

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061763.D
 Acq On : 11 Jun 2020 21:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 12 05:52:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	333633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	521009	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	499102	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	258065	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.99	65	178142	44.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.64%	
35) Dibromofluoromethane	7.55	113	139792	52.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.78%	
50) Toluene-d8	10.06	98	626493	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	12.38	95	224128	50.16	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.32%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	186605	48.478	ug/l	96
3) Chloromethane	2.03	50	175489	43.126	ug/l	98
4) Vinyl Chloride	2.16	62	247793	44.436	ug/l	100
5) Bromomethane	2.52	94	157353	49.176	ug/l	99
6) Chloroethane	2.66	64	167464	46.656	ug/l	99
7) Trichlorofluoromethane	2.98	101	399920	55.615	ug/l	99
8) Diethyl Ether	3.37	74	104723	47.627	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	3.72	101	163772	51.323	ug/l	93
10) Methyl Iodide	3.91	142	230444	52.023	ug/l	97
11) Tert butyl alcohol	4.73	59	144072	272.490	ug/l	98
12) 1,1-Dichloroethene	3.69	96	163516	47.964	ug/l	94
13) Acrolein	3.57	56	30244	190.122	ug/l	97
14) Allyl chloride	4.27	41	197108	44.225	ug/l	97
15) Acrylonitrile	4.93	53	355604	240.960	ug/l	99
16) Acetone	3.77	43	263380	240.173	ug/l	96
17) Carbon Disulfide	4.01	76	305007	40.665	ug/l	98
18) Methyl Acetate	4.27	43	174397	48.465	ug/l	96
19) Methyl tert-butyl Ether	4.99	73	549615	47.304	ug/l	100
20) Methylene Chloride	4.50	84	187697	52.021	ug/l	93
21) trans-1,2-Dichloroethene	4.99	96	184779	48.061	ug/l	93
22) Diisopropyl ether	5.90	45	463782	47.213	ug/l	98
23) Vinyl Acetate	5.84	43	1696566	216.693	ug/l	96
24) 1,1-Dichloroethane	5.80	63	306408	49.190	ug/l	99
25) 2-Butanone	6.78	43	422041	224.028	ug/l	96
26) 2,2-Dichloropropane	6.77	77	246638	43.260	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	217760	50.020	ug/l	97
28) Bromochloromethane	7.15	49	108856	46.451	ug/l	92
29) Tetrahydrofuran	7.17	42	273973	220.544	ug/l	94
30) Chloroform	7.33	83	347415	50.413	ug/l	98
31) Cyclohexane	7.61	56	245078	43.747	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	310261	49.409	ug/l	100
36) 1,1-Dichloropropene	7.75	75	238640	51.740	ug/l	99
37) Ethyl Acetate	6.88	43	180628	48.623	ug/l	96
38) Carbon Tetrachloride	7.73	117	255514	57.433	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061763.D
 Acq On : 11 Jun 2020 21:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 12 05:52:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	9.05	83	272838	47.993	ug/l	96
40) Benzene	8.00	78	757248	53.211	ug/l	99
41) Methacrylonitrile	7.16	41	250249	147.030	ug/l #	8
42) 1,2-Dichloroethane	8.09	62	245108	51.446	ug/l	99
43) Isopropyl Acetate	8.13	43	311873	46.663	ug/l	92
44) Trichloroethene	8.80	130	236204	54.008	ug/l	92
45) 1,2-Dichloropropane	9.09	63	181910	53.832	ug/l	100
46) Dibromomethane	9.18	93	137252	52.959	ug/l	95
47) Bromodichloromethane	9.37	83	278356	54.211	ug/l	97
48) Methyl methacrylate	9.17	41	137906	45.862	ug/l	96
49) 1,4-Dioxane	9.17	88	71695	1539.057	ug/l #	93
51) 4-Methyl-2-Pentanone	9.95	43	925952	245.850	ug/l	97
52) Toluene	10.12	92	504066	54.268	ug/l	99
53) t-1,3-Dichloropropene	10.35	75	290338	52.489	ug/l	100
54) cis-1,3-Dichloropropene	9.81	75	310603	52.224	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	200424	54.161	ug/l	98
56) Ethyl methacrylate	10.40	69	270093	52.249	ug/l	97
57) 1,3-Dichloropropane	10.68	76	319703	54.017	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	493974	223.610	ug/l	99
59) 2-Hexanone	10.72	43	664117	245.526	ug/l	97
60) Dibromochloromethane	10.87	129	239754	56.989	ug/l	99
61) 1,2-Dibromoethane	10.98	107	209547	54.294	ug/l	99
64) Tetrachloroethene	10.60	164	255218	54.323	ug/l	97
65) Chlorobenzene	11.41	112	559801	53.959	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	216842	56.134	ug/l	100
67) Ethyl Benzene	11.48	91	963418	53.729	ug/l	99
68) m/p-Xylenes	11.60	106	762502	107.247	ug/l	99
69) o-Xylene	11.92	106	366122	54.217	ug/l	99
70) Styrene	11.94	104	619949	55.437	ug/l	98
71) Bromoform	12.10	173	172334	57.896	ug/l #	100
73) Isopropylbenzene	12.22	105	972097	51.610	ug/l	100
74) N-amyl acetate	12.05	43	270967	45.681	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.48	83	261166	49.479	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	336416	71.690	ug/l #	100
77) Bromobenzene	12.50	156	261536	54.397	ug/l	95
78) n-propylbenzene	12.57	91	1086372	51.665	ug/l	99
79) 2-Chlorotoluene	12.65	91	632659	50.458	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	812295	51.598	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	85790	46.752	ug/l	98
82) 4-Chlorotoluene	12.75	91	663581	50.308	ug/l	99
83) tert-Butylbenzene	12.97	119	704235	50.630	ug/l	98
84) 1,2,4-Trimethylbenzene	13.01	105	815772	52.161	ug/l	98
85) sec-Butylbenzene	13.15	105	904087	50.441	ug/l	99
86) p-Isopropyltoluene	13.26	119	840823	50.940	ug/l	99
87) 1,3-Dichlorobenzene	13.26	146	457770	53.768	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	458648	52.881	ug/l	98
89) n-Butylbenzene	13.59	91	680420	49.215	ug/l	99
90) Hexachloroethane	13.85	117	123455	67.630	ug/l	87
91) 1,2-Dichlorobenzene	13.63	146	440591	54.152	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.25	75	46230	42.946	ug/l	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
Data File : VN061763.D
Acq On : 11 Jun 2020 21:31
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :

