

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN090120\
 Data File : VN063180.D
 Acq On : 2 Sep 2020 1:16
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 02 04:10:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N083120W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 01 04:21:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	435457	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	822779	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	771690	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	363644	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	356524	50.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.16%	
35) Dibromofluoromethane	7.55	113	263630	49.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	10.06	98	1036942	51.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.08%	
62) 4-Bromofluorobenzene	12.38	95	364006	51.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.44%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	190044	44.314	ug/l	96
3) Chloromethane	2.04	50	268965	43.071	ug/l	99
4) Vinyl Chloride	2.17	62	301234	43.669	ug/l	99
5) Bromomethane	2.53	94	258853	44.579	ug/l	96
6) Chloroethane	2.68	64	265382	48.386	ug/l	98
7) Trichlorofluoromethane	2.99	101	426700	44.406	ug/l	99
8) Diethyl Ether	3.38	74	151610	45.936	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	221892	47.325	ug/l	99
10) Methyl Iodide	3.91	142	279612	43.725	ug/l	99
11) Tert butyl alcohol	4.72	59	217254	248.635	ug/l	97
12) 1,1-Dichloroethene	3.70	96	222767	46.627	ug/l	97
13) Acrolein	3.57	56	46347	146.301	ug/l	94
14) Allyl chloride	4.28	41	400096	47.153	ug/l	96
15) Acrylonitrile	4.93	53	606029	247.627	ug/l	99
16) Acetone	3.77	43	528409	261.127	ug/l	97
17) Carbon Disulfide	4.02	76	640170	45.018	ug/l	98
18) Methyl Acetate	4.28	43	280190	54.002	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	847960	47.844	ug/l	97
20) Methylene Chloride	4.51	84	269954	47.418	ug/l	90
21) trans-1,2-Dichloroethene	4.99	96	256441	48.583	ug/l	97
22) Diisopropyl ether	5.90	45	920193	48.394	ug/l	97
23) Vinyl Acetate	5.84	43	3872052	255.212	ug/l	98
24) 1,1-Dichloroethane	5.80	63	497208	47.433	ug/l	99
25) 2-Butanone	6.78	43	849196	271.023	ug/l	100
26) 2,2-Dichloropropane	6.78	77	340955	35.900	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	307787	47.973	ug/l	96
28) Bromochloromethane	7.15	49	244082	44.569	ug/l	98
29) Tetrahydrofuran	7.16	42	560942	258.912	ug/l	99
30) Chloroform	7.33	83	531561	48.470	ug/l	100
31) Cyclohexane	7.61	56	428289	46.233	ug/l	97
32) 1,1,1-Trichloroethane	7.53	97	466158	49.328	ug/l	100
36) 1,1-Dichloropropene	7.75	75	384715	48.638	ug/l	98
37) Ethyl Acetate	6.88	43	376881	50.456	ug/l #	96
38) Carbon Tetrachloride	7.73	117	388662	48.452	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	412590	46.431	ug/l	98
40) Benzene	8.00	78	1157697	49.807	ug/l	99
41) Methacrylonitrile	7.13	41	178631	53.607	ug/l	97
42) 1,2-Dichloroethane	8.09	62	441893	50.894	ug/l	100
43) Isopropyl Acetate	8.13	43	664755	51.533	ug/l	100
44) Trichloroethene	8.80	130	299729	53.162	ug/l	99
45) 1,2-Dichloropropane	9.08	63	299175	48.613	ug/l	98
46) Dibromomethane	9.17	93	206820	50.711	ug/l	99
47) Bromodichloromethane	9.37	83	432563	49.482	ug/l	99
48) Methyl methacrylate	9.17	41	310088	53.324	ug/l	96
49) 1,4-Dioxane	9.17	88	87499	972.816	ug/l	94
51) 4-Methyl-2-Pentanone	9.95	43	1954511	278.826	ug/l	100
52) Toluene	10.13	92	734540	50.730	ug/l	98
53) t-1,3-Dichloropropene	10.35	75	451099	47.175	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	482227	48.043	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	284635	51.330	ug/l	97
56) Ethyl methacrylate	10.40	69	440043	52.144	ug/l	99
57) 1,3-Dichloropropane	10.68	76	501422	50.758	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	1032814	236.341	ug/l	99
59) 2-Hexanone	10.72	43	1416101	287.453	ug/l	99
60) Dibromochloromethane	10.87	129	315299	51.430	ug/l	100
61) 1,2-Dibromoethane	10.98	107	301205	52.252	ug/l	100
64) Tetrachloroethene	10.60	164	305209	55.077	ug/l	96
65) Chlorobenzene	11.41	112	763752	49.139	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.48	131	285779	49.522	ug/l	100
67) Ethyl Benzene	11.49	91	1439398	50.764	ug/l	99
68) m/p-Xylenes	11.59	106	1066915	101.595	ug/l	99
69) o-Xylene	11.92	106	517616	51.022	ug/l	99
70) Styrene	11.94	104	890555	51.078	ug/l	99
71) Bromoform	12.10	173	201650	51.491	ug/l #	97
73) Isopropylbenzene	12.23	105	1396674	50.076	ug/l	99
74) N-amyl acetate	12.05	43	597114	51.685	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.48	83	384314	47.794	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	520732	72.882	ug/l #	100
77) Bromobenzene	12.50	156	310901	49.288	ug/l	96
78) n-propylbenzene	12.57	91	1621225	50.232	ug/l	99
79) 2-Chlorotoluene	12.65	91	950059	49.148	ug/l	99
80) 1,3,5-Trimethylbenzene	12.71	105	1170534	50.420	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.28	75	125224	42.361	ug/l	97
82) 4-Chlorotoluene	12.75	91	995912	49.675	ug/l	99
83) tert-Butylbenzene	12.97	119	966192	48.528	ug/l	99
84) 1,2,4-Trimethylbenzene	13.02	105	1199983	51.280	ug/l	98
85) sec-Butylbenzene	13.15	105	1318999	50.831	ug/l	100
86) p-Isopropyltoluene	13.27	119	1178992	51.177	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	580536	50.099	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	574888	47.913	ug/l	100
89) n-Butylbenzene	13.59	91	1052736	49.464	ug/l	100
90) Hexachloroethane	13.85	117	191331	44.865	ug/l	99
91) 1,2-Dichlorobenzene	13.63	146	581479	51.710	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	14.24	75	88030	49.795	ug/l	97

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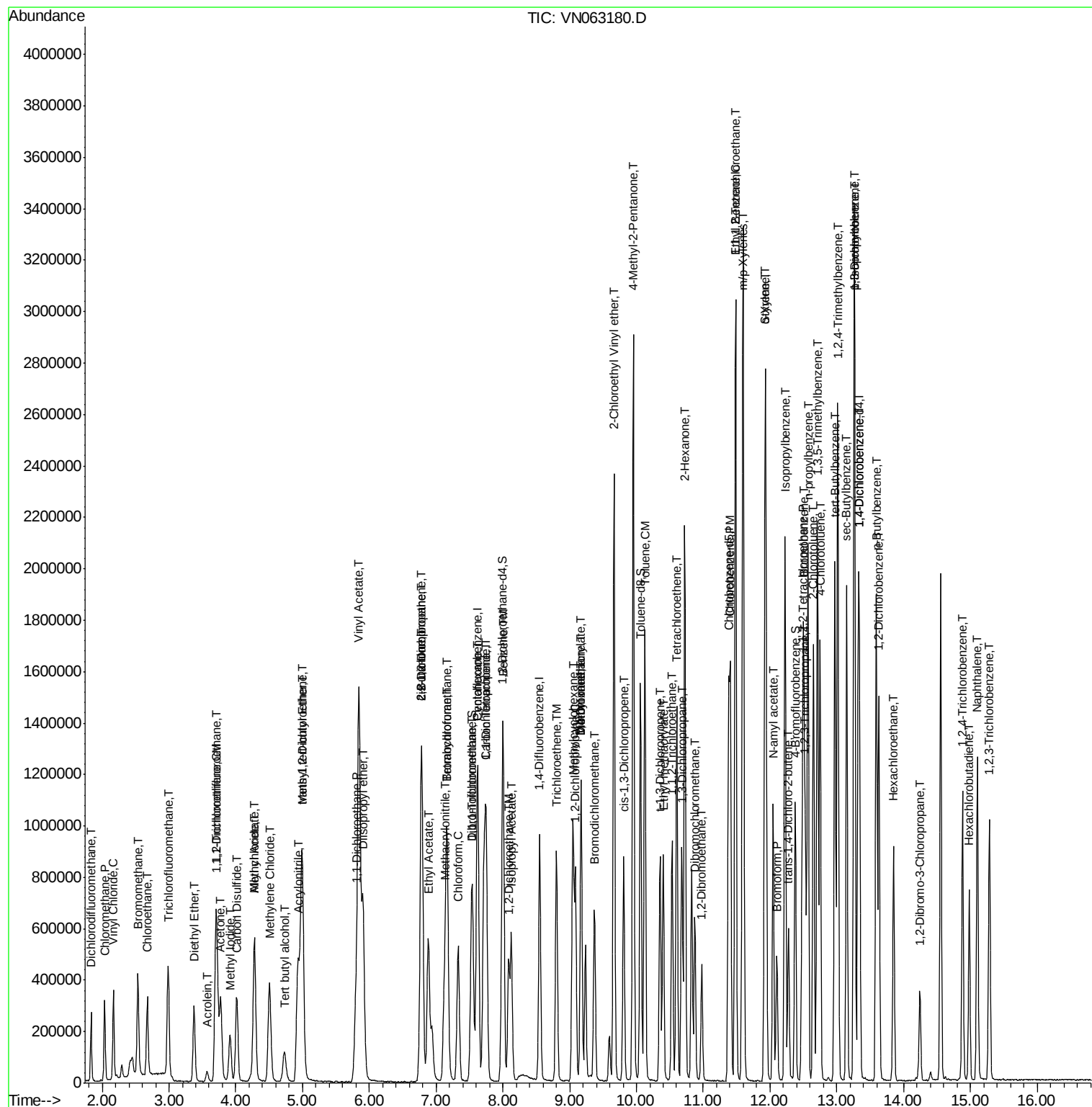
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	311720	49.618	ug/l	98
94) Hexachlorobutadiene	14.98	225	111923	47.689	ug/l	98
95) Naphthalene	15.11	128	1036439	49.448	ug/l	100
96) 1,2,3-Trichlorobenzene	15.29	180	292801	47.837	ug/l	99

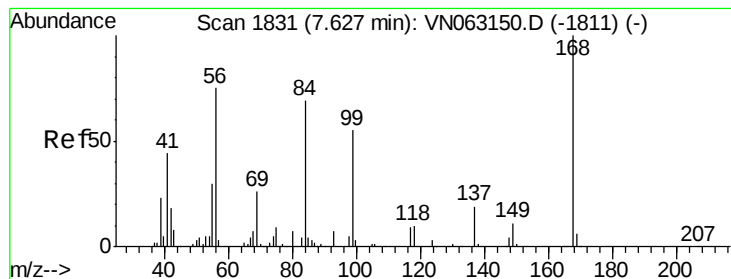
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN090120\
 Data File : VN063180.D
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063180.D

Acq: 2 Sep 2020 1:16

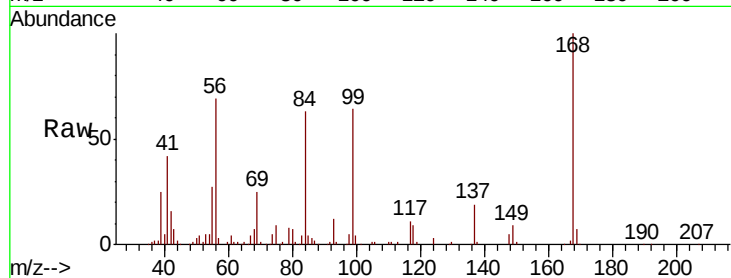
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 435457

Ion Ratio Lower Upper

168 100

99 63.8 54.2 81.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

200000

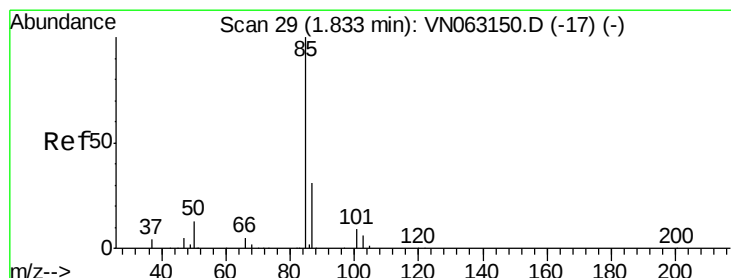
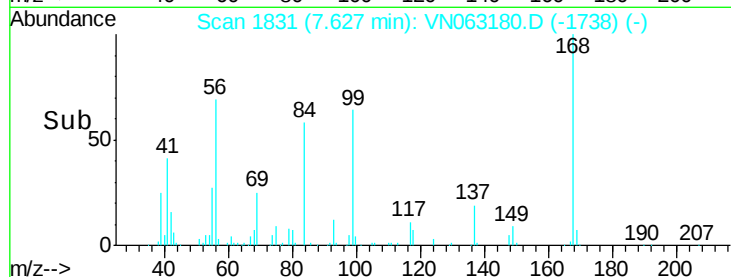
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.314 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063180.D

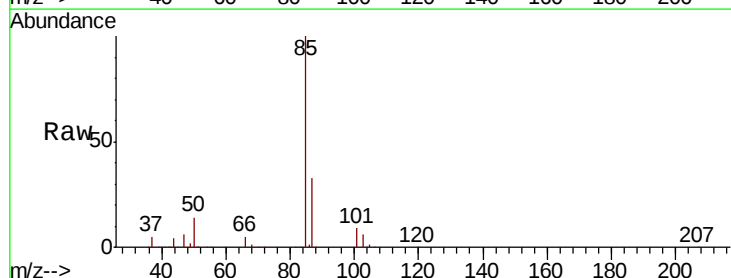
Acq: 2 Sep 2020 1:16

Tgt Ion: 85 Resp: 190044

Ion Ratio Lower Upper

85 100

87 33.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

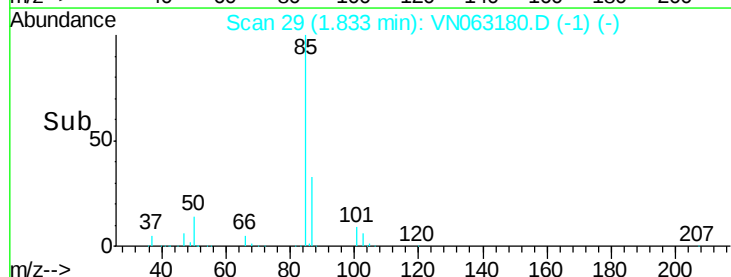
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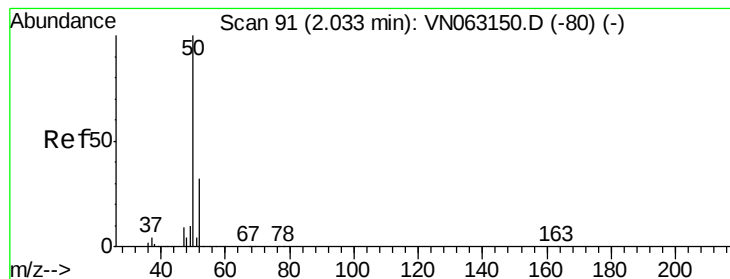
100000

50000

0

Time-->





#3

Chloromethane

Concen: 43.071 ug/l

RT: 2.04 min Scan# 92

Delta R.T. 0.00 min

Lab File: VN063180.D

Acq: 2 Sep 2020 1:16

Instrument :

MSVOA_N

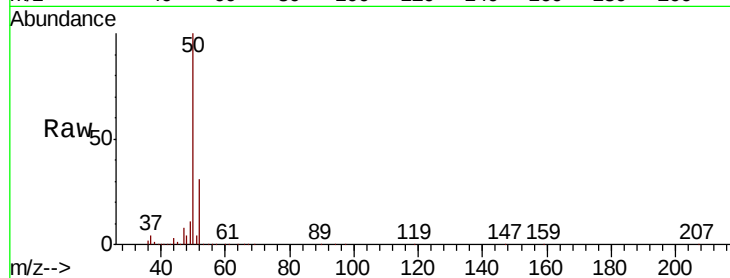
ClientSampleId :

Tot Ion: 50 Resp: 268965

Ion Ratio Lower Upper

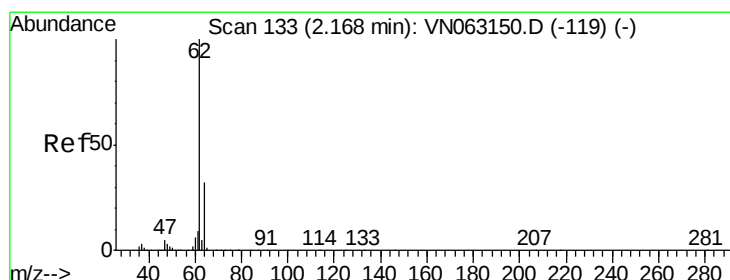
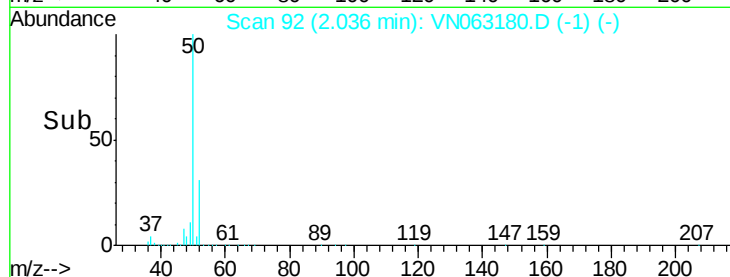
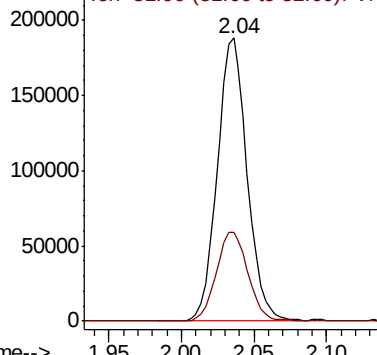
50 100

52 31.5 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VN0

Ion 51.90 (51.60 to 52.60): VN0



#4

Vinyl Chloride

Concen: 43.669 ug/l

RT: 2.17 min Scan# 133

Delta R.T. 0.00 min

Lab File: VN063180.D

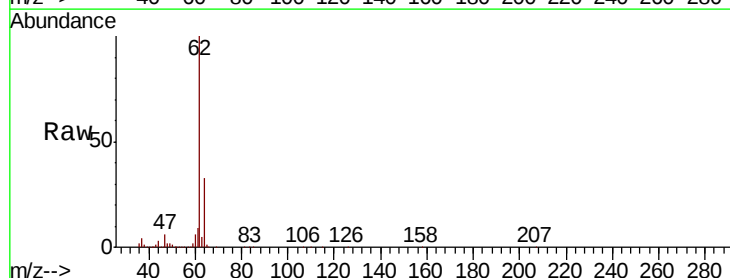
Acq: 2 Sep 2020 1:16

Tgt Ion: 62 Resp: 301234

Ion Ratio Lower Upper

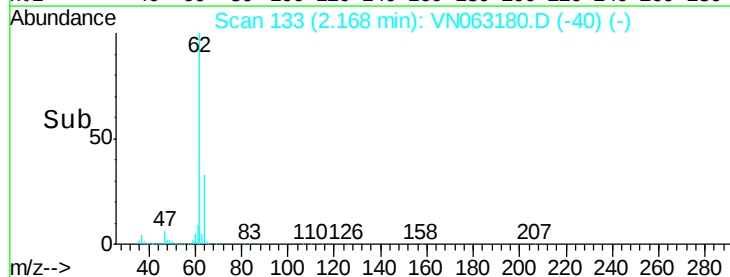
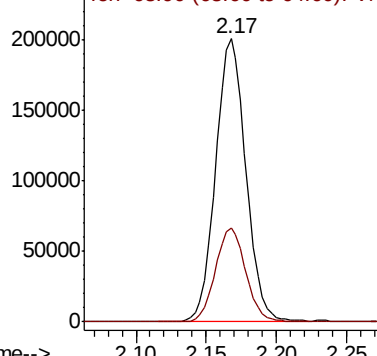
62 100

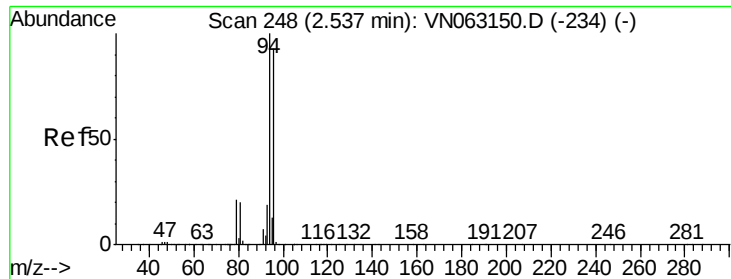
64 33.1 25.8 38.8



Abundance Ion 61.90 (61.60 to 62.60): VN0

Ion 63.90 (63.60 to 64.60): VN0





#5

Bromomethane

Concen: 44.579 ug/l

RT: 2.53 min Scan# 247

Delta R.T. -0.00 min

Lab File: VN063180.D

Acq: 2 Sep 2020 1:16

Instrument :

MSVOA_N

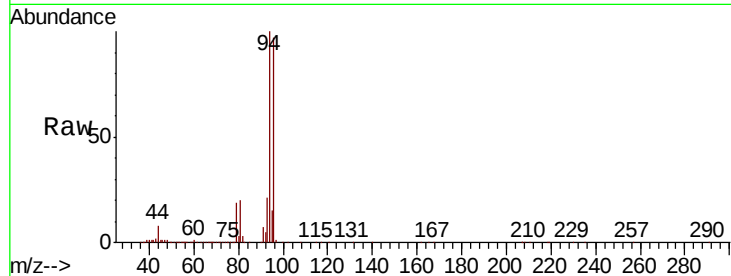
ClientSampled :

Tot Ion: 94 Resp: 258853

Ion Ratio Lower Upper

94 100

96 96.8 74.4 111.6



Abundance Ion 93.90 (93.60 to 94.60): VN063180.D (-155) (-)

Ion 95.90 (95.60 to 96.60): VN063180.D (-155) (-)

2.53

150000

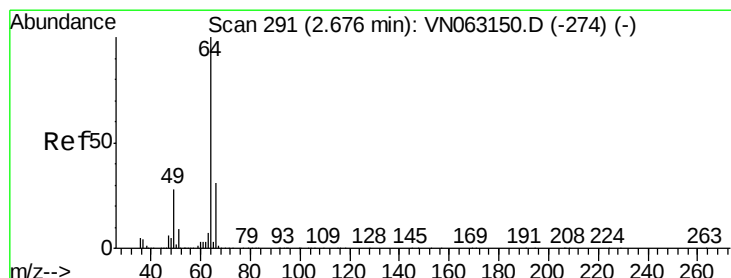
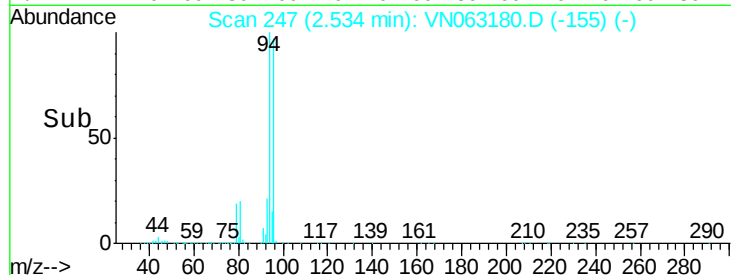
100000

50000

0

Time-->

2.45 2.50 2.55 2.60 2.65



#6

Chloroethane

Concen: 48.386 ug/l

RT: 2.68 min Scan# 291

Delta R.T. 0.00 min

Lab File: VN063180.D

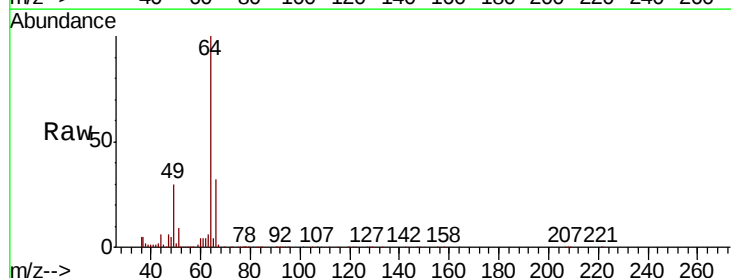
Acq: 2 Sep 2020 1:16

Tgt Ion: 64 Resp: 265382

Ion Ratio Lower Upper

64 100

66 32.0 24.7 37.1



Abundance Ion 63.90 (63.60 to 64.60): VN063180.D (-198) (-)

Ion 65.90 (65.60 to 66.60): VN063180.D (-198) (-)

2.68

150000

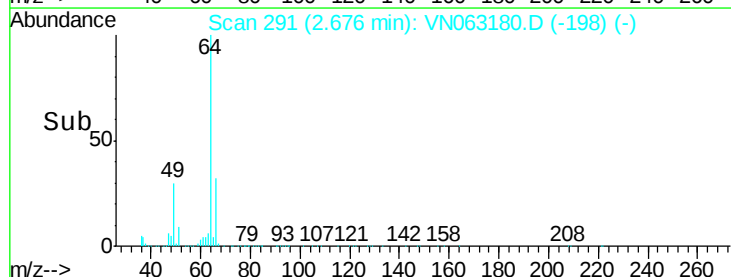
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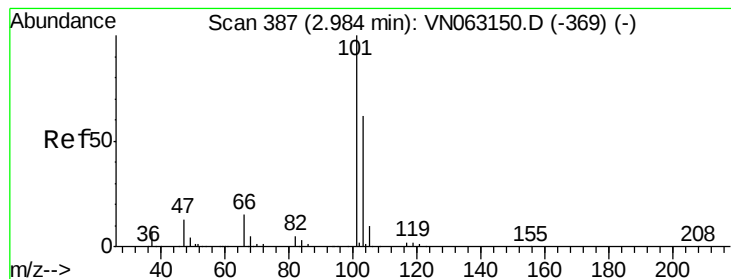
50000

0

Time-->

2.60 2.70 2.80



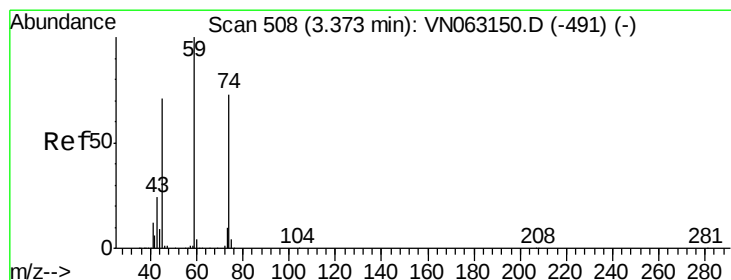
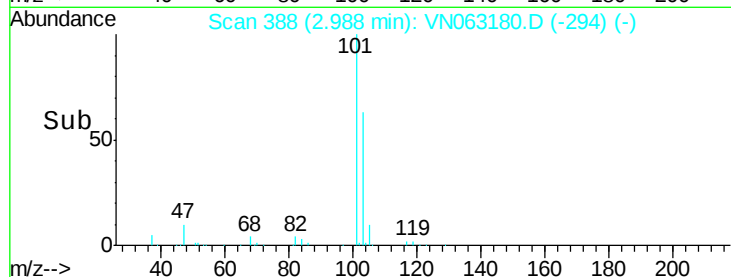
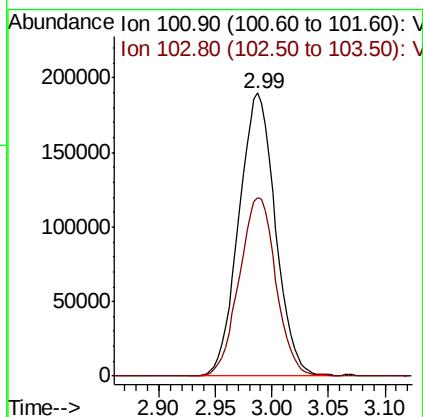
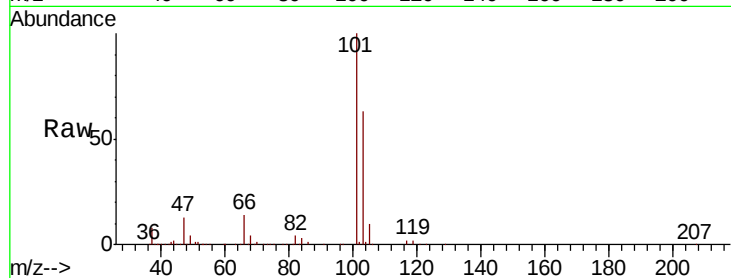


#7

Trichlorofluoromethane
Concen: 44.406 ug/l
RT: 2.99 min Scan# 388
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

Instrument :
MSVOA_N
ClientSampleId :

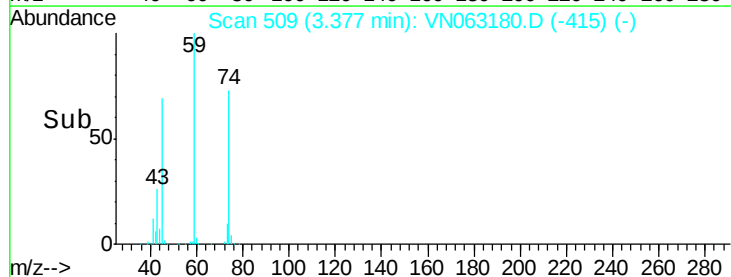
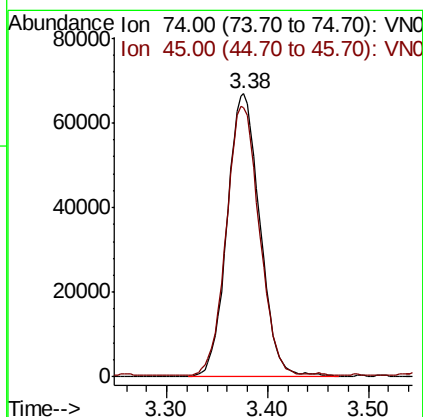
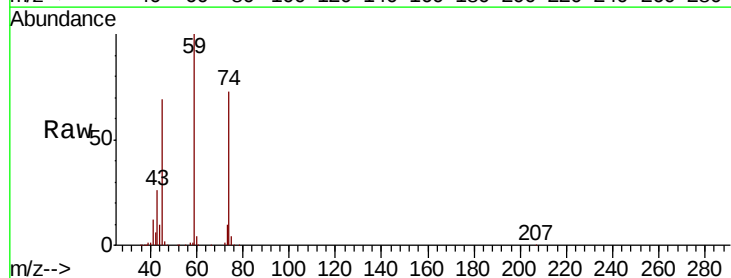
Tot Ion:101 Resp: 426700
Ion Ratio Lower Upper
101 100
103 62.8 49.7 74.5

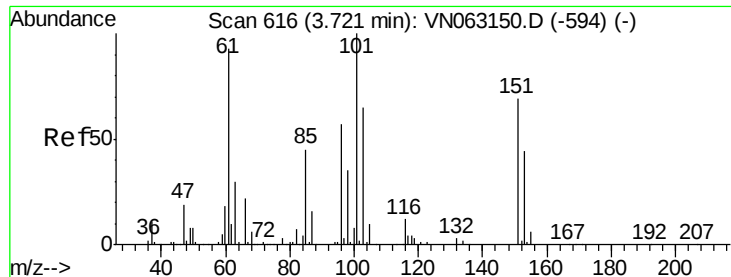


#8

Diethyl Ether
Concen: 45.936 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

Tgt Ion: 74 Resp: 151610
Ion Ratio Lower Upper
74 100
45 95.4 49.5 148.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.325 ug/l

RT: 3.72 min Scan# 617

Delta R.T. 0.00 min

Lab File: VN063180.D

Acq: 2 Sep 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

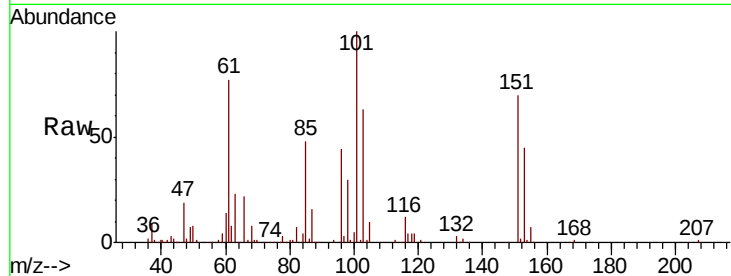
Tot Ion:101 Resp: 221892

Ion Ratio Lower Upper

101 100

85 46.6 37.8 56.8

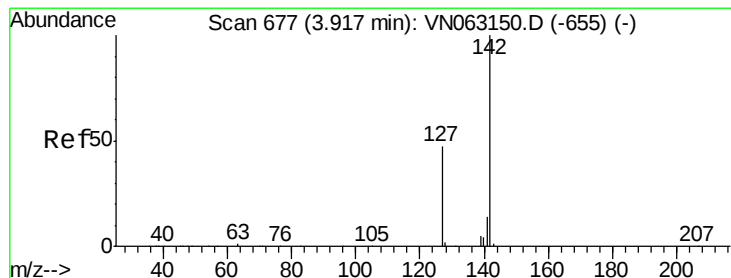
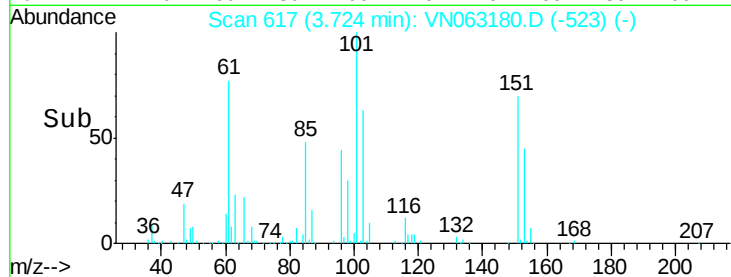
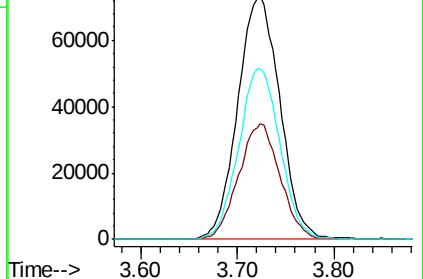
151 69.0 55.0 82.4



