

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN093020\
 Data File : VN063741.D
 Acq On : 30 Sep 2020 11:12
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 30 11:39:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 30 11:35:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	283426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	465101	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	438717	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	221669	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	225459	46.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.94%	
35) Dibromofluoromethane	7.55	113	156094	48.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.64%	
50) Toluene-d8	10.06	98	581165	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
62) 4-Bromofluorobenzene	12.38	95	221766	49.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	139145	44.264	ug/l	100
3) Chloromethane	2.04	50	158859	38.752	ug/l	100
4) Vinyl Chloride	2.16	62	161751	44.091	ug/l	100
5) Bromomethane	2.53	94	100380	45.509	ug/l	100
6) Chloroethane	2.67	64	99661	43.774	ug/l	100
7) Trichlorofluoromethane	2.98	101	263064	47.348	ug/l	100
8) Diethyl Ether	3.38	74	92747	43.704	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	3.72	101	140062	45.166	ug/l	100
10) Methyl Iodide	3.91	142	175998	44.265	ug/l	100
11) Tert butyl alcohol	4.73	59	128281	200.991	ug/l	100
12) 1,1-Dichloroethene	3.70	96	132360	42.589	ug/l	100
13) Acrolein	3.57	56	80665	309.318	ug/l	100
14) Allyl chloride	4.28	41	255063	41.811	ug/l	100
15) Acrylonitrile	4.93	53	364486	220.117	ug/l	100
16) Acetone	3.77	43	344791	224.866	ug/l	100
17) Carbon Disulfide	4.01	76	367597	40.957	ug/l	100
18) Methyl Acetate	4.28	43	174105	44.988	ug/l	100
19) Methyl tert-butyl Ether	4.99	73	505622	43.415	ug/l	100
20) Methylene Chloride	4.51	84	160746	41.811	ug/l	100
21) trans-1,2-Dichloroethene	4.99	96	147847	42.820	ug/l	100
22) Diisopropyl ether	5.90	45	534646	42.517	ug/l	100
23) Vinyl Acetate	5.84	43	2285564	221.901	ug/l	100
24) 1,1-Dichloroethane	5.80	63	300457	43.750	ug/l	100
25) 2-Butanone	6.78	43	513423	220.473	ug/l	100
26) 2,2-Dichloropropane	6.78	77	271836	44.576	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	174688	44.679	ug/l	100
28) Bromochloromethane	7.15	49	152625	47.115	ug/l	100
29) Tetrahydrofuran	7.16	42	338890	213.210	ug/l	100
30) Chloroform	7.33	83	312257	45.009	ug/l	100
31) Cyclohexane	7.61	56	248875	38.902	ug/l	100
32) 1,1,1-Trichloroethane	7.53	97	288993	46.525	ug/l	100
36) 1,1-Dichloropropene	7.75	75	225346	46.168	ug/l	100
37) Ethyl Acetate	6.88	43	219233	45.952	ug/l	100
38) Carbon Tetrachloride	7.73	117	248071	49.295	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN093020\
 Data File : VN063741.D
 Acq On : 30 Sep 2020 11:12
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Quant Time: Sep 30 11:39:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 30 11:35:29 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	9.05	83	230878	43.962	ug/l	100
40) Benzene	8.00	78	642234	46.095	ug/l	100
41) Methacrylonitrile	7.13	41	110774	50.698	ug/l	100
42) 1,2-Dichloroethane	8.08	62	276101	48.814	ug/l	100
43) Isopropyl Acetate	8.13	43	389789	45.585	ug/l	100
44) Trichloroethene	8.80	130	166043	48.552	ug/l	100
45) 1,2-Dichloropropane	9.08	63	176220	46.507	ug/l	100
46) Dibromomethane	9.17	93	119645	47.779	ug/l	100
47) Bromodichloromethane	9.37	83	255324	48.837	ug/l	100
48) Methyl methacrylate	9.17	41	188534	45.048	ug/l	100
49) 1,4-Dioxane	9.16	88	51431	860.135	ug/l	100
51) 4-Methyl-2-Pentanone	9.95	43	1163100	241.031	ug/l	100
52) Toluene	10.13	92	410996	48.844	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	277166	47.758	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	291411	47.766	ug/l	100
55) 1,1,2-Trichloroethane	10.53	97	165495	49.259	ug/l	100
56) Ethyl methacrylate	10.40	69	243474	46.917	ug/l	100
57) 1,3-Dichloropropane	10.68	76	282471	46.901	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.66	63	645829	235.082	ug/l	100
59) 2-Hexanone	10.72	43	852632	243.775	ug/l	100
60) Dibromochloromethane	10.87	129	188836	49.690	ug/l	100
61) 1,2-Dibromoethane	10.98	107	171383	49.156	ug/l	100
64) Tetrachloroethene	10.60	164	154258	51.236	ug/l	100
65) Chlorobenzene	11.41	112	430358	46.854	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	169869	50.028	ug/l	100
67) Ethyl Benzene	11.48	91	817016	47.228	ug/l	100
68) m/p-Xylenes	11.59	106	603740	96.539	ug/l	100
69) o-Xylene	11.92	106	283998	47.817	ug/l	100
70) Styrene	11.94	104	495372	49.723	ug/l	100
71) Bromoform	12.10	173	132517	52.226	ug/l #	100
73) Isopropylbenzene	12.22	105	792535	45.347	ug/l	100
74) N-amyl acetate	12.04	43	349766	42.761	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.48	83	237811	43.951	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	334211	61.950	ug/l #	100
77) Bromobenzene	12.50	156	190086	47.860	ug/l	100
78) n-propylbenzene	12.57	91	908649	44.729	ug/l	100
79) 2-Chlorotoluene	12.65	91	546946	44.799	ug/l	100
80) 1,3,5-Trimethylbenzene	12.71	105	664311	45.699	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	85360	43.621	ug/l	100
82) 4-Chlorotoluene	12.75	91	580984	44.988	ug/l	100
83) tert-Butylbenzene	12.97	119	541702	45.076	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	682733	46.399	ug/l	100
85) sec-Butylbenzene	13.15	105	714700	44.530	ug/l	100
86) p-Isopropyltoluene	13.26	119	647222	45.687	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	346941	47.248	ug/l	100
88) 1,4-Dichlorobenzene	13.34	146	342768	46.142	ug/l	100
89) n-Butylbenzene	13.59	91	579497	44.576	ug/l	100
90) Hexachloroethane	13.85	117	123564	45.622	ug/l	100
91) 1,2-Dichlorobenzene	13.63	146	334744	46.677	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.24	75	55338	43.371	ug/l	100

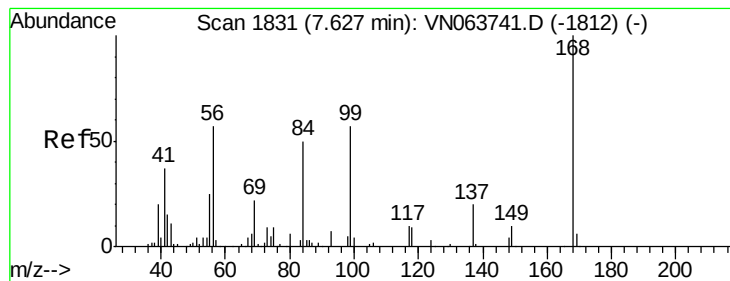
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN093020\
Data File : VN063741.D
Acq On : 30 Sep 2020 11:12
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Quant Time: Sep 30 11:39:51 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N093020W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 30 11:35:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	182177	43.859	ug/l	100
94) Hexachlorobutadiene	14.98	225	93953	52.502	ug/l	100
95) Naphthalene	15.10	128	563550	41.460	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	176191	43.910	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1831

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

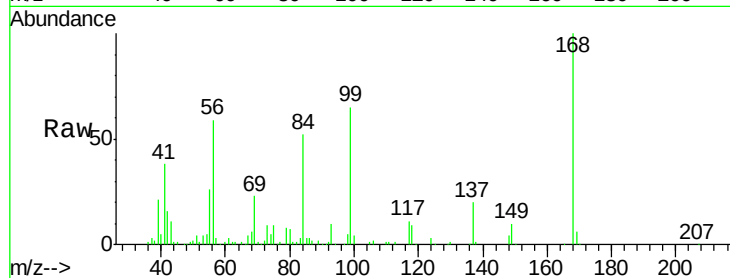
VSTDICCC050

Tgt Ion: 168 Resp: 283426

Ion Ratio Lower Upper

168 100

99 64.7 51.8 77.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

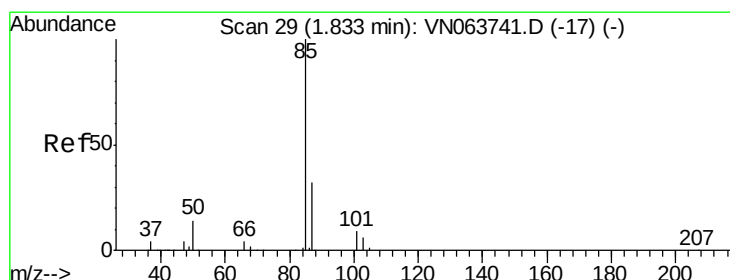
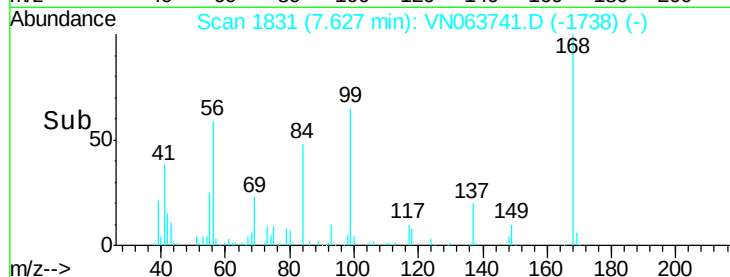
7.63

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 44.264 ug/l

RT: 1.83 min Scan# 29

Delta R.T. 0.00 min

Lab File: VN063741.D

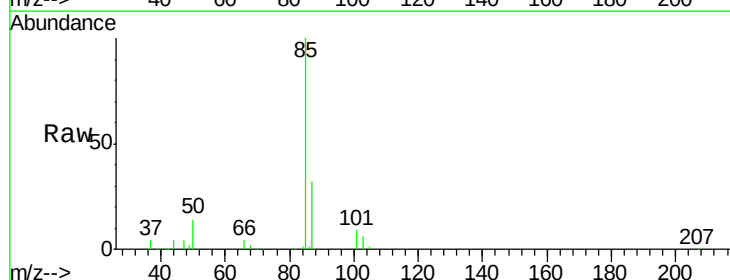
Acq: 30 Sep 2020 11:12

Tgt Ion: 85 Resp: 139145

Ion Ratio Lower Upper

85 100

87 32.0 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

120000

100000

80000

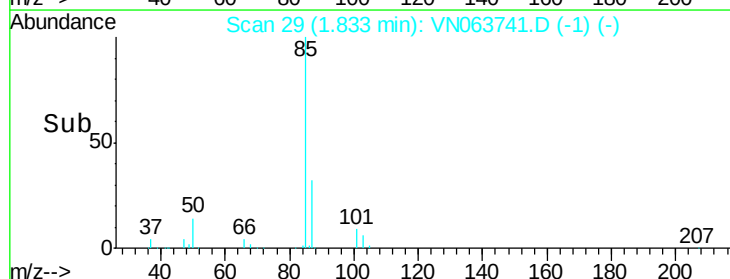
60000

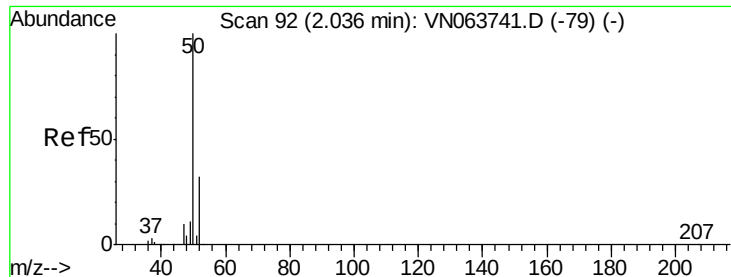
40000

20000

0

Time-->

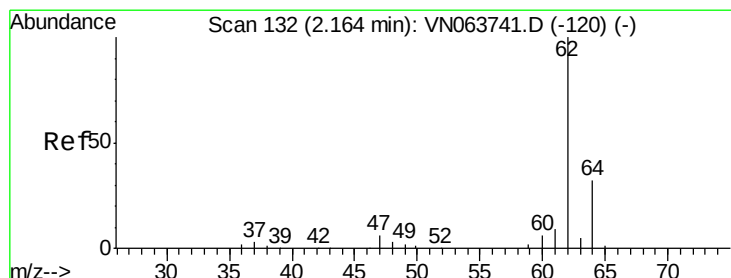
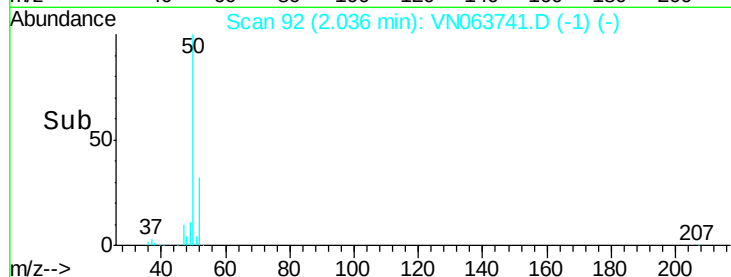
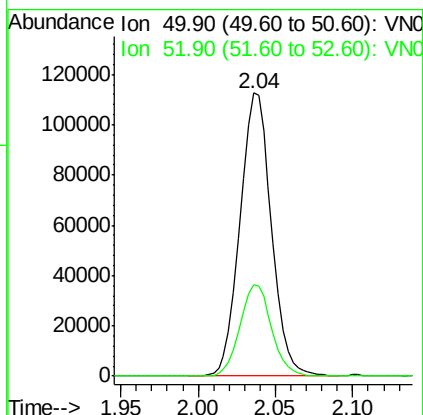
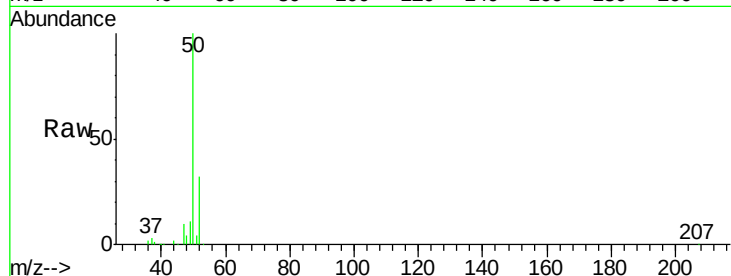




#3
Chloromethane
Concen: 38.752 ug/l
RT: 2.04 min Scan# 92
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

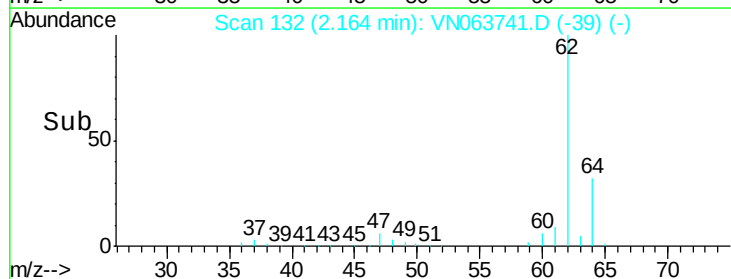
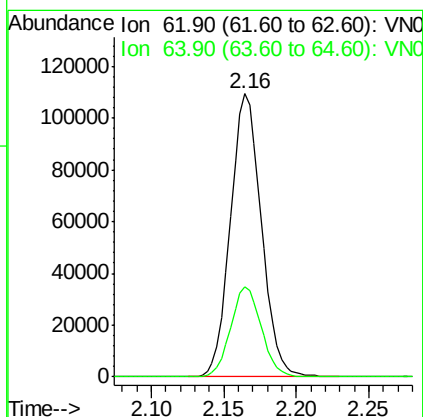
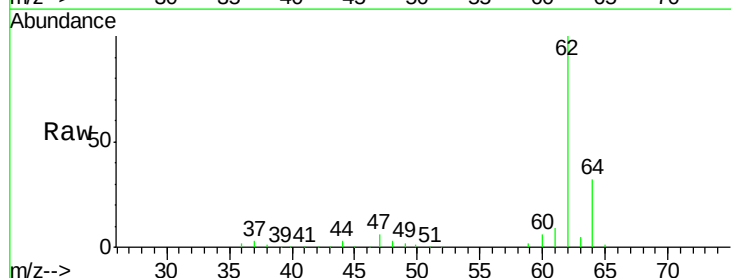
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

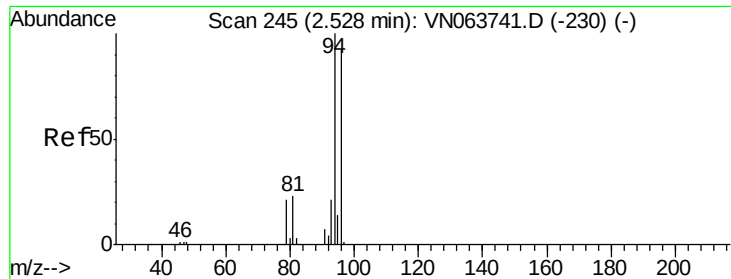
Tgt Ion: 50 Resp: 158859
Ion Ratio Lower Upper
50 100
52 32.3 25.8 38.8



#4
Vinyl Chloride
Concen: 44.091 ug/l
RT: 2.16 min Scan# 132
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

Tgt Ion: 62 Resp: 161751
Ion Ratio Lower Upper
62 100
64 32.0 25.6 38.4





#5

Bromomethane

Concen: 45.509 ug/l

RT: 2.53 min Scan# 245

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

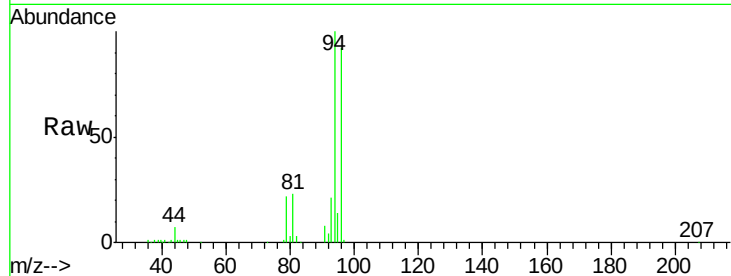
VSTDICCC050

Tgt Ion: 94 Resp: 100380

Ion Ratio Lower Upper

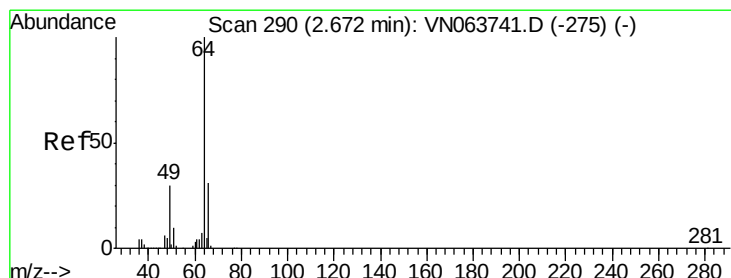
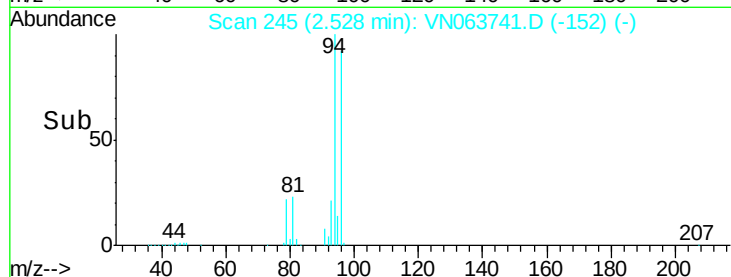
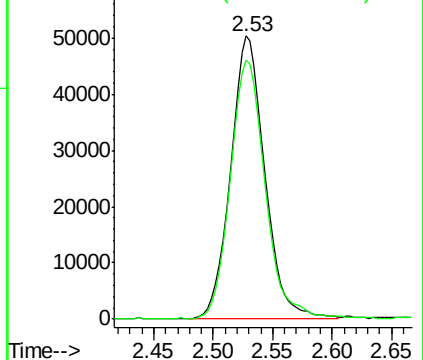
94 100

96 91.6 73.3 109.9



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 43.774 ug/l

RT: 2.67 min Scan# 290

Delta R.T. 0.00 min

Lab File: VN063741.D

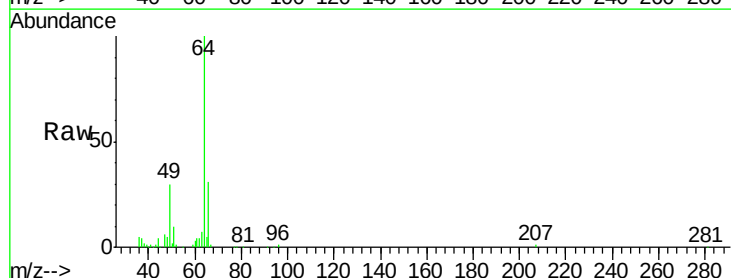
Acq: 30 Sep 2020 11:12

Tgt Ion: 64 Resp: 99661

Ion Ratio Lower Upper

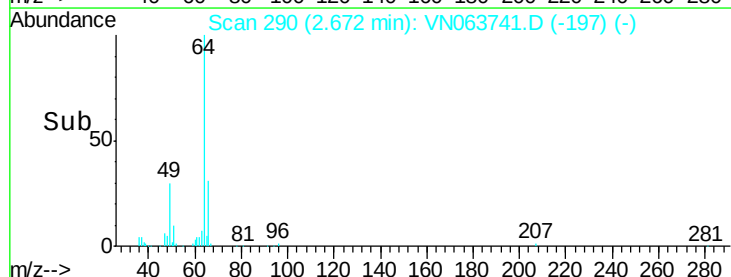
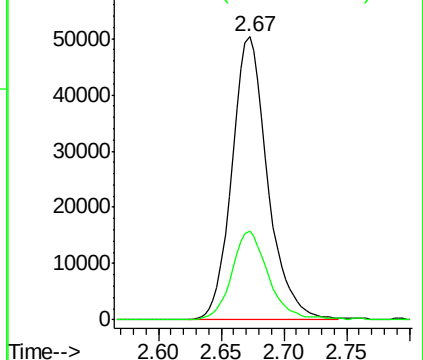
64 100

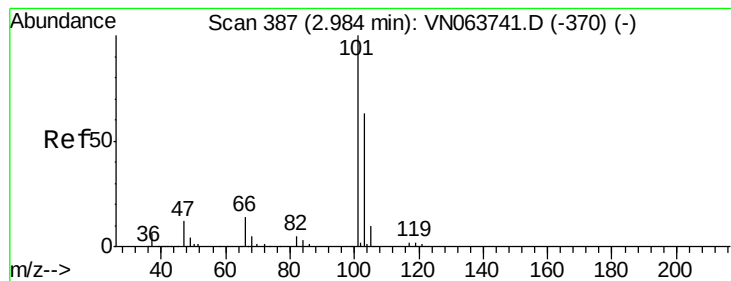
66 31.4 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



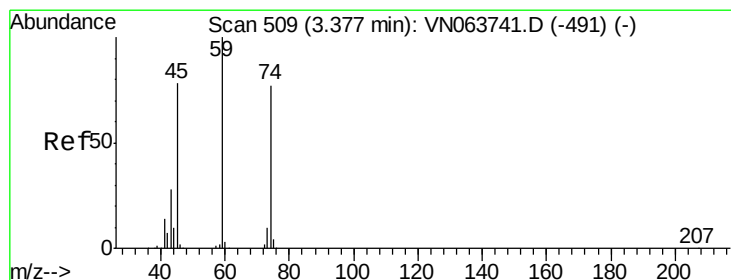
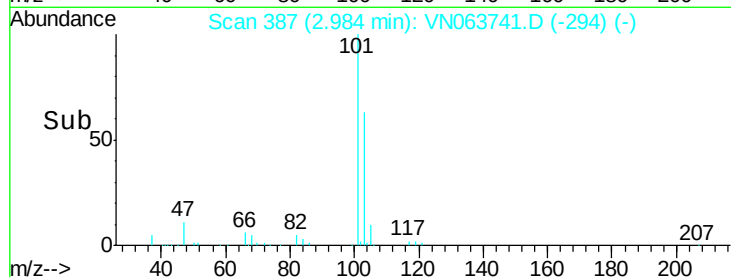
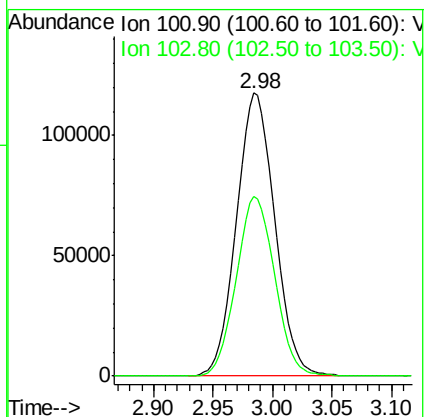
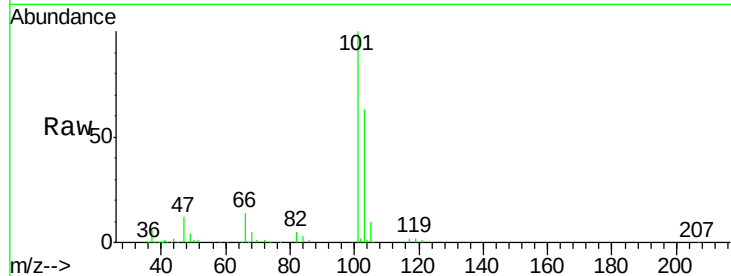


#7

Trichlorofluoromethane
Concen: 47.348 ug/l
RT: 2.98 min Scan# 387
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

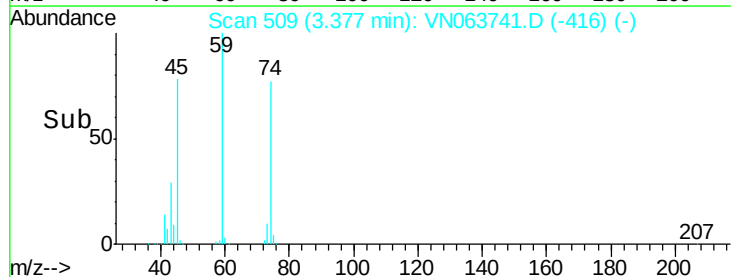
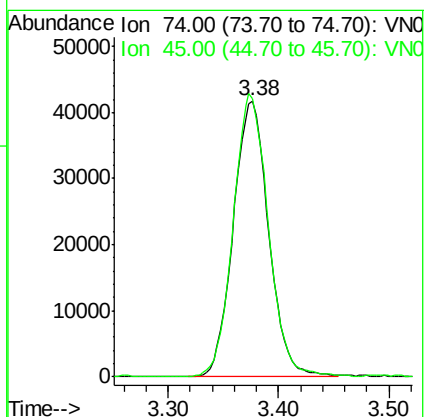
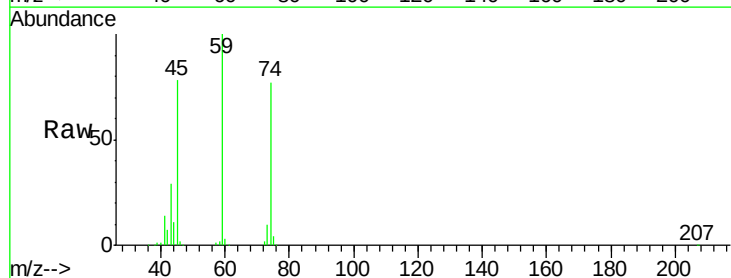
Tgt Ion:101 Resp: 263064
Ion Ratio Lower Upper
101 100
103 63.4 50.7 76.1

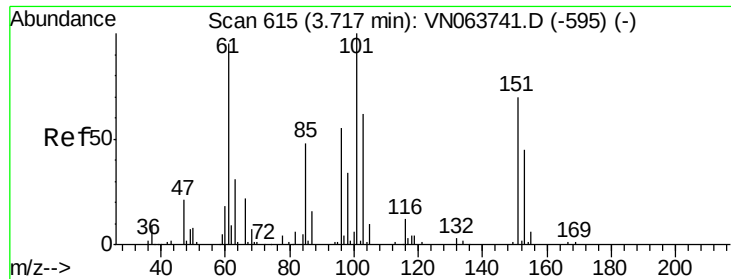


#8

Diethyl Ether
Concen: 43.704 ug/l
RT: 3.38 min Scan# 509
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

Tgt Ion: 74 Resp: 92747
Ion Ratio Lower Upper
74 100
45 101.9 50.9 152.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 45.166 ug/l

RT: 3.72 min Scan# 615

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

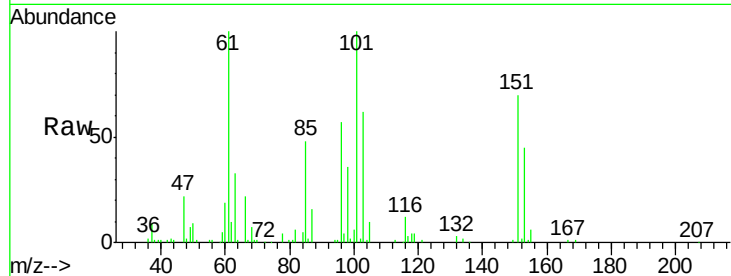
Tgt Ion:101 Resp: 140062

Ion Ratio Lower Upper

101 100

85 48.3 38.6 58.0

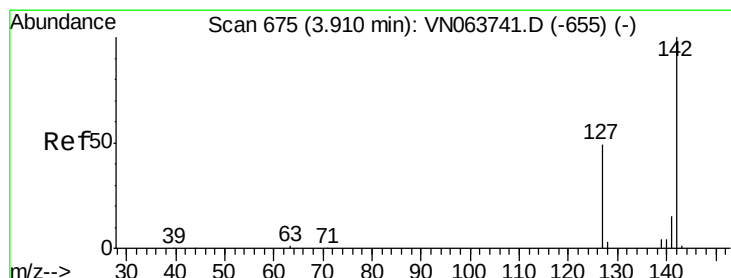
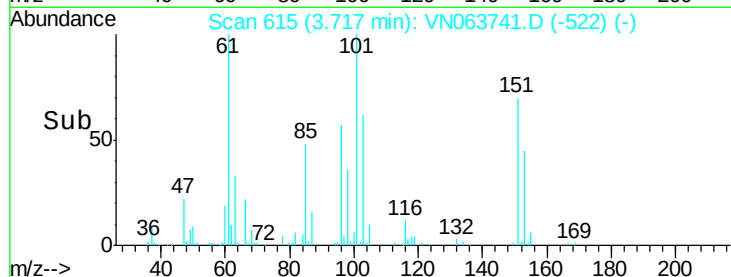
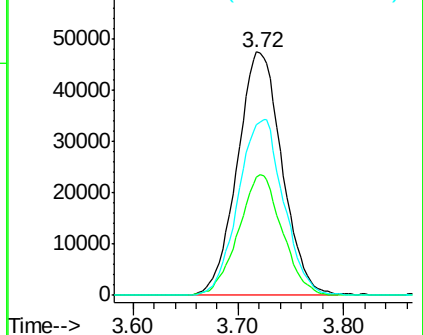
151 73.4 58.7 88.1



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: 44.265 ug/l

RT: 3.91 min Scan# 675

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

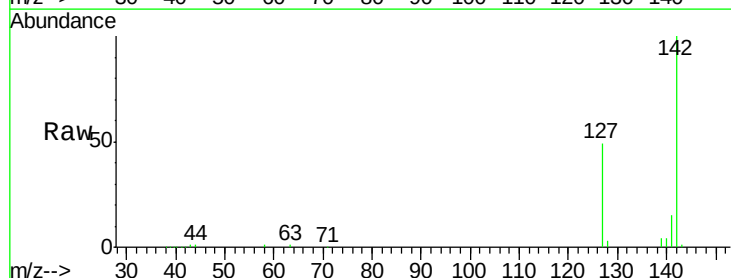
Tgt Ion:142 Resp: 175998

Ion Ratio Lower Upper

142 100

127 50.6 40.5 60.7

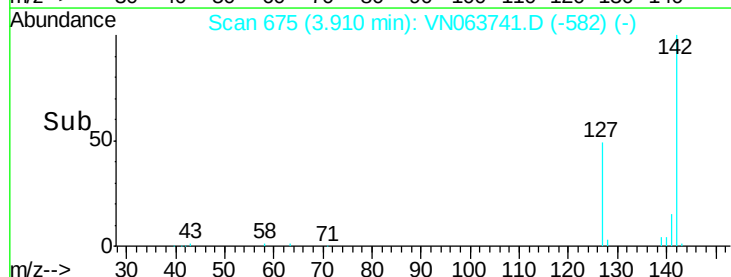
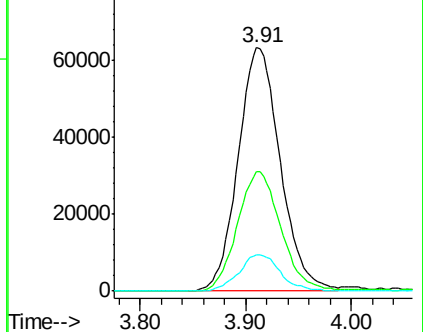
141 14.6 11.7 17.5