Quant Time: Jun 12 05:52:15 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
Quant Title : SW846 8260
QLast Update : Fri May 29 02:14:10 2020
Response via : Initial Calibration

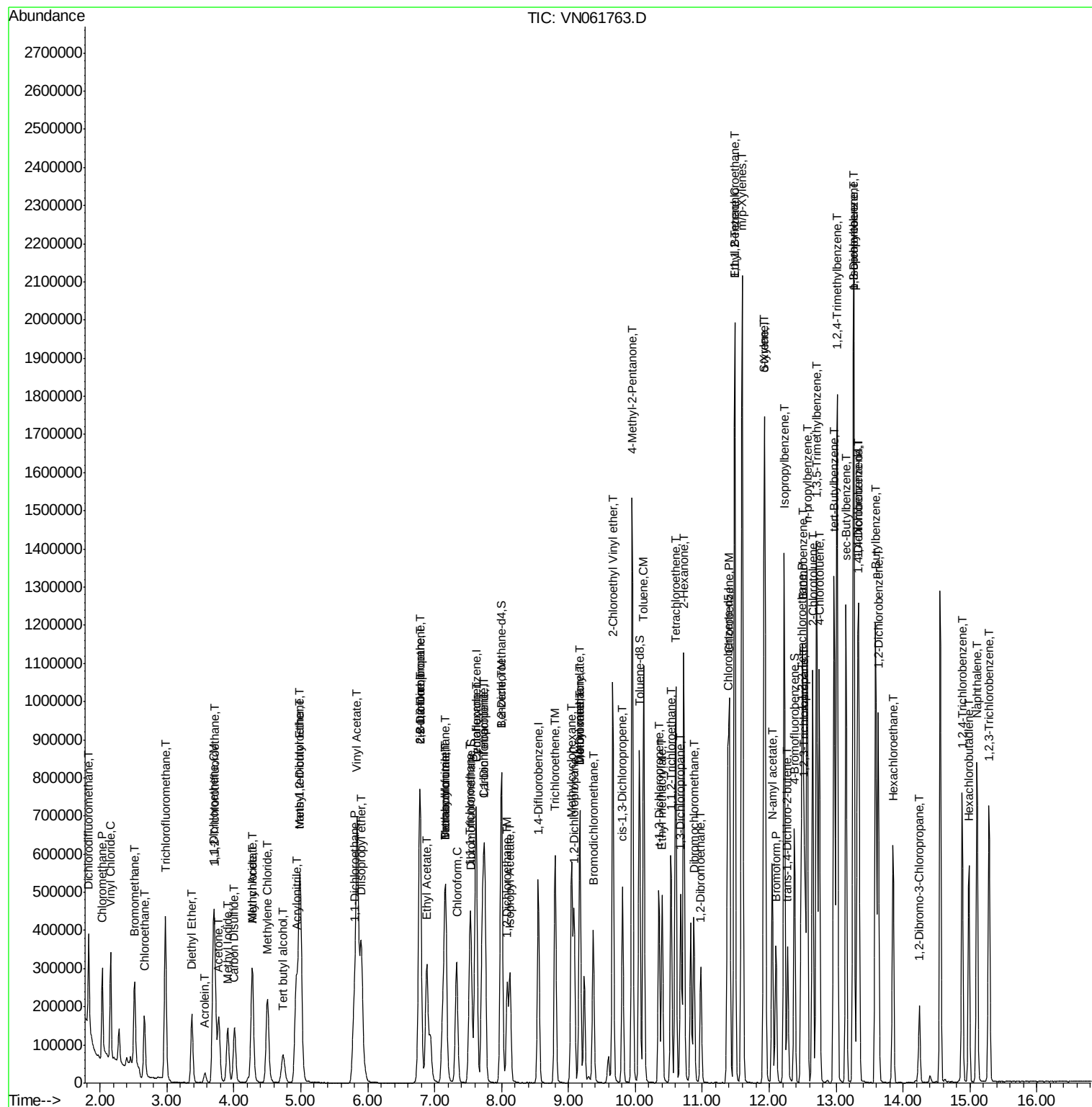
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	262289	55.121	ug/l	98
94) Hexachlorobutadiene	14.99	225	109659	54.035	ug/l	100
95) Naphthalene	15.10	128	742418	51.260	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	256466	54.818	ug/l	99

