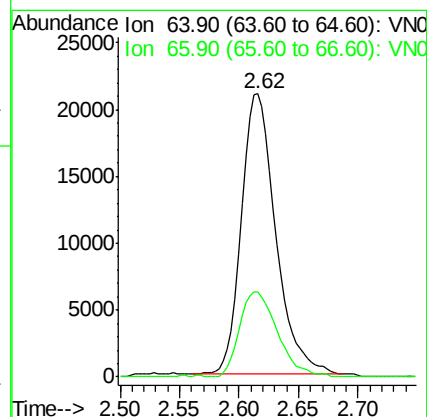
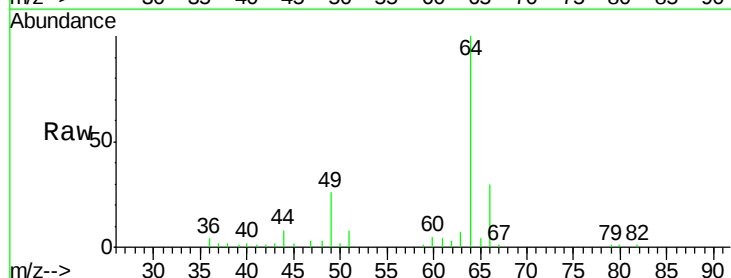
Acq: 6 Aug 2019 11:38

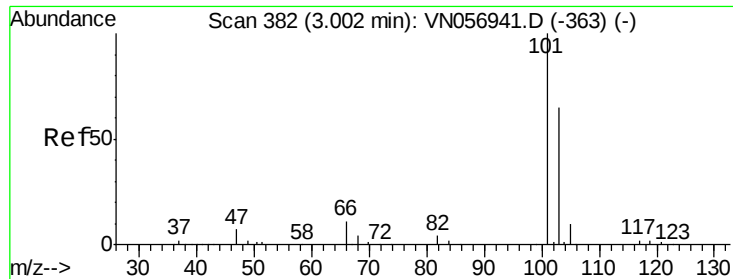
Tgt Ion: 64 Resp: 42056

Ion Ratio Lower Upper

64 100

66 30.2 25.8 38.8





#7

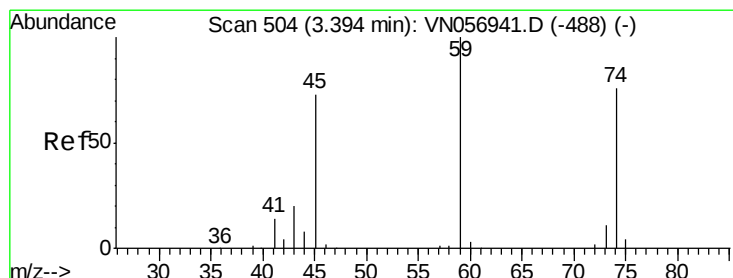
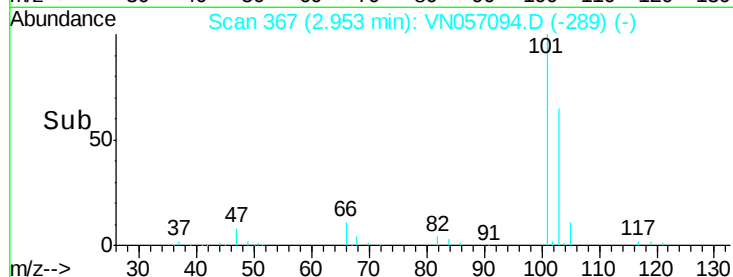
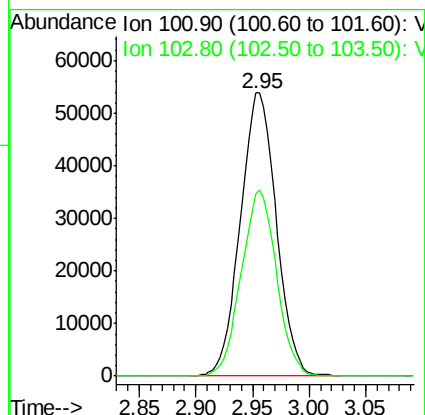
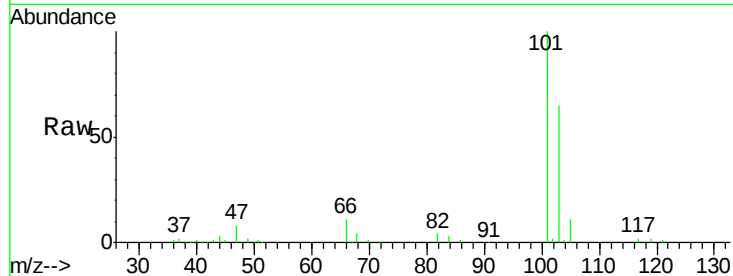
Trichlorofluoromethane
 Concen: 19.690 ug/l
 RT: 2.95 min Scan# 367
 Delta R.T. -0.05 min
 Lab File: VN057094.D
 Acq: 6 Aug 2019 11:38

Instrument :
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 ClientSampleId :
 VN0806WBSD01

Tot Ion:101 Resp: 119479
 Ion Ratio Lower Upper
 101 100
 103 64.5 52.1 78.1

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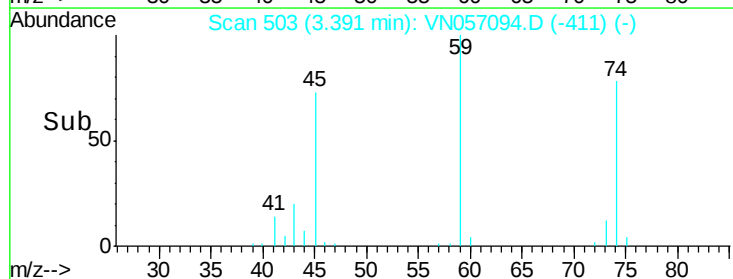
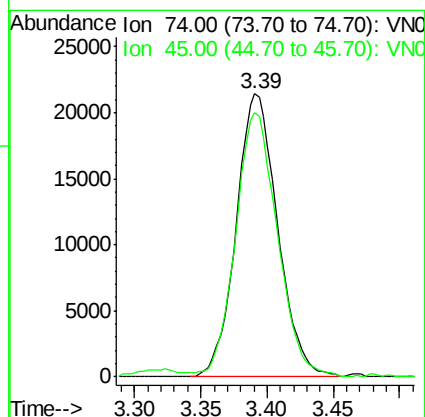
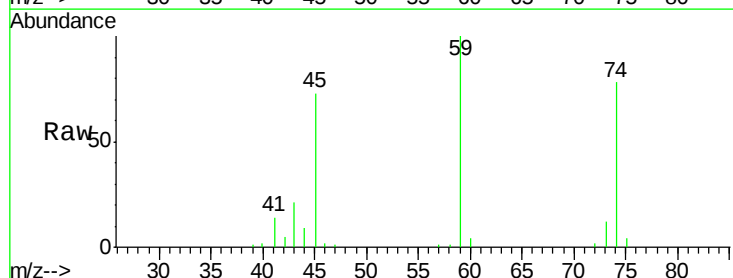
MMdadoda
 8/9/2019 12:51:34 AM

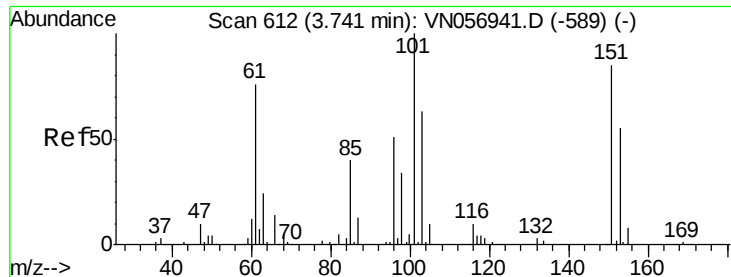


#8

Diethyl Ether
 Concen: 20.458 ug/l
 RT: 3.39 min Scan# 503
 Delta R.T. -0.00 min
 Lab File: VN057094.D
 Acq: 6 Aug 2019 11:38

Tgt Ion: 74 Resp: 46459
 Ion Ratio Lower Upper
 74 100
 45 94.7 48.1 144.3





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.642 ug/l

RT: 3.72 min Scan# 605

Delta R.T. -0.02 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Instrument :

MSVOA_N

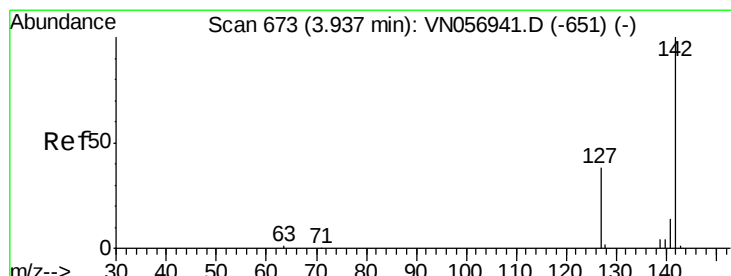
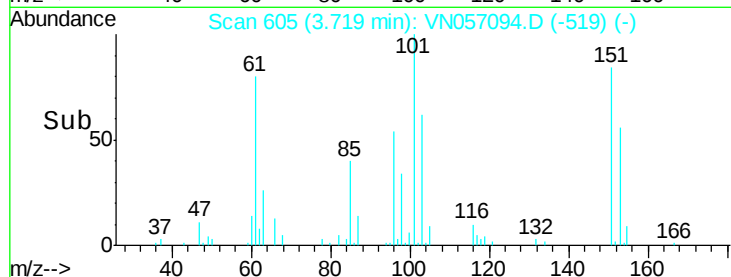
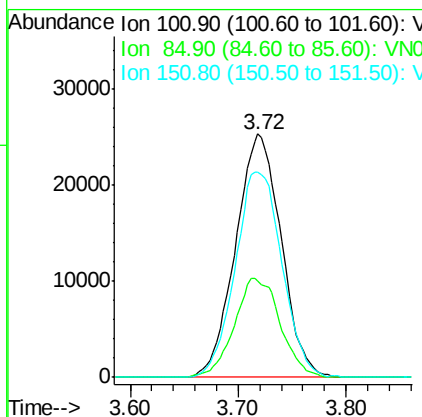
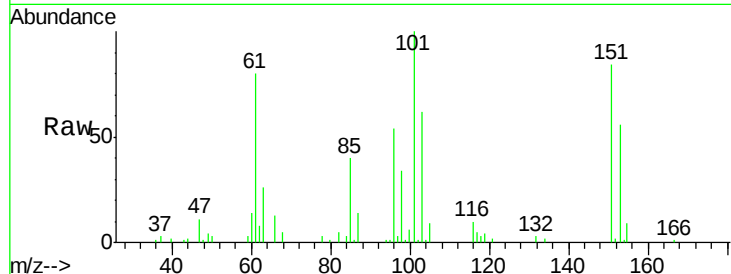
ClientSampleId :

VN0806WBSD01

Tot Ion:	101	Resp:	73894
Ion Ratio	Lower	Upper	
101	100		
85	41.1	32.3	48.5
151	87.0	68.0	102.0

Manual Integrations
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#10

Methyl Iodide

Concen: 15.139 ug/l

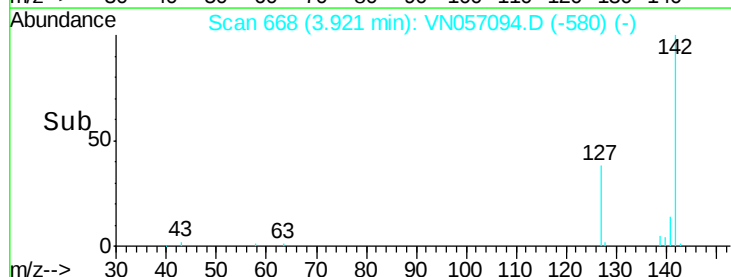
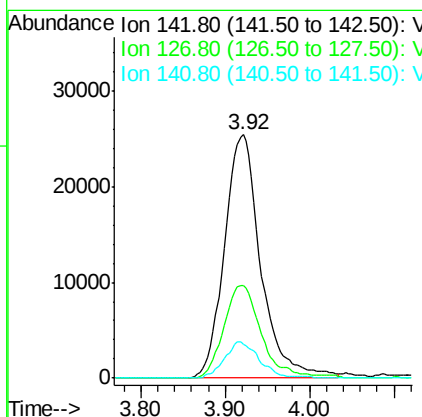
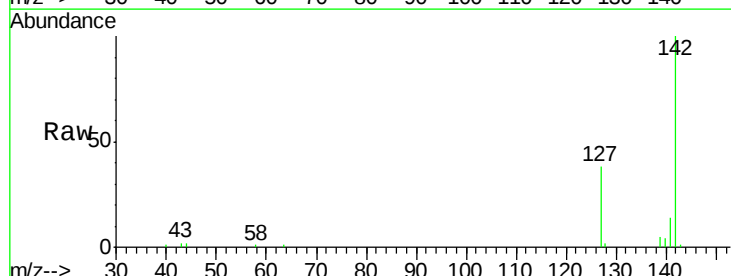
RT: 3.92 min Scan# 668

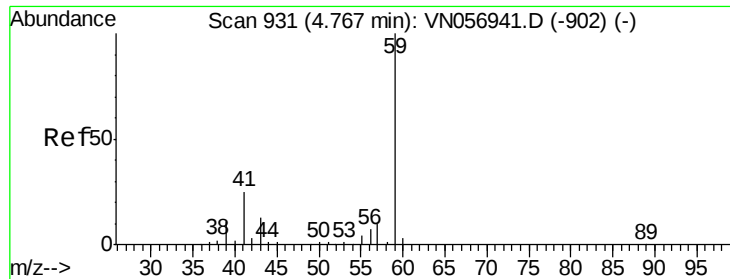
Delta R.T. -0.02 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Tgt Ion:	142	Resp:	76105
Ion Ratio	Lower	Upper	
142	100		
127	39.6	30.4	45.6
141	14.1	11.1	16.7





#11

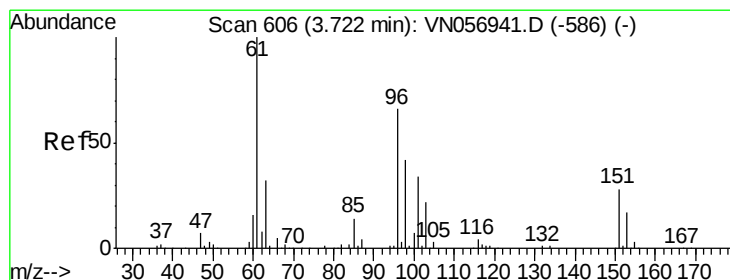
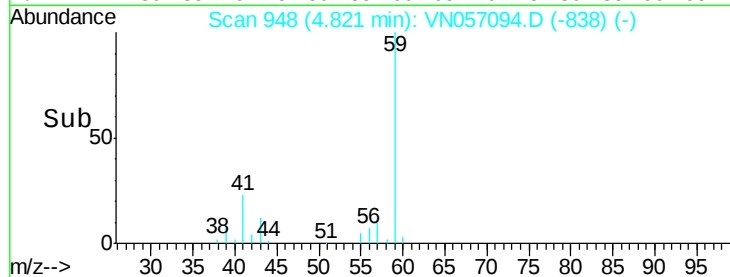
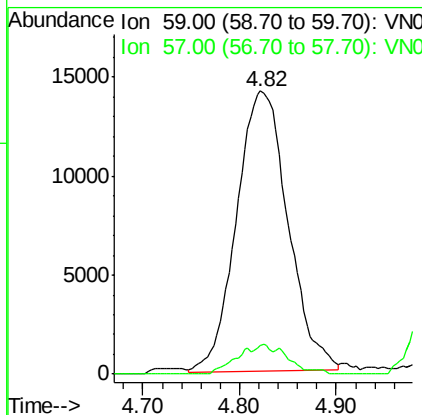
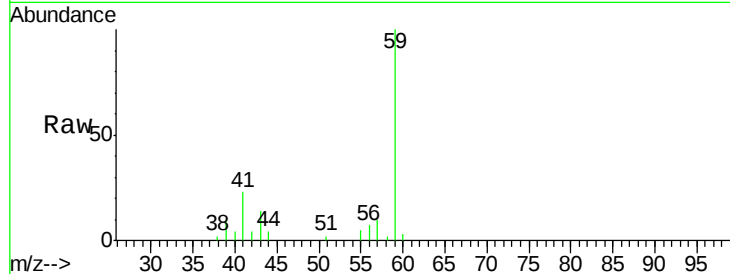
Tert butyl alcohol
 Concen: 92.465 ug/l
 RT: 4.82 min Scan# 948
 Delta R.T. 0.05 min
 Lab File: VN057094.D
 Acq: 6 Aug 2019 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
59	100		
57	3.5	7.5	11.3#

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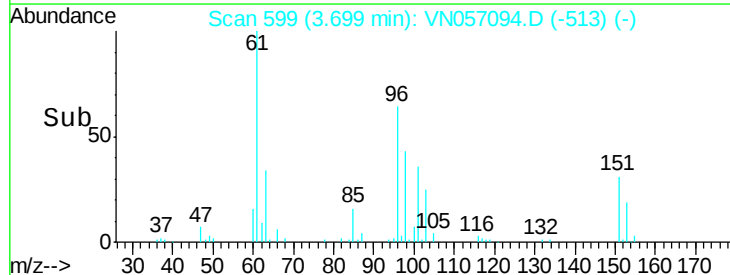
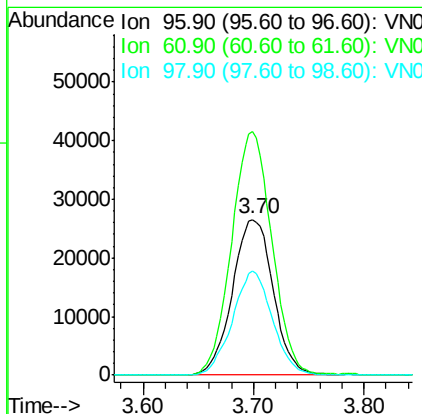
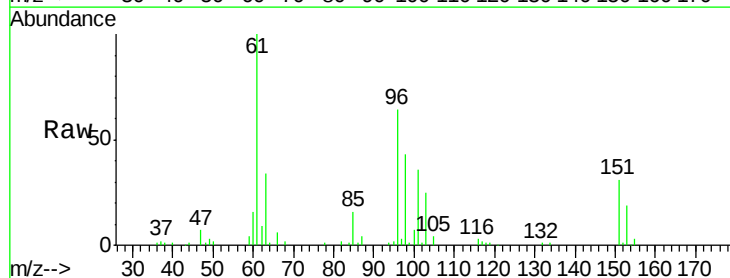
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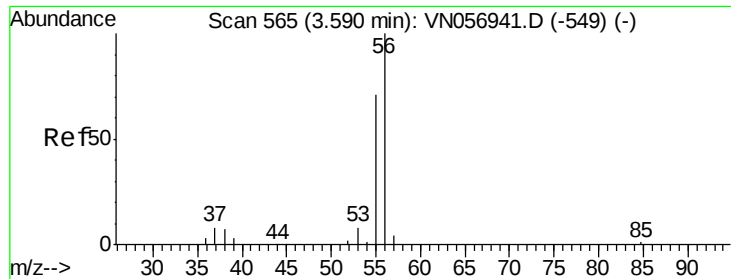


#12

1,1-Dichloroethene
 Concen: 18.935 ug/l
 RT: 3.70 min Scan# 599
 Delta R.T. -0.02 min
 Lab File: VN057094.D
 Acq: 6 Aug 2019 11:38

Tgt Ion	Ratio	Lower	Upper
96	100		
61	156.6	121.8	182.8
98	67.0	51.7	77.5





#13

Acrolein

Concen: 51.228 ug/l

RT: 3.59 min Scan# 566

Delta R.T. 0.00 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD01

Tot Ion: 56 Resp: 15427

Ion Ratio Lower Upper

56 100

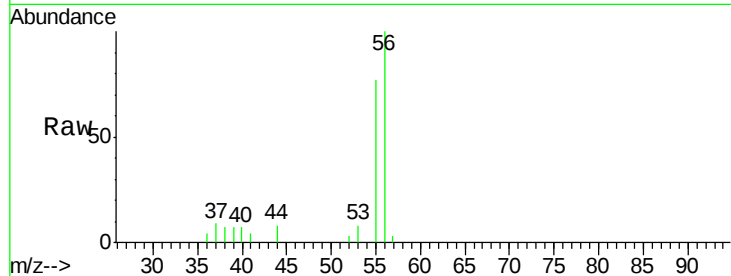
55 73.2 55.8 83.6

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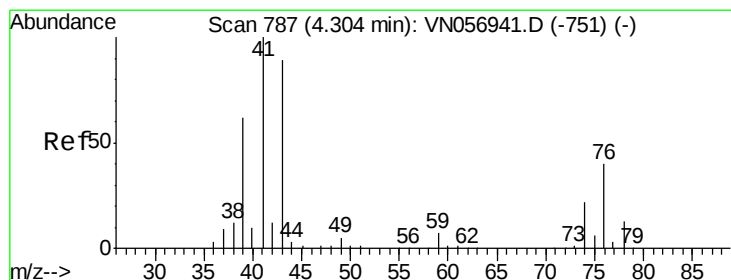
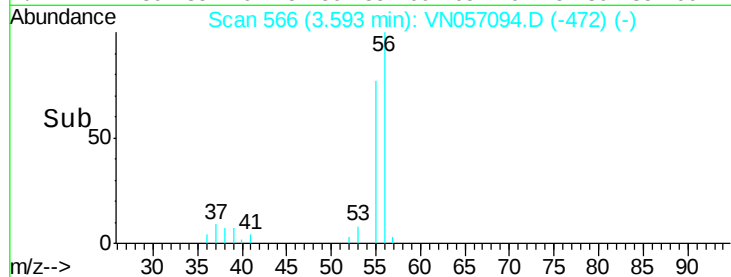
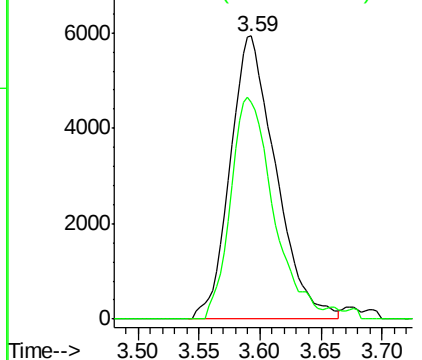
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Abundance Ion 56.00 (55.70 to 56.70): VNO

Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 18.359 ug/l

RT: 4.29 min Scan# 784

Delta R.T. -0.01 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

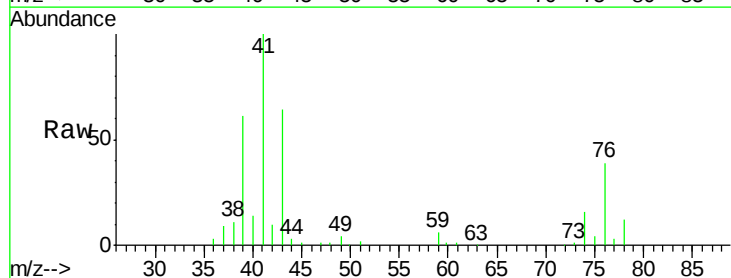
Tgt Ion: 41 Resp: 107202

Ion Ratio Lower Upper

41 100

39 60.4 46.4 69.6

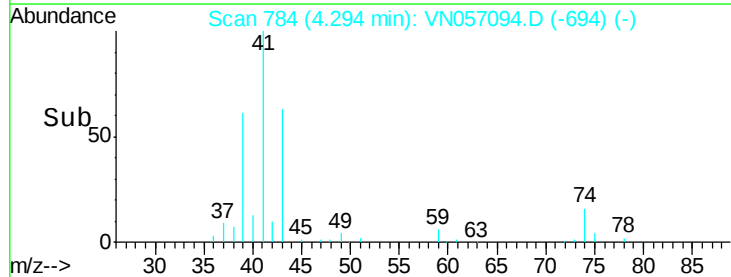
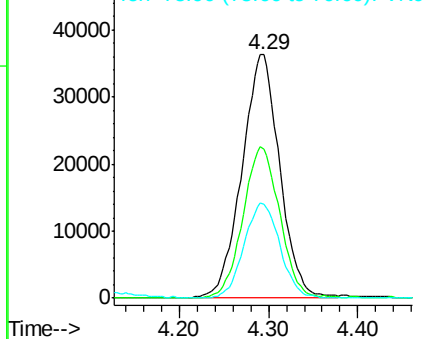
76 36.9 28.4 42.6

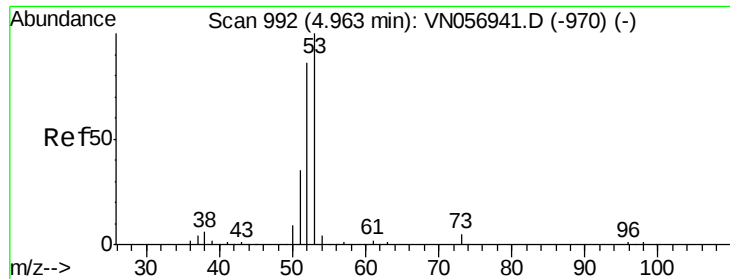


Abundance Ion 41.00 (40.70 to 41.70): VNO

Ion 39.00 (38.70 to 39.70): VNO

Ion 75.90 (75.60 to 76.60): VNO





#15

Acrylonitrile

Concen: 95.967 ug/l

RT: 4.97 min Scan# 995

Delta R.T. 0.01 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Instrument :

MSVOA_N

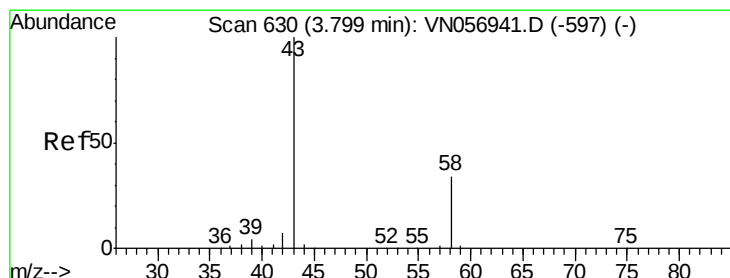
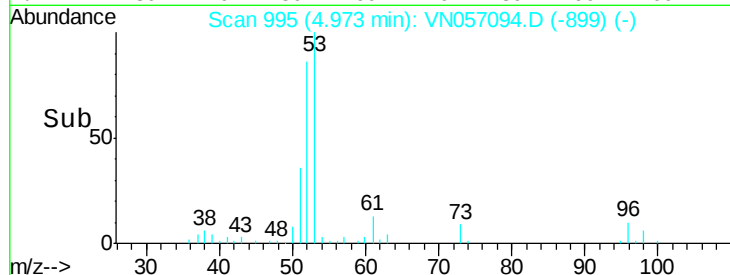
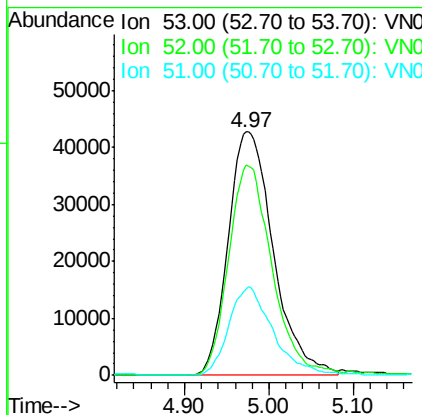
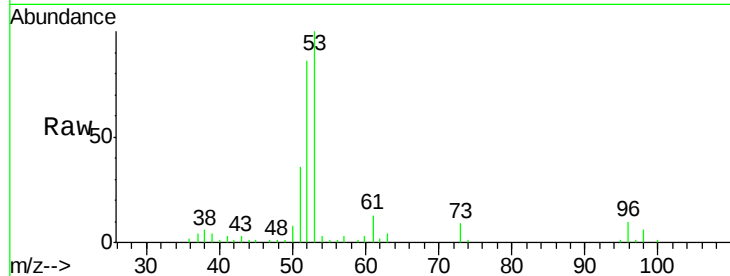
ClientSampleId :

VN0806WBSD01

Tot Ion:	53	Resp:	159022
Ion	Ratio	Lower	Upper
53	100		
52	83.1	66.5	99.7
51	35.5	28.4	42.6

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#16

Acetone

Concen: 86.736 ug/l

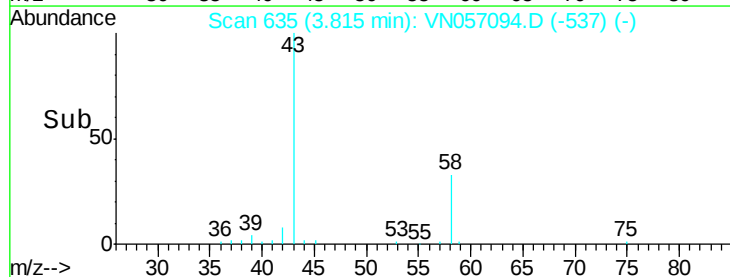
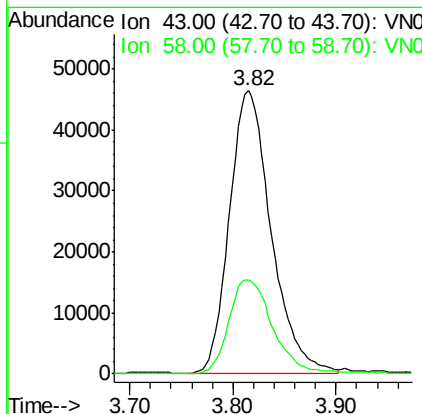
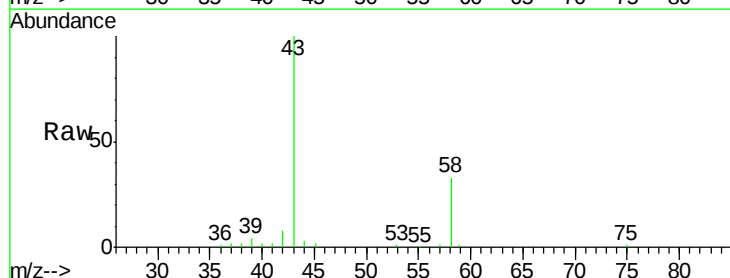
RT: 3.82 min Scan# 635

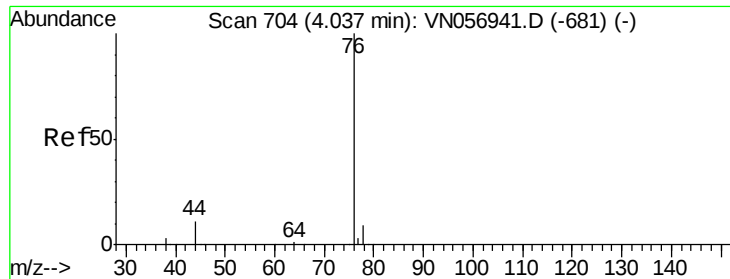
Delta R.T. 0.02 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Tgt Ion:	43	Resp:	131358
Ion	Ratio	Lower	Upper
43	100		
58	33.0	27.2	40.8