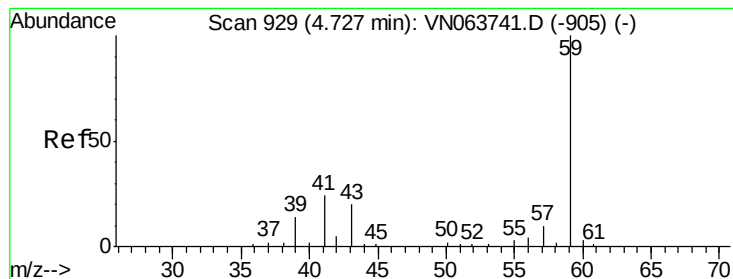


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 200.991 ug/l

RT: 4.73 min Scan# 929

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

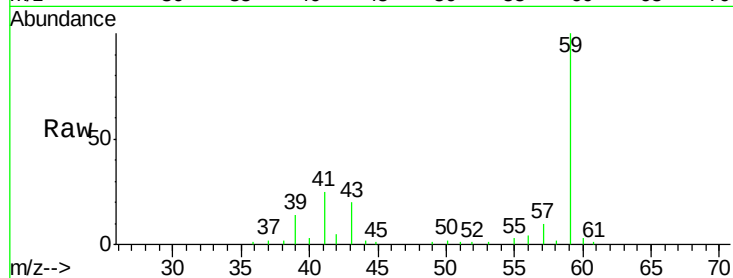
VSTDICCC050

Tgt Ion: 59 Resp: 128281

Ion Ratio Lower Upper

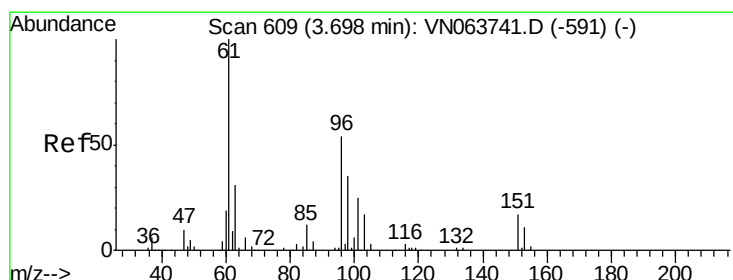
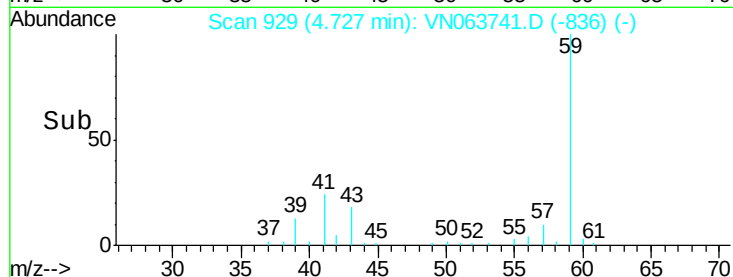
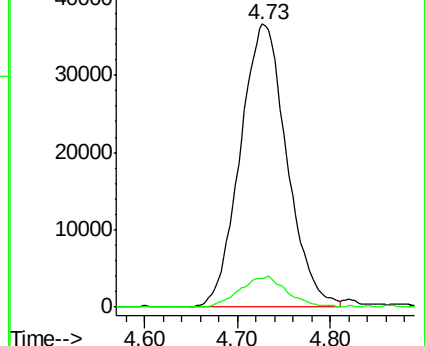
59 100

57 10.9 8.7 13.1



Abundance Ion 59.00 (58.70 to 59.70): VN0

Ion 57.00 (56.70 to 57.70): VN0



#12

1,1-Dichloroethene

Concen: 42.589 ug/l

RT: 3.70 min Scan# 609

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

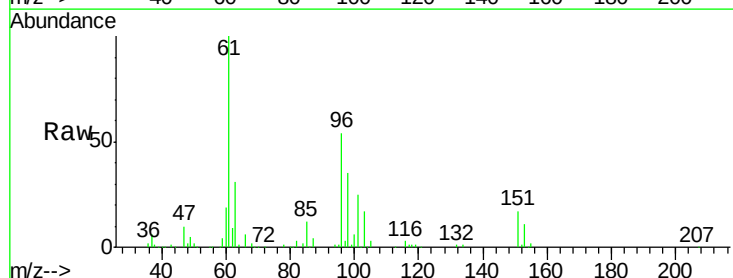
Tgt Ion: 96 Resp: 132360

Ion Ratio Lower Upper

96 100

61 184.6 147.7 221.5

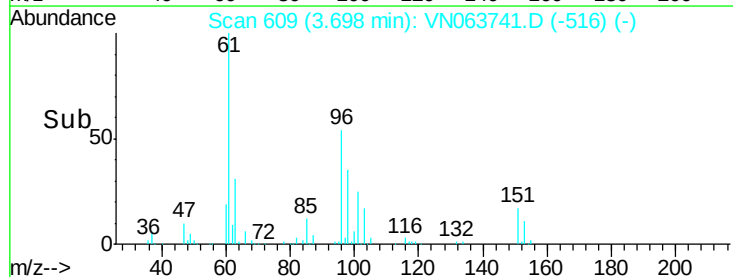
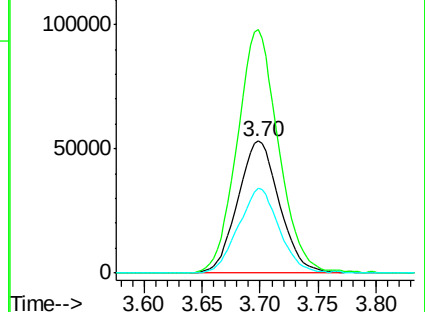
98 64.9 51.9 77.9

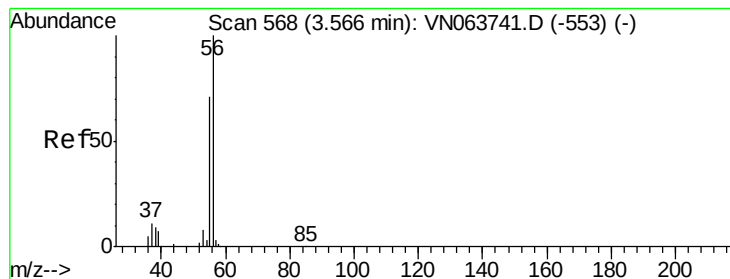


Abundance Ion 95.90 (95.60 to 96.60): VN0

Ion 60.90 (60.60 to 61.60): VN0

Ion 97.90 (97.60 to 98.60): VN0





#13

Acrolein

Concen: 309.318 ug/l

RT: 3.57 min Scan# 568

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

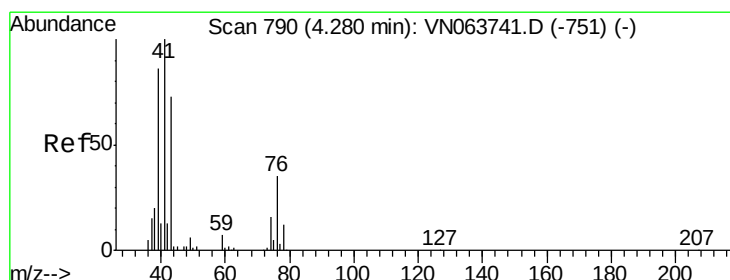
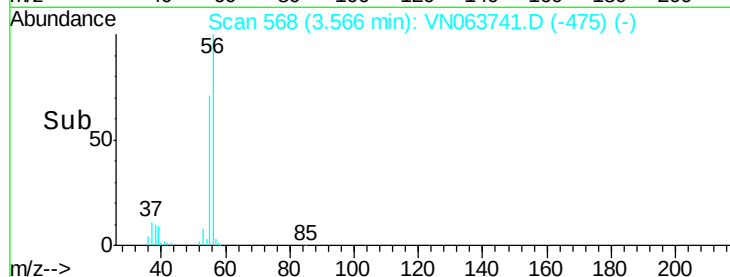
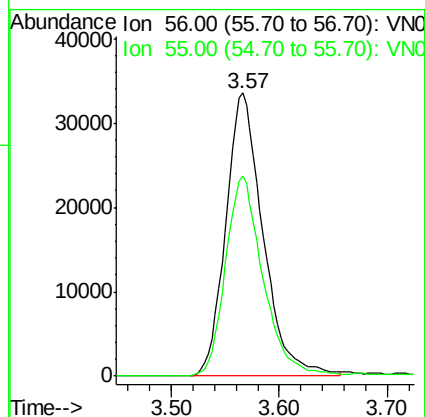
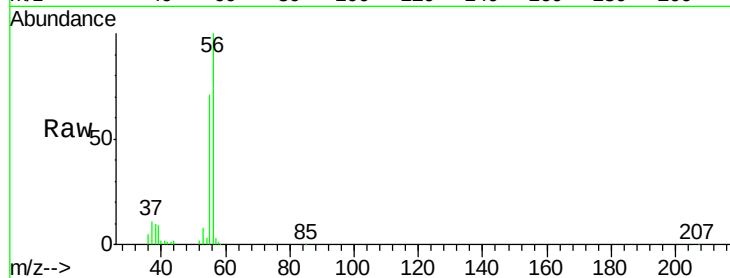
VSTDICCC050

Tgt Ion: 56 Resp: 80665

Ion Ratio Lower Upper

56 100

55 71.1 56.9 85.3



#14

Allyl chloride

Concen: 41.811 ug/l

RT: 4.28 min Scan# 790

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

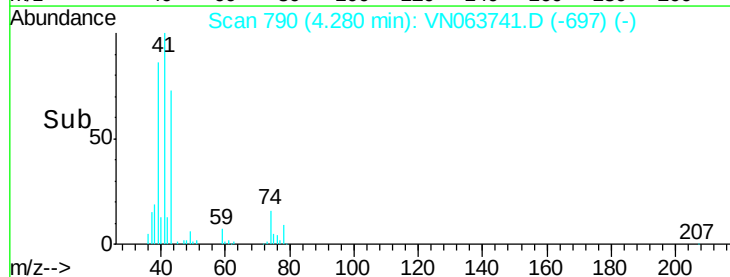
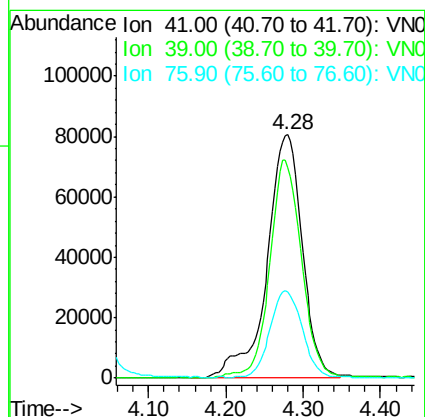
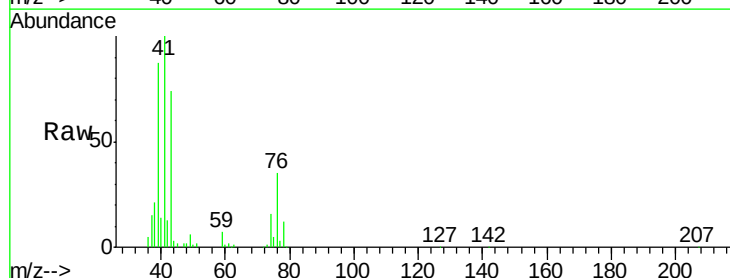
Tgt Ion: 41 Resp: 255063

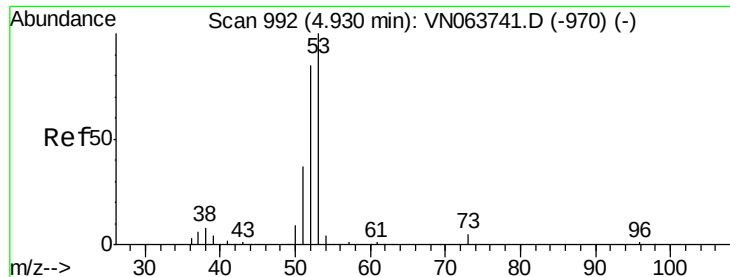
Ion Ratio Lower Upper

41 100

39 80.6 64.5 96.7

76 32.4 25.9 38.9





#15

Acrylonitrile

Concen: 220.117 ug/l

RT: 4.93 min Scan# 992

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

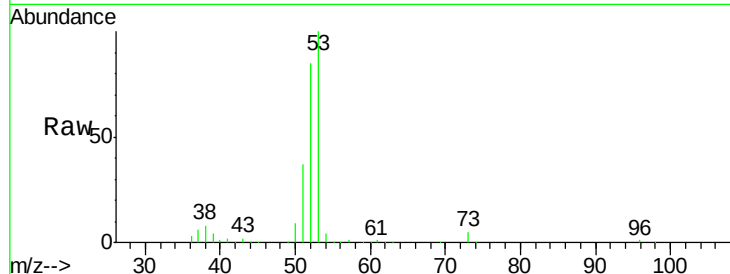
Tgt Ion: 53 Resp: 364486

Ion Ratio Lower Upper

53 100

52 83.1 66.5 99.7

51 37.4 29.9 44.9

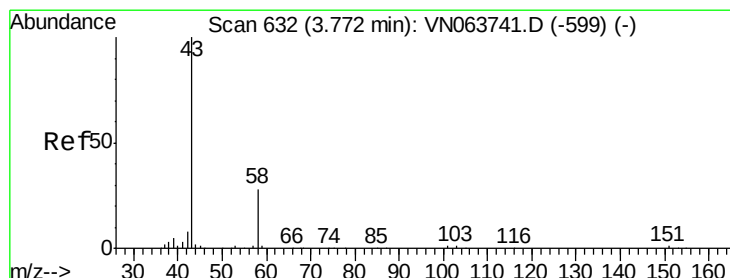
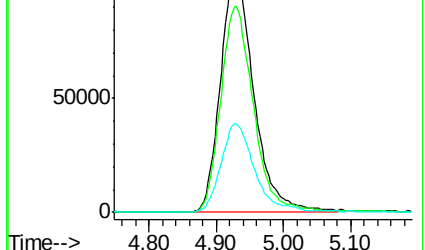
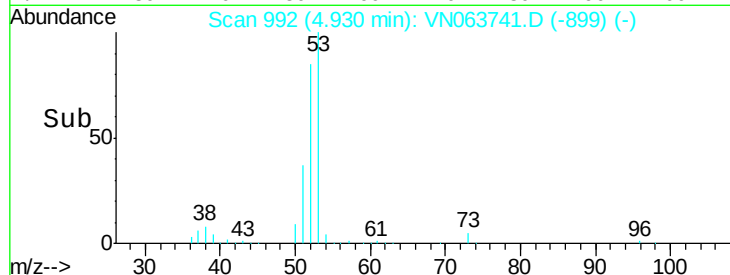


Abundance Ion 53.00 (52.70 to 53.70): VN063741.D (-970) (-)

Ion 52.00 (51.70 to 52.70): VN063741.D (-970) (-)

Ion 51.00 (50.70 to 51.70): VN063741.D (-970) (-)

Time-->



#16

Acetone

Concen: 224.866 ug/l

RT: 3.77 min Scan# 632

Delta R.T. 0.00 min

Lab File: VN063741.D

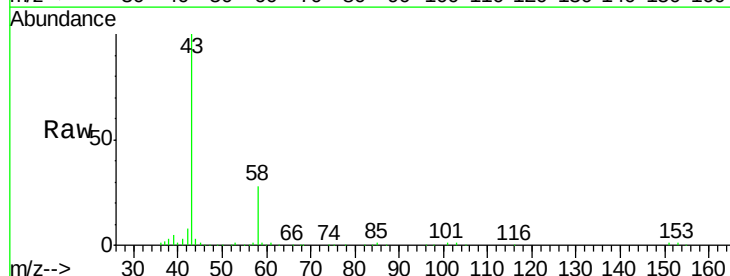
Acq: 30 Sep 2020 11:12

Tgt Ion: 43 Resp: 344791

Ion Ratio Lower Upper

43 100

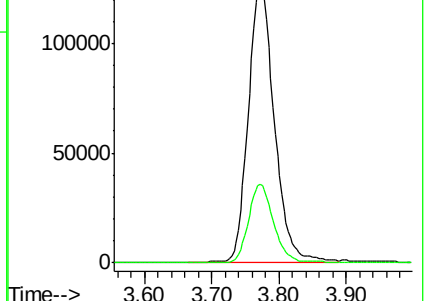
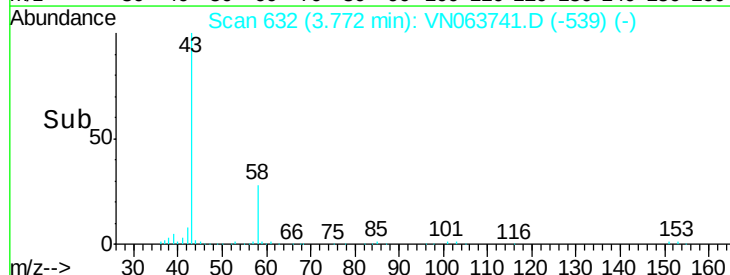
58 27.9 22.3 33.5

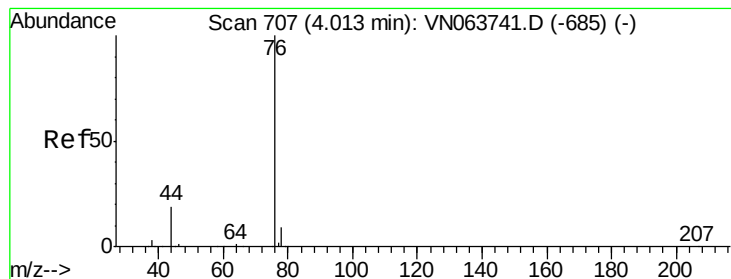


Abundance Ion 43.00 (42.70 to 43.70): VN063741.D (-599) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-599) (-)

Time-->





#17

Carbon Disulfide

Concen: 40.957 ug/l

RT: 4.01 min Scan# 707

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

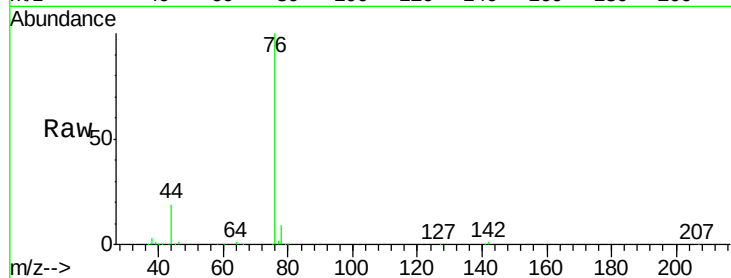
VSTDICCC050

Tgt Ion: 76 Resp: 367597

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.4



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0

4.01

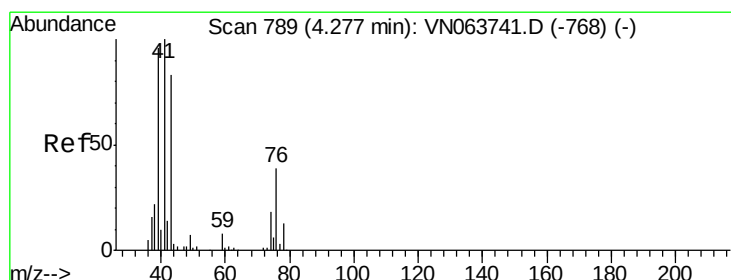
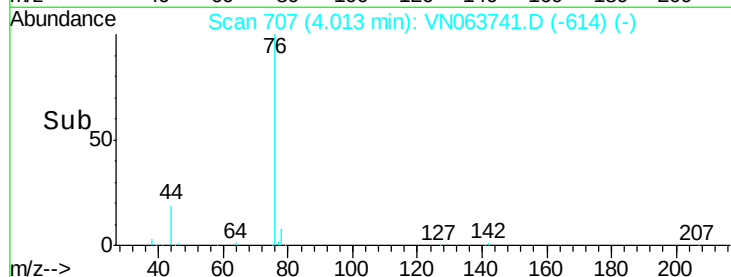
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 44.988 ug/l

RT: 4.28 min Scan# 789

Delta R.T. 0.00 min

Lab File: VN063741.D

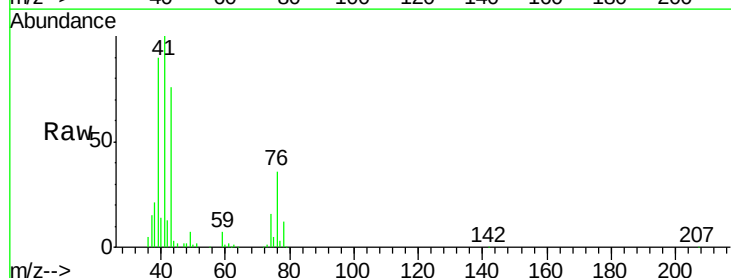
Acq: 30 Sep 2020 11:12

Tgt Ion: 43 Resp: 174105

Ion Ratio Lower Upper

43 100

74 21.8 17.4 26.2



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 74.00 (73.70 to 74.70): VN0

4.28

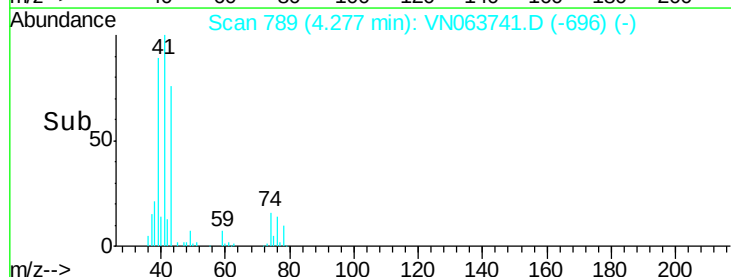
60000

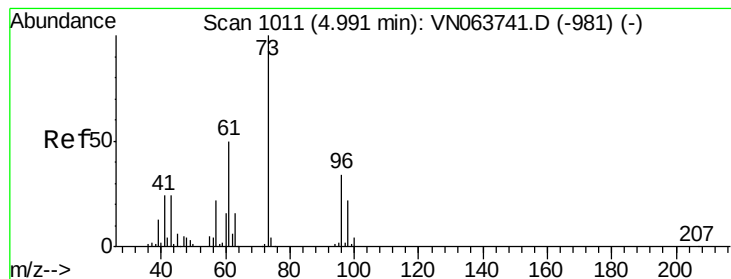
40000

20000

0

Time-->



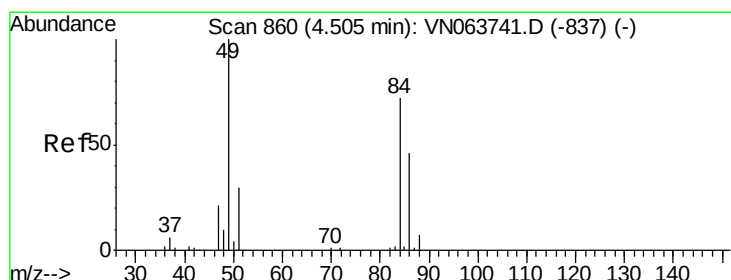
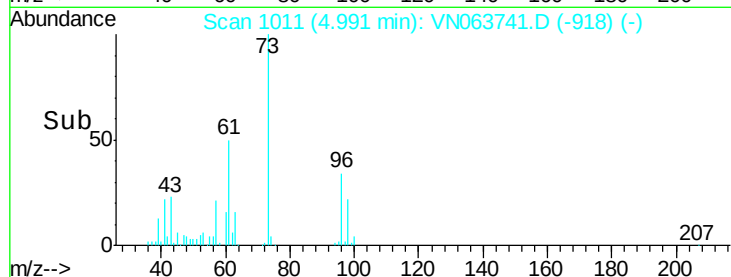
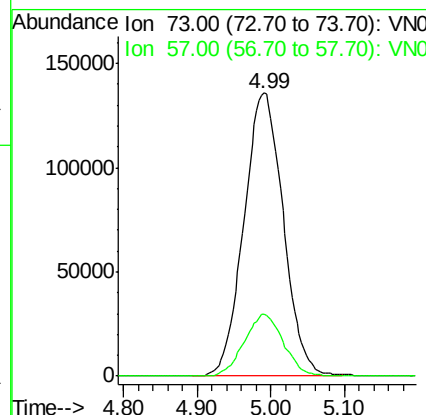
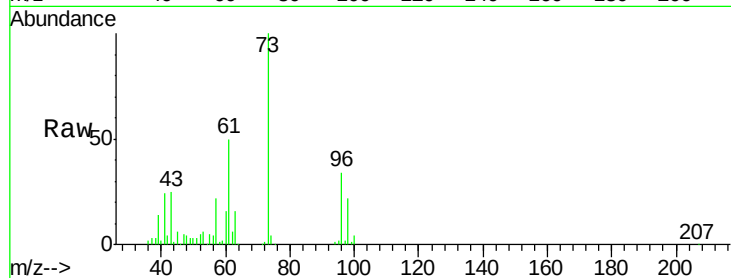


#19

Methyl tert-butyl Ether
 Concen: 43.415 ug/l
 RT: 4.99 min Scan# 1011
 Delta R.T. 0.00 min
 Lab File: VN063741.D
 Acq: 30 Sep 2020 11:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

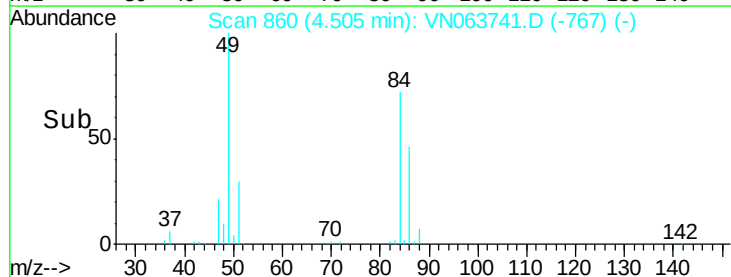
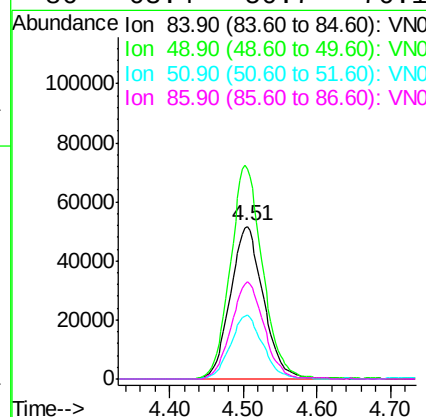
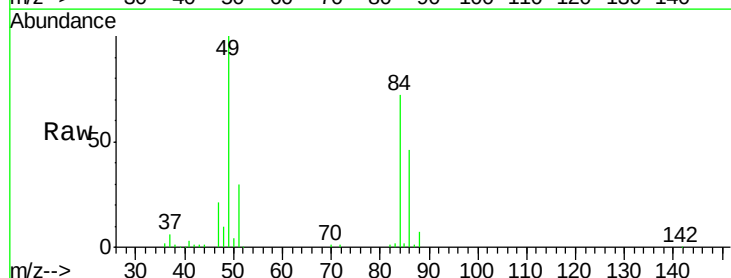
Tgt Ion: 73 Resp: 505622
 Ion Ratio Lower Upper
 73 100
 57 22.0 17.6 26.4

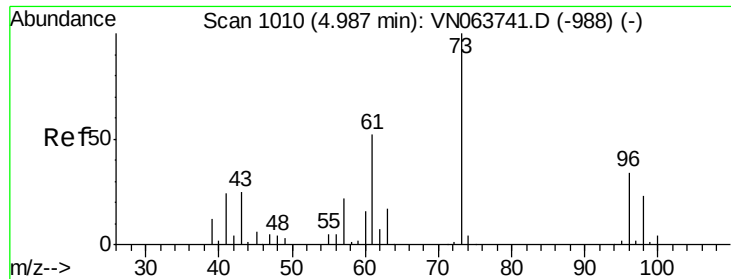


#20

Methylene Chloride
 Concen: 41.811 ug/l
 RT: 4.51 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: VN063741.D
 Acq: 30 Sep 2020 11:12

Tgt Ion: 84 Resp: 160746
 Ion Ratio Lower Upper
 84 100
 49 138.0 110.4 165.6
 51 41.6 33.3 49.9
 86 63.4 50.7 76.1





#21

trans-1,2-Dichloroethene

Concen: 42.820 ug/l

RT: 4.99 min Scan# 1010

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

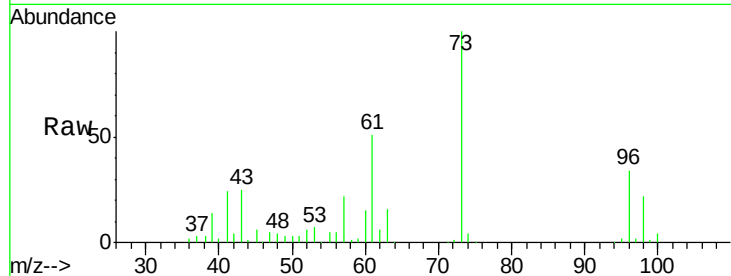
Tgt Ion: 96 Resp: 147847

Ion Ratio Lower Upper

96 100

61 150.2 120.2 180.2

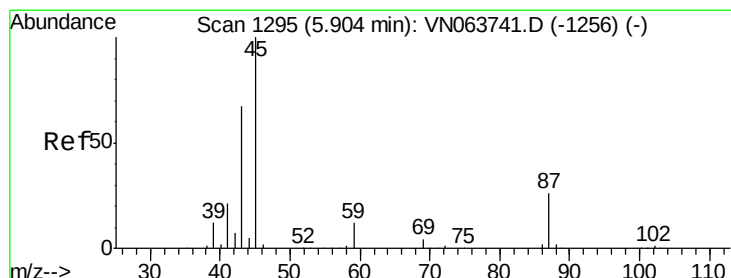
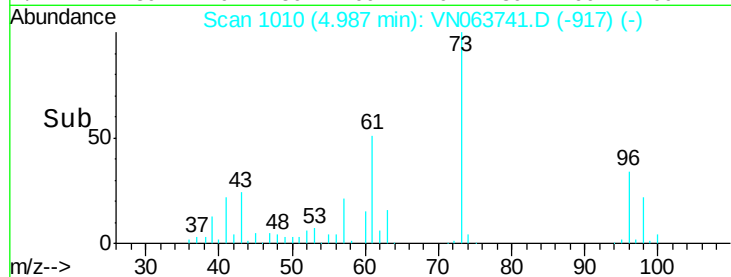
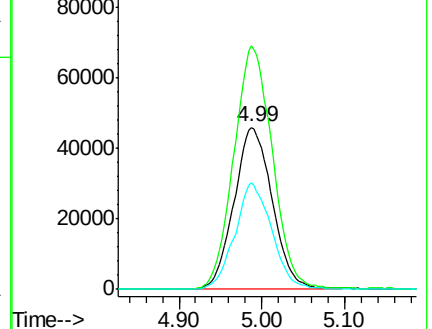
98 65.8 52.6 79.0



Abundance Ion 95.90 (95.60 to 96.60): VN063741.D (-988) (-)

Ion 60.90 (60.60 to 61.60): VN063741.D (-988) (-)

Ion 97.90 (97.60 to 98.60): VN063741.D (-988) (-)



#22

Diisopropyl ether

Concen: 42.517 ug/l

RT: 5.90 min Scan# 1295

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

Tgt Ion: 45 Resp: 534646

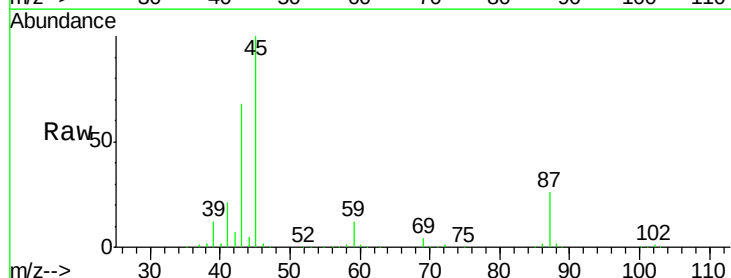
Ion Ratio Lower Upper

45 100

43 67.1 53.7 80.5

87 26.4 21.1 31.7

59 11.5 9.2 13.8

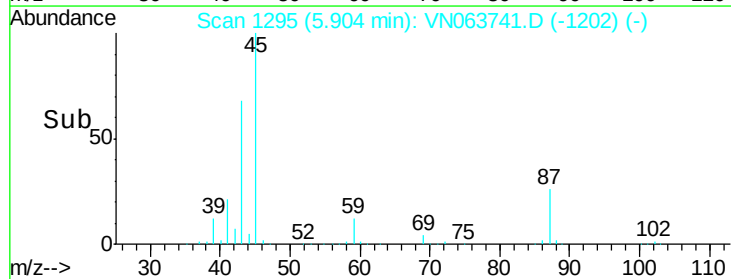
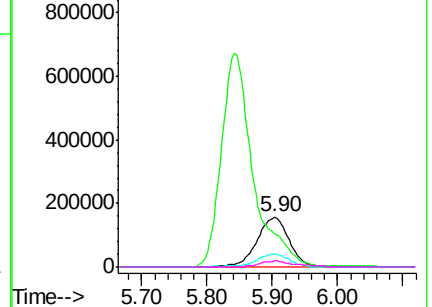


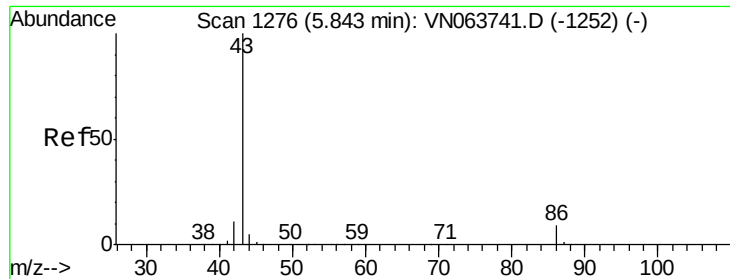
Abundance Ion 45.00 (44.70 to 45.70): VN063741.D (-1256) (-)

Ion 43.00 (42.70 to 43.70): VN063741.D (-1256) (-)

Ion 87.00 (86.70 to 87.70): VN063741.D (-1256) (-)

Ion 59.00 (58.70 to 59.70): VN063741.D (-1256) (-)