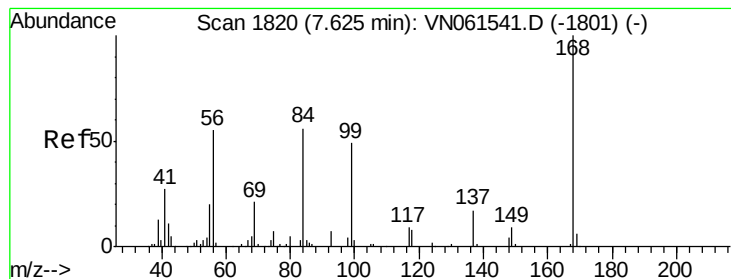
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN061120\
 Data File : VN061763.D
 Acq On : 11 Jun 2020 21:31
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 12 05:52:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

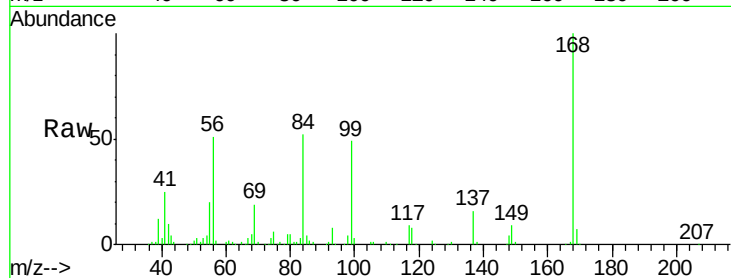
ClientSampleId :

Tot Ion:168 Resp: 333633

Ion Ratio Lower Upper

168 100

99 48.9 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

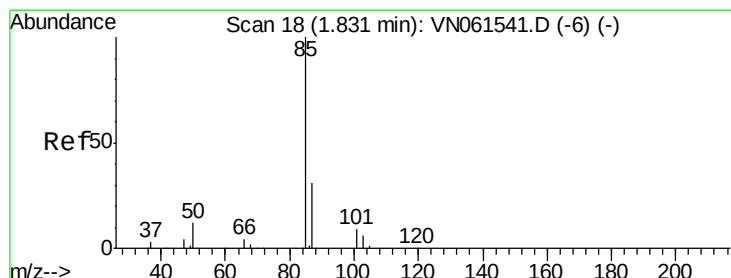
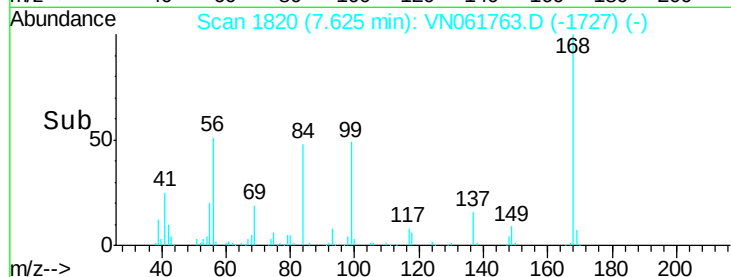
100000