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 43.725 ug/l

RT: 3.91 min Scan# 676

Delta R.T. -0.00 min

Lab File: VN063180.D

Acq: 2 Sep 2020 1:16

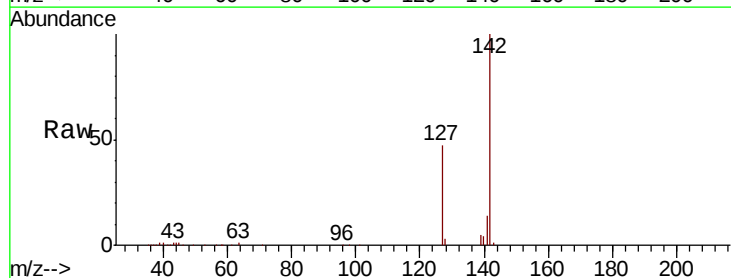
Tgt Ion:142 Resp: 279612

Ion Ratio Lower Upper

142 100

127 48.0 37.6 56.4

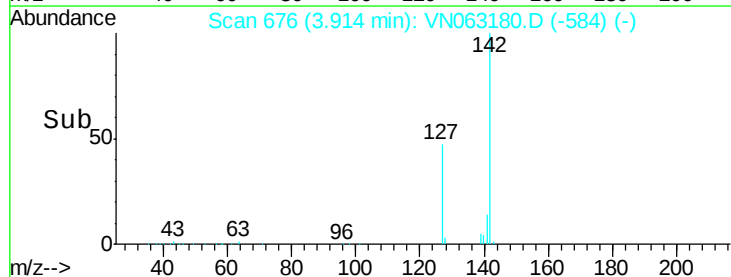
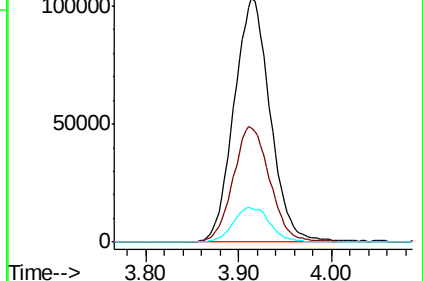
141 14.6 11.3 16.9

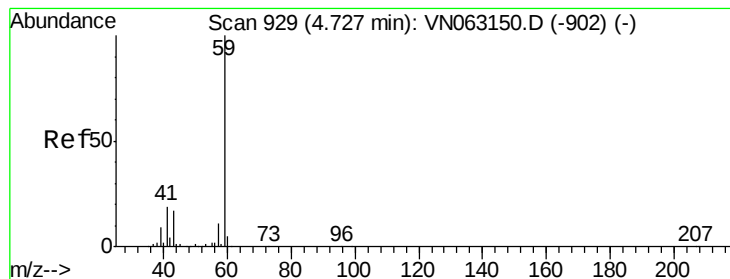


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



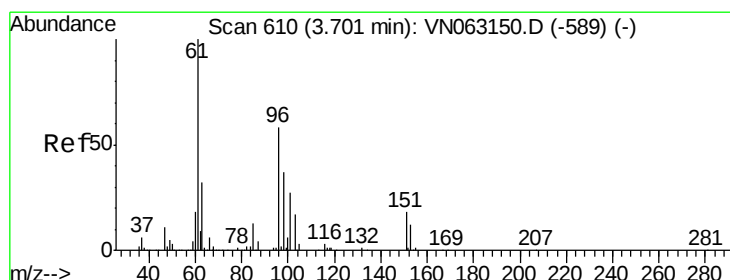
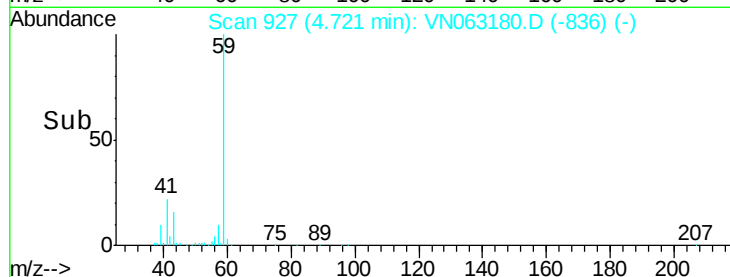
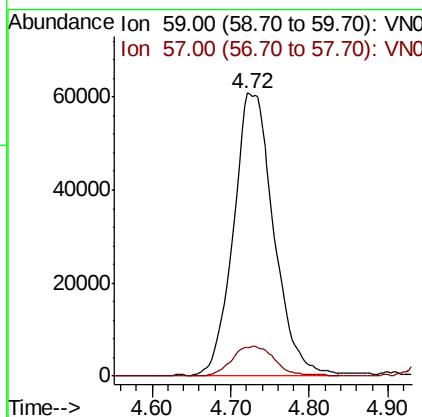
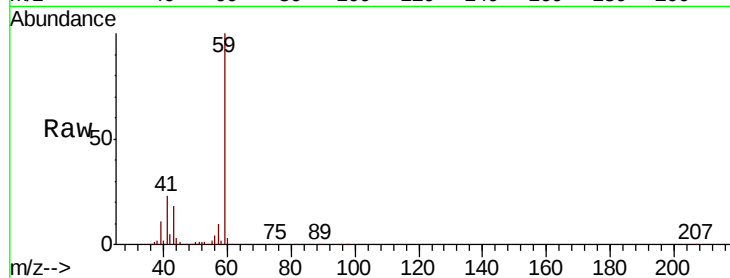


#11

Tert butyl alcohol
 Concen: 248.635 ug/l
 RT: 4.72 min Scan# 927
 Delta R.T. -0.01 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

Instrument :
 MSVOA_N
 ClientSampleId :

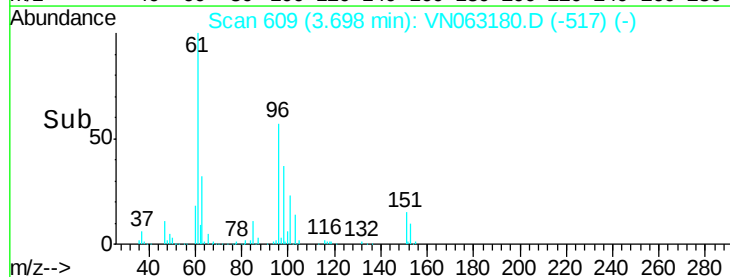
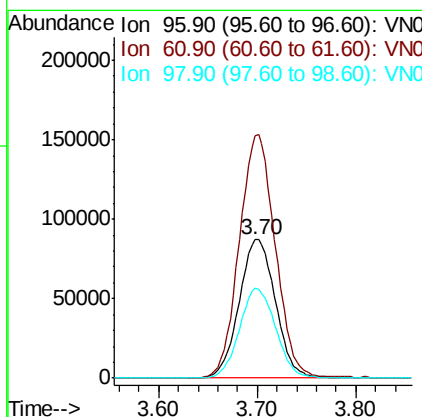
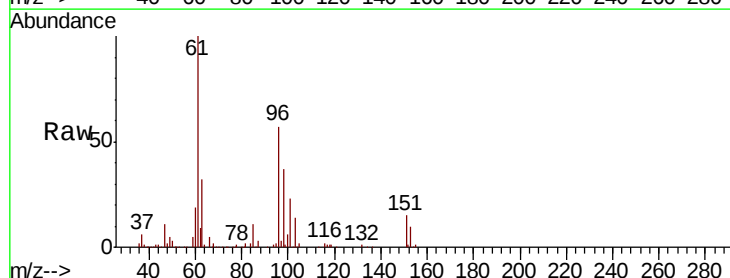
Tot Ion: 59 Resp: 217254
 Ion Ratio Lower Upper
 59 100
 57 11.5 8.4 12.6

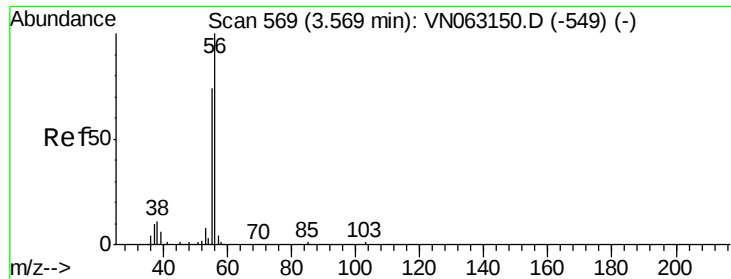


#12

1,1-Dichloroethene
 Concen: 46.627 ug/l
 RT: 3.70 min Scan# 609
 Delta R.T. -0.00 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

Tgt Ion: 96 Resp: 222767
 Ion Ratio Lower Upper
 96 100
 61 175.7 137.4 206.2
 98 65.1 50.5 75.7

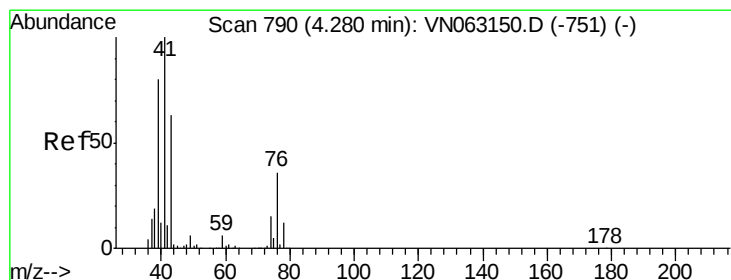
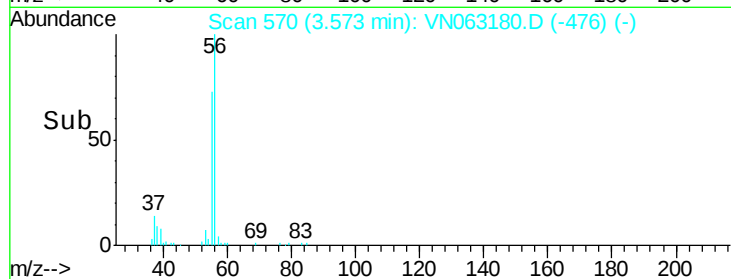
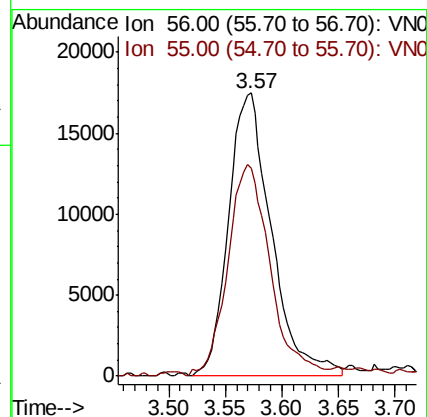
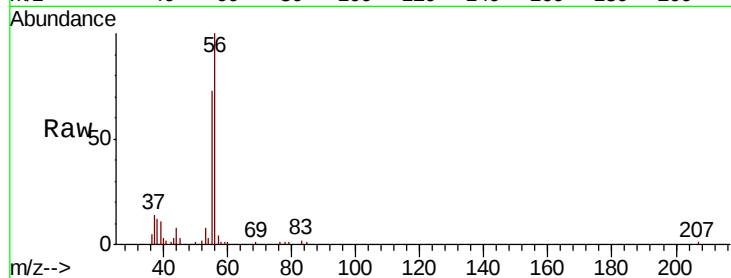




#13
Acrolein
Concen: 146.301 ug/l
RT: 3.57 min Scan# 570
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

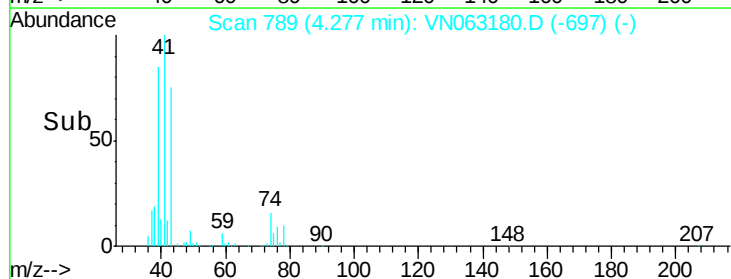
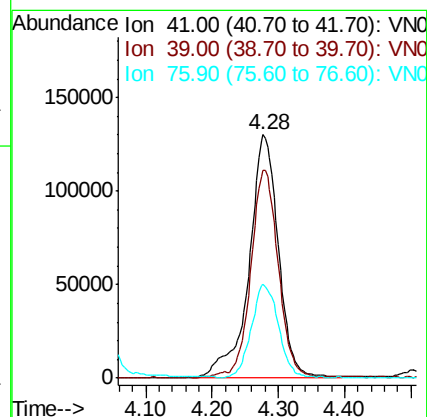
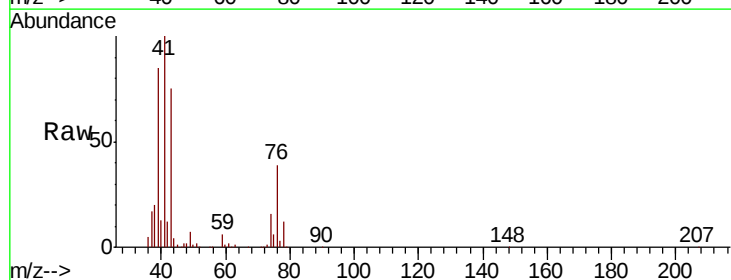
Instrument :
MSVOA_N
ClientSampleId :

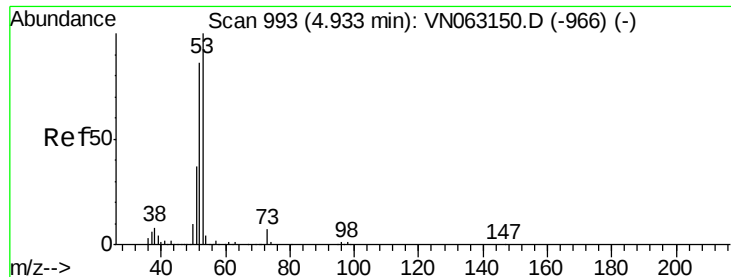
Tot Ion: 56 Resp: 46347
Ion Ratio Lower Upper
56 100
55 73.7 55.4 83.0



#14
Allyl chloride
Concen: 47.153 ug/l
RT: 4.28 min Scan# 789
Delta R.T. -0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

Tgt Ion: 41 Resp: 400096
Ion Ratio Lower Upper
41 100
39 79.5 60.2 90.2
76 35.0 27.7 41.5





#15

Acrylonitrile

Concen: 247.627 ug/l

RT: 4.93 min Scan# 992

Delta R.T. -0.00 min

Lab File: VN063180.D

Acq: 2 Sep 2020 1:16

Instrument :

MSVOA_N

ClientSampled :

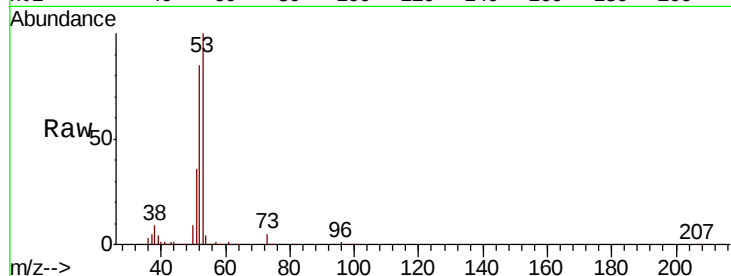
Tot Ion: 53 Resp: 606029

Ion Ratio Lower Upper

53 100

52 83.0 67.2 100.8

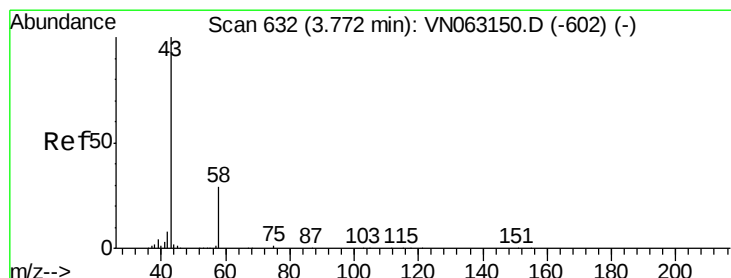
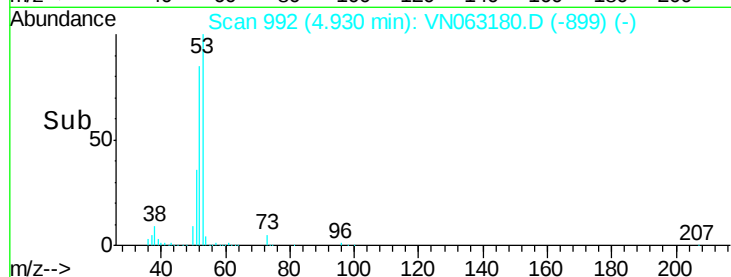
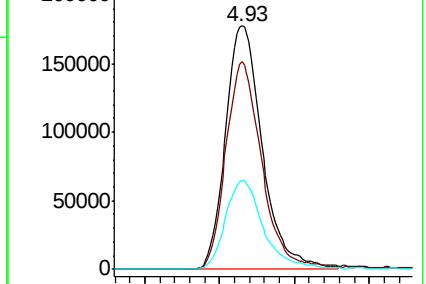
51 37.5 30.2 45.4



Abundance Ion 53.00 (52.70 to 53.70): VN063180.D (-899) (-)

Ion 52.00 (51.70 to 52.70): VN063180.D (-899) (-)

Ion 51.00 (50.70 to 51.70): VN063180.D (-899) (-)



#16

Acetone

Concen: 261.127 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063180.D

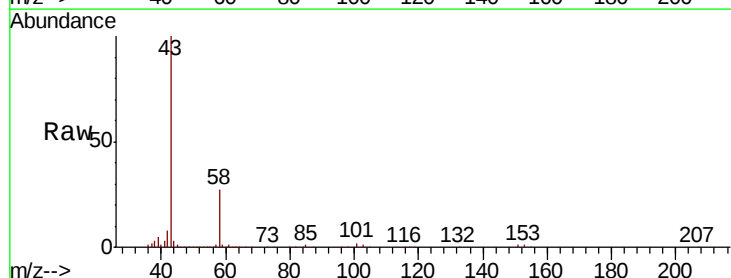
Acq: 2 Sep 2020 1:16

Tgt Ion: 43 Resp: 528409

Ion Ratio Lower Upper

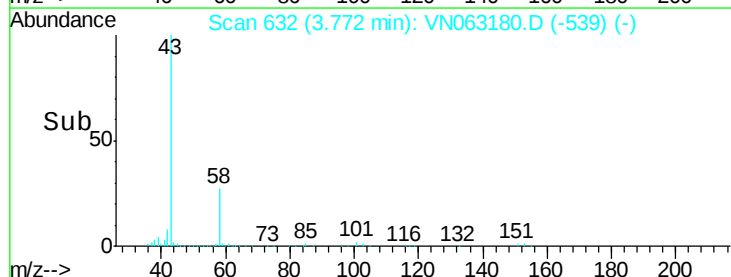
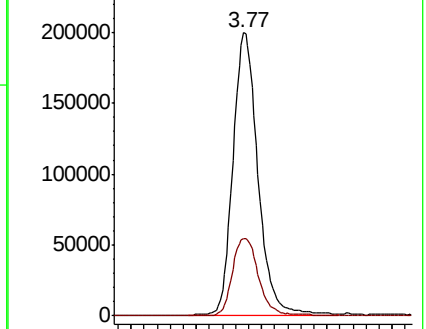
43 100

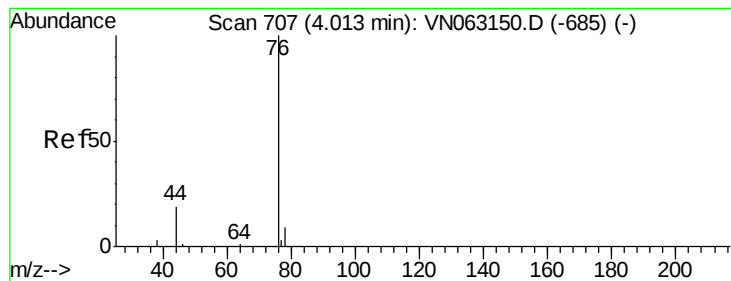
58 27.4 23.1 34.7



Abundance Ion 43.00 (42.70 to 43.70): VN063180.D (-539) (-)

Ion 58.00 (57.70 to 58.70): VN063180.D (-539) (-)





#17

Carbon Disulfide

Concen: 45.018 ug/l

RT: 4.02 min Scan# 708

Delta R.T. 0.00 min

Lab File: VN063180.D

Acq: 2 Sep 2020 1:16

Instrument :

MSVOA_N

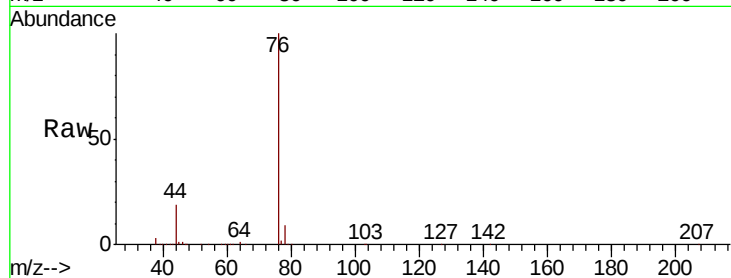
ClientSampleId :

Tot Ion: 76 Resp: 640170

Ion Ratio Lower Upper

76 100

78 8.6 7.5 11.3



Abundance Ion 75.90 (75.60 to 76.60): VN063180.D (-614) (-)

Ion 77.90 (77.60 to 78.60): VN063180.D (-614) (-)

4.02

250000

200000

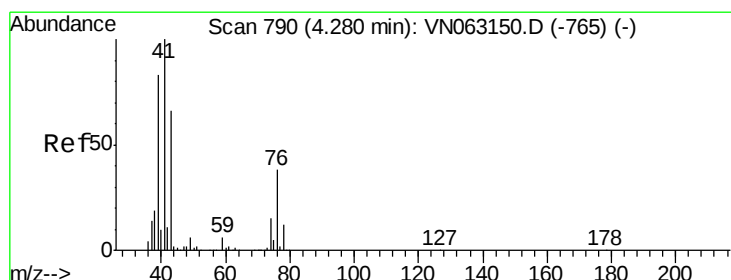
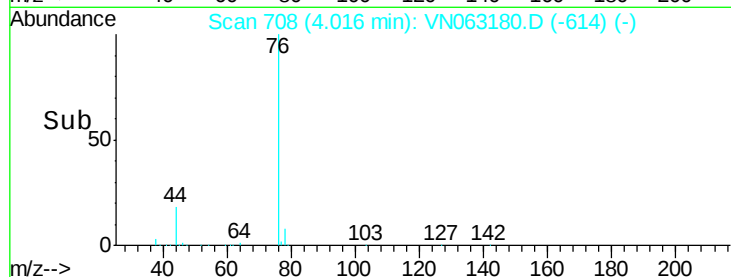
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 54.002 ug/l

RT: 4.28 min Scan# 789

Delta R.T. -0.00 min

Lab File: VN063180.D

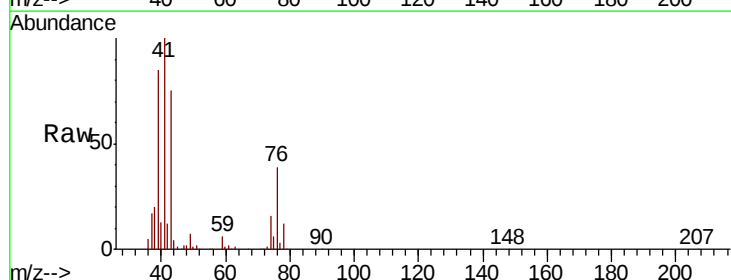
Acq: 2 Sep 2020 1:16

Tgt Ion: 43 Resp: 280190

Ion Ratio Lower Upper

43 100

74 23.4 19.0 28.6



Abundance Ion 43.00 (42.70 to 43.70): VN063180.D (-697) (-)

Ion 74.00 (73.70 to 74.70): VN063180.D (-697) (-)

4.28

100000

80000

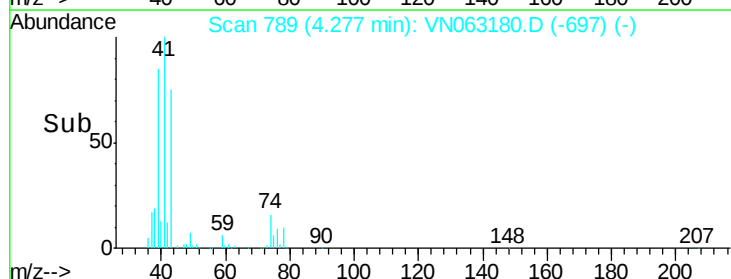
60000

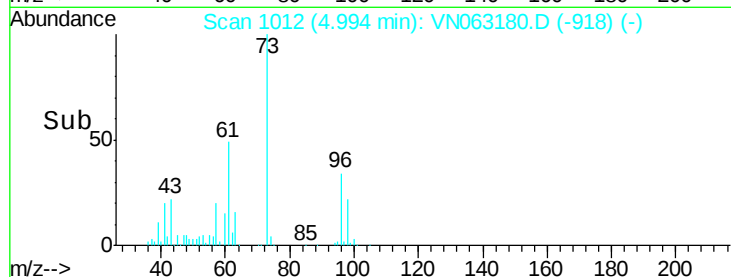
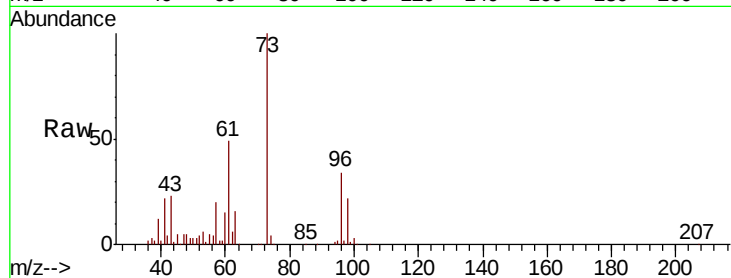
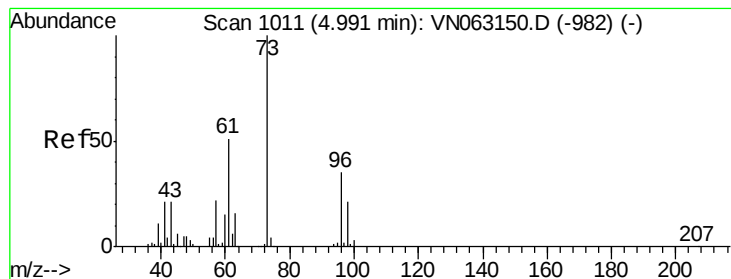
40000

20000

0

Time-->



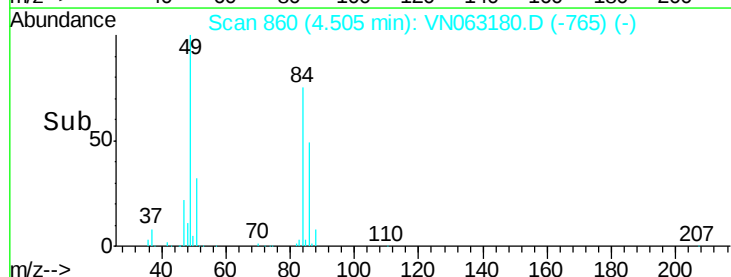
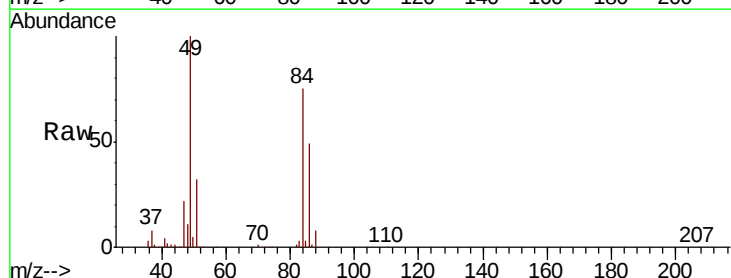
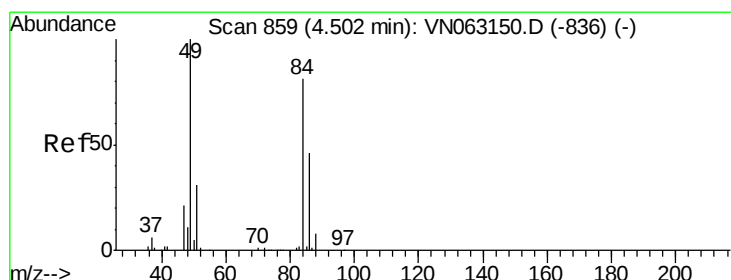
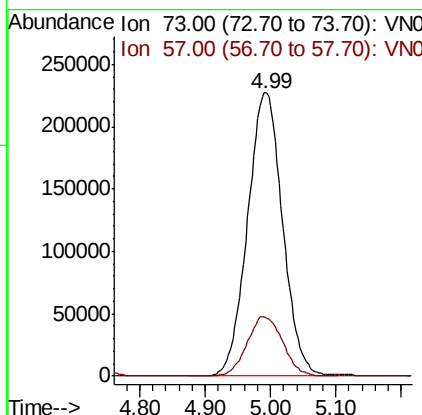


#19

Methyl tert-butyl Ether
Concen: 47.844 ug/l
RT: 4.99 min Scan# 1012
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

Instrument :
MSVOA_N
ClientSampled :

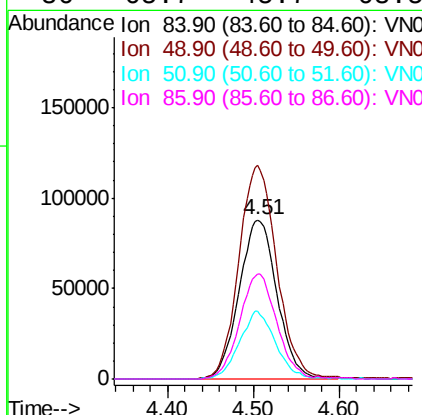
Tot Ion: 73 Resp: 847960
Ion Ratio Lower Upper
73 100
57 20.4 17.6 26.4

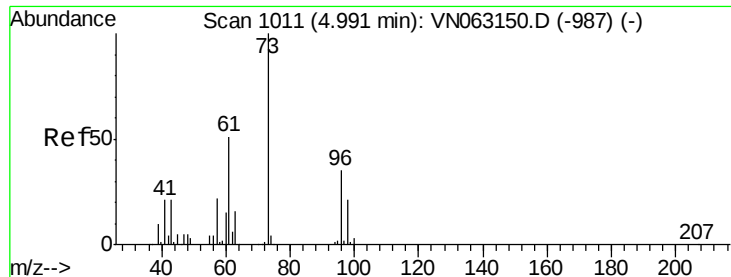


#20

Methylene Chloride
Concen: 47.418 ug/l
RT: 4.51 min Scan# 860
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

Tgt Ion: 84 Resp: 269954
Ion Ratio Lower Upper
84 100
49 134.0 98.4 147.6
51 42.4 30.4 45.6
86 65.7 45.7 68.5



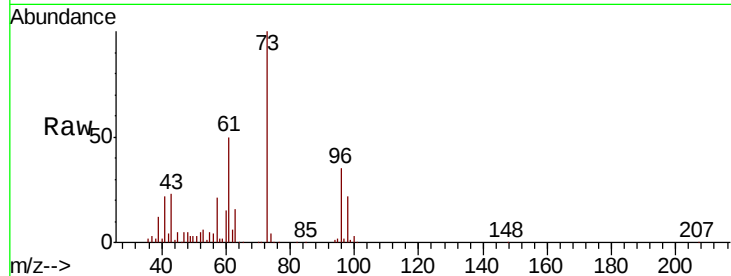


#21

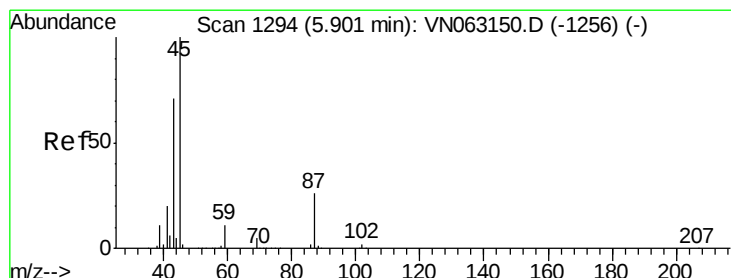
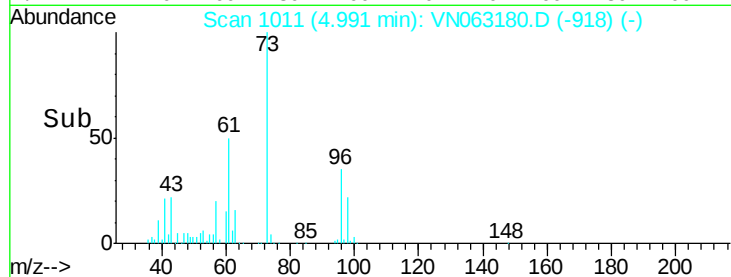
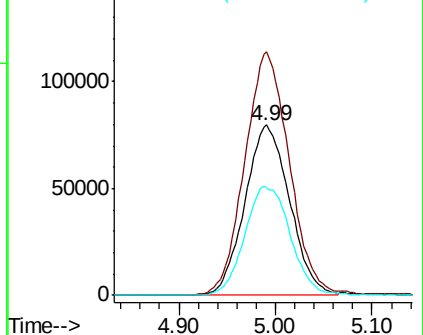
trans-1,2-Dichloroethene
Concen: 48.583 ug/l
RT: 4.99 min Scan# 1011
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 96 Resp: 256441
Ion Ratio Lower Upper
96 100
61 142.6 116.2 174.4
98 63.3 48.0 72.0



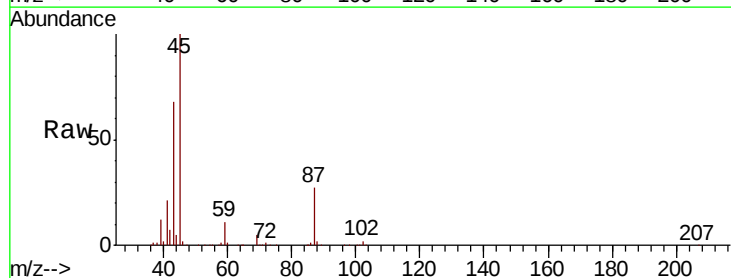
Abundance Ion 95.90 (95.60 to 96.60): VN0
Ion 60.90 (60.60 to 61.60): VN0
Ion 97.90 (97.60 to 98.60): VN0