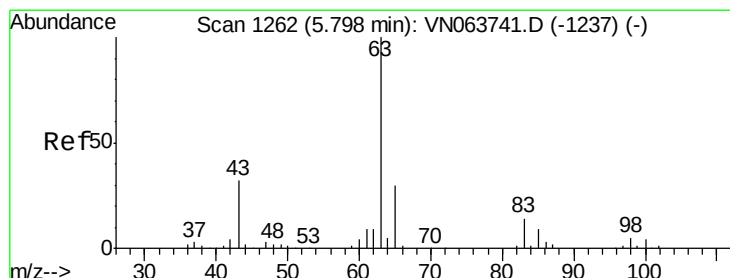
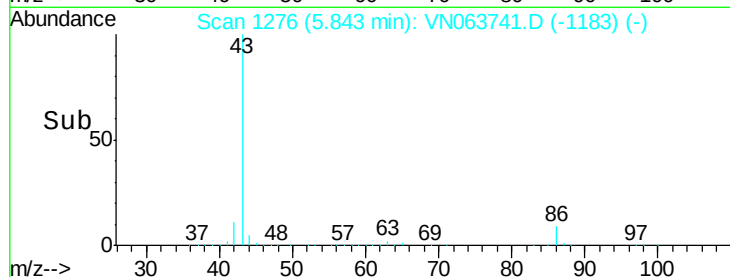
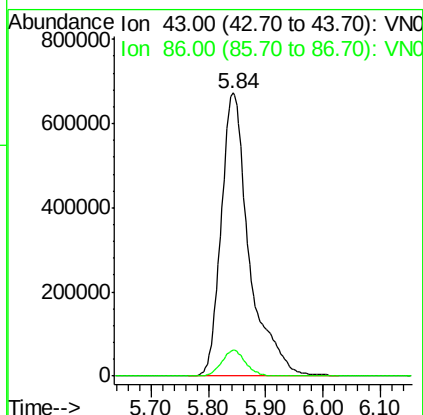
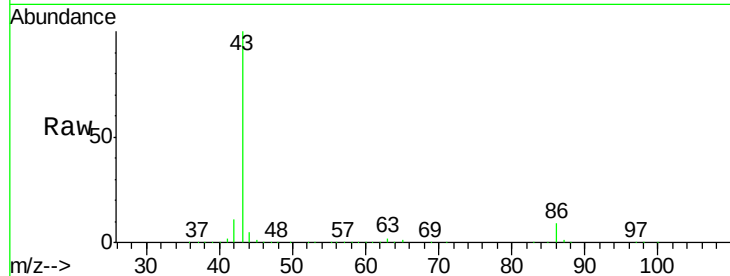




#23
 Vinyl Acetate
 Concen: 221.901 ug/l
 RT: 5.84 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: VN063741.D
 Acq: 30 Sep 2020 11:12

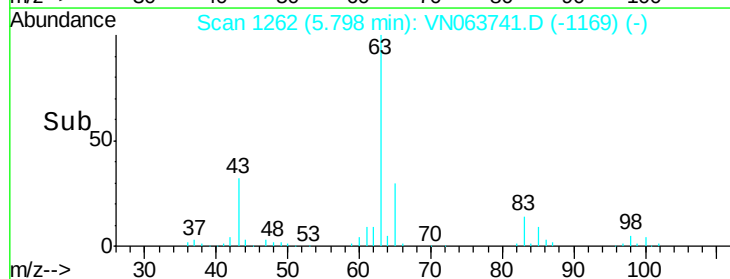
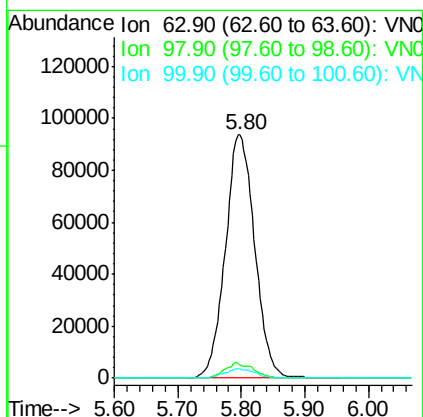
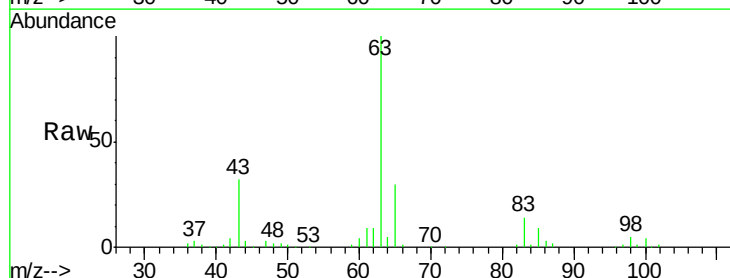
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

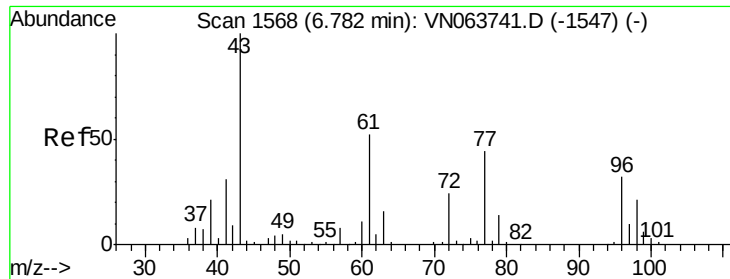
Tgt Ion: 43 Resp: 2285564
 Ion Ratio Lower Upper
 43 100
 86 9.1 7.3 10.9



#24
 1,1-Dichloroethane
 Concen: 43.750 ug/l
 RT: 5.80 min Scan# 1262
 Delta R.T. 0.00 min
 Lab File: VN063741.D
 Acq: 30 Sep 2020 11:12

Tgt Ion: 63 Resp: 300457
 Ion Ratio Lower Upper
 63 100
 98 5.4 2.7 8.1
 100 3.8 1.9 5.7

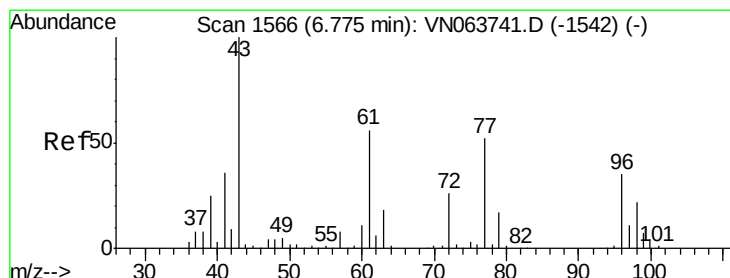
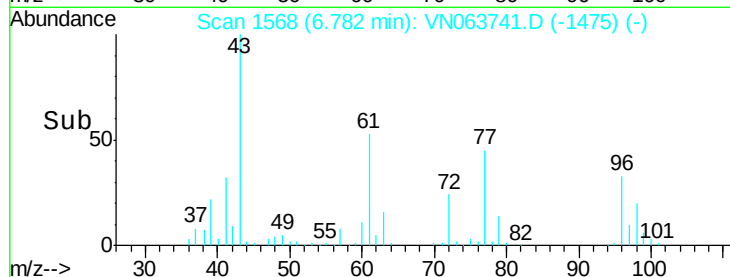
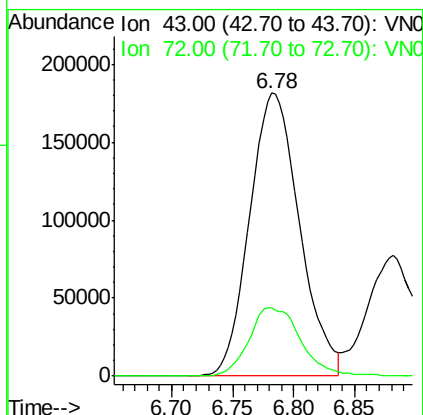
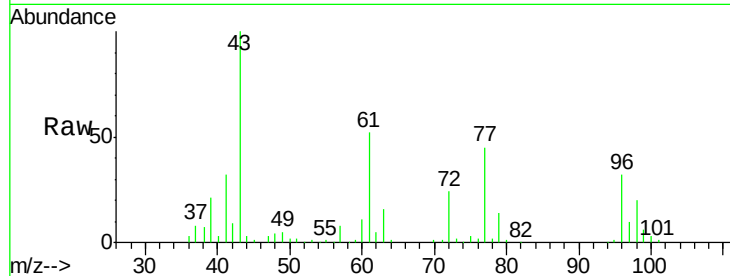




#25
2-Butanone
Concen: 220.473 ug/l
RT: 6.78 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

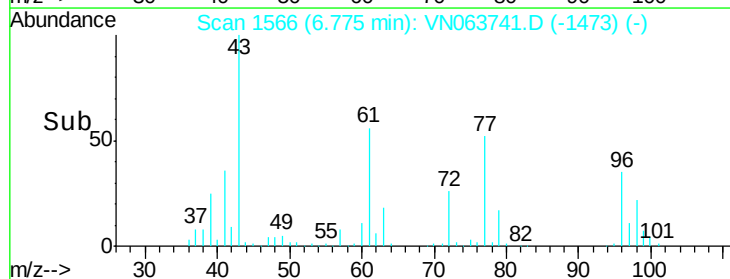
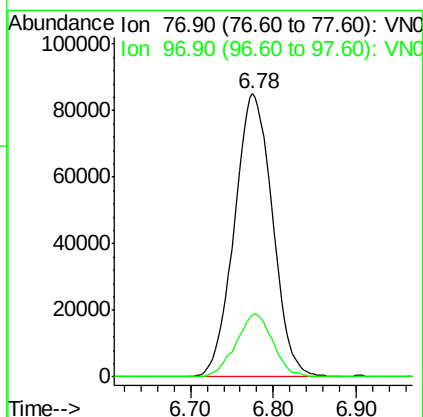
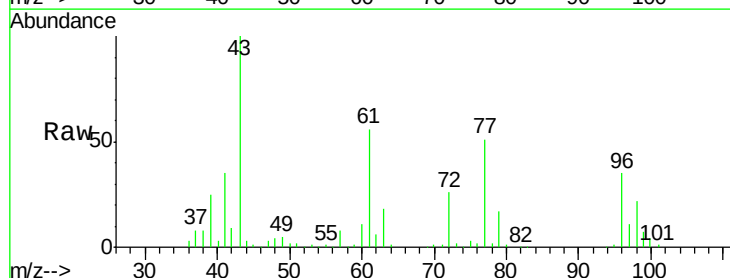
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

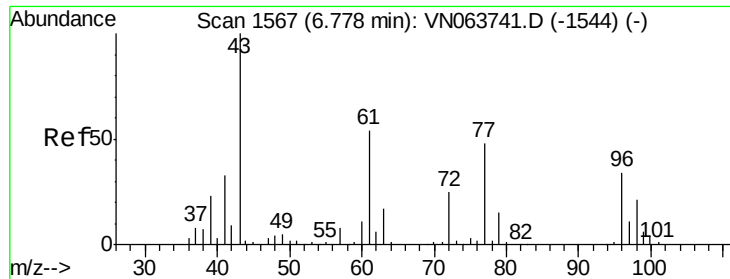
Tgt Ion: 43 Resp: 513423
Ion Ratio Lower Upper
43 100
72 24.1 19.3 28.9



#26
2,2-Dichloropropane
Concen: 44.576 ug/l
RT: 6.78 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

Tgt Ion: 77 Resp: 271836
Ion Ratio Lower Upper
77 100
97 21.5 10.8 32.3

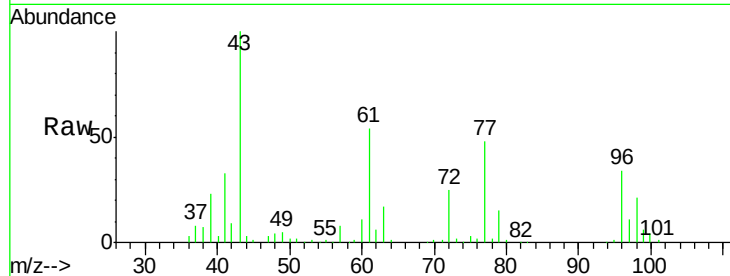




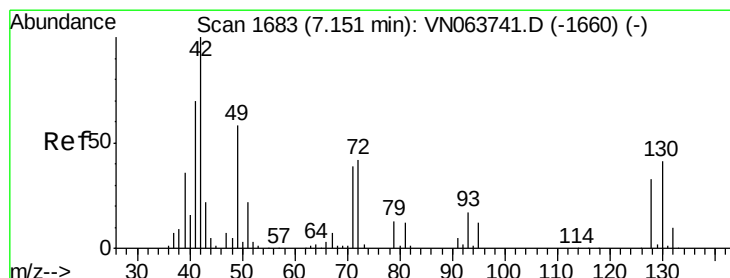
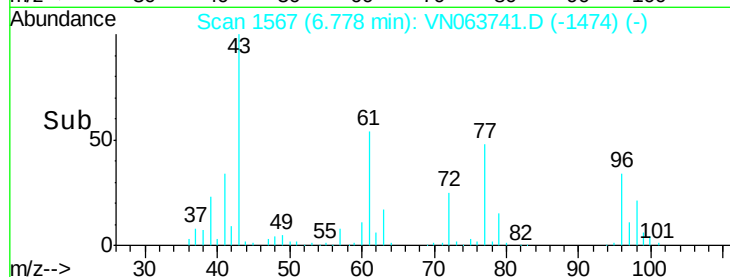
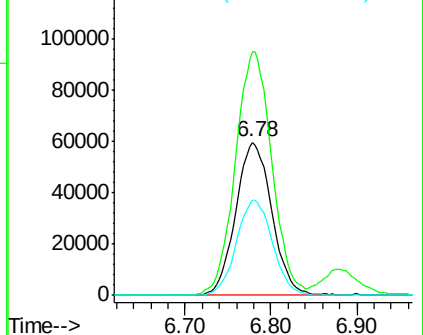
#27
 cis-1,2-Dichloroethene
 Concen: 44.679 ug/l
 RT: 6.78 min Scan# 1567
 Delta R.T. 0.00 min
 Lab File: VN063741.D
 Acq: 30 Sep 2020 11:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion: 96 Resp: 174688
 Ion Ratio Lower Upper
 96 100
 61 160.6 0.0 321.2
 98 62.2 0.0 124.4

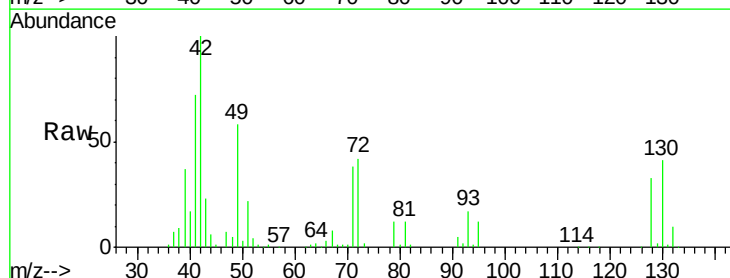


Abundance Ion 95.90 (95.60 to 96.60): VN0
 Ion 60.90 (60.60 to 61.60): VN0
 Ion 97.90 (97.60 to 98.60): VN0

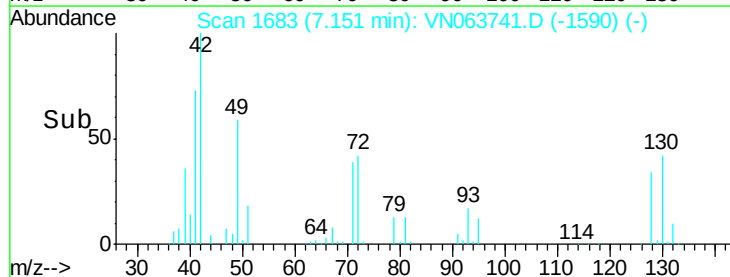
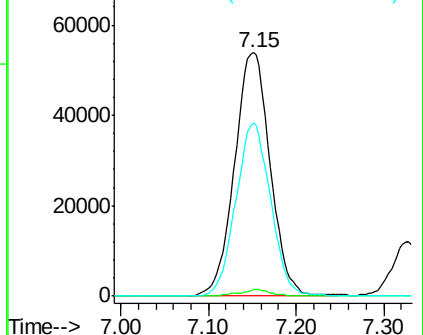


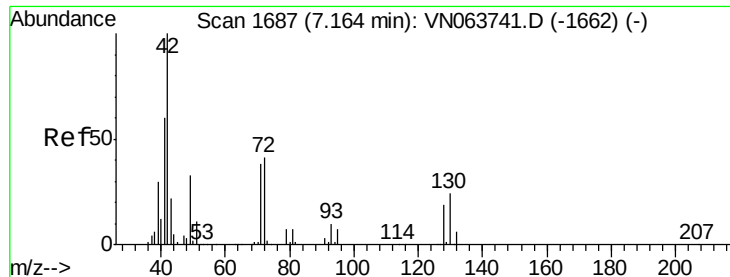
#28
 Bromochloromethane
 Concen: 47.115 ug/l
 RT: 7.15 min Scan# 1683
 Delta R.T. 0.00 min
 Lab File: VN063741.D
 Acq: 30 Sep 2020 11:12

Tgt Ion: 49 Resp: 152625
 Ion Ratio Lower Upper
 49 100
 129 2.4 0.0 4.8
 130 69.5 55.6 83.4



Abundance Ion 48.90 (48.60 to 49.60): VN0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V

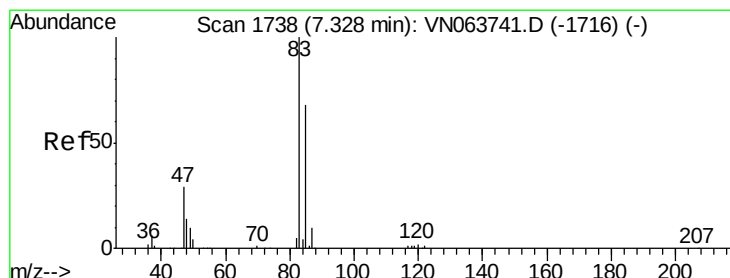
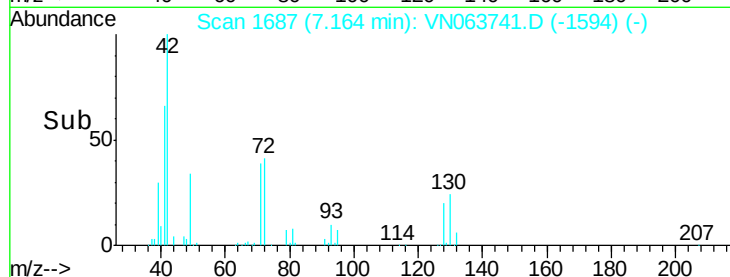
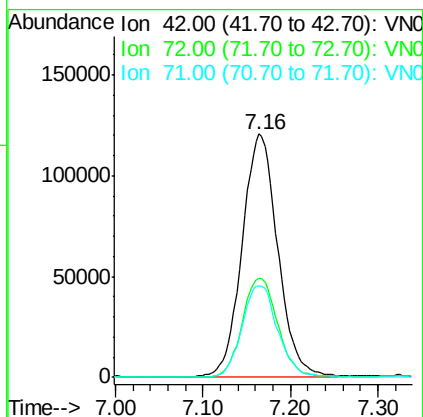
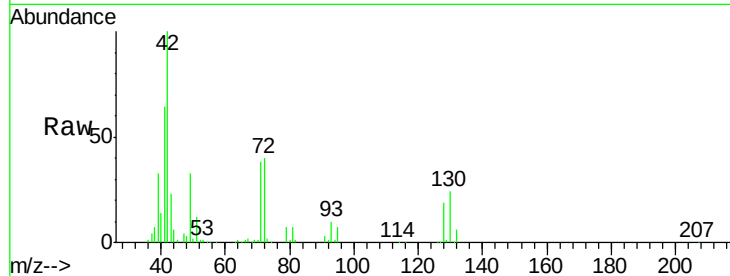




#29
Tetrahydrofuran
Concen: 213.210 ug/l
RT: 7.16 min Scan# 1687
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

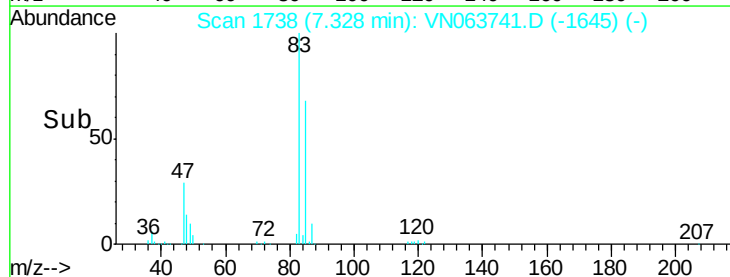
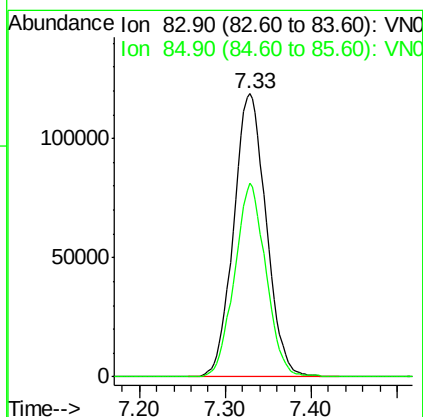
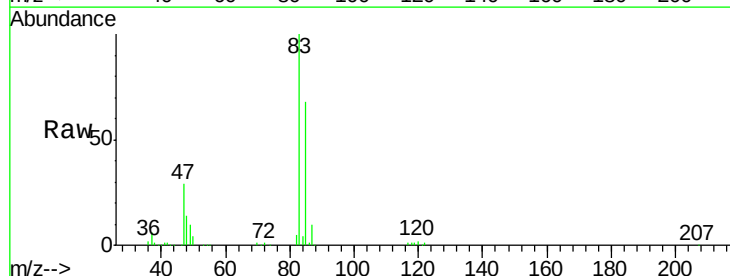
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

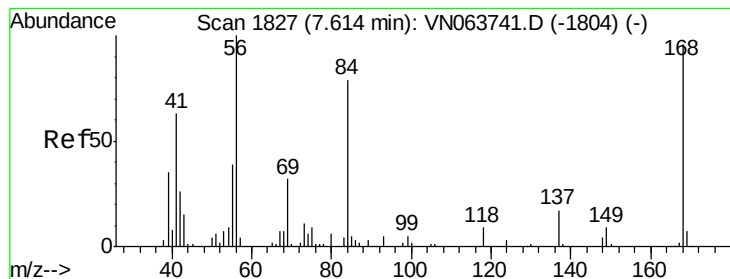
Tgt Ion: 42 Resp: 338890
Ion Ratio Lower Upper
42 100
72 41.0 32.8 49.2
71 38.2 30.6 45.8



#30
Chloroform
Concen: 45.009 ug/l
RT: 7.33 min Scan# 1738
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

Tgt Ion: 83 Resp: 312257
Ion Ratio Lower Upper
83 100
85 68.3 54.6 82.0





#31

Cyclohexane

Concen: 38.902 ug/l

RT: 7.61 min Scan# 1827

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

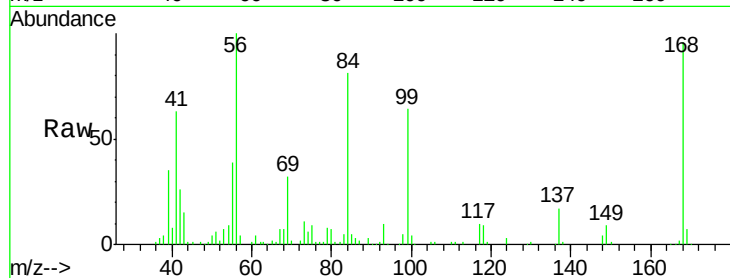
Tgt Ion: 56 Resp: 248875

Ion Ratio Lower Upper

56 100

69 31.8 25.4 38.2

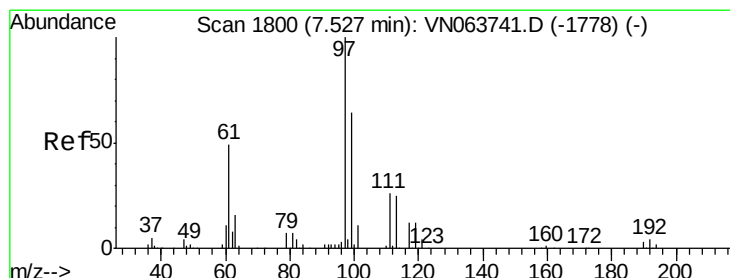
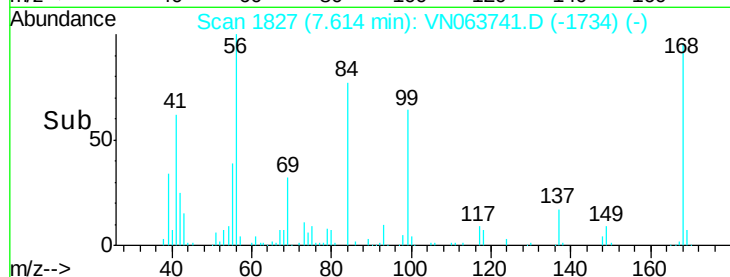
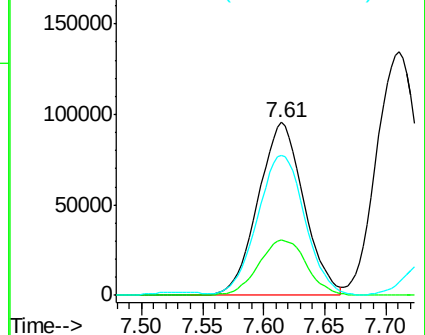
84 79.1 63.3 94.9



Abundance Ion 56.00 (55.70 to 56.70): VN063741.D (-1804) (-)

Ion 69.00 (68.70 to 69.70): VN063741.D (-1804) (-)

Ion 84.00 (83.70 to 84.70): VN063741.D (-1804) (-)



#32

1,1,1-Trichloroethane

Concen: 46.525 ug/l

RT: 7.53 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

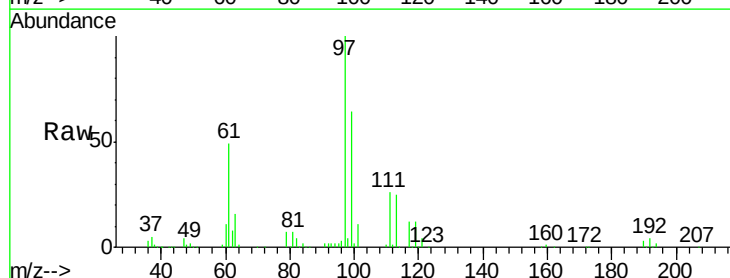
Tgt Ion: 97 Resp: 288993

Ion Ratio Lower Upper

97 100

99 63.8 51.0 76.6

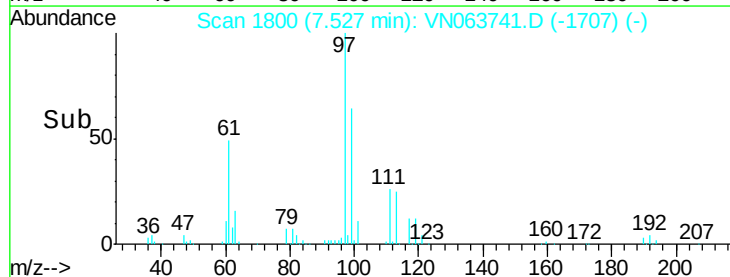
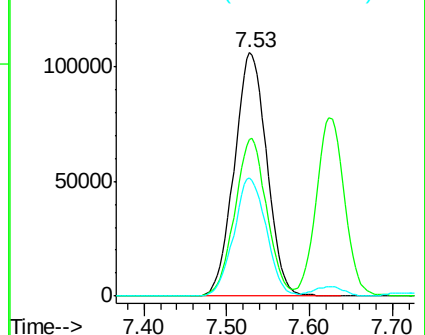
61 48.4 38.7 58.1

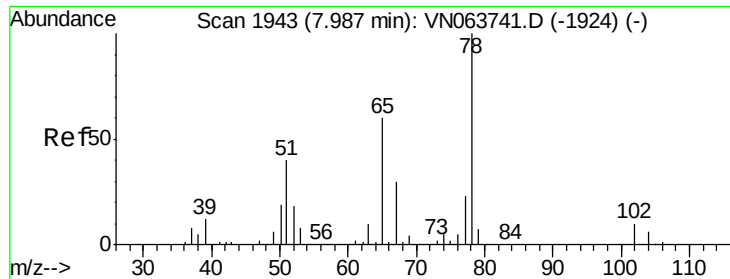


Abundance Ion 96.90 (96.60 to 97.60): VN063741.D (-1778) (-)

Ion 98.90 (98.60 to 99.60): VN063741.D (-1778) (-)

Ion 60.90 (60.60 to 61.60): VN063741.D (-1778) (-)

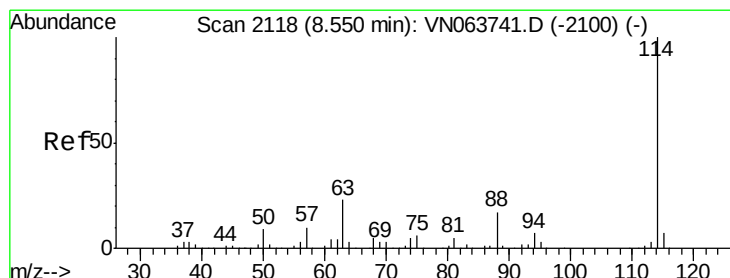
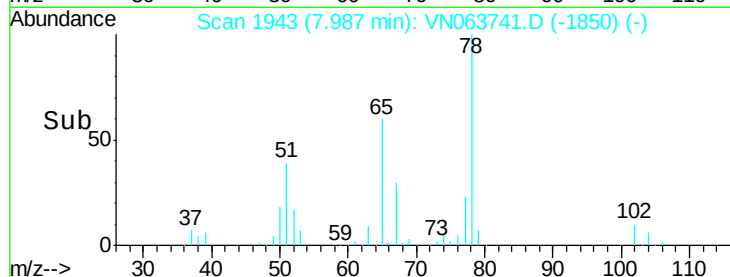
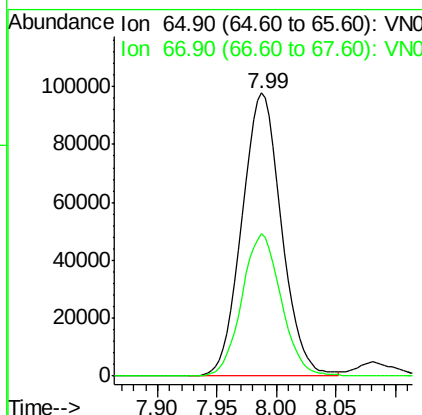
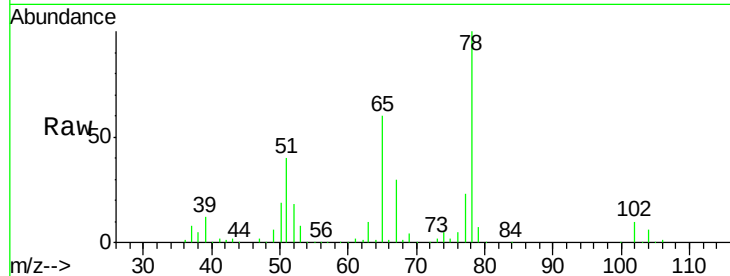




#33
 1,2-Dichloroethane-d4
 Concen: 46.973 ug/l
 RT: 7.99 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VN063741.D
 Acq: 30 Sep 2020 11:12

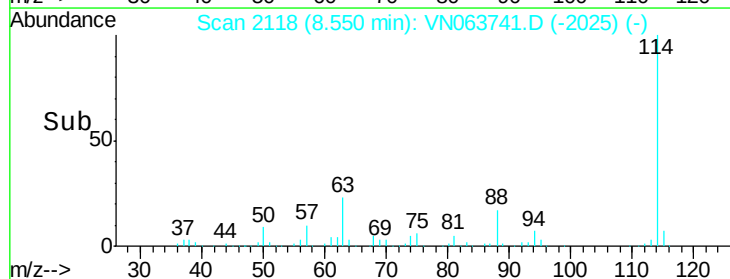
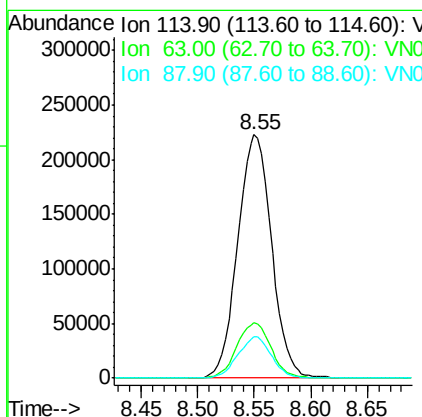
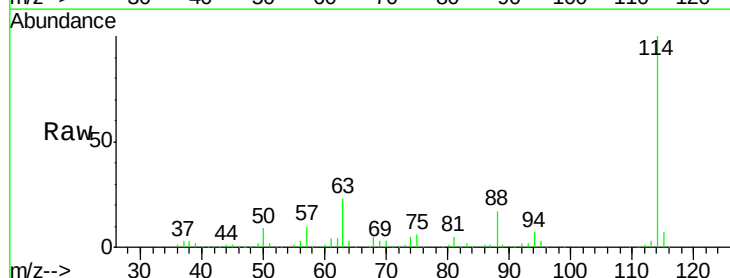
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

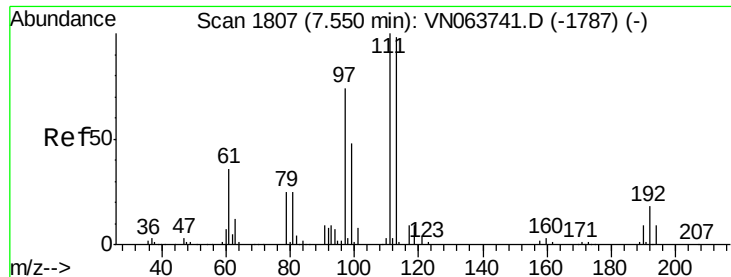
Tgt Ion: 65 Resp: 225459
 Ion Ratio Lower Upper
 65 100
 67 49.8 0.0 99.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2118
 Delta R.T. 0.00 min
 Lab File: VN063741.D
 Acq: 30 Sep 2020 11:12

Tgt Ion: 114 Resp: 465101
 Ion Ratio Lower Upper
 114 100
 63 22.5 0.0 45.0
 88 17.0 0.0 34.0