50000

0

7.50 7.60 7.70

Time-->



#2

Dichlorodifluoromethane

Concen: 48.478 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061763.D

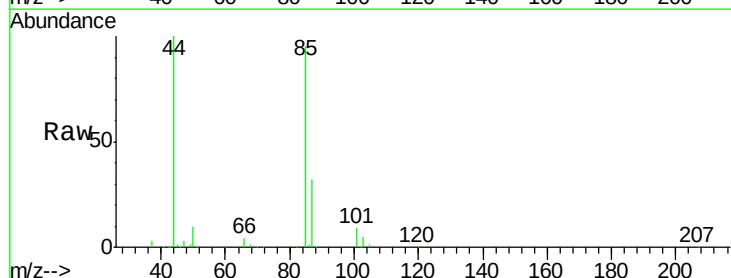
Acq: 11 Jun 2020 21:31

Tgt Ion: 85 Resp: 186605

Ion Ratio Lower Upper

85 100

87 33.5 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

150000

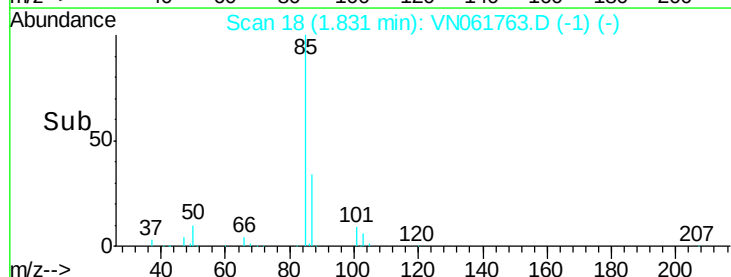
100000

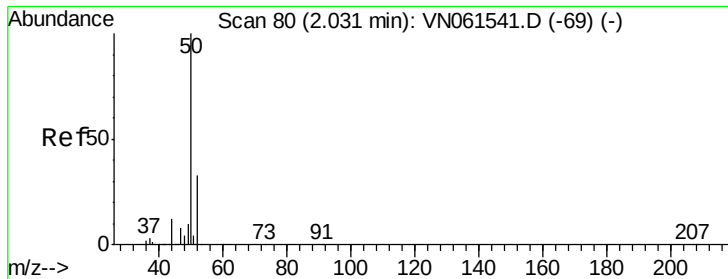
50000

0

1.75 1.80 1.85 1.90

Time-->





#3

Chloromethane

Concen: 43.126 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

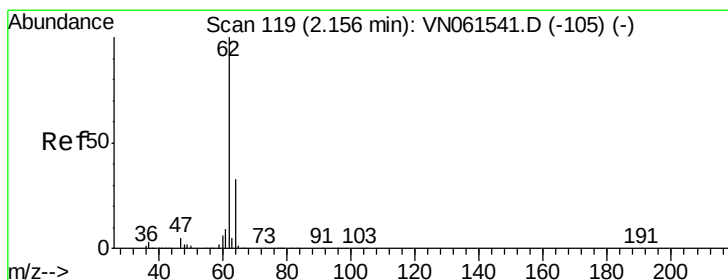
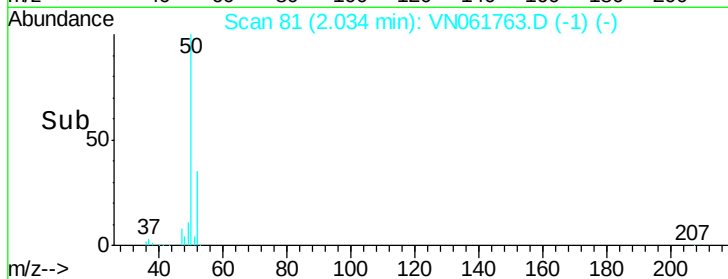
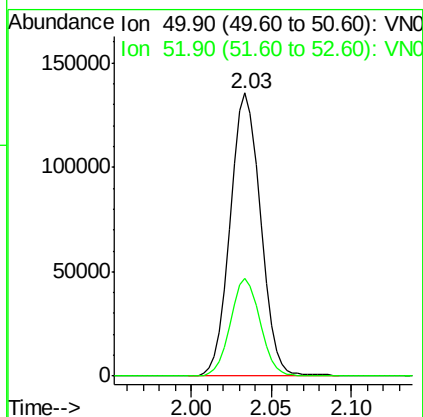
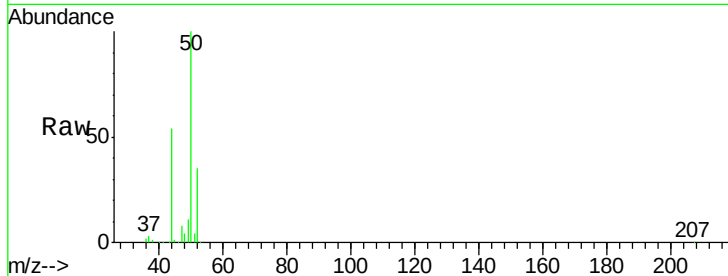
ClientSampled :