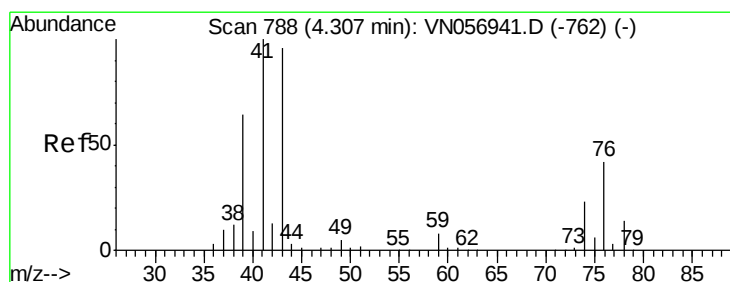
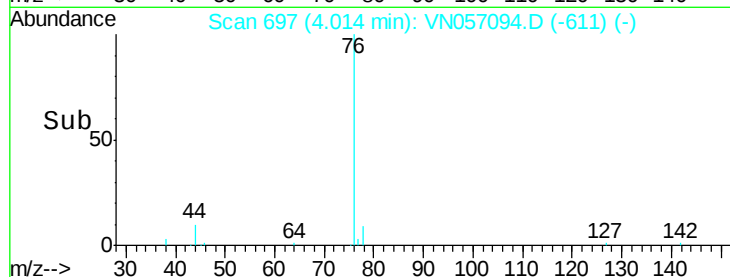
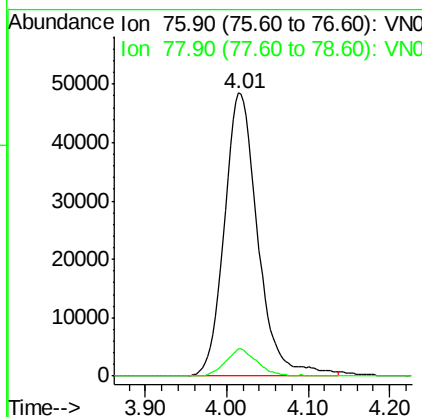
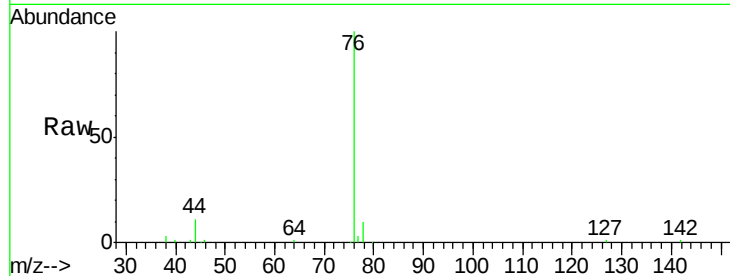
#17
Carbon Disulfide
Concen: 14.643 ug/l
RT: 4.01 min Scan# 697
Delta R.T. -0.02 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

Tot Ion: 76 Resp: 139674
Ion Ratio Lower Upper
76 100
78 9.6 7.2 10.8

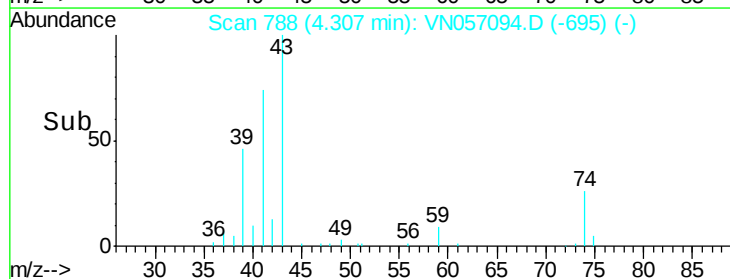
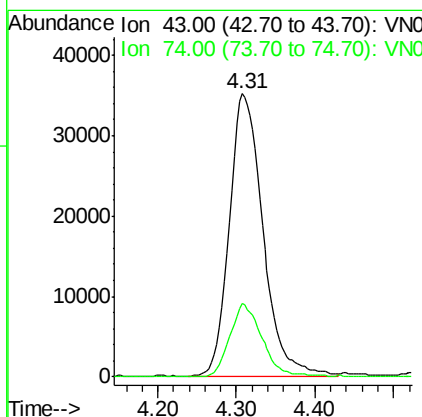
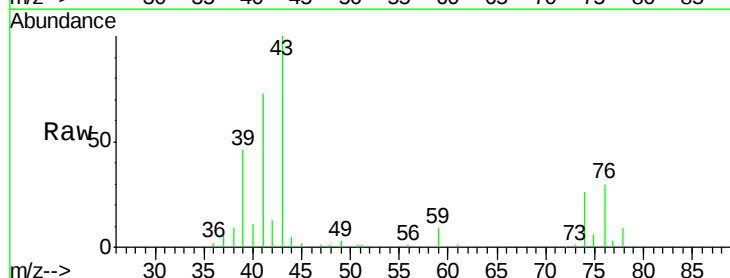
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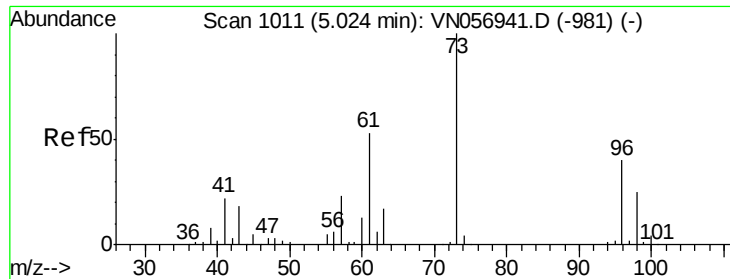
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#18
Methyl Acetate
Concen: 21.884 ug/l
RT: 4.31 min Scan# 788
Delta R.T. -0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Tgt Ion: 43 Resp: 105728
Ion Ratio Lower Upper
43 100
74 24.2 19.7 29.5





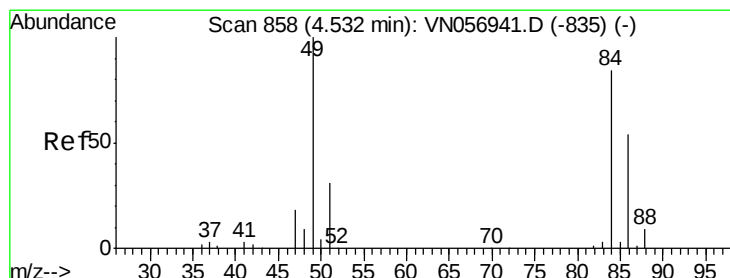
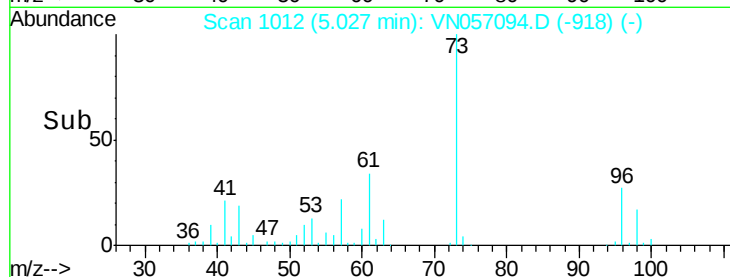
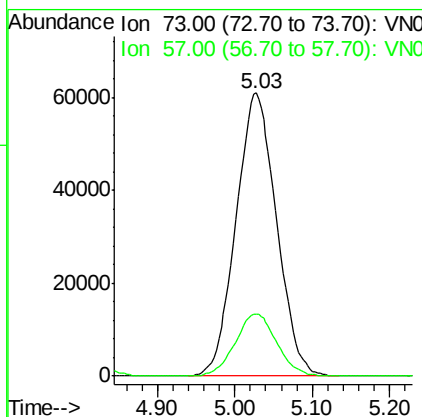
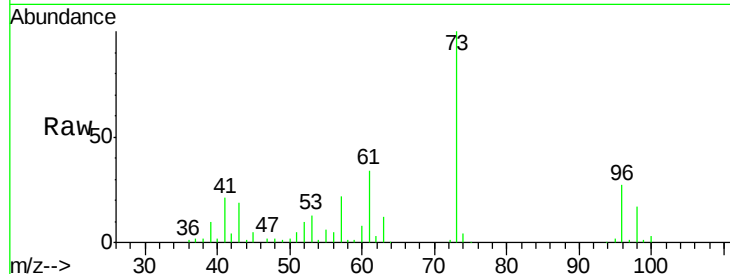
#19
Methvl tert-butvl Ether
Concen: 20.748 ug/l
RT: 5.03 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

Tot Ion: 73 Resp: 222073
Ion Ratio Lower Upper
73 100
57 21.9 18.3 27.5

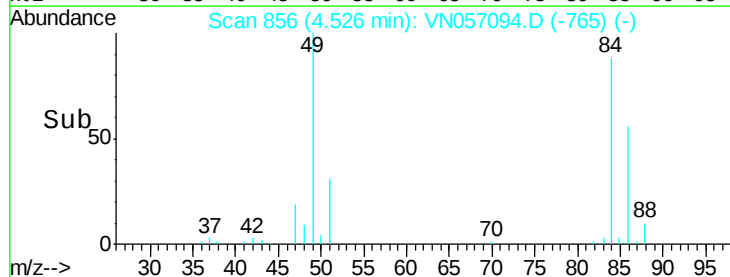
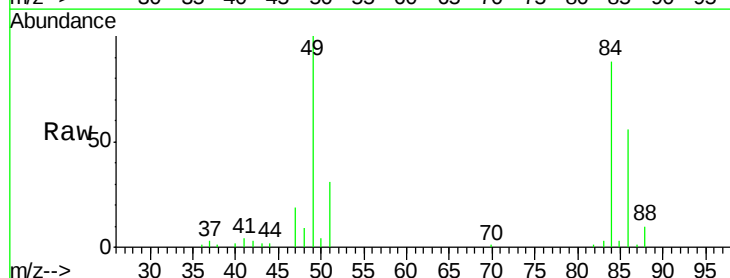
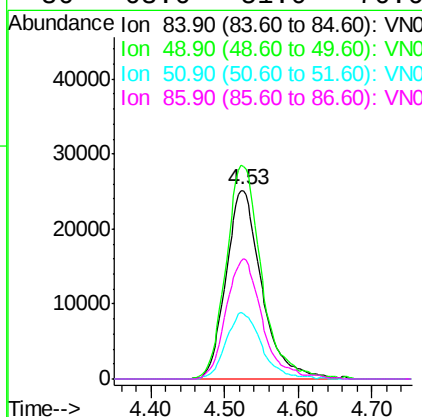
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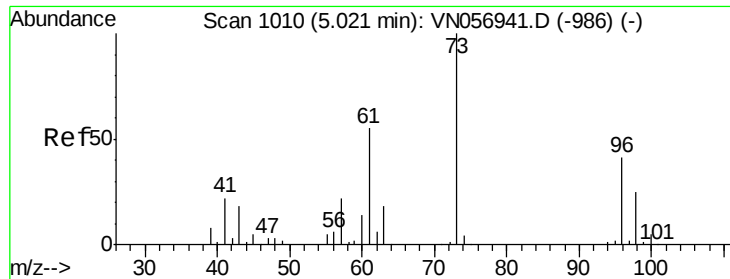
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#20
Methylene Chloride
Concen: 19.381 ug/l
RT: 4.53 min Scan# 856
Delta R.T. -0.01 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Tgt Ion: 84 Resp: 84550
Ion Ratio Lower Upper
84 100
49 113.0 95.2 142.8
51 34.7 29.7 44.5
86 63.6 51.0 76.6





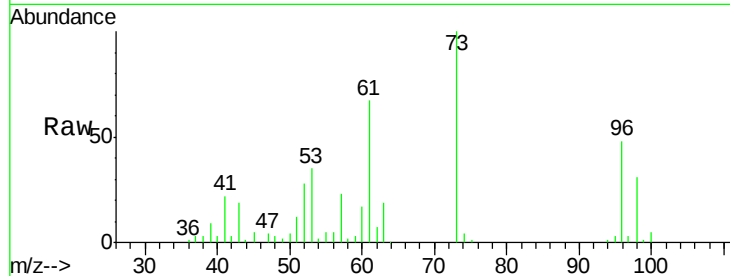
#21
trans-1,2-Dichloroethene
Concen: 18.756 ug/l
RT: 5.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
96	100		
61	138.4	107.5	161.3
98	64.4	49.9	74.9

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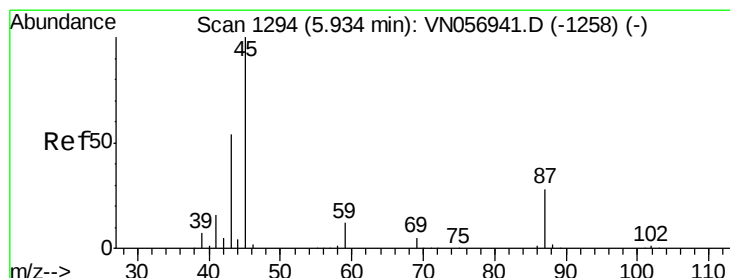
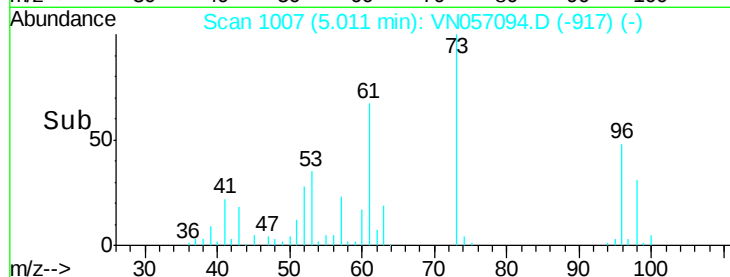
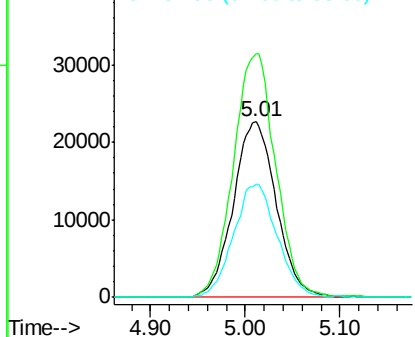


Abundance

Ion 95.90 (95.60 to 96.60): VNC

Ion 60.90 (60.60 to 61.60): VNC

Ion 97.90 (97.60 to 98.60): VNC



#22
Diisopropyl ether
Concen: 19.918 ug/l
RT: 5.94 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Tgt Ion	Ratio	Lower	Upper
45	100		
43	58.6	44.7	67.1
87	32.0	23.0	34.6
59	11.6	9.8	14.8

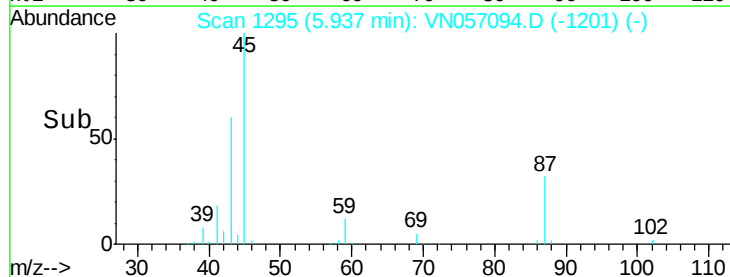
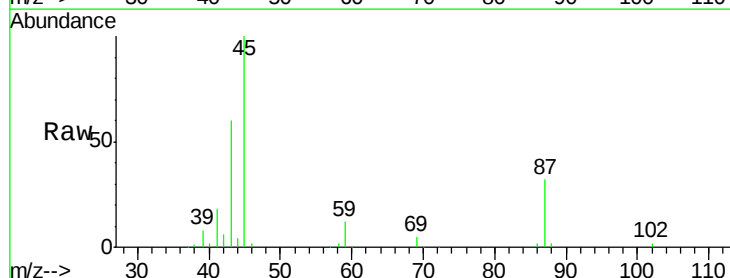
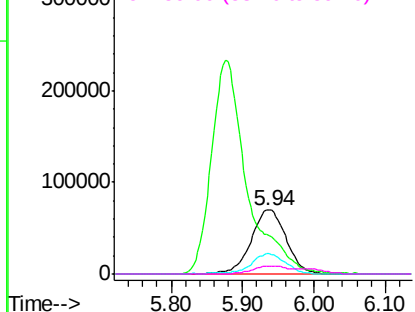
Abundance

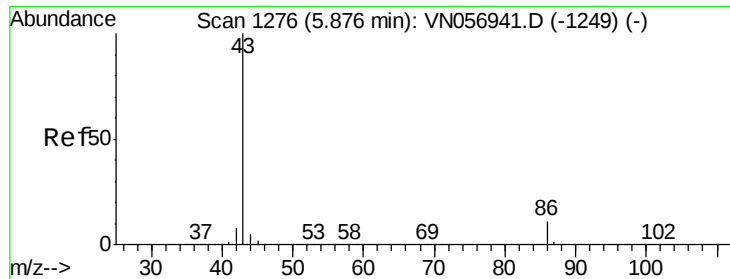
Ion 45.00 (44.70 to 45.70): VNC

Ion 43.00 (42.70 to 43.70): VNC

Ion 87.00 (86.70 to 87.70): VNC

Ion 59.00 (58.70 to 59.70): VNC





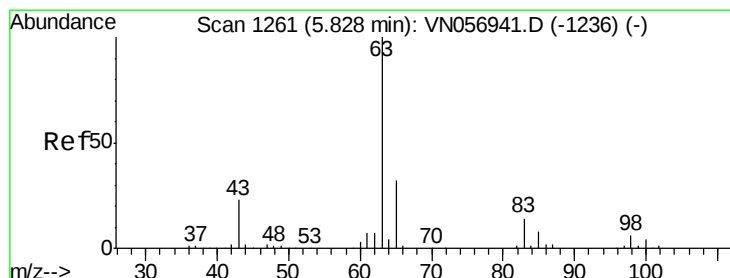
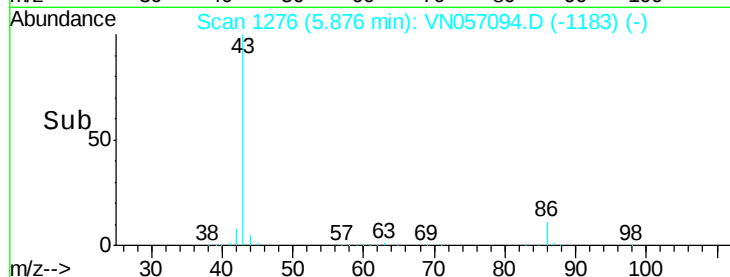
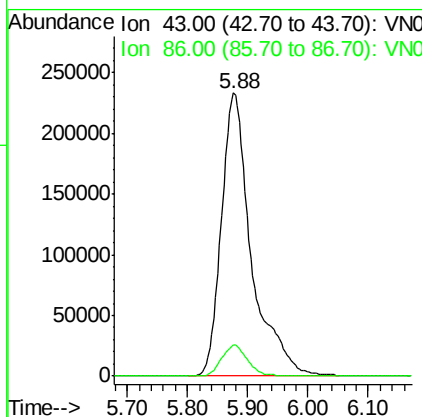
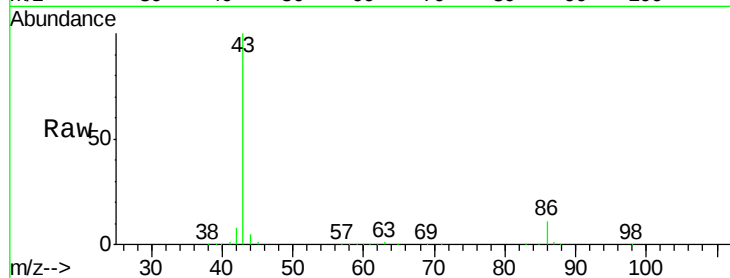
#23
 Vinyl Acetate
 Concen: 96.961 ug/l
 RT: 5.88 min Scan# 1276
 Delta R.T. -0.00 min
 Lab File: VN057094.D
 Acq: 6 Aug 2019 11:38

Instrument :
 MSVOA_N
 ClientSampleID :
 VN0806WBSD01

Tot Ion: 43 Resp: 808246
 Ion Ratio Lower Upper
 43 100
 86 10.9 8.5 12.7

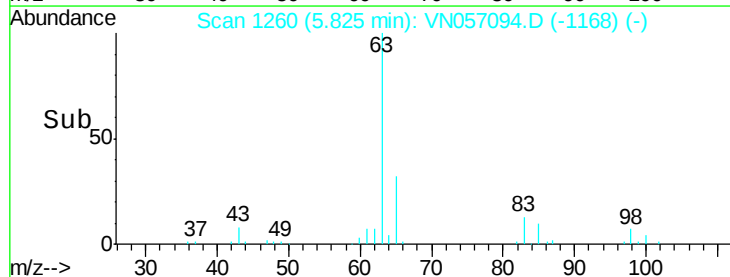
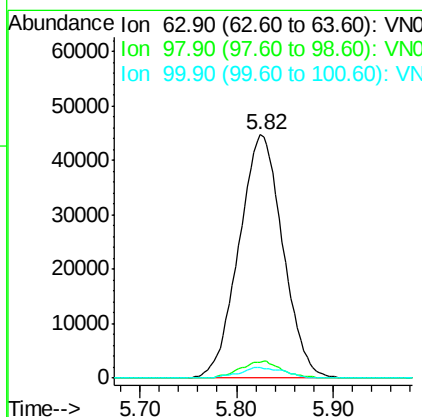
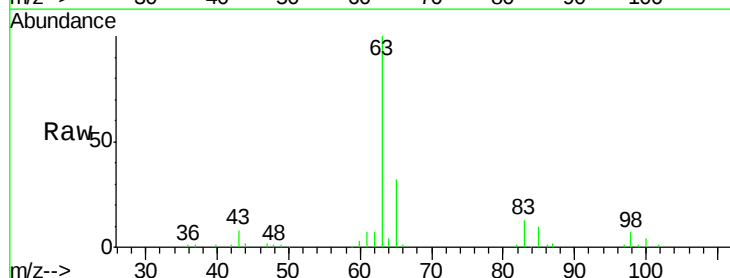
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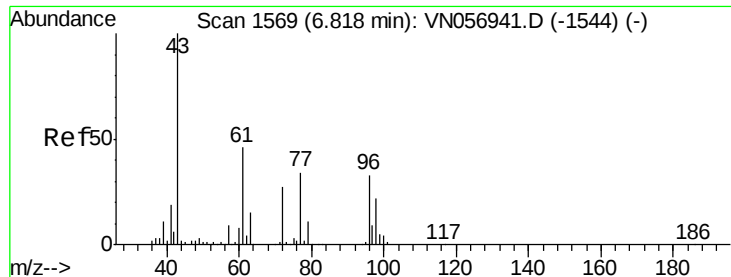
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#24
 1,1-Dichloroethane
 Concen: 19.813 ug/l
 RT: 5.82 min Scan# 1260
 Delta R.T. -0.00 min
 Lab File: VN057094.D
 Acq: 6 Aug 2019 11:38

Tgt Ion: 63 Resp: 140642
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.2 9.6
 100 4.3 2.1 6.3





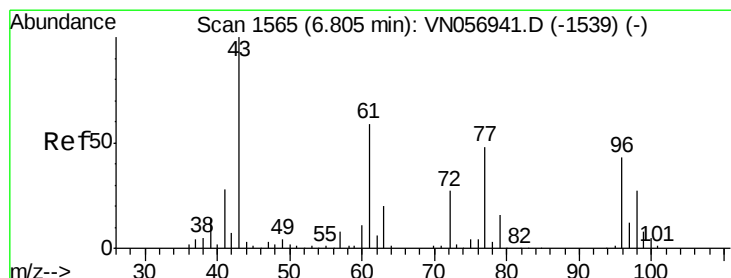
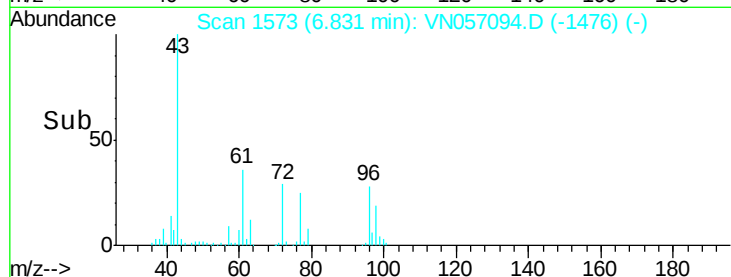
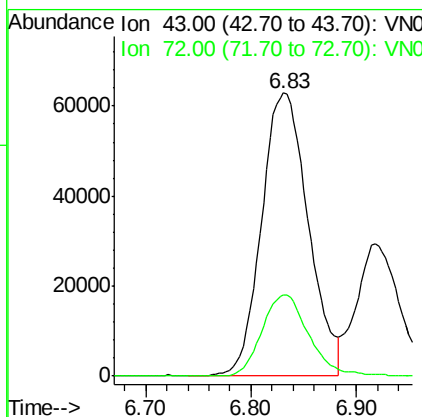
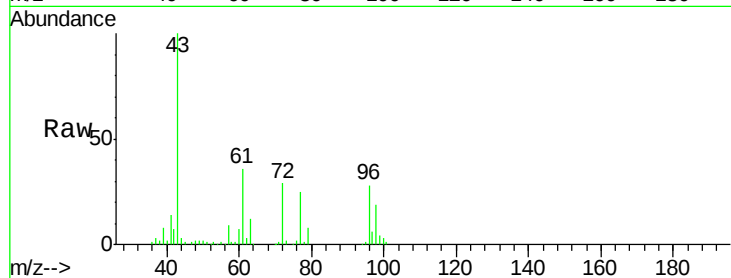
#25
2-Butanone
Concen: 90.294 ug/l
RT: 6.83 min Scan# 1573
Delta R.T. 0.01 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Instrument :
MSVOA_N
ClientSampled :
VN0806WBSD01

Tot Ion: 43 Resp: 193908
Ion Ratio Lower Upper
43 100
72 28.7 21.5 32.3

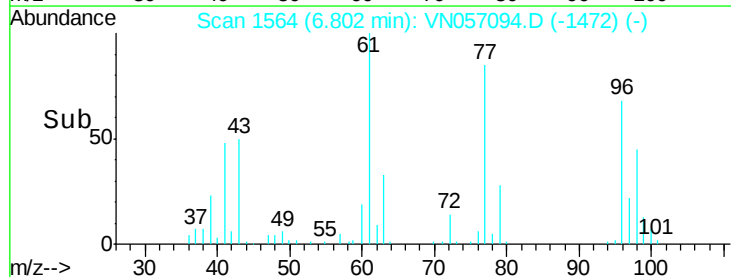
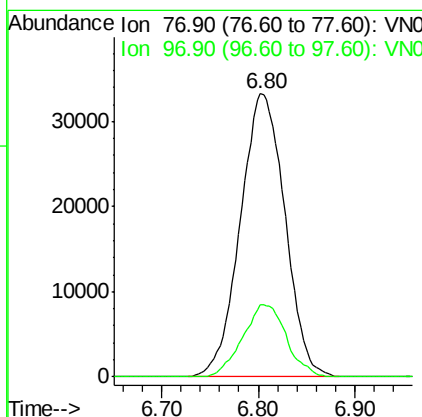
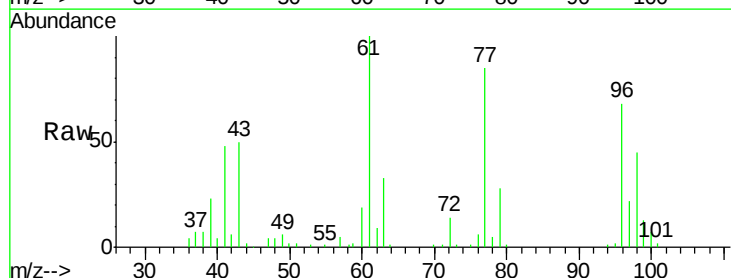
Manual Integrations
APPROVED

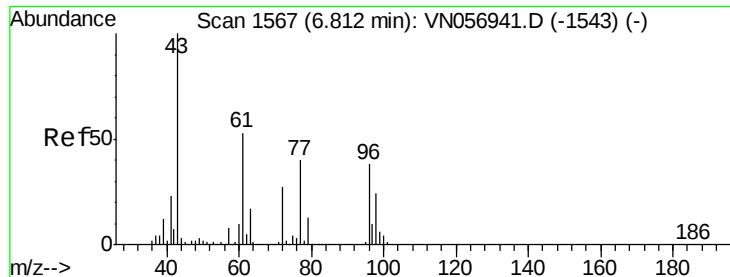
MMdadoda
8/9/2019 12:51:34 AM



#26
2,2-Dichloropropane
Concen: 19.762 ug/l
RT: 6.80 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Tgt Ion: 77 Resp: 106661
Ion Ratio Lower Upper
77 100
97 24.9 12.2 36.6





#27

cis-1,2-Dichloroethene

Concen: 19.555 ug/l

RT: 6.81 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Instrument :

MSVOA_N

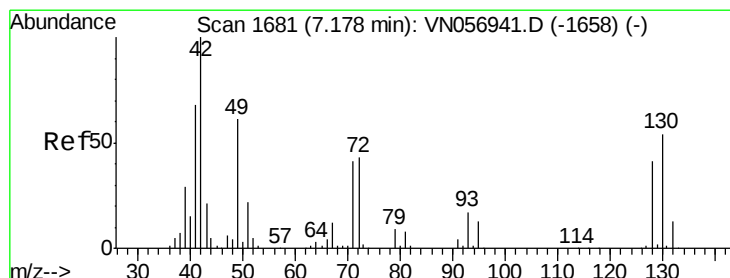
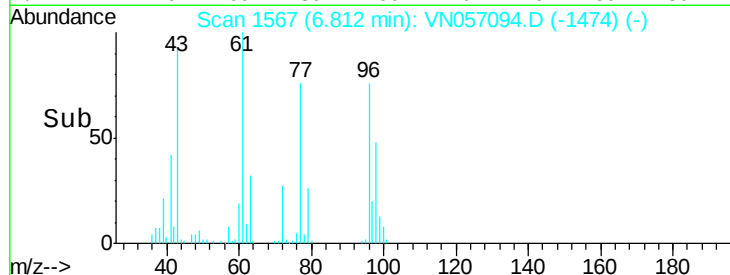
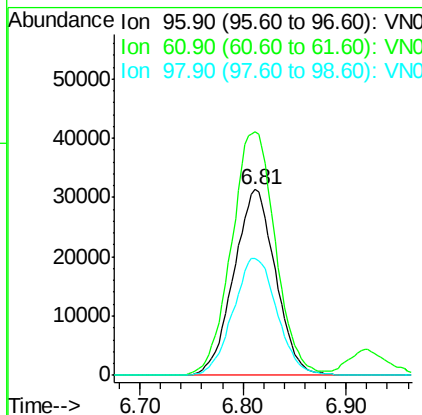
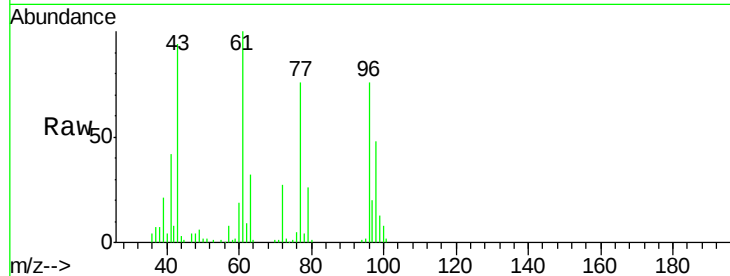
ClientSampleId :

VN0806WBSD01

Tot Ion:	96	Resp:	88174
Ion	Ratio	Lower	Upper
96	100		
61	137.7	0.0	277.2
98	66.5	0.0	128.4

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#28

Bromochloromethane

Concen: 18.576 ug/l

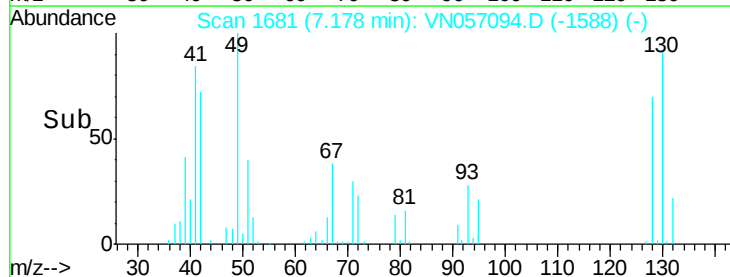
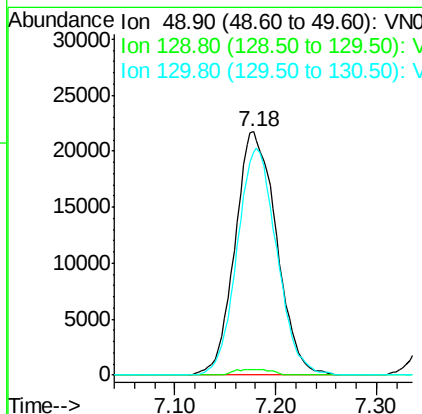
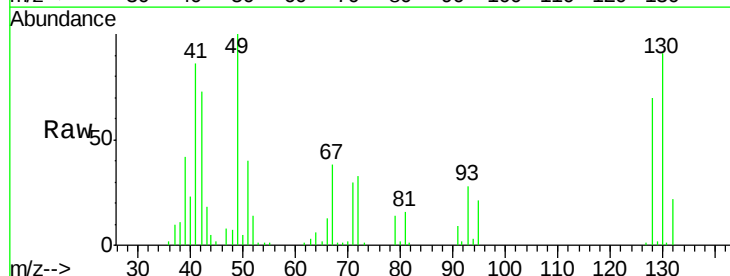
RT: 7.18 min Scan# 1681