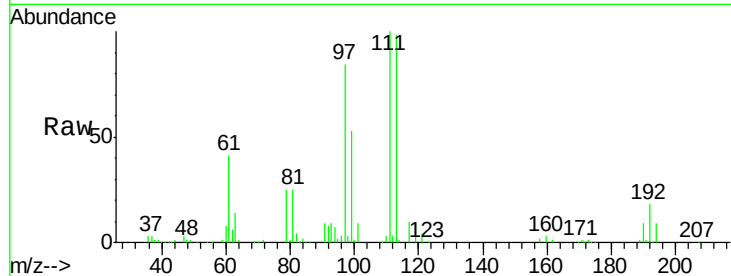




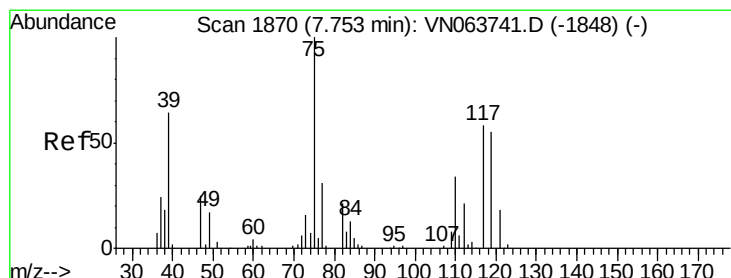
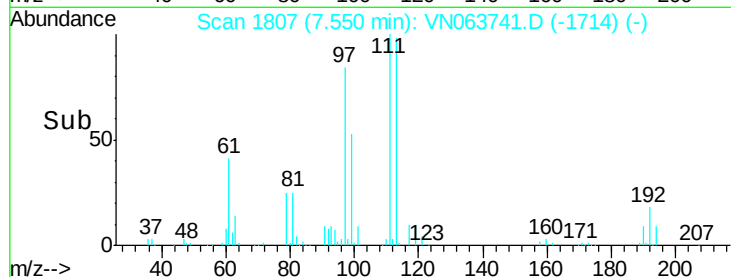
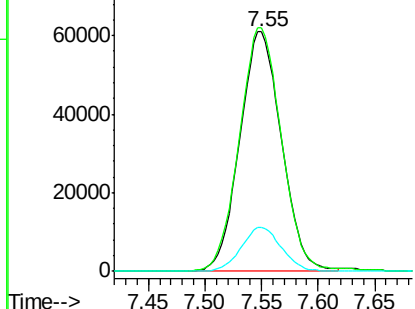
#35
 Dibromofluoromethane
 Concen: 48.322 ug/l
 RT: 7.55 min Scan# 1807
 Delta R.T. 0.00 min
 Lab File: VN063741.D
 Acq: 30 Sep 2020 11:12

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

Tgt Ion	Ratio	Lower	Upper
113	100		
111	102.3	81.8	122.8
192	17.7	14.2	21.2

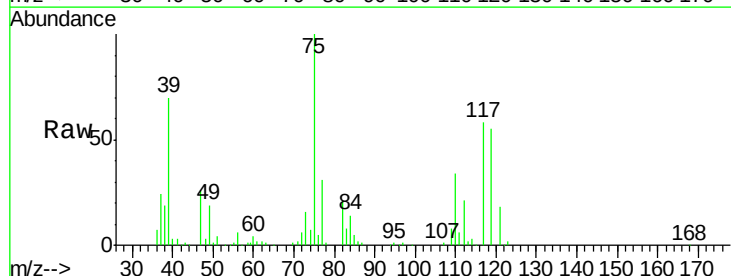


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

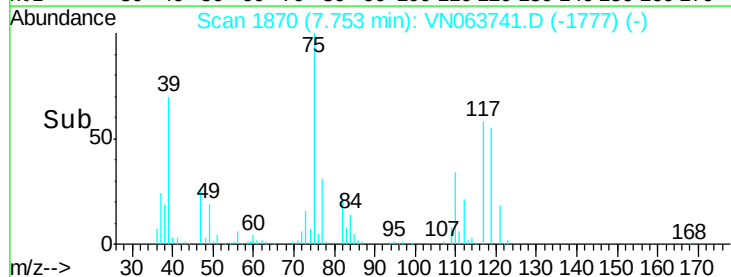
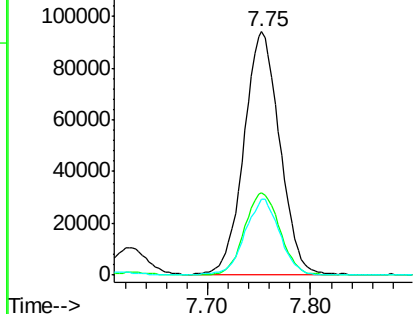


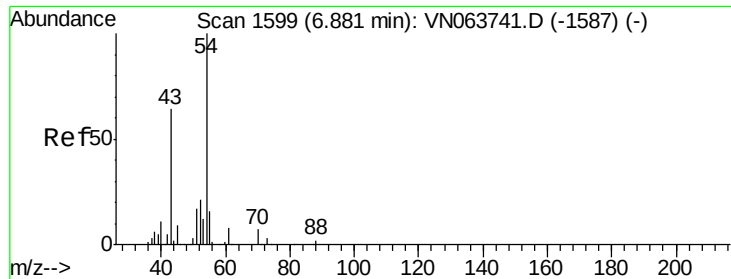
#36
 1,1-Dichloropropene
 Concen: 46.168 ug/l
 RT: 7.75 min Scan# 1870
 Delta R.T. 0.00 min
 Lab File: VN063741.D
 Acq: 30 Sep 2020 11:12

Tgt Ion	Ratio	Lower	Upper
75	100		
110	33.7	16.9	50.6
77	30.6	24.5	36.7



Abundance Ion 74.90 (74.60 to 75.60): V
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): V

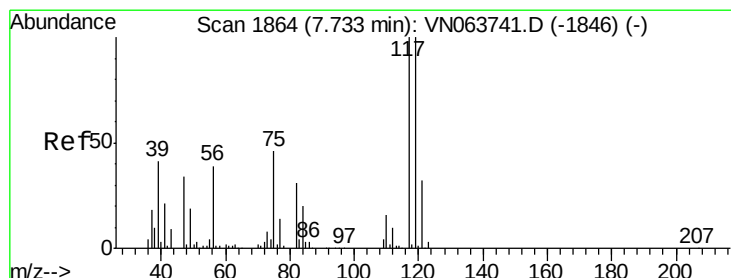
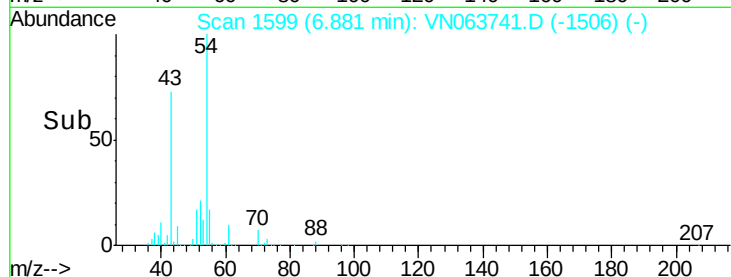
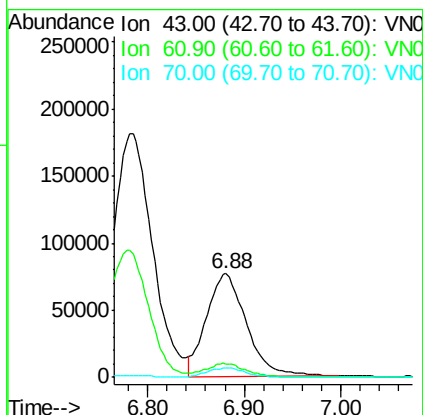
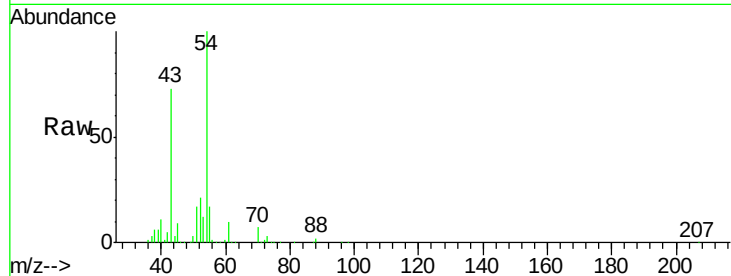




#37
Ethyl Acetate
Concen: 45.952 ug/l
RT: 6.88 min Scan# 1599
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

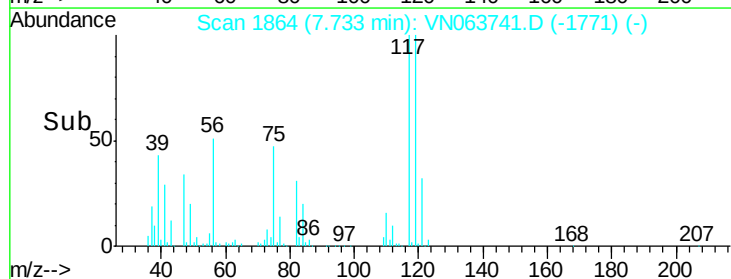
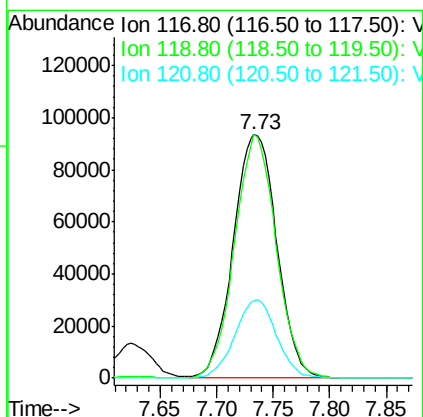
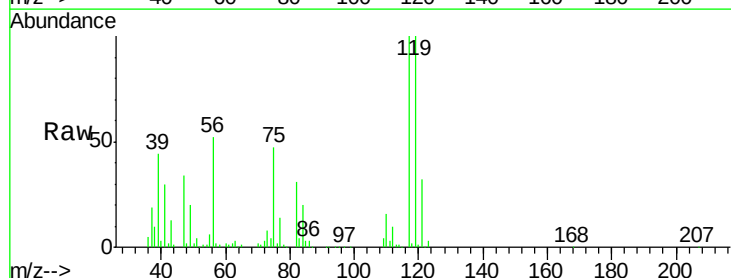
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

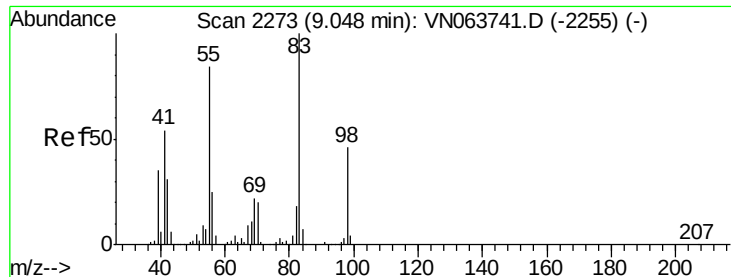
Tgt Ion: 43 Resp: 219233
Ion Ratio Lower Upper
43 100
61 13.0 10.4 15.6
70 9.1 7.3 10.9



#38
Carbon Tetrachloride
Concen: 49.295 ug/l
RT: 7.73 min Scan# 1864
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

Tgt Ion: 117 Resp: 248071
Ion Ratio Lower Upper
117 100
119 100.1 80.1 120.1
121 32.1 25.7 38.5

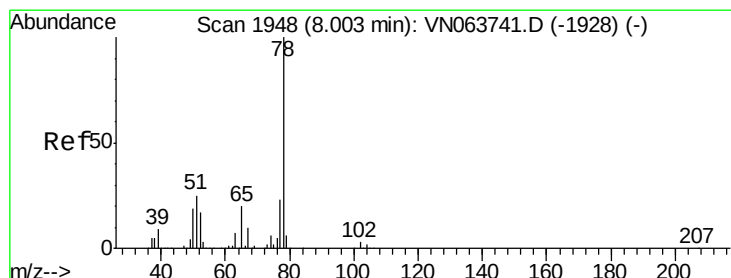
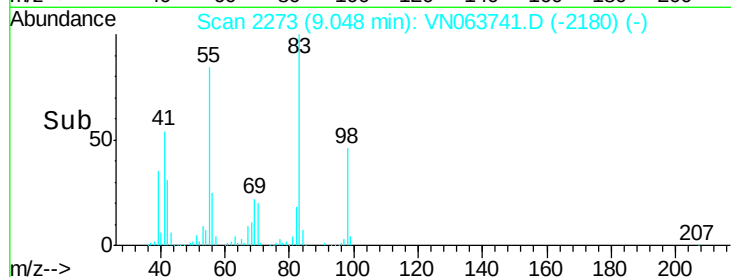
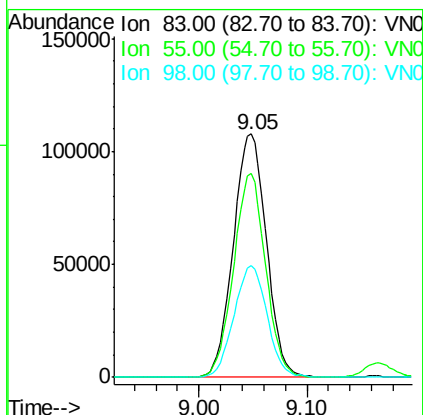
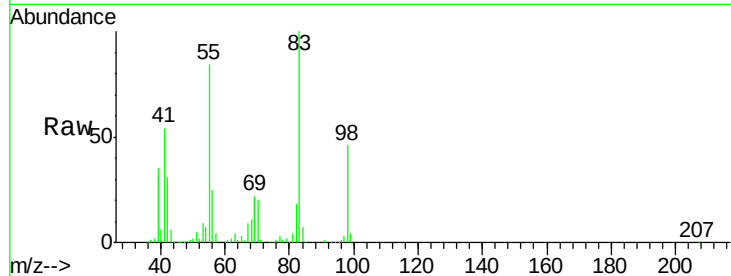




#39
Methylcyclohexane
Concen: 43.962 ug/l
RT: 9.05 min Scan# 2273
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

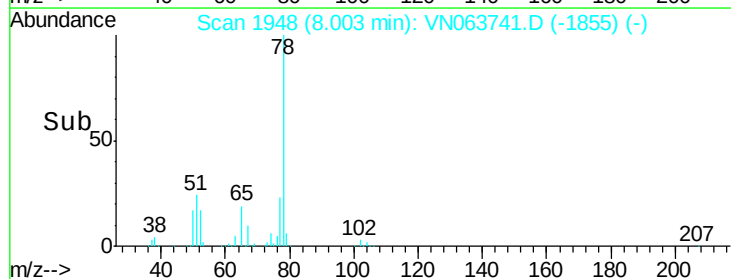
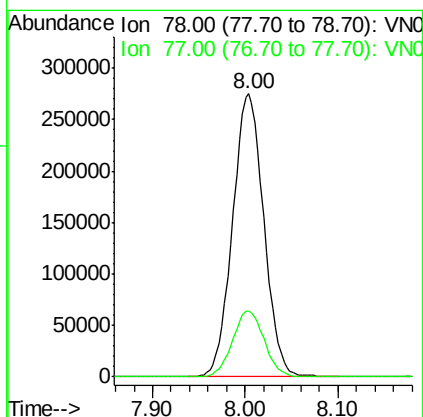
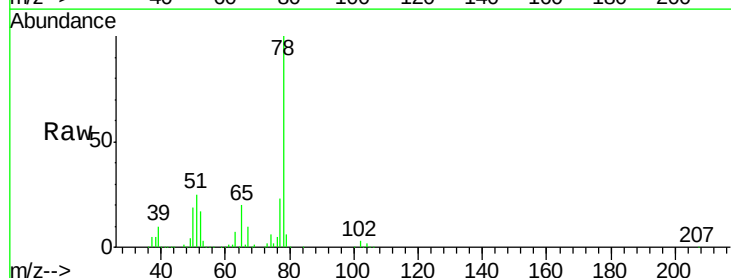
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

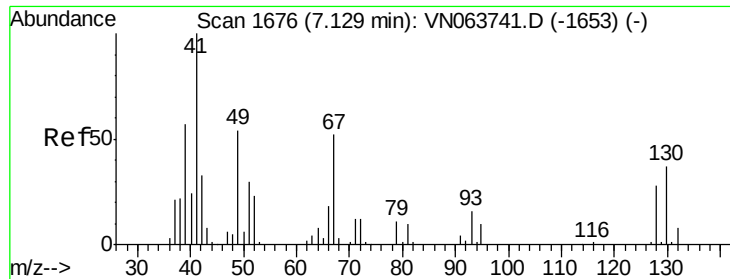
Tgt Ion: 83 Resp: 230878
Ion Ratio Lower Upper
83 100
55 83.9 67.1 100.7
98 45.7 36.6 54.8



#40
Benzene
Concen: 46.095 ug/l
RT: 8.00 min Scan# 1948
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

Tgt Ion: 78 Resp: 642234
Ion Ratio Lower Upper
78 100
77 23.4 18.7 28.1

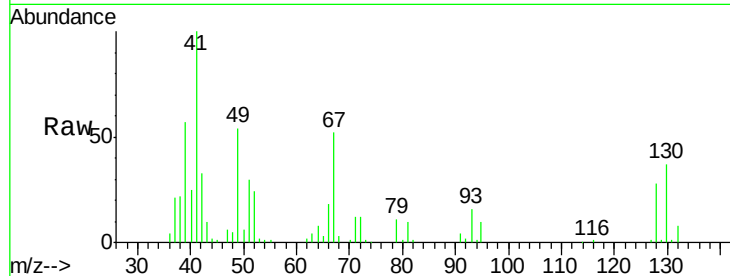




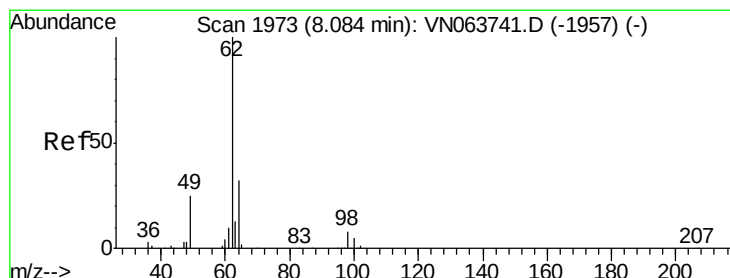
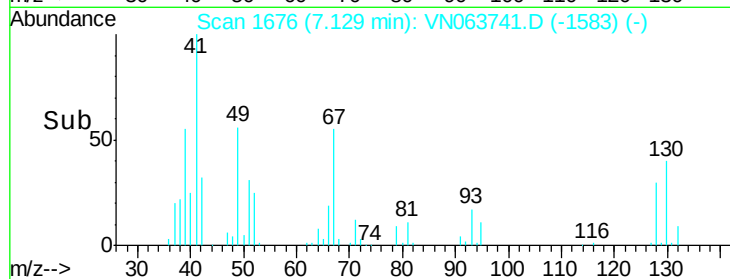
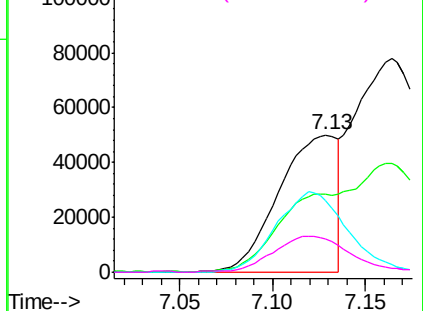
#41
Methacrylonitrile
Concen: 50.698 ug/l
RT: 7.13 min Scan# 1676
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:	41	Resp:	110774
Ion	Ratio	Lower	Upper
41	100		
39	53.1	42.5	63.7
67	71.8	57.4	86.2
52	33.6	26.9	40.3

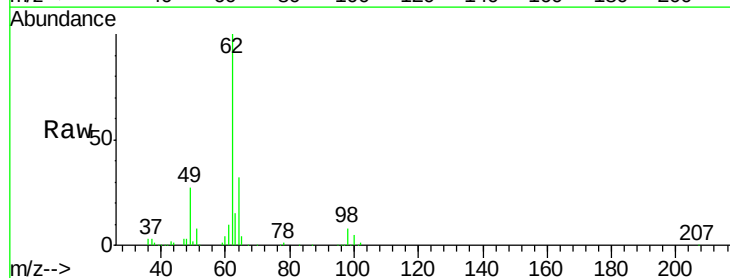


Abundance Ion 41.00 (40.70 to 41.70): VN0
Ion 39.00 (38.70 to 39.70): VN0
Ion 67.00 (66.70 to 67.70): VN0
Ion 52.00 (51.70 to 52.70): VN0

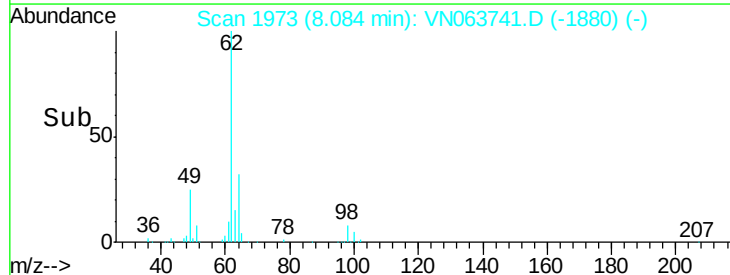
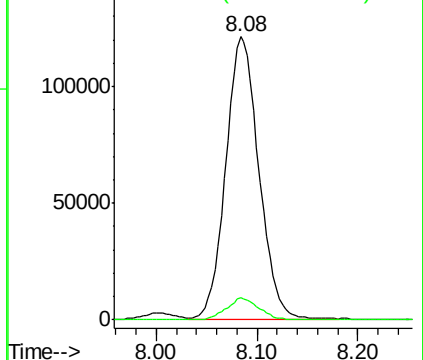


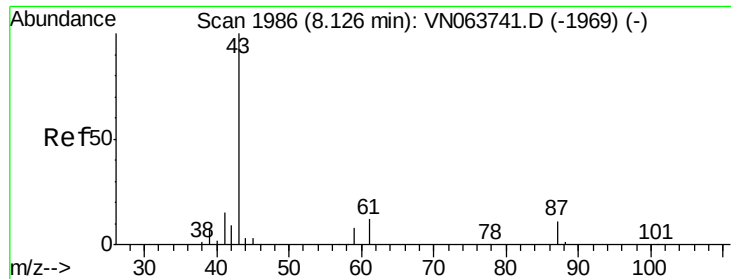
#42
1,2-Dichloroethane
Concen: 48.814 ug/l
RT: 8.08 min Scan# 1973
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

Tgt Ion:	62	Resp:	276101
Ion	Ratio	Lower	Upper
62	100		
98	7.5	0.0	15.0



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

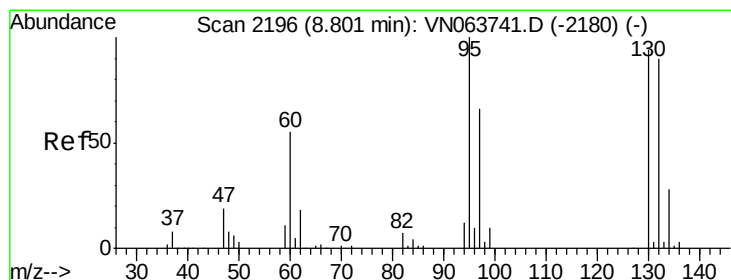
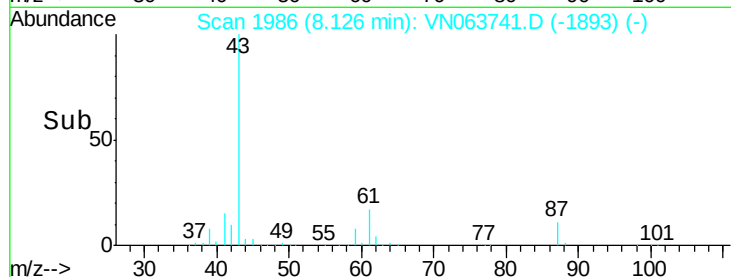
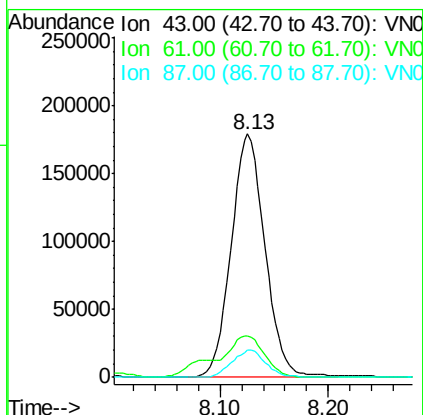
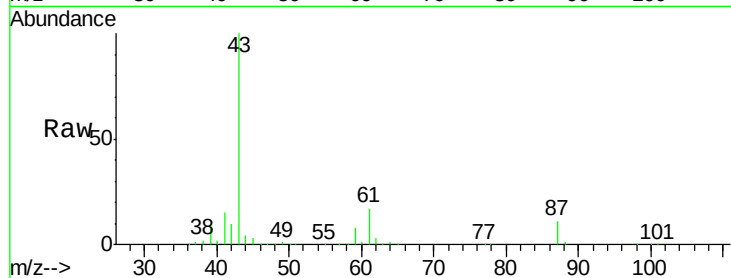




#43
Isopropyl Acetate
Concen: 45.585 ug/l
RT: 8.13 min Scan# 1986
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

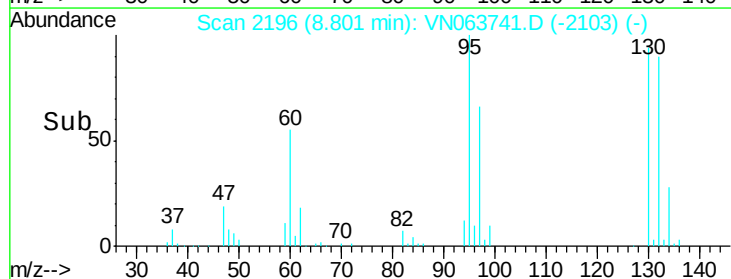
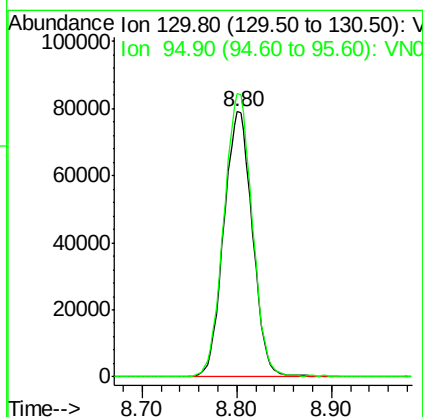
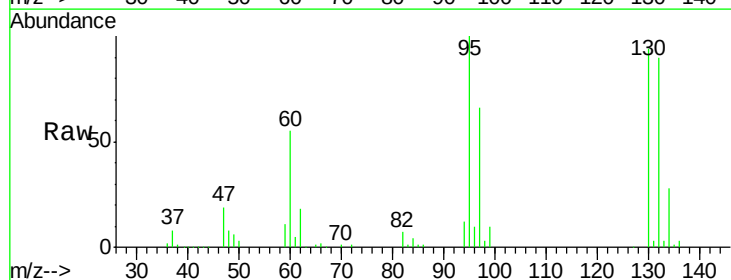
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

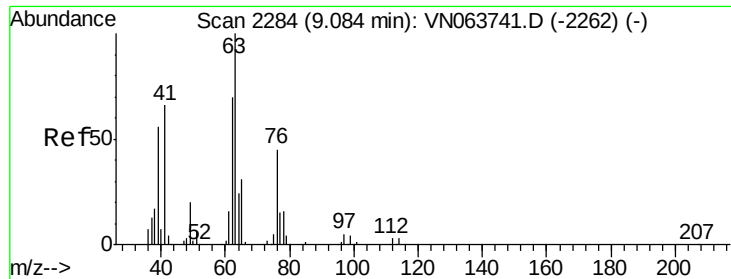
Tgt Ion: 43 Resp: 389789
Ion Ratio Lower Upper
43 100
61 17.8 14.2 21.4
87 11.3 9.0 13.6



#44
Trichloroethene
Concen: 48.552 ug/l
RT: 8.80 min Scan# 2196
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

Tgt Ion: 130 Resp: 166043
Ion Ratio Lower Upper
130 100
95 106.8 0.0 213.6

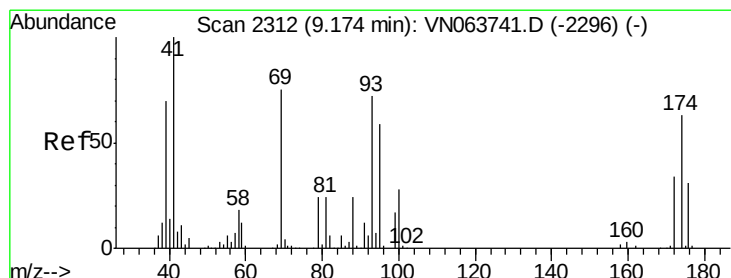
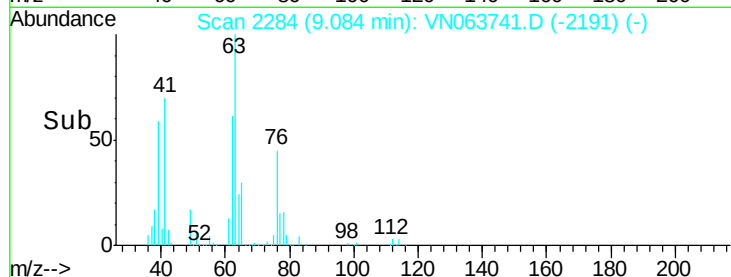
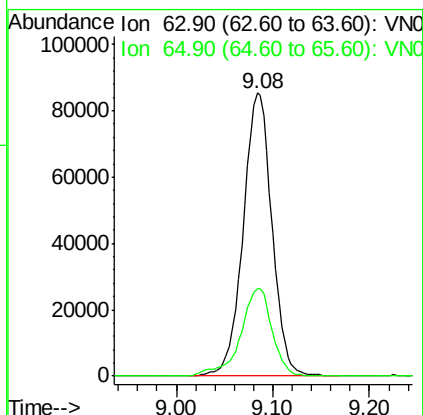
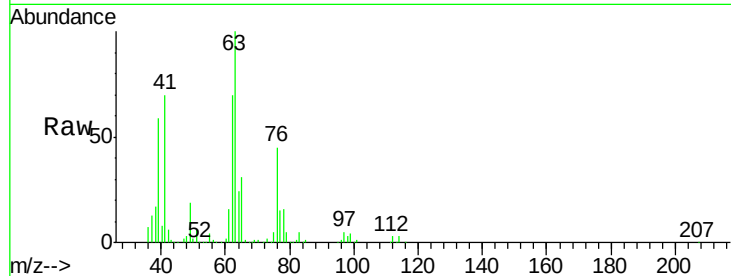




#45
 1,2-Dichloropropane
 Concen: 46.507 ug/l
 RT: 9.08 min Scan# 2284
 Delta R.T. 0.00 min
 Lab File: VN063741.D
 Acq: 30 Sep 2020 11:12

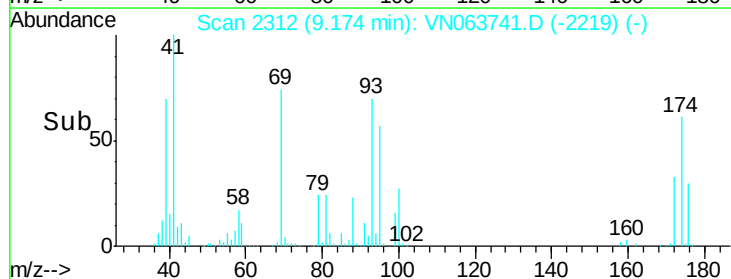
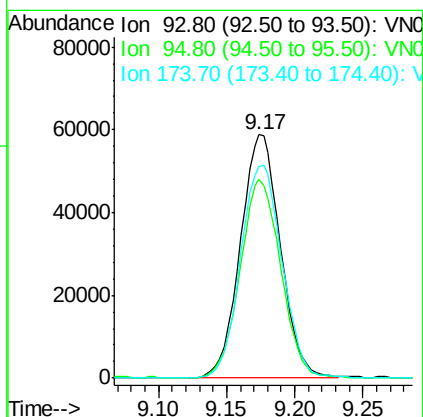
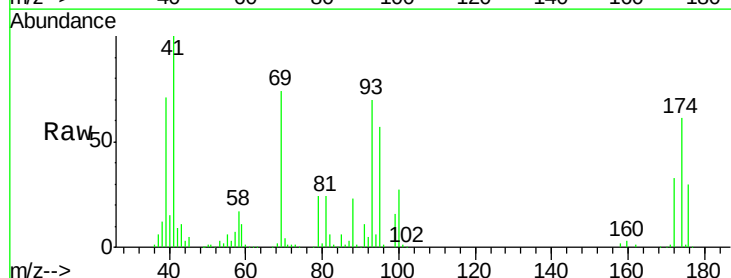
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

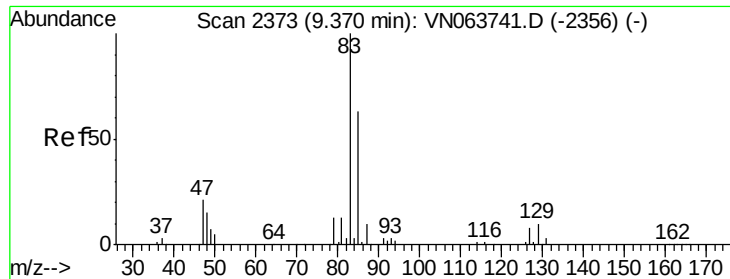
Tgt Ion: 63 Resp: 176220
 Ion Ratio Lower Upper
 63 100
 65 30.9 24.7 37.1



#46
 Dibromomethane
 Concen: 47.779 ug/l
 RT: 9.17 min Scan# 2312
 Delta R.T. 0.00 min
 Lab File: VN063741.D
 Acq: 30 Sep 2020 11:12

Tgt Ion: 93 Resp: 119645
 Ion Ratio Lower Upper
 93 100
 95 82.9 66.3 99.5
 174 90.9 72.7 109.1

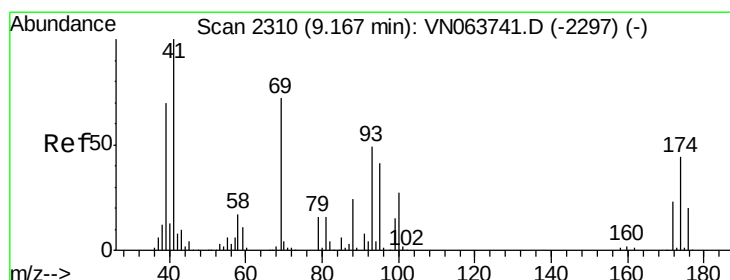
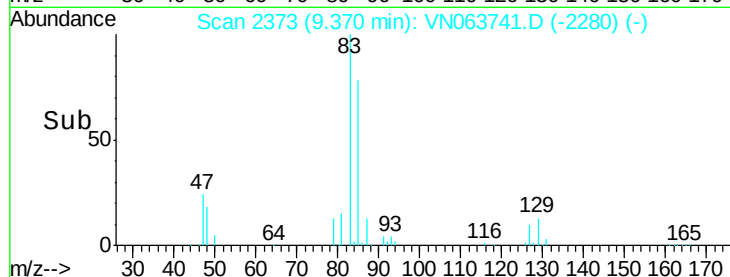
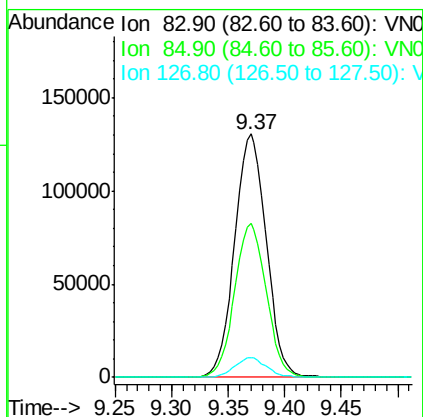
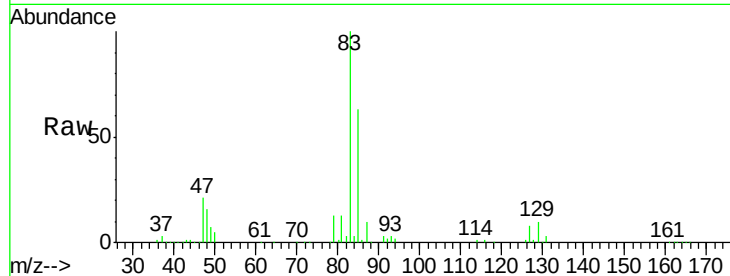