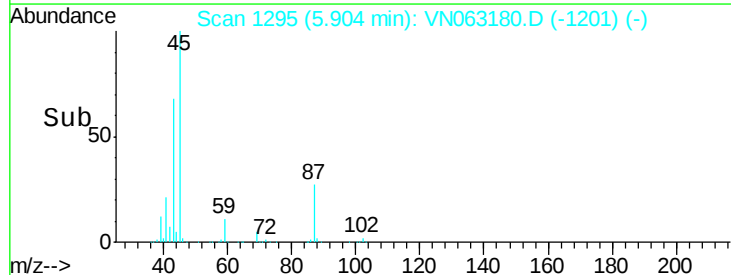
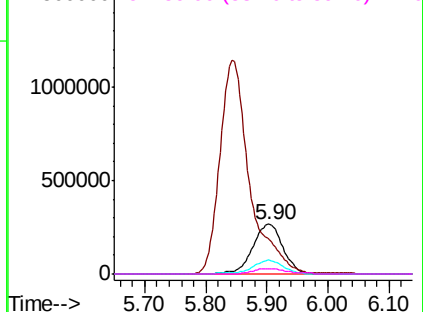
#22

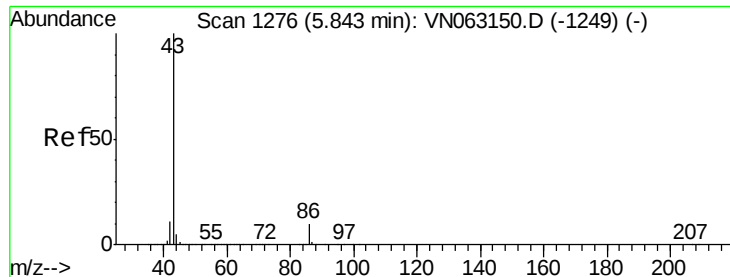
Diisopropyl ether
Concen: 48.394 ug/l
RT: 5.90 min Scan# 1295
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

Tgt Ion: 45 Resp: 920193
Ion Ratio Lower Upper
45 100
43 68.1 56.8 85.2
87 27.2 21.1 31.7
59 11.0 8.9 13.3



Abundance Ion 45.00 (44.70 to 45.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 87.00 (86.70 to 87.70): VN0
Ion 59.00 (58.70 to 59.70): VN0

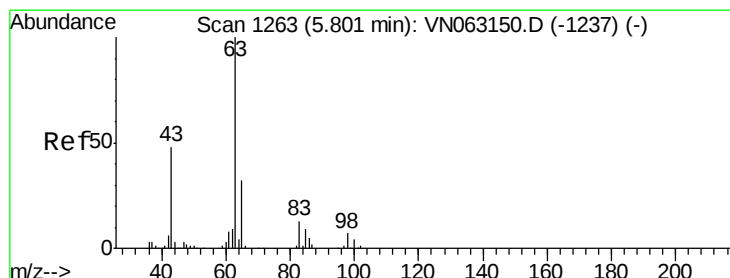
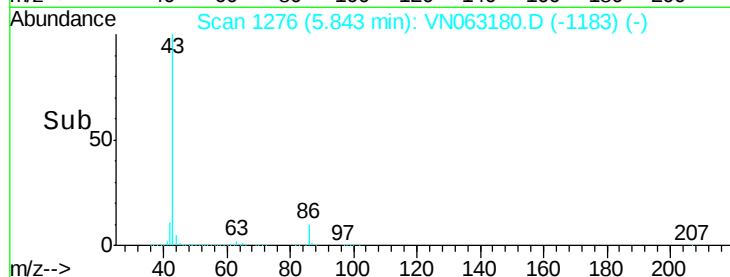
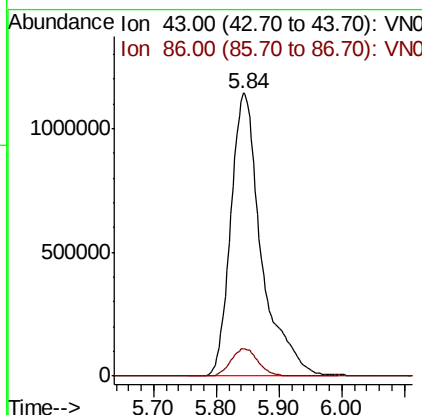
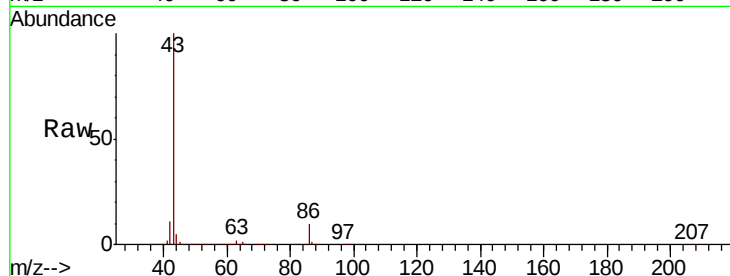




#23
 Vinyl Acetate
 Concen: 255.212 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

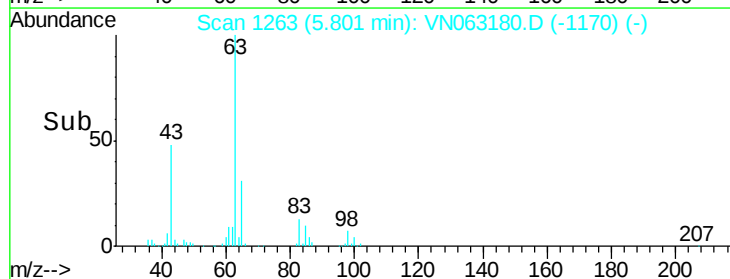
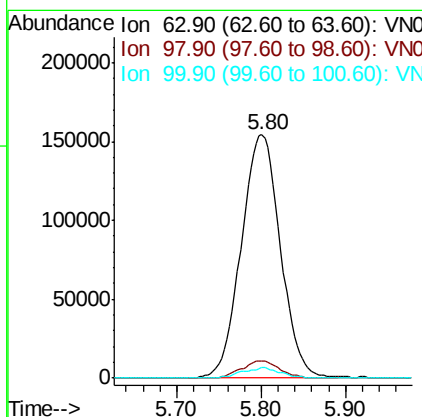
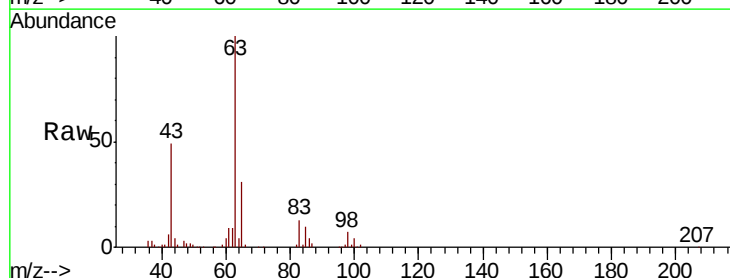
Instrument :
 MSVOA_N
 ClientSampled :

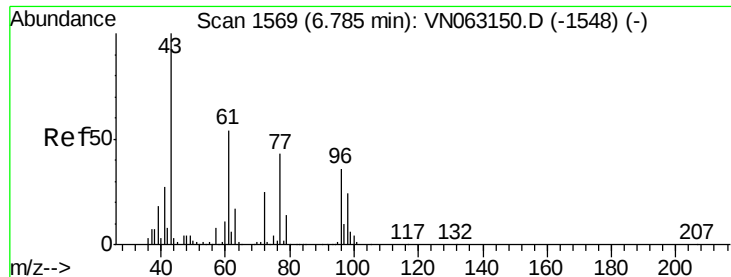
Tot Ion: 43 Resp: 3872052
 Ion Ratio Lower Upper
 43 100
 86 9.8 8.3 12.5



#24
 1,1-Dichloroethane
 Concen: 47.433 ug/l
 RT: 5.80 min Scan# 1263
 Delta R.T. 0.00 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

Tgt Ion: 63 Resp: 497208
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.4 10.1
 100 4.2 2.3 6.8





#25

2-Butanone

Concen: 271.023 ug/l

RT: 6.78 min Scan# 1569

Delta R.T. 0.00 min

Lab File: VN063180.D

Acq: 2 Sep 2020 1:16

Instrument :

MSVOA_N

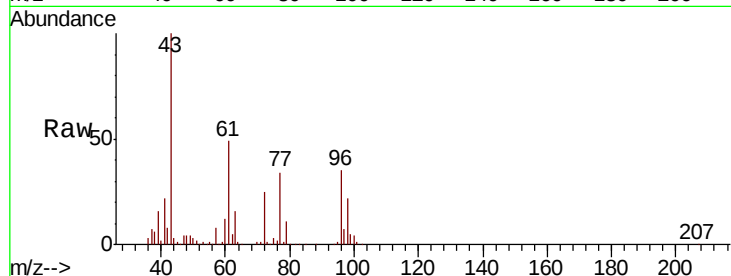
ClientSampled :

Tot Ion: 43 Resp: 849196

Ion Ratio Lower Upper

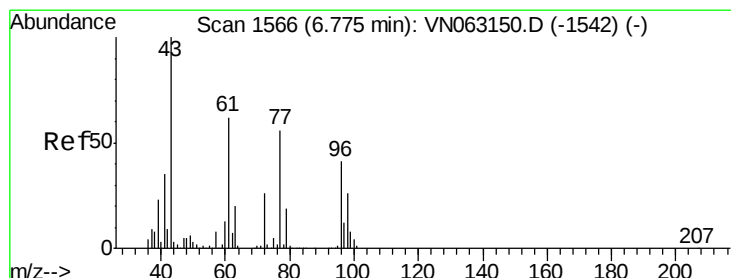
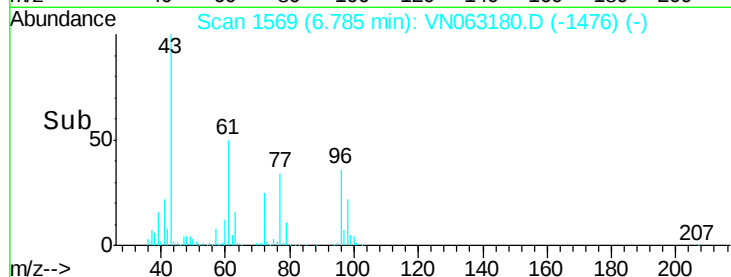
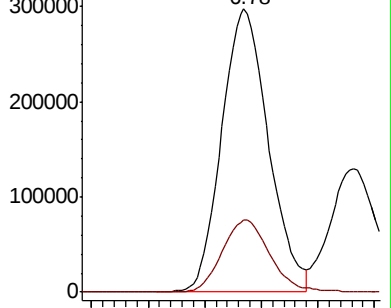
43 100

72 25.3 20.2 30.4



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 72.00 (71.70 to 72.70): VN0



#26

2,2-Dichloropropane

Concen: 35.900 ug/l

RT: 6.78 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VN063180.D

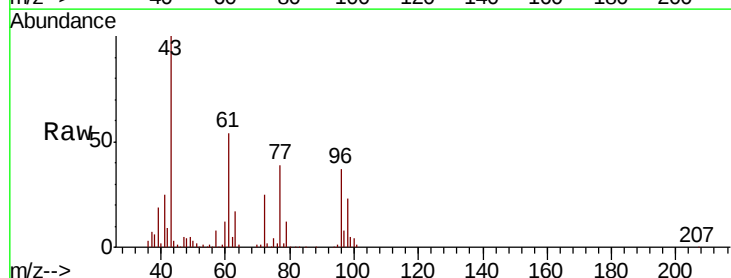
Acq: 2 Sep 2020 1:16

Tgt Ion: 77 Resp: 340955

Ion Ratio Lower Upper

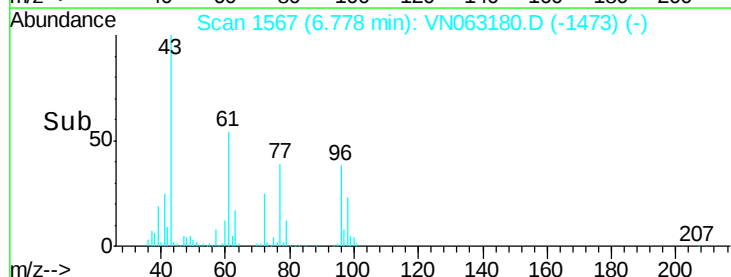
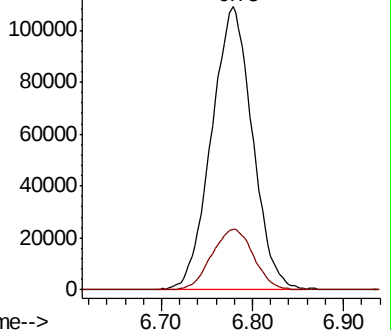
77 100

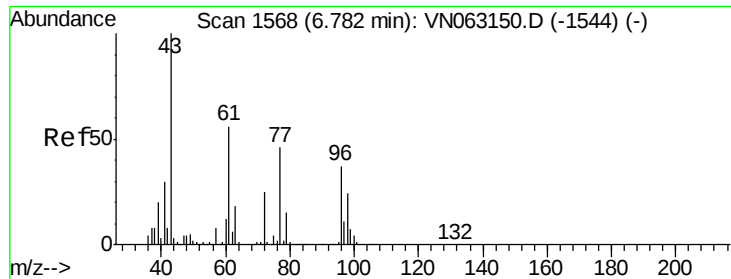
97 22.0 10.7 31.9



Abundance Ion 76.90 (76.60 to 77.60): VN0

Ion 96.90 (96.60 to 97.60): VN0



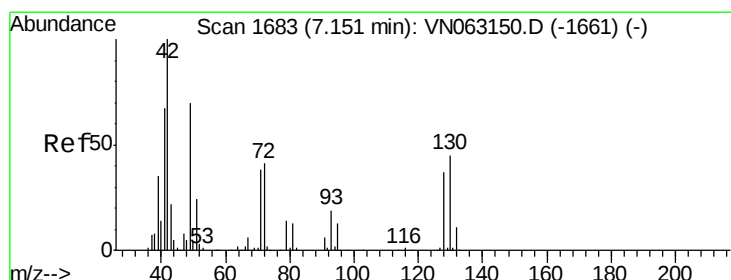
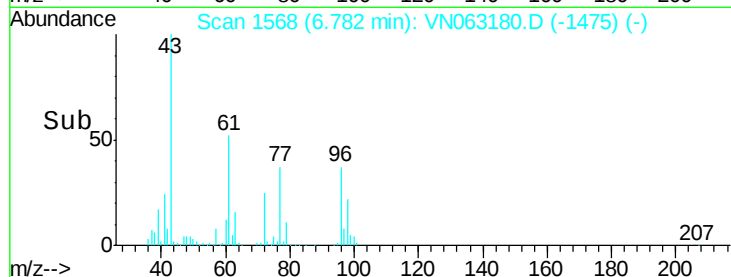
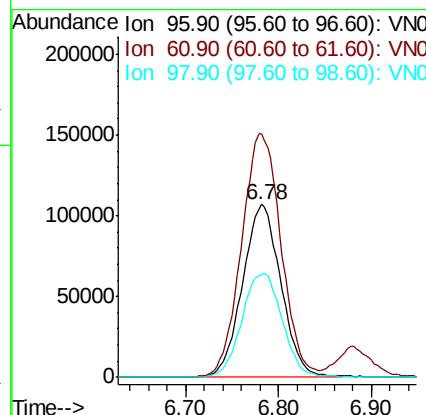
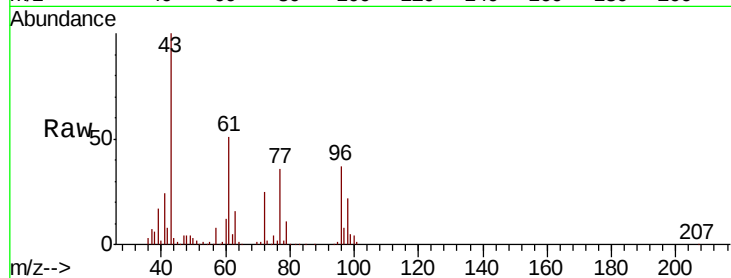


#27

cis-1,2-Dichloroethene
 Concen: 47.973 ug/l
 RT: 6.78 min Scan# 1568
 Delta R.T. 0.00 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

Instrument :
 MSVOA_N
 ClientSampled :

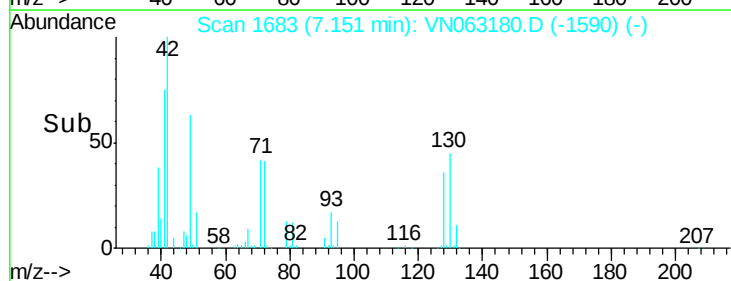
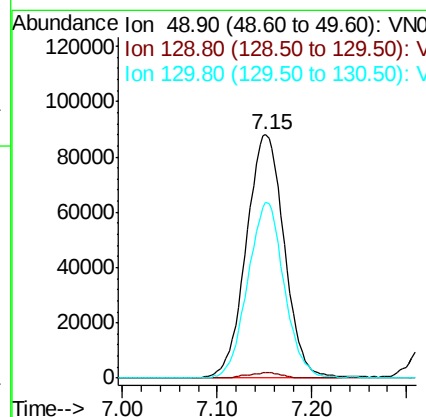
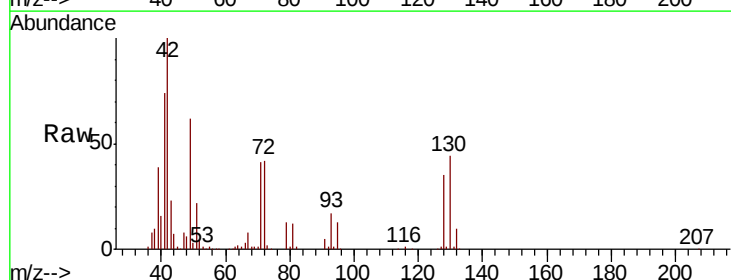
Tot Ion	96	Resp	307787
Ion	Ratio	Lower	Upper
96	100		
61	145.2	0.0	303.2
98	63.2	0.0	129.0

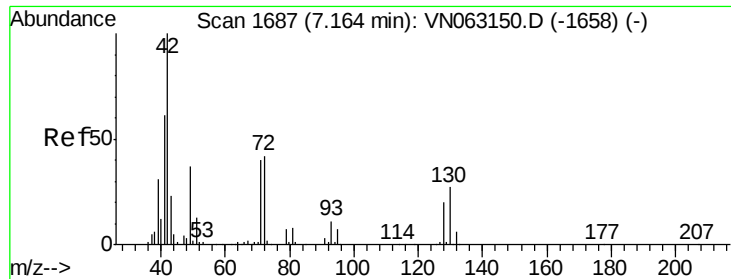


#28

Bromochloromethane
 Concen: 44.569 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

Tgt Ion	49	Resp	244082
Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	69.8	54.4	81.6

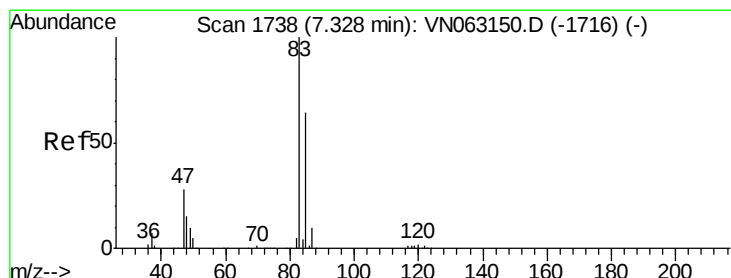
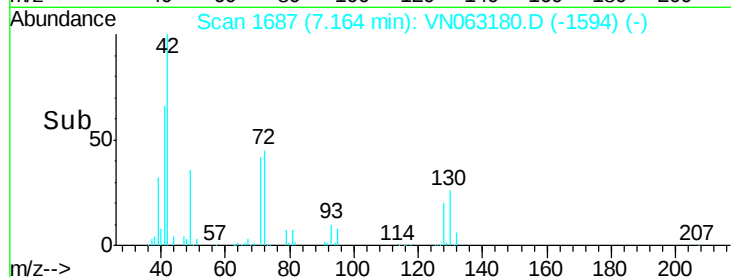
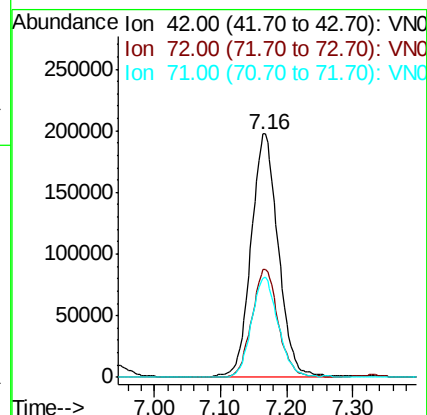
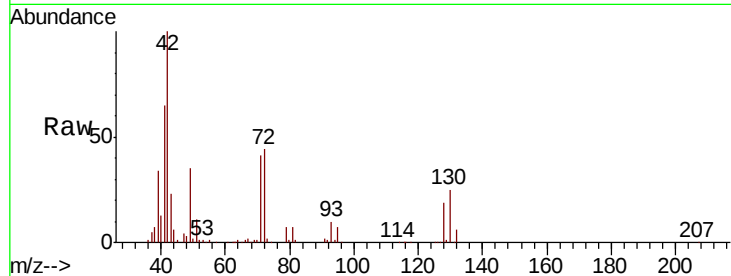




#29
Tetrahydrofuran
Concen: 258.912 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

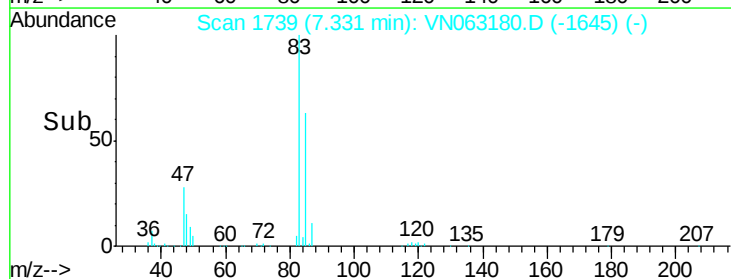
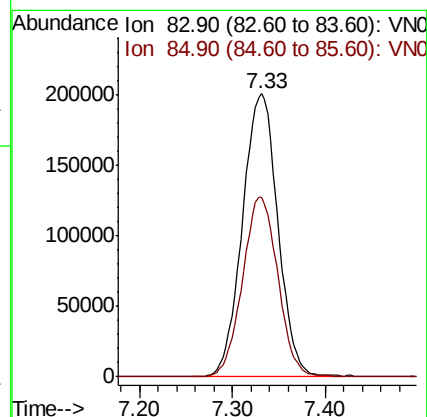
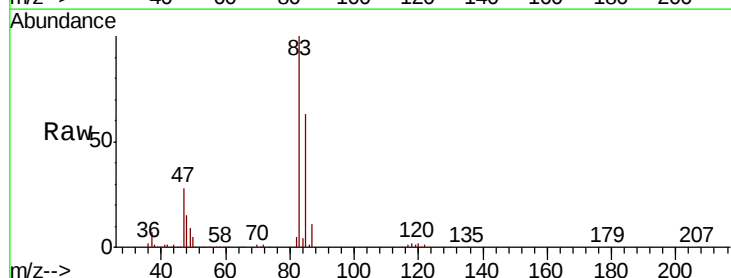
Instrument :
MSVOA_N
ClientSampleId :

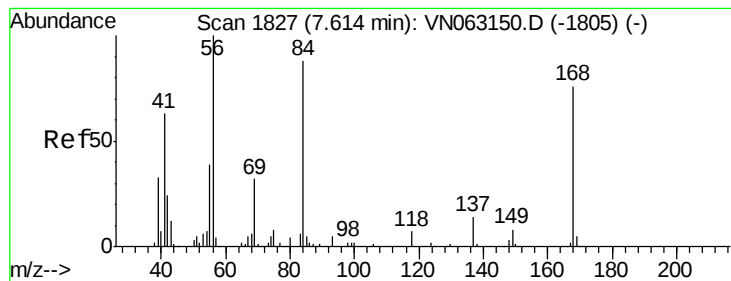
Tot Ion: 42 Resp: 560942
Ion Ratio Lower Upper
42 100
72 43.4 33.9 50.9
71 40.5 31.9 47.9



#30
Chloroform
Concen: 48.470 ug/l
RT: 7.33 min Scan# 1739
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

Tgt Ion: 83 Resp: 531561
Ion Ratio Lower Upper
83 100
85 63.4 51.0 76.6





#31

Cyclohexane

Concen: 46.233 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063180.D

Acq: 2 Sep 2020 1:16

Instrument :
MSVOA_N
ClientSampleId :

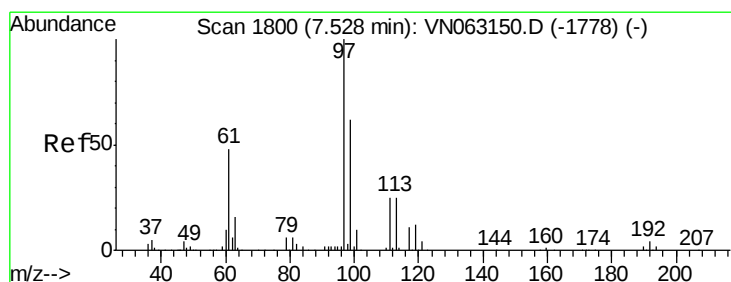
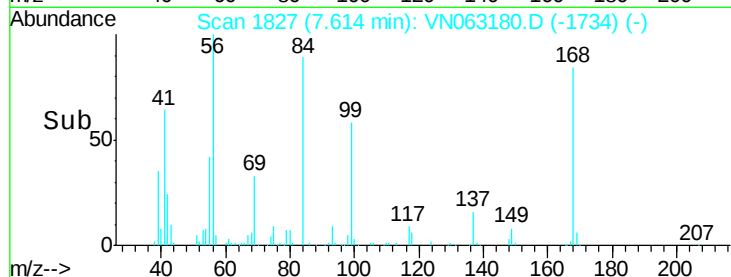
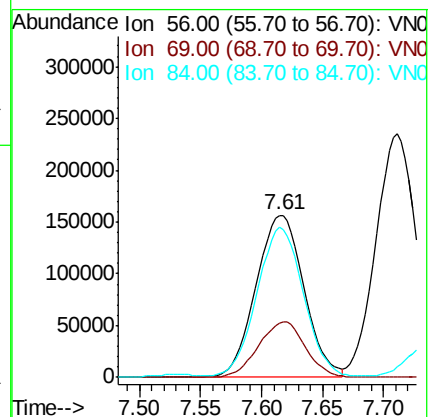
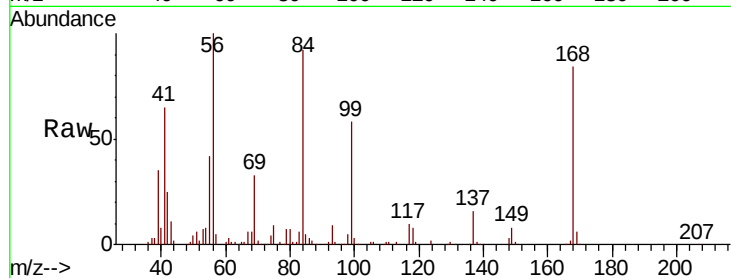
Tot Ion: 56 Resp: 428289

Ion Ratio Lower Upper

56 100

69 33.5 25.4 38.0

84 90.8 70.2 105.4



#32

1,1,1-Trichloroethane

Concen: 49.328 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN063180.D

Acq: 2 Sep 2020 1:16

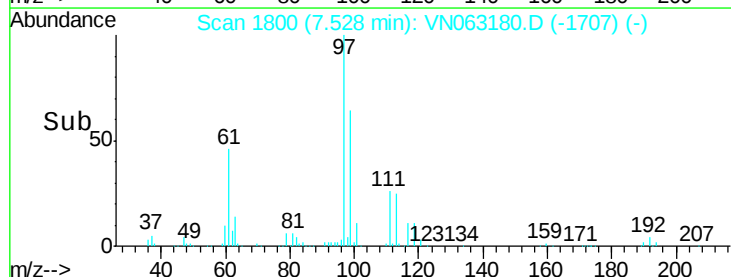
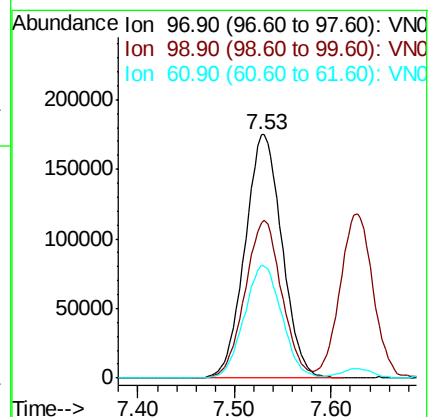
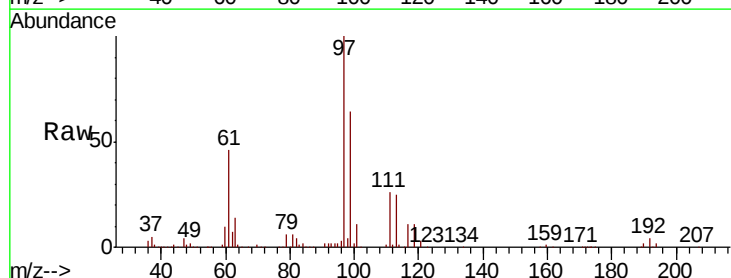
Tgt Ion: 97 Resp: 466158

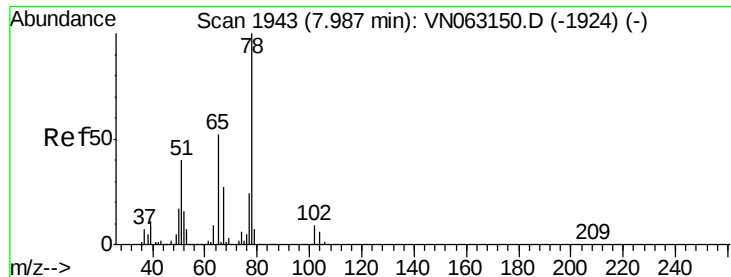
Ion Ratio Lower Upper

97 100

99 64.1 50.8 76.2

61 46.8 37.4 56.2





#33

1,2-Dichloroethane-d4

Concen: 50.085 ug/l

RT: 7.99 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VN063180.D

Acq: 2 Sep 2020 1:16

Instrument :

MSVOA_N

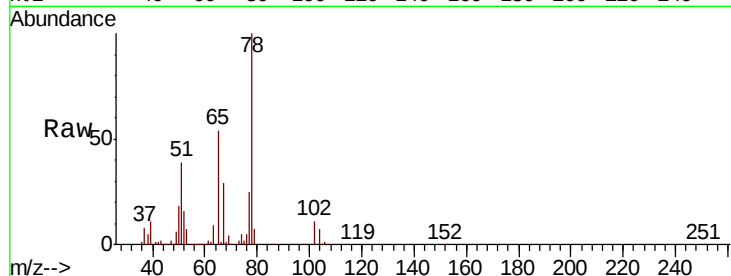
ClientSampleId :

Tot Ion: 65 Resp: 356524

Ion Ratio Lower Upper

65 100

67 51.5 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VN063180.D (-1850) (-)

Ion 66.90 (66.60 to 67.60): VN063180.D (-1850) (-)

7.99

150000

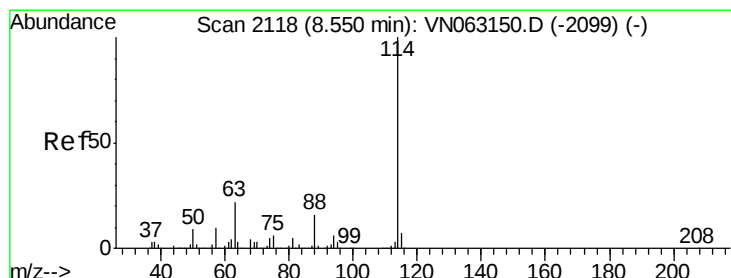
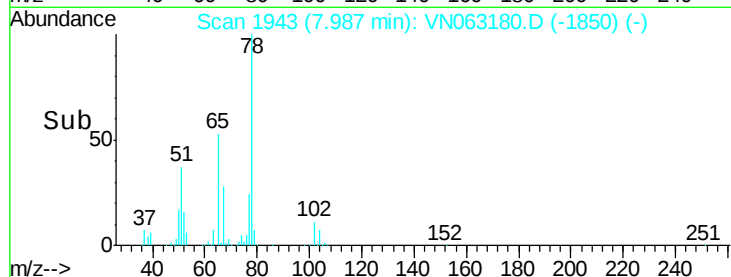
100000

50000

0

7.90 7.95 8.00 8.05 8.10

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.55 min Scan# 2118

Delta R.T. 0.00 min

Lab File: VN063180.D

Acq: 2 Sep 2020 1:16

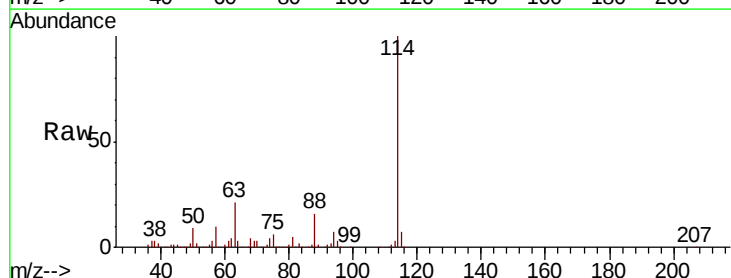
Tgt Ion: 114 Resp: 822779

Ion Ratio Lower Upper

114 100

63 21.1 0.0 43.0

88 15.9 0.0 31.6



Abundance Ion 113.90 (113.60 to 114.60): VN063180.D (-2025) (-)

Ion 63.00 (62.70 to 63.70): VN063180.D (-2025) (-)

Ion 87.90 (87.60 to 88.60): VN063180.D (-2025) (-)