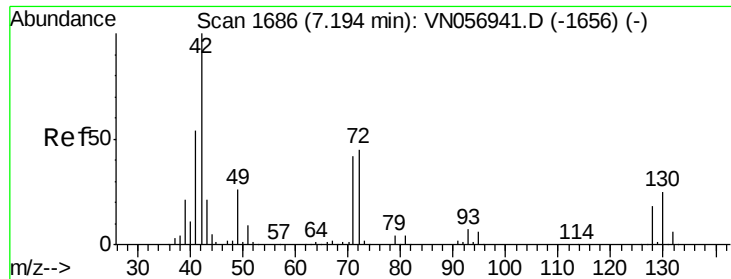
Delta R.T. -0.00 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Tgt Ion:	49	Resp:	61978
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.6
130	88.9	69.0	103.4





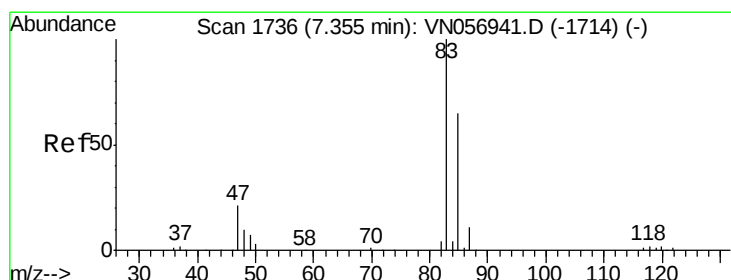
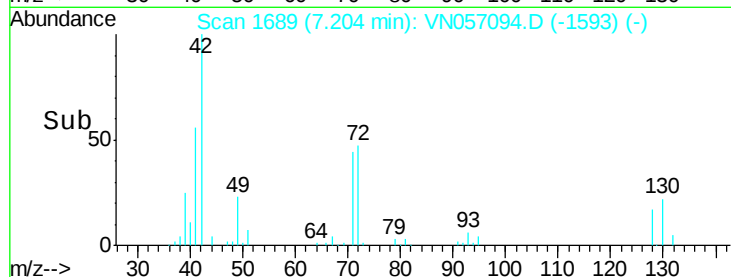
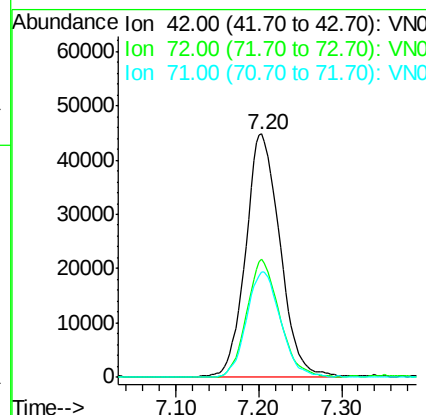
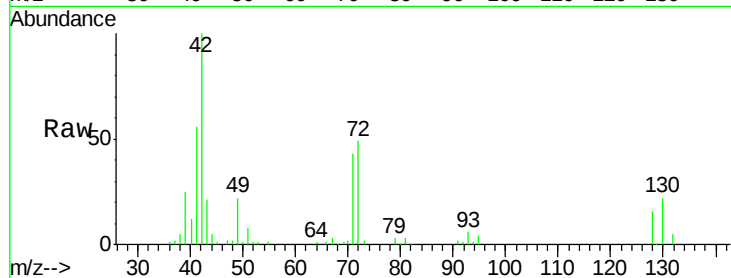
#29
Tetrahydrofuran
Concen: 92.216 ug/l
RT: 7.20 min Scan# 1689
Delta R.T. 0.01 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
42	100		
72	46.2	35.6	53.4
71	42.9	33.5	50.3

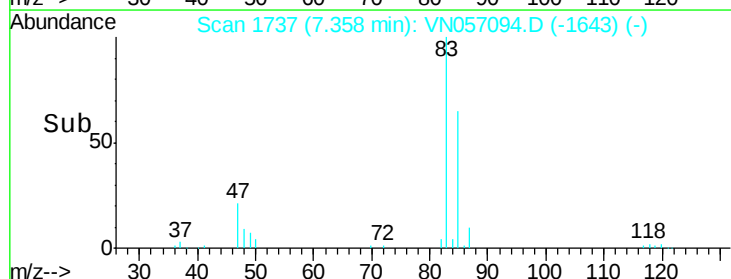
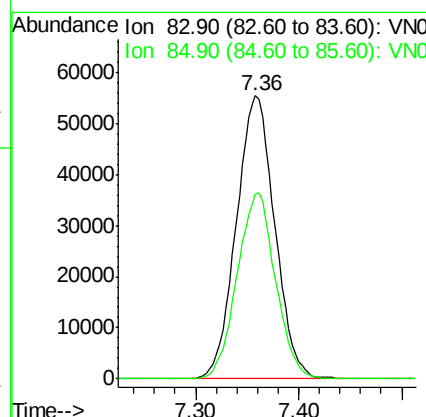
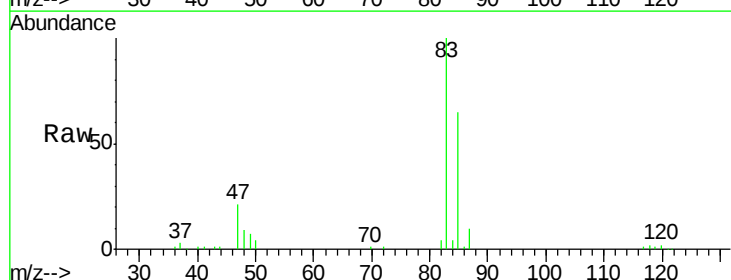
Manual Integrations
APPROVED

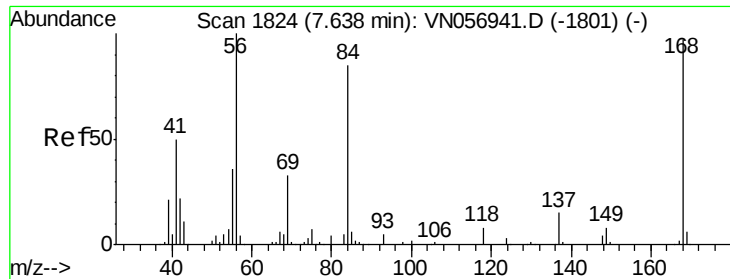
MMDadoda
8/9/2019 12:51:34 AM



#30
Chloroform
Concen: 19.751 ug/l
RT: 7.36 min Scan# 1737
Delta R.T. 0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.4	52.2	78.2





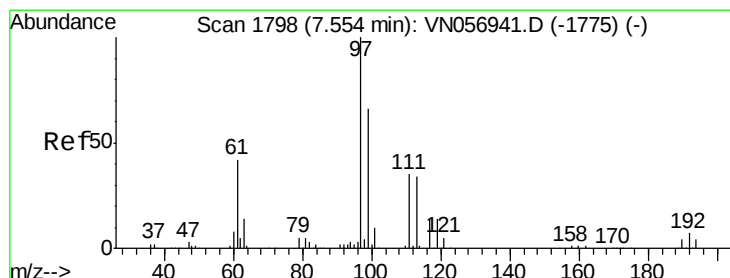
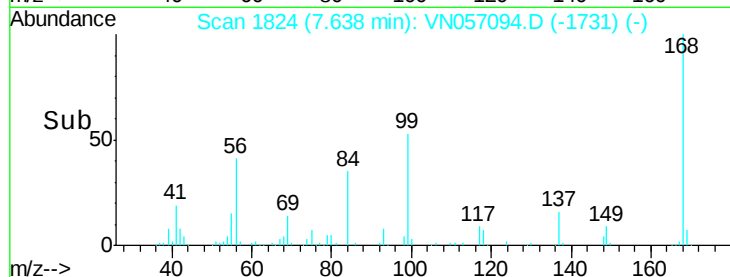
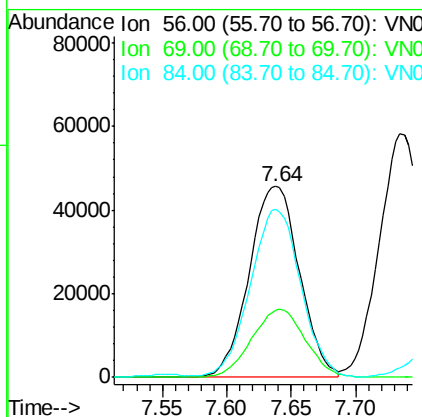
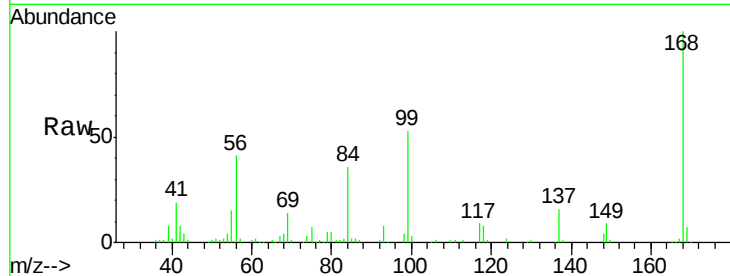
#31
Cyclohexane
Concen: 18.049 ug/l
RT: 7.64 min Scan# 1824
Delta R.T. -0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Instrument :
MSVOA_N
ClientSampled :
VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
56	100		
69	35.2	26.2	39.2
84	87.1	68.2	102.2

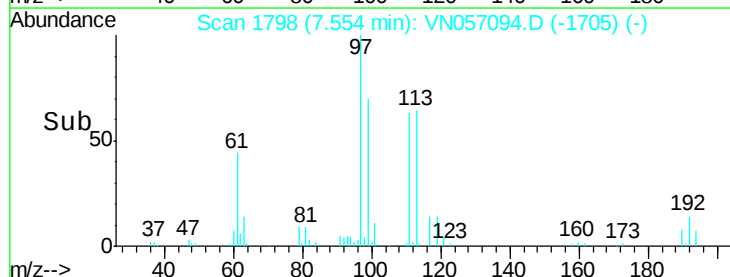
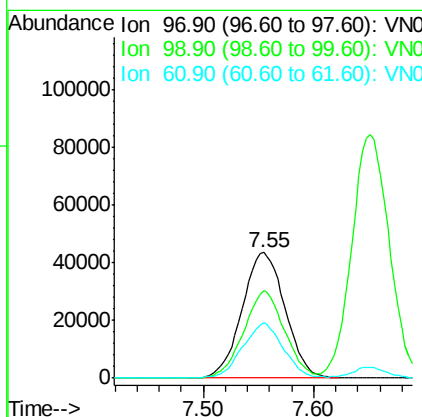
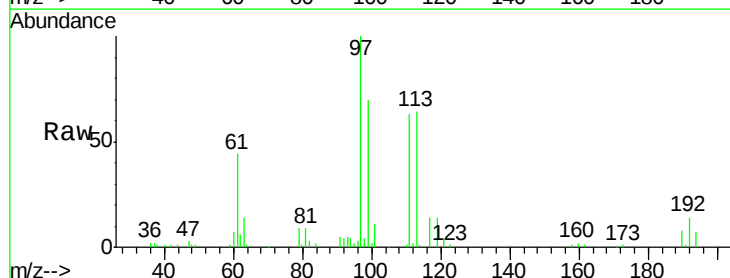
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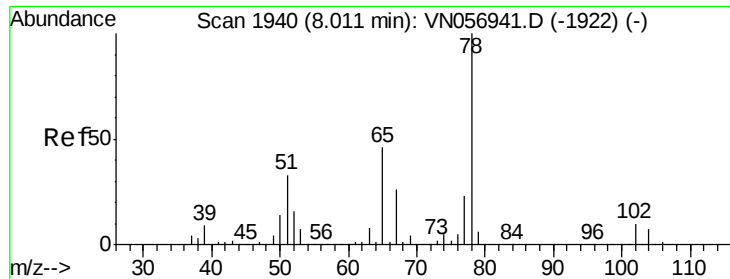
MMdadoda
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#32
1,1,1-Trichloroethane
Concen: 20.257 ug/l
RT: 7.55 min Scan# 1798
Delta R.T. -0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Tgt Ion	Ratio	Lower	Upper
97	100		
99	65.8	52.3	78.5
61	41.6	33.9	50.9





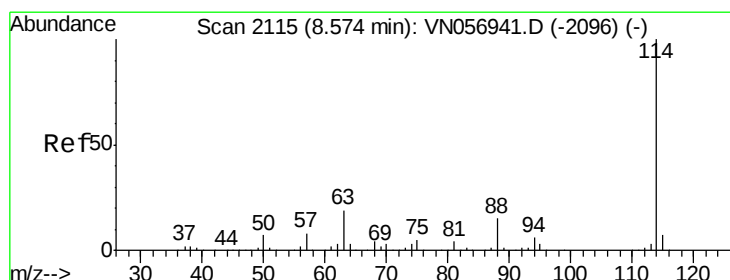
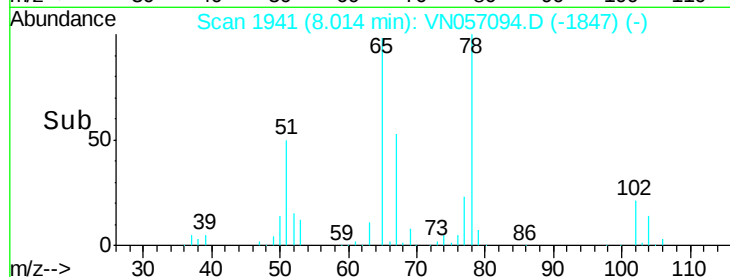
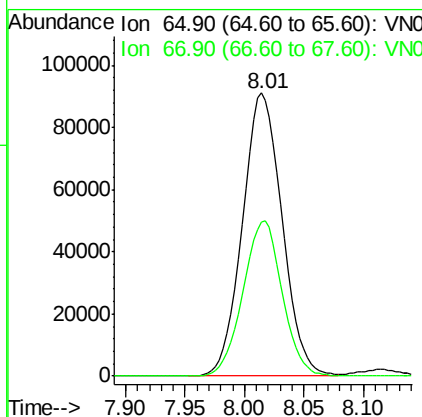
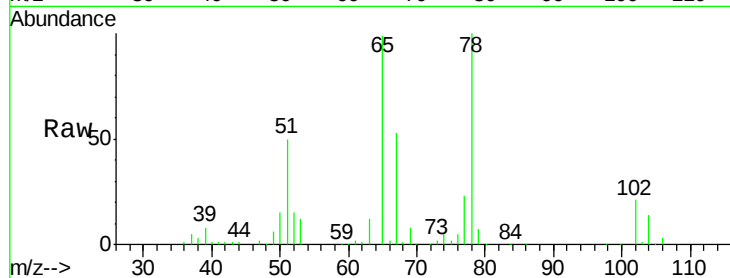
#33
 1,2-Dichloroethane-d4
 Concen: 50.333 ug/l
 RT: 8.01 min Scan# 1941
 Delta R.T. 0.00 min
 Lab File: VN057094.D
 Acq: 6 Aug 2019 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
65	100	210411		
67	54.0	0.0	112.0	

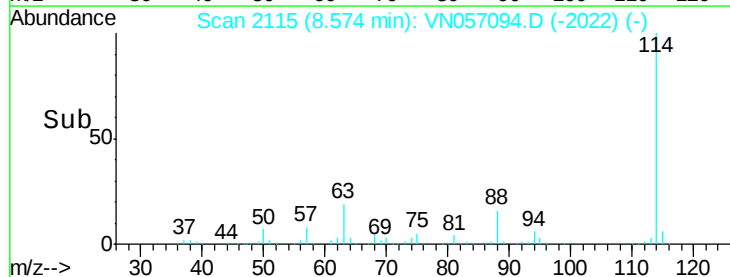
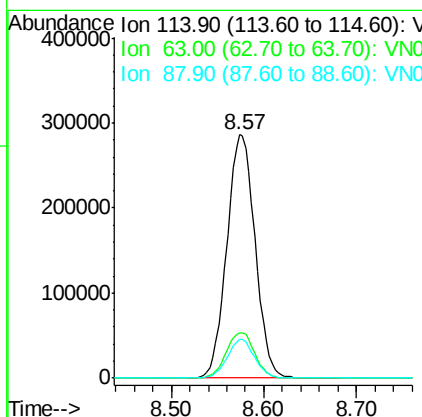
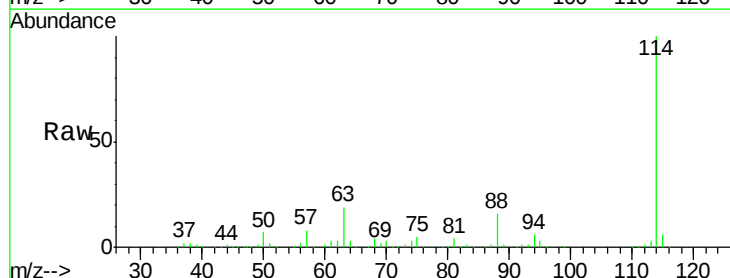
Manual Integrations
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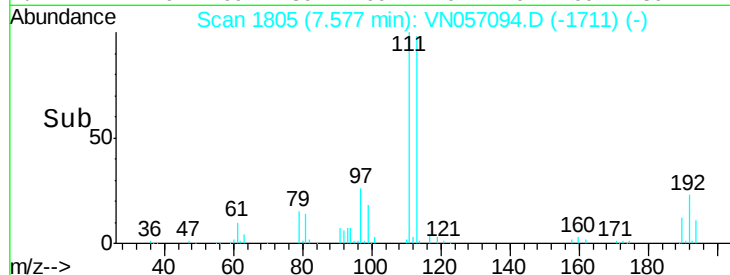
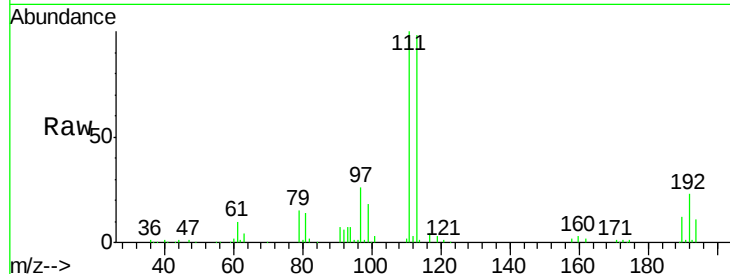
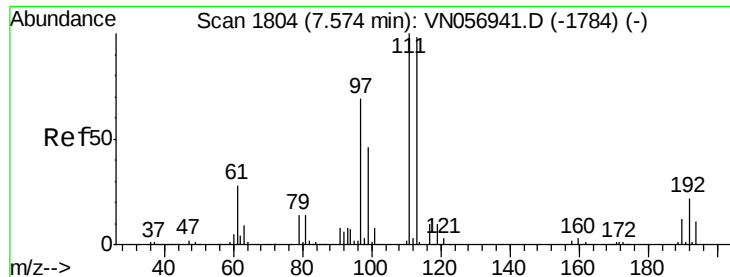
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.57 min Scan# 2115
 Delta R.T. -0.00 min
 Lab File: VN057094.D
 Acq: 6 Aug 2019 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
114	100	604740		
63	18.7	0.0	38.0	
88	15.7	0.0	30.0	





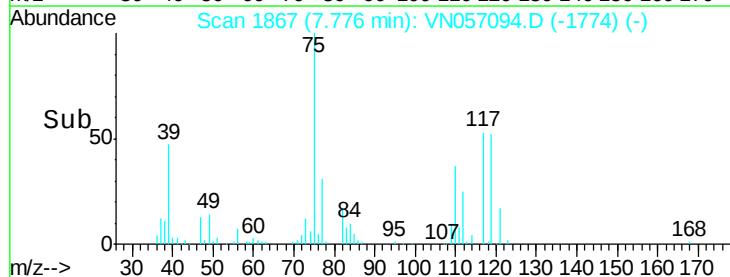
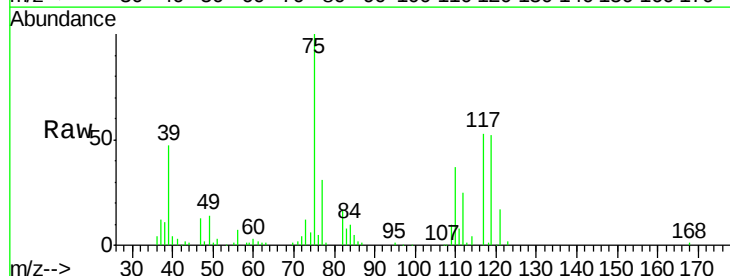
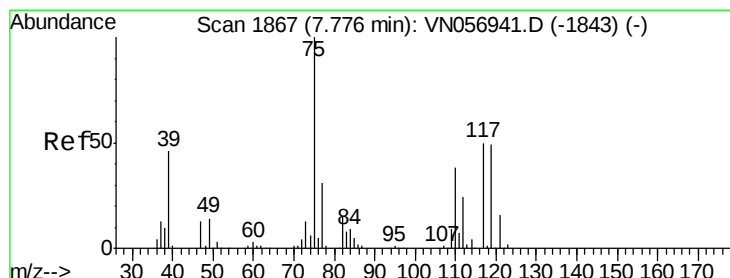
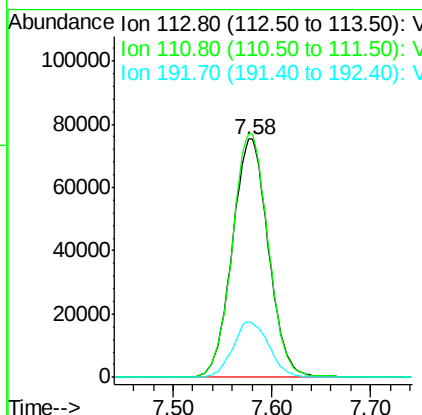
#35
Dibromofluoromethane
Concen: 49.574 ug/l
RT: 7.58 min Scan# 1805
Delta R.T. 0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Tot Ion	Ratio	Resp	Lower	Upper
113	100	191917		
111	101.2	82.0	123.0	
192	23.2	18.4	27.6	

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

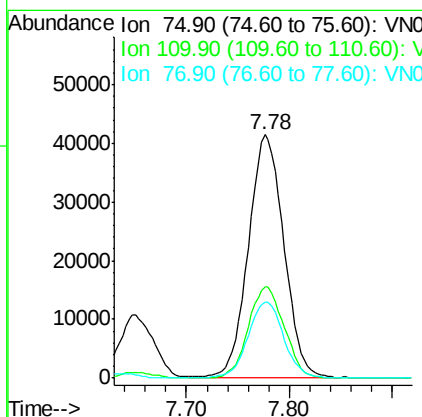
Manual Integrations
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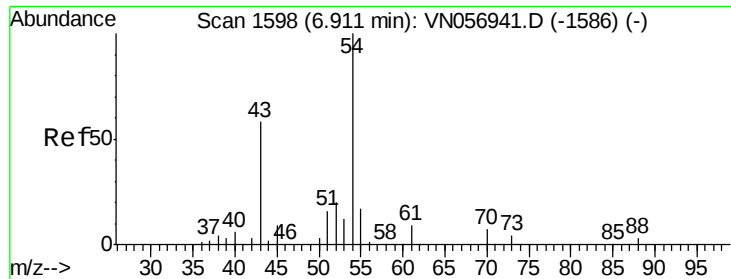
MMDadoda
8/9/2019 12:51:34 AM



#36
1,1-Dichloropropene
Concen: 18.704 ug/l
RT: 7.78 min Scan# 1867
Delta R.T. -0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	99531		
110	37.6	18.6	55.8	
77	31.4	25.2	37.8	





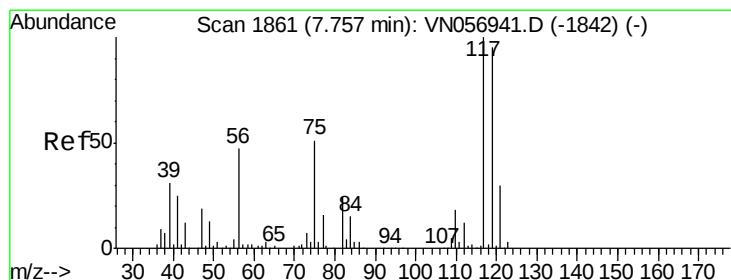
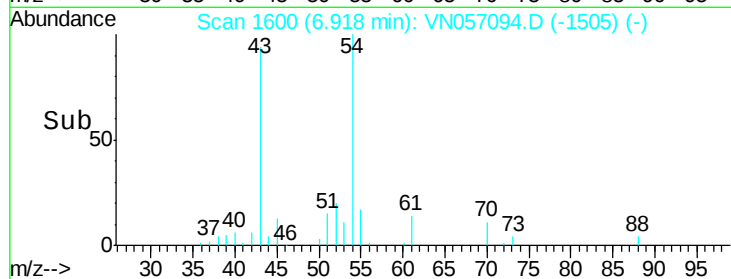
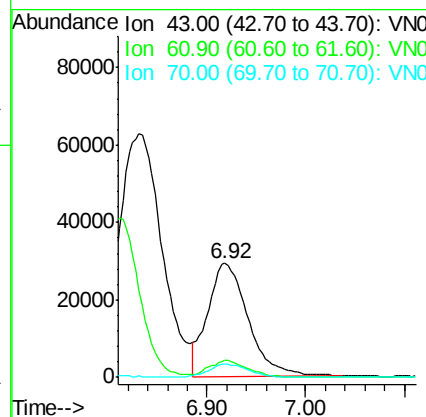
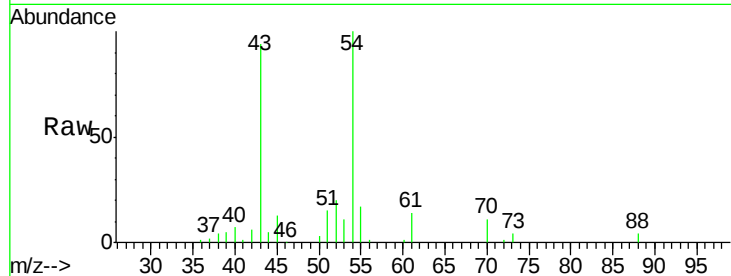
#37
Ethyl Acetate
Concen: 19.694 ug/l
RT: 6.92 min Scan# 1600
Delta R.T. 0.01 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	13.0	11.8	17.6
70	11.3	8.5	12.7

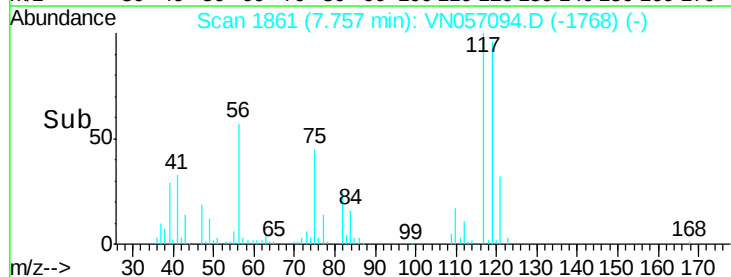
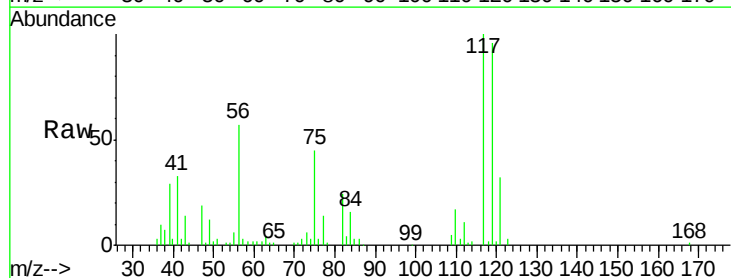
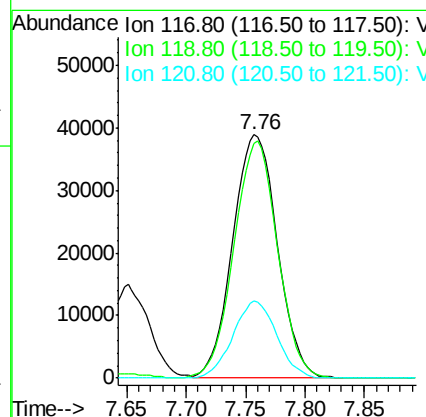
Manual Integrations
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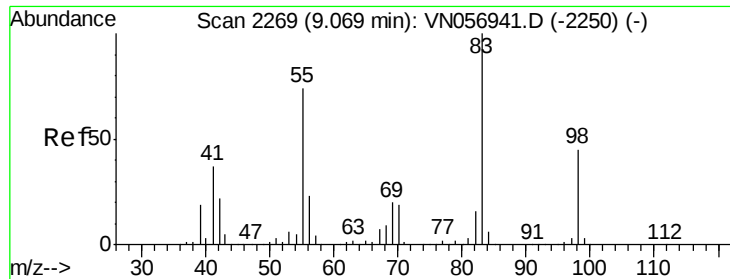
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8/9/2019 12:51:34 AM



#38
Carbon Tetrachloride
Concen: 20.118 ug/l
RT: 7.76 min Scan# 1861
Delta R.T. -0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.2	75.3	112.9
121	31.8	24.2	36.4





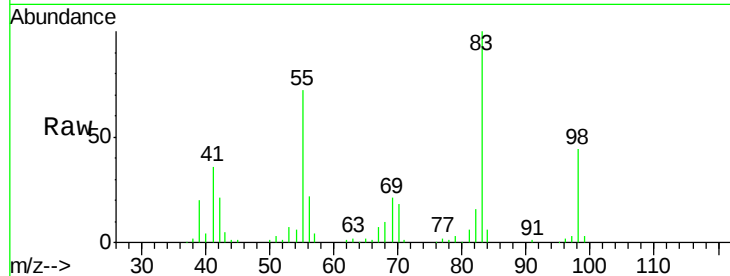
#39
Methvlcvclohexane
Concen: 17.650 ug/l
RT: 9.07 min Scan# 2269
Delta R.T. -0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Instrument :
MSVOA_N
ClientSampled :
VN0806WBSD01

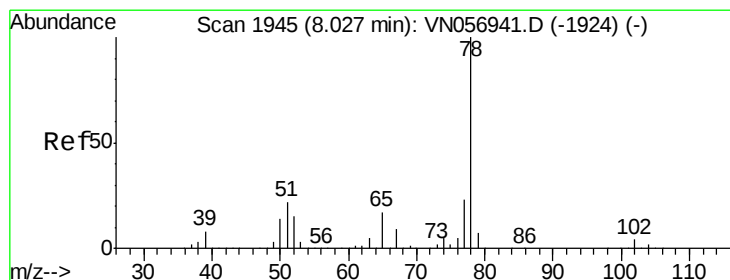
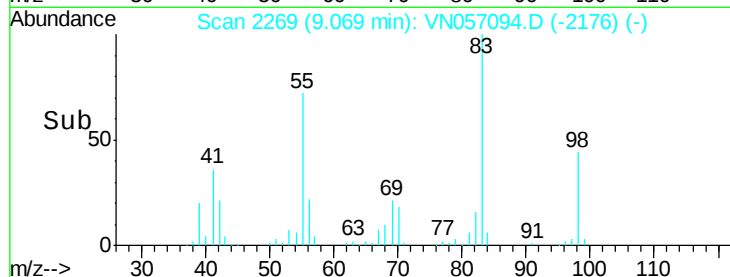
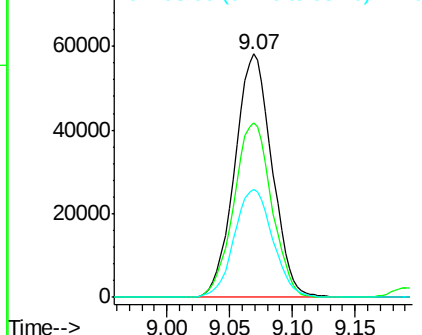
Tot Ion	Ratio	Lower	Upper
83	100		
55	71.7	59.0	88.6
98	44.4	36.2	54.4