#47
Bromodichloromethane
Concen: 48.837 ug/l
RT: 9.37 min Scan# 2373
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

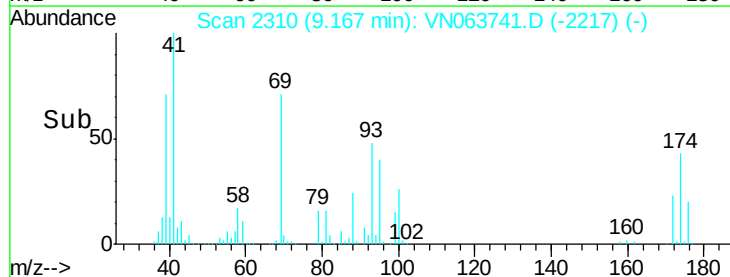
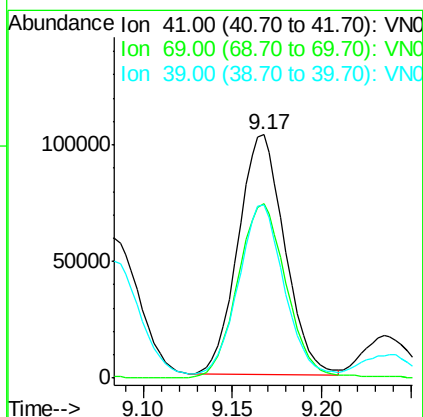
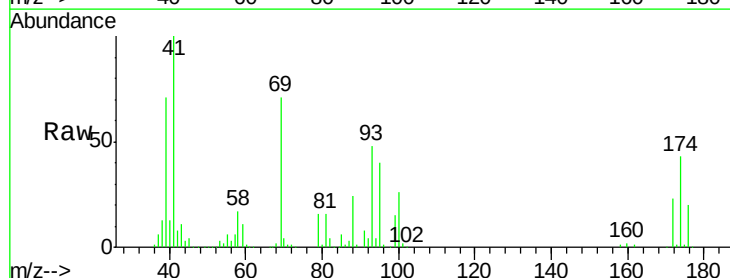
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

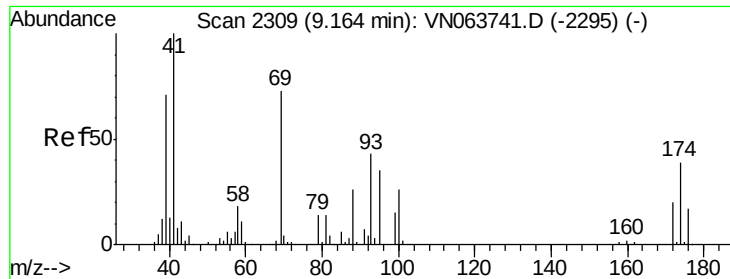
Tgt Ion: 83 Resp: 255324
Ion Ratio Lower Upper
83 100
85 63.2 50.6 75.8
127 8.2 6.6 9.8



#48
Methyl methacrylate
Concen: 45.048 ug/l
RT: 9.17 min Scan# 2310
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

Tgt Ion: 41 Resp: 188534
Ion Ratio Lower Upper
41 100
69 76.1 60.9 91.3
39 71.9 57.5 86.3





#49

1,4-Dioxane

Concen: 860.135 ug/l

RT: 9.16 min Scan# 2309

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

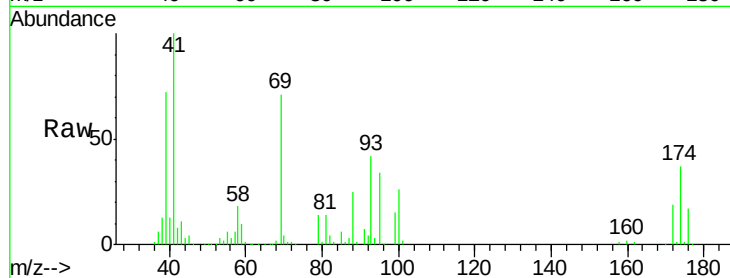
Tgt Ion: 88 Resp: 51431

Ion Ratio Lower Upper

88 100

43 41.4 33.1 49.7

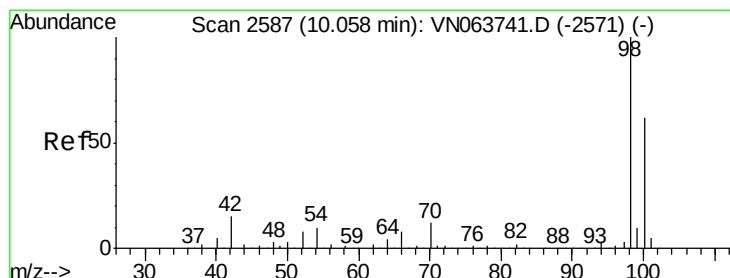
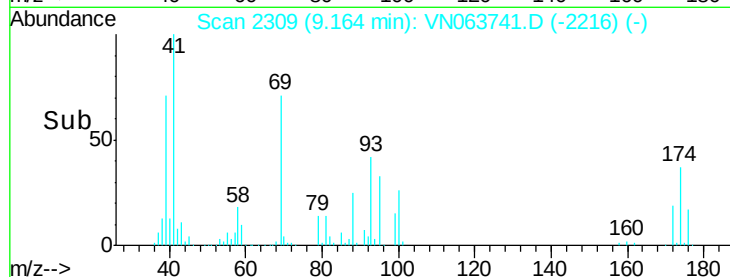
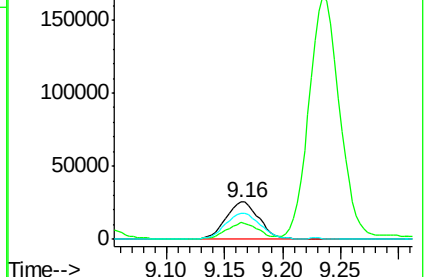
58 73.6 58.9 88.3



Abundance Ion 88.00 (87.70 to 88.70): VN063741.D (-2295) (-)

Ion 43.00 (42.70 to 43.70): VN063741.D (-2295) (-)

Ion 58.00 (57.70 to 58.70): VN063741.D (-2295) (-)



#50

Toluene-d8

Concen: 48.115 ug/l

RT: 10.06 min Scan# 2587

Delta R.T. 0.00 min

Lab File: VN063741.D

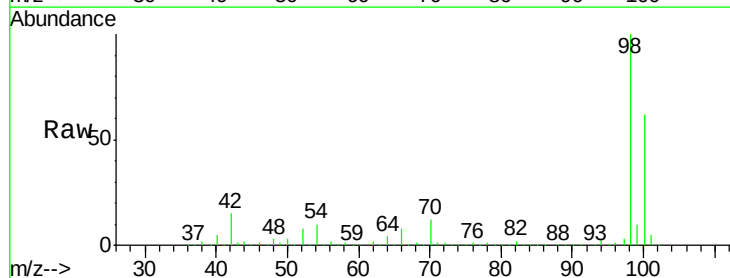
Acq: 30 Sep 2020 11:12

Tgt Ion: 98 Resp: 581165

Ion Ratio Lower Upper

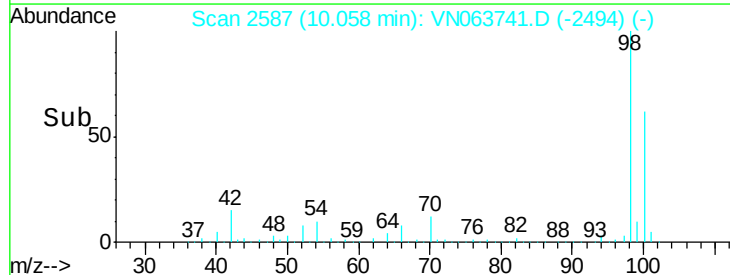
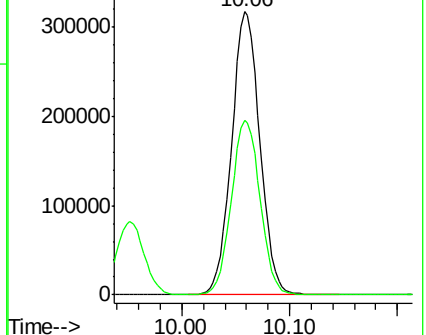
98 100

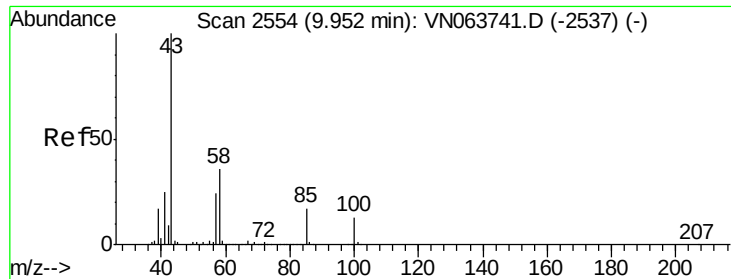
100 62.2 49.8 74.6



Abundance Ion 98.00 (97.70 to 98.70): VN063741.D (-2571) (-)

Ion 100.00 (99.70 to 100.70): VN063741.D (-2571) (-)

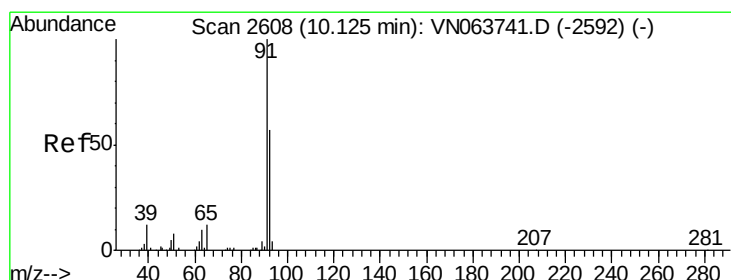
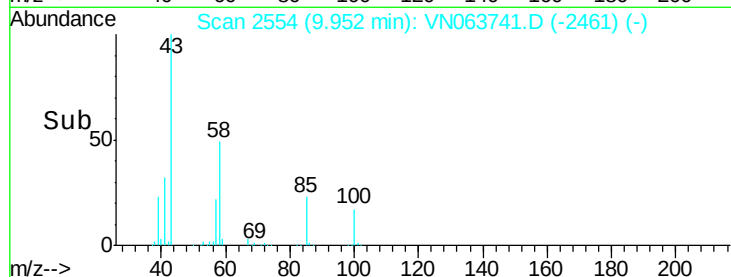
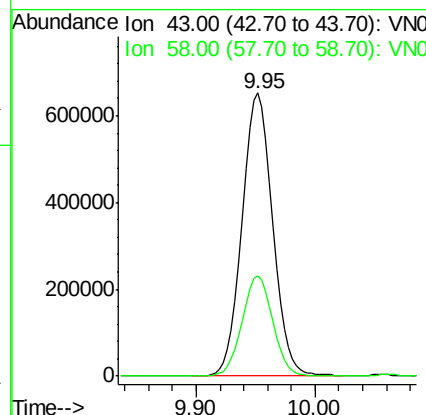
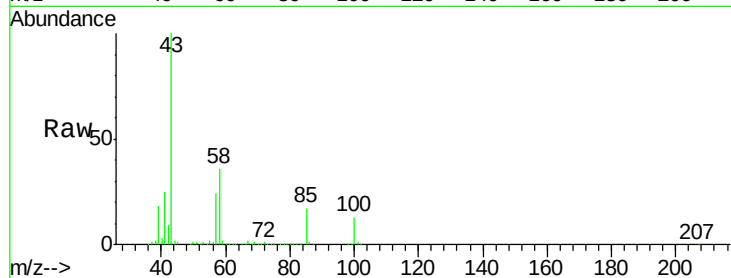




#51
 4-Methyl-2-Pentanone
 Concen: 241.031 ug/l
 RT: 9.95 min Scan# 2554
 Delta R.T. 0.00 min
 Lab File: VN063741.D
 Acq: 30 Sep 2020 11:12

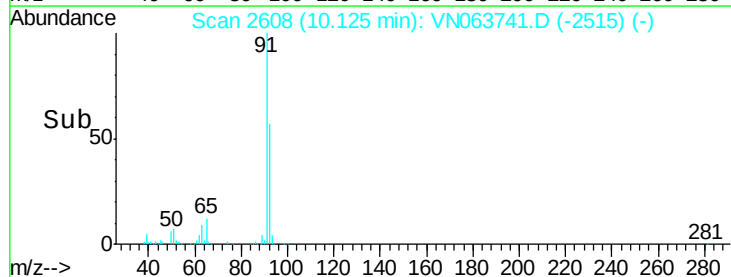
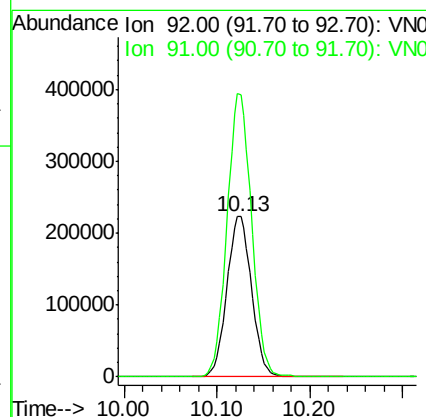
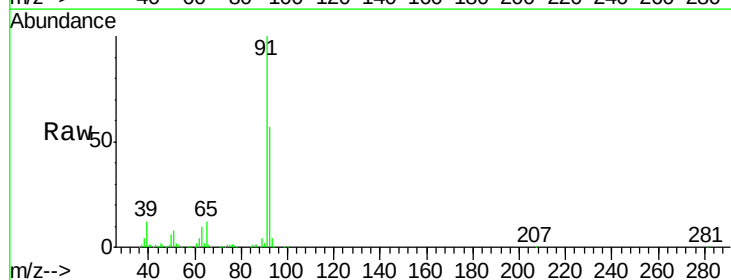
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

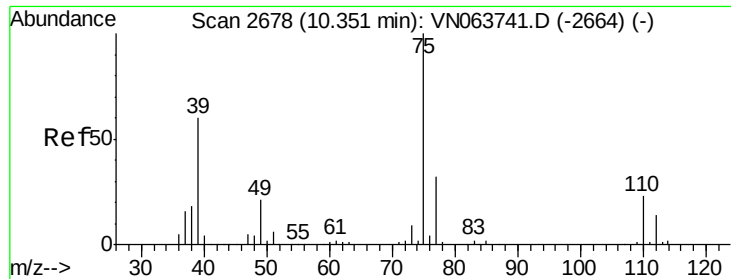
Tgt Ion: 43 Resp: 1163100
 Ion Ratio Lower Upper
 43 100
 58 35.5 28.4 42.6



#52
 Toluene
 Concen: 48.844 ug/l
 RT: 10.13 min Scan# 2608
 Delta R.T. 0.00 min
 Lab File: VN063741.D
 Acq: 30 Sep 2020 11:12

Tgt Ion: 92 Resp: 410996
 Ion Ratio Lower Upper
 92 100
 91 175.7 140.6 210.8

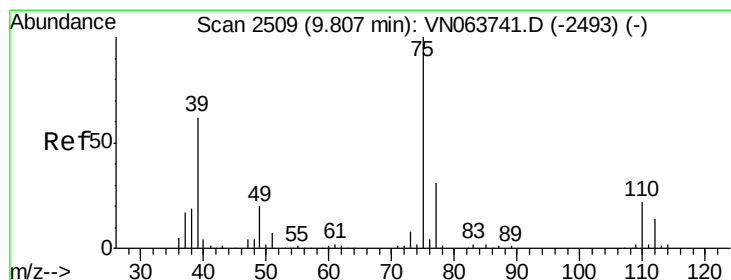
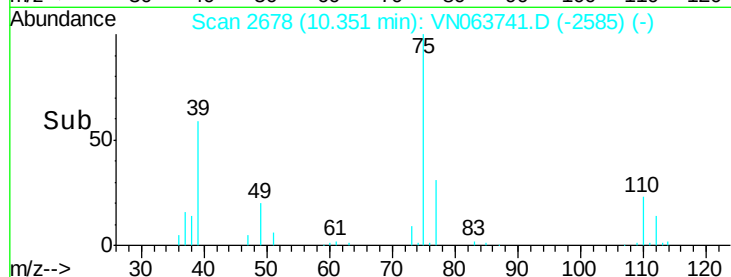
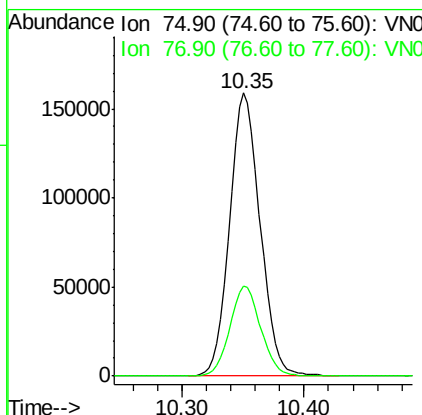
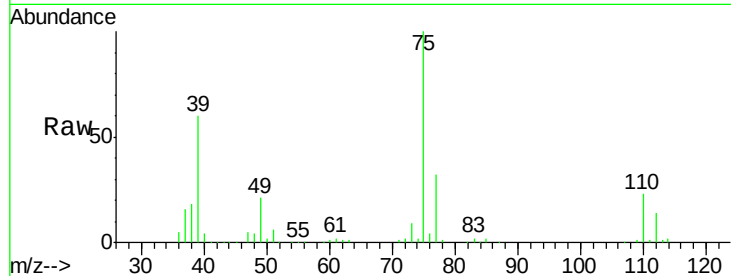




#53
 t-1,3-Dichloropropene
 Concen: 47.758 ug/l
 RT: 10.35 min Scan# 2678
 Delta R.T. 0.00 min
 Lab File: VN063741.D
 Acq: 30 Sep 2020 11:12

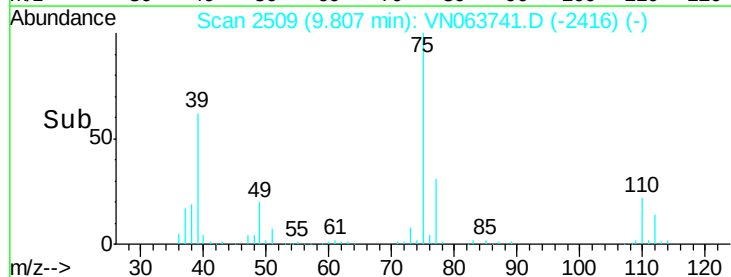
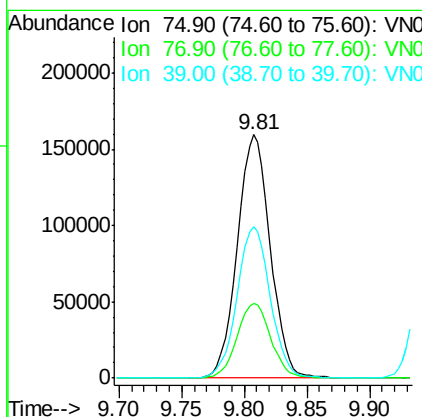
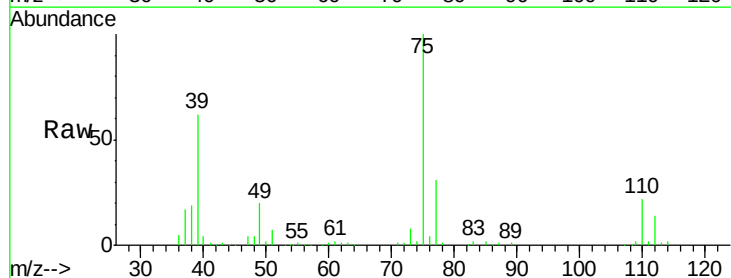
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

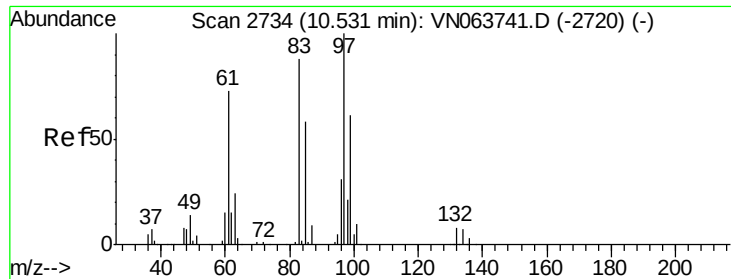
Tgt Ion: 75 Resp: 277166
 Ion Ratio Lower Upper
 75 100
 77 31.6 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 47.766 ug/l
 RT: 9.81 min Scan# 2509
 Delta R.T. 0.00 min
 Lab File: VN063741.D
 Acq: 30 Sep 2020 11:12

Tgt Ion: 75 Resp: 291411
 Ion Ratio Lower Upper
 75 100
 77 30.7 24.6 36.8
 39 62.1 49.7 74.5





#55

1,1,2-Trichloroethane

Concen: 49.259 ug/l

RT: 10.53 min Scan# 2734

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

Tgt Ion: 97 Resp: 165495

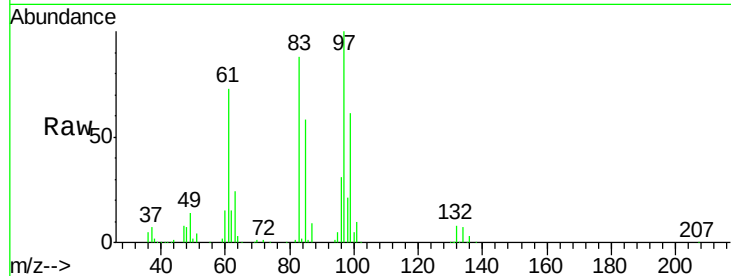
Ion Ratio Lower Upper

97 100

83 88.4 70.7 106.1

85 57.6 46.1 69.1

99 61.0 48.8 73.2

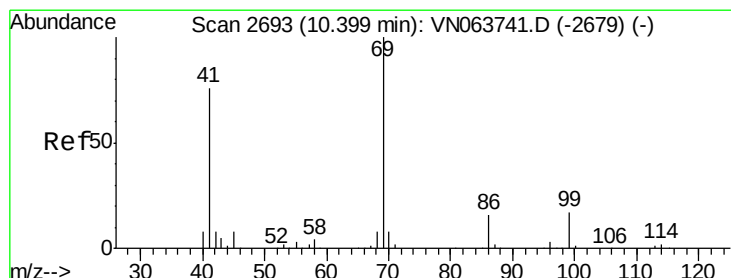
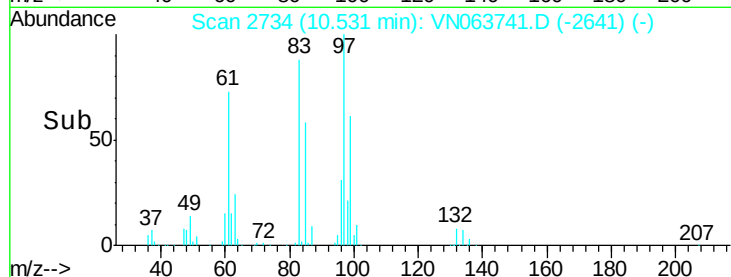
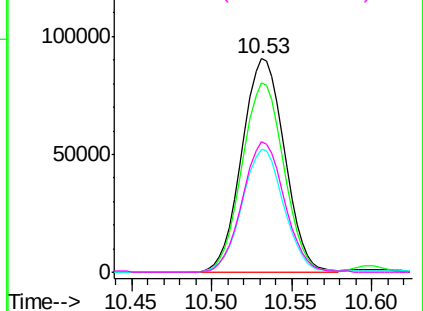


Abundance Ion 96.90 (96.60 to 97.60): VN0

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: 46.917 ug/l

RT: 10.40 min Scan# 2693

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

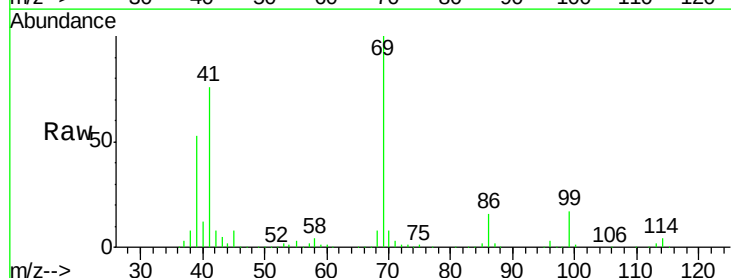
Tgt Ion: 69 Resp: 243474

Ion Ratio Lower Upper

69 100

41 76.4 61.1 91.7

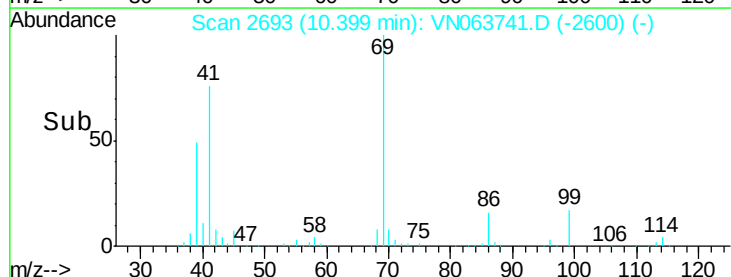
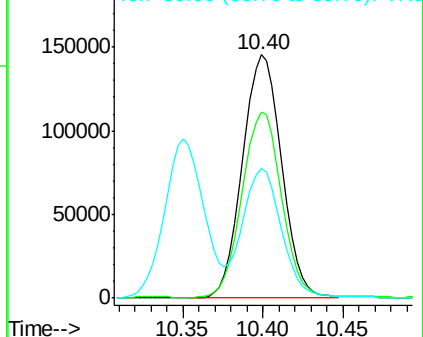
39 52.8 42.2 63.4

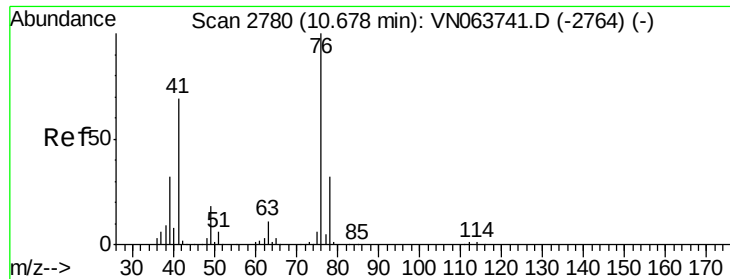


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

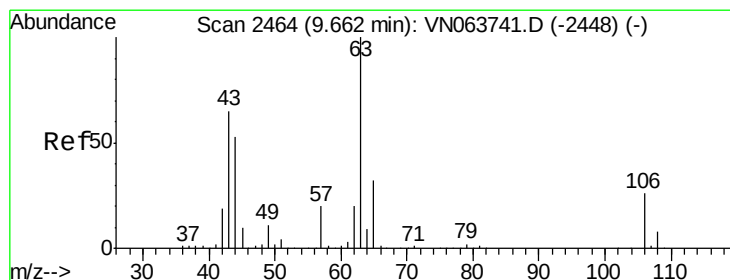
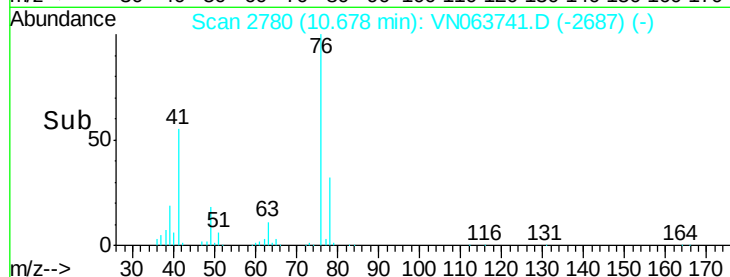
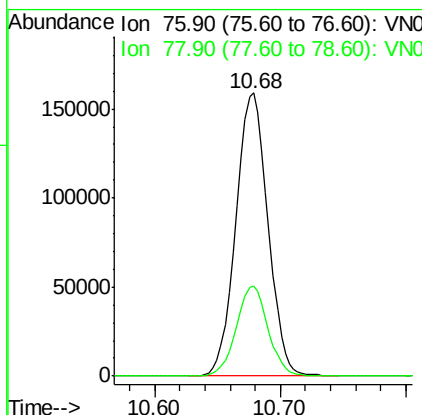
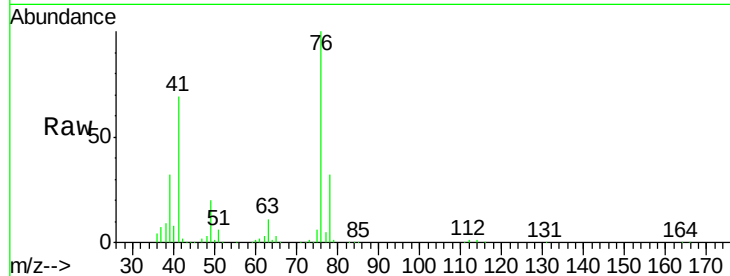




#57
 1,3-Dichloropropane
 Concen: 46.901 ug/l
 RT: 10.68 min Scan# 2780
 Delta R.T. 0.00 min
 Lab File: VN063741.D
 Acq: 30 Sep 2020 11:12

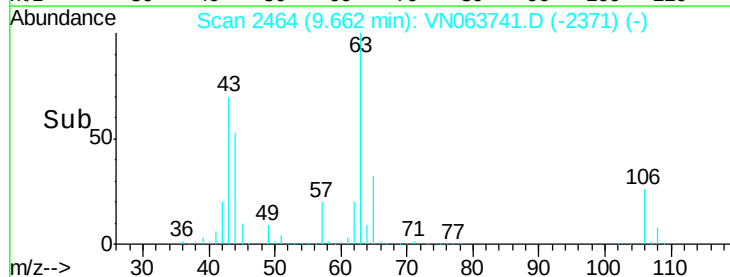
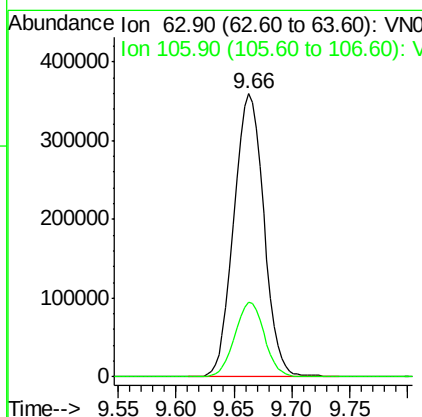
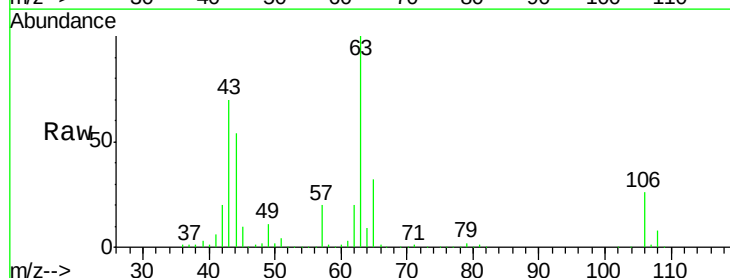
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

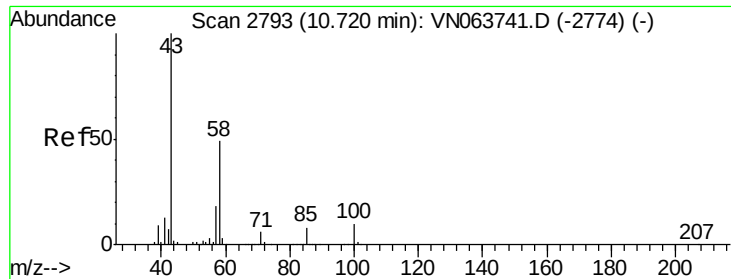
Tgt Ion: 76 Resp: 282471
 Ion Ratio Lower Upper
 76 100
 78 31.5 25.2 37.8



#58
 2-Chloroethyl Vinyl ether
 Concen: 235.082 ug/l
 RT: 9.66 min Scan# 2464
 Delta R.T. 0.00 min
 Lab File: VN063741.D
 Acq: 30 Sep 2020 11:12