Tot Ion: 50 Resp: 175489

Ion Ratio Lower Upper

50 100

52 34.5 26.7 40.1



#4

Vinyl Chloride

Concen: 44.436 ug/l

RT: 2.16 min Scan# 119

Delta R.T. 0.00 min

Lab File: VN061763.D

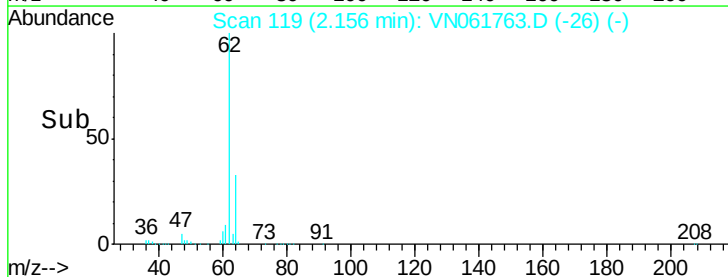
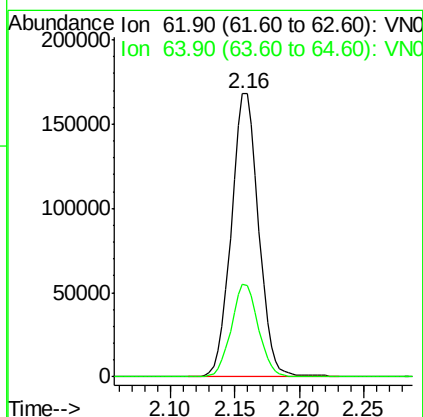
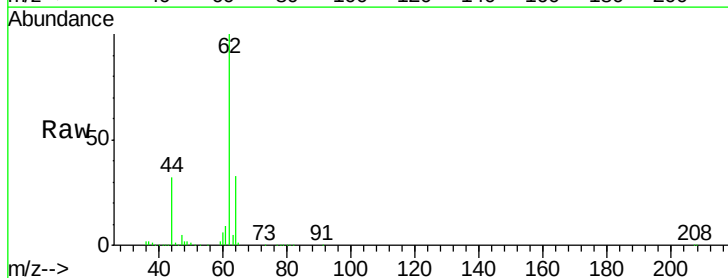
Acq: 11 Jun 2020 21:31

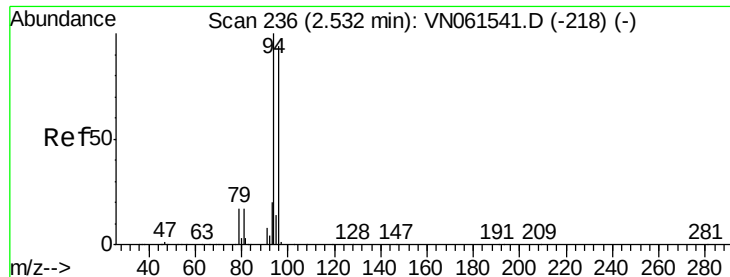
Tgt Ion: 62 Resp: 247793

Ion Ratio Lower Upper

62 100

64 32.6 26.2 39.2





#5

Bromomethane

Concen: 49.176 ug/l

RT: 2.52 min Scan# 231

Delta R.T. -0.02 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

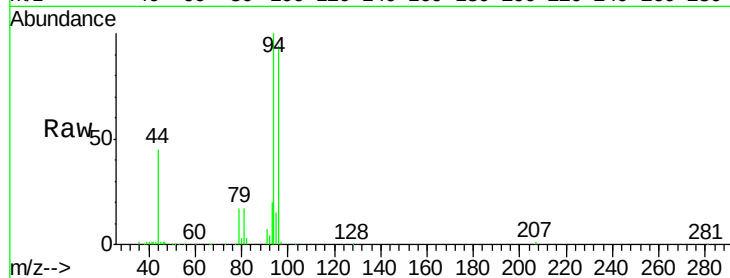
ClientSampleId :