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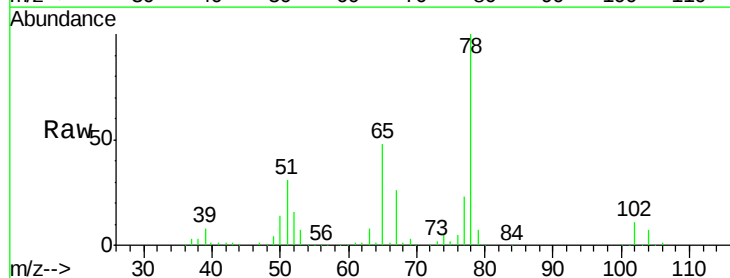


Abundance Ion 83.00 (82.70 to 83.70): VN056941.D (-2250) (-)

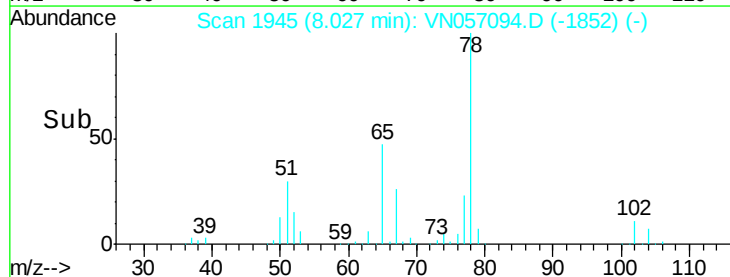
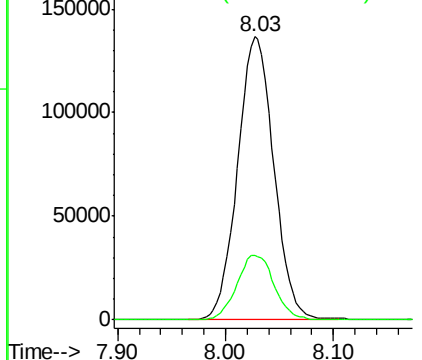


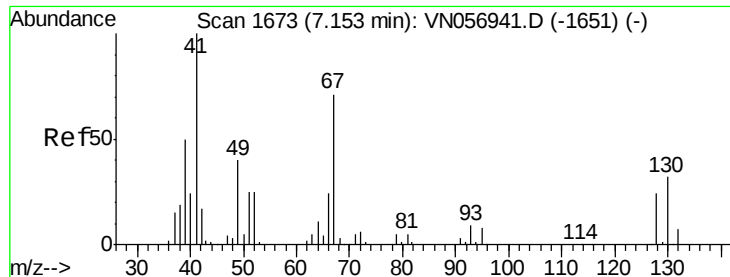
#40
Benzene
Concen: 19.502 ug/l
RT: 8.03 min Scan# 1945
Delta R.T. -0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Tgt Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.3	27.5



Abundance Ion 78.00 (77.70 to 78.70): VN056941.D (-1924) (-)





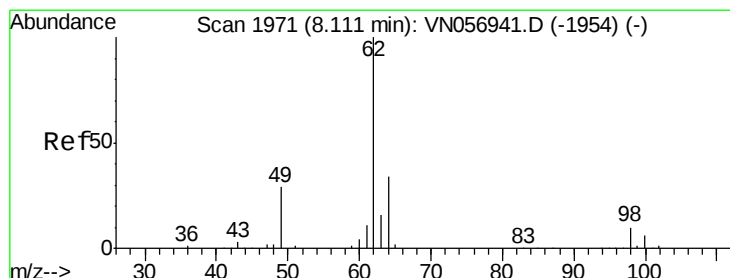
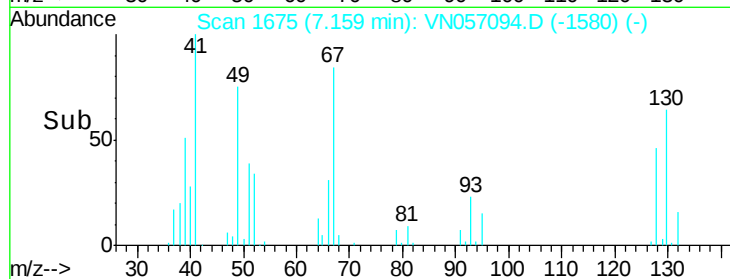
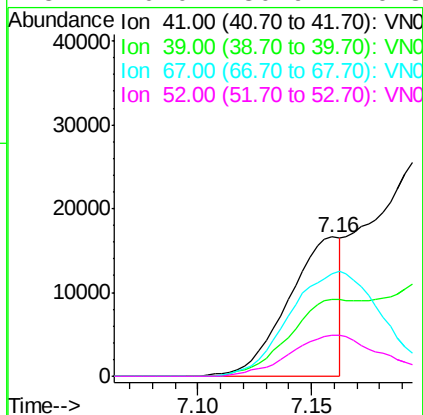
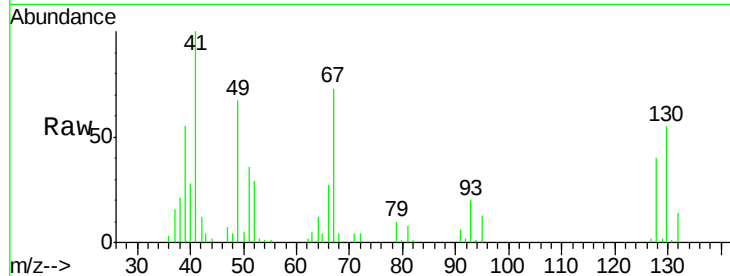
#41
Methacrylonitrile
Concen: 13.437 ug/l m
RT: 7.16 min Scan# 1675
Delta R.T. 0.01 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.9	73.3#
67	0.0	83.4	125.0#
52	0.0	30.9	46.3#

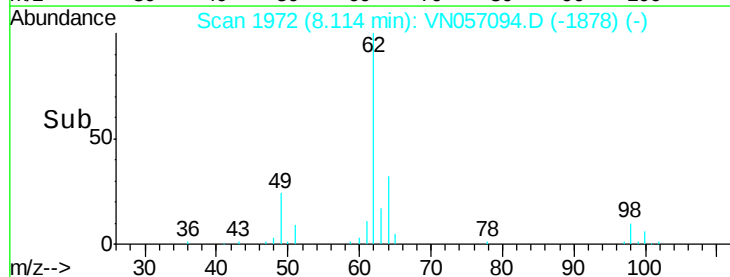
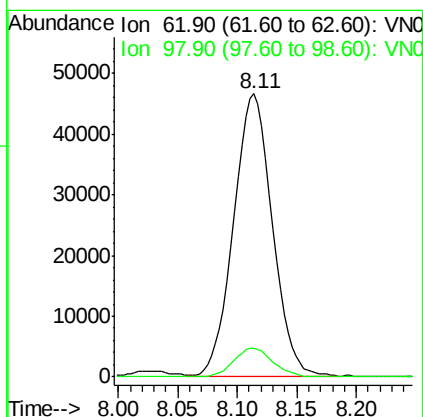
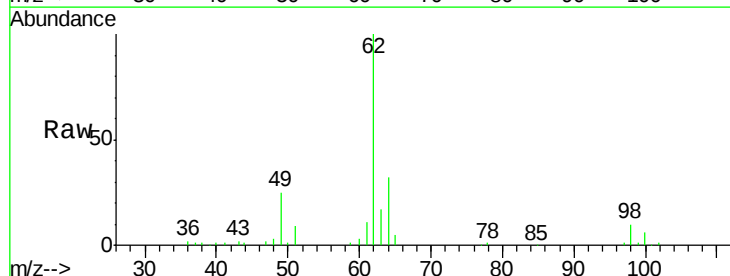
Manual Integrations
APPROVED

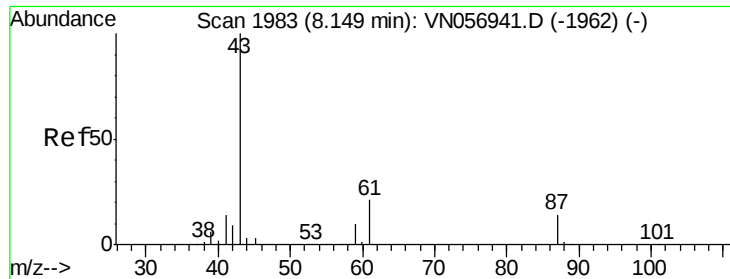
MMDadoda
8/9/2019 12:51:34 AM



#42
1,2-Dichloroethane
Concen: 20.459 ug/l
RT: 8.11 min Scan# 1972
Delta R.T. 0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.6





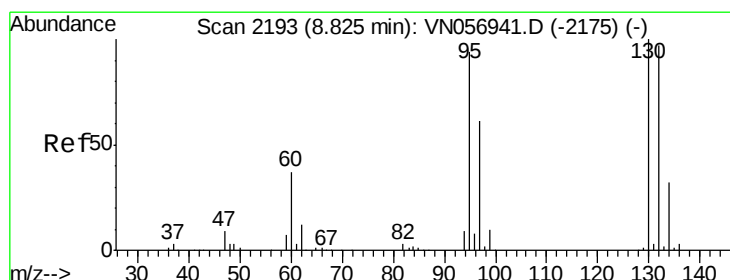
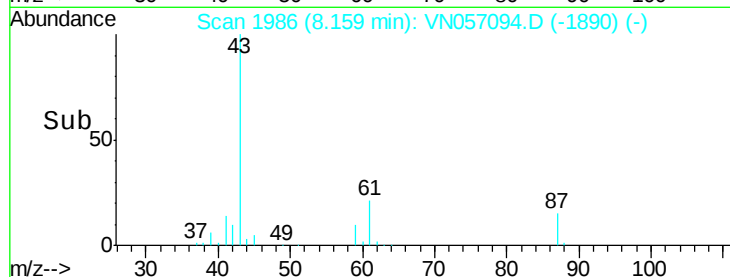
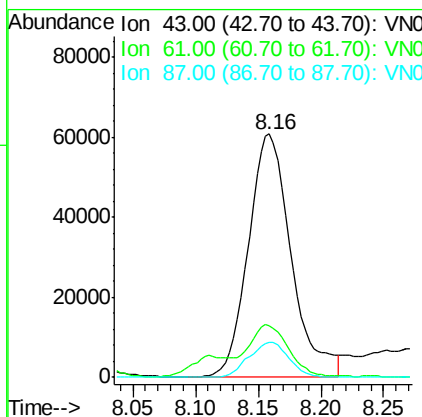
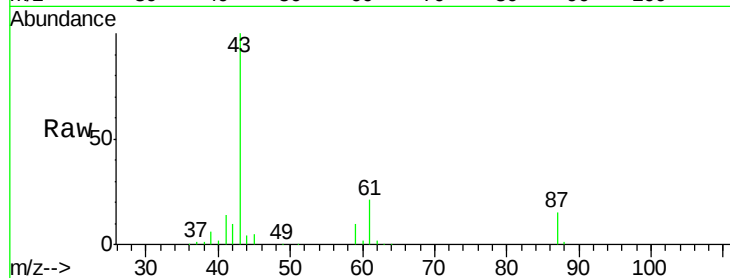
#43
Isopropyl Acetate
Concen: 20.391 ug/l
RT: 8.16 min Scan# 1986
Delta R.T. 0.01 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
43	100		
61	19.2	23.0	34.6#
87	13.5	11.7	17.5

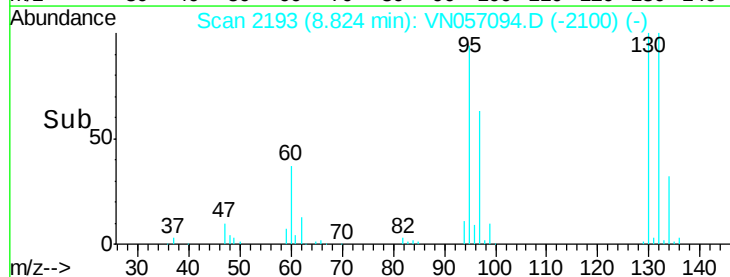
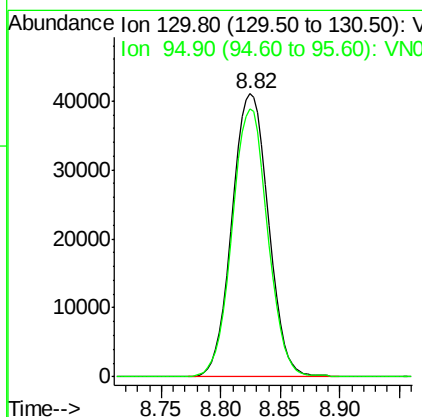
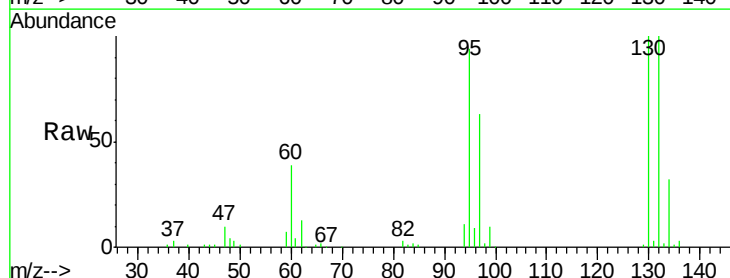
Manual Integrations
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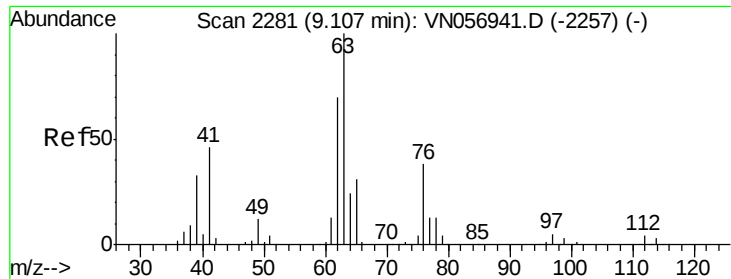
MMDadoda
8/9/2019 12:51:34 AM



#44
Trichloroethene
Concen: 19.310 ug/l
RT: 8.82 min Scan# 2193
Delta R.T. -0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Tgt Ion	Ratio	Lower	Upper
130	100		
95	94.7	0.0	189.0





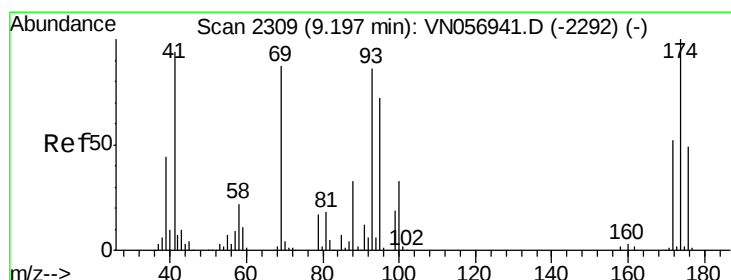
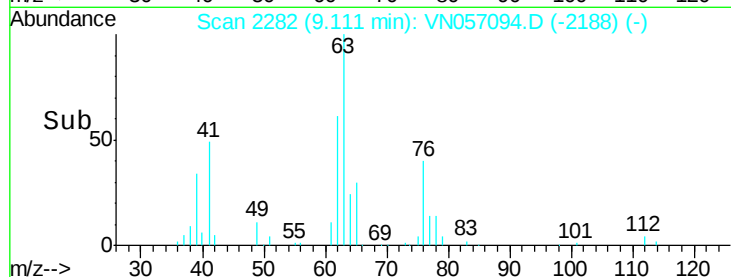
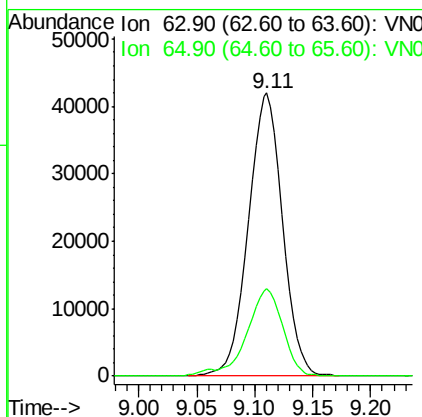
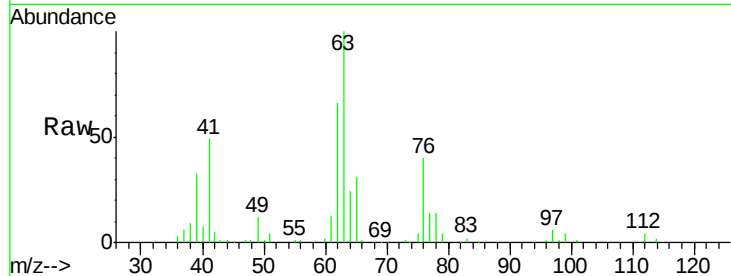
#45
 1,2-Dichloropropane
 Concen: 19.722 ug/l
 RT: 9.11 min Scan# 2282
 Delta R.T. 0.00 min
 Lab File: VN057094.D
 Acq: 6 Aug 2019 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

Tot Ion: 63 Resp: 86458
 Ion Ratio Lower Upper
 63 100
 65 30.7 24.8 37.2

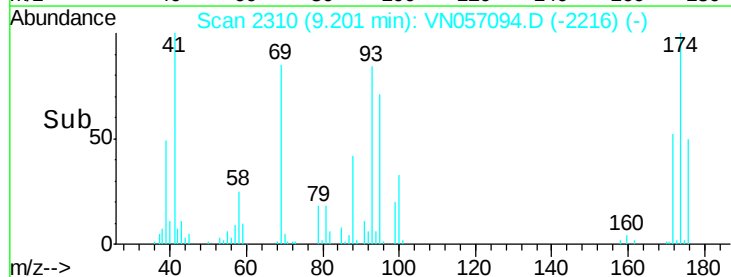
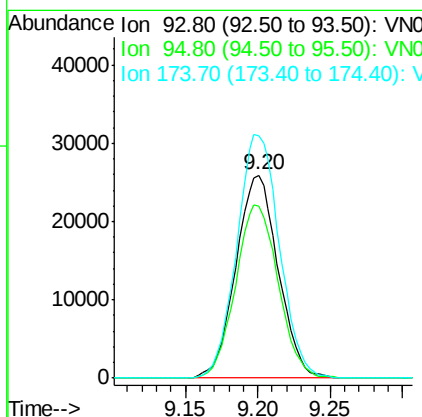
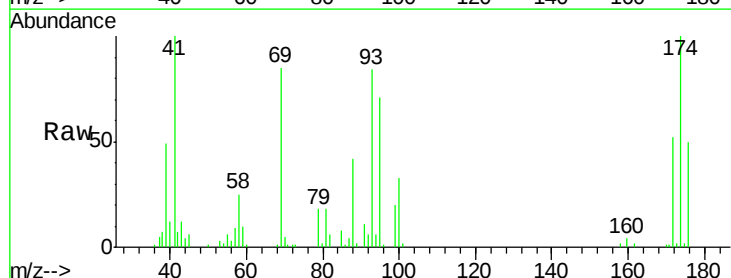
Manual Integrations
 APPROVED

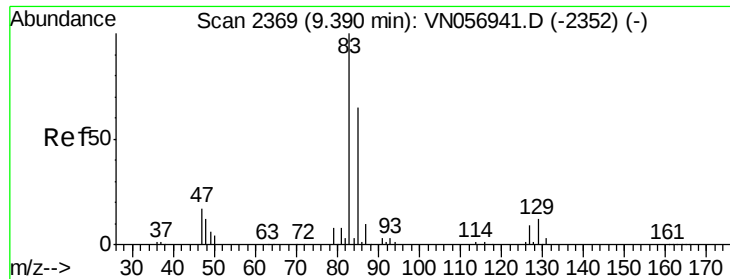
MMdadoda
 8/9/2019 12:51:34 AM



#46
 Dibromomethane
 Concen: 19.878 ug/l
 RT: 9.20 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN057094.D
 Acq: 6 Aug 2019 11:38

Tgt Ion: 93 Resp: 52554
 Ion Ratio Lower Upper
 93 100
 95 85.9 67.0 100.6
 174 120.9 92.7 139.1





#47

Bromodichloromethane

Concen: 19.746 ug/l

RT: 9.39 min Scan# 2370

Delta R.T. 0.00 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Instrument :

MSVOA_N

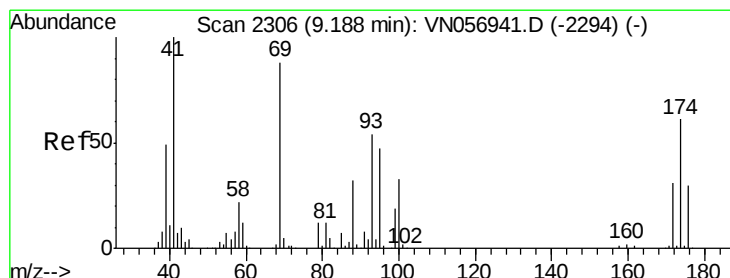
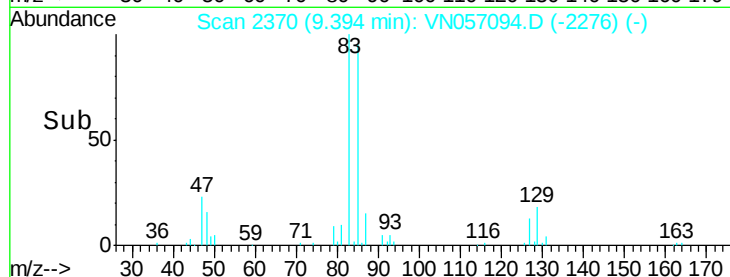
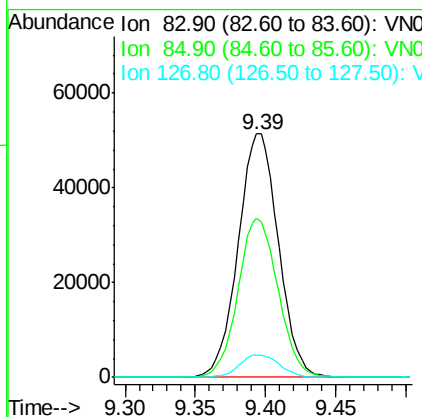
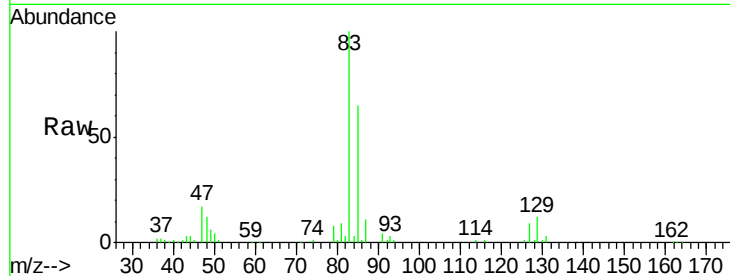
ClientSampled :

VN0806WBSD01

Tot Ion:	83	Resp:	102642
Ion Ratio	Lower	Upper	
83	100		
85	65.3	51.6	77.4
127	9.2	7.3	10.9

Manual Integrations
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#48

Methyl methacrylate

Concen: 19.831 ug/l

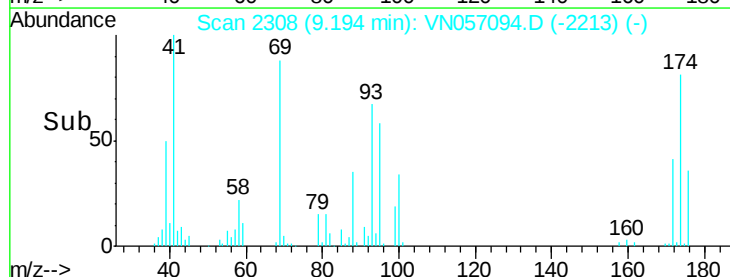
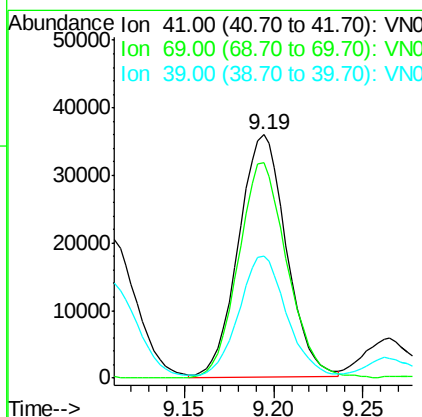
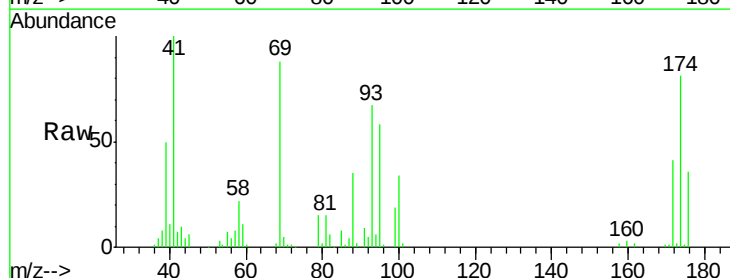
RT: 9.19 min Scan# 2308

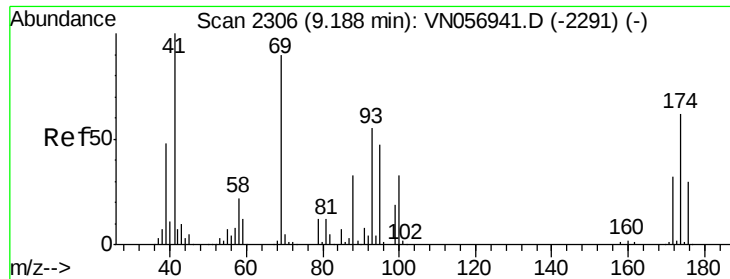
Delta R.T. 0.01 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Tgt Ion:	41	Resp:	67444
Ion Ratio	Lower	Upper	
41	100		
69	90.4	73.4	110.0
39	51.0	39.9	59.9





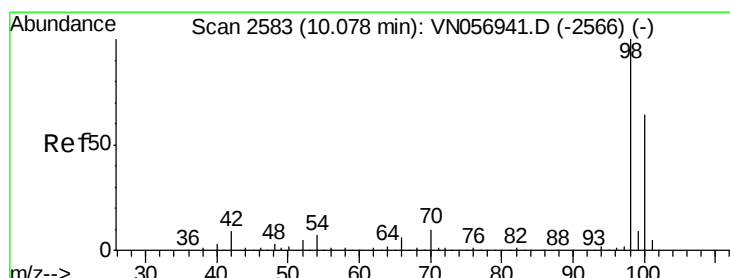
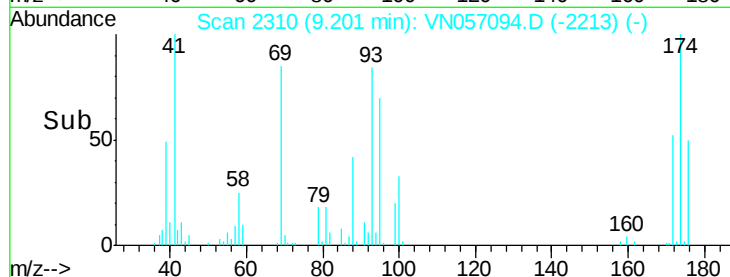
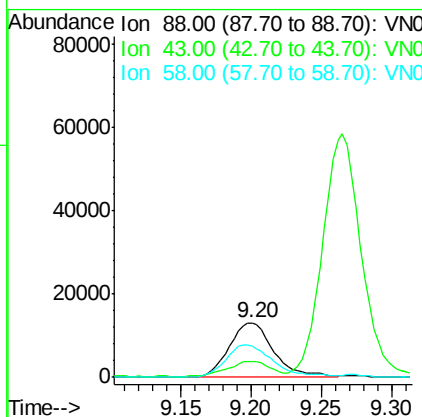
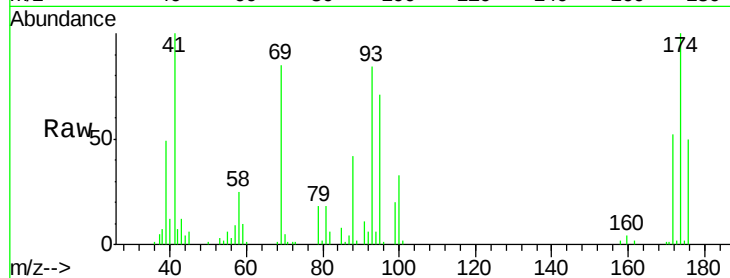
#49
1,4-Dioxane
Concen: 416.706 ug/l
RT: 9.20 min Scan# 2310
Delta R.T. 0.01 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Instrument :
MSVOA_N
ClientSampled :
VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
88	100		
43	26.6	22.2	33.2
58	63.1	54.1	81.1

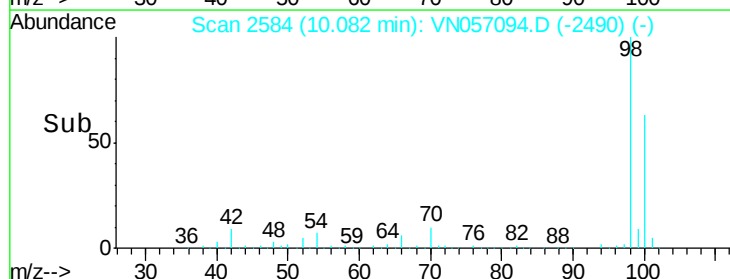
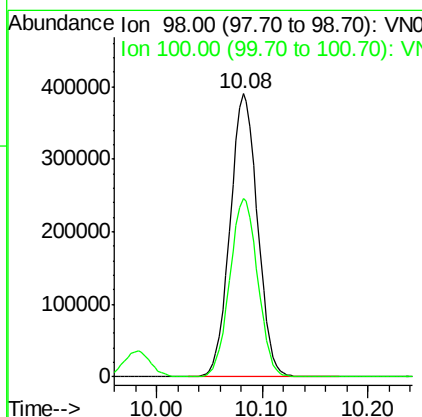
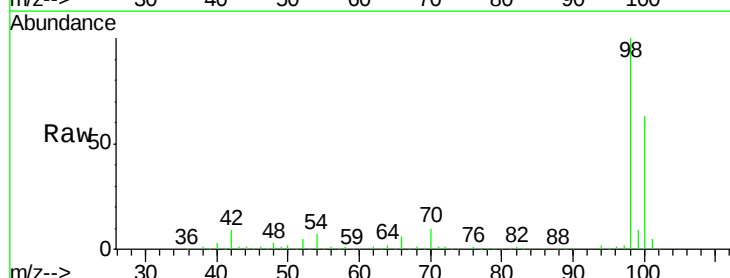
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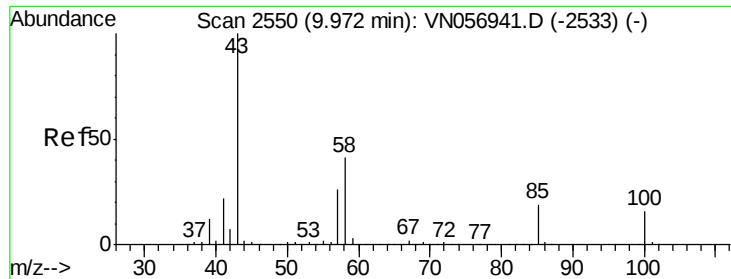
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#50
Toluene-d8
Concen: 47.643 ug/l
RT: 10.08 min Scan# 2584
Delta R.T. 0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Tgt Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.3	76.9