8.55

500000

400000

300000

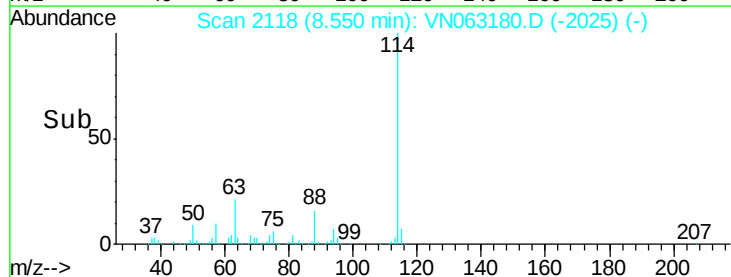
200000

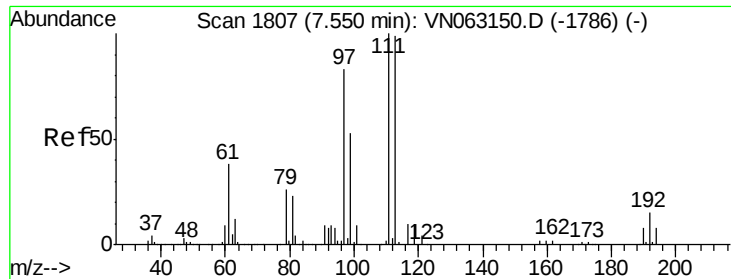
100000

0

8.50 8.55 8.60

Time-->

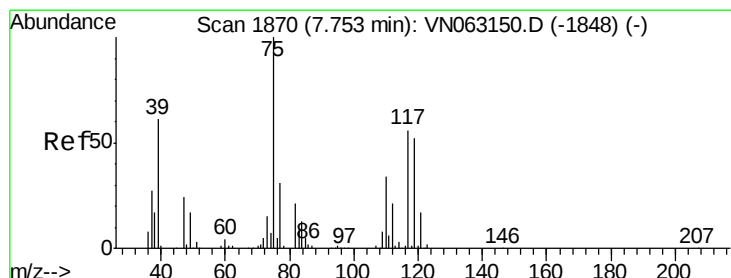
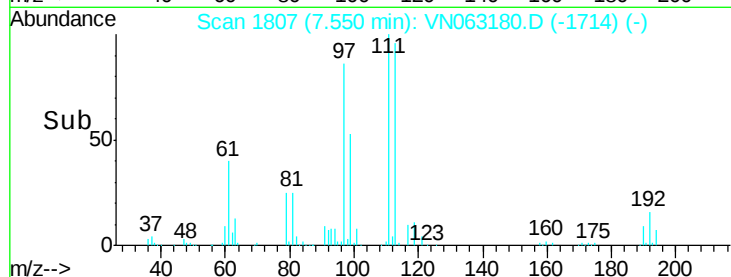
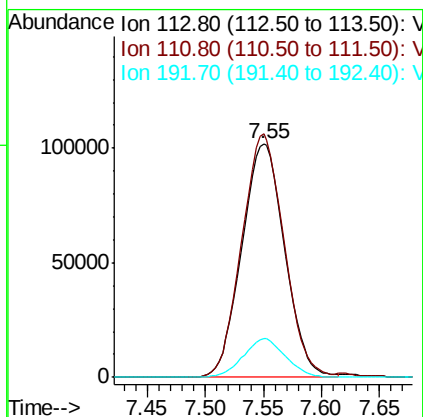
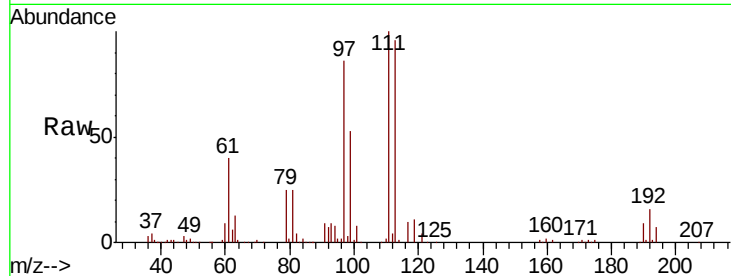




#35
 Dibromofluoromethane
 Concen: 49.944 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

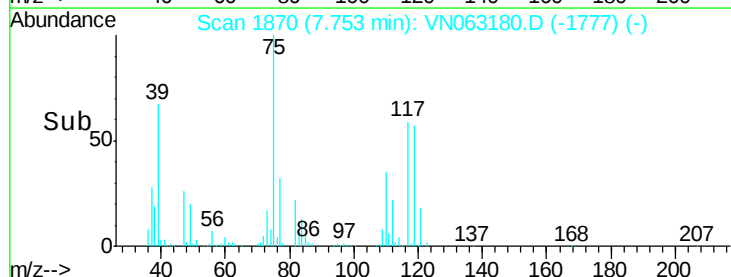
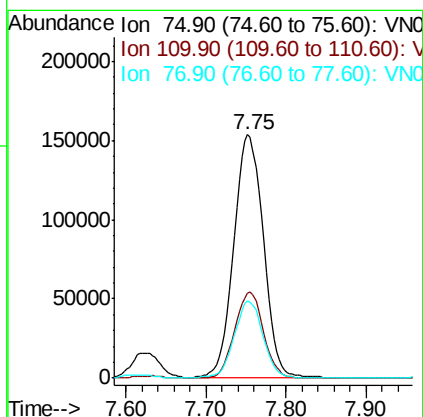
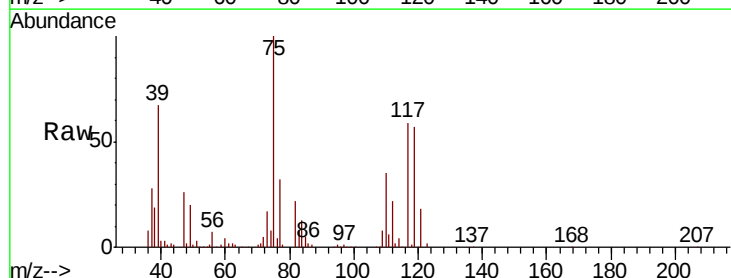
Instrument :
 MSVOA_N
 ClientSampleId :

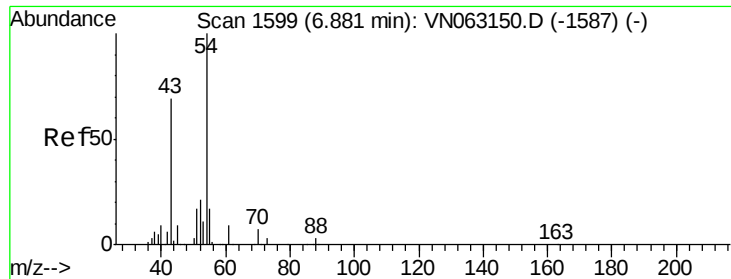
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.3	80.7	121.1
192	16.4	12.6	19.0



#36
 1,1-Dichloropropene
 Concen: 48.638 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

Tgt Ion	Ratio	Lower	Upper
75	100		
110	34.2	16.6	49.8
77	31.0	25.4	38.2

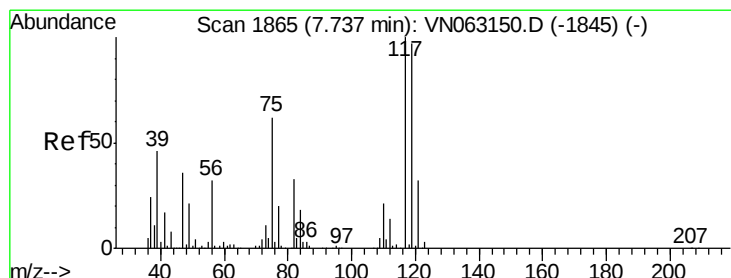
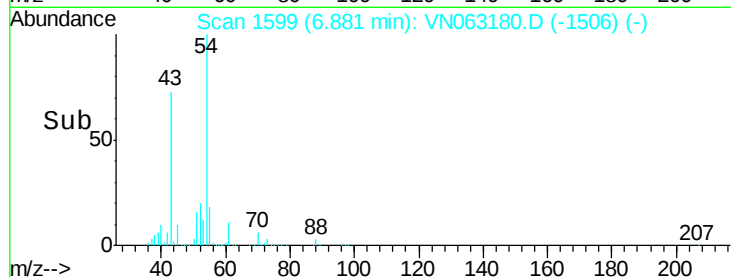
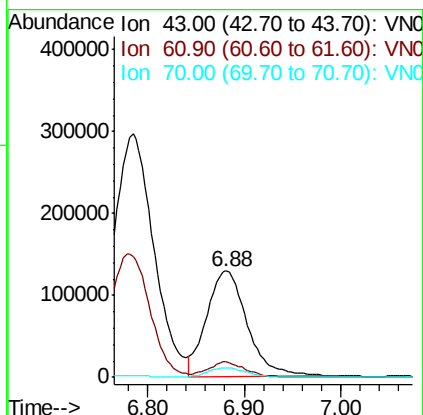
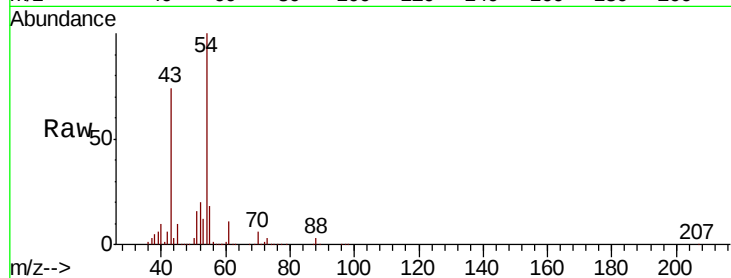




#37
Ethyl Acetate
Concen: 50.456 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

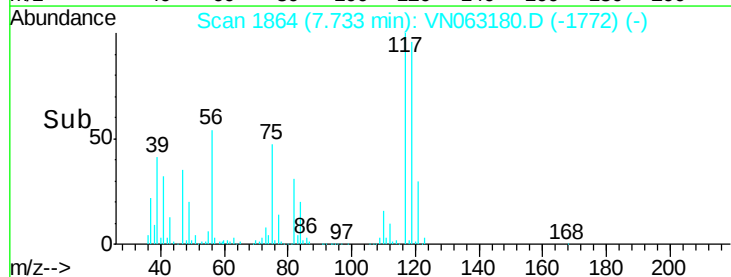
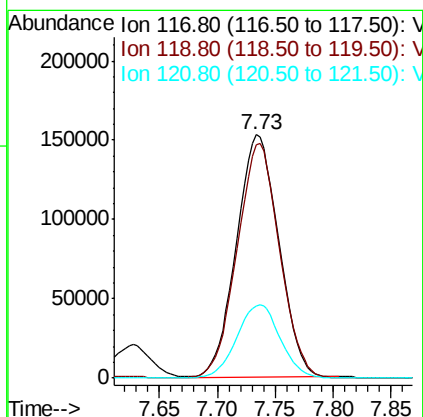
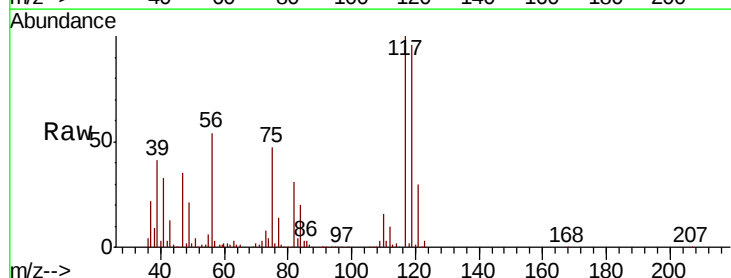
Instrument :
MSVOA_N
ClientSampleId :

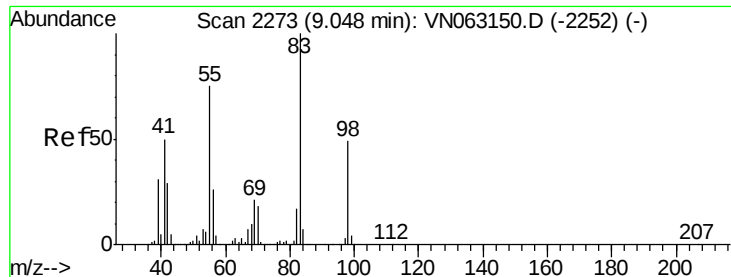
Tot Ion: 43 Resp: 376881
Ion Ratio Lower Upper
43 100
61 13.2 10.2 15.4
70 8.4 3.0 4.6#



#38
Carbon Tetrachloride
Concen: 48.452 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. -0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

Tgt Ion: 117 Resp: 388662
Ion Ratio Lower Upper
117 100
119 96.1 77.2 115.8
121 29.7 25.6 38.4

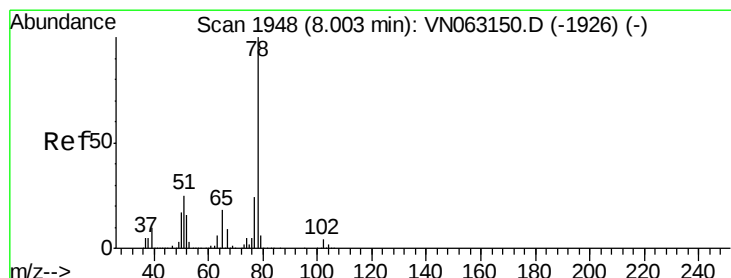
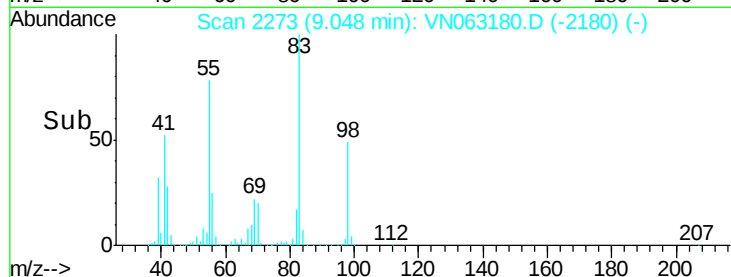
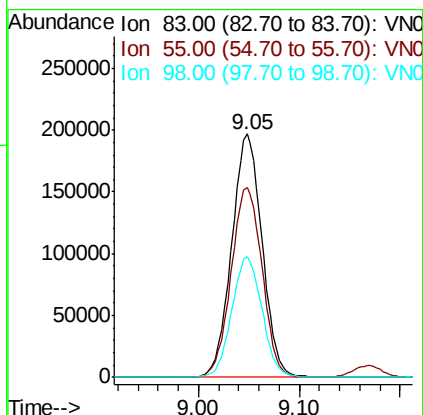
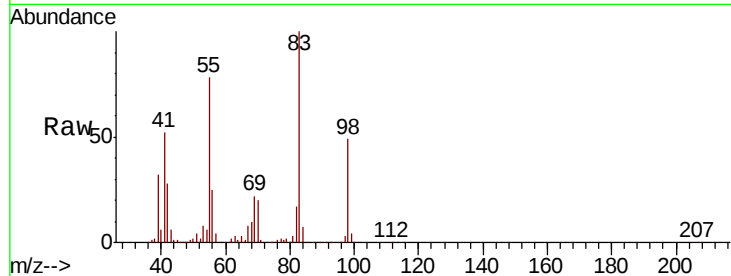




#39
Methvlcvclohexane
Concen: 46.431 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

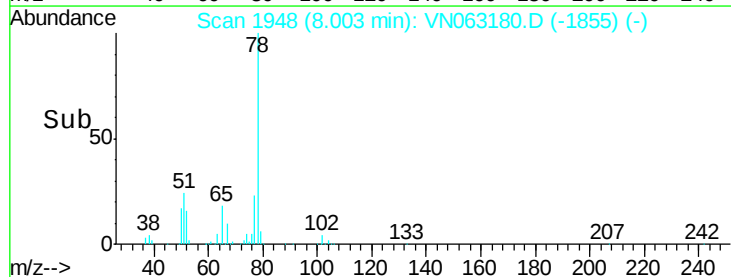
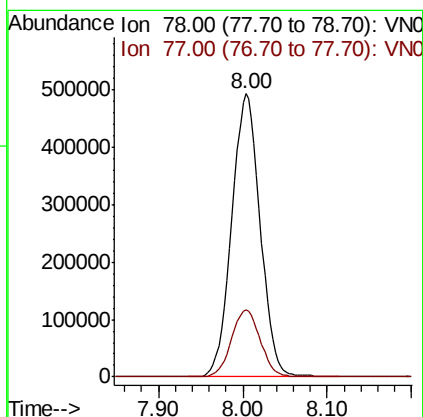
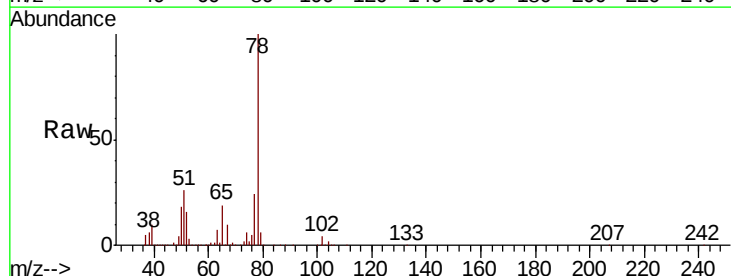
Instrument :
MSVOA_N
ClientSampled :

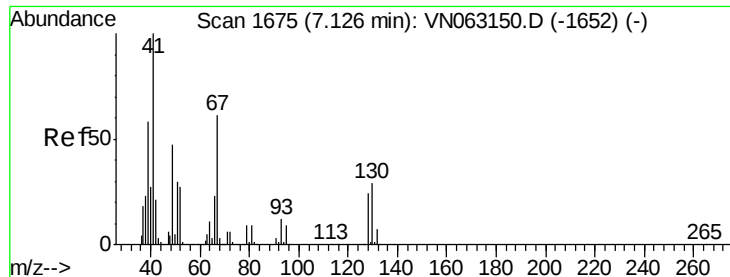
Tot Ion: 83 Resp: 412590
Ion Ratio Lower Upper
83 100
55 78.0 60.3 90.5
98 49.4 38.9 58.3



#40
Benzene
Concen: 49.807 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

Tgt Ion: 78 Resp: 1157697
Ion Ratio Lower Upper
78 100
77 23.7 19.3 28.9

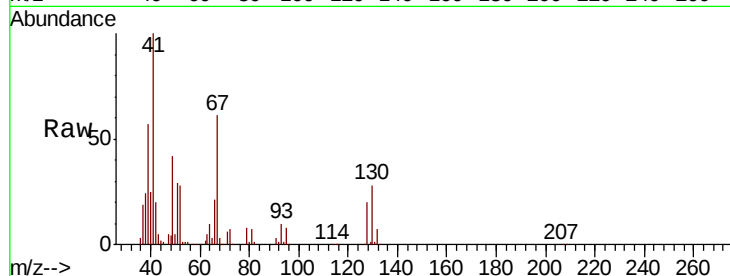




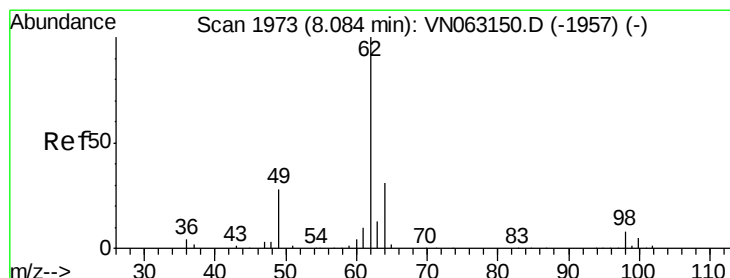
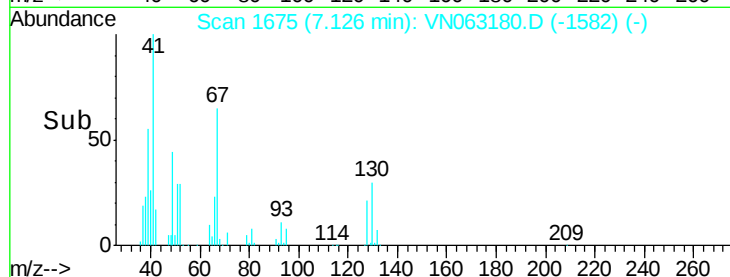
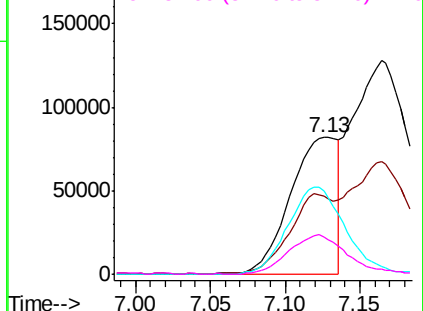
#41
Methacrylonitrile
Concen: 53.607 ug/l
RT: 7.13 min Scan# 1675
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:	41	Resp:	178631
Ion	Ratio	Lower	Upper
41	100		
39	52.3	46.6	70.0
67	77.7	62.6	94.0
52	35.6	28.0	42.0

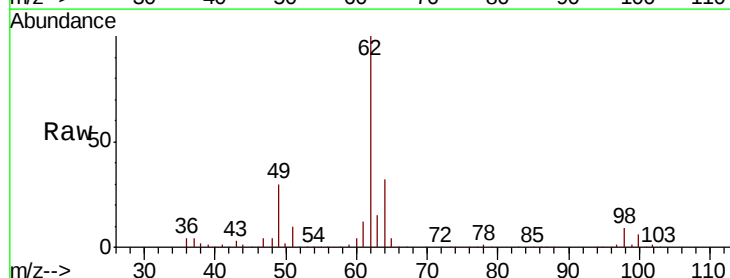


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

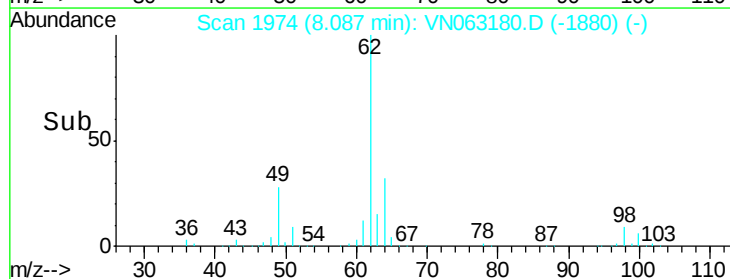
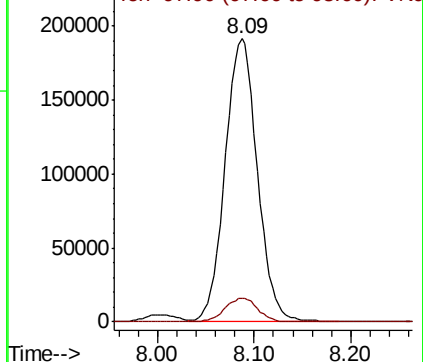


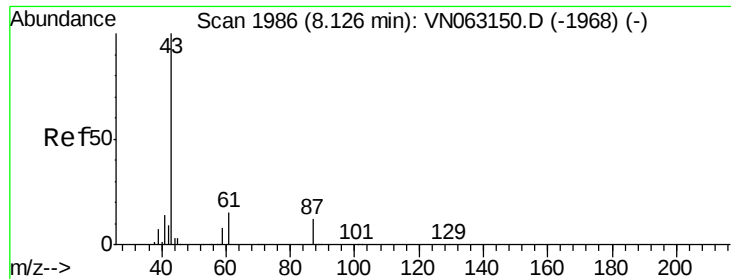
#42
1,2-Dichloroethane
Concen: 50.894 ug/l
RT: 8.09 min Scan# 1974
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

Tgt Ion:	62	Resp:	441893
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.2



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

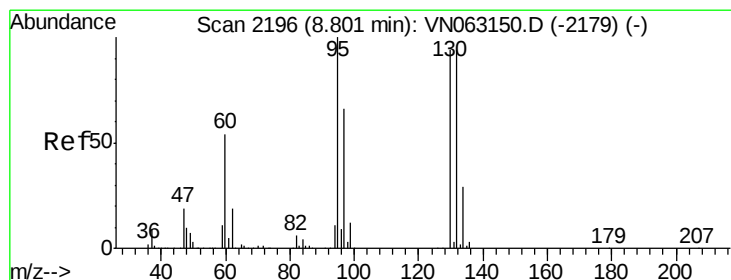
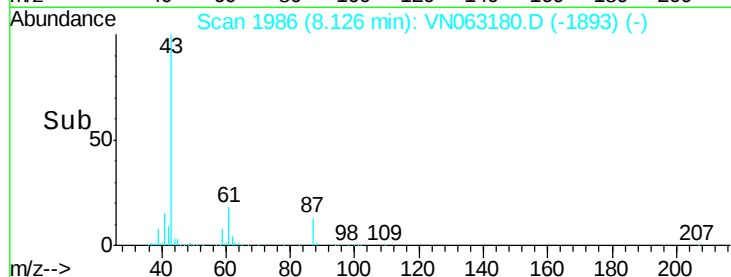
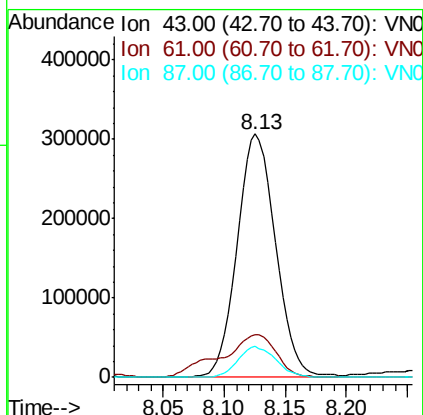
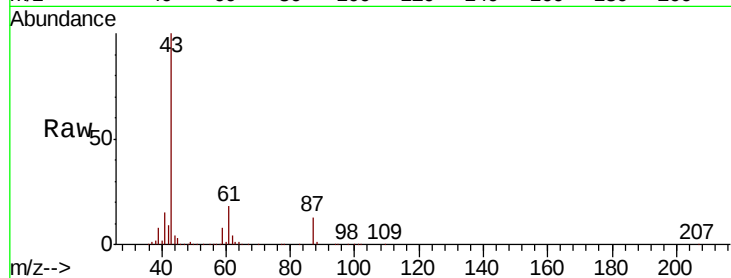




#43
Isopropyl Acetate
Concen: 51.533 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

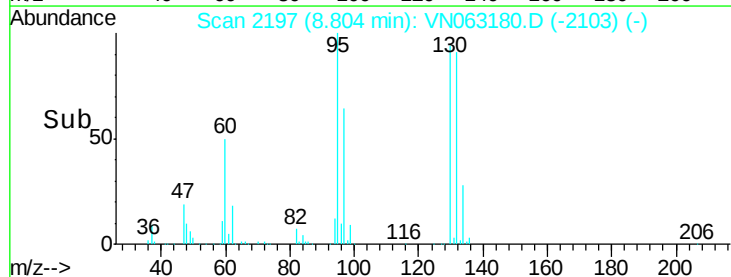
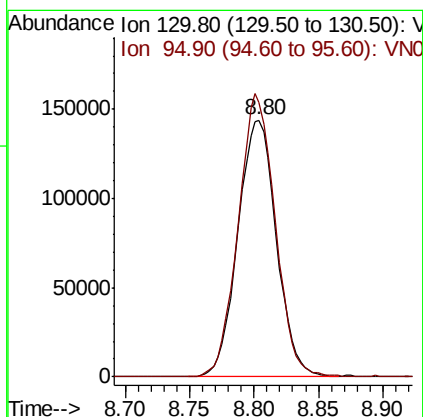
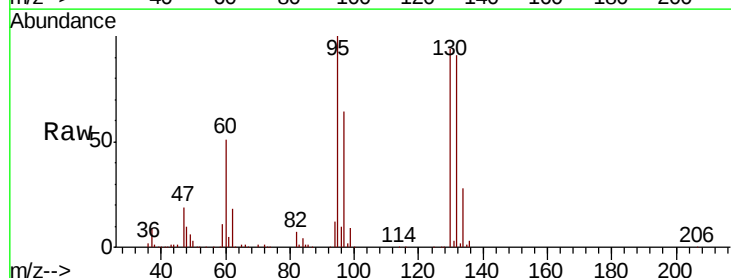
Instrument :
MSVOA_N
ClientSampled :

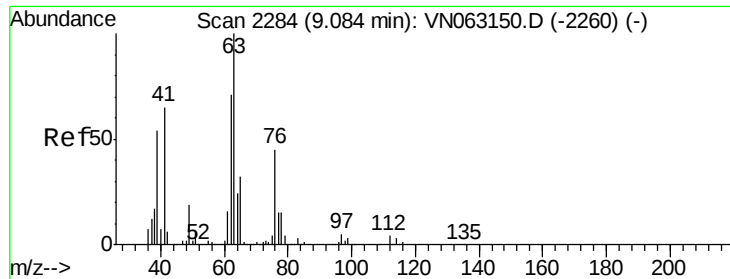
Tot Ion: 43 Resp: 664755
Ion Ratio Lower Upper
43 100
61 25.3 20.2 30.4
87 12.6 9.8 14.6



#44
Trichloroethene
Concen: 53.162 ug/l
RT: 8.80 min Scan# 2197
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

Tgt Ion: 130 Resp: 299729
Ion Ratio Lower Upper
130 100
95 106.7 0.0 212.0

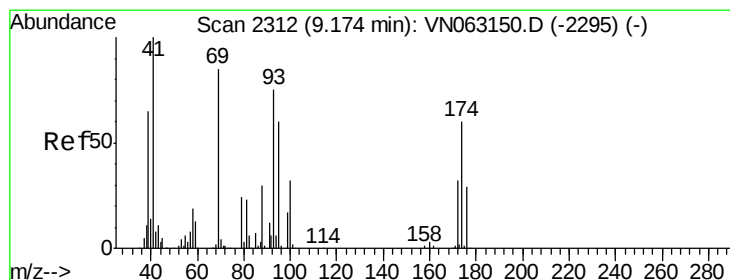
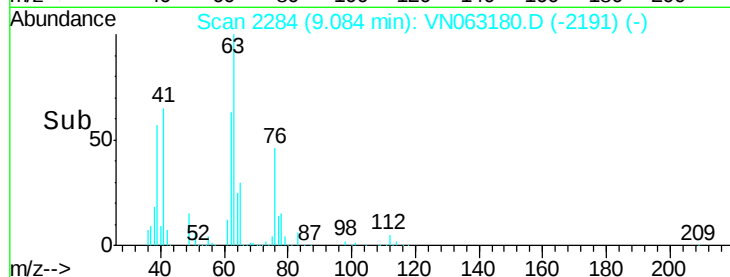
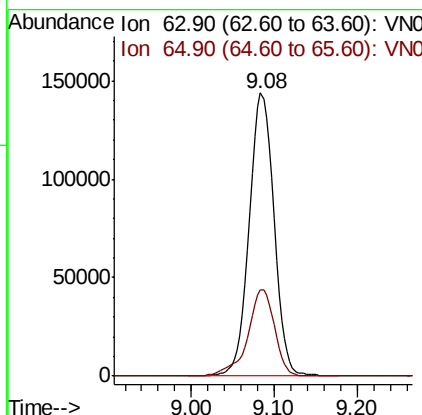
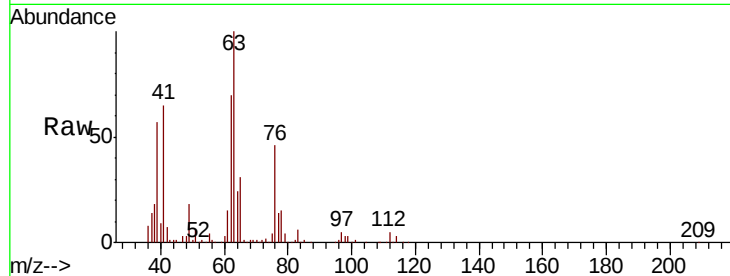




#45
 1,2-Dichloropropane
 Concen: 48.613 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

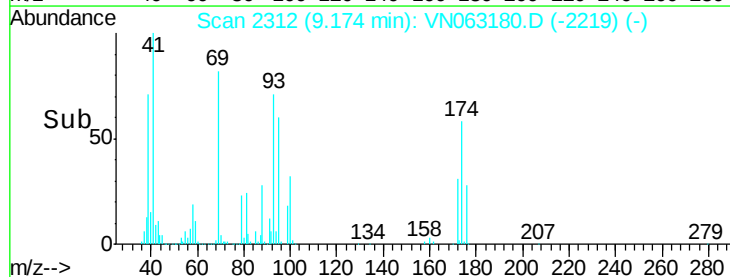
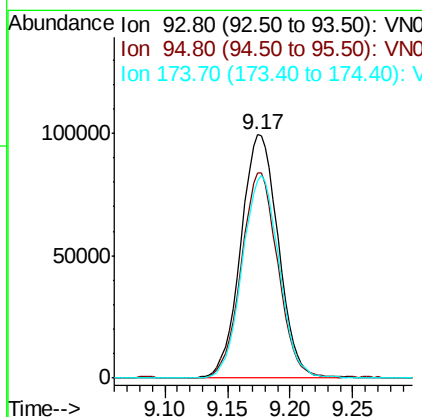
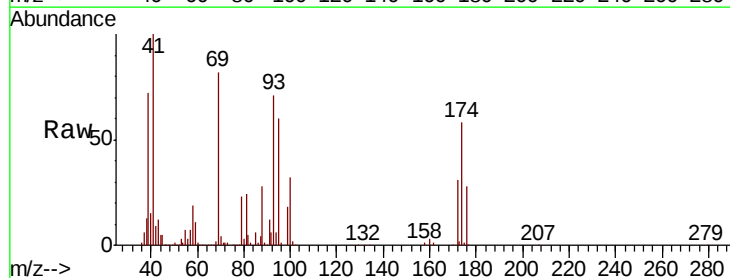
Instrument :
 MSVOA_N
 ClientSampleId :

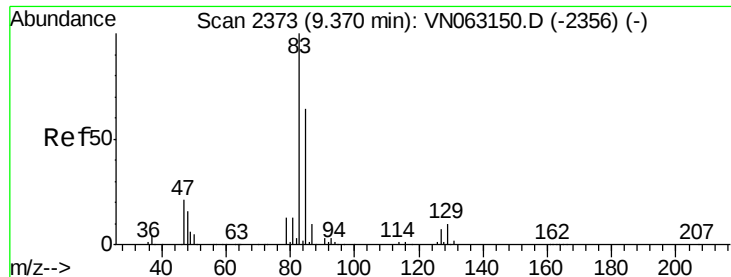
Tot Ion: 63 Resp: 299175
 Ion Ratio Lower Upper
 63 100
 65 30.4 25.4 38.0



#46
 Dibromomethane
 Concen: 50.711 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

Tgt Ion: 93 Resp: 206820
 Ion Ratio Lower Upper
 93 100
 95 82.7 65.2 97.8
 174 82.1 64.6 97.0





#47

Bromodichloromethane

Concen: 49.482 ug/l

RT: 9.37 min Scan# 2373

Delta R.T. 0.00 min

Lab File: VN063180.D

Acq: 2 Sep 2020 1:16

Instrument :

MSVOA_N

ClientSampled :