Tot Ion: 94 Resp: 157353

Ion Ratio Lower Upper

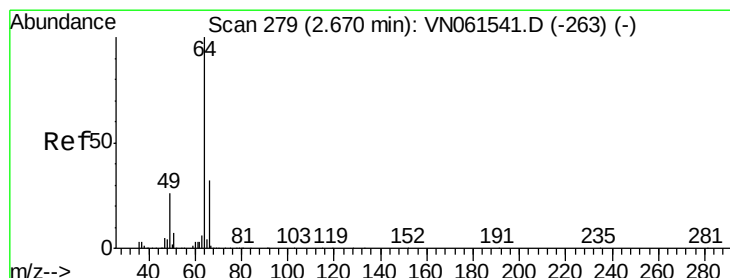
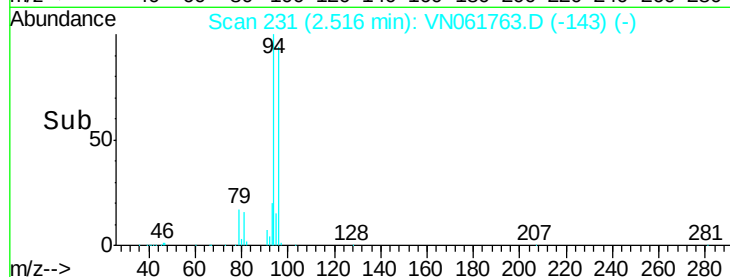
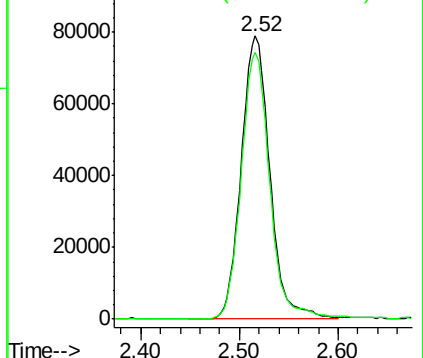
94 100

96 94.1 74.8 112.2



Abundance Ion 93.90 (93.60 to 94.60): VN0

Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.656 ug/l

RT: 2.66 min Scan# 276

Delta R.T. -0.01 min

Lab File: VN061763.D

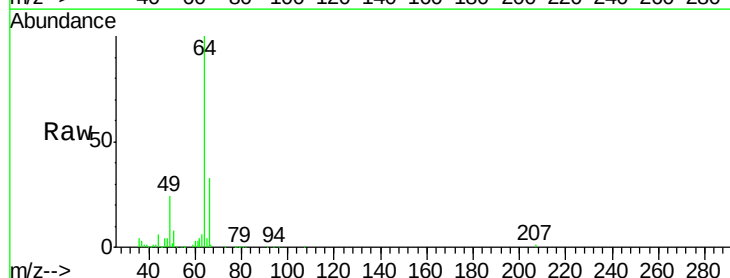
Acq: 11 Jun 2020 21:31

Tgt Ion: 64 Resp: 167464

Ion Ratio Lower Upper

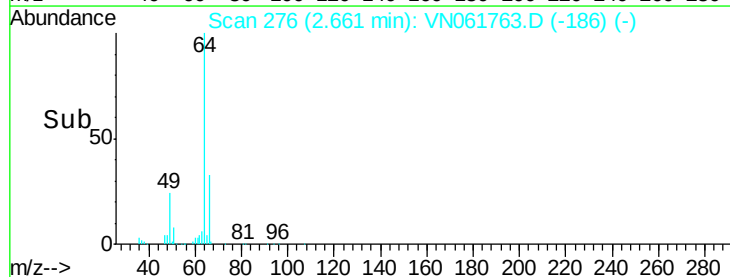
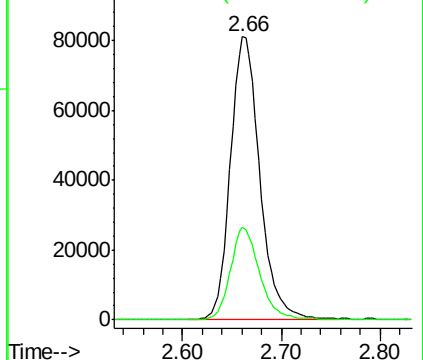
64 100

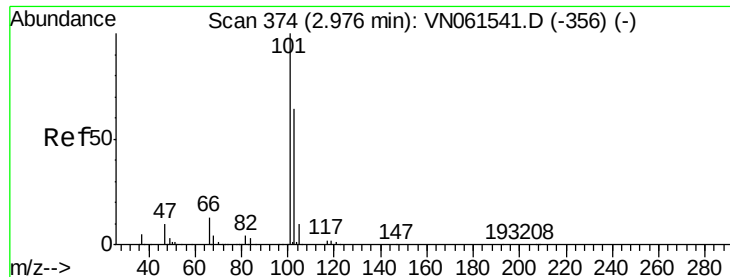
66 32.4 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