#51

4-Methyl-2-Pentanone

Concen: 95.016 ug/l

RT: 9.98 min Scan# 2552

Delta R.T. 0.01 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Instrument :

MSVOA_N

ClientSampled :

VN0806WBSD01

Tot Ion: 43 Resp: 397680

Ion Ratio Lower Upper

43 100

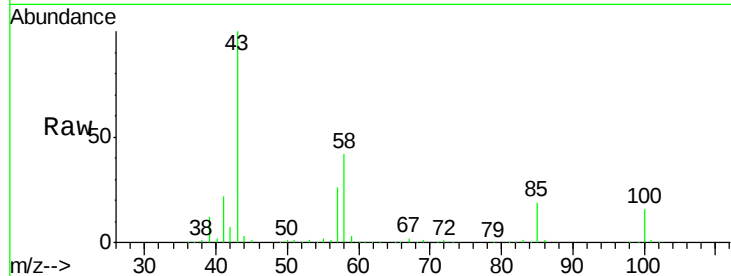
58 41.2 33.1 49.7

Manual Integrations

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Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 58.00 (57.70 to 58.70): VN0

9.98

250000

200000

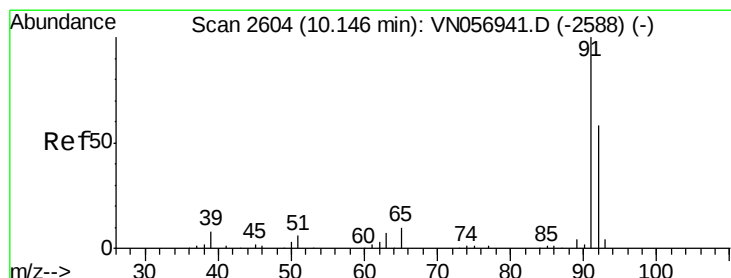
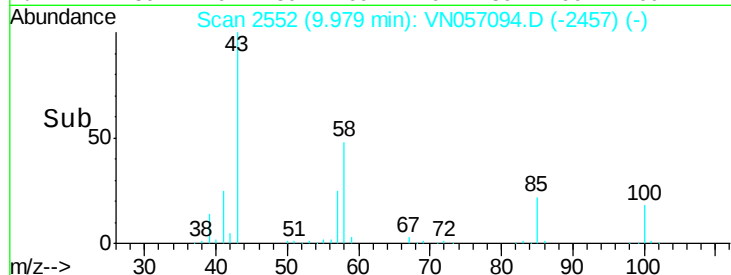
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.814 ug/l

RT: 10.15 min Scan# 2604

Delta R.T. -0.00 min

Lab File: VN057094.D

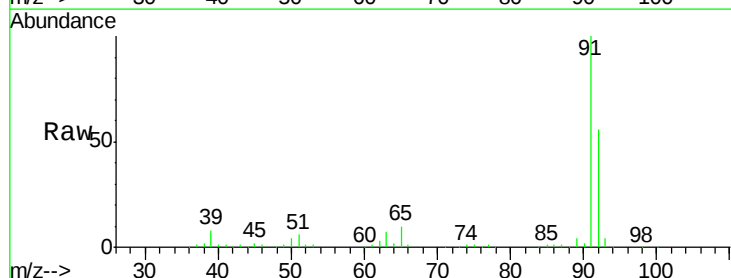
Acq: 6 Aug 2019 11:38

Tgt Ion: 92 Resp: 195110

Ion Ratio Lower Upper

92 100

91 176.5 138.0 207.0



Abundance Ion 92.00 (91.70 to 92.70): VN0

Ion 91.00 (90.70 to 91.70): VN0

10.15

200000

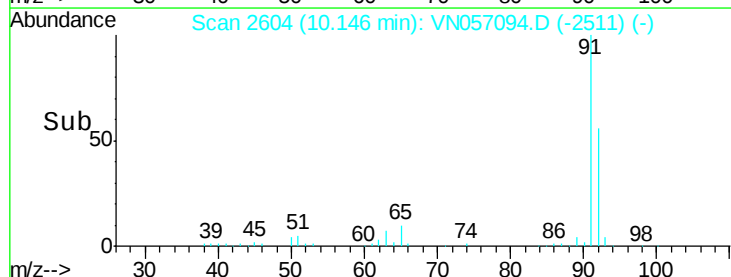
150000

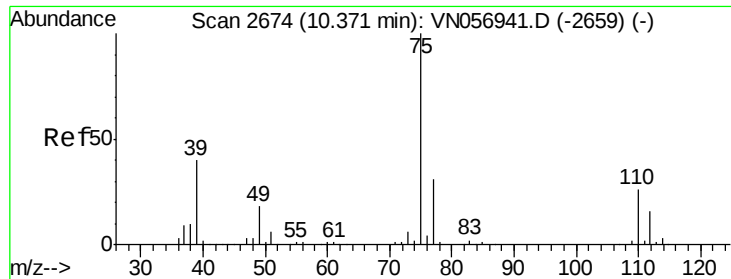
100000

50000

0

Time-->





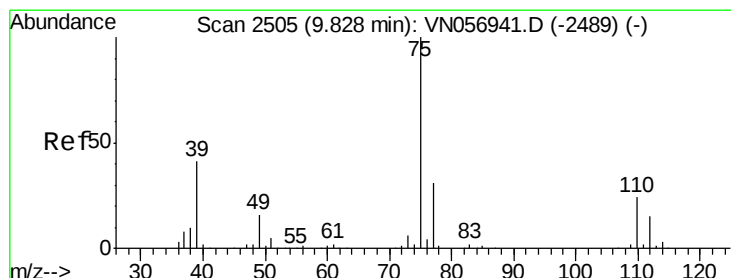
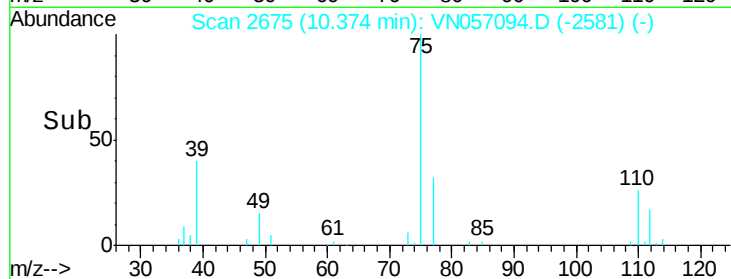
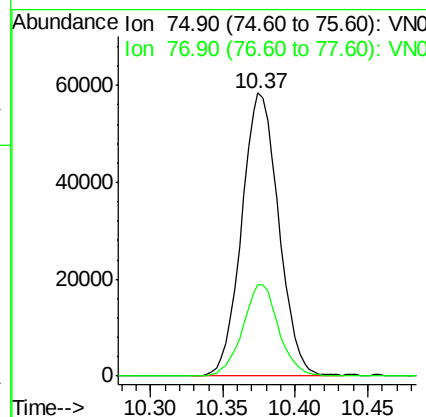
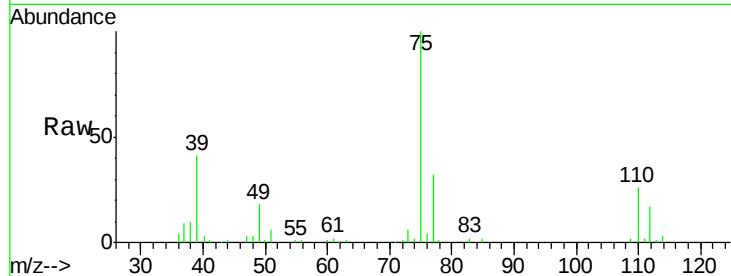
#53
t-1,3-Dichloropropene
Concen: 19.232 ug/l
RT: 10.37 min Scan# 2675
Delta R.T. 0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Instrument :
MSVOA_N
ClientSampled :
VN0806WBSD01

Tot Ion: 75 Resp: 103739
Ion Ratio Lower Upper
75 100
77 32.5 25.1 37.7

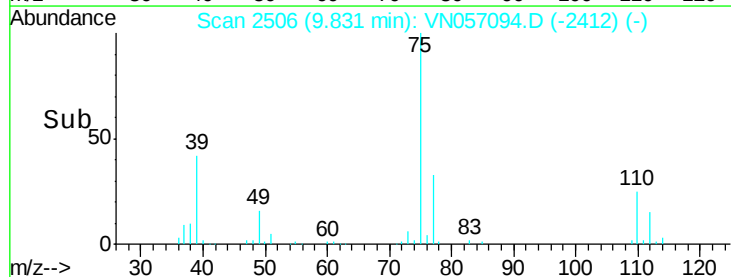
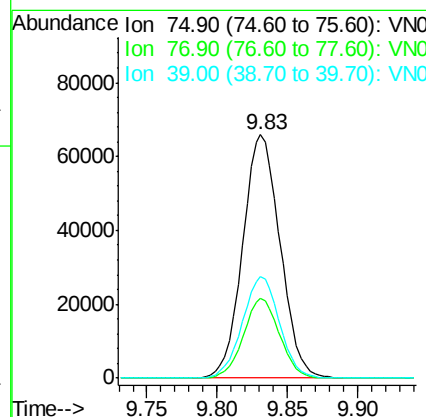
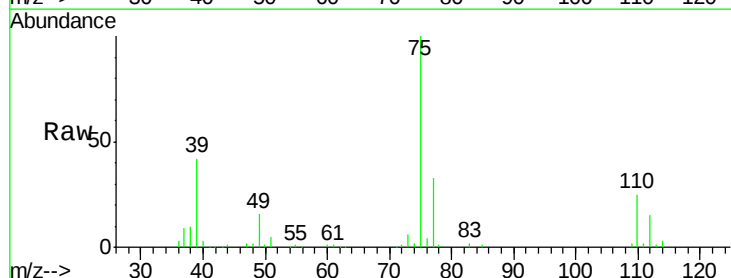
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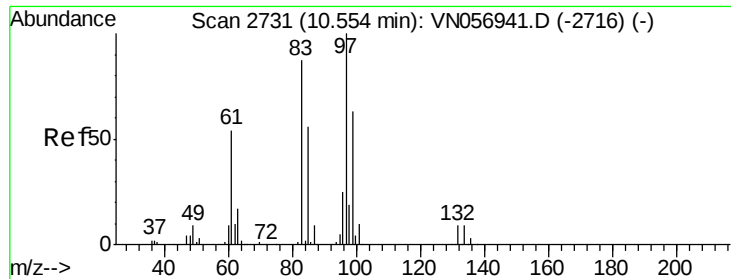
MMdadoda
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#54
cis-1,3-Dichloropropene
Concen: 19.551 ug/l
RT: 9.83 min Scan# 2506
Delta R.T. 0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Tgt Ion: 75 Resp: 122620
Ion Ratio Lower Upper
75 100
77 32.9 25.0 37.6
39 41.9 32.6 49.0





#55

1,1,2-Trichloroethane

Concen: 20.232 ug/l

RT: 10.56 min Scan# 2732

Delta R.T. 0.00 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Instrument :

MSVOA_N

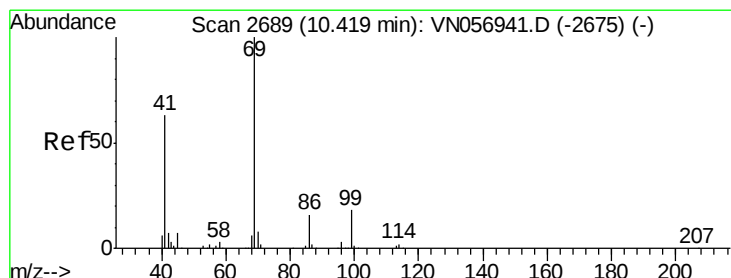
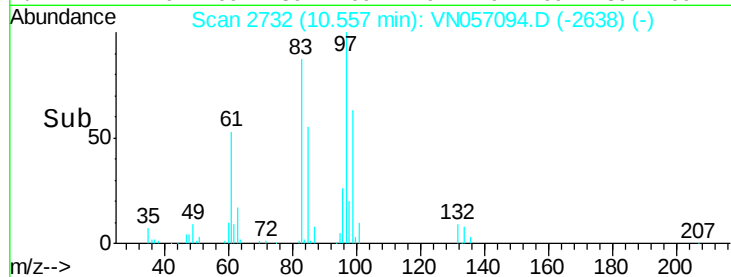
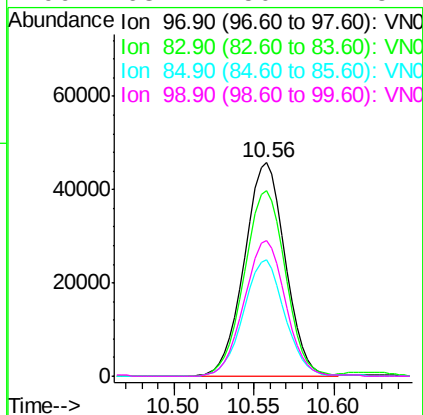
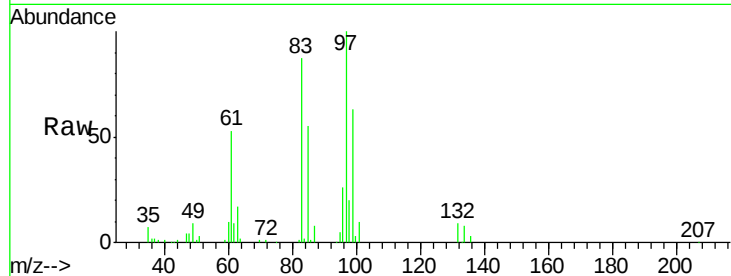
ClientSampled :

VN0806WBSD01

Tot Ion:	97	Resp:	79898
Ion	Ratio	Lower	Upper
97	100		
83	87.1	69.4	104.0
85	54.5	44.7	67.1
99	63.4	50.1	75.1

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#56

Ethyl methacrylate

Concen: 18.801 ug/l

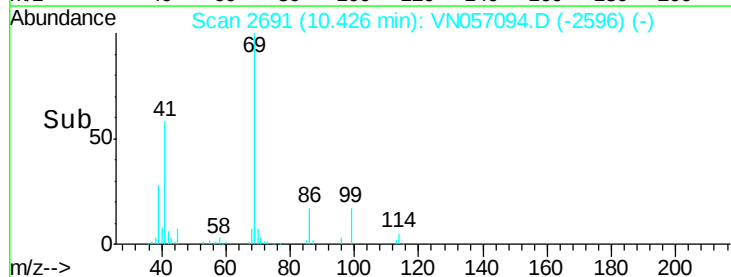
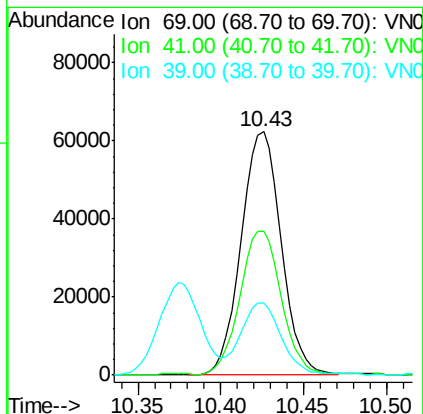
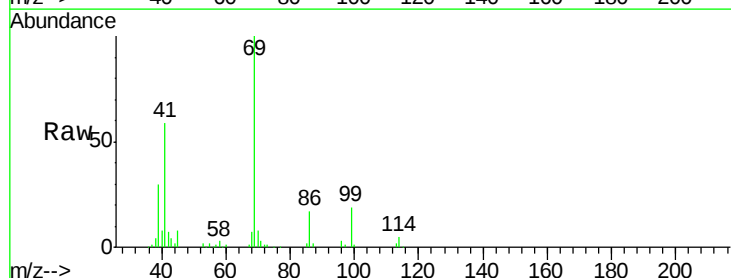
RT: 10.43 min Scan# 2691

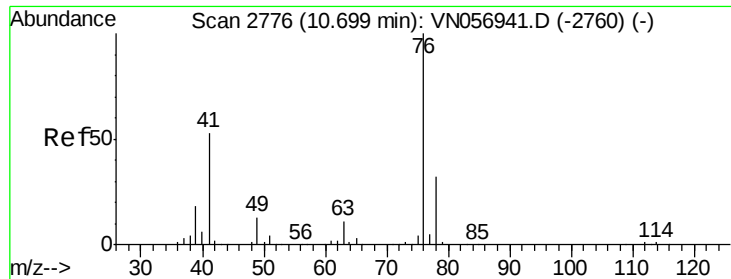
Delta R.T. 0.01 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Tgt Ion:	69	Resp:	105332
Ion	Ratio	Lower	Upper
69	100		
41	60.1	49.2	73.8
39	30.7	23.1	34.7





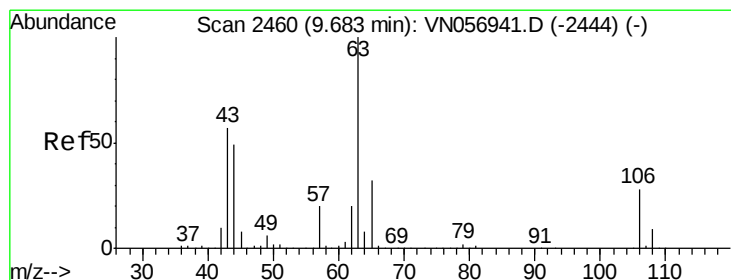
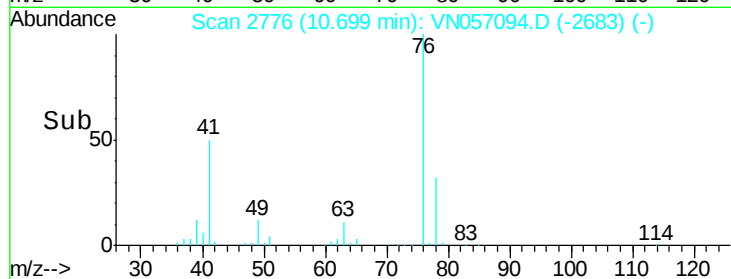
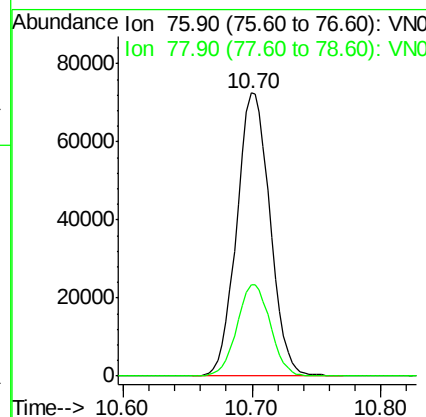
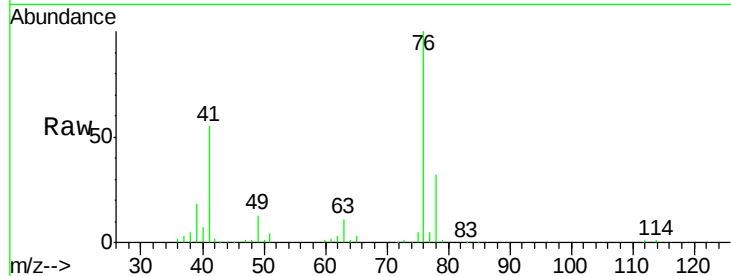
#57
 1,3-Dichloropropane
 Concen: 19.855 ug/l
 RT: 10.70 min Scan# 2776
 Delta R.T. -0.00 min
 Lab File: VN057094.D
 Acq: 6 Aug 2019 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
76	100		
78	32.3	25.9	38.9

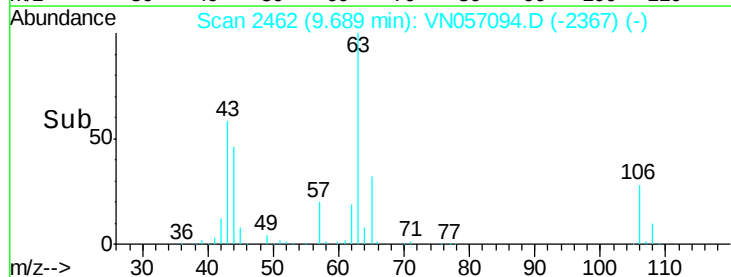
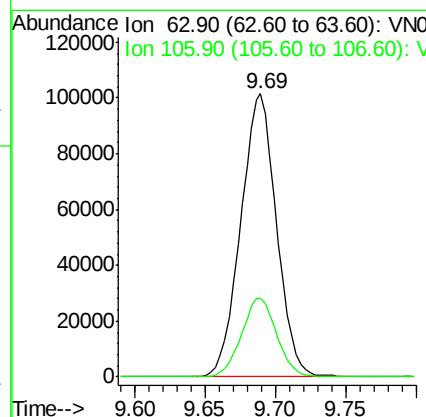
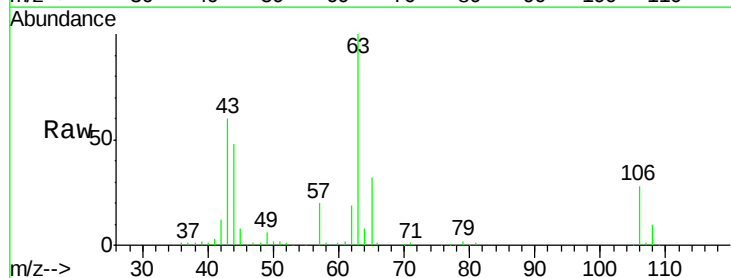
Manual Integrations
 APPROVED

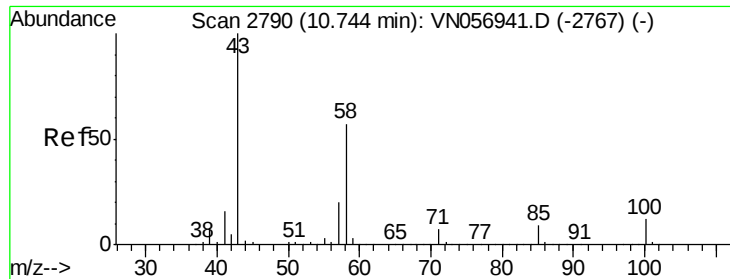
MMDadoda
 8/9/2019 12:51:34 AM



#58
 2-Chloroethyl Vinyl ether
 Concen: 75.960 ug/l
 RT: 9.69 min Scan# 2462
 Delta R.T. 0.01 min
 Lab File: VN057094.D
 Acq: 6 Aug 2019 11:38

Tgt Ion	Ratio	Lower	Upper
63	100		
106	27.5	22.0	33.0





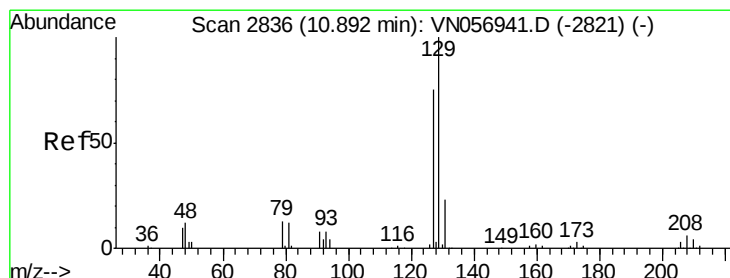
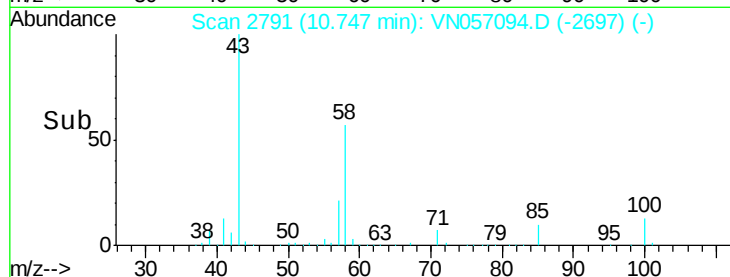
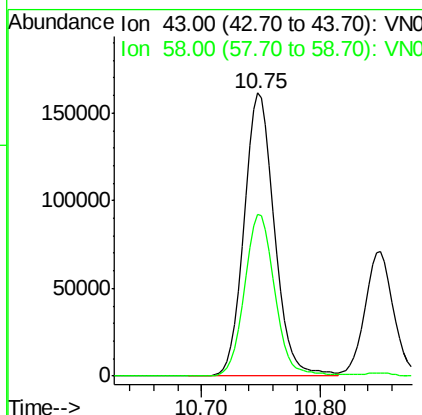
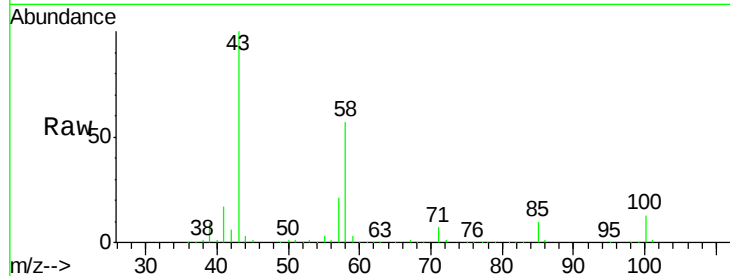
#59
2-Hexanone
Concen: 90.200 ug/l
RT: 10.75 min Scan# 2791
Delta R.T. 0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Instrument :
MSVOA_N
ClientSampled :
VN0806WBSD01

Tot Ion	43	58	Ratio	Lower	Upper
28526	100	56.8		28.5	85.5

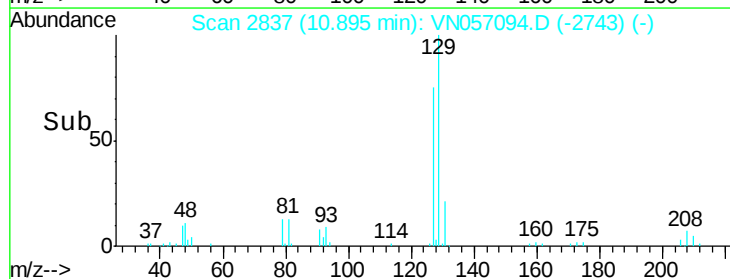
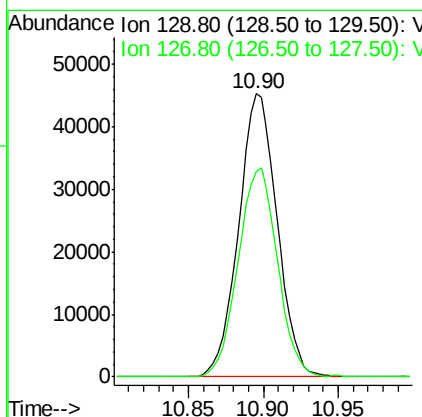
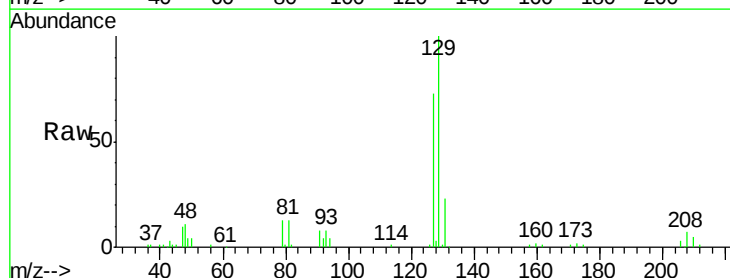
Manual Integrations
APPROVED

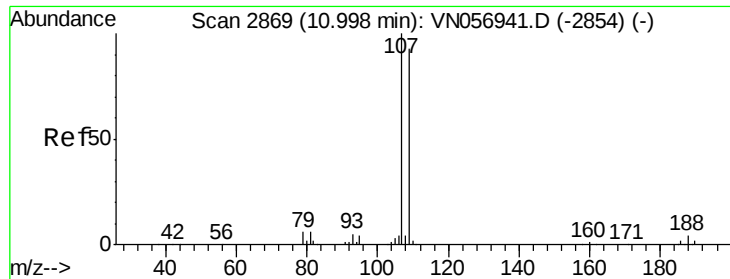
MMDadoda
8/9/2019 12:51:34 AM



#60
Dibromochloromethane
Concen: 20.046 ug/l
RT: 10.90 min Scan# 2837
Delta R.T. 0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Tgt Ion	129	127	Ratio	Lower	Upper
81103	100	75.4		38.0	113.9





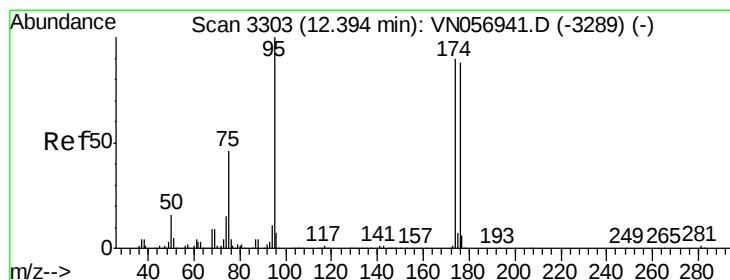
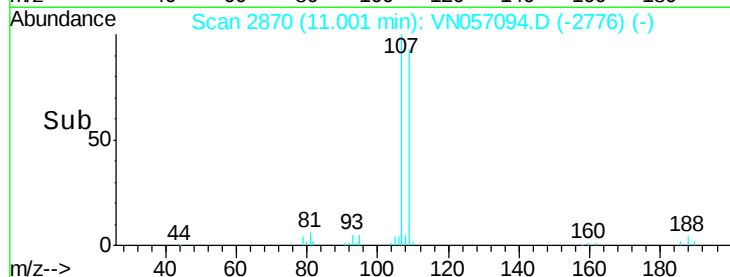
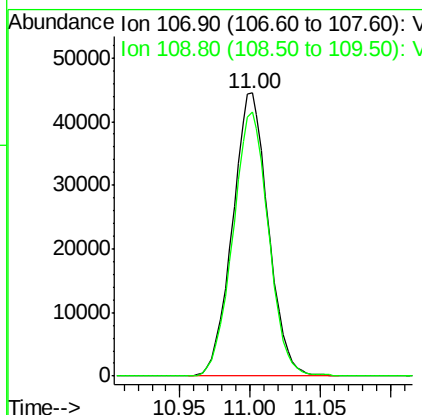
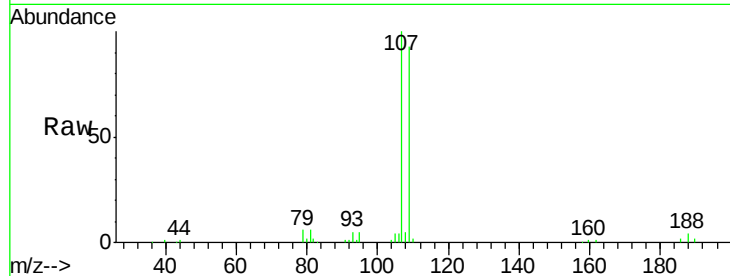
#61
1,2-Dibromoethane
Concen: 20.465 ug/l
RT: 11.00 min Scan# 2870
Delta R.T. 0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
107	100		
109	93.0	76.0	114.0

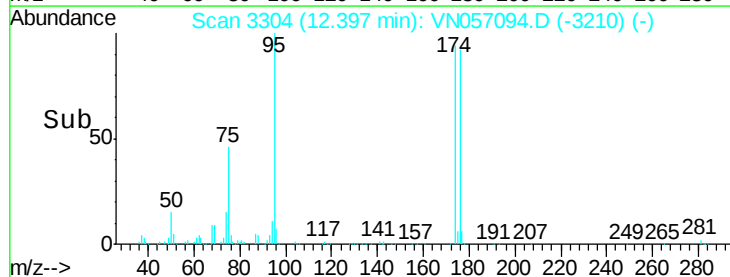
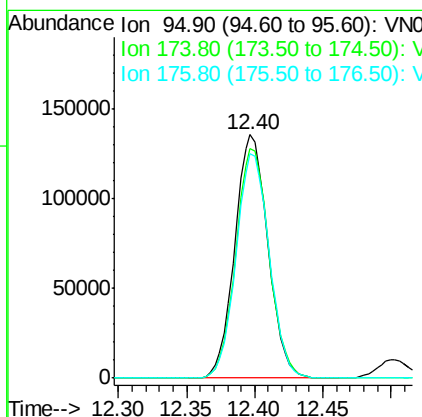
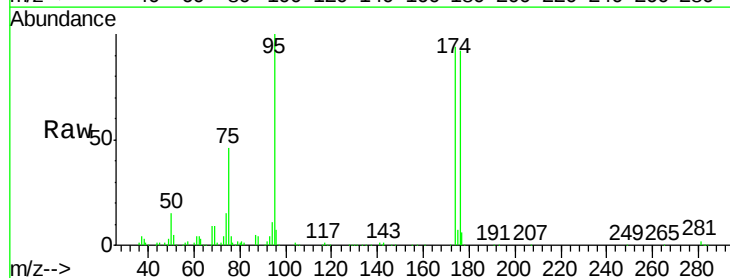
Manual Integrations
APPROVED