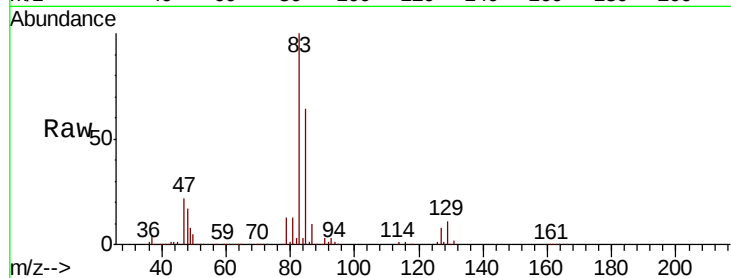
Tot Ion: 83 Resp: 432563

Ion Ratio Lower Upper

83 100

85 64.0 51.0 76.6

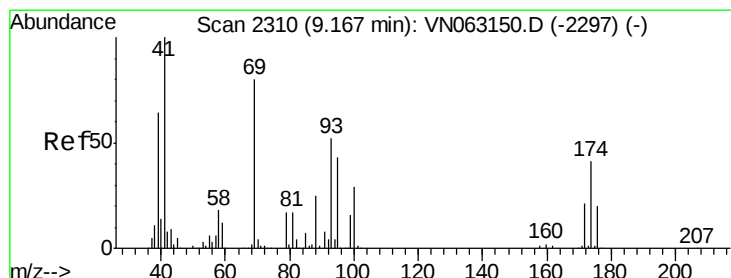
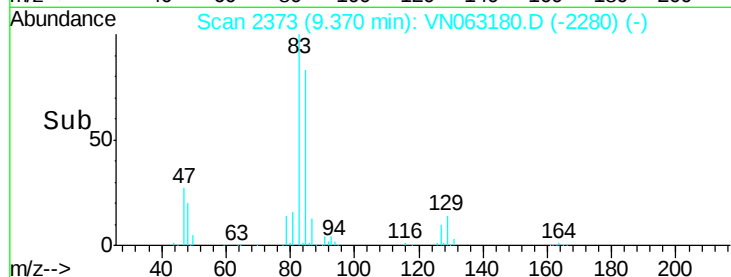
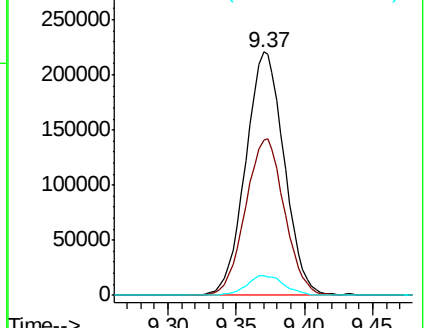
127 8.0 5.7 8.5



Abundance Ion 82.90 (82.60 to 83.60): VN063180.D (-2280) (-)

Ion 84.90 (84.60 to 85.60): VN063180.D (-2280) (-)

Ion 126.80 (126.50 to 127.50): VN063180.D (-2280) (-)



#48

Methyl methacrylate

Concen: 53.324 ug/l

RT: 9.17 min Scan# 2310

Delta R.T. 0.00 min

Lab File: VN063180.D

Acq: 2 Sep 2020 1:16

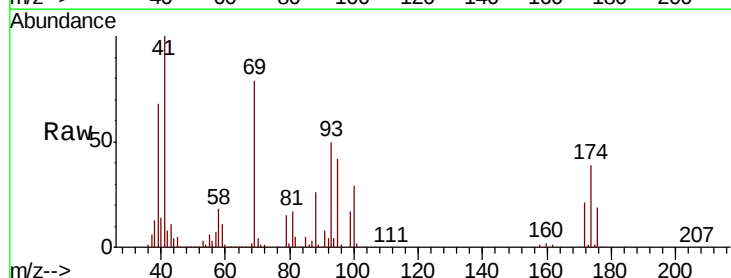
Tgt Ion: 41 Resp: 310088

Ion Ratio Lower Upper

41 100

69 81.3 65.9 98.9

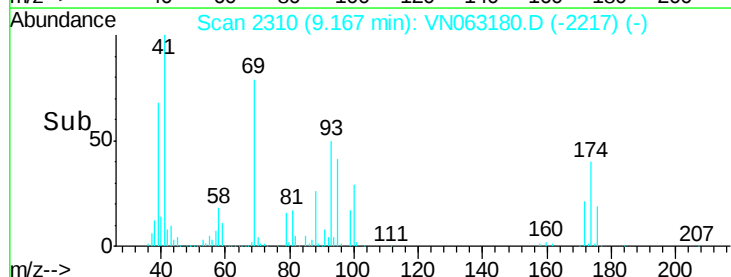
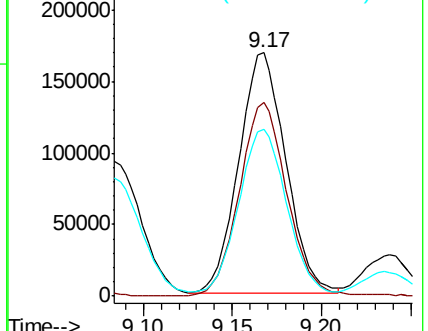
39 71.1 52.0 78.0

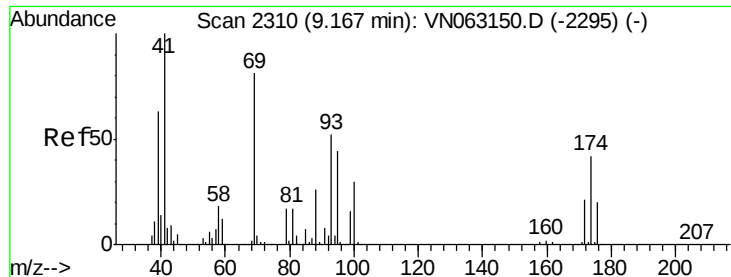


Abundance Ion 41.00 (40.70 to 41.70): VN063180.D (-2217) (-)

Ion 69.00 (68.70 to 69.70): VN063180.D (-2217) (-)

Ion 39.00 (38.70 to 39.70): VN063180.D (-2217) (-)

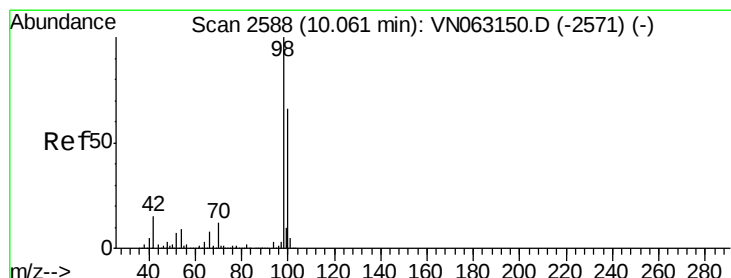
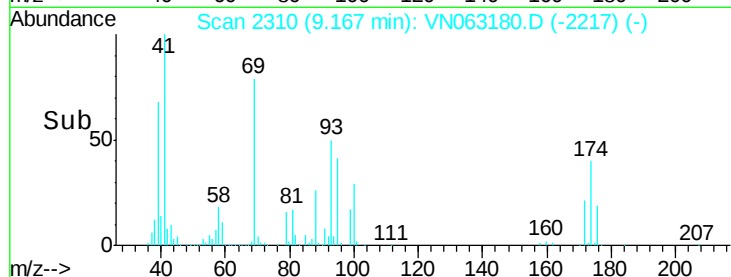
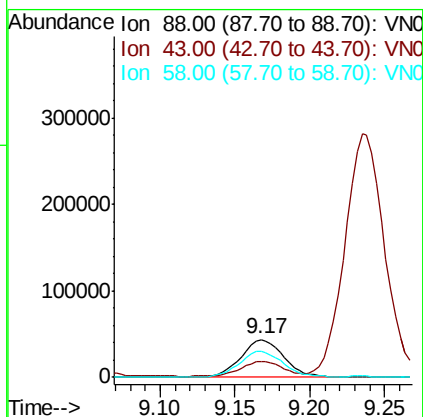
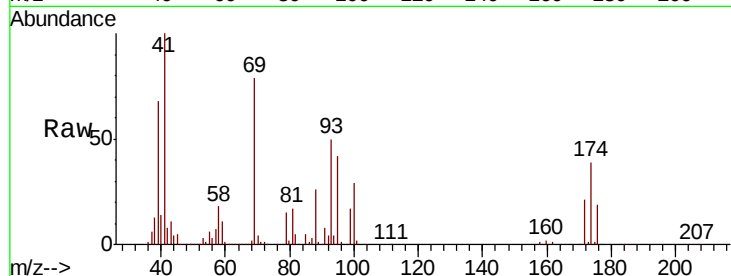




#49
 1,4-Dioxane
 Concen: 972.816 ug/l
 RT: 9.17 min Scan# 2310
 Delta R.T. 0.00 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

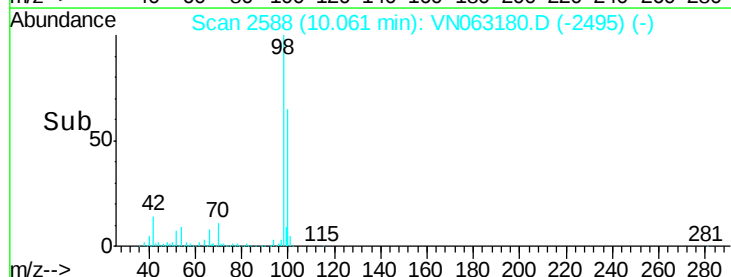
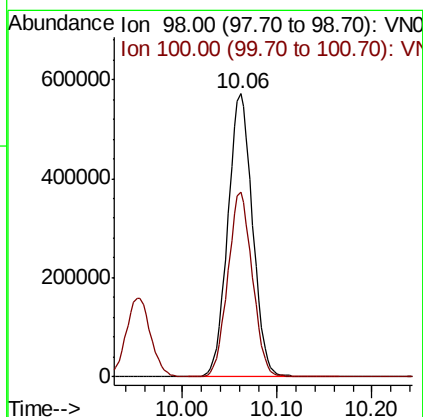
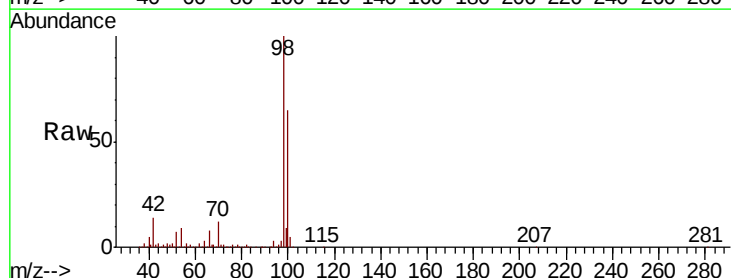
Instrument :
 MSVOA_N
 ClientSampled :

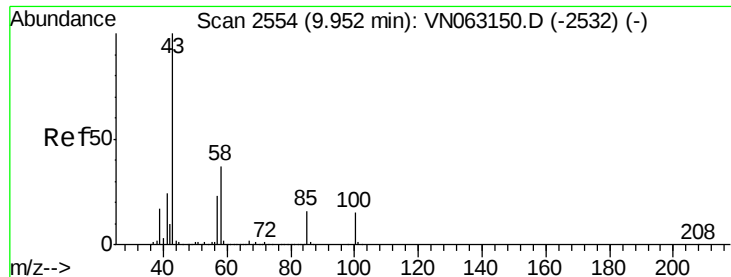
Tot Ion: 88 Resp: 87499
 Ion Ratio Lower Upper
 88 100
 43 39.2 28.6 42.8
 58 71.0 53.2 79.8



#50
 Toluene-d8
 Concen: 51.038 ug/l
 RT: 10.06 min Scan# 2588
 Delta R.T. 0.00 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

Tgt Ion: 98 Resp: 1036942
 Ion Ratio Lower Upper
 98 100
 100 64.3 52.0 78.0

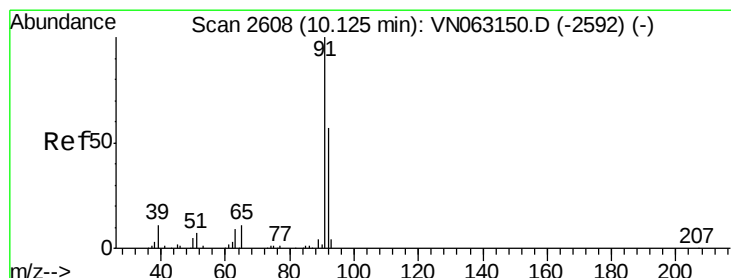
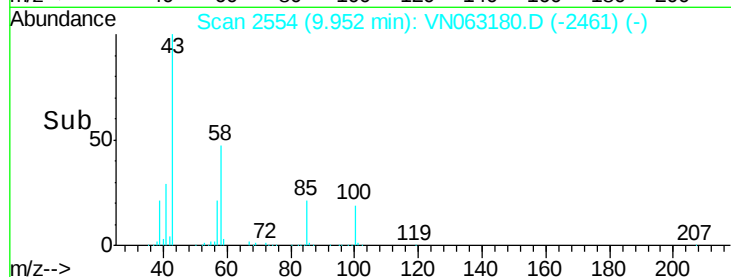
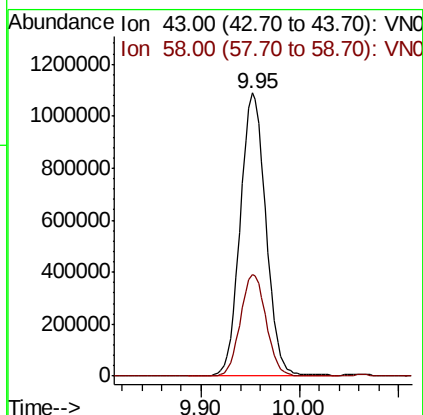
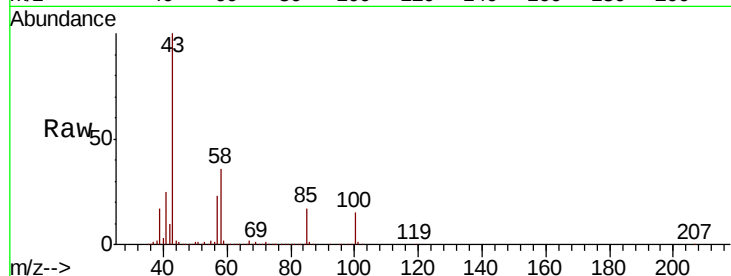




#51
 4-Methyl-2-Pentanone
 Concen: 278.826 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

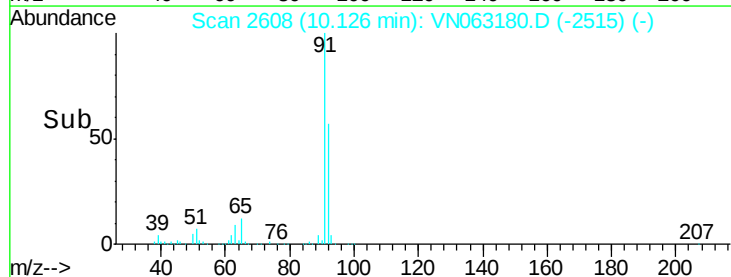
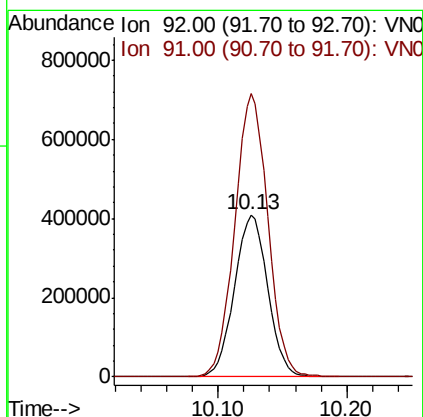
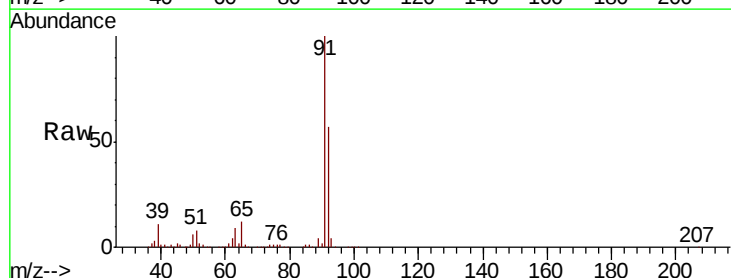
Instrument :
 MSVOA_N
 ClientSampled :

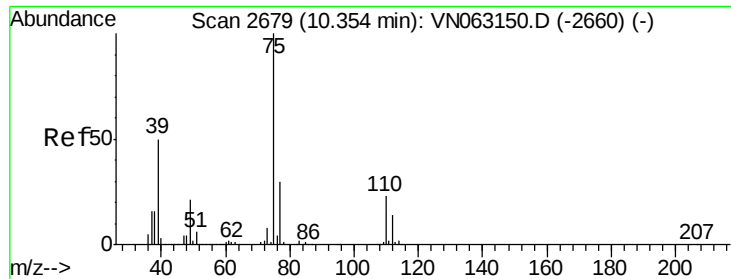
Tot Ion: 43 Resp: 1954511
 Ion Ratio Lower Upper
 43 100
 58 36.2 29.2 43.8



#52
 Toluene
 Concen: 50.730 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

Tgt Ion: 92 Resp: 734540
 Ion Ratio Lower Upper
 92 100
 91 173.2 141.2 211.8

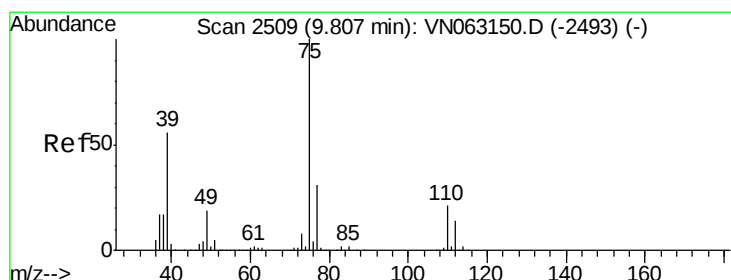
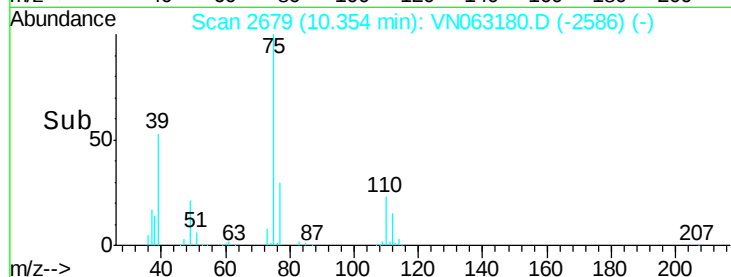
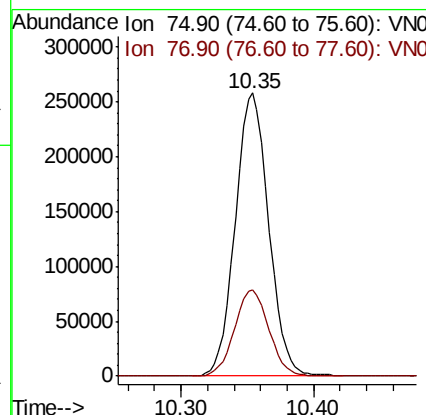
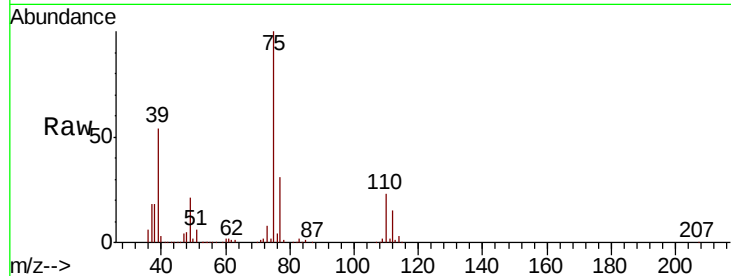




#53
t-1,3-Dichloropropene
Concen: 47.175 ug/l
RT: 10.35 min Scan# 2679
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

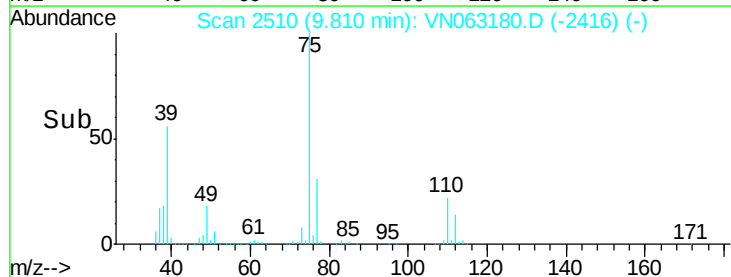
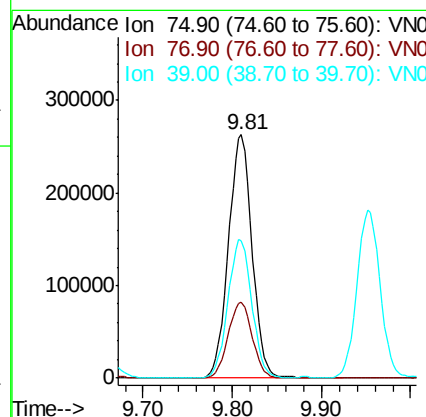
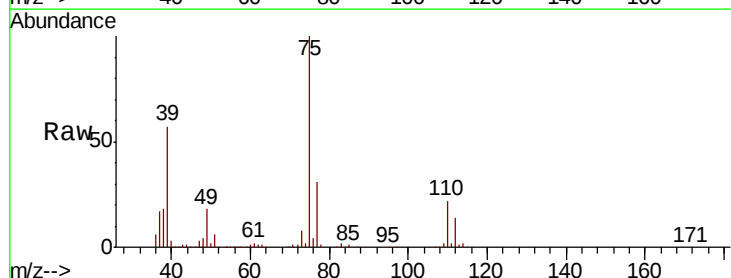
Instrument :
MSVOA_N
ClientSampleId :

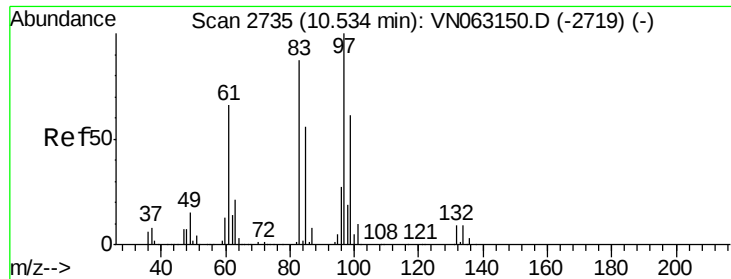
Tot Ion: 75 Resp: 451099
Ion Ratio Lower Upper
75 100
77 30.6 24.2 36.2



#54
cis-1,3-Dichloropropene
Concen: 48.043 ug/l
RT: 9.81 min Scan# 2510
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

Tgt Ion: 75 Resp: 482227
Ion Ratio Lower Upper
75 100
77 31.1 24.8 37.2
39 56.5 45.0 67.6

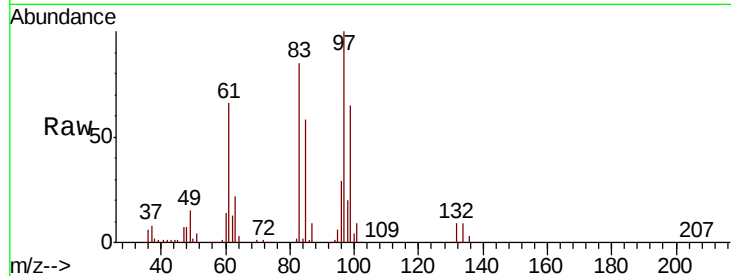




#55
 1,1,2-Trichloroethane
 Concen: 51.330 ug/l
 RT: 10.53 min Scan# 2735
 Delta R.T. 0.00 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion	97	Resp	284635
Ion Ratio	Lower	Upper	
97	100		
83	85.0	69.8	104.8
85	57.7	44.9	67.3
99	64.6	48.8	73.2



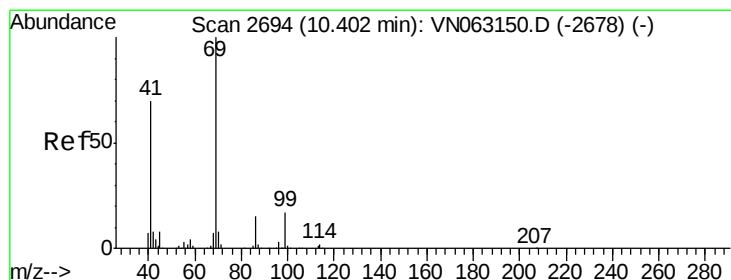
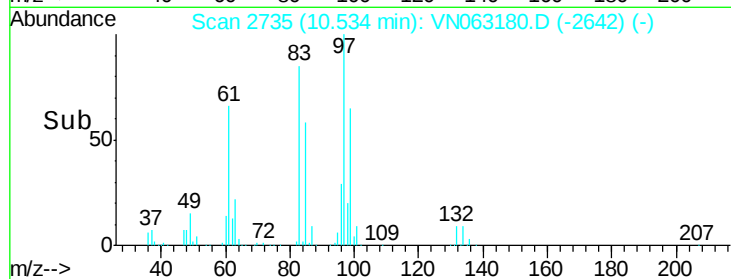
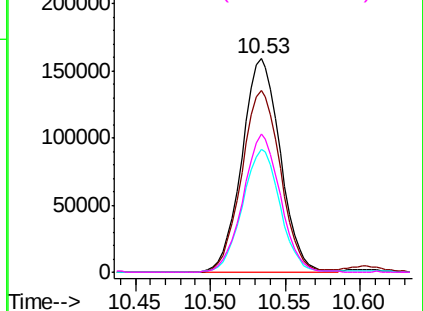
Abundance

Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

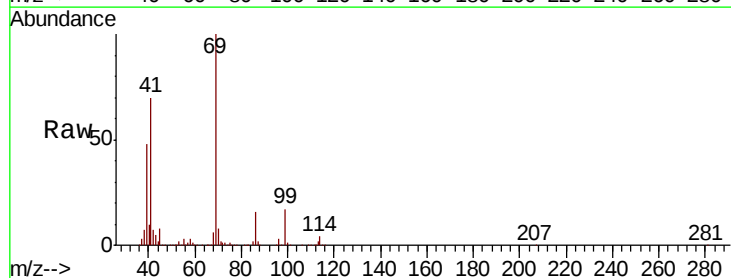
Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56
 Ethyl methacrylate
 Concen: 52.144 ug/l
 RT: 10.40 min Scan# 2694
 Delta R.T. 0.00 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

Tgt Ion	69	Resp	440043
Ion Ratio	Lower	Upper	
69	100		
41	69.1	55.5	83.3
39	48.3	38.2	57.2

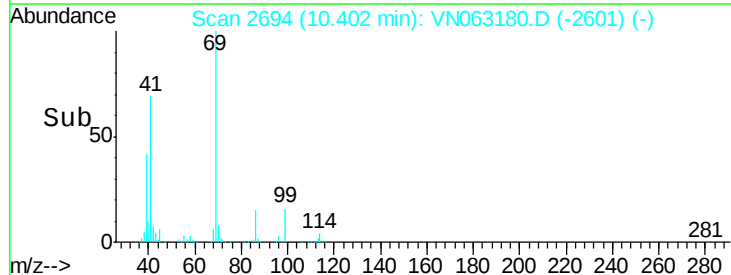
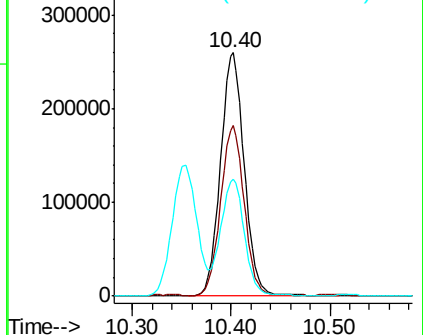


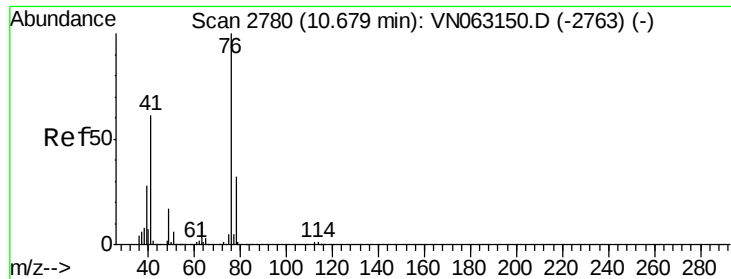
Abundance

Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

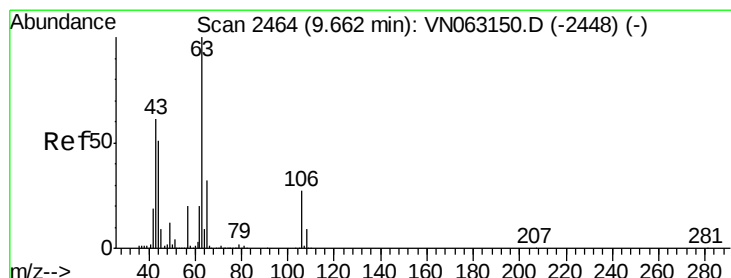
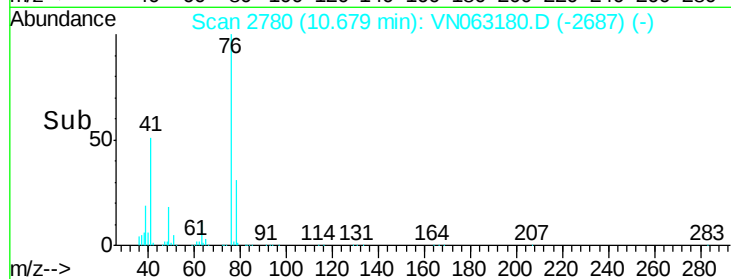
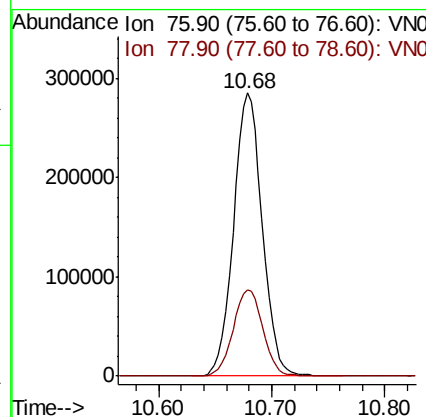
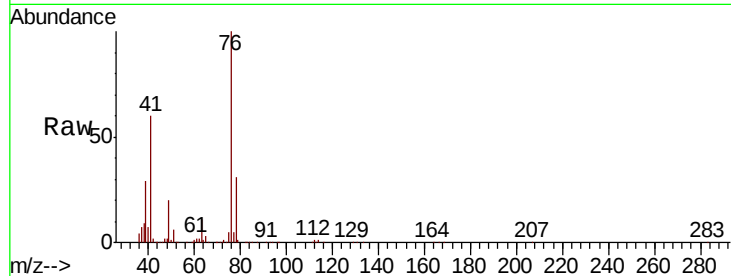




#57
 1,3-Dichloropropane
 Concen: 50.758 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

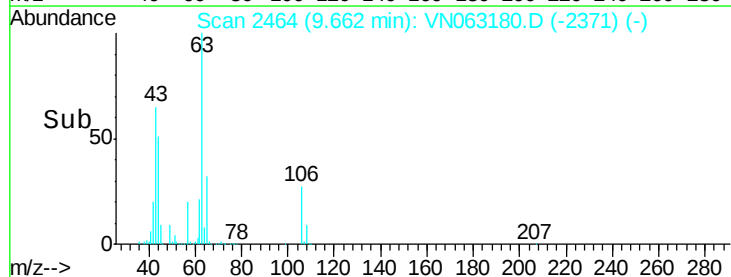
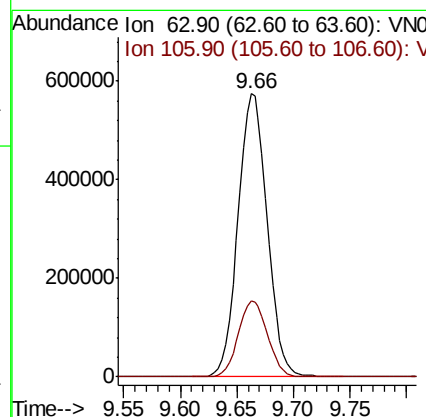
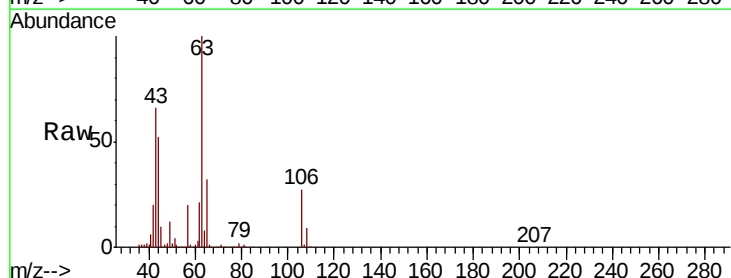
Instrument :
 MSVOA_N
 ClientSampleId :

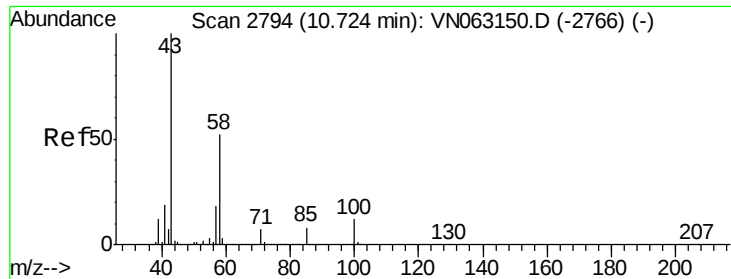
Tot Ion: 76 Resp: 501422
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.5 38.3



#58
 2-Chloroethyl Vinyl ether
 Concen: 236.341 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