Tgt Ion: 63 Resp: 645829
 Ion Ratio Lower Upper
 63 100
 106 25.9 20.7 31.1

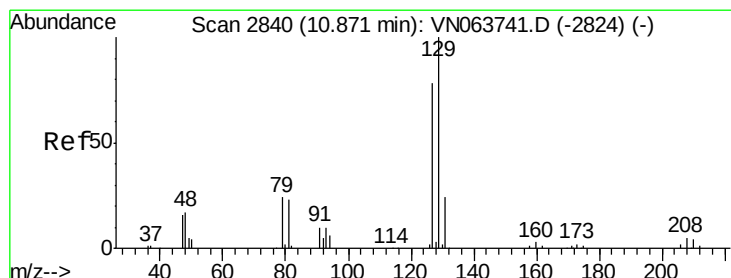
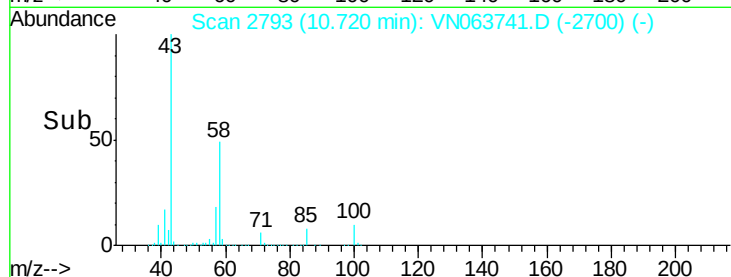
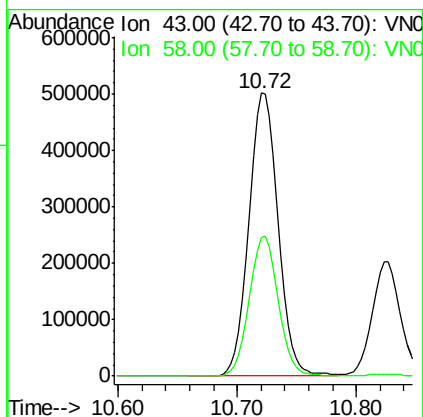
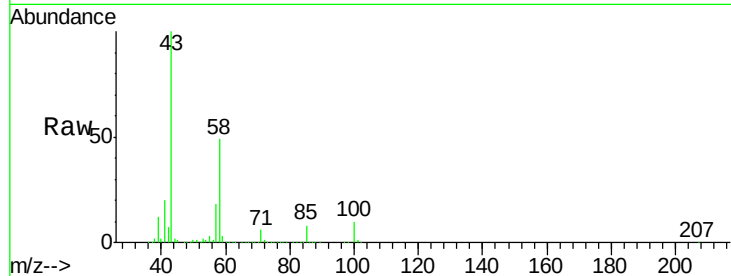




#59
2-Hexanone
Concen: 243.775 ug/l
RT: 10.72 min Scan# 2793
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

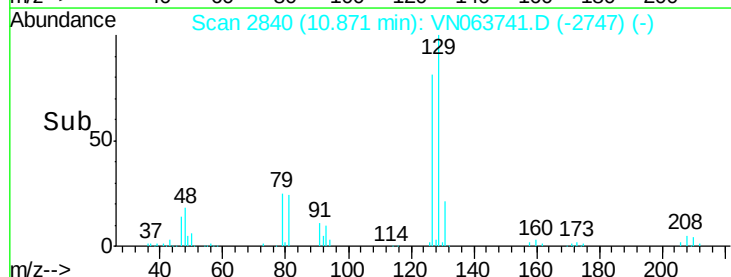
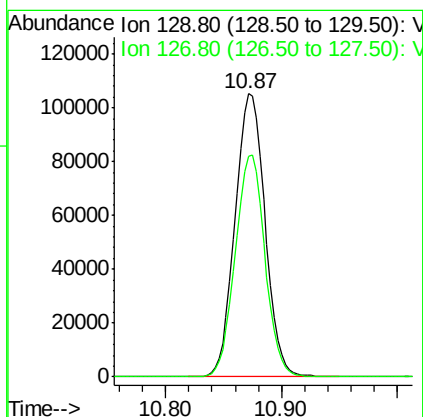
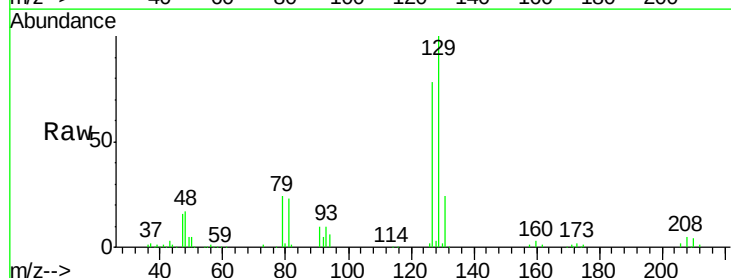
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

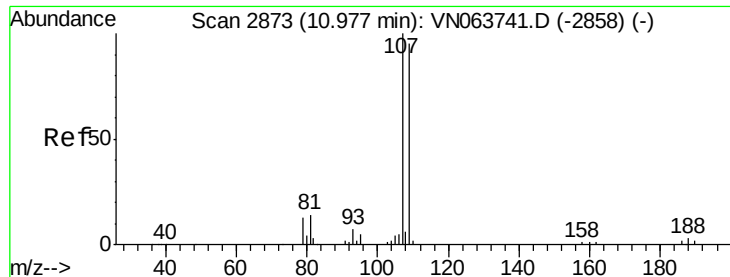
Tgt Ion: 43 Resp: 852632
Ion Ratio Lower Upper
43 100
58 49.2 24.6 73.8



#60
Dibromochloromethane
Concen: 49.690 ug/l
RT: 10.87 min Scan# 2840
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

Tgt Ion: 129 Resp: 188836
Ion Ratio Lower Upper
129 100
127 77.8 38.9 116.7





#61

1,2-Dibromoethane

Concen: 49.156 ug/l

RT: 10.98 min Scan# 2873

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

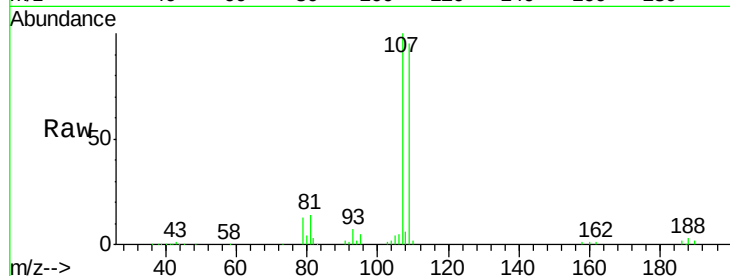
VSTDICCC050

Tgt Ion: 107 Resp: 171383

Ion Ratio Lower Upper

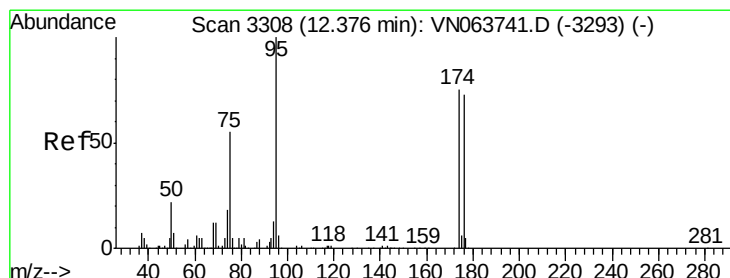
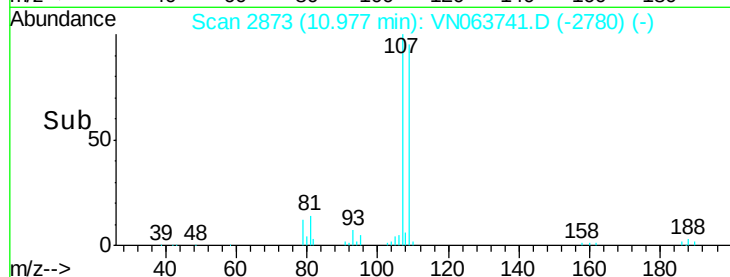
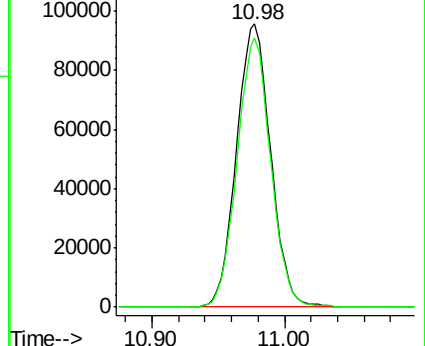
107 100

109 93.5 74.8 112.2



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 49.761 ug/l

RT: 12.38 min Scan# 3308

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

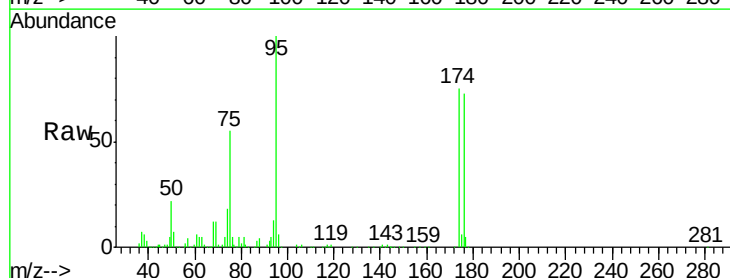
Tgt Ion: 95 Resp: 221766

Ion Ratio Lower Upper

95 100

174 75.3 0.0 150.6

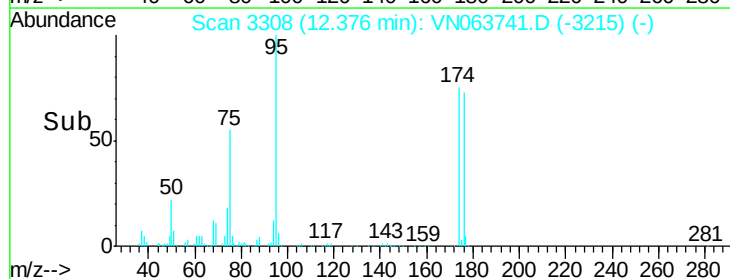
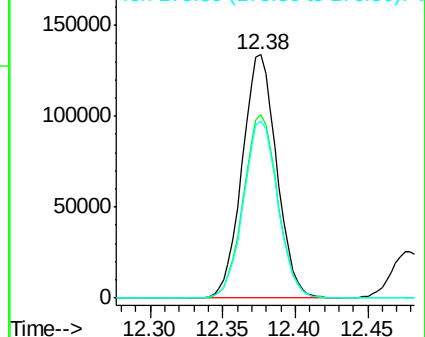
176 72.7 0.0 145.4

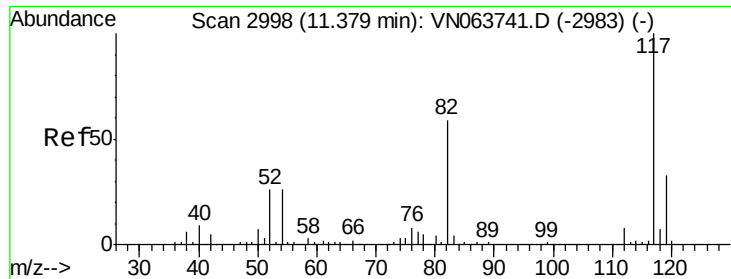


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

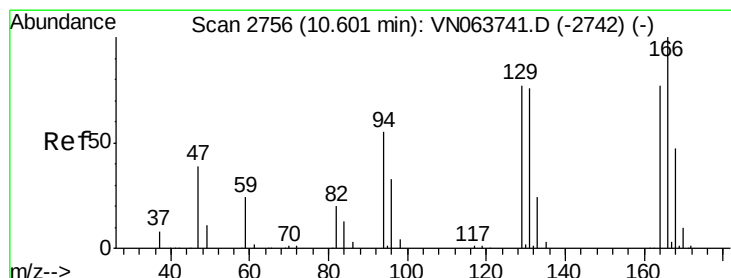
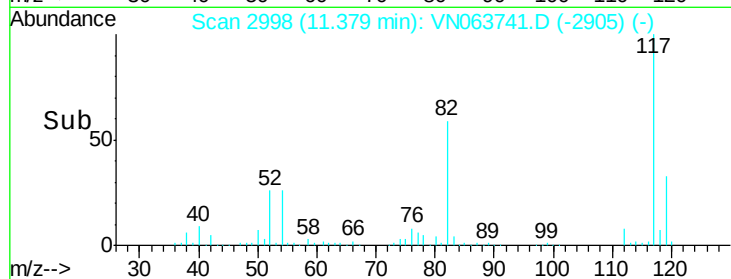
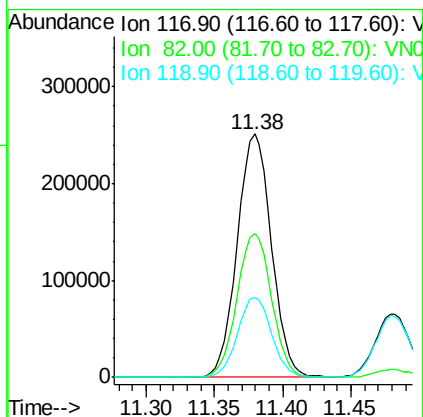
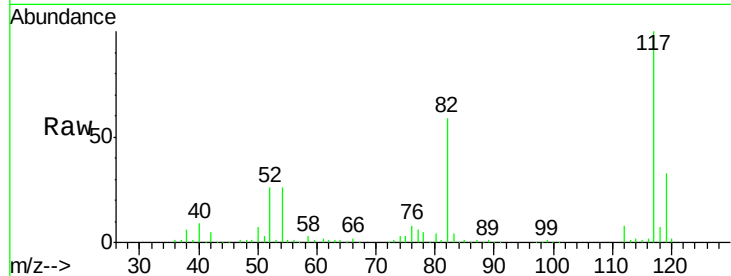




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2998
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

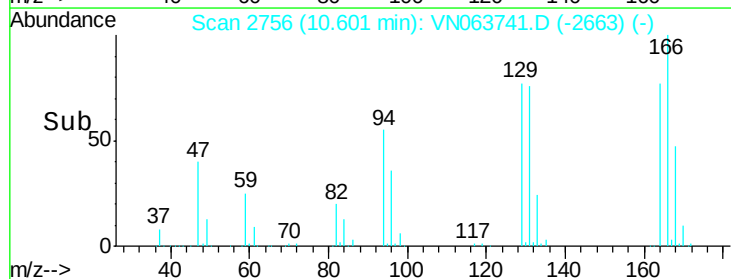
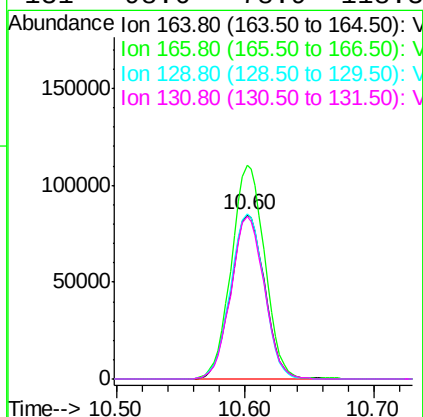
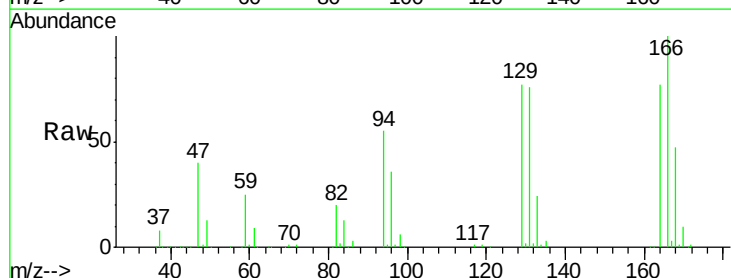
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

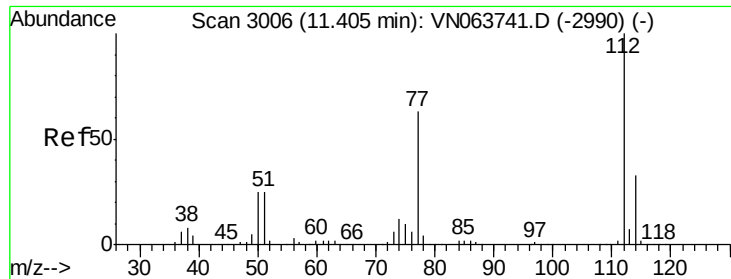
Tgt Ion:117 Resp: 438717
Ion Ratio Lower Upper
117 100
82 59.3 47.4 71.2
119 33.0 26.4 39.6



#64
Tetrachloroethene
Concen: 51.236 ug/l
RT: 10.60 min Scan# 2756
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

Tgt Ion:164 Resp: 154258
Ion Ratio Lower Upper
164 100
166 129.9 103.9 155.9
129 100.4 80.3 120.5
131 98.6 78.9 118.3

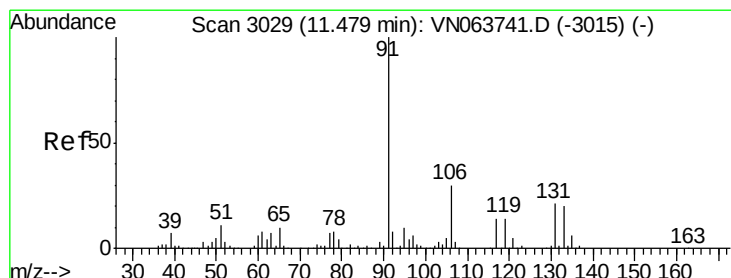
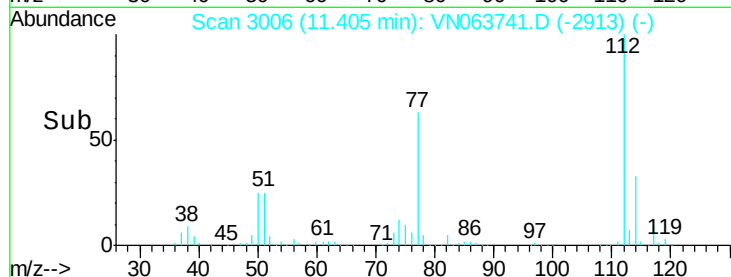
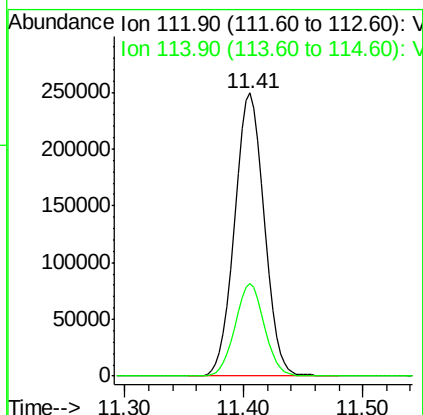
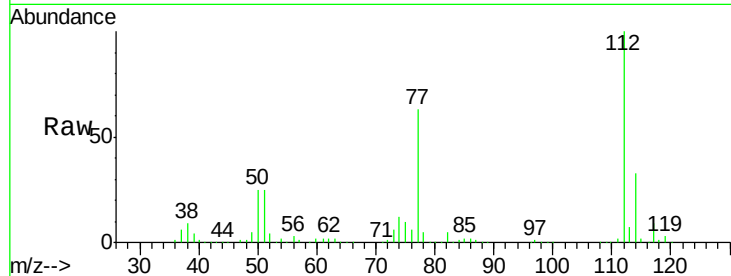




#65
Chlorobenzene
Concen: 46.854 ug/l
RT: 11.41 min Scan# 3006
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

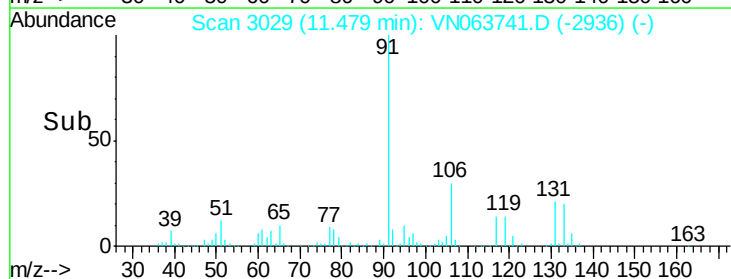
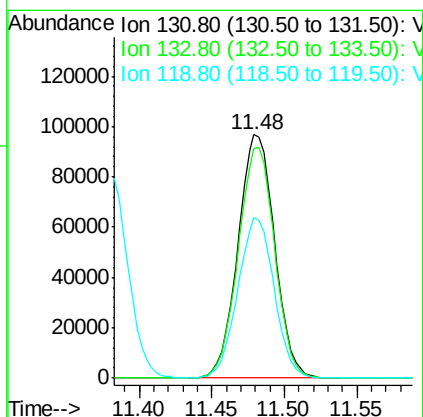
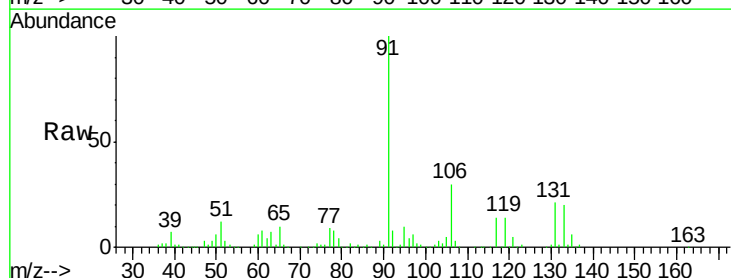
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

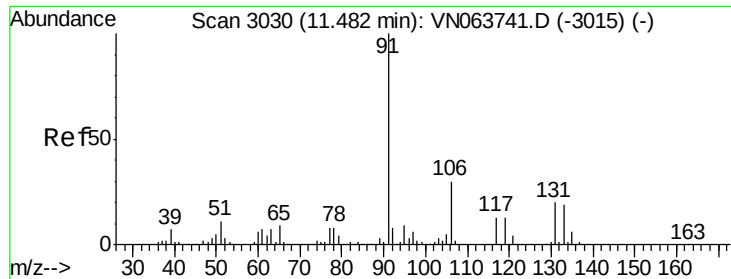
Tgt Ion:112 Resp: 430358
Ion Ratio Lower Upper
112 100
114 32.6 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 50.028 ug/l
RT: 11.48 min Scan# 3029
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

Tgt Ion:131 Resp: 169869
Ion Ratio Lower Upper
131 100
133 94.5 47.3 141.8
119 65.1 32.6 97.7

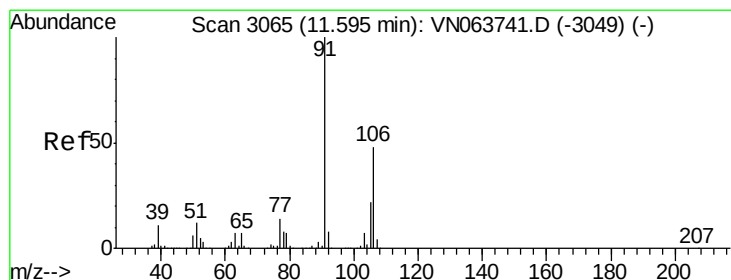
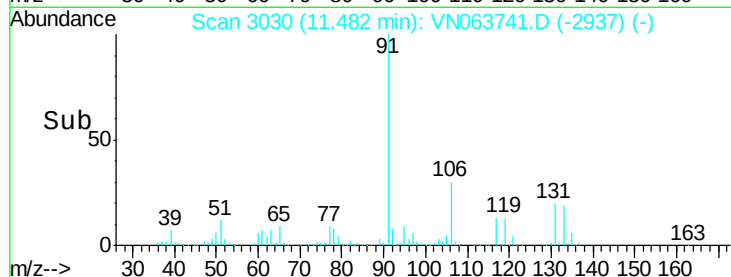
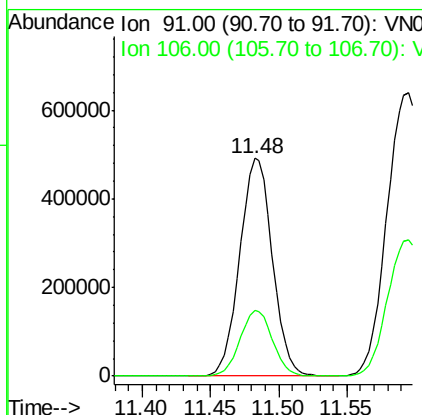
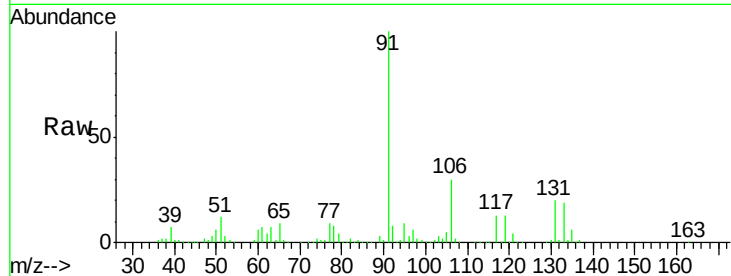




#67
Ethyl Benzene
Concen: 47.228 ug/l
RT: 11.48 min Scan# 3030
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

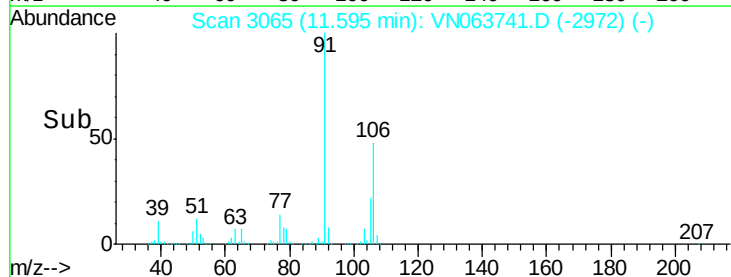
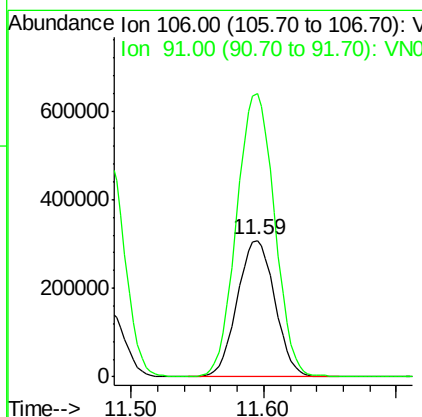
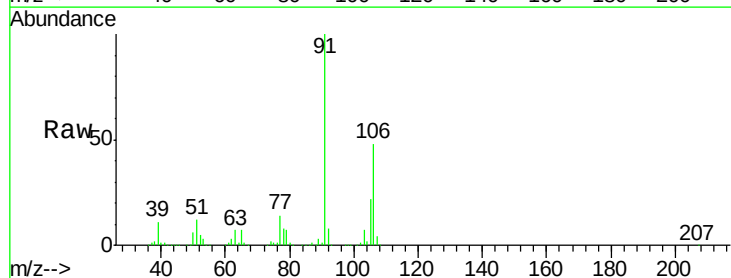
Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

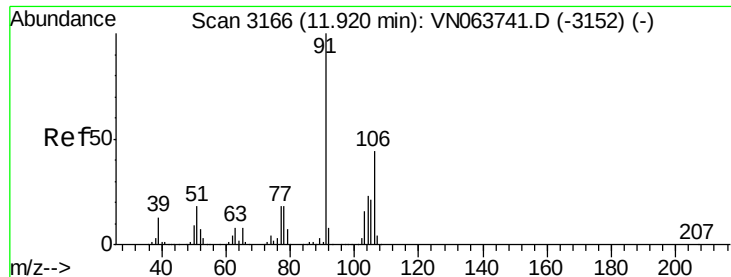
Tgt Ion: 91 Resp: 817016
Ion Ratio Lower Upper
91 100
106 30.2 24.2 36.2



#68
m/p-Xylenes
Concen: 96.539 ug/l
RT: 11.59 min Scan# 3065
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

Tgt Ion: 106 Resp: 603740
Ion Ratio Lower Upper
106 100
91 210.0 168.0 252.0

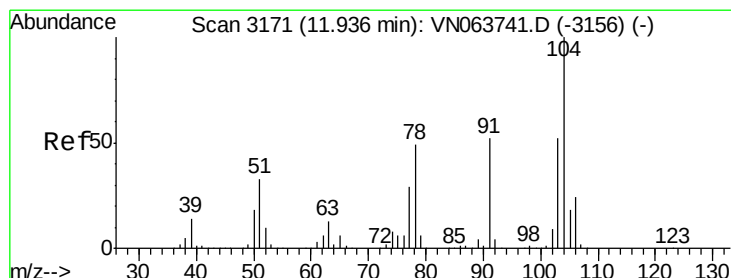
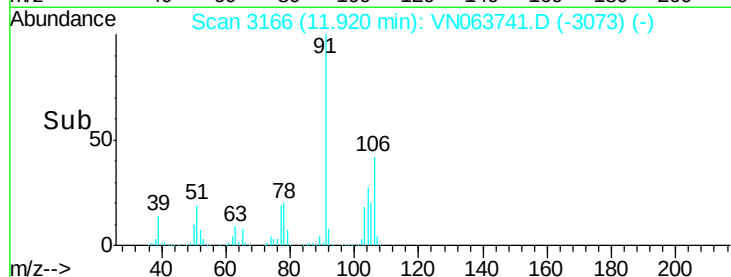
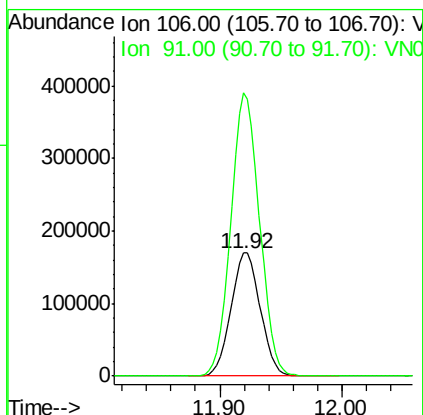
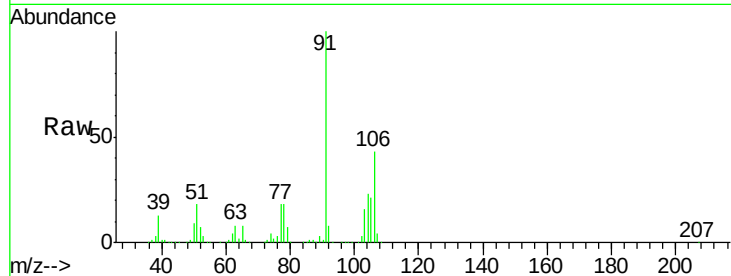




#69
o-Xylene
Concen: 47.817 ug/l
RT: 11.92 min Scan# 3166
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

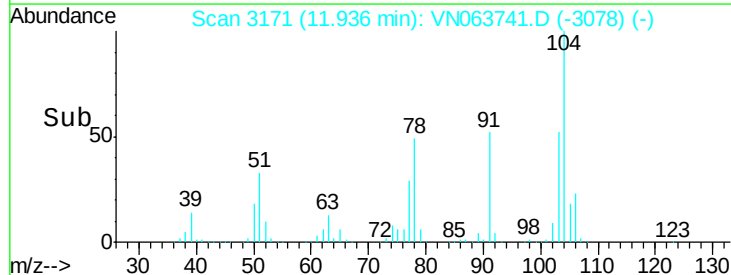
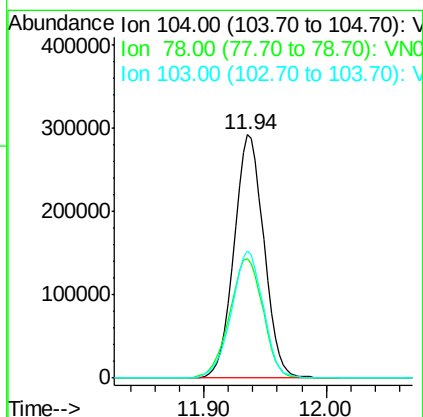
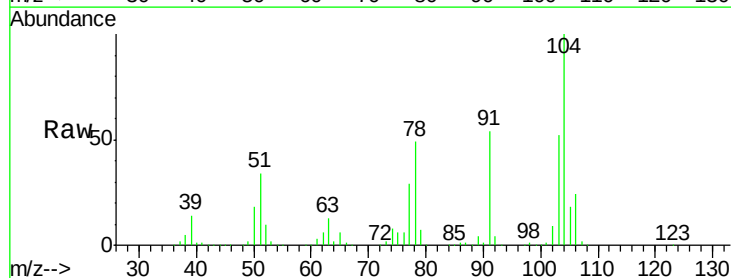
Instrument :
MSVOA_N
ClientSampled :
VSTDICCC050

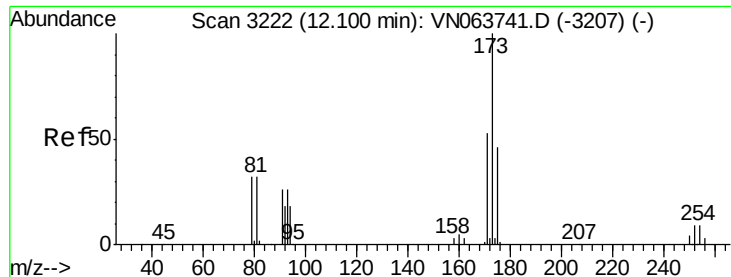
Tgt Ion:106 Resp: 283998
Ion Ratio Lower Upper
106 100
91 225.3 112.7 338.0



#70
Styrene
Concen: 49.723 ug/l
RT: 11.94 min Scan# 3171
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

Tgt Ion:104 Resp: 495372
Ion Ratio Lower Upper
104 100
78 55.1 44.1 66.1
103 55.4 44.3 66.5





#71

Bromoform

Concen: 52.226 ug/l

RT: 12.10 min Scan# 3222

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

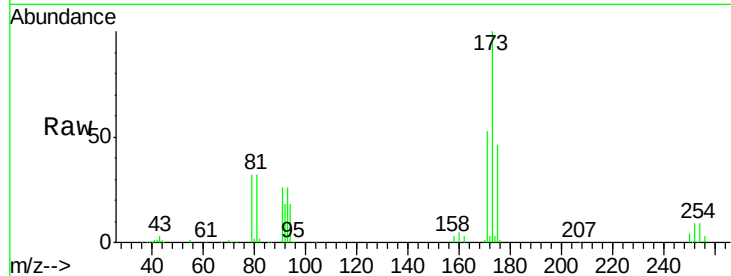
Tgt Ion:173 Resp: 132517

Ion Ratio Lower Upper

173 100

175 47.0 23.5 70.5

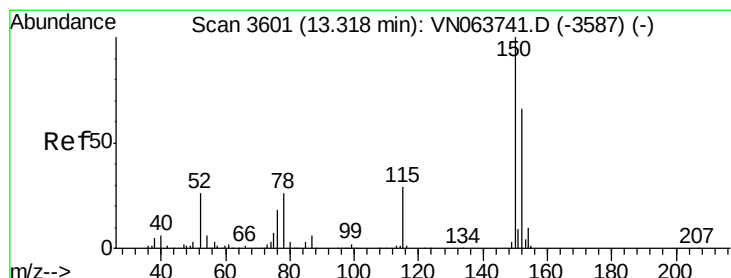
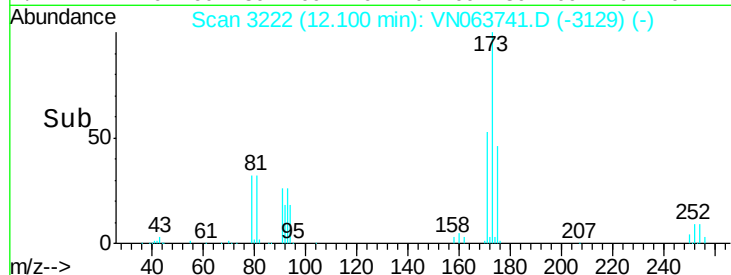
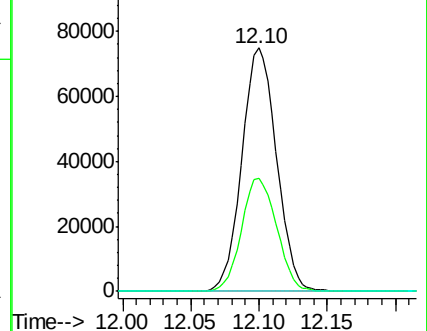
254 0.0 0.0 0.0