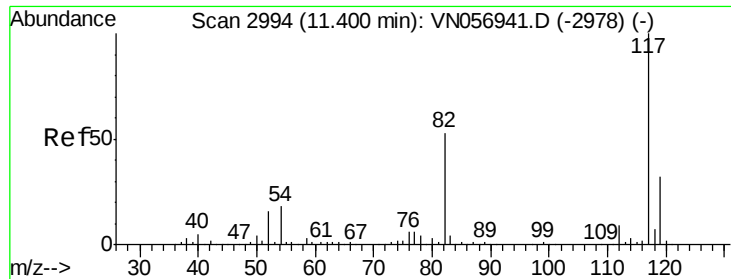
MMdadoda
8/9/2019 12:51:34 AM



#62
4-Bromofluorobenzene
Concen: 47.564 ug/l
RT: 12.40 min Scan# 3304
Delta R.T. 0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Tgt Ion	Ratio	Lower	Upper
95	100		
174	94.7	0.0	182.2
176	92.5	0.0	179.4





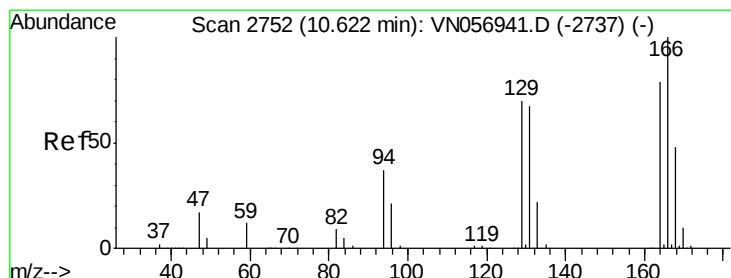
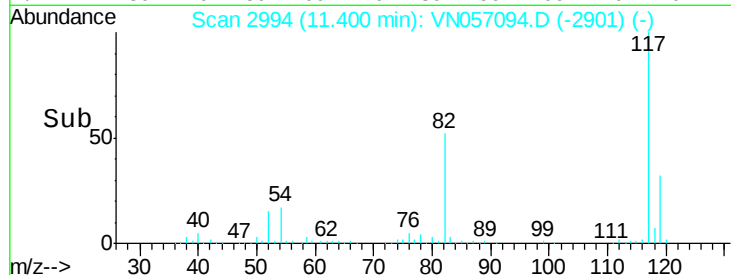
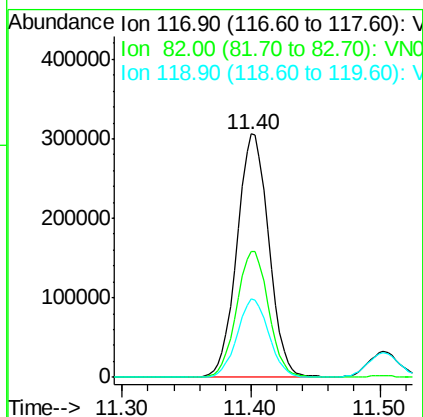
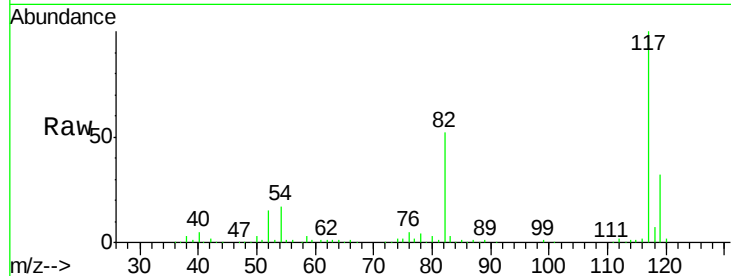
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.40 min Scan# 2994
Delta R.T. -0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Instrument :
MSVOA_N
ClientSampled :
VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	42.2	63.4
119	32.0	25.8	38.6

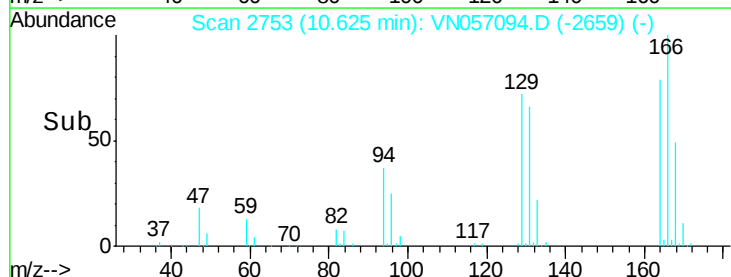
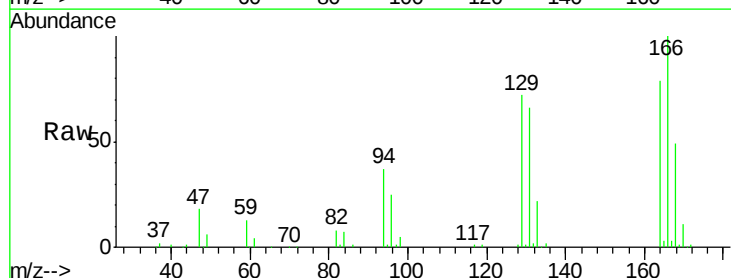
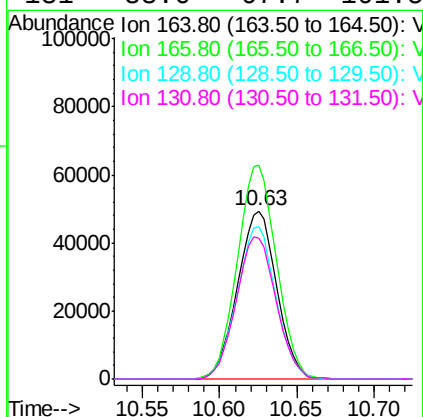
Manual Integrations
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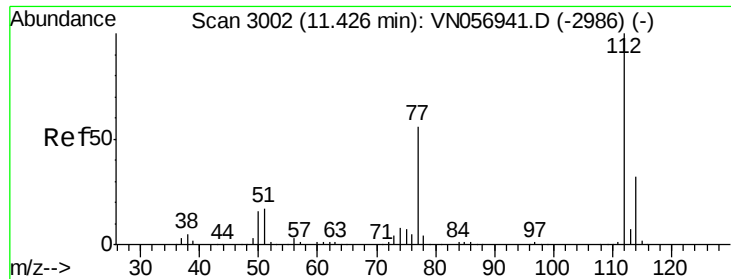
MMdadoda
8/9/2019 12:51:34 AM



#64
Tetrachloroethene
Concen: 19.116 ug/l
RT: 10.63 min Scan# 2753
Delta R.T. 0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Tgt Ion	Ratio	Lower	Upper
164	100		
166	126.9	101.1	151.7
129	90.8	70.9	106.3
131	83.6	67.7	101.5





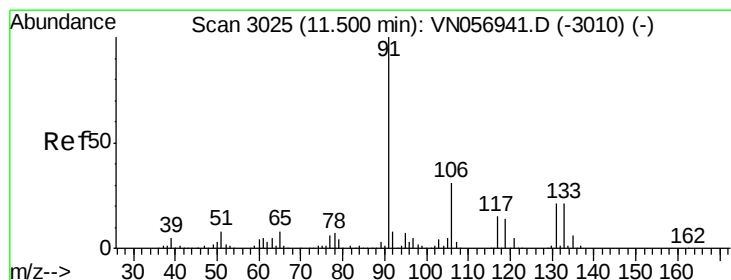
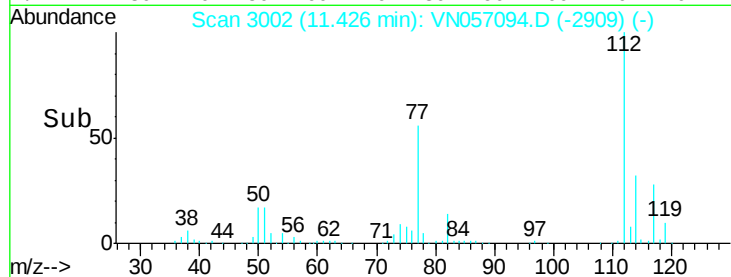
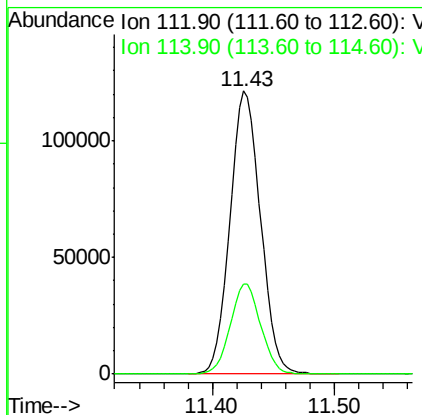
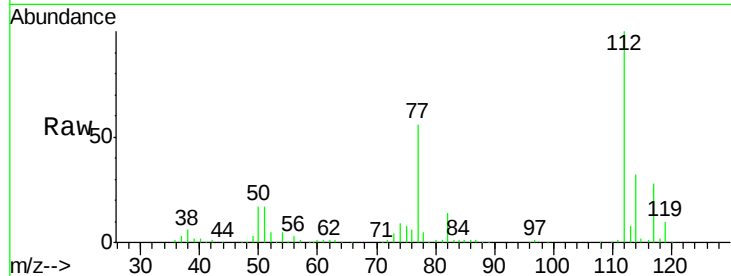
#65
Chlorobenzene
Concen: 19.717 ug/l
RT: 11.43 min Scan# 3002
Delta R.T. -0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Instrument :
MSVOA_N
ClientSampled :
VN0806WBSD01

Tot Ion:112 Resp: 211490
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0

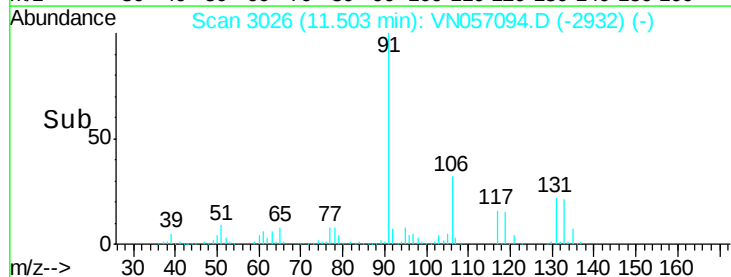
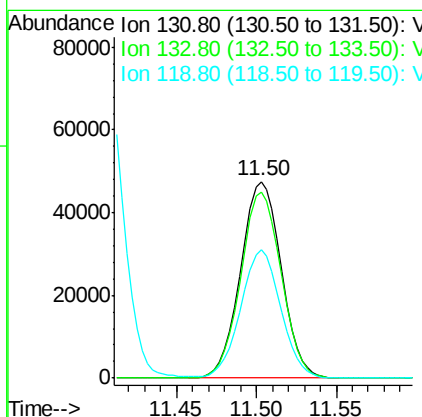
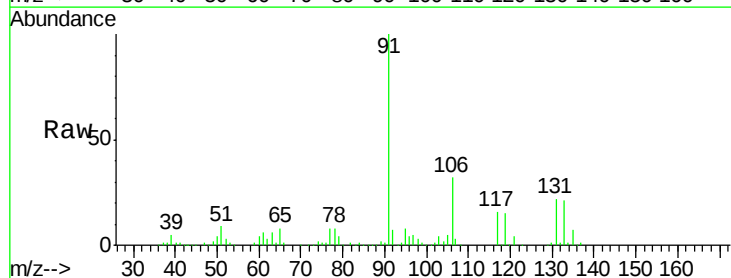
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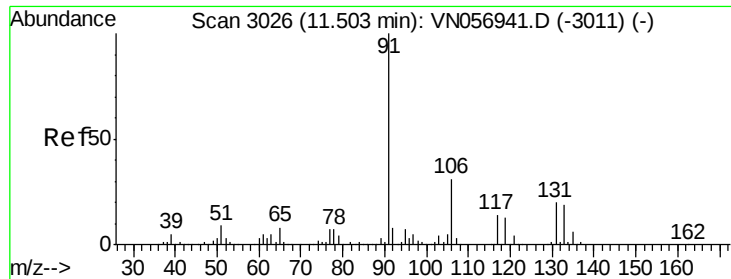
MMdadoda
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#66
1,1,1,2-Tetrachloroethane
Concen: 20.399 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Tgt Ion:131 Resp: 82354
Ion Ratio Lower Upper
131 100
133 94.4 48.0 144.0
119 64.5 33.2 99.6





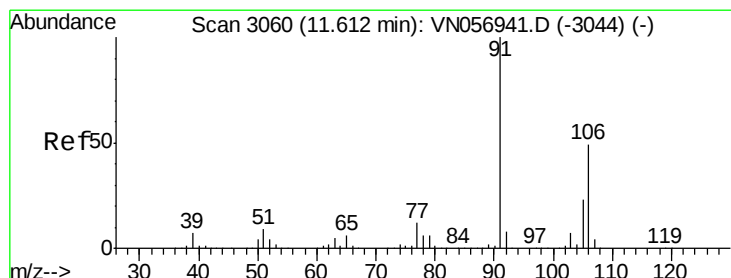
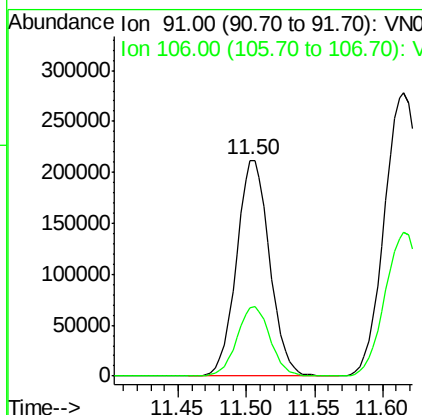
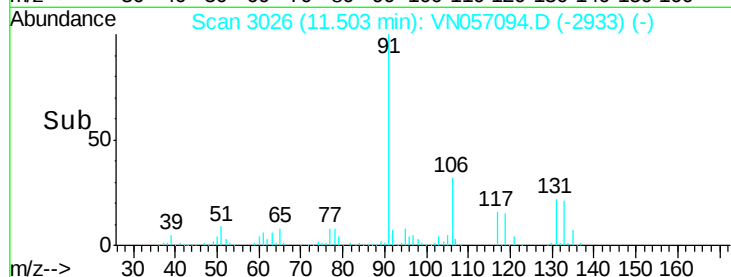
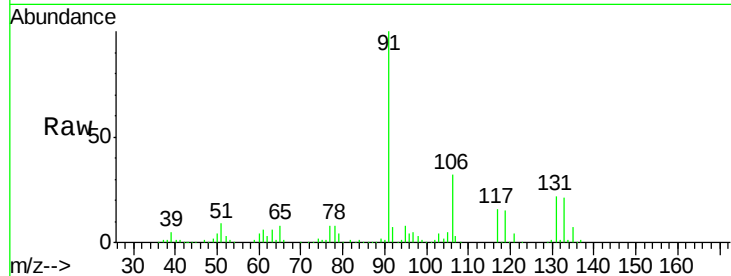
#67
Ethyl Benzene
Concen: 19.209 ug/l
RT: 11.50 min Scan# 3026
Delta R.T. -0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

Tot Ion: 91 Resp: 356099
Ion Ratio Lower Upper
91 100
106 31.6 25.1 37.7

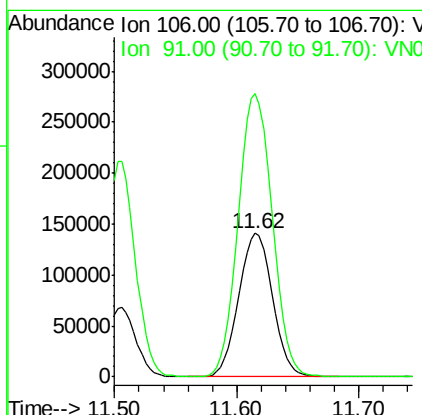
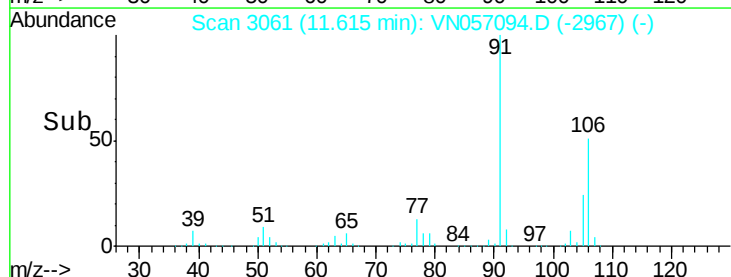
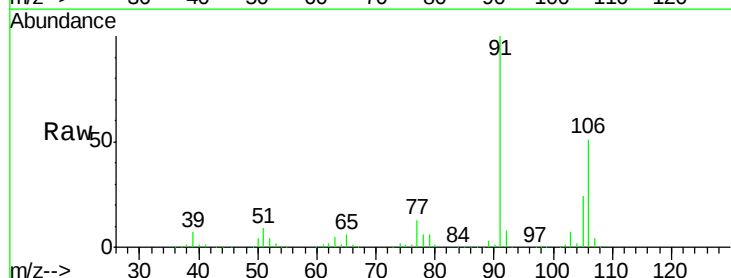
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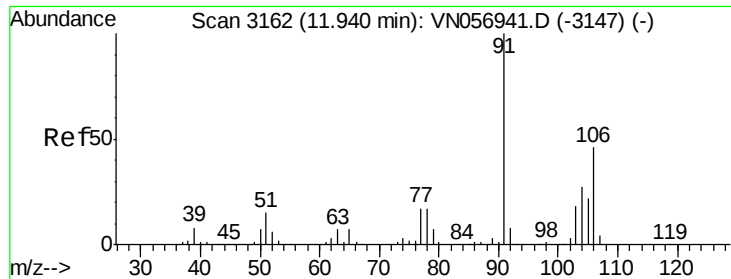
MMDadoda
8/9/2019 12:51:34 AM



#68
m/p-Xylenes
Concen: 39.377 ug/l
RT: 11.62 min Scan# 3061
Delta R.T. 0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Tgt Ion: 106 Resp: 269410
Ion Ratio Lower Upper
106 100
91 199.4 160.0 240.0





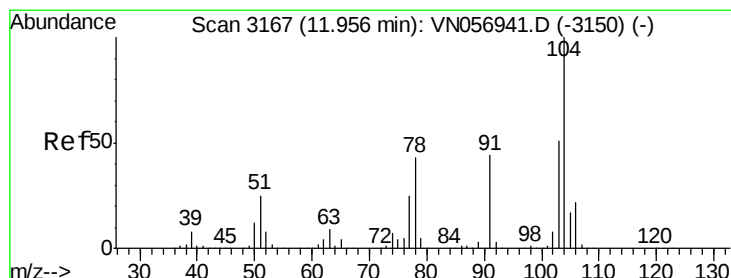
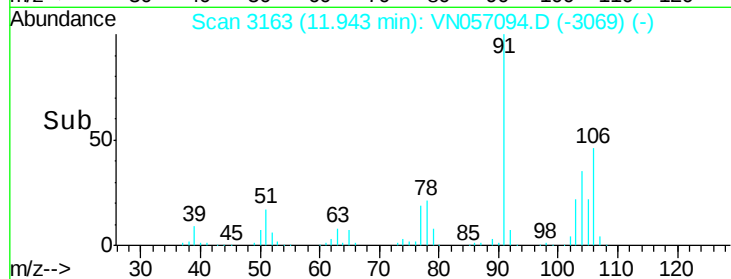
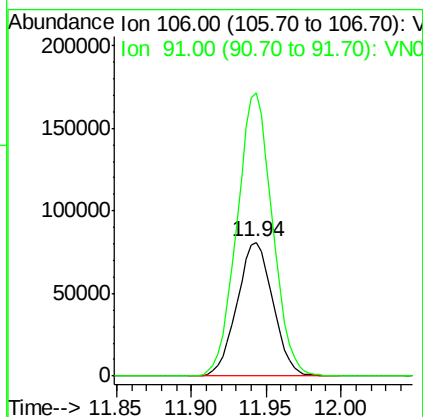
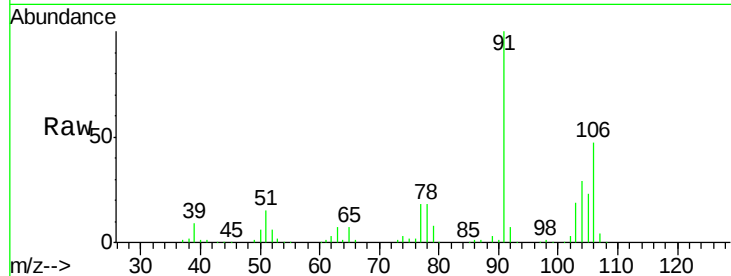
#69
o-Xylene
Concen: 20.225 ug/l
RT: 11.94 min Scan# 3163
Delta R.T. 0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Instrument :
MSVOA_N
ClientSampled :
VN0806WBSD01

Tot Ion:106 Resp: 135377
Ion Ratio Lower Upper
106 100
91 209.2 106.2 318.6

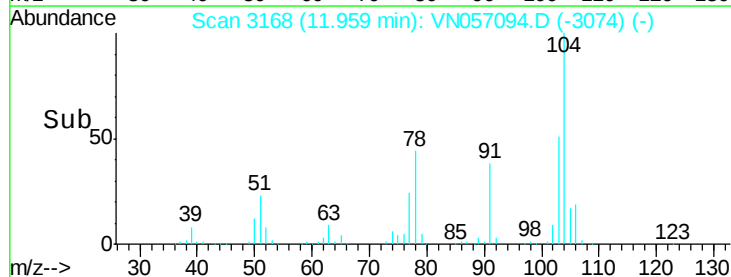
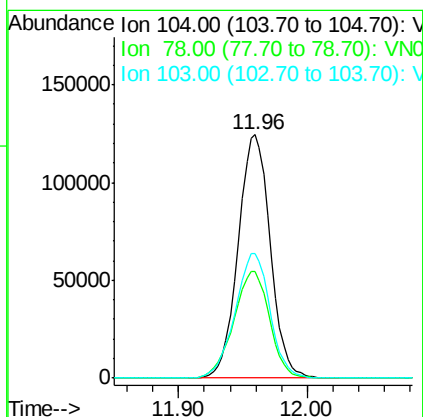
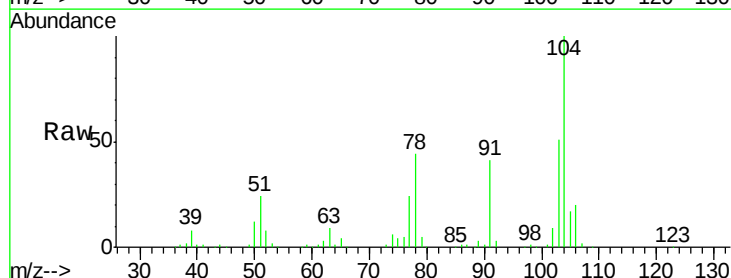
Manual Integrations
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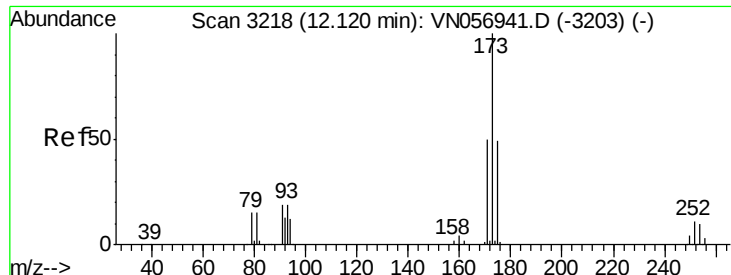
MMdadoda
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#70
Styrene
Concen: 19.428 ug/l
RT: 11.96 min Scan# 3168
Delta R.T. 0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Tgt Ion:104 Resp: 215828
Ion Ratio Lower Upper
104 100
78 49.0 38.1 57.1
103 55.6 44.3 66.5





#71

Bromoform

Concen: 20.409 ug/l

RT: 12.12 min Scan# 3219

Delta R.T. 0.00 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Instrument :

MSVOA_N

ClientSampled :

VN0806WBSD01

Tot Ion:173 Resp: 57526

Ion Ratio Lower Upper

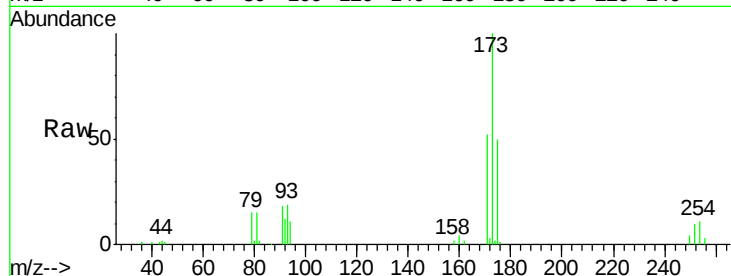
173 100

175 49.0 24.1 72.4

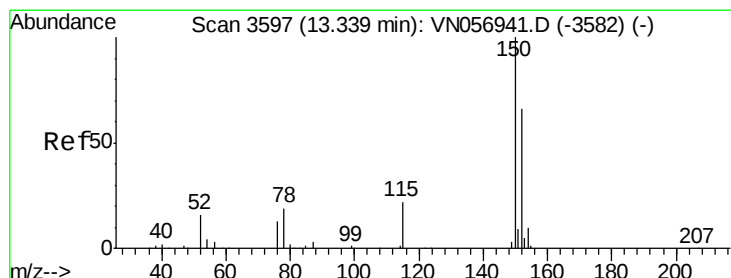
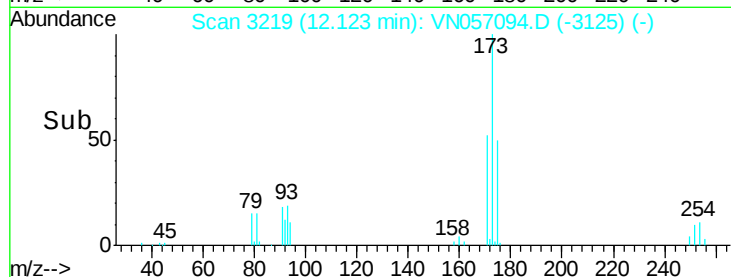
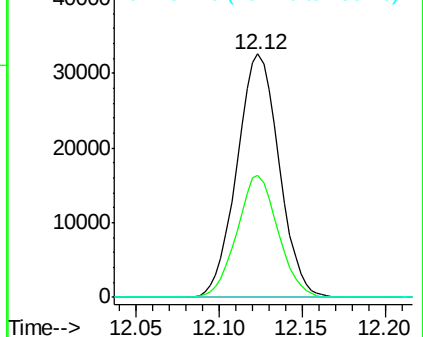
254 0.0 0.1 0.1#

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Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.34 min Scan# 3598

Delta R.T. 0.00 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

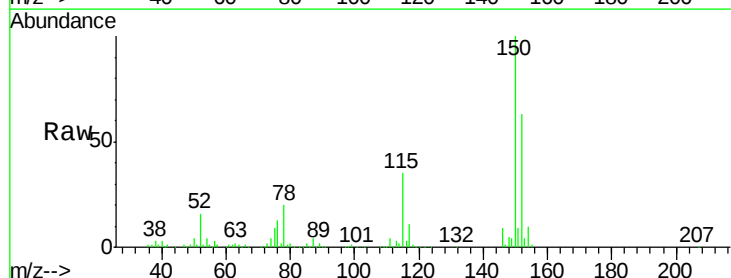
Tgt Ion:152 Resp: 214288

Ion Ratio Lower Upper

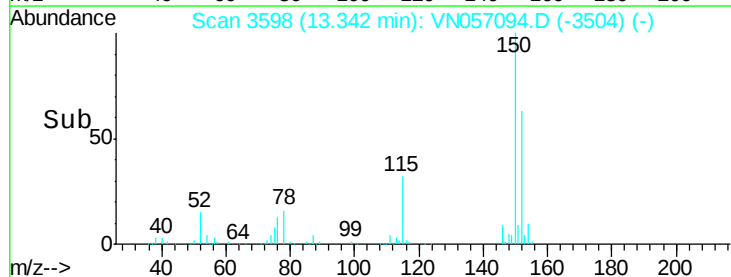
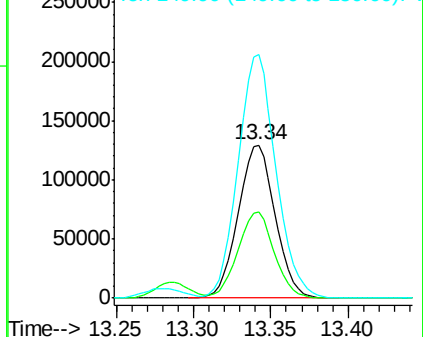
152 100

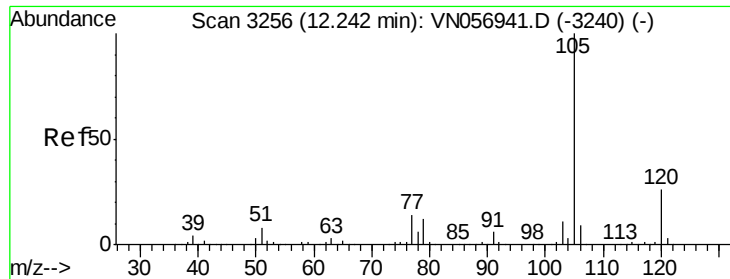
115 55.1 28.2 84.6

150 163.6 0.0 349.4



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 19.121 ug/l

RT: 12.25 min Scan# 3257

Delta R.T. 0.00 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Instrument :

MSVOA_N

ClientSampleID :

VN0806WBSD01

Tot Ion: 105 Resp: 354117

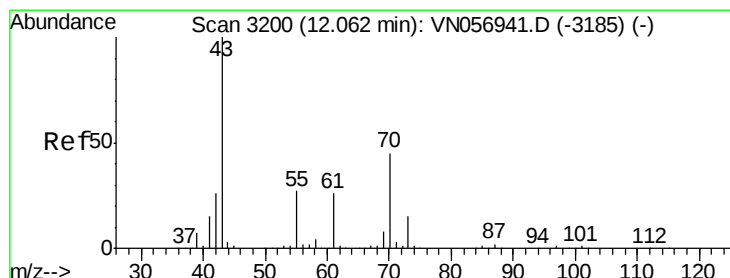
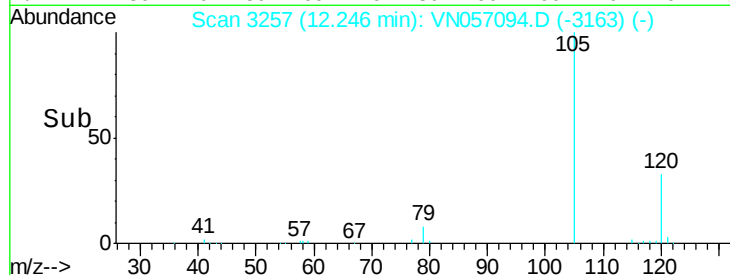
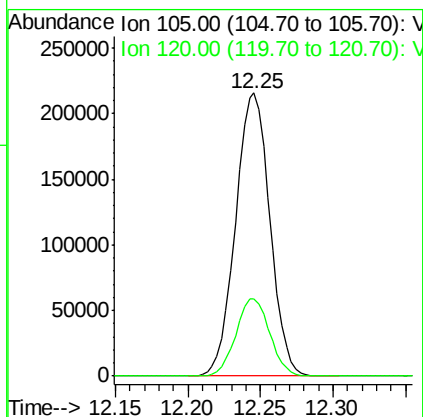
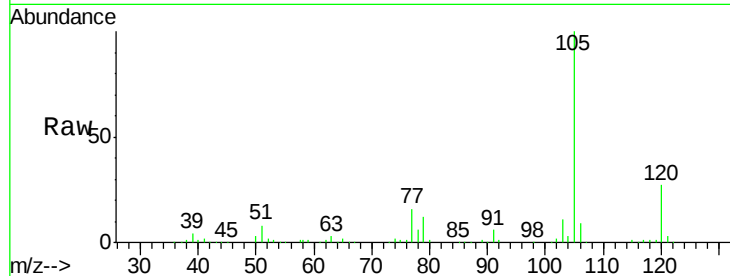
Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.5