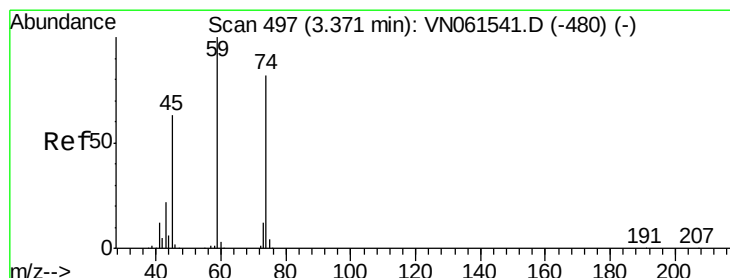
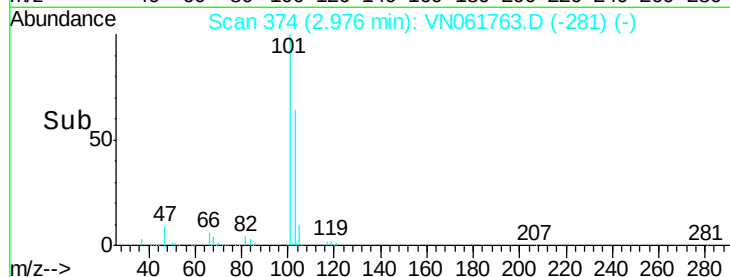
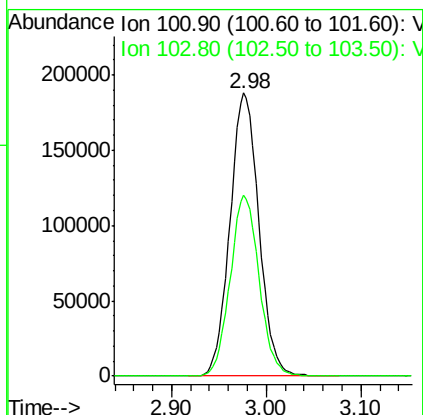
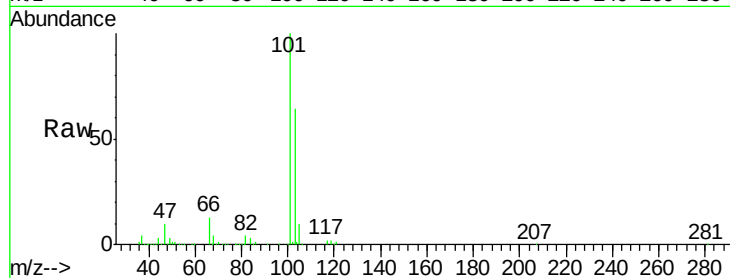


#7

Trichlorofluoromethane
Concen: 55.615 ug/l
RT: 2.98 min Scan# 374
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampleId :

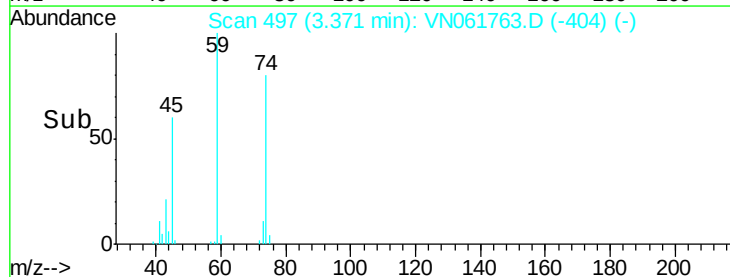
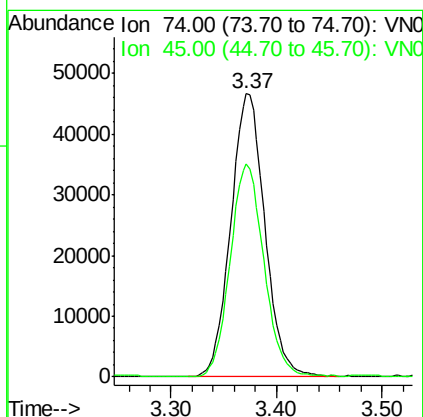
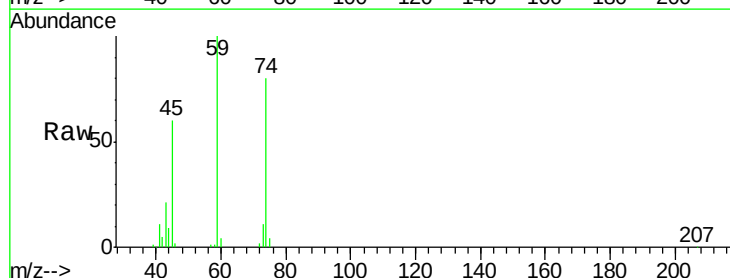
Tot Ion:101 Resp: 399920
Ion Ratio Lower Upper
101 100
103 63.6 51.4 77.2