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# 3601

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

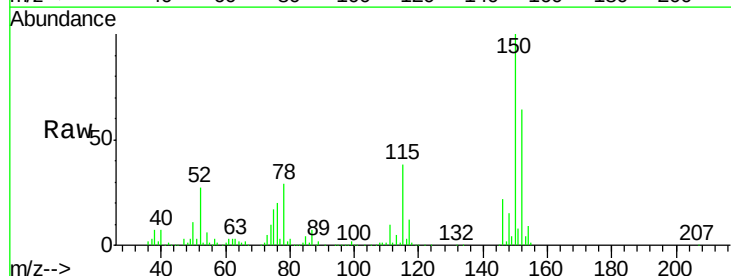
Tgt Ion:152 Resp: 221669

Ion Ratio Lower Upper

152 100

115 62.5 31.3 93.8

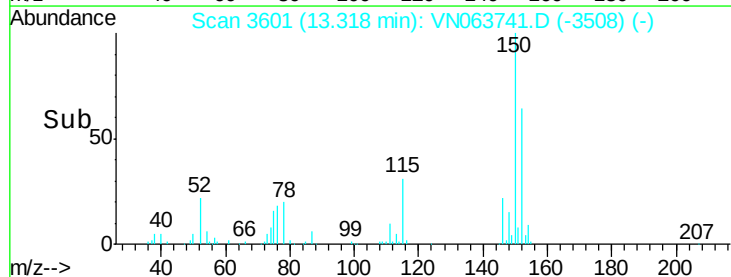
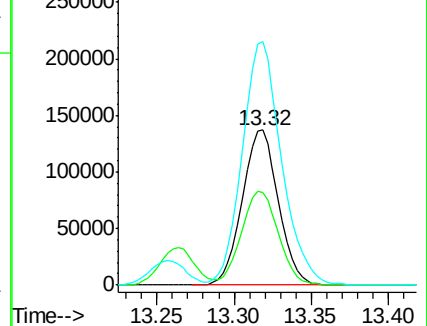
150 170.9 0.0 341.8

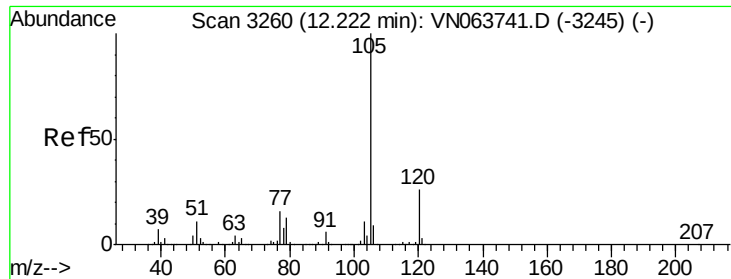


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.347 ug/l

RT: 12.22 min Scan# 3260

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

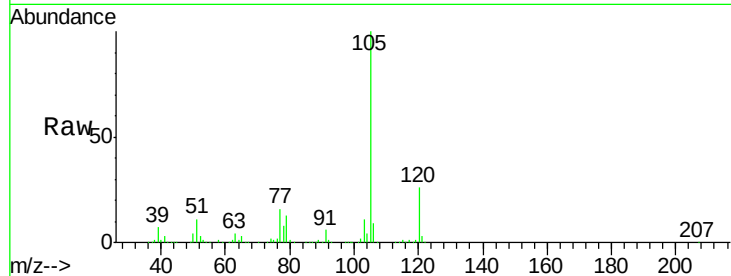
VSTDICCC050

Tgt Ion: 105 Resp: 792535

Ion Ratio Lower Upper

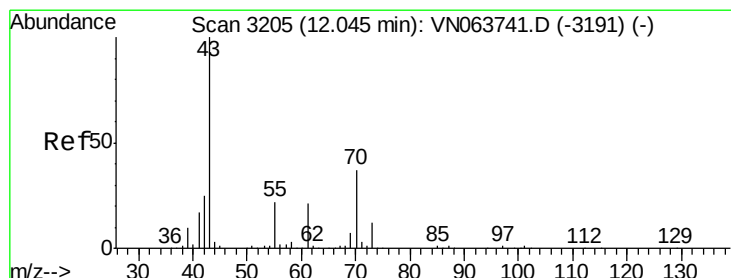
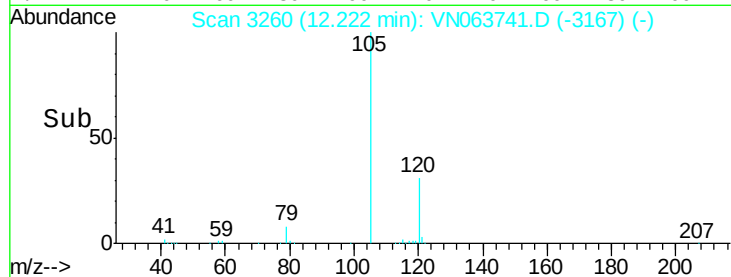
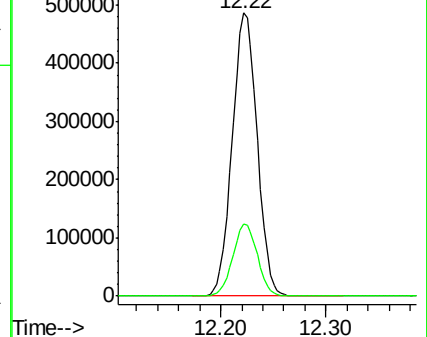
105 100

120 25.2 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 42.761 ug/l

RT: 12.04 min Scan# 3205

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

Tgt Ion: 43 Resp: 349766

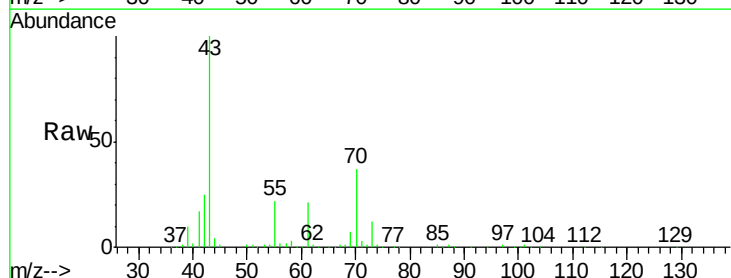
Ion Ratio Lower Upper

43 100

70 37.3 29.8 44.8

55 22.4 17.9 26.9

61 21.2 17.0 25.4

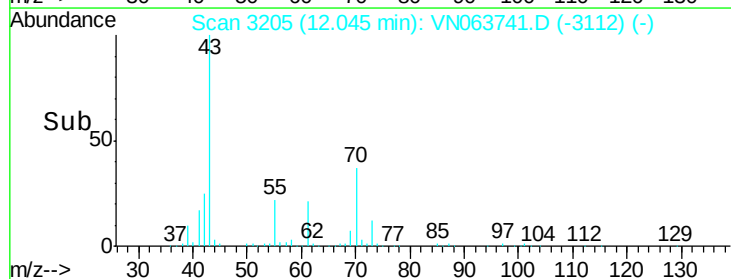
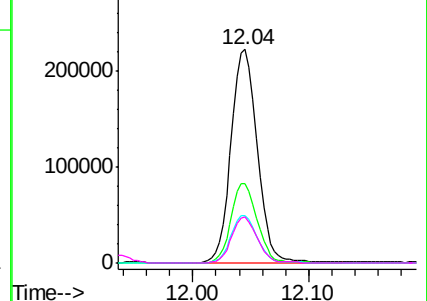


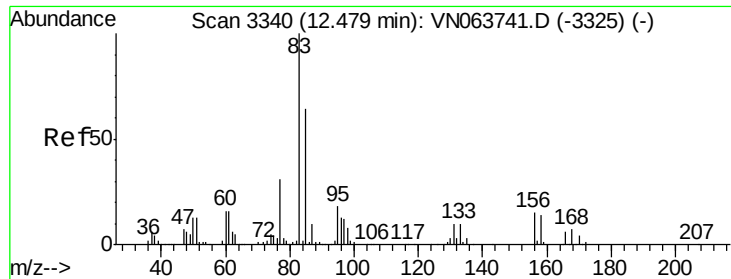
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 43.951 ug/l

RT: 12.48 min Scan# 3340

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

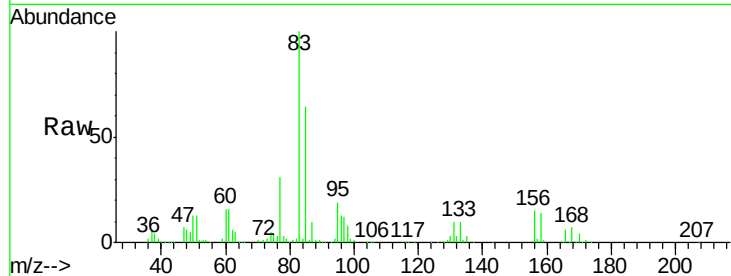
Tgt Ion: 83 Resp: 237811

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.8

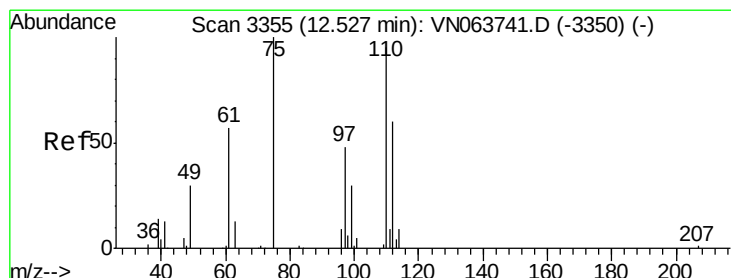
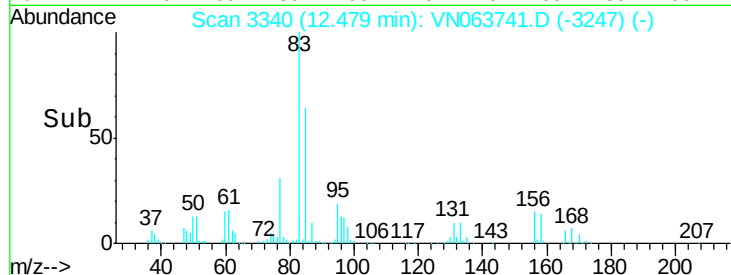
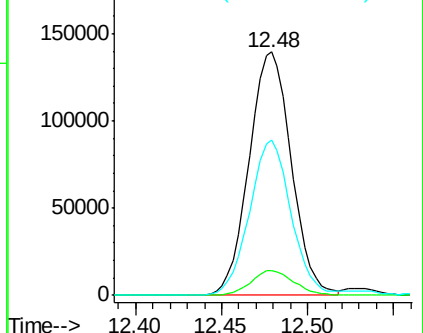
85 62.5 31.3 93.8



Abundance Ion 82.90 (82.60 to 83.60): VN0

Ion 130.80 (130.50 to 131.50): VN0

Ion 84.90 (84.60 to 85.60): VN0



#76

1,2,3-Trichloropropane

Concen: 61.950 ug/l

RT: 12.53 min Scan# 3355

Delta R.T. 0.00 min

Lab File: VN063741.D

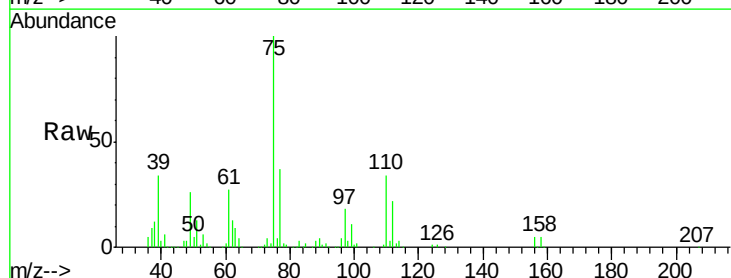
Acq: 30 Sep 2020 11:12

Tgt Ion: 75 Resp: 334211

Ion Ratio Lower Upper

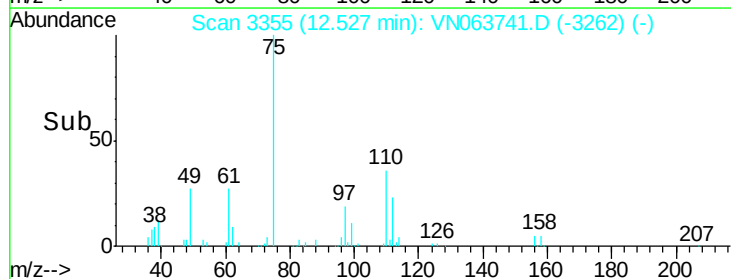
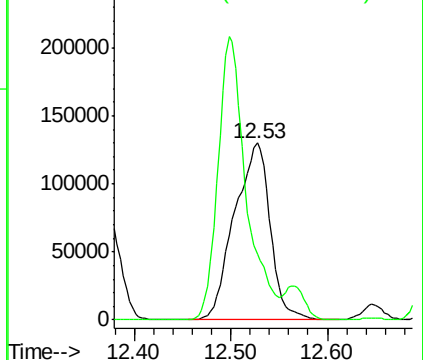
75 100

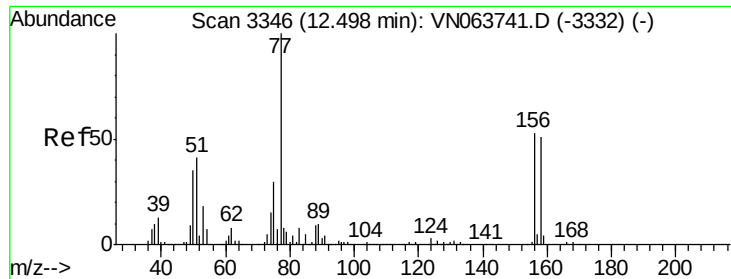
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 77.00 (76.70 to 77.70): VN0





#77

Bromobenzene

Concen: 47.860 ug/l

RT: 12.50 min Scan# 3346

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

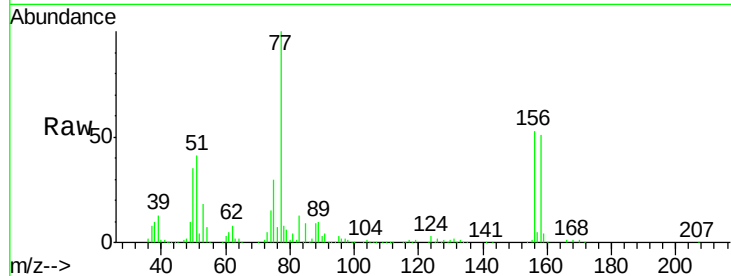
Tgt Ion:156 Resp: 190086

Ion Ratio Lower Upper

156 100

77 221.8 110.9 332.7

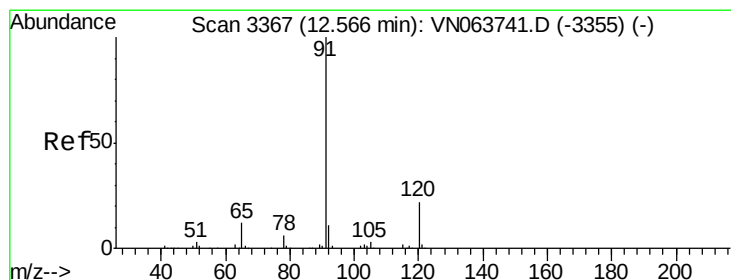
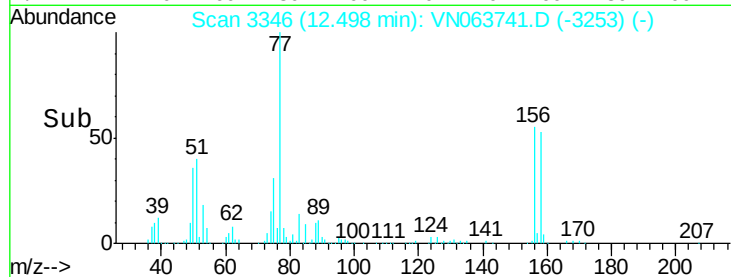
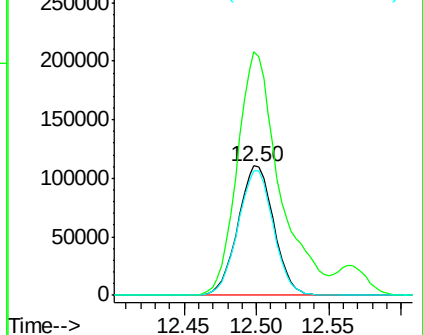
158 95.4 47.7 143.1



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: 44.729 ug/l

RT: 12.57 min Scan# 3367

Delta R.T. 0.00 min

Lab File: VN063741.D

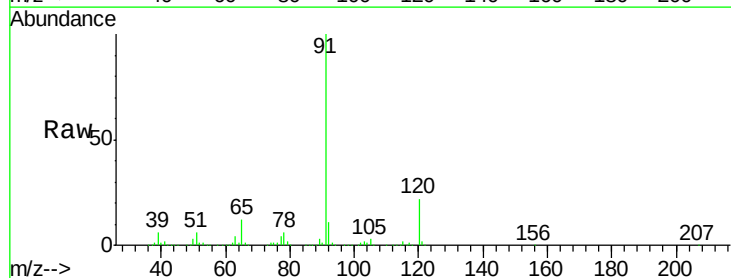
Acq: 30 Sep 2020 11:12

Tgt Ion: 91 Resp: 908649

Ion Ratio Lower Upper

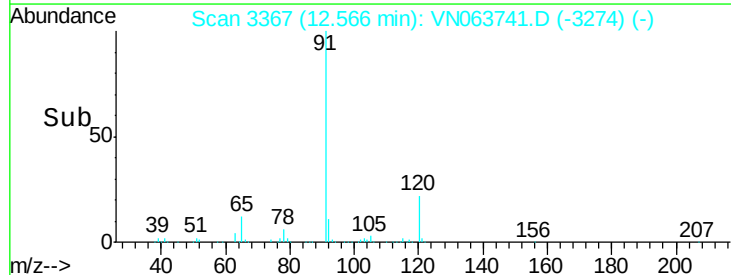
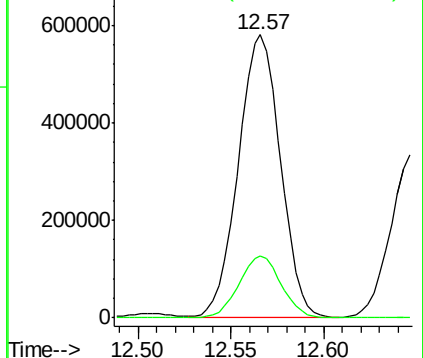
91 100

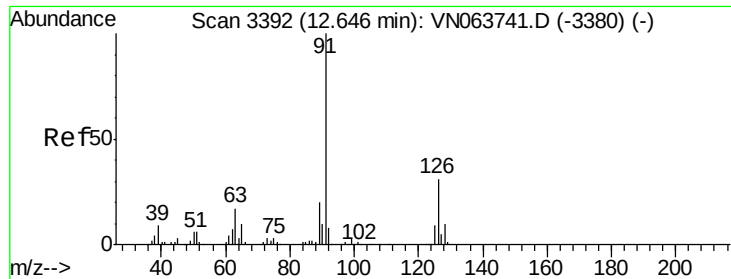
120 22.1 11.1 33.1



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 44.799 ug/l

RT: 12.65 min Scan# 3392

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

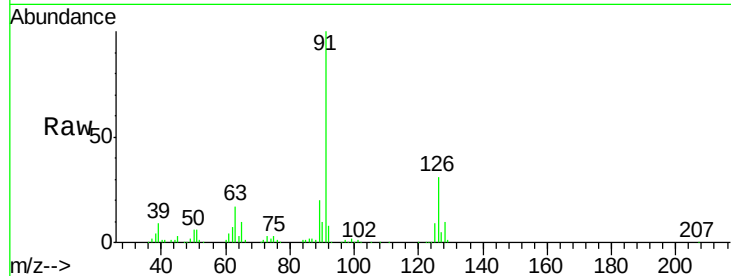
VSTDICCC050

Tgt Ion: 91 Resp: 546946

Ion Ratio Lower Upper

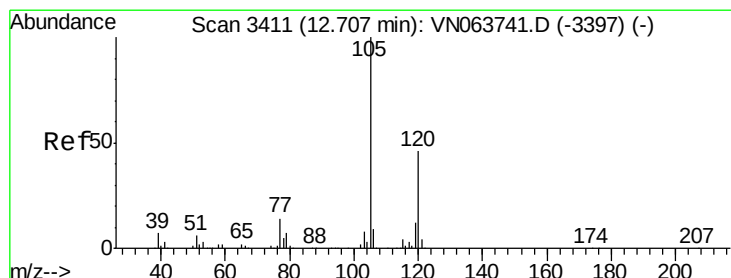
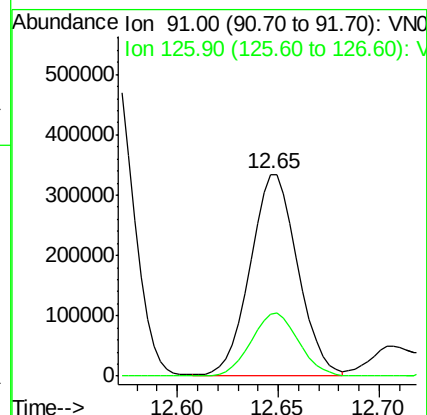
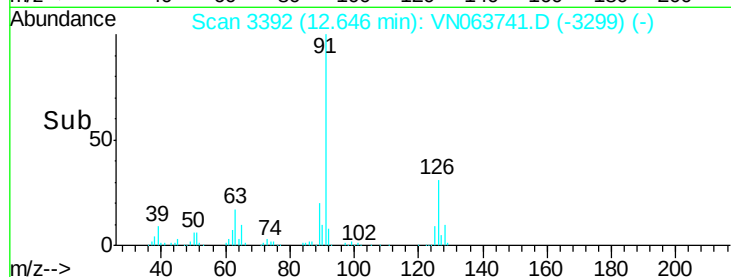
91 100

126 31.8 15.9 47.7



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3380) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3380) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.699 ug/l

RT: 12.71 min Scan# 3411

Delta R.T. 0.00 min

Lab File: VN063741.D

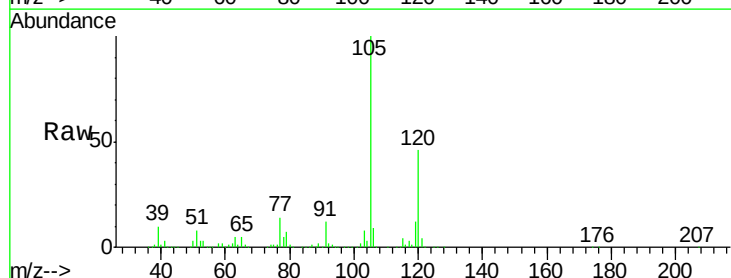
Acq: 30 Sep 2020 11:12

Tgt Ion: 105 Resp: 664311

Ion Ratio Lower Upper

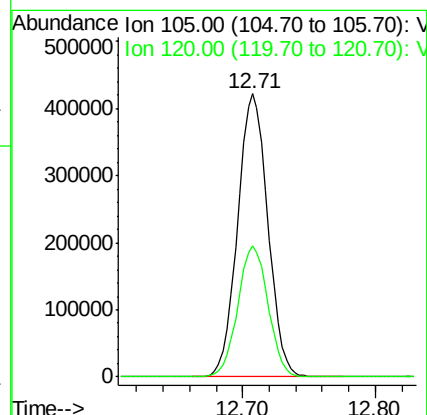
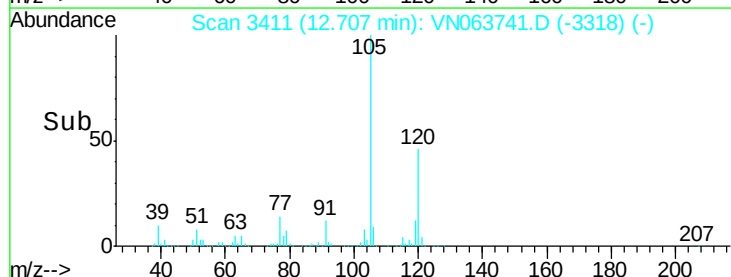
105 100

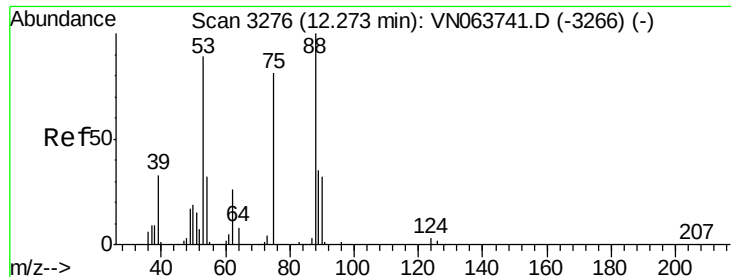
120 46.6 23.3 69.9



Abundance Ion 105.00 (104.70 to 105.70): VN063741.D (-3397) (-)

Ion 120.00 (119.70 to 120.70): VN063741.D (-3397) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 43.621 ug/l

RT: 12.27 min Scan# 3276

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

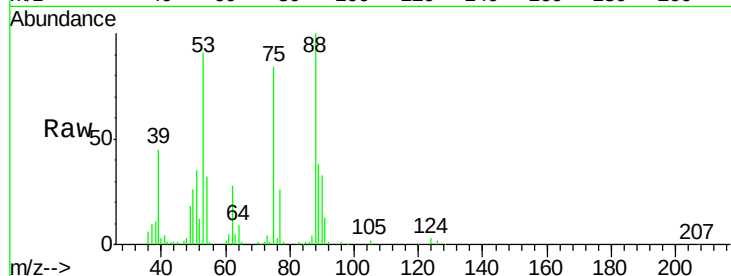
Tgt Ion: 75 Resp: 85360

Ion Ratio Lower Upper

75 100

53 110.2 88.2 132.2

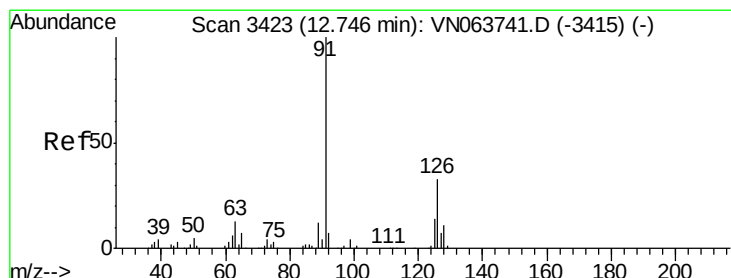
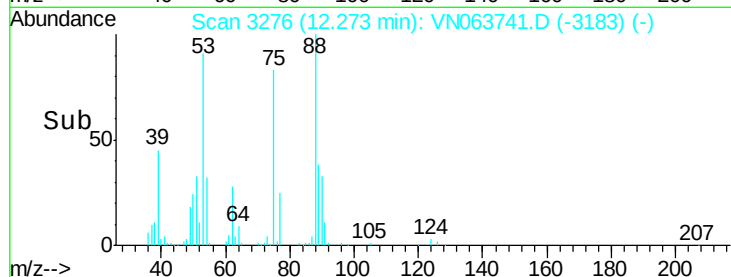
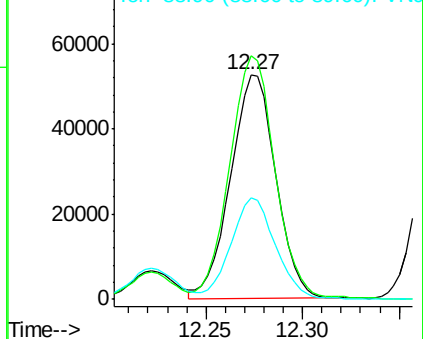
89 45.0 36.0 54.0



Abundance Ion 74.90 (74.60 to 75.60): VN063741.D (-3266) (-)

Ion 53.00 (52.70 to 53.70): VN063741.D (-3266) (-)

Ion 88.90 (88.60 to 89.60): VN063741.D (-3266) (-)



#82

4-Chlorotoluene

Concen: 44.988 ug/l

RT: 12.75 min Scan# 3423

Delta R.T. 0.00 min

Lab File: VN063741.D

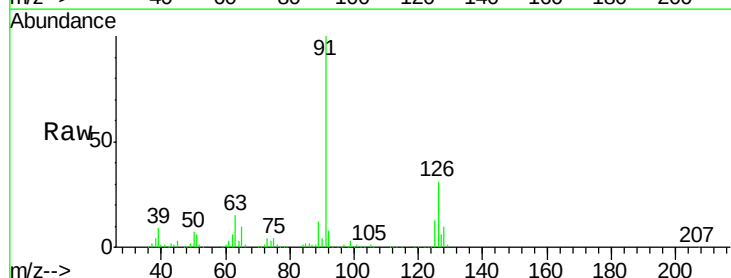
Acq: 30 Sep 2020 11:12

Tgt Ion: 91 Resp: 580984

Ion Ratio Lower Upper

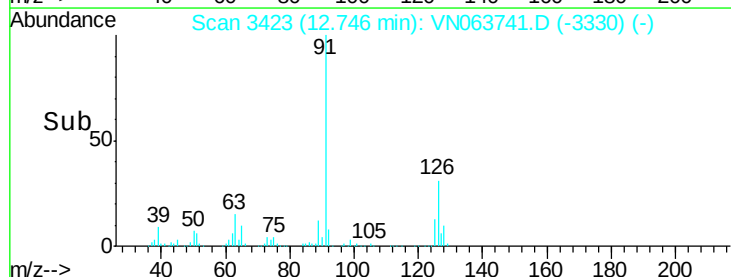
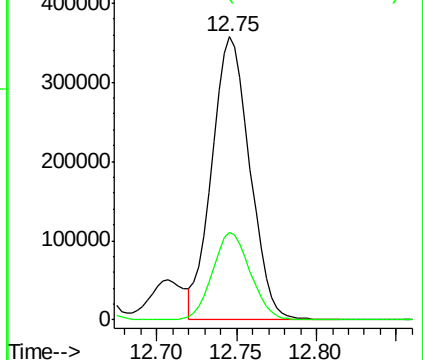
91 100

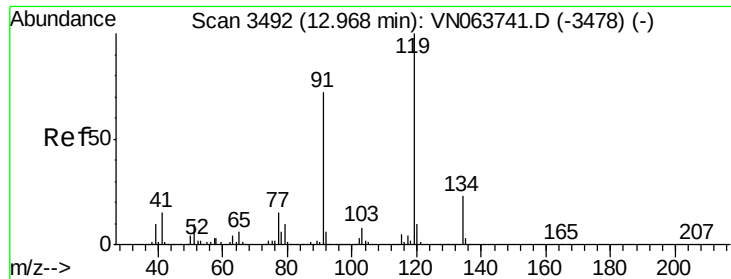
126 30.8 15.4 46.2



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3415) (-)

Ion 125.90 (125.60 to 126.60): VN063741.D (-3415) (-)

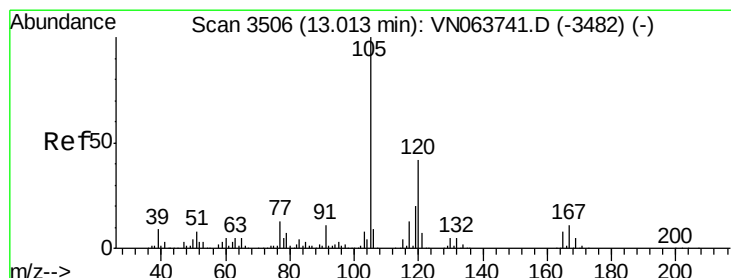
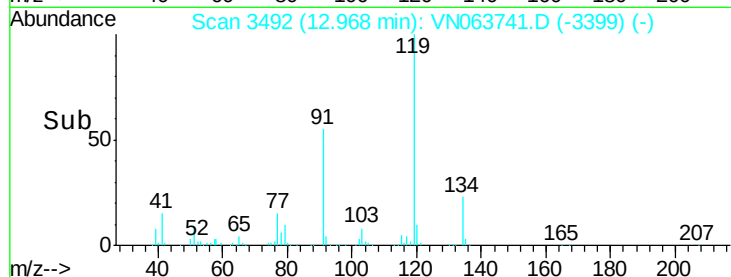
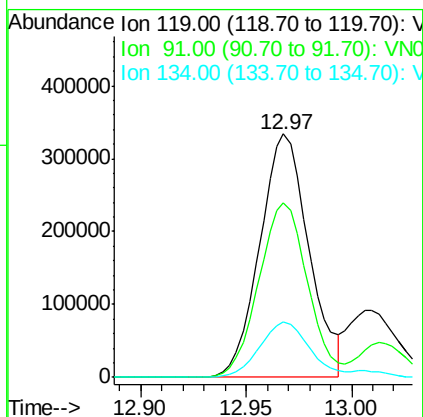
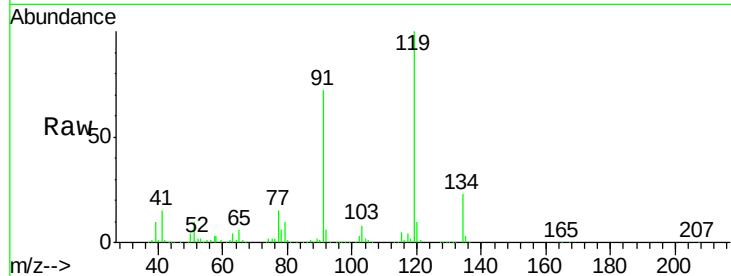




#83
 tert-Butylbenzene
 Concen: 45.076 ug/l
 RT: 12.97 min Scan# 3492
 Delta R.T. 0.00 min
 Lab File: VN063741.D
 Acq: 30 Sep 2020 11:12