Manual Integrations
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#74

N-ethyl acetate

Concen: 20.420 ug/l

RT: 12.07 min Scan# 3201

Delta R.T. 0.00 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Tgt Ion: 43 Resp: 109806

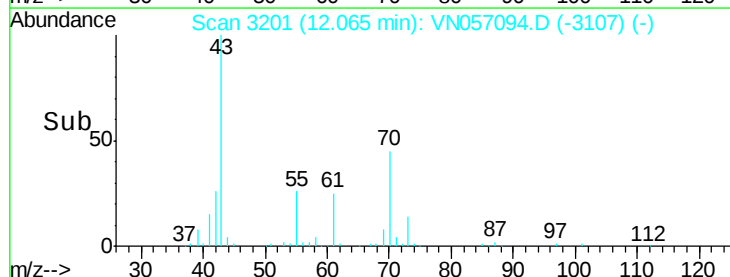
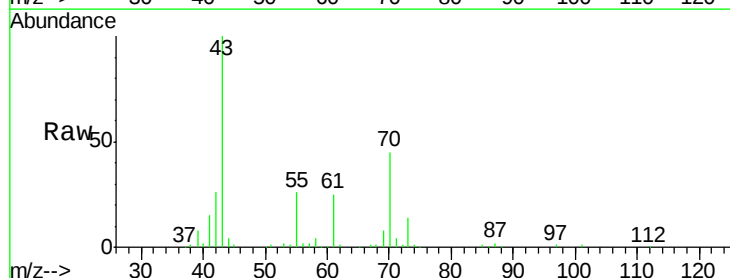
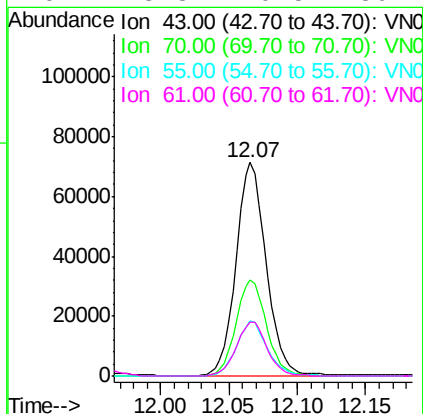
Ion Ratio Lower Upper

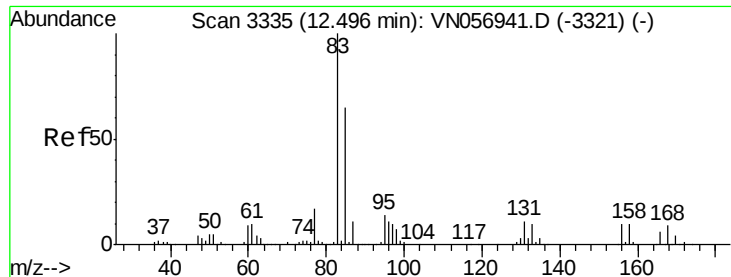
43 100

70 45.4 36.5 54.7

55 26.1 21.4 32.0

61 25.8 20.5 30.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.881 ug/l

RT: 12.50 min Scan# 3336

Delta R.T. 0.00 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Instrument :

MSVOA_N

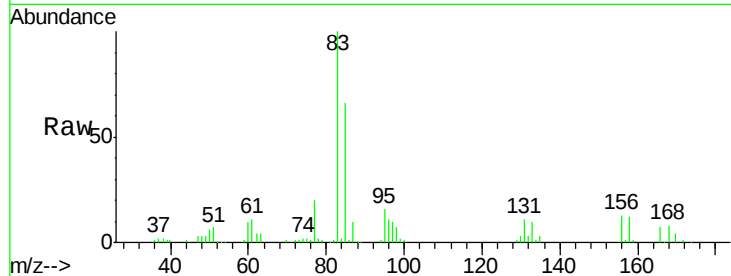
ClientSampleId :

VN0806WBSD01

Tot Ion:	83	Resp:	109149
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.3	16.1
85	64.2	32.5	97.4

Manual Integrations
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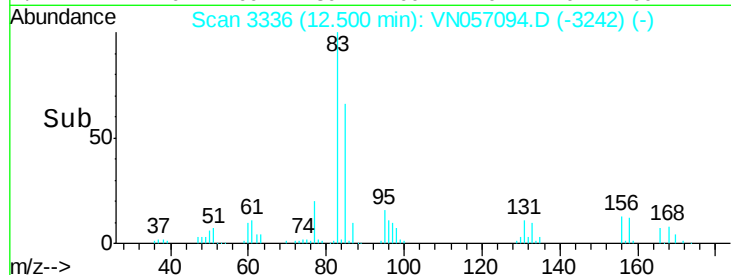
Abundance Ion 82.90 (82.60 to 83.60): VN056941.D (-3321) (-)

Ion 130.80 (130.50 to 131.50): VN056941.D (-3321) (-)

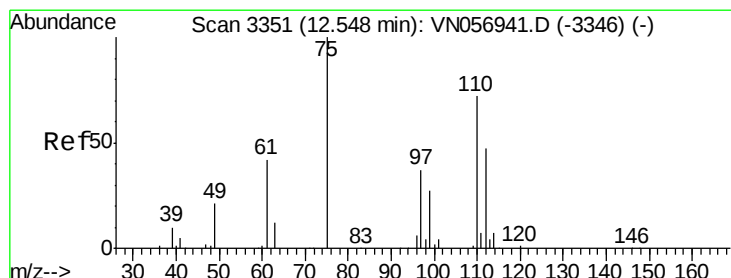
Ion 84.90 (84.60 to 85.60): VN056941.D (-3321) (-)

Time-->

12.45 12.50 12.55



Time-->



#76

1,2,3-Trichloropropane

Concen: 19.924 ug/l m

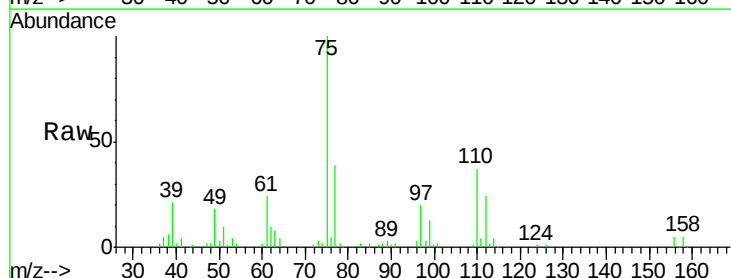
RT: 12.55 min Scan# 3352

Delta R.T. 0.00 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Tgt Ion:	75	Resp:	86705
Ion Ratio	Lower	Upper	
75	100		
77	0.0	0.0	0.0

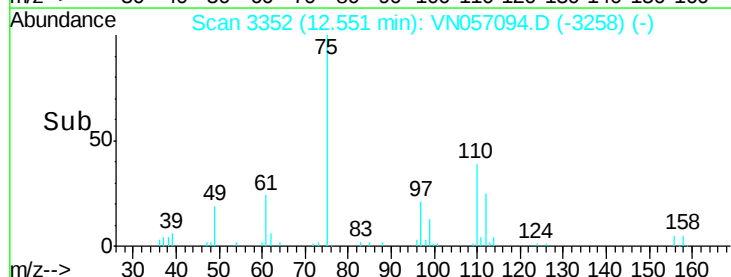


Abundance Ion 74.90 (74.60 to 75.60): VN056941.D (-3346) (-)

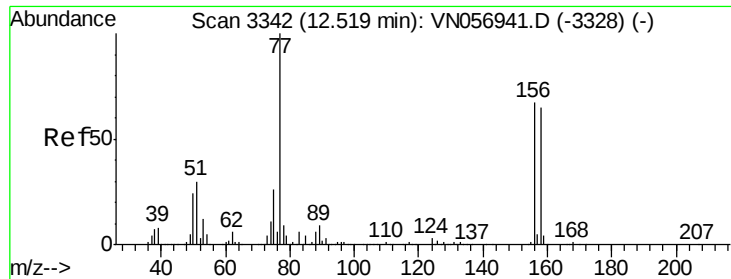
Ion 77.00 (76.70 to 77.70): VN056941.D (-3346) (-)

Time-->

12.52 12.54 12.56 12.58



Time-->



#77

Bromobenzene

Concen: 20.067 ug/l

RT: 12.52 min Scan# 3343

Delta R.T. 0.00 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Instrument :

MSVOA_N

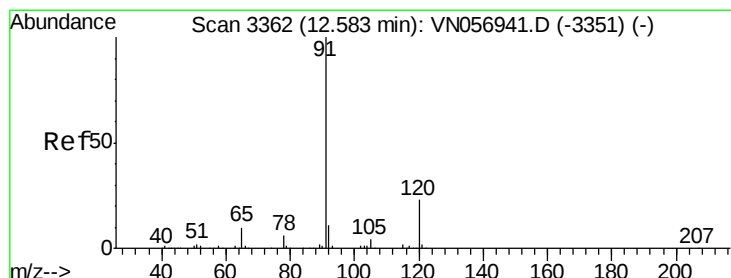
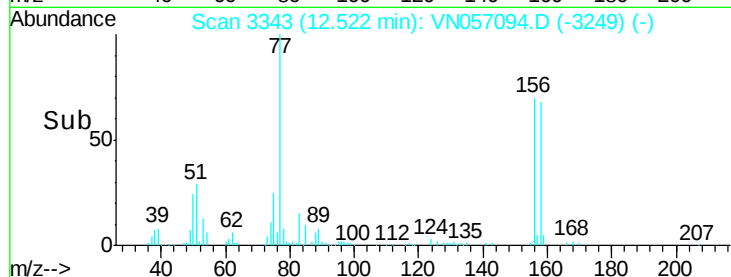
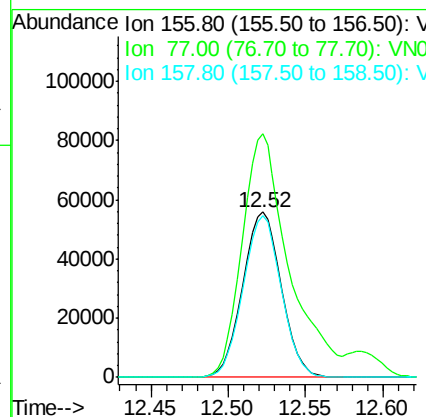
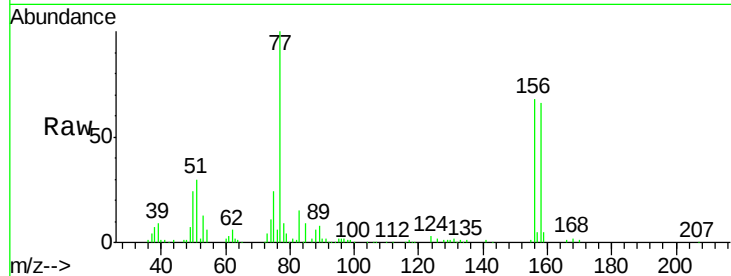
ClientSampled :

VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
156	100		
77	178.7	89.5	268.5
158	96.6	48.4	145.3

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#78

n-propylbenzene

Concen: 18.228 ug/l

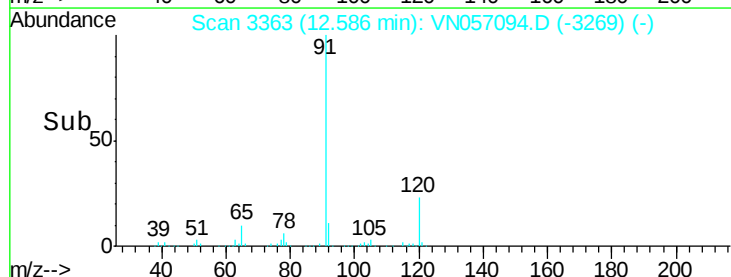
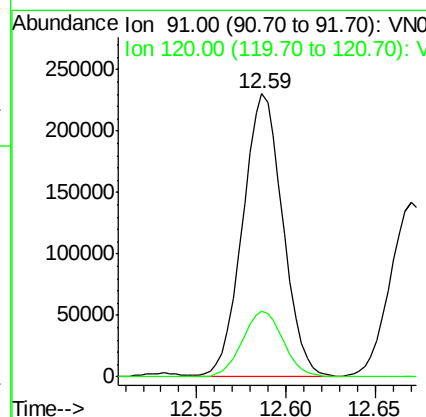
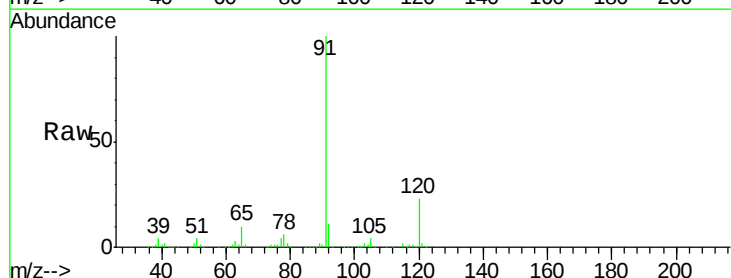
RT: 12.59 min Scan# 3363

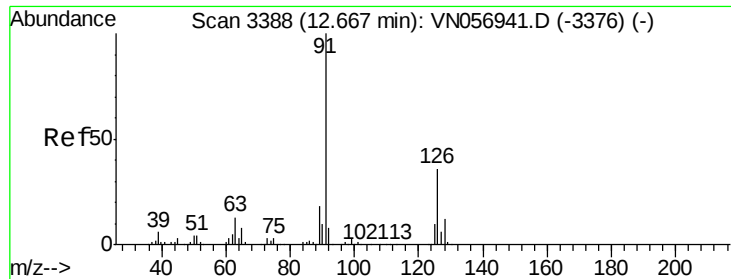
Delta R.T. 0.00 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Tgt Ion	Ratio	Lower	Upper
91	100		
120	23.7	11.8	35.4





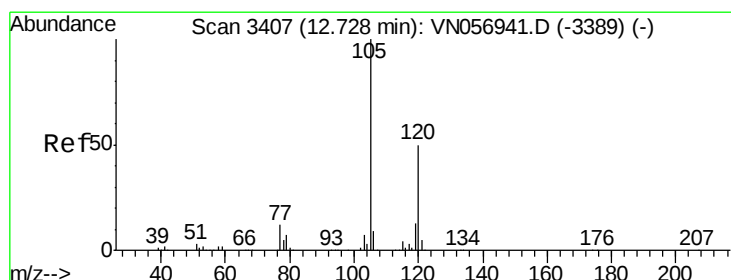
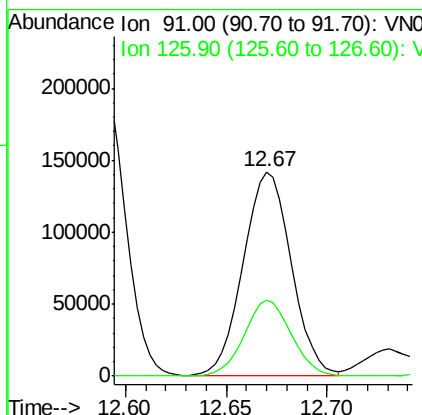
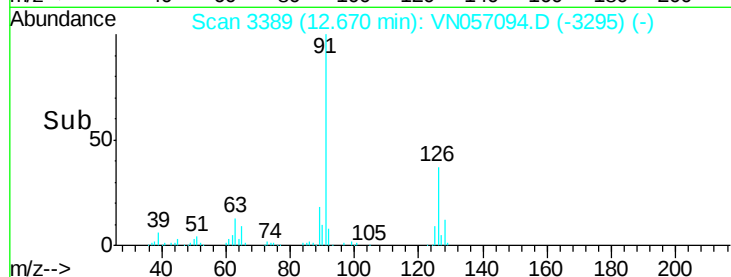
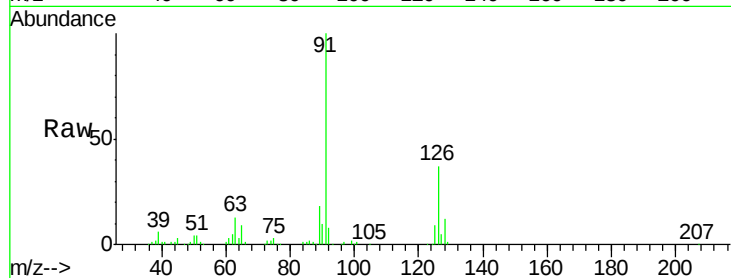
#79
 2-Chlorotoluene
 Concen: 19.381 ug/l
 RT: 12.67 min Scan# 3389
 Delta R.T. 0.00 min
 Lab File: VN057094.D
 Acq: 6 Aug 2019 11:38

Instrument :
 MSVOA_N
 ClientSampled :
 VN0806WBSD01

Tot Ion: 91 Resp: 235983
 Ion Ratio Lower Upper
 91 100
 126 36.7 17.9 53.7

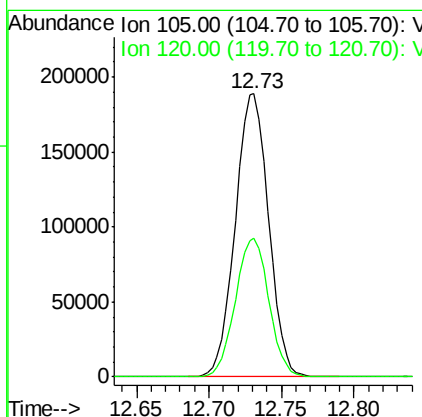
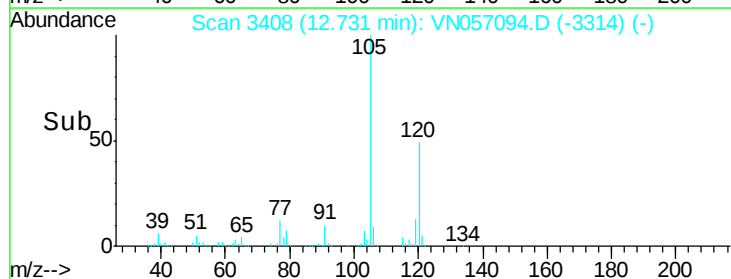
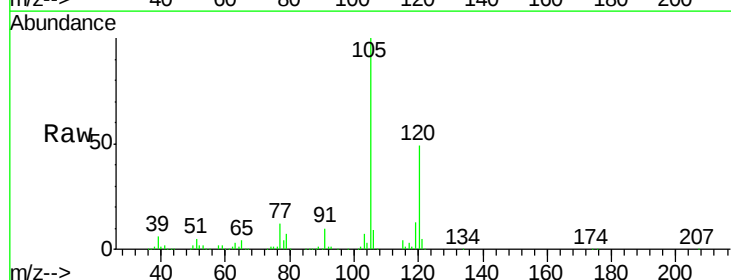
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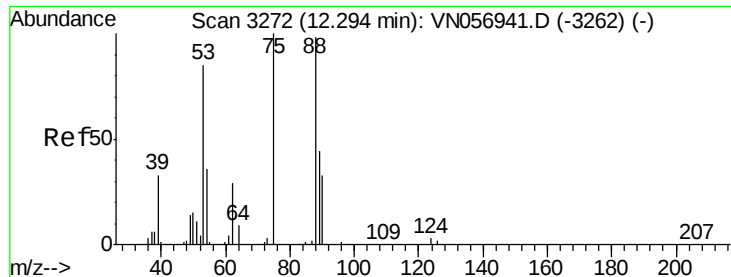
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#80
 1,3,5-Trimethylbenzene
 Concen: 19.835 ug/l
 RT: 12.73 min Scan# 3408
 Delta R.T. 0.00 min
 Lab File: VN057094.D
 Acq: 6 Aug 2019 11:38

Tgt Ion: 105 Resp: 301488
 Ion Ratio Lower Upper
 105 100
 120 49.1 24.8 74.3





#81

trans-1,4-Dichloro-2-butene

Concen: 19.728 ug/l

RT: 12.30 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Instrument :

MSVOA_N

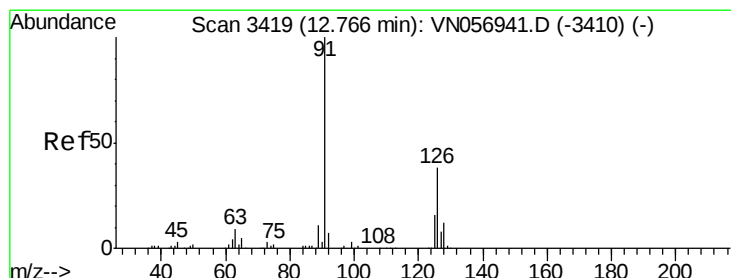
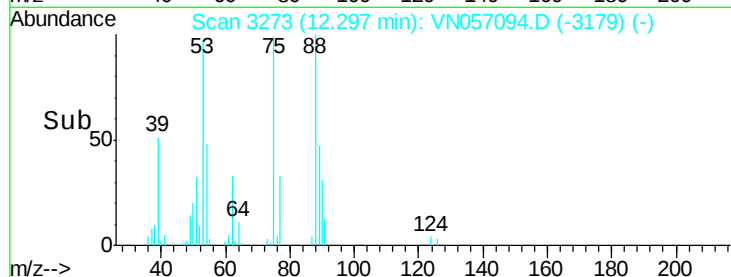
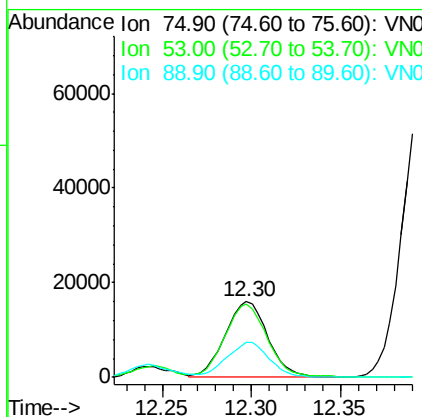
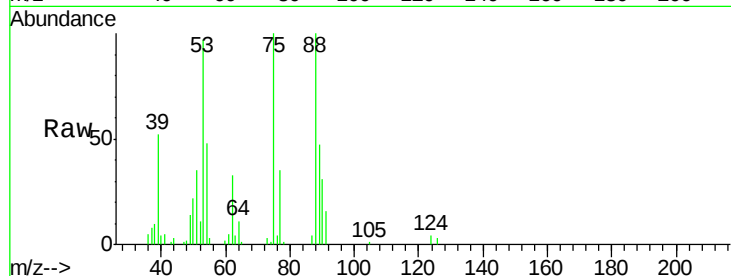
ClientSampled :

VN0806WBSD01

Tot Ion:	75	Resp:	26721
Ion	Ratio	Lower	Upper
75	100		
53	96.3	69.3	103.9
89	45.6	35.8	53.6

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#82

4-Chlorotoluene

Concen: 19.029 ug/l

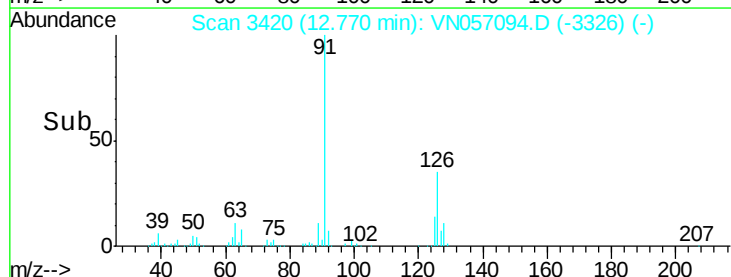
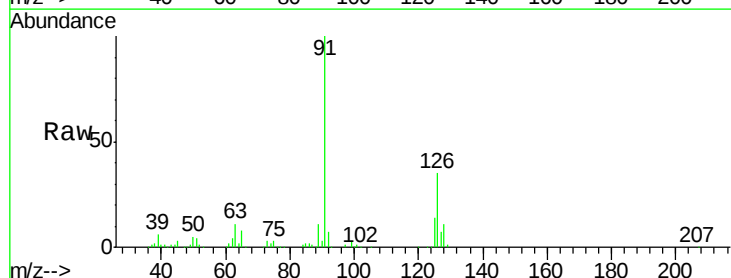
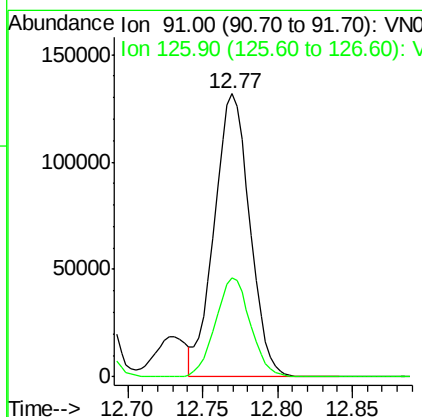
RT: 12.77 min Scan# 3420

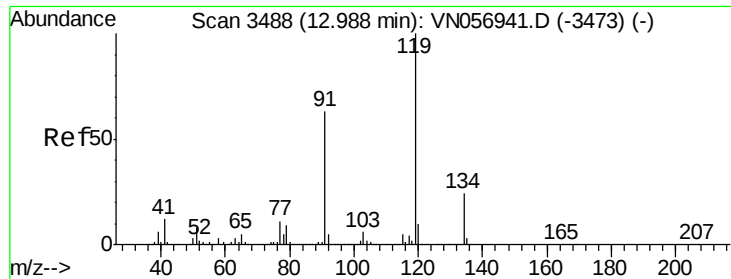
Delta R.T. 0.00 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Tgt Ion:	91	Resp:	216828
Ion	Ratio	Lower	Upper
91	100		
126	34.7	17.5	52.5





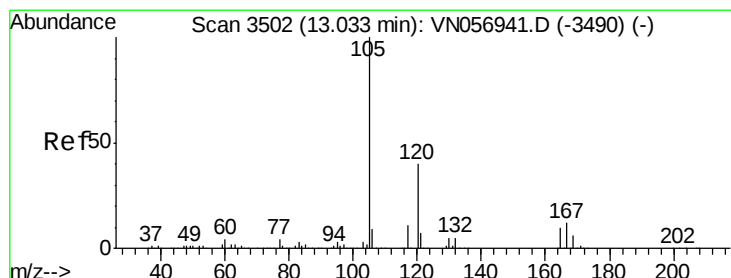
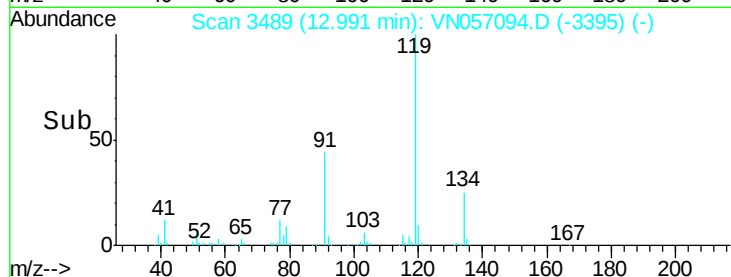
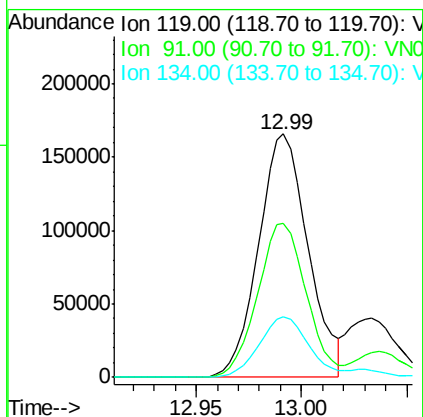
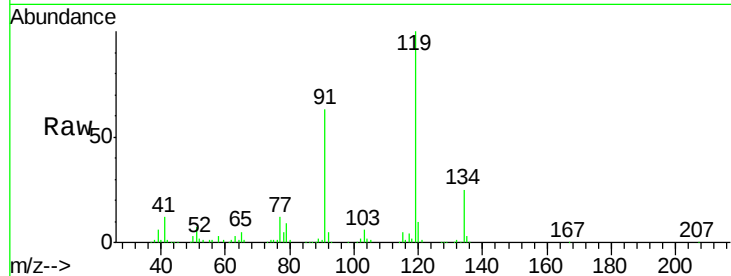
#83
tert-Butylbenzene
Concen: 20.148 ug/l
RT: 12.99 min Scan# 3489
Delta R.T. 0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Instrument :
MSVOA_N
ClientSampled :
VN0806WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
119	100	271102		
91	62.6		31.3	93.8
134	24.8		13.3	39.8

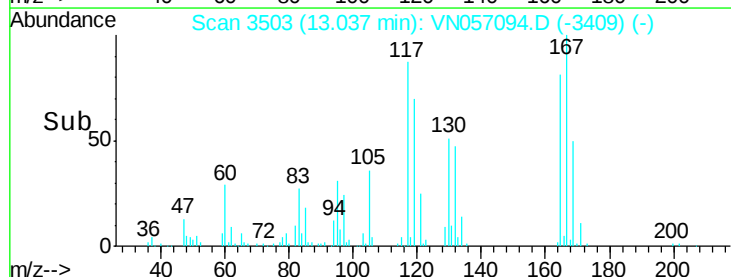
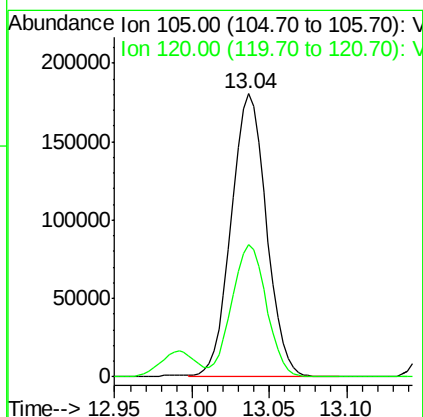
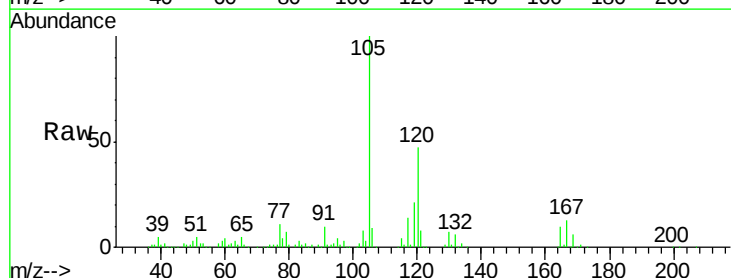
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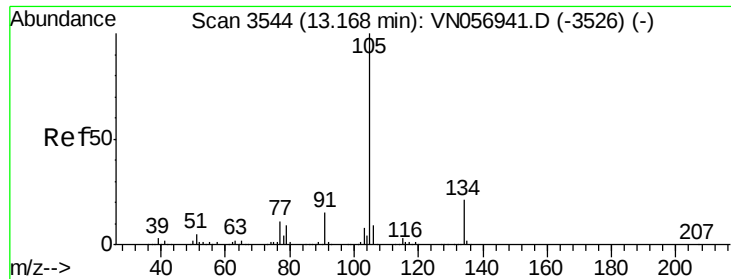
MMDadoda
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#84
1,2,4-Trimethylbenzene
Concen: 19.497 ug/l
RT: 13.04 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	285154		
120	46.0		23.2	69.6