Tgt Ion: 63 Resp: 1032814
 Ion Ratio Lower Upper
 63 100
 106 26.9 21.8 32.6

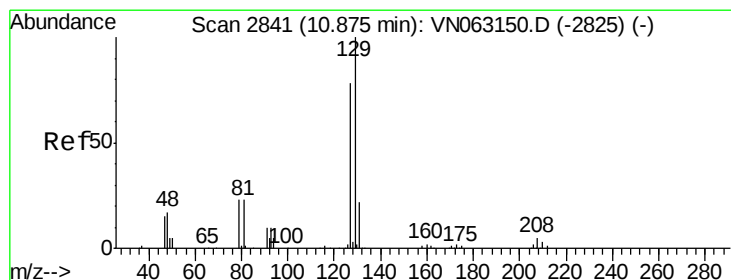
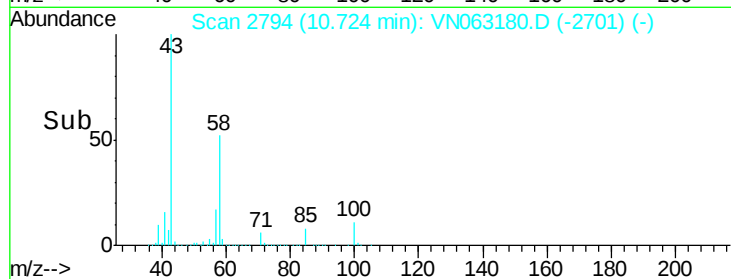
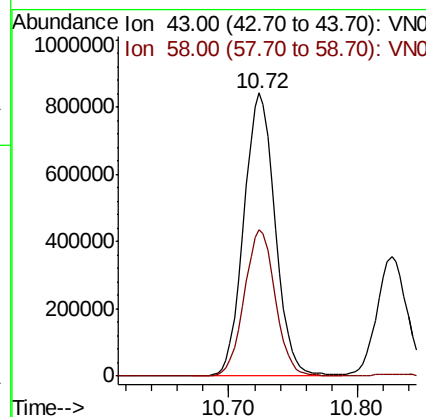
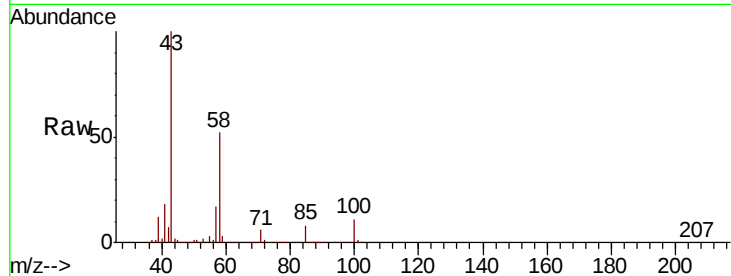




#59
2-Hexanone
Concen: 287.453 ug/l
RT: 10.72 min Scan# 2794
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

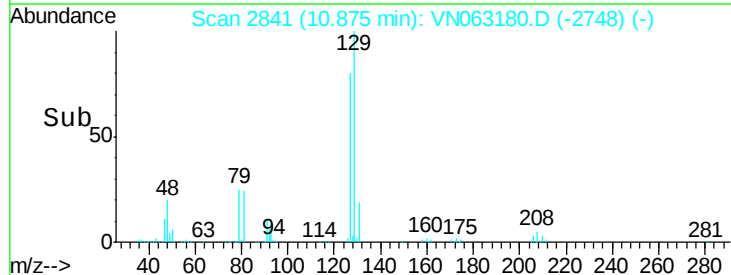
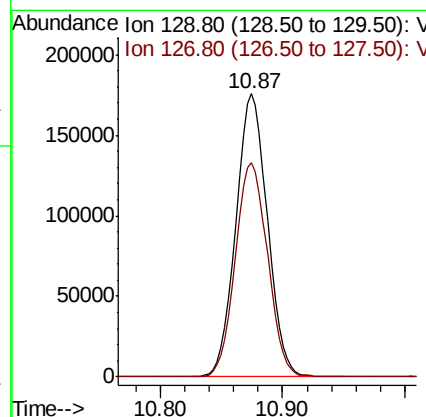
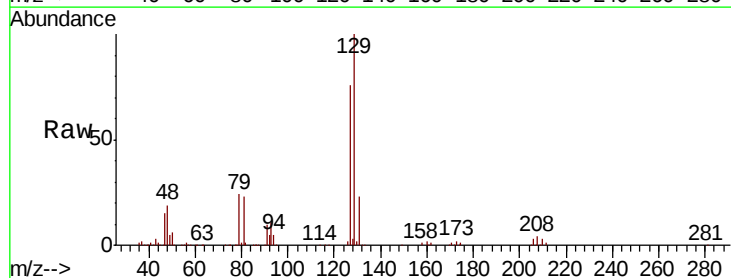
Instrument :
MSVOA_N
ClientSampled :

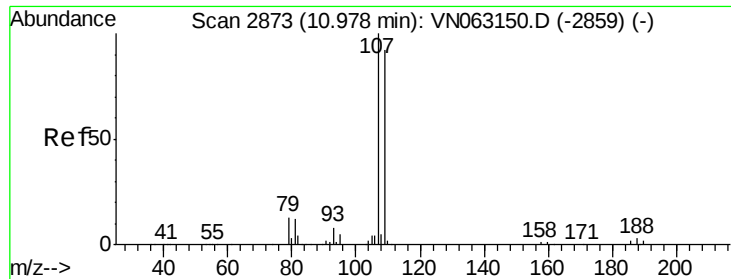
Tot Ion: 43 Resp: 1416101
Ion Ratio Lower Upper
43 100
58 51.2 25.9 77.8



#60
Dibromochloromethane
Concen: 51.430 ug/l
RT: 10.87 min Scan# 2841
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

Tgt Ion: 129 Resp: 315299
Ion Ratio Lower Upper
129 100
127 77.6 39.0 117.0

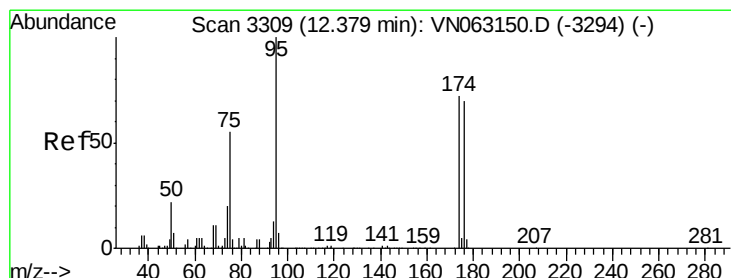
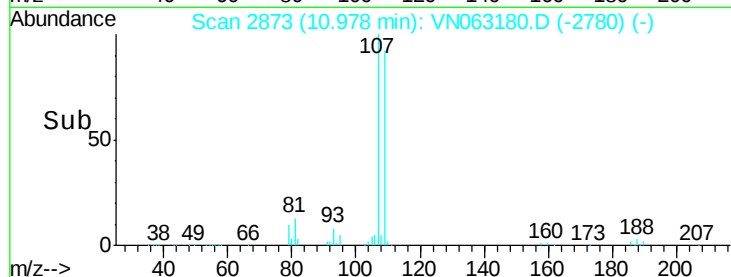
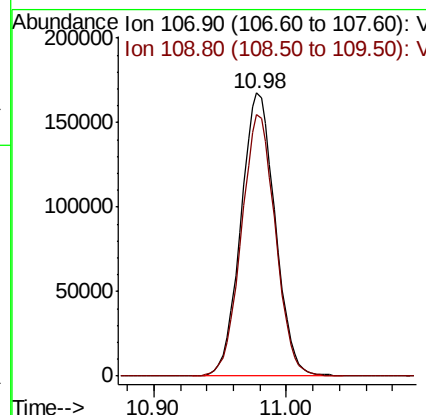
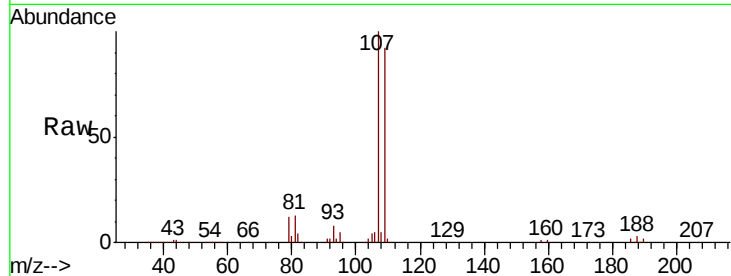




#61
 1,2-Dibromoethane
 Concen: 52.252 ug/l
 RT: 10.98 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

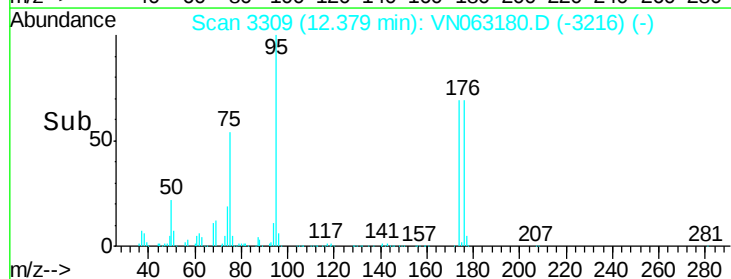
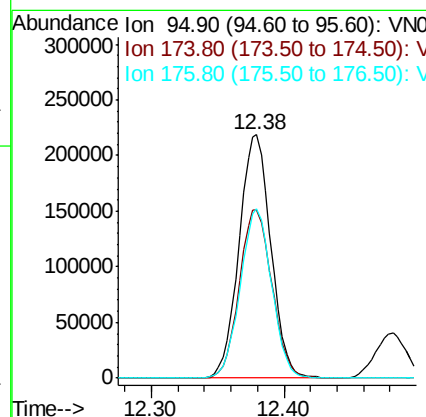
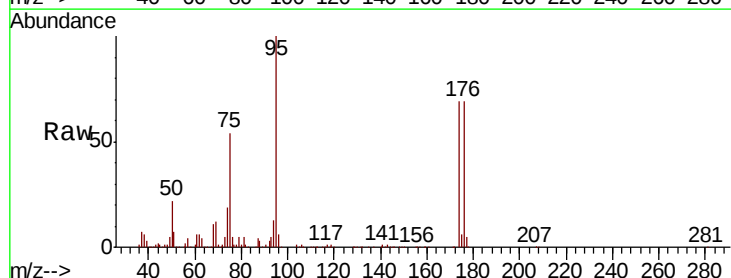
Instrument :
 MSVOA_N
 ClientSampleId :

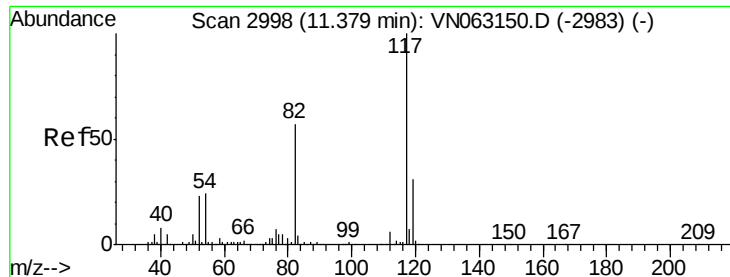
Tot Ion: 107 Resp: 301205
 Ion Ratio Lower Upper
 107 100
 109 91.8 73.4 110.0



#62
 4-Bromofluorobenzene
 Concen: 51.218 ug/l
 RT: 12.38 min Scan# 3309
 Delta R.T. 0.00 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

Tgt Ion: 95 Resp: 364006
 Ion Ratio Lower Upper
 95 100
 174 70.9 0.0 143.8
 176 68.7 0.0 138.4

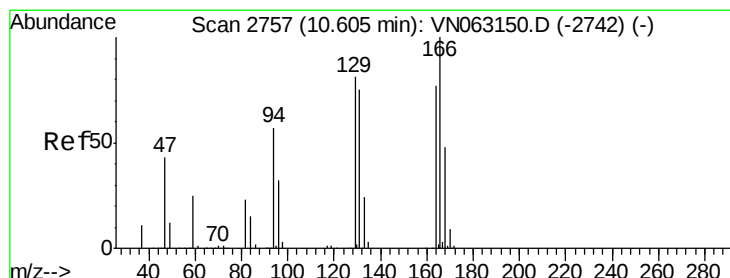
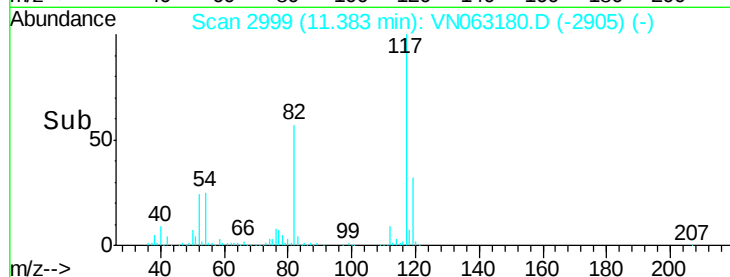
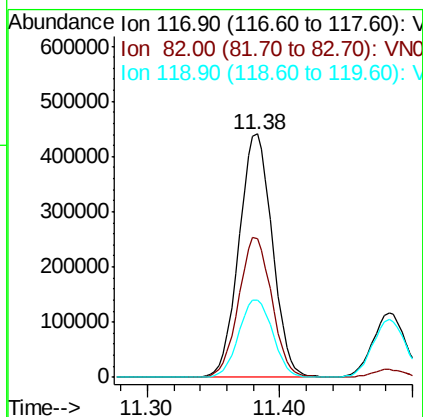
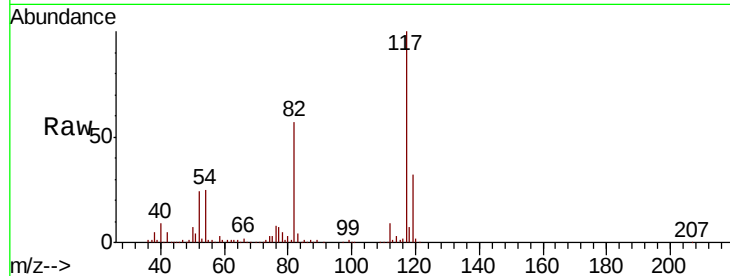




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2999
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

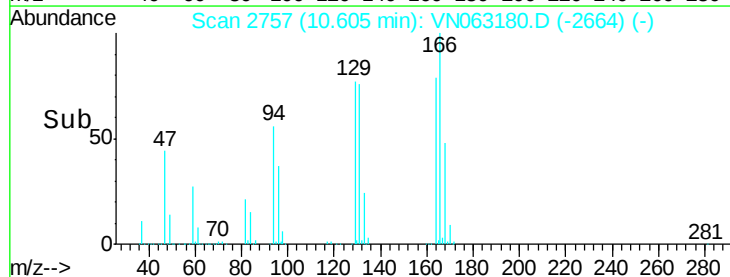
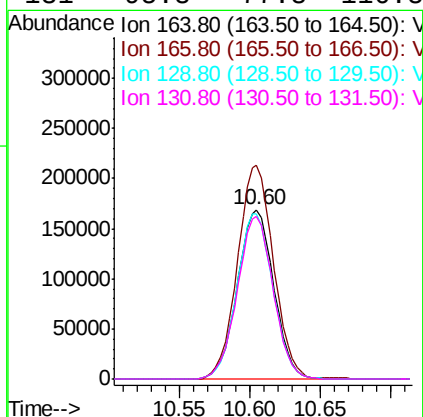
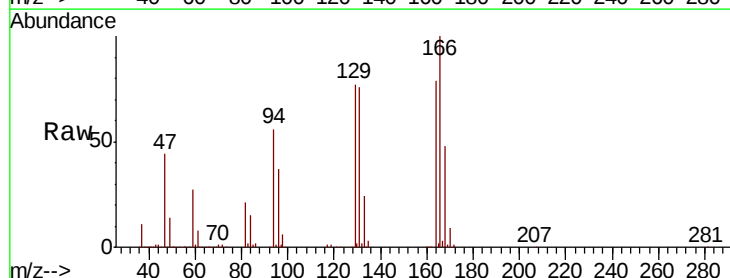
Instrument :
MSVOA_N
ClientSampleId :

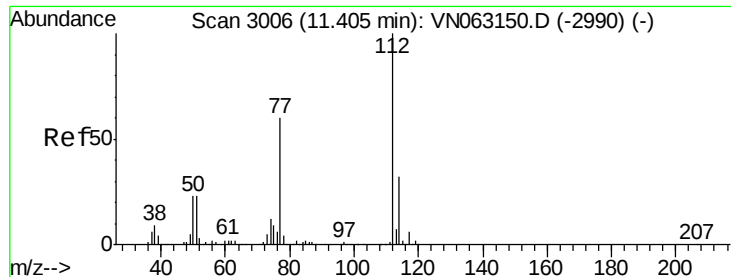
Tot Ion:117 Resp: 771690
Ion Ratio Lower Upper
117 100
82 57.1 45.4 68.0
119 31.9 24.6 37.0



#64
Tetrachloroethene
Concen: 55.077 ug/l
RT: 10.60 min Scan# 2757
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

Tgt Ion:164 Resp: 305209
Ion Ratio Lower Upper
164 100
166 126.1 103.4 155.2
129 97.7 83.4 125.0
131 95.8 77.8 116.8

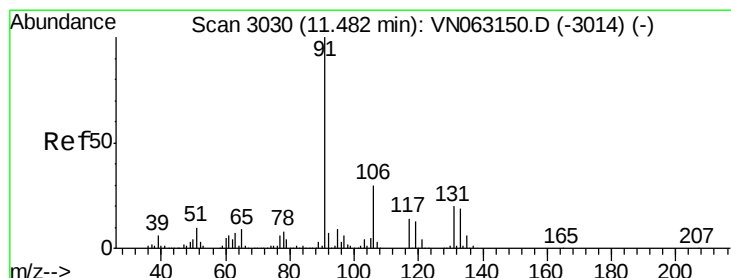
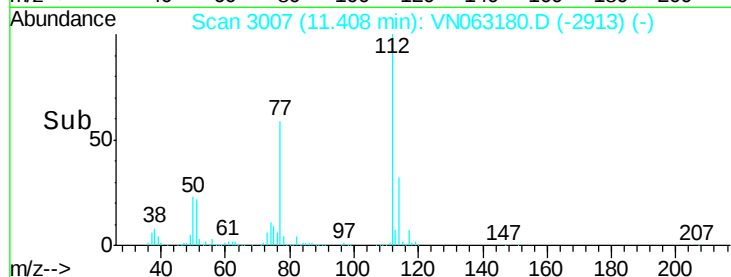
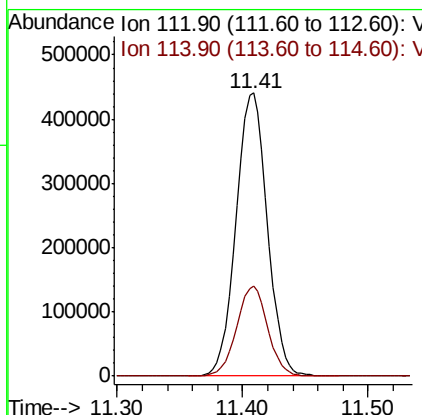
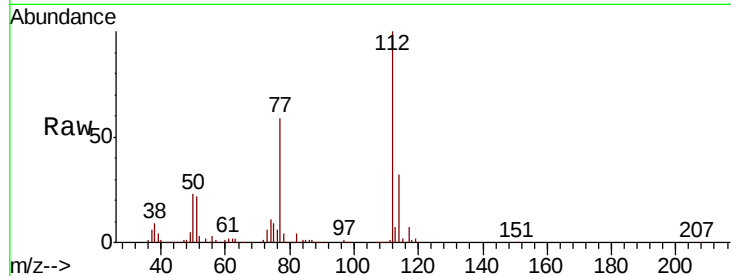




#65
Chlorobenzene
Concen: 49.139 ug/l
RT: 11.41 min Scan# 3007
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

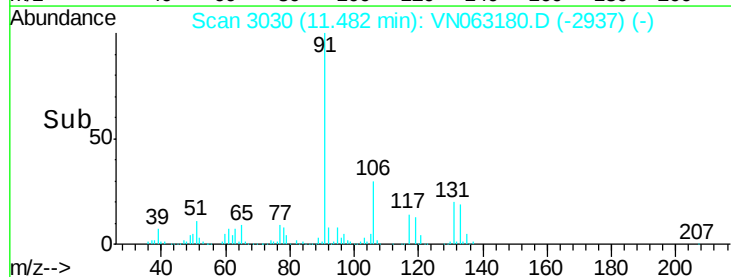
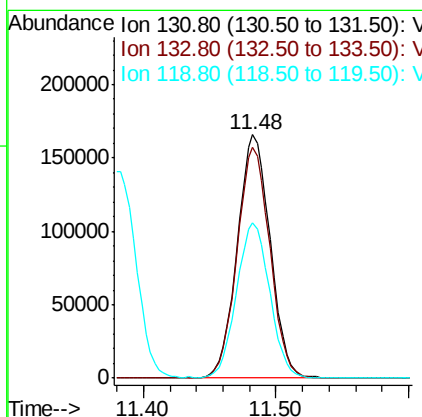
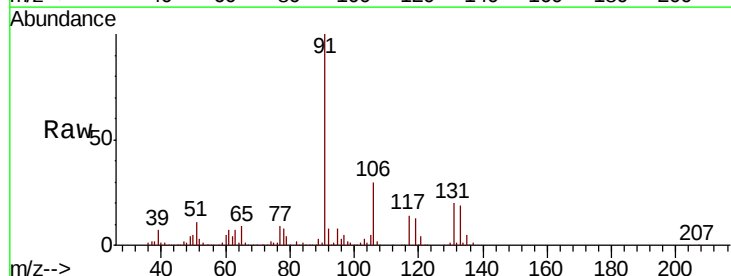
Instrument :
MSVOA_N
ClientSampled :

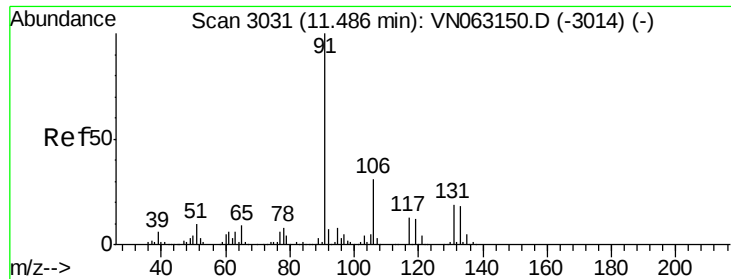
Tot Ion:112 Resp: 763752
Ion Ratio Lower Upper
112 100
114 31.8 25.2 37.8



#66
1,1,1,2-Tetrachloroethane
Concen: 49.522 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

Tgt Ion:131 Resp: 285779
Ion Ratio Lower Upper
131 100
133 94.7 47.3 142.0
119 64.0 32.4 97.0





#67

Ethyl Benzene

Concen: 50.764 ug/l

RT: 11.49 min Scan# 3031

Delta R.T. 0.00 min

Lab File: VN063180.D

Acq: 2 Sep 2020 1:16

Instrument :

MSVOA_N

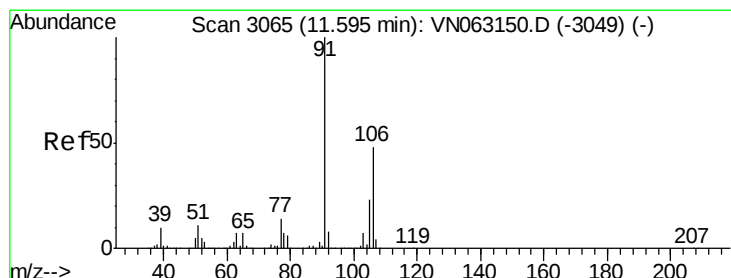
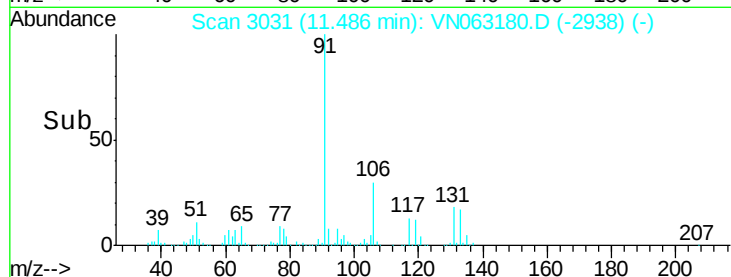
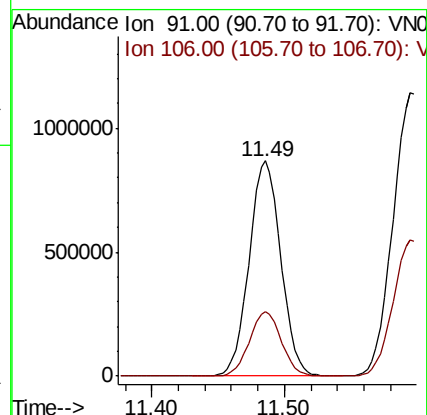
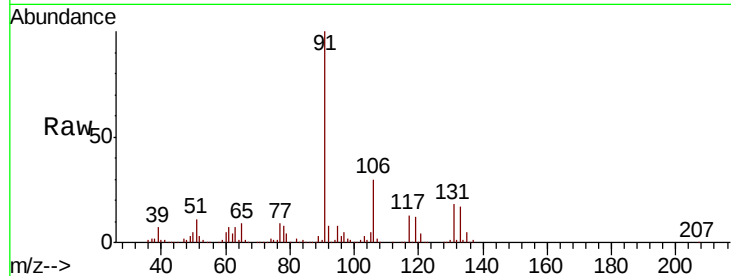
ClientSampled :

Tot Ion: 91 Resp: 1439398

Ion Ratio Lower Upper

91 100

106 29.9 24.4 36.6



#68

m/p-Xylenes

Concen: 101.595 ug/l

RT: 11.59 min Scan# 3065

Delta R.T. 0.00 min

Lab File: VN063180.D

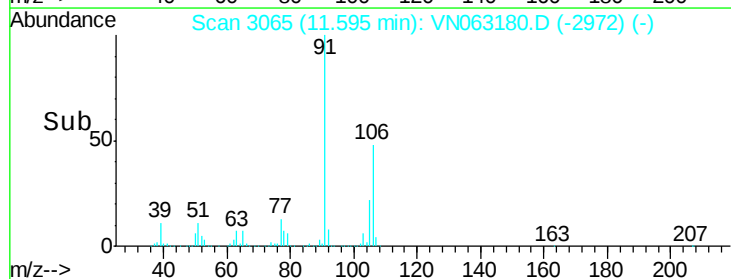
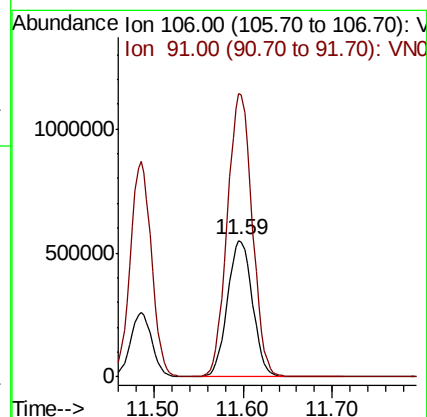
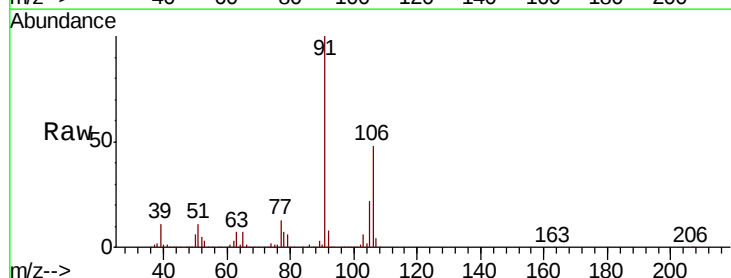
Acq: 2 Sep 2020 1:16

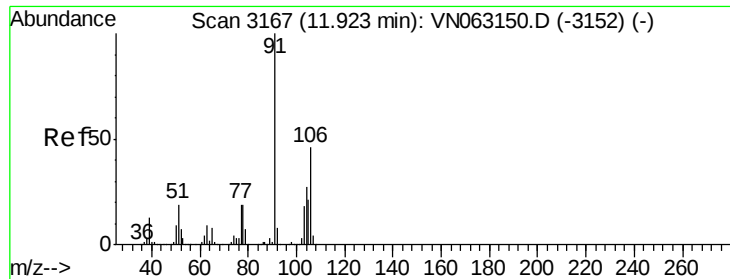
Tgt Ion: 106 Resp: 1066915

Ion Ratio Lower Upper

106 100

91 207.1 166.7 250.1

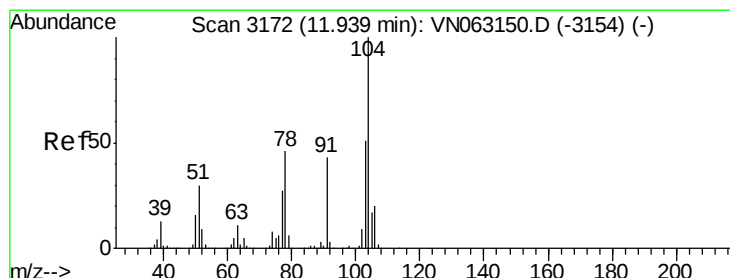
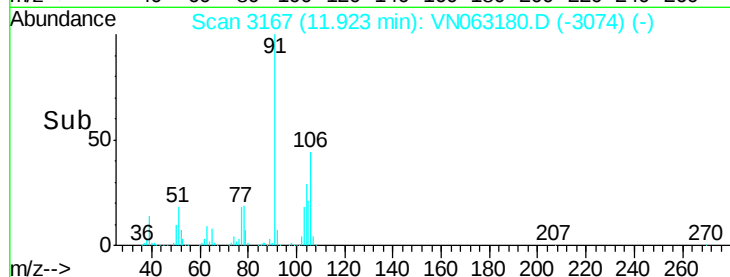
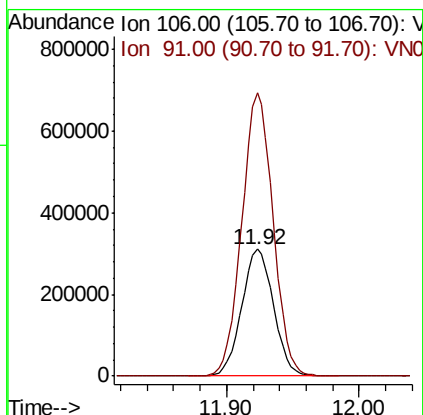
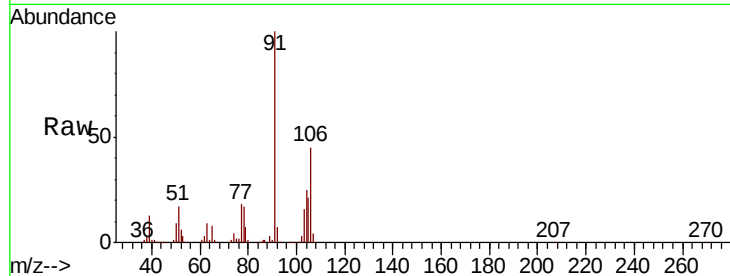




#69
o-Xylene
Concen: 51.022 ug/l
RT: 11.92 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

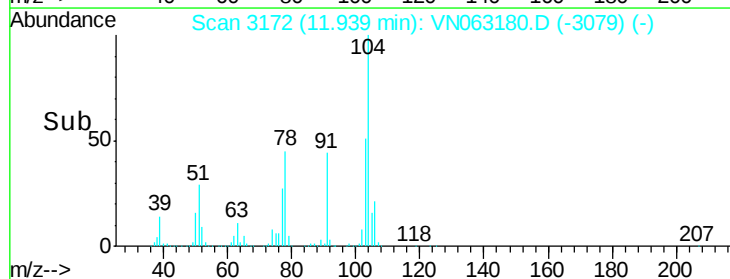
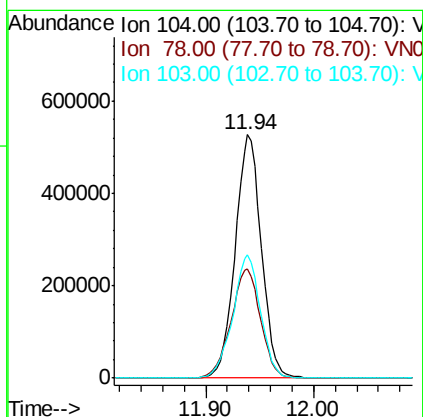
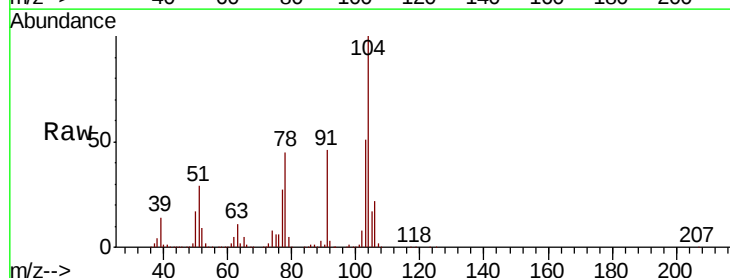
Instrument :
MSVOA_N
ClientSampleId :

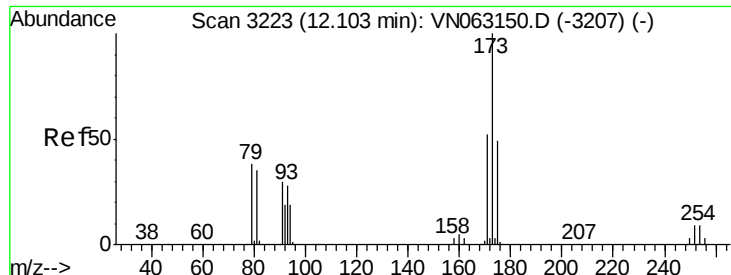
Tot Ion:106 Resp: 517616
Ion Ratio Lower Upper
106 100
91 218.7 108.6 325.6



#70
Styrene
Concen: 51.078 ug/l
RT: 11.94 min Scan# 3172
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

Tgt Ion:104 Resp: 890555
Ion Ratio Lower Upper
104 100
78 50.6 41.0 61.6
103 53.9 43.8 65.8

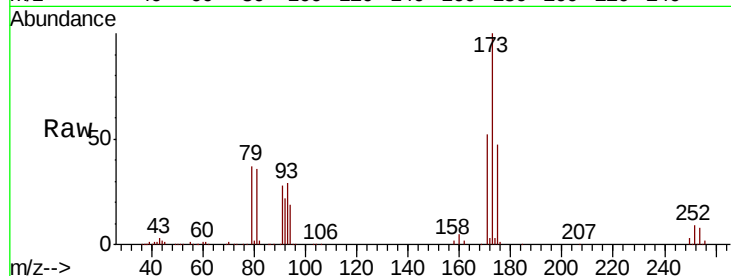




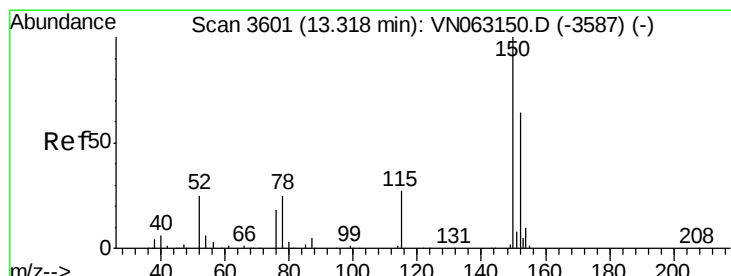
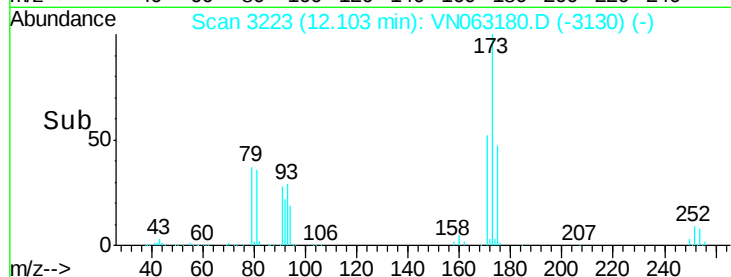
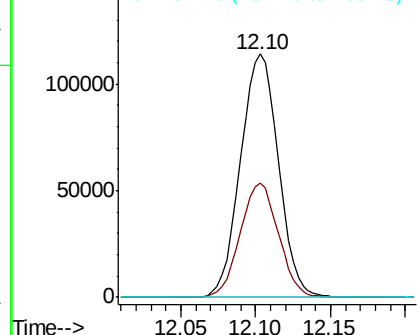
#71
Bromoform
Concen: 51.491 ug/l
RT: 12.10 min Scan# 3223
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 201650
Ion Ratio Lower Upper
173 100
175 47.3 24.6 73.8
254 0.1 0.0 0.0#