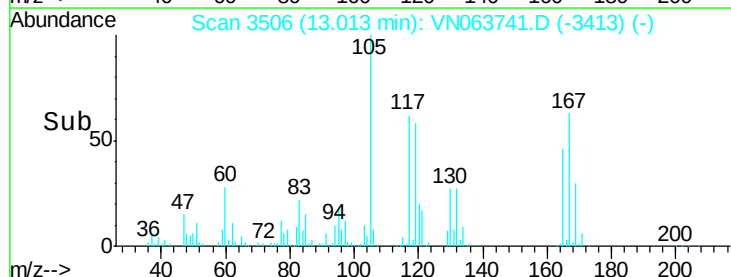
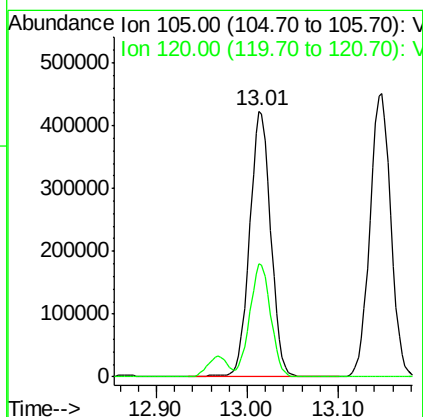
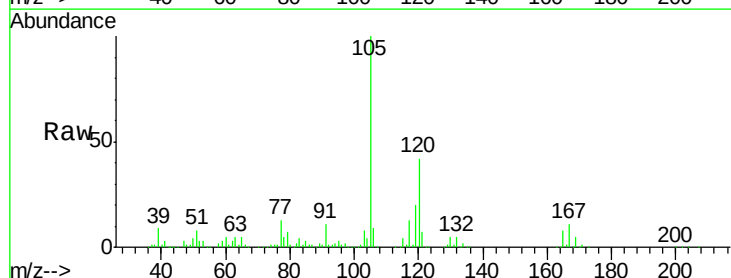
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

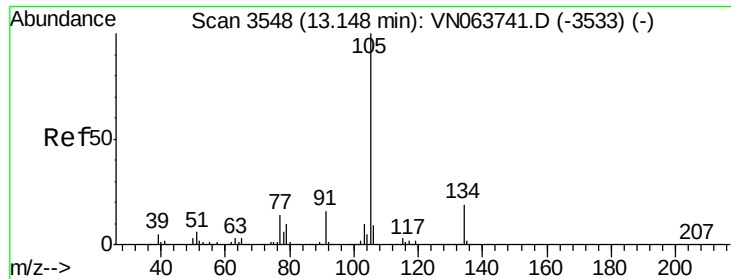
Tgt Ion:119 Resp: 541702
 Ion Ratio Lower Upper
 119 100
 91 71.0 35.5 106.5
 134 23.4 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 46.399 ug/l
 RT: 13.01 min Scan# 3506
 Delta R.T. 0.00 min
 Lab File: VN063741.D
 Acq: 30 Sep 2020 11:12

Tgt Ion:105 Resp: 682733
 Ion Ratio Lower Upper
 105 100
 120 41.8 20.9 62.7





#85

sec-Butylbenzene

Concen: 44.530 ug/l

RT: 13.15 min Scan# 3548

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

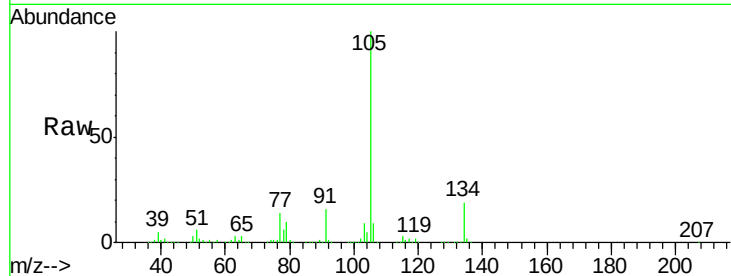
VSTDICCC050

Tgt Ion:105 Resp: 714700

Ion Ratio Lower Upper

105 100

134 19.0 9.5 28.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

500000

400000

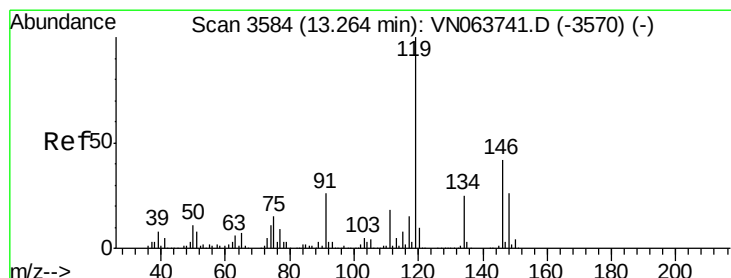
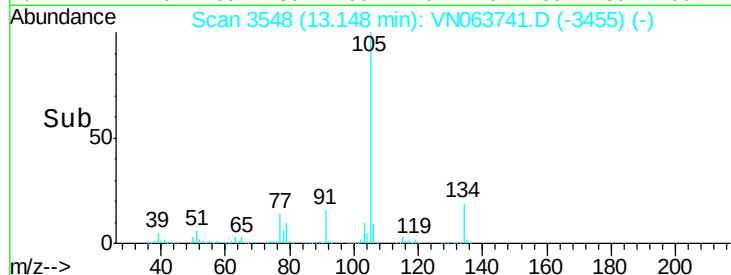
300000

200000

100000

0

Time--> 13.05 13.10 13.15 13.20



#86

p-Isopropyltoluene

Concen: 45.687 ug/l

RT: 13.26 min Scan# 3584

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

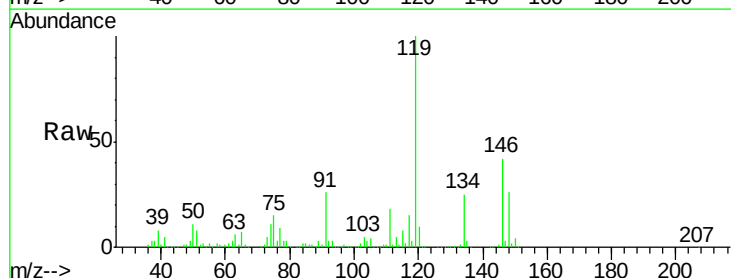
Tgt Ion:119 Resp: 647222

Ion Ratio Lower Upper

119 100

134 25.2 12.6 37.8

91 26.8 13.4 40.2



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

13.26

500000

400000

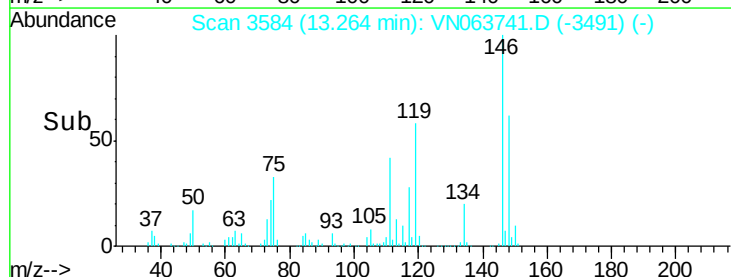
300000

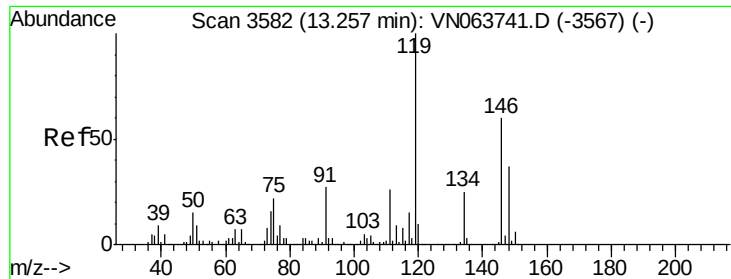
200000

100000

0

Time--> 13.20 13.25 13.30

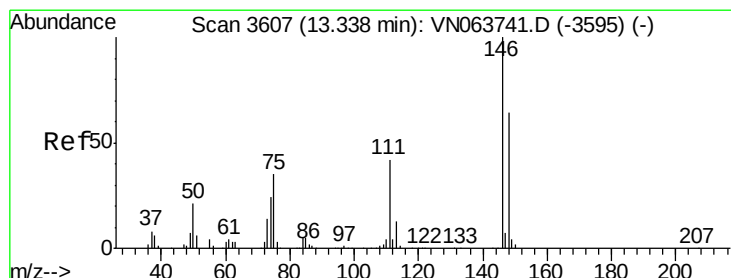
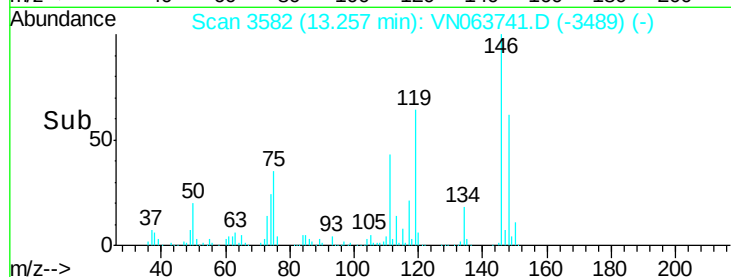
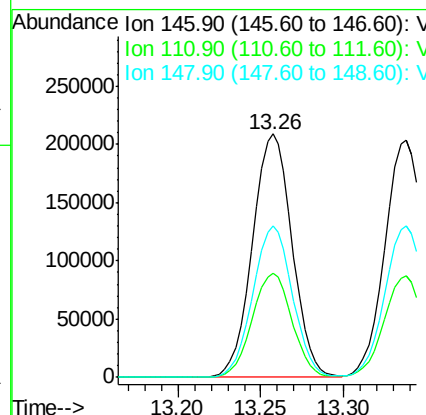
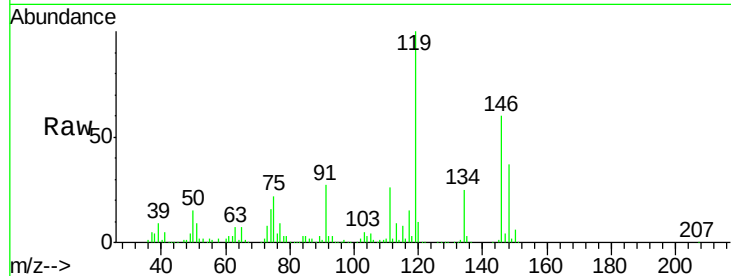




#87
 1,3-Dichlorobenzene
 Concen: 47.248 ug/l
 RT: 13.26 min Scan# 3582
 Delta R.T. 0.00 min
 Lab File: VN063741.D
 Acq: 30 Sep 2020 11:12

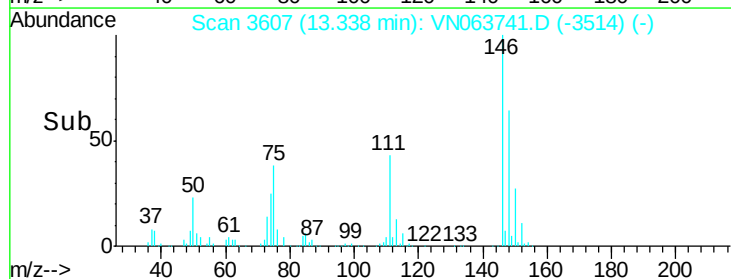
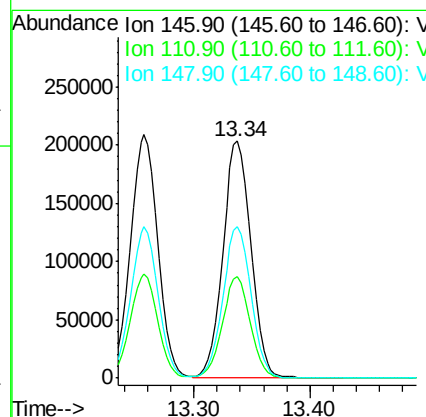
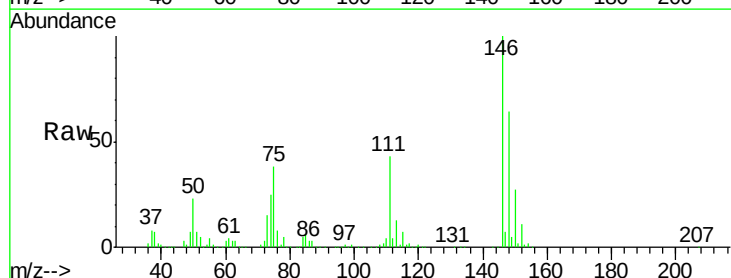
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICCC050

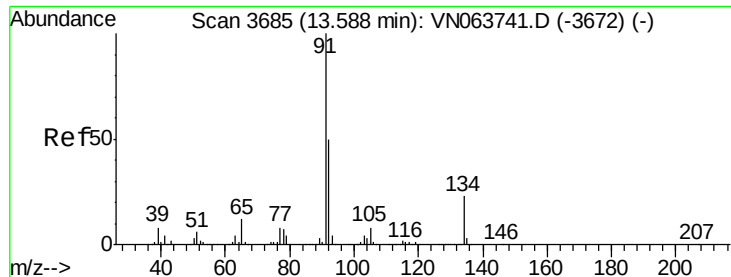
Tgt Ion:146 Resp: 346941
 Ion Ratio Lower Upper
 146 100
 111 43.0 21.5 64.5
 148 62.2 31.1 93.3



#88
 1,4-Dichlorobenzene
 Concen: 46.142 ug/l
 RT: 13.34 min Scan# 3607
 Delta R.T. 0.00 min
 Lab File: VN063741.D
 Acq: 30 Sep 2020 11:12

Tgt Ion:146 Resp: 342768
 Ion Ratio Lower Upper
 146 100
 111 42.5 21.3 63.7
 148 64.0 32.0 96.0





#89

n-Butylbenzene

Concen: 44.576 ug/l

RT: 13.59 min Scan# 3685

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampleId :

VSTDICCC050

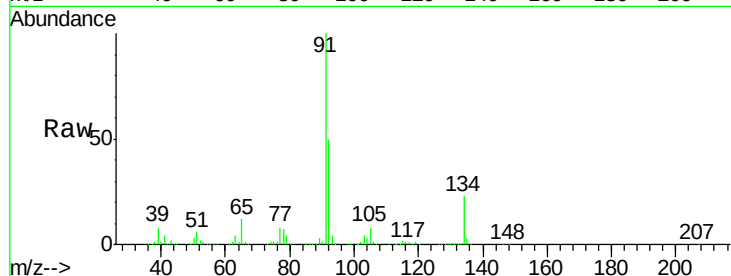
Tgt Ion: 91 Resp: 579497

Ion Ratio Lower Upper

91 100

92 50.9 25.4 76.4

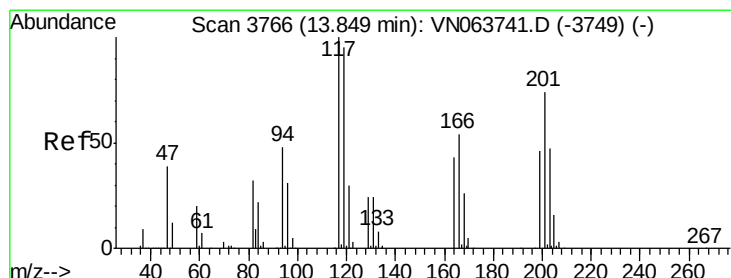
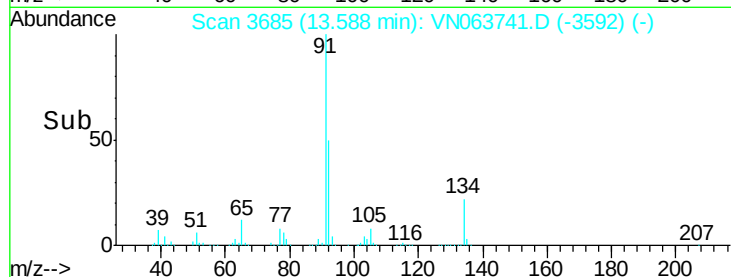
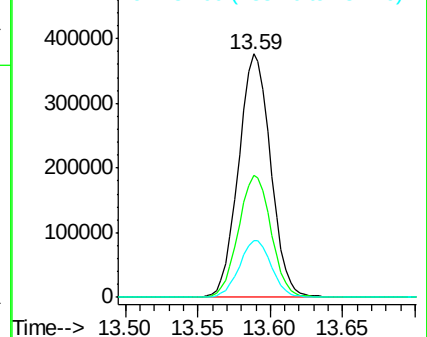
134 23.4 11.7 35.1



Abundance Ion 91.00 (90.70 to 91.70): VN063741.D (-3672) (-)

Ion 92.00 (91.70 to 92.70): VN063741.D (-3672) (-)

Ion 134.00 (133.70 to 134.70): VN063741.D (-3672) (-)



#90

Hexachloroethane

Concen: 45.622 ug/l

RT: 13.85 min Scan# 3766

Delta R.T. 0.00 min

Lab File: VN063741.D

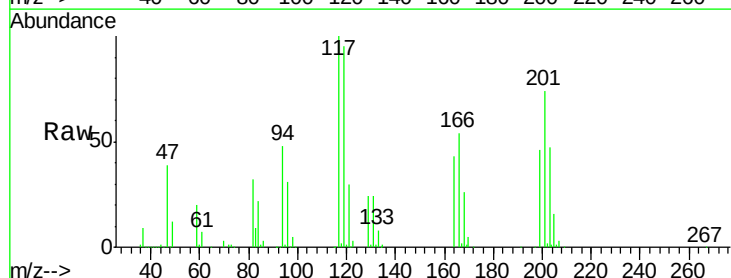
Acq: 30 Sep 2020 11:12

Tgt Ion: 117 Resp: 123564

Ion Ratio Lower Upper

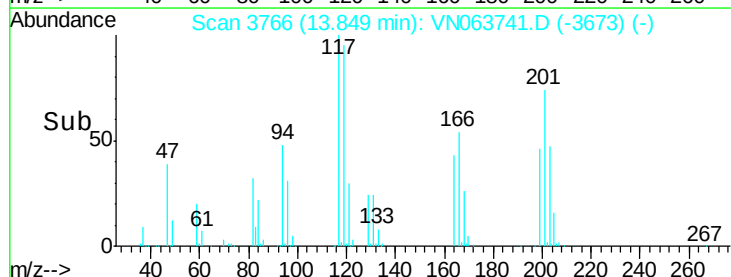
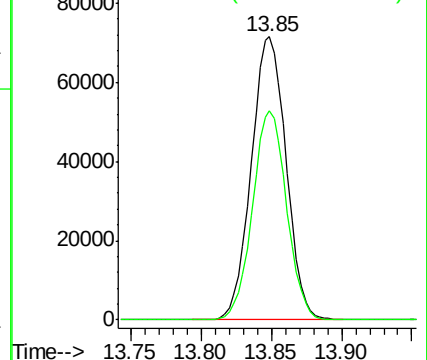
117 100

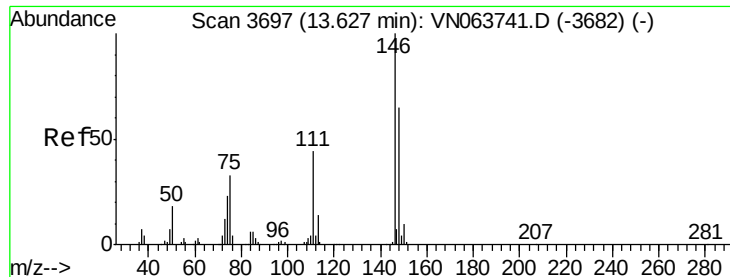
201 72.0 36.0 108.0



Abundance Ion 116.80 (116.50 to 117.50): VN063741.D (-3749) (-)

Ion 200.70 (200.40 to 201.40): VN063741.D (-3749) (-)





#91

1,2-Dichlorobenzene

Concen: 46.677 ug/l

RT: 13.63 min Scan# 3697

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

Instrument :

MSVOA_N

ClientSampled :

VSTDICCC050

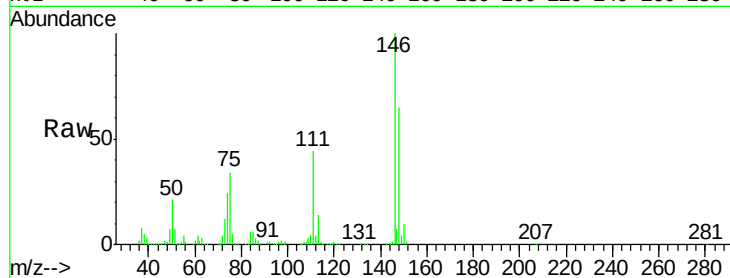
Tgt Ion:146 Resp: 334744

Ion Ratio Lower Upper

146 100

111 44.4 22.2 66.6

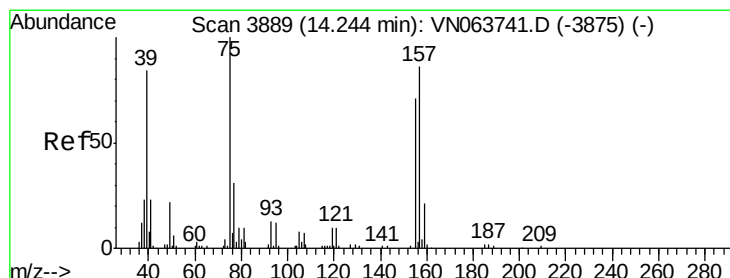
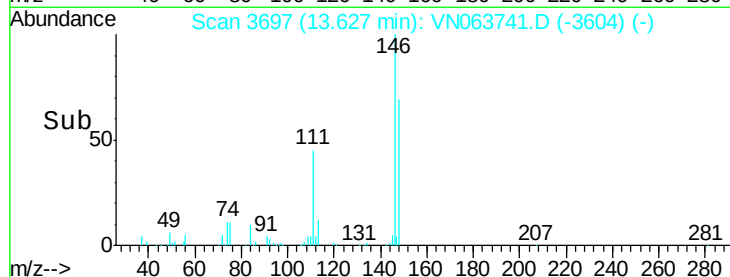
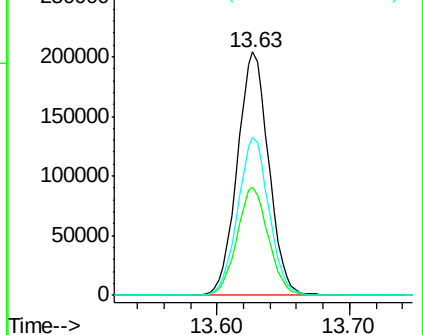
148 64.9 32.5 97.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.371 ug/l

RT: 14.24 min Scan# 3889

Delta R.T. 0.00 min

Lab File: VN063741.D

Acq: 30 Sep 2020 11:12

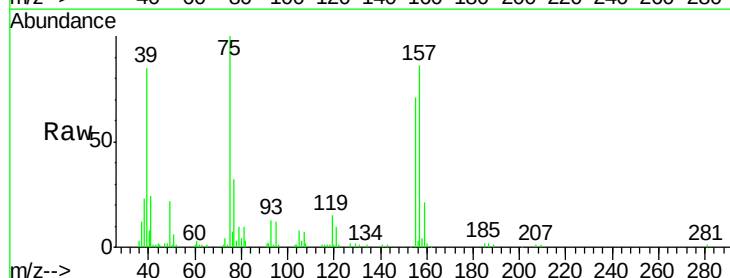
Tgt Ion: 75 Resp: 55338

Ion Ratio Lower Upper

75 100

155 69.7 34.8 104.5

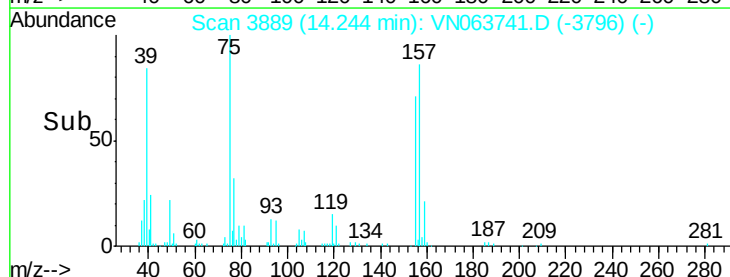
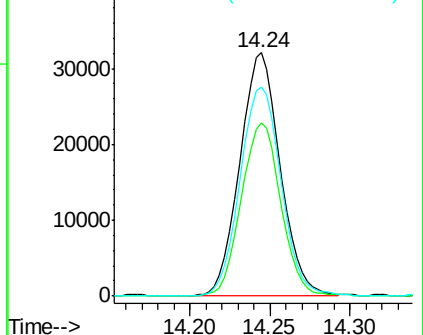
157 87.4 43.7 131.1

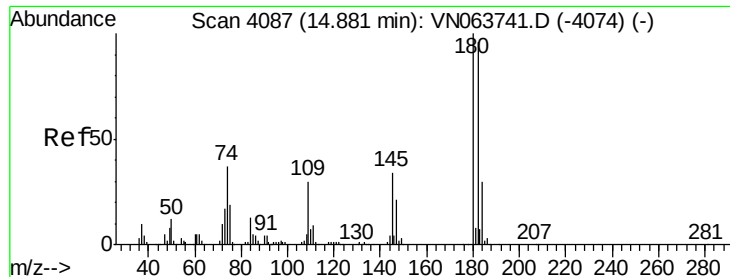


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

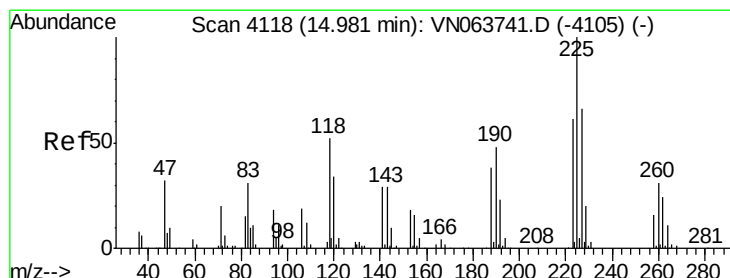
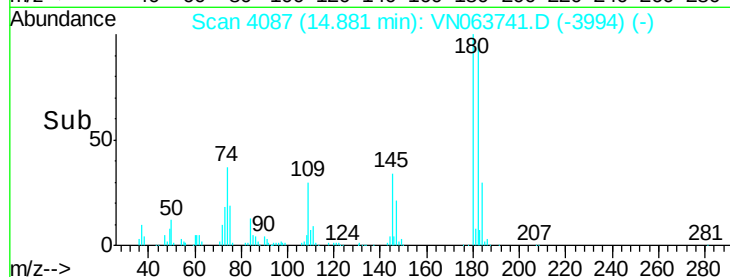
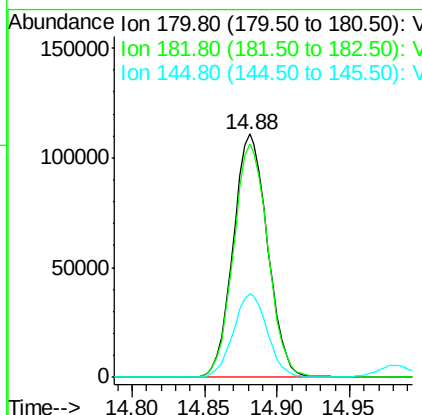
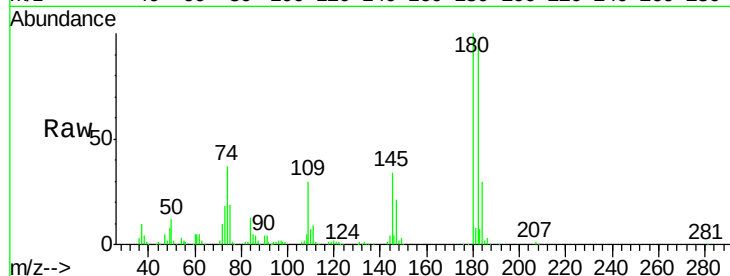




#93
 1,2,4-Trichlorobenzene
 Concen: 43.859 ug/l
 RT: 14.88 min Scan# 4087
 Delta R.T. 0.00 min
 Lab File: VN063741.D
 Acq: 30 Sep 2020 11:12

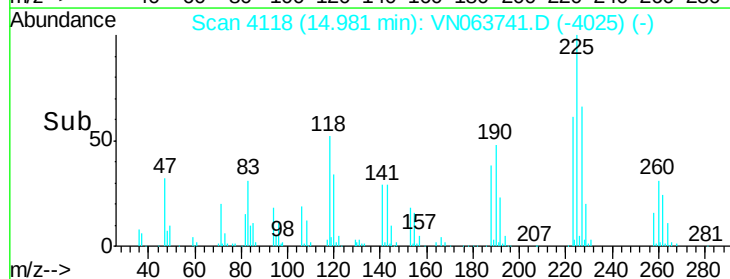
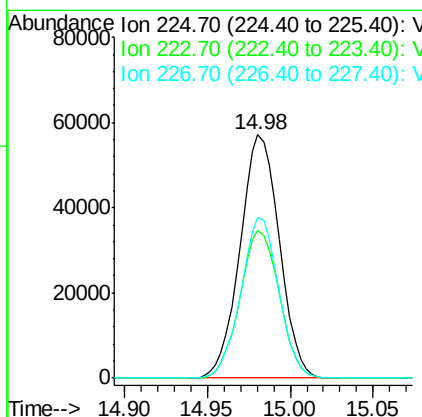
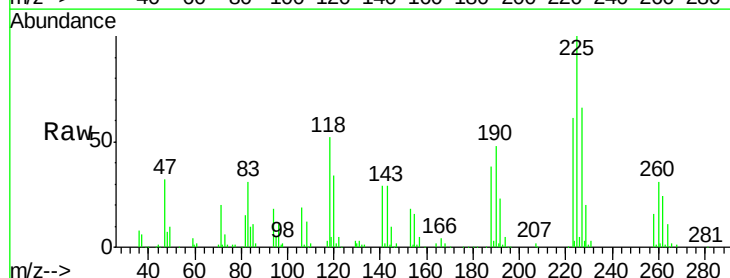
Instrument :
 MSVOA_N
 ClientSampled :
 VSTDICCC050

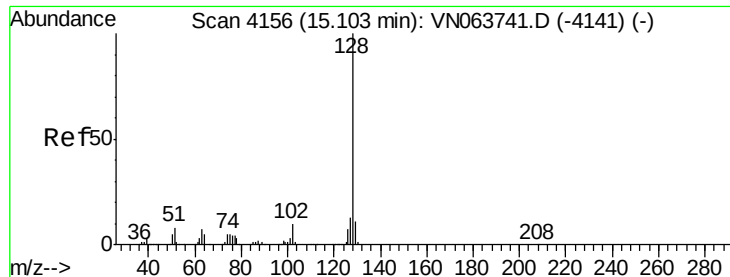
Tgt Ion:180 Resp: 182177
 Ion Ratio Lower Upper
 180 100
 182 96.4 48.2 144.6
 145 34.1 17.1 51.2



#94
 Hexachlorobutadiene
 Concen: 52.502 ug/l
 RT: 14.98 min Scan# 4118
 Delta R.T. 0.00 min
 Lab File: VN063741.D
 Acq: 30 Sep 2020 11:12

Tgt Ion:225 Resp: 93953
 Ion Ratio Lower Upper
 225 100
 223 60.7 30.3 91.0
 227 63.7 31.9 95.5

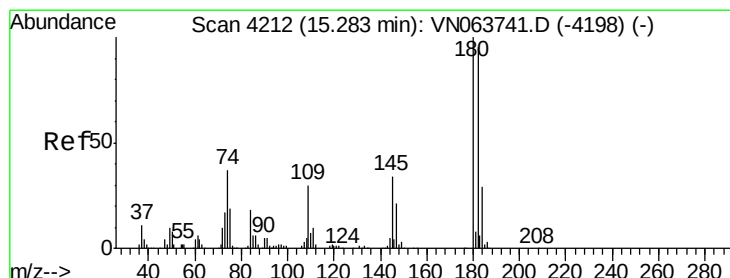
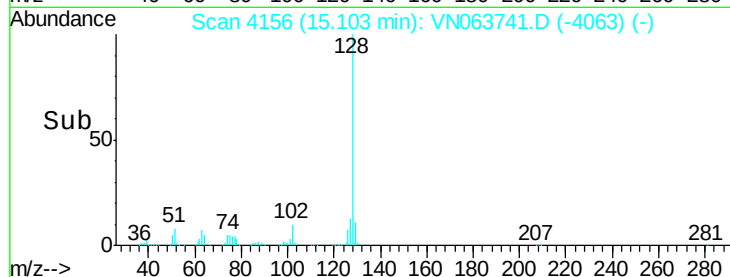
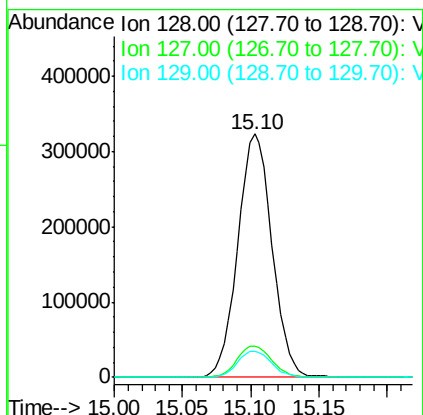
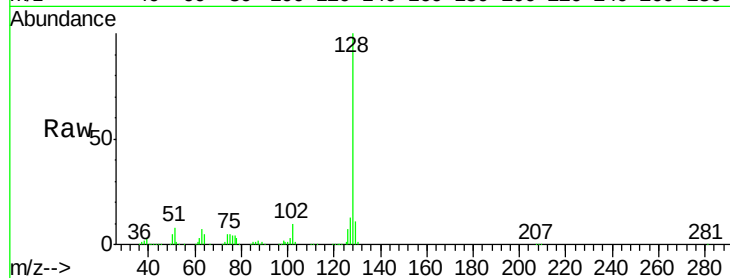




#95
Naphthalene
Concen: 41.460 ug/l
RT: 15.10 min Scan# 4156
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

Instrument :
MSVOA_N
ClientSampleId :
VSTDICCC050

Tgt Ion:128 Resp: 563550
Ion Ratio Lower Upper
128 100
127 13.1 10.5 15.7
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 43.910 ug/l
RT: 15.28 min Scan# 4212
Delta R.T. 0.00 min
Lab File: VN063741.D
Acq: 30 Sep 2020 11:12

Tgt Ion:180 Resp: 176191
Ion Ratio Lower Upper
180 100
182 95.7 47.9 143.6
145 34.3 17.2 51.5