#85

sec-Butylbenzene

Concen: 18.805 ug/l

RT: 13.17 min Scan# 3545

Delta R.T. 0.00 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Instrument :

MSVOA_N

ClientSampleId :

VN0806WBSD01

Tot Ion:105 Resp: 326385

Ion Ratio Lower Upper

105 100

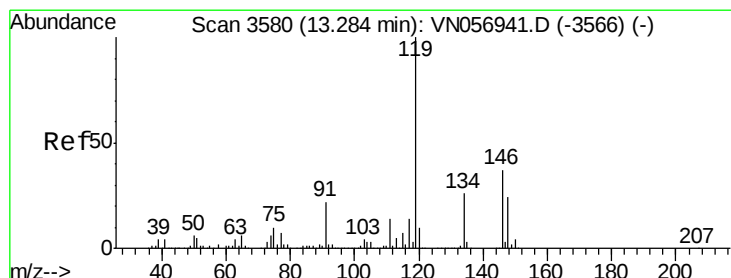
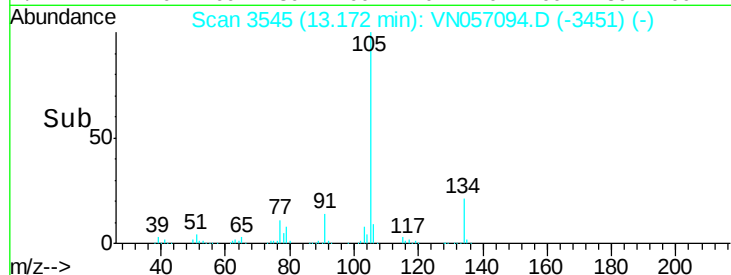
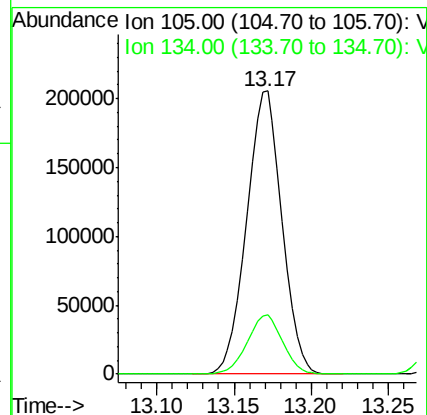
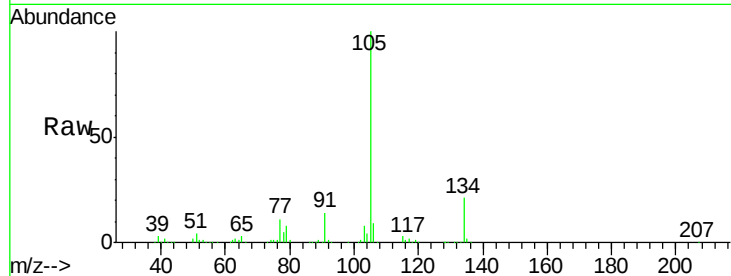
134 21.0 10.3 30.8

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#86

p-Isopropyltoluene

Concen: 18.735 ug/l

RT: 13.29 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

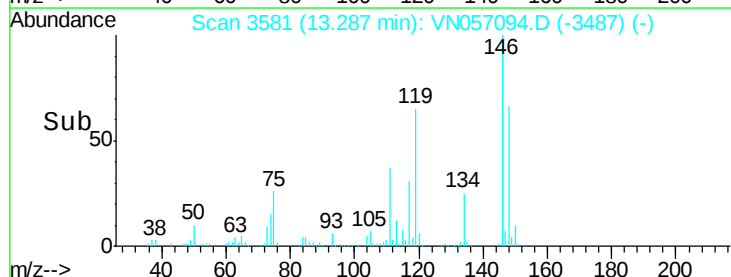
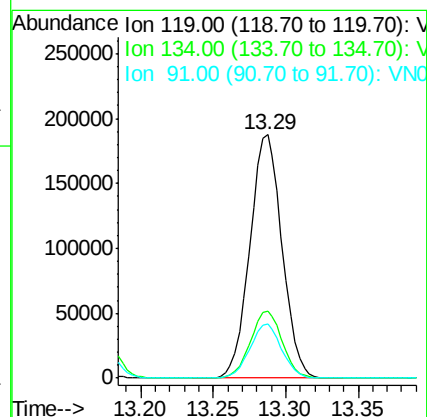
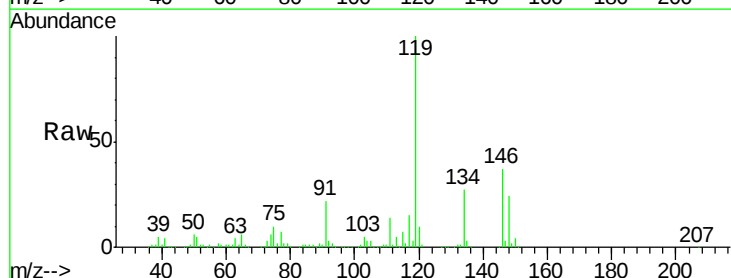
Tgt Ion:119 Resp: 288694

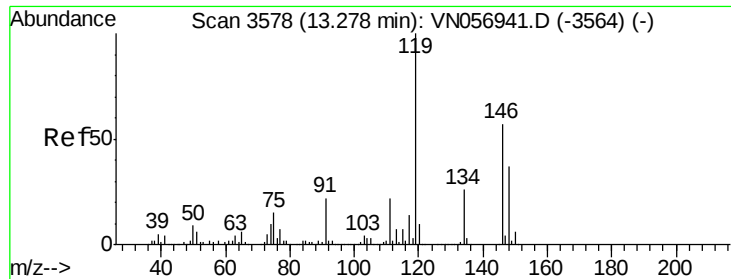
Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 22.1 11.0 33.0





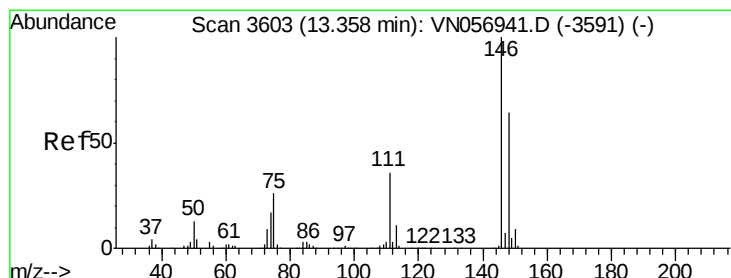
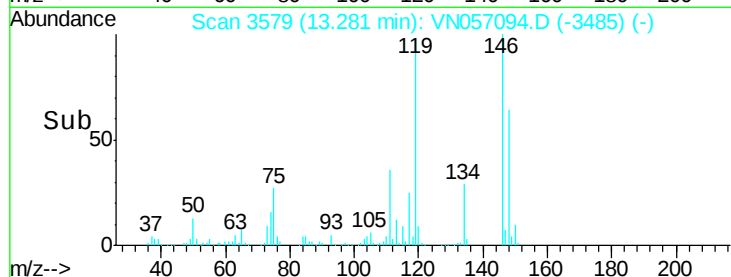
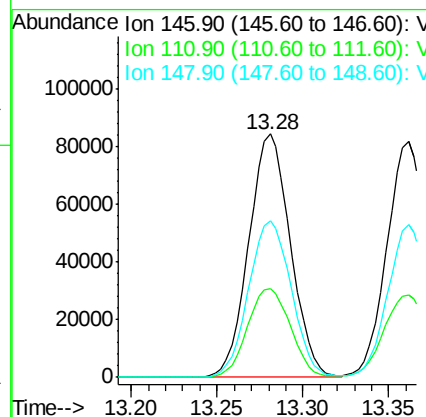
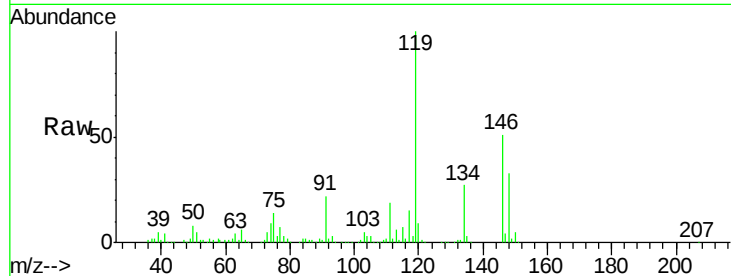
#87
 1,3-Dichlorobenzene
 Concen: 19.275 ug/l
 RT: 13.28 min Scan# 3579
 Delta R.T. 0.00 min
 Lab File: VN057094.D
 Acq: 6 Aug 2019 11:38

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.6	55.8
148	65.9	32.2	96.6

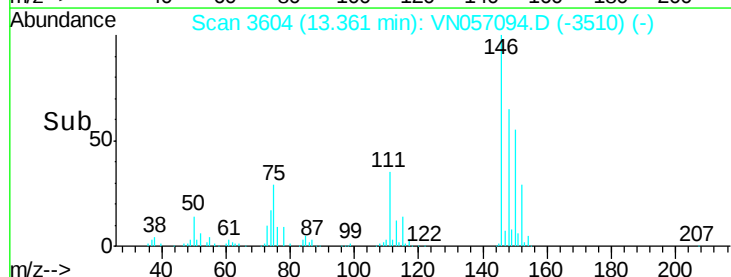
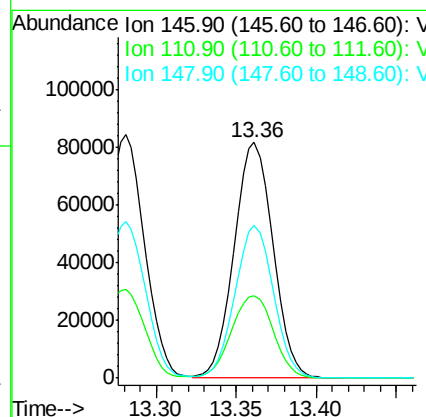
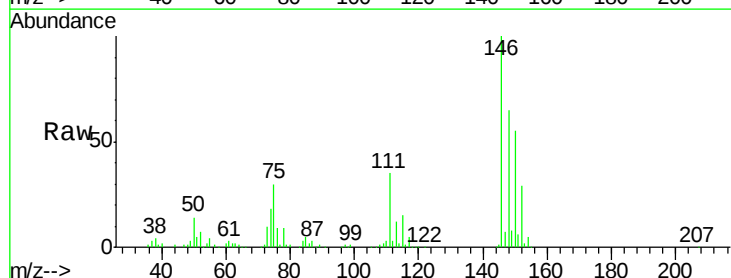
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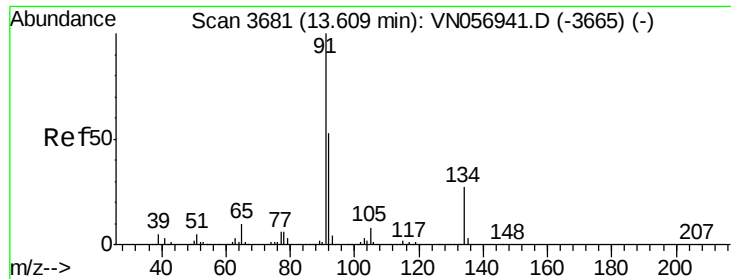
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#88
 1,4-Dichlorobenzene
 Concen: 19.150 ug/l
 RT: 13.36 min Scan# 3604
 Delta R.T. 0.00 min
 Lab File: VN057094.D
 Acq: 6 Aug 2019 11:38

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.8	18.4	55.2
148	64.1	32.3	96.9





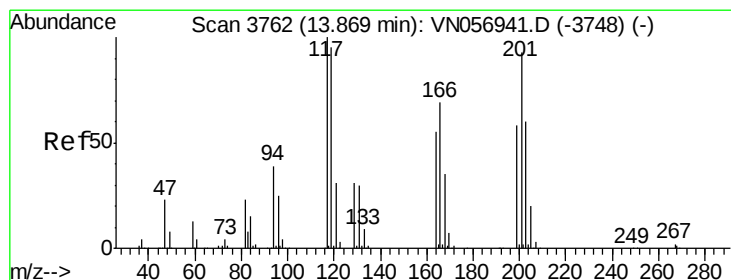
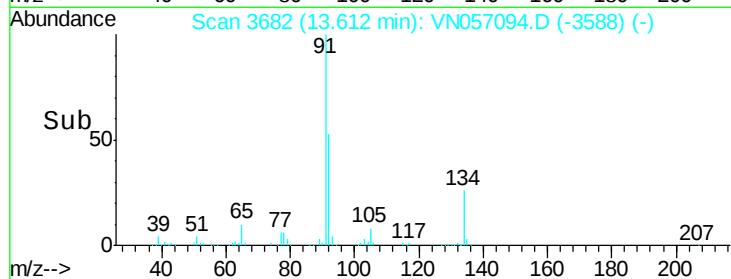
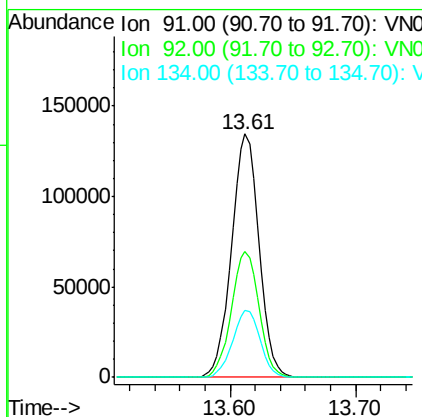
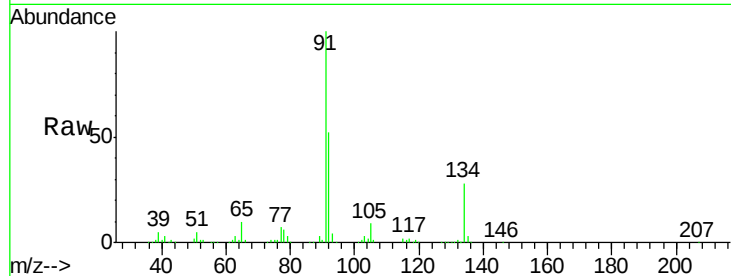
#89
n-Butylbenzene
Concen: 17.199 ug/l
RT: 13.61 min Scan# 3682
Delta R.T. 0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Instrument :
MSVOA_N
ClientSampled :
VN0806WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
91	100			
92	52.1	26.2	78.5	
134	27.7	13.5	40.4	

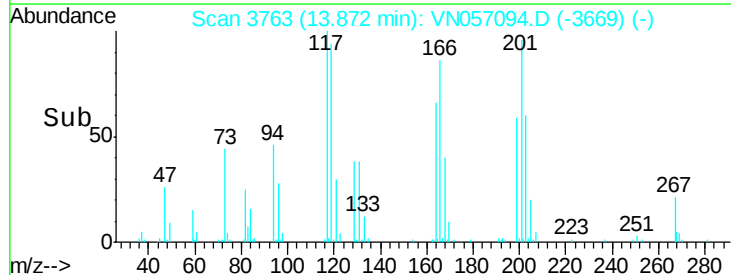
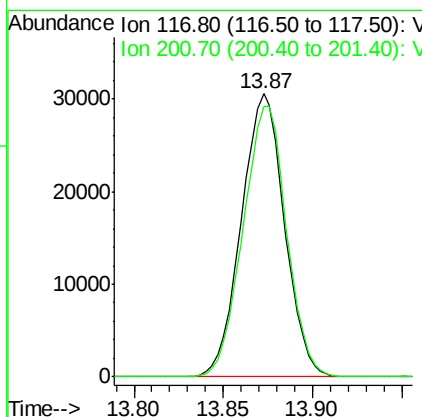
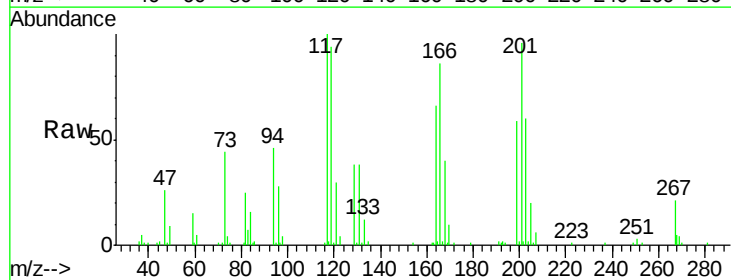
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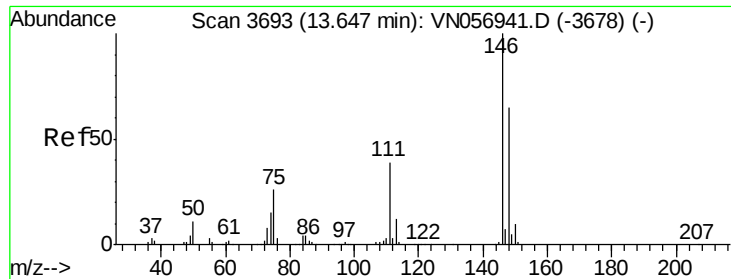
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#90
Hexachloroethane
Concen: 19.384 ug/l
RT: 13.87 min Scan# 3763
Delta R.T. 0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
201	96.6	47.0	141.2	





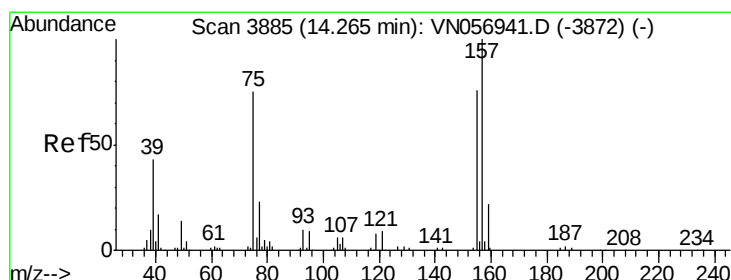
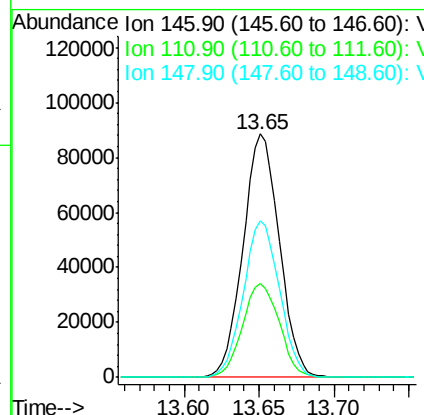
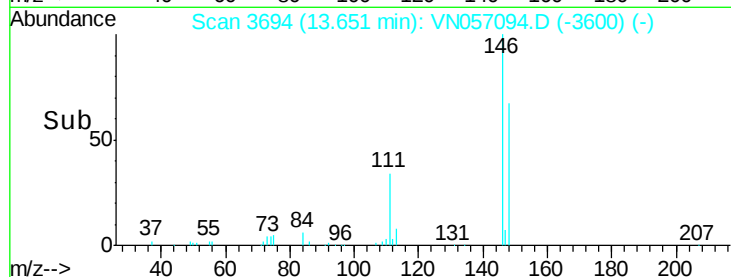
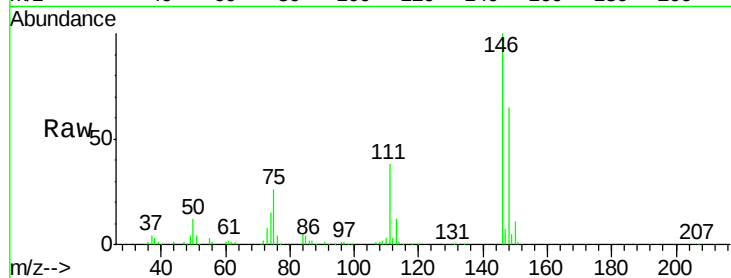
#91
 1,2-Dichlorobenzene
 Concen: 20.710 ug/l
 RT: 13.65 min Scan# 3694
 Delta R.T. 0.00 min
 Lab File: VN057094.D
 Acq: 6 Aug 2019 11:38

Instrument :
 MSVOA_N
 ClientSampled :
 VN0806WBSD01

Tot Ion	Ratio	Resp	Lower	Upper
146	100	149860		
111	38.8	19.4	58.4	
148	63.7	32.2	96.6	

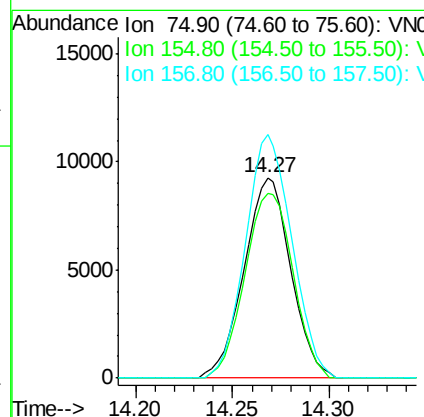
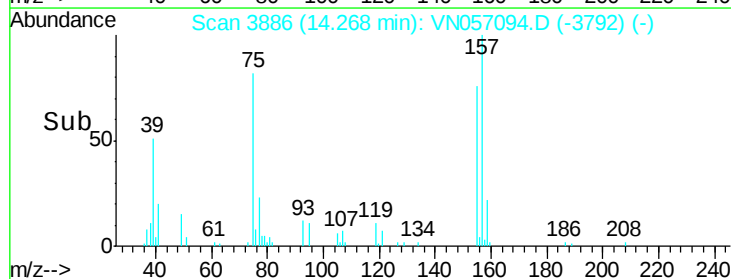
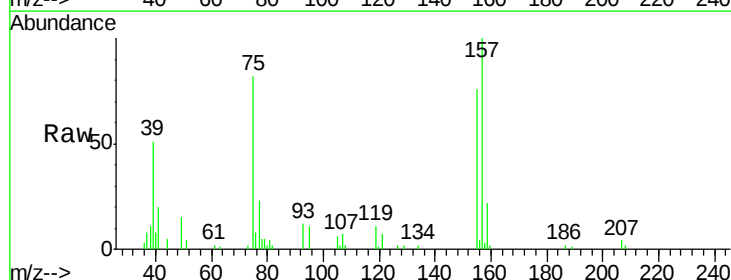
Manual Integrations
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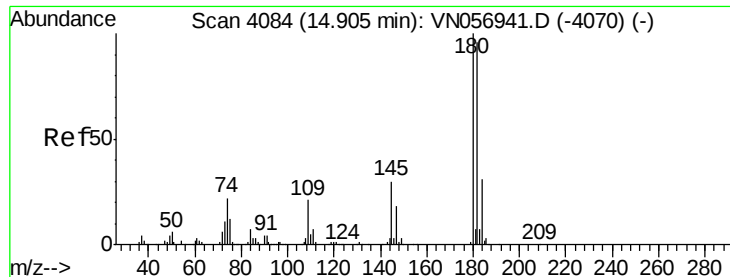
MMdadoda
 8/9/2019 12:51:34 AM



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.119 ug/l
 RT: 14.27 min Scan# 3886
 Delta R.T. 0.00 min
 Lab File: VN057094.D
 Acq: 6 Aug 2019 11:38

Tgt Ion	Ratio	Resp	Lower	Upper
75	100	15556		
155	95.0	50.2	150.6	
157	120.9	65.1	195.4	





#93

1,2,4-Trichlorobenzene

Concen: 15.946 ug/l

RT: 14.91 min Scan# 4085

Delta R.T. 0.00 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Instrument :

MSVOA_N

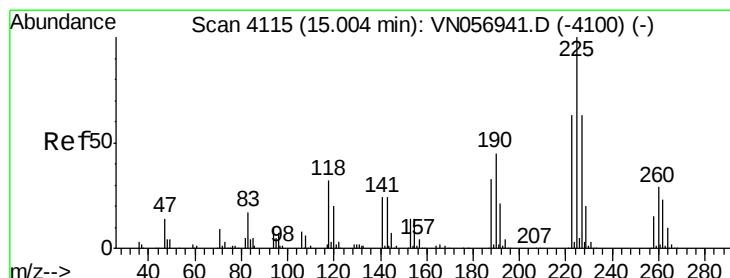
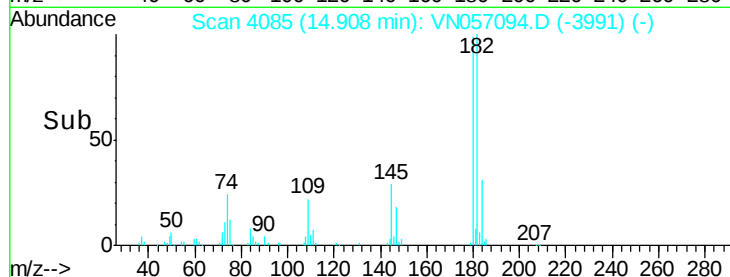
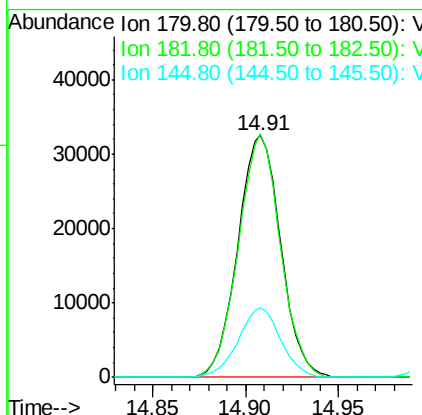
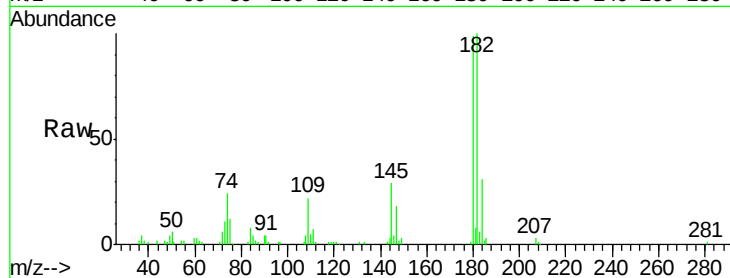
ClientSampleId :

VN0806WBSD01

Tot Ion:	180	Resp:	52235
Ion Ratio	Lower	Upper	
180	100		
182	98.1	47.6	142.8
145	28.5	14.2	42.8

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#94

Hexachlorobutadiene

Concen: 20.439 ug/l

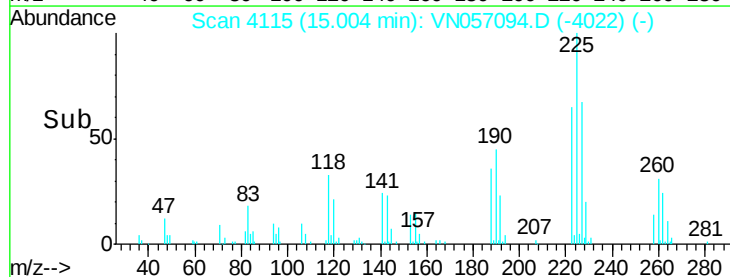
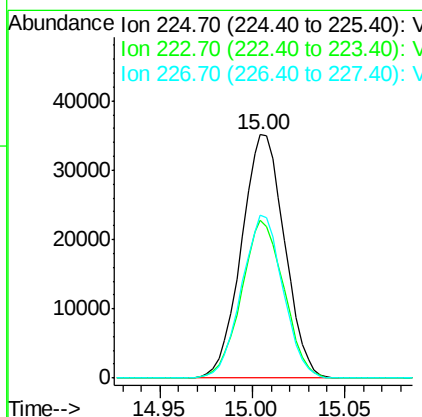
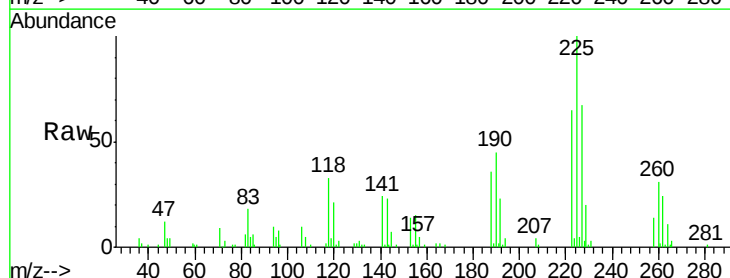
RT: 15.00 min Scan# 4115

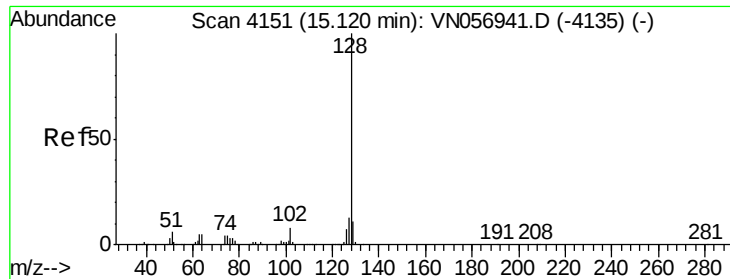
Delta R.T. 0.00 min

Lab File: VN057094.D

Acq: 6 Aug 2019 11:38

Tgt Ion:	225	Resp:	56624
Ion Ratio	Lower	Upper	
225	100		
223	63.4	30.8	92.4
227	64.1	31.1	93.5





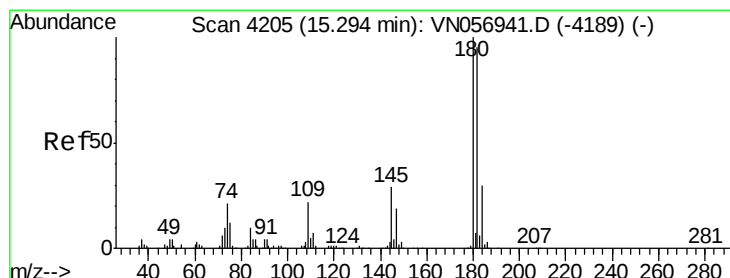
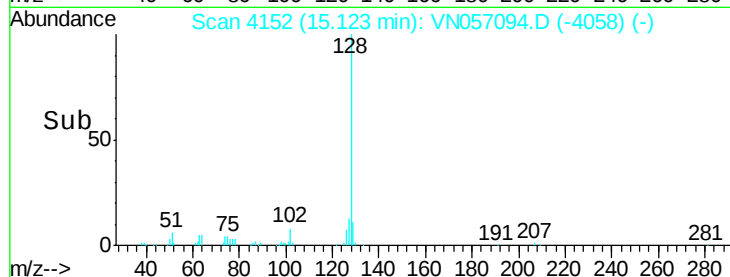
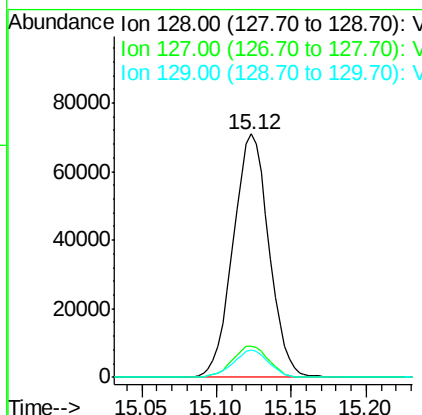
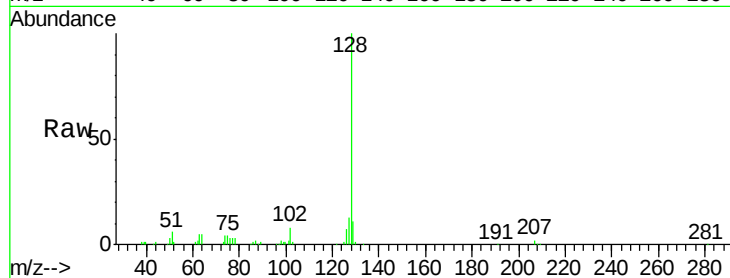
#95
Naphthalene
Concen: 15.660 ug/l
RT: 15.12 min Scan# 4152
Delta R.T. 0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Instrument :
MSVOA_N
ClientSampleId :
VN0806WBSD01

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.0	15.0
129	10.9	8.7	13.1

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#96
1,2,3-Trichlorobenzene
Concen: 17.193 ug/l
RT: 15.29 min Scan# 4205
Delta R.T. 0.00 min
Lab File: VN057094.D
Acq: 6 Aug 2019 11:38

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	48.0	144.2
145	30.7	15.0	45.0