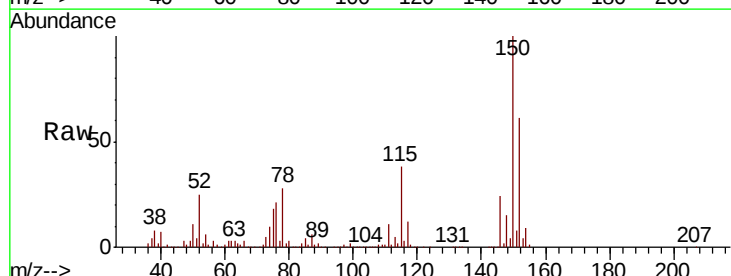


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

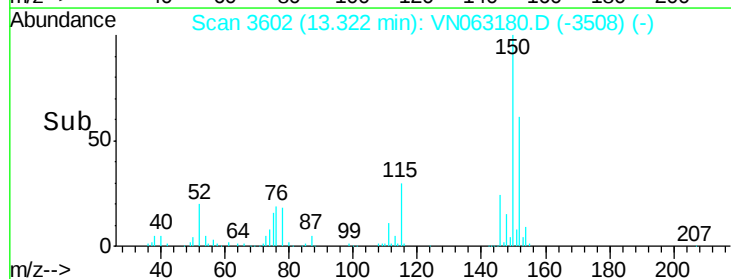
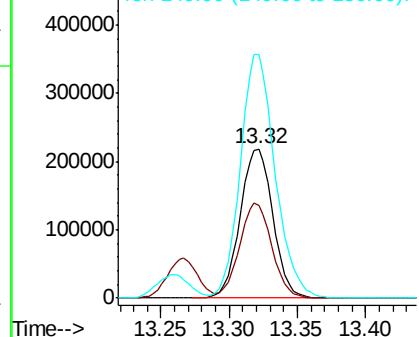


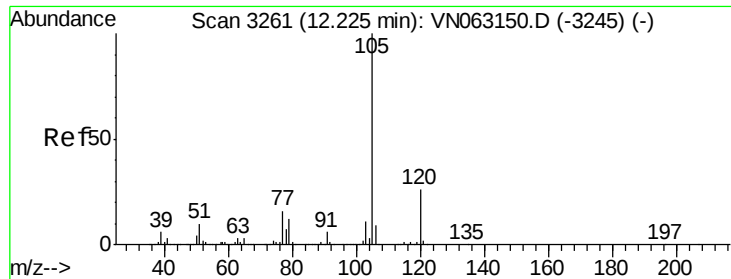
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3602
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

Tgt Ion:152 Resp: 363644
Ion Ratio Lower Upper
152 100
115 62.5 32.0 96.2
150 174.0 0.0 353.0



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

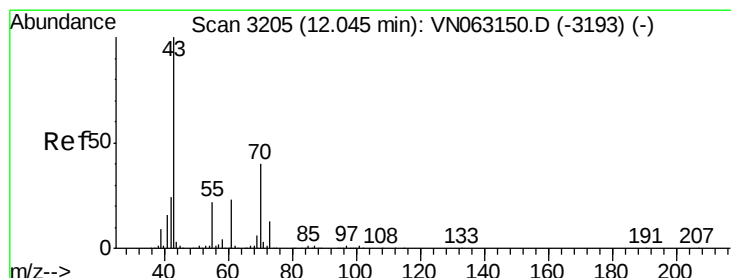
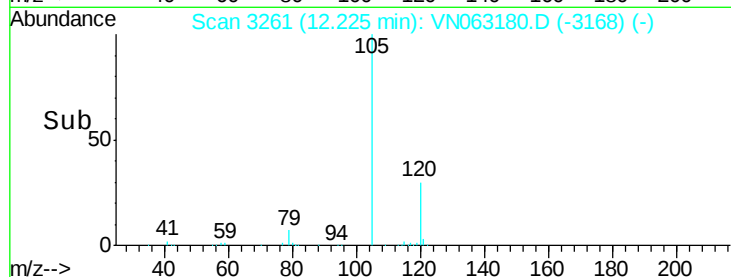
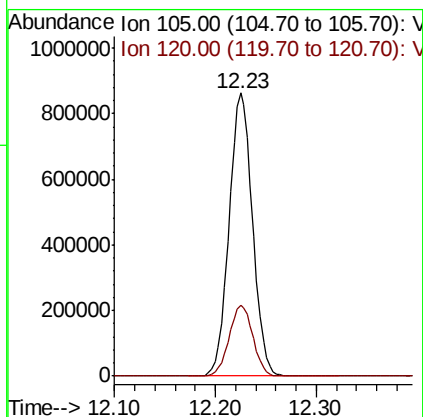
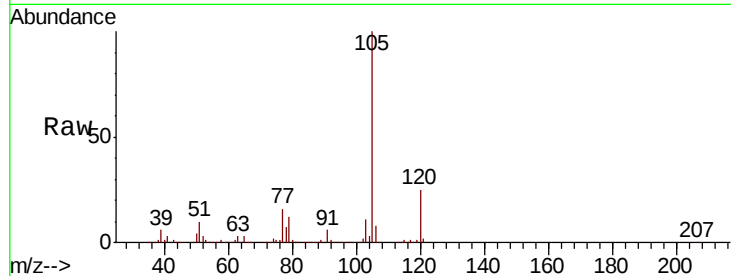




#73
Isopropylbenzene
Concen: 50.076 ug/l
RT: 12.23 min Scan# 3261
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

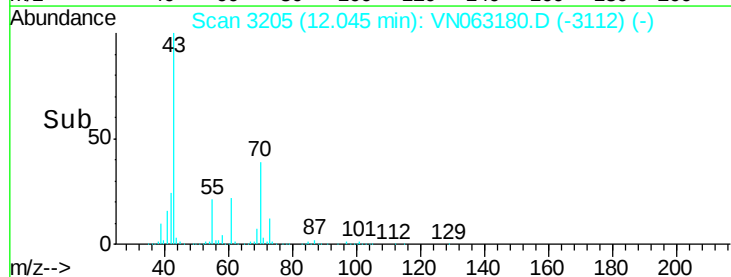
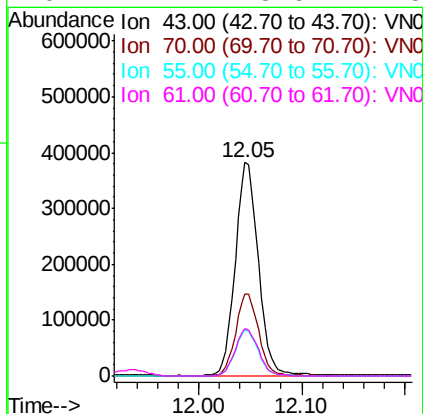
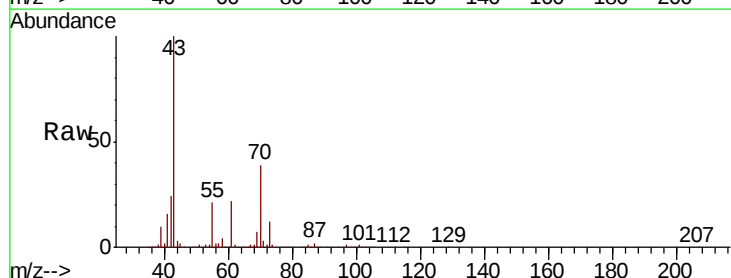
Instrument :
MSVOA_N
ClientSampleId :

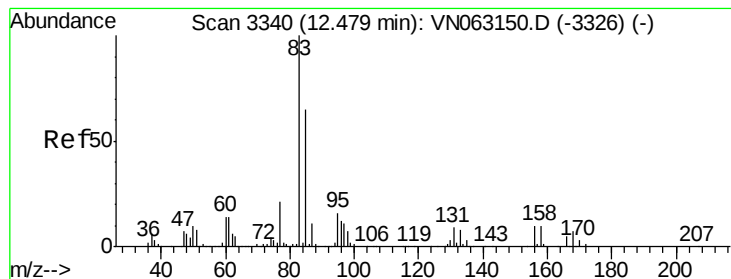
Tot Ion:105 Resp: 1396674
Ion Ratio Lower Upper
105 100
120 25.3 12.9 38.6



#74
N-ethyl acetate
Concen: 51.685 ug/l
RT: 12.05 min Scan# 3205
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

Tgt Ion: 43 Resp: 597114
Ion Ratio Lower Upper
43 100
70 38.6 32.1 48.1
55 21.8 17.4 26.0
61 22.7 18.6 27.8





#75

1,1,2,2-Tetrachloroethane

Concen: 47.794 ug/l

RT: 12.48 min Scan# 3341

Delta R.T. 0.00 min

Lab File: VN063180.D

Acq: 2 Sep 2020 1:16

Instrument :

MSVOA_N

ClientSampled :

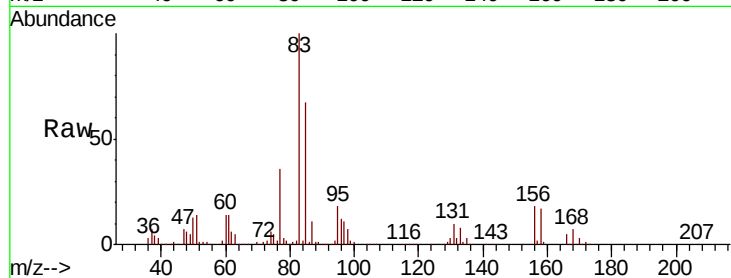
Tot Ion: 83 Resp: 384314

Ion Ratio Lower Upper

83 100

131 9.6 4.7 14.0

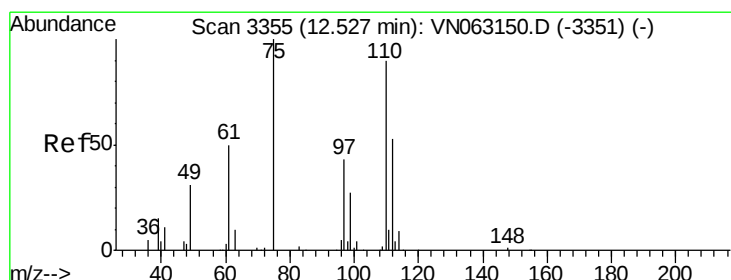
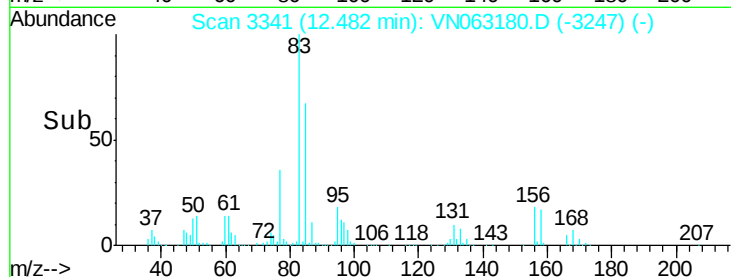
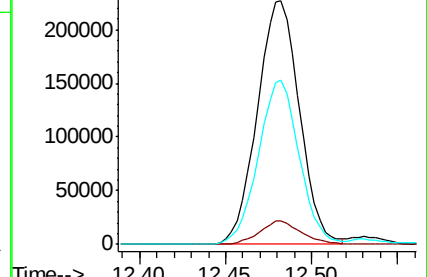
85 65.4 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VNC

Ion 130.80 (130.50 to 131.50): VNC

Ion 84.90 (84.60 to 85.60): VNC



#76

1,2,3-Trichloropropane

Concen: 72.882 ug/l

RT: 12.53 min Scan# 3356

Delta R.T. 0.00 min

Lab File: VN063180.D

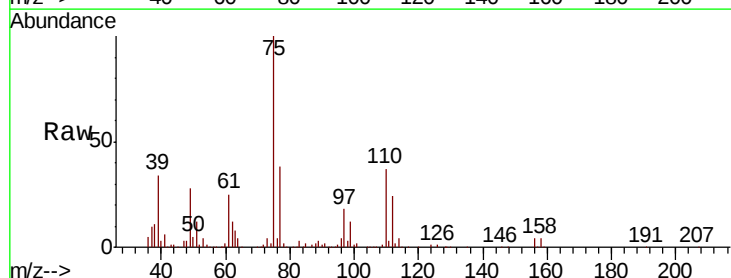
Acq: 2 Sep 2020 1:16

Tgt Ion: 75 Resp: 520732

Ion Ratio Lower Upper

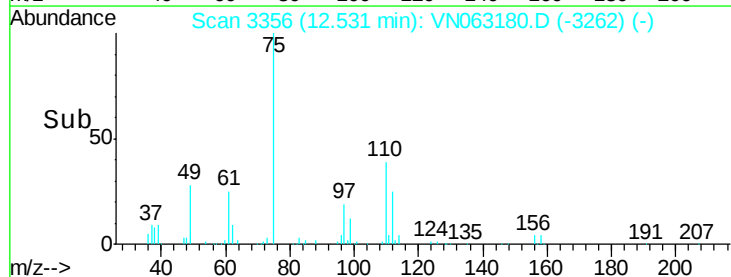
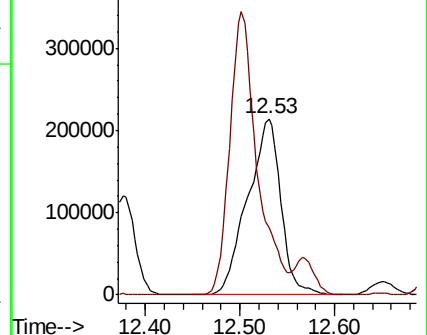
75 100

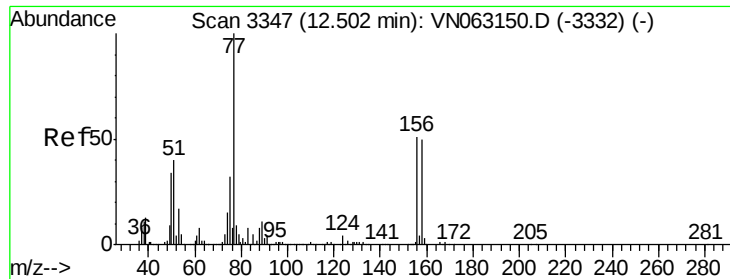
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VNC

Ion 77.00 (76.70 to 77.70): VNC





#77

Bromobenzene

Concen: 49.288 ug/l

RT: 12.50 min Scan# 3347

Delta R.T. 0.00 min

Lab File: VN063180.D

Acq: 2 Sep 2020 1:16

Instrument :

MSVOA_N

ClientSampleId :

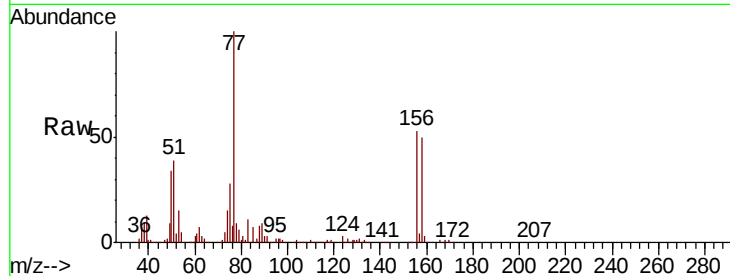
Tot Ion:156 Resp: 310901

Ion Ratio Lower Upper

156 100

77 225.0 116.1 348.3

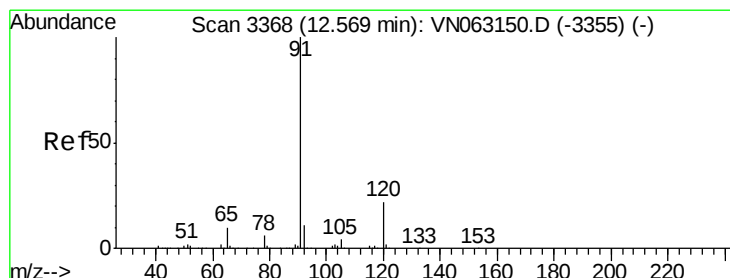
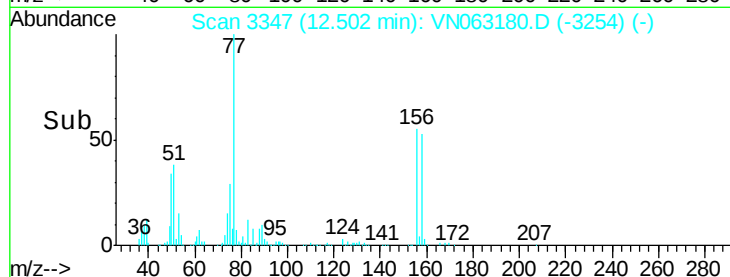
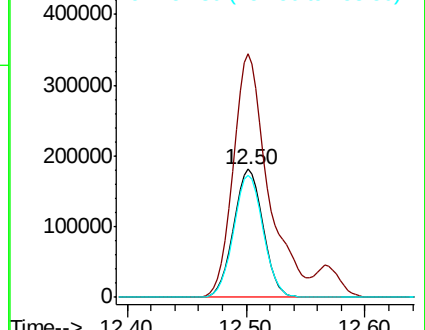
158 95.7 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VN0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.232 ug/l

RT: 12.57 min Scan# 3368

Delta R.T. 0.00 min

Lab File: VN063180.D

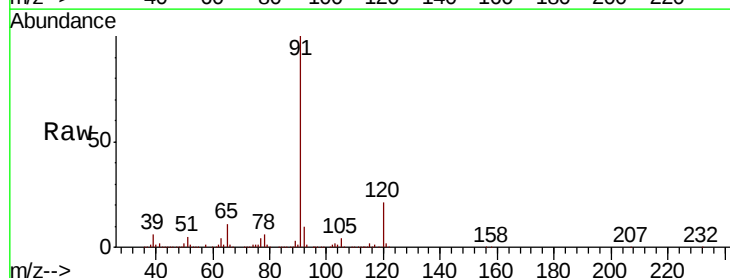
Acq: 2 Sep 2020 1:16

Tgt Ion: 91 Resp: 1621225

Ion Ratio Lower Upper

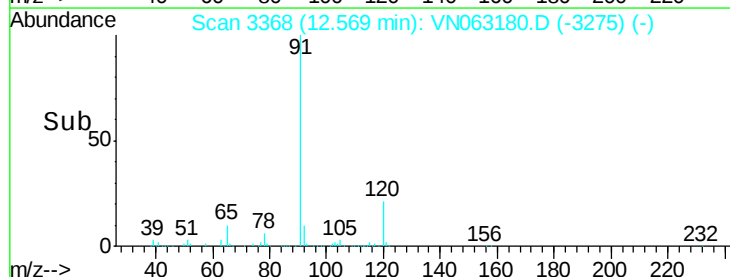
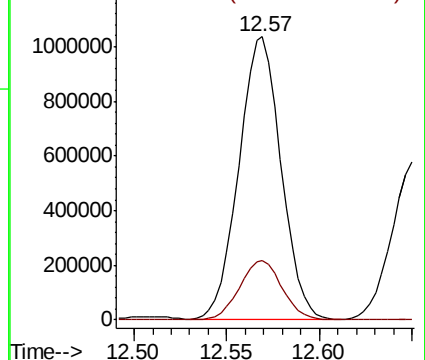
91 100

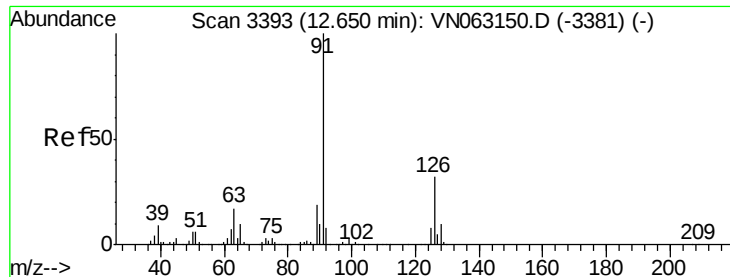
120 21.3 10.9 32.7



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.148 ug/l

RT: 12.65 min Scan# 3393

Delta R.T. 0.00 min

Lab File: VN063180.D

Acq: 2 Sep 2020 1:16

Instrument :

MSVOA_N

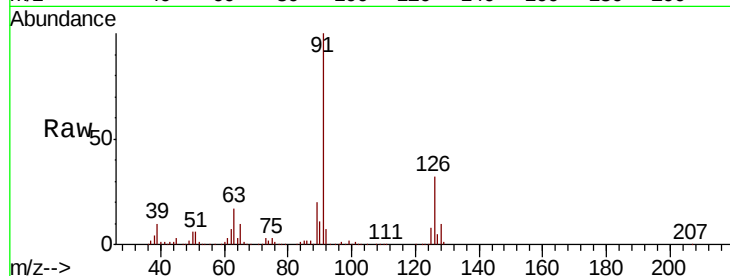
ClientSampled :

Tot Ion: 91 Resp: 950059

Ion Ratio Lower Upper

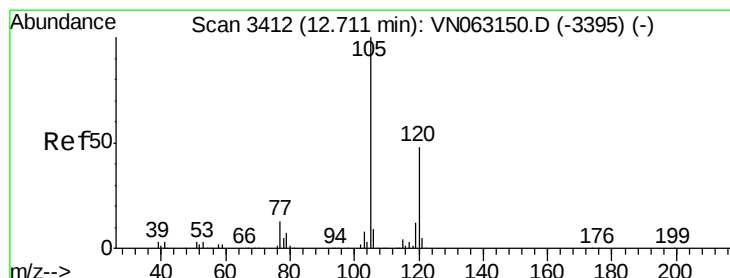
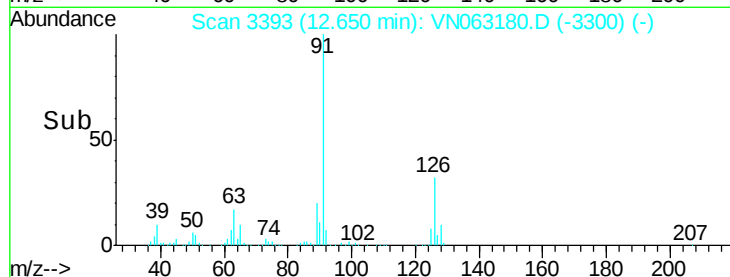
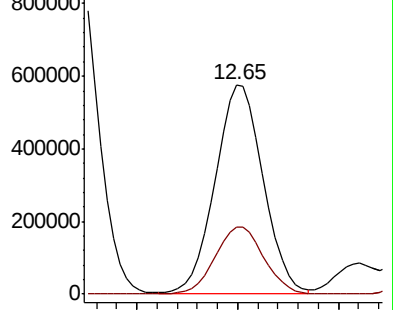
91 100

126 32.8 16.1 48.3



Abundance Ion 91.00 (90.70 to 91.70): VN063180.D (-3390) (-)

Ion 125.90 (125.60 to 126.60): VN063180.D (-3390) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.420 ug/l

RT: 12.71 min Scan# 3412

Delta R.T. 0.00 min

Lab File: VN063180.D

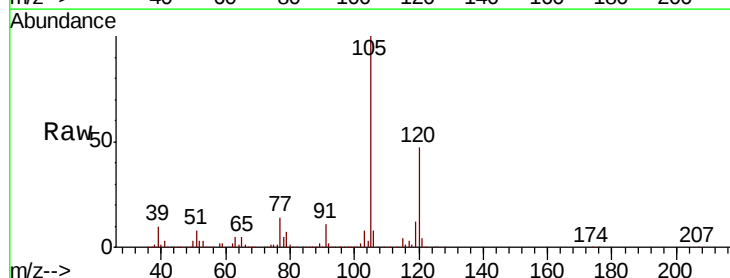
Acq: 2 Sep 2020 1:16

Tgt Ion: 105 Resp: 1170534

Ion Ratio Lower Upper

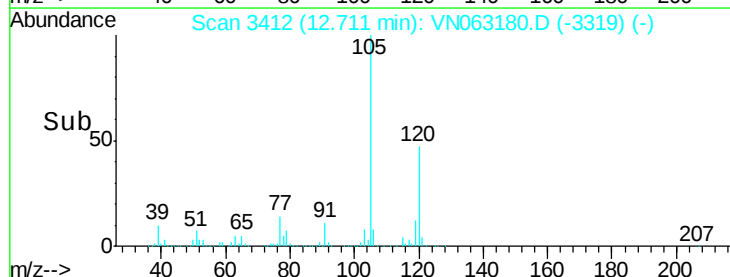
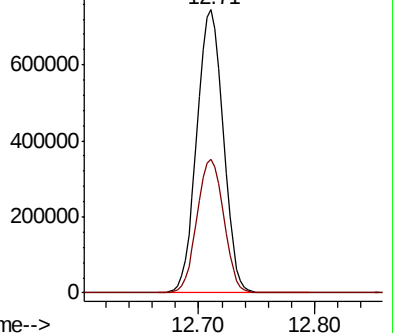
105 100

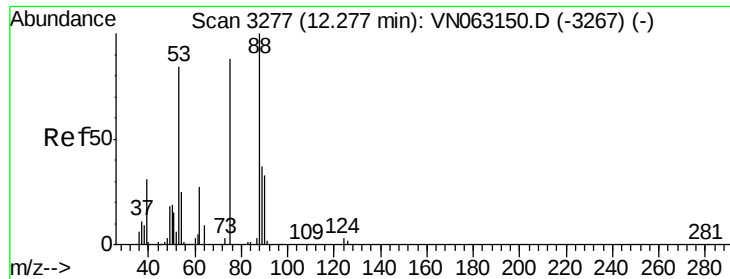
120 47.6 24.2 72.6



Abundance Ion 105.00 (104.70 to 105.70): VN063180.D (-3399) (-)

Ion 120.00 (119.70 to 120.70): VN063180.D (-3399) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 42.361 ug/l

RT: 12.28 min Scan# 3277

Delta R.T. 0.00 min

Lab File: VN063180.D

Acq: 2 Sep 2020 1:16

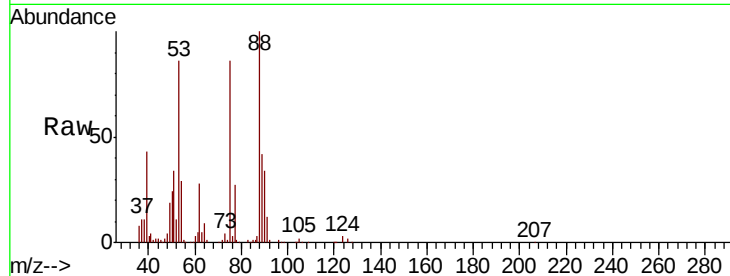
Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 75 Resp: 125224

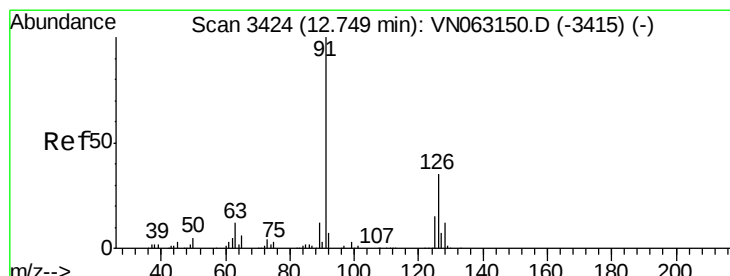
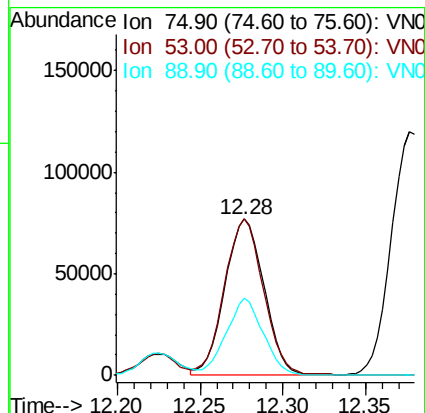
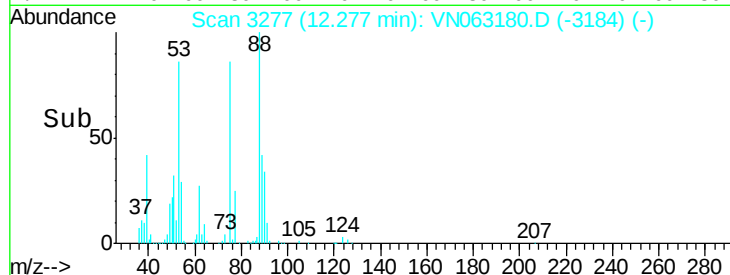
Ion	Ratio	Lower	Upper
75	100		
53	100.7	78.7	118.1
89	47.6	35.3	52.9



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 49.675 ug/l

RT: 12.75 min Scan# 3424

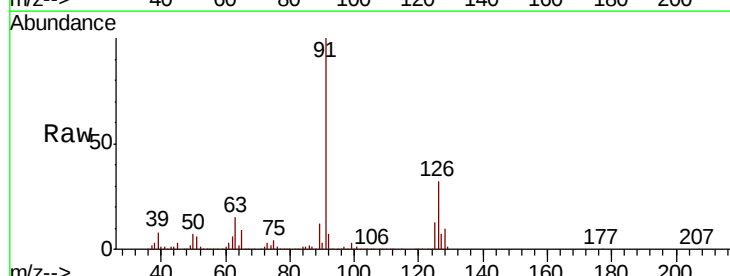
Delta R.T. 0.00 min

Lab File: VN063180.D

Acq: 2 Sep 2020 1:16

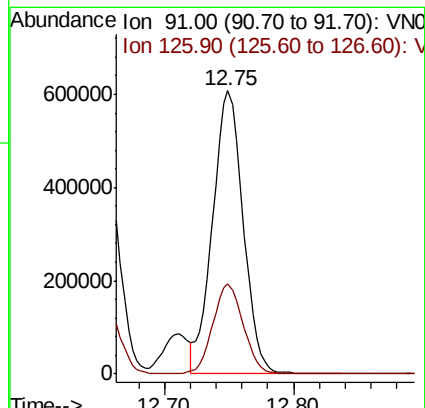
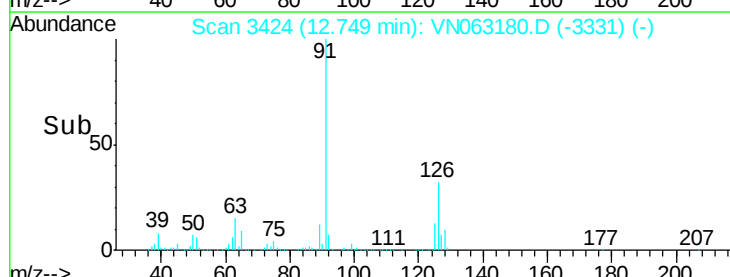
Tgt Ion: 91 Resp: 995912

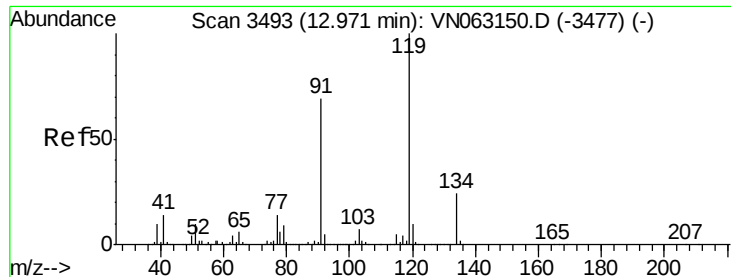
Ion	Ratio	Lower	Upper
91	100		
126	31.6	16.2	48.5



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

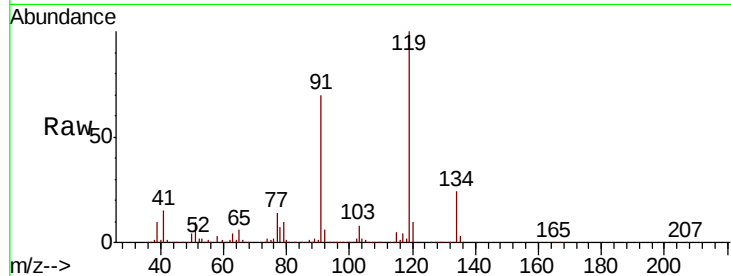




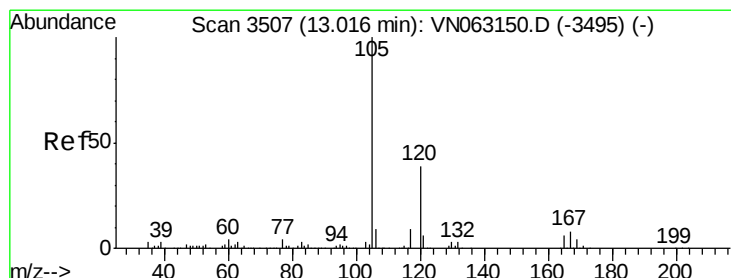
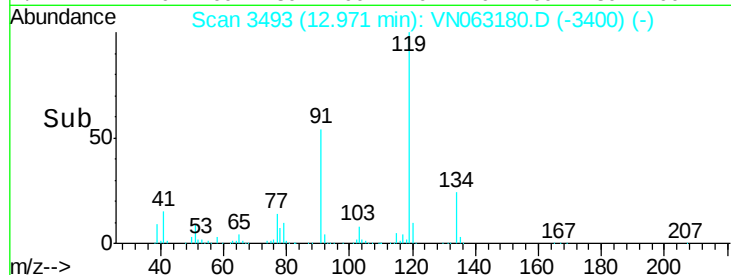
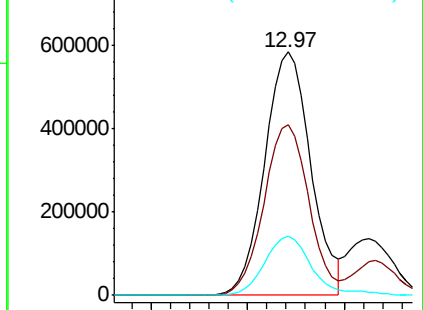
#83
tert-Butylbenzene
Concen: 48.528 ug/l
RT: 12.97 min Scan# 3493
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:119 Resp: 966192
Ion Ratio Lower Upper
119 100
91 68.2 33.7 101.0
134 25.0 12.0 36.0

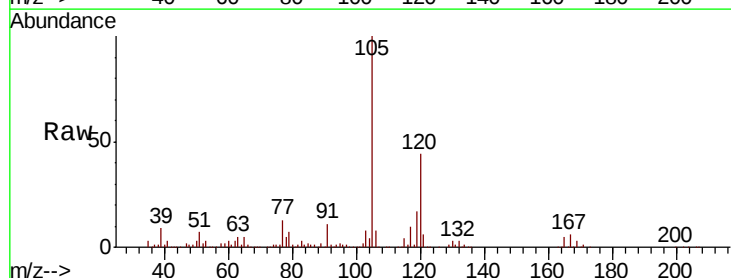


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): V
Ion 134.00 (133.70 to 134.70): V

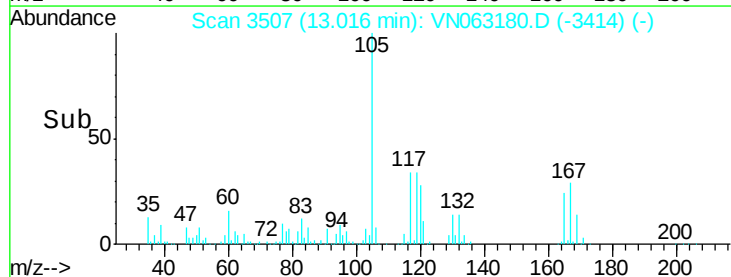
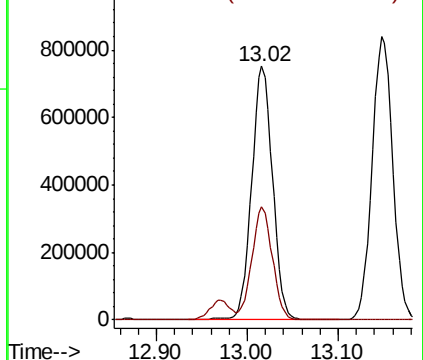


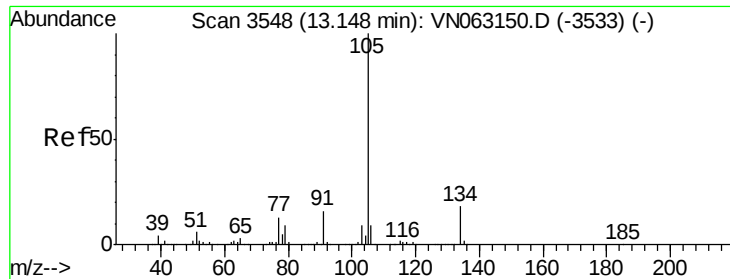
#84
1,2,4-Trimethylbenzene
Concen: 51.280 ug/l
RT: 13.02 min Scan# 3507
Delta R.T. 0.00 min
Lab File: VN063180.D
Acq: 2 Sep 2020 1:16

Tgt Ion:105 Resp: 1199983
Ion Ratio Lower Upper
105 100
120 44.0 22.6 67.7



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





#85

sec-Butylbenzene

Concen: 50.831 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063180.D

Acq: 2 Sep 2020 1:16

Instrument :

MSVOA_N

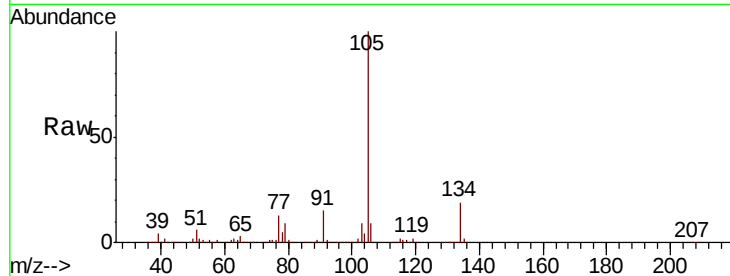
ClientSampled :

Tot Ion:105 Resp: 1318999

Ion Ratio Lower Upper

105 100

134 18.9 9.4 28.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

1000000

800000

600000

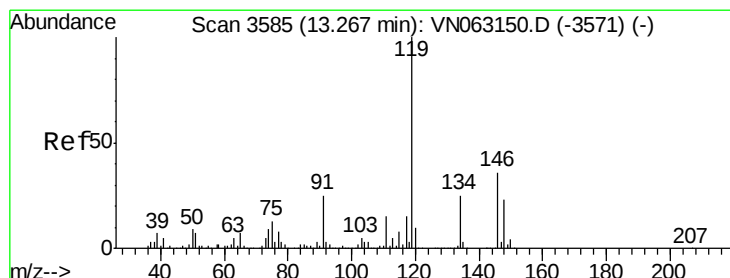
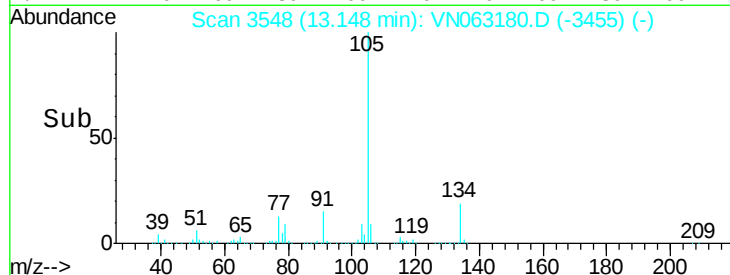
400000

200000

0

13.10 13.15 13.20

Time-->



#86

p-Isopropyltoluene

Concen: 51.177 ug/l

RT: 13.27 min Scan# 3585

Delta R.T. 0.00 min

Lab File: VN063180.D

Acq: 2 Sep 2020 1:16

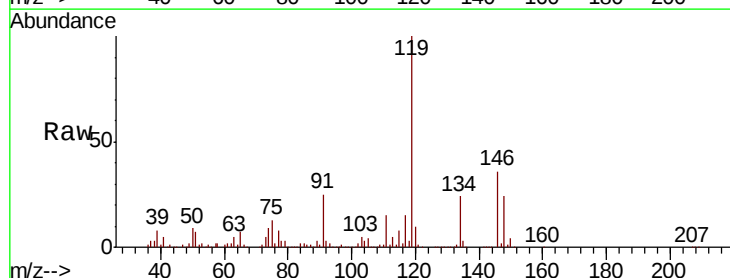
Tgt Ion:119 Resp: 1178992

Ion Ratio Lower Upper

119 100

134 24.6 12.4 37.4

91 25.0 12.2 36.6



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

1000000

800000

600000

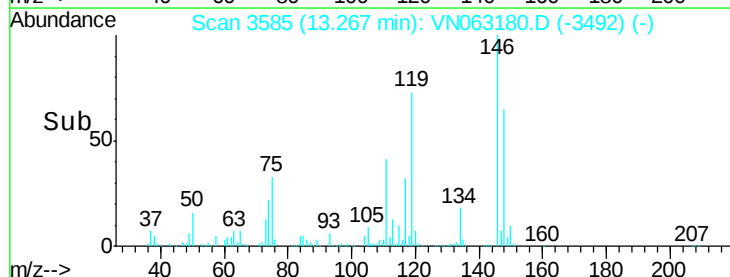
400000

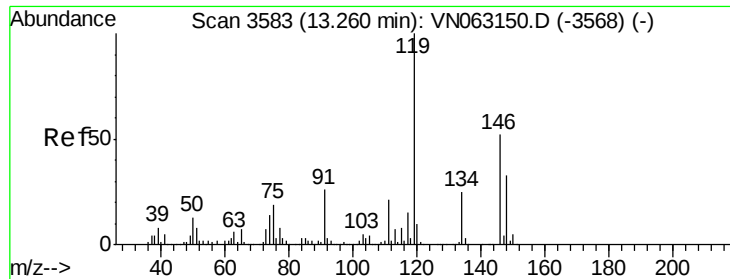
200000

0

13.20 13.25 13.30 13.35

Time-->

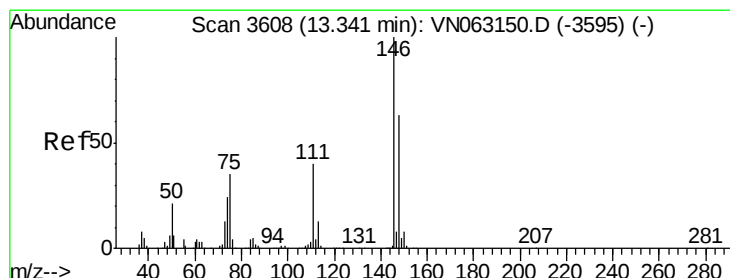
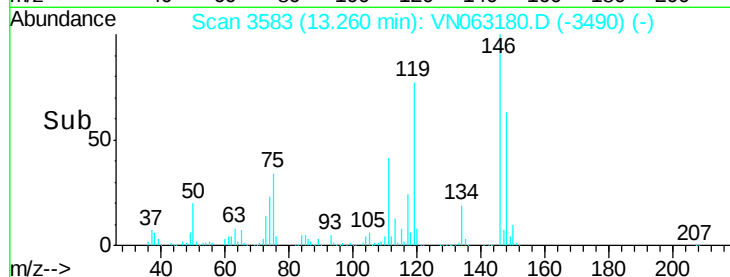
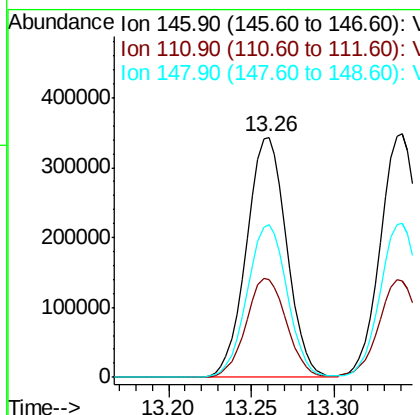
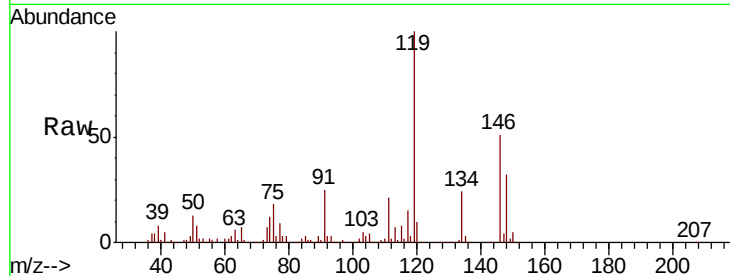




#87
 1,3-Dichlorobenzene
 Concen: 50.099 ug/l
 RT: 13.26 min Scan# 3583
 Delta R.T. 0.00 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

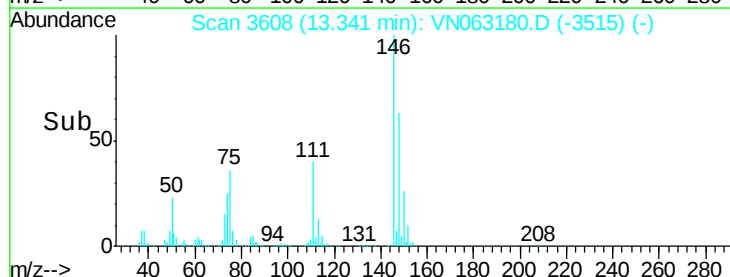
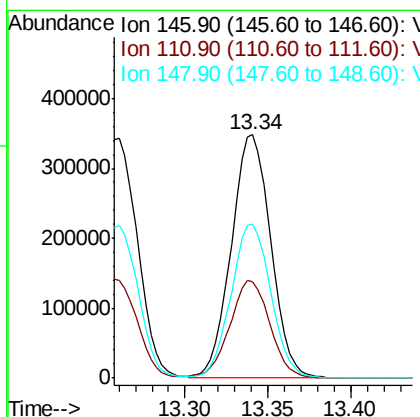
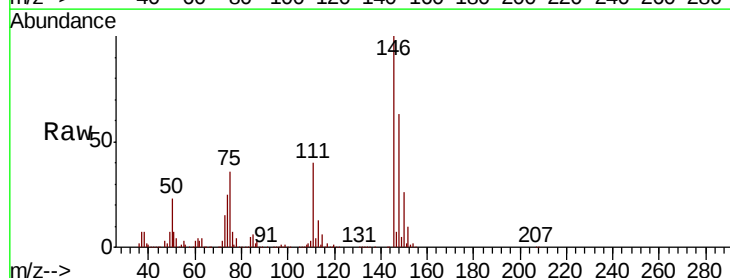
Instrument :
 MSVOA_N
 ClientSampled :

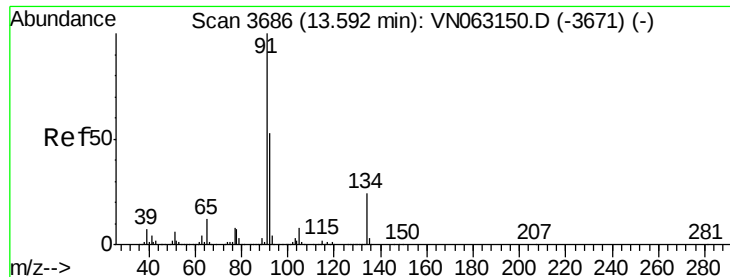
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.3	21.3	63.7
148	63.4	31.9	95.9



#88
 1,4-Dichlorobenzene
 Concen: 47.913 ug/l
 RT: 13.34 min Scan# 3608
 Delta R.T. 0.00 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

Tgt Ion	Ratio	Lower	Upper
146	100		
111	40.9	20.5	61.5
148	64.1	31.9	95.7





#89

n-Butylbenzene

Concen: 49.464 ug/l

RT: 13.59 min Scan# 3686

Delta R.T. 0.00 min

Lab File: VN063180.D

Acq: 2 Sep 2020 1:16

Instrument :

MSVOA_N

ClientSampled :

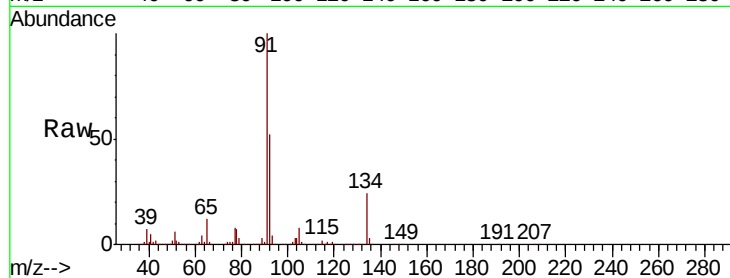
Tot Ion: 91 Resp: 1052736

Ion Ratio Lower Upper

91 100

92 52.3 26.3 78.8

134 23.8 12.0 36.0

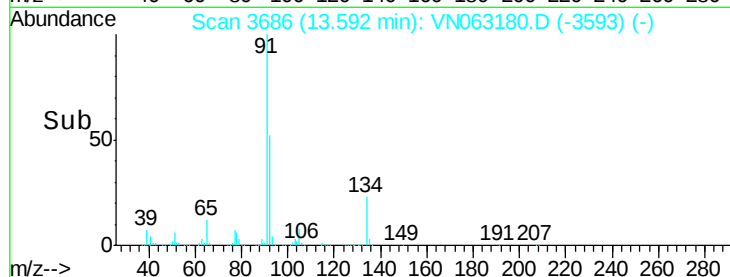


Abundance Ion 91.00 (90.70 to 91.70): VN063180.D (-3593) (-)

Ion 92.00 (91.70 to 92.70): VN063180.D (-3593) (-)

Ion 134.00 (133.70 to 134.70): VN063180.D (-3593) (-)

Time-->

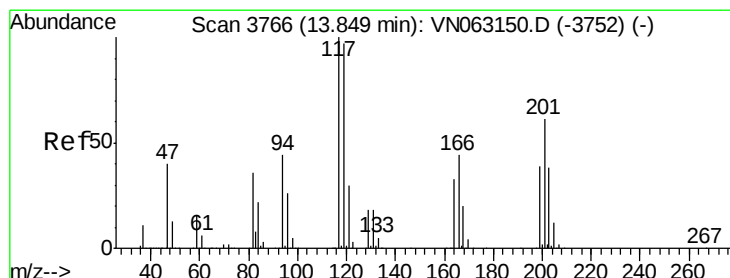


Abundance Ion 91.00 (90.70 to 91.70): VN063180.D (-3593) (-)

Ion 92.00 (91.70 to 92.70): VN063180.D (-3593) (-)

Ion 134.00 (133.70 to 134.70): VN063180.D (-3593) (-)

Time-->



#90

Hexachloroethane

Concen: 44.865 ug/l

RT: 13.85 min Scan# 3767

Delta R.T. 0.00 min

Lab File: VN063180.D

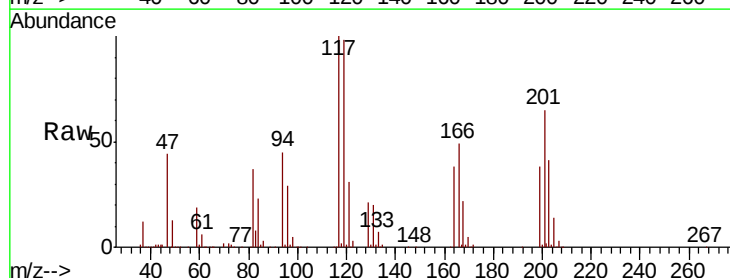
Acq: 2 Sep 2020 1:16

Tgt Ion: 117 Resp: 191331

Ion Ratio Lower Upper

117 100

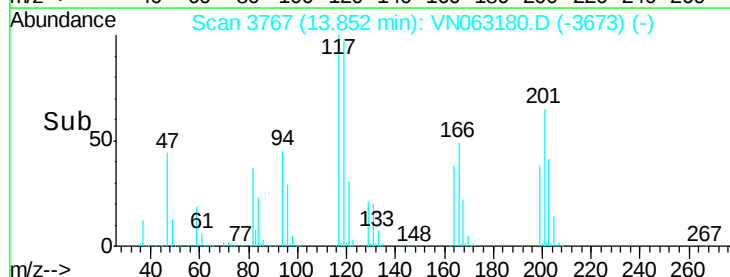
201 62.1 30.6 92.0



Abundance Ion 116.80 (116.50 to 117.50): VN063180.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063180.D (-3673) (-)

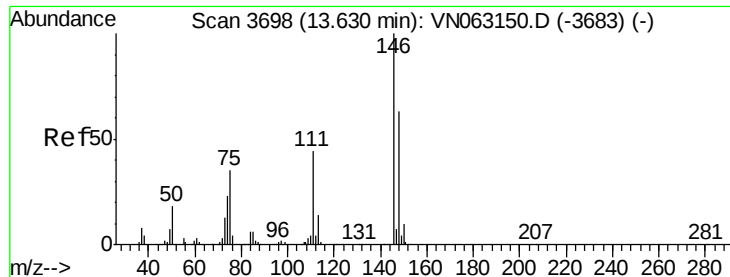
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VN063180.D (-3673) (-)

Ion 200.70 (200.40 to 201.40): VN063180.D (-3673) (-)

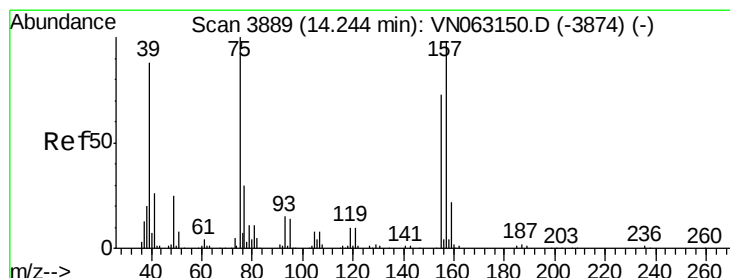
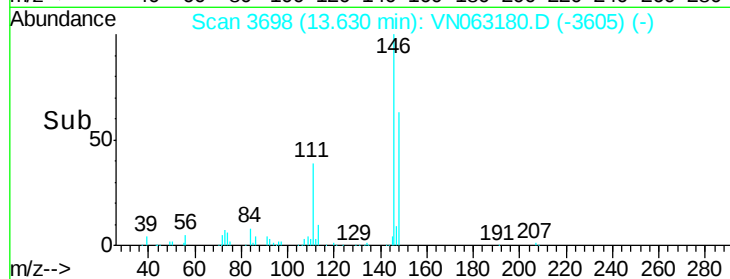
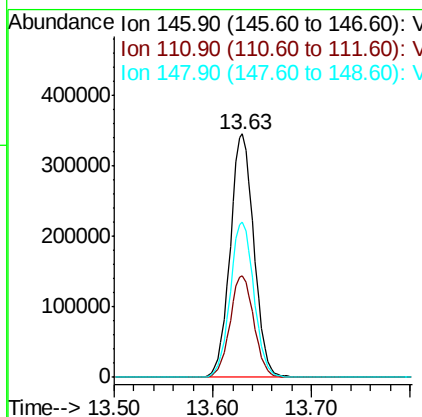
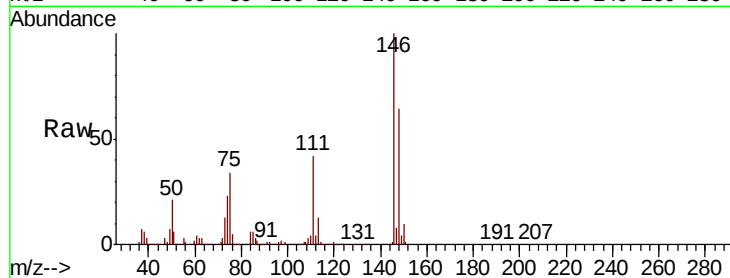
Time-->



#91
 1,2-Dichlorobenzene
 Concen: 51.710 ug/l
 RT: 13.63 min Scan# 3698
 Delta R.T. 0.00 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

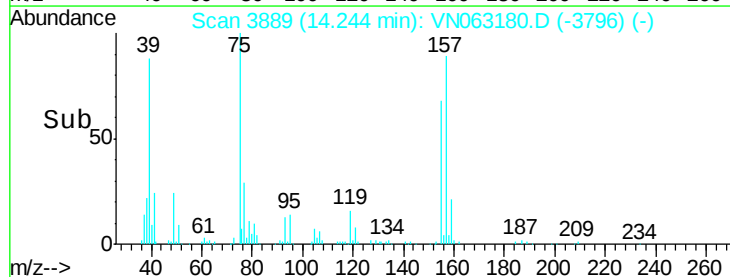
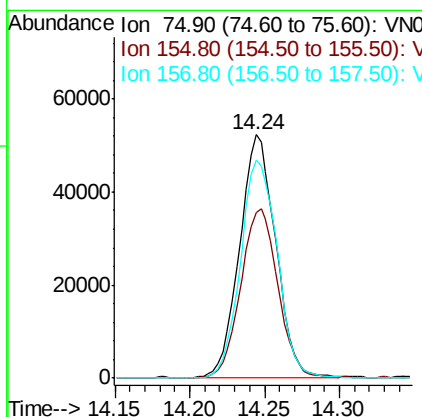
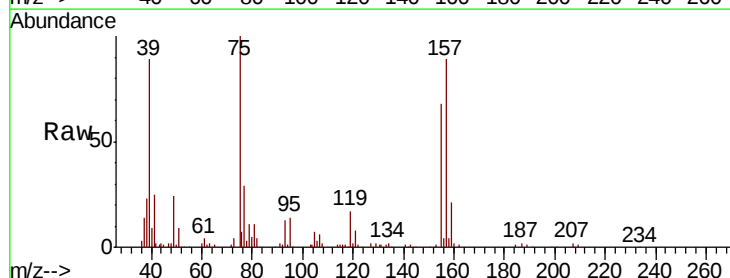
Instrument :
 MSVOA_N
 ClientSampleId :

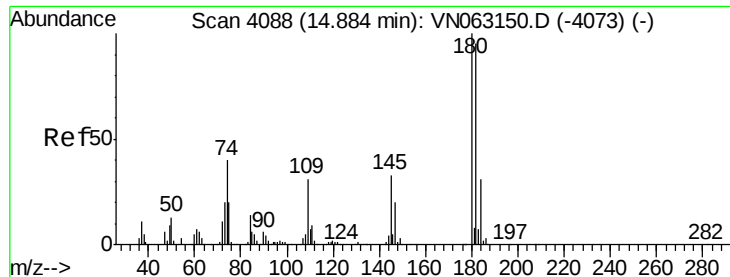
Tot Ion	Ratio	Lower	Upper
146	100		
111	41.9	22.0	66.0
148	63.9	31.6	95.0



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.795 ug/l
 RT: 14.24 min Scan# 3889
 Delta R.T. 0.00 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

Tgt Ion	Ratio	Lower	Upper
75	100		
155	72.0	36.1	108.5
157	91.1	48.4	145.0

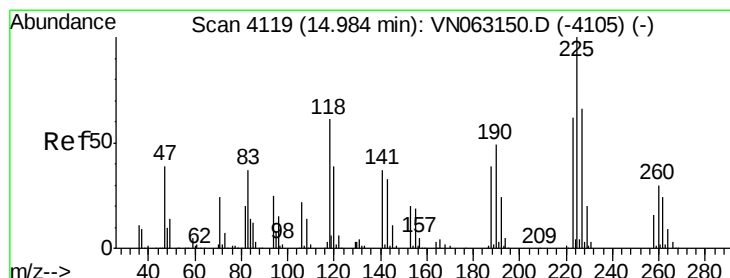
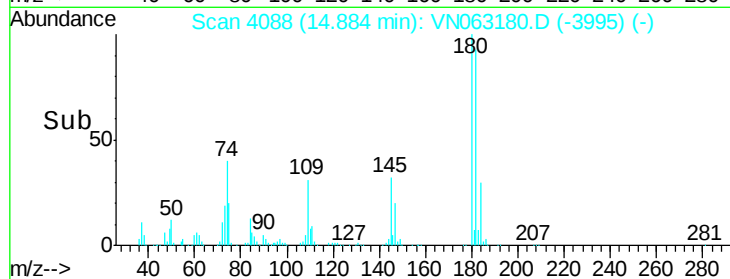
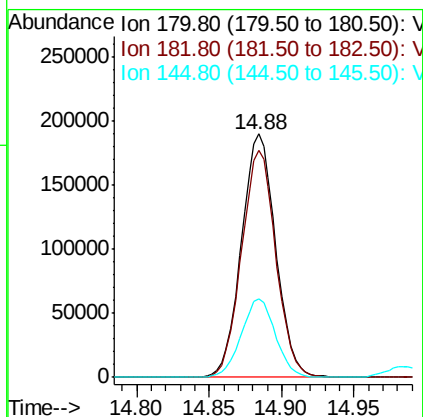
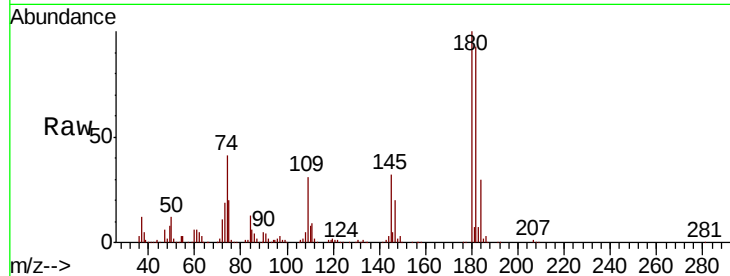




#93
 1,2,4-Trichlorobenzene
 Concen: 49.618 ug/l
 RT: 14.88 min Scan# 4088
 Delta R.T. 0.00 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

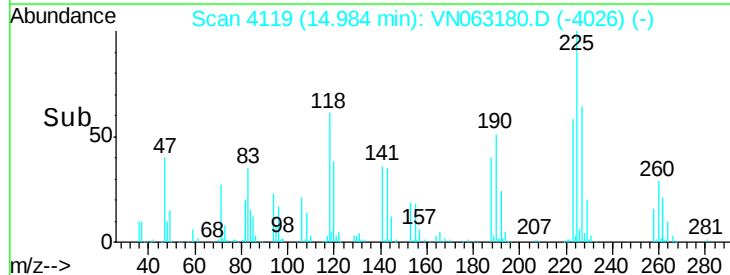
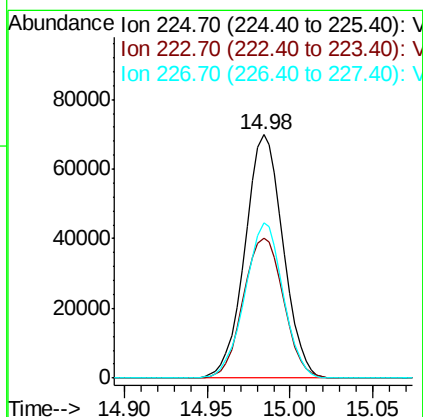
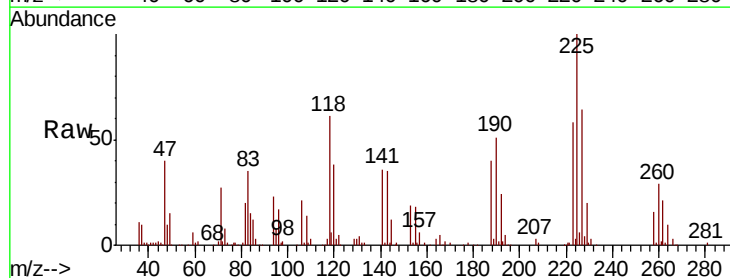
Instrument :
 MSVOA_N
 ClientSampleId :

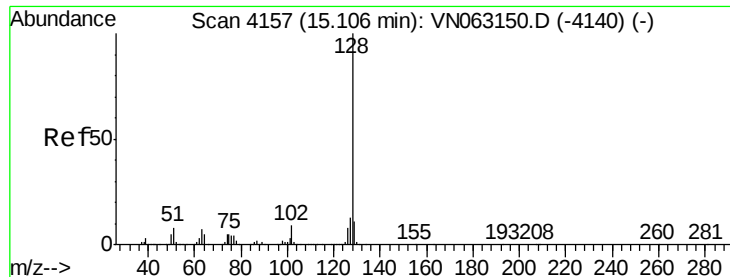
Tot Ion:180 Resp: 311720
 Ion Ratio Lower Upper
 180 100
 182 93.5 47.5 142.5
 145 32.2 16.6 49.8



#94
 Hexachlorobutadiene
 Concen: 47.689 ug/l
 RT: 14.98 min Scan# 4119
 Delta R.T. 0.00 min
 Lab File: VN063180.D
 Acq: 2 Sep 2020 1:16

Tgt Ion:225 Resp: 111923
 Ion Ratio Lower Upper
 225 100
 223 60.9 30.9 92.7
 227 63.9 32.9 98.7





#95

Naphthalene

Concen: 49.448 ug/l

RT: 15.11 min Scan# 4157

Delta R.T. 0.00 min

Lab File: VN063180.D

Acq: 2 Sep 2020 1:16

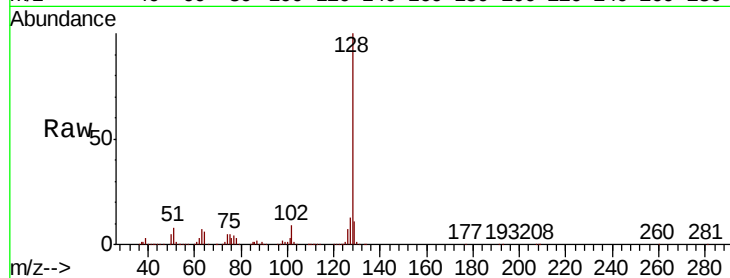
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion:128 Resp: 1036439

Ion	Ratio	Lower	Upper
128	100		
127	13.1	10.5	15.7
129	10.6	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

15.11

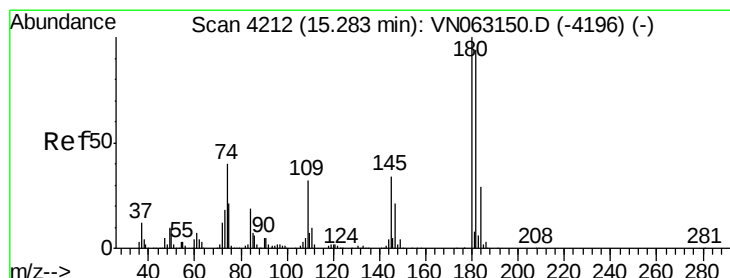
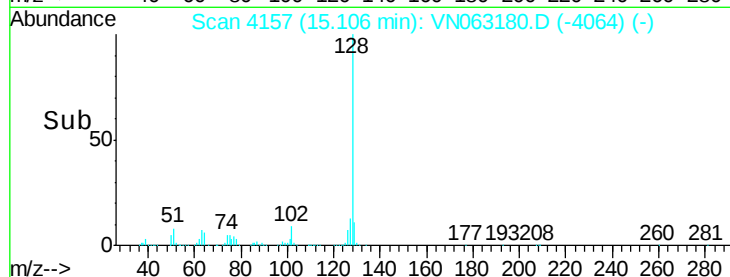
600000

400000

200000

0

Time--> 15.00 15.10 15.20



#96

1,2,3-Trichlorobenzene

Concen: 47.837 ug/l

RT: 15.29 min Scan# 4213

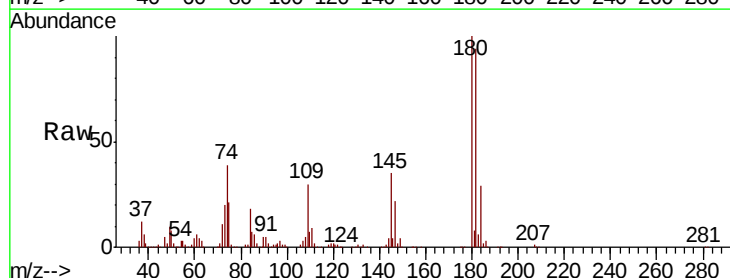
Delta R.T. 0.00 min

Lab File: VN063180.D

Acq: 2 Sep 2020 1:16

Tgt Ion:180 Resp: 292801

Ion	Ratio	Lower	Upper
180	100		
182	95.5	47.5	142.5
145	35.0	17.3	52.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

15.29

200000

150000

100000

50000

0

Time--> 15.20 15.25 15.30 15.35