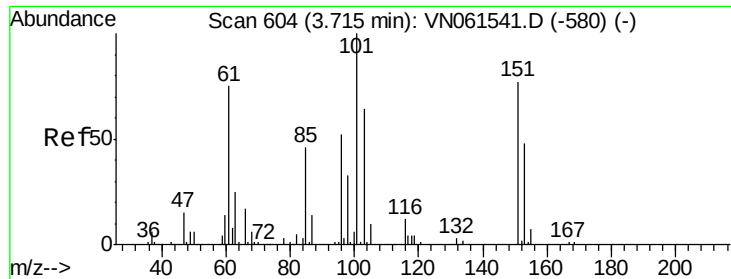


#8

Diethyl Ether
Concen: 47.627 ug/l
RT: 3.37 min Scan# 497
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion: 74 Resp: 104723
Ion Ratio Lower Upper
74 100
45 74.3 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.323 ug/l

RT: 3.72 min Scan# 604

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

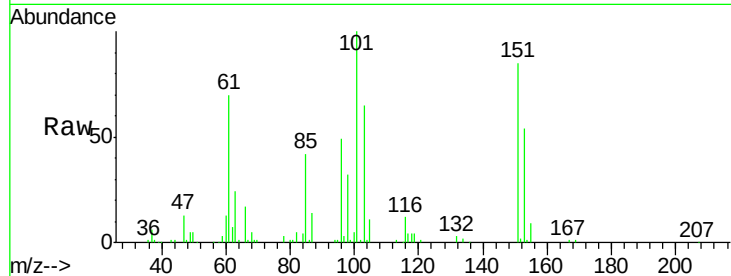
Tot Ion:101 Resp: 163772

Ion Ratio Lower Upper

101 100

85 42.0 35.2 52.8

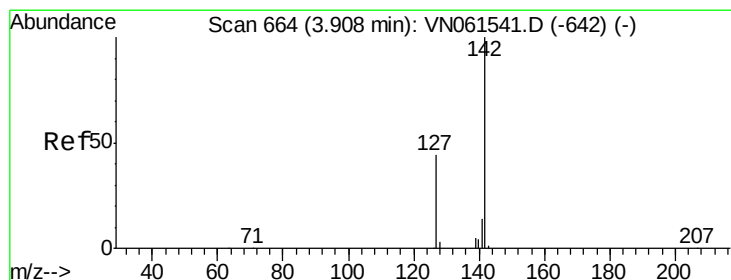
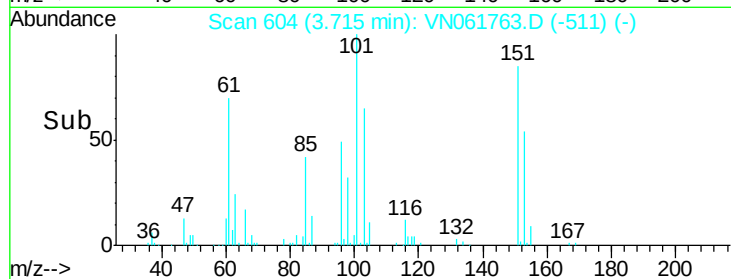
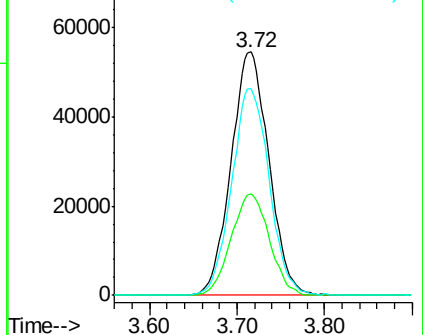
151 84.3 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 52.023 ug/l

RT: 3.91 min Scan# 664

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

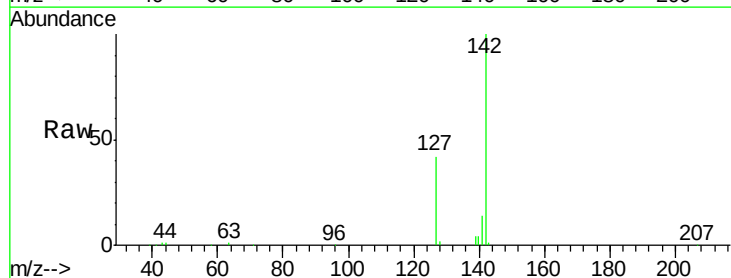
Tgt Ion:142 Resp: 230444

Ion Ratio Lower Upper

142 100

127 42.2 35.5 53.3

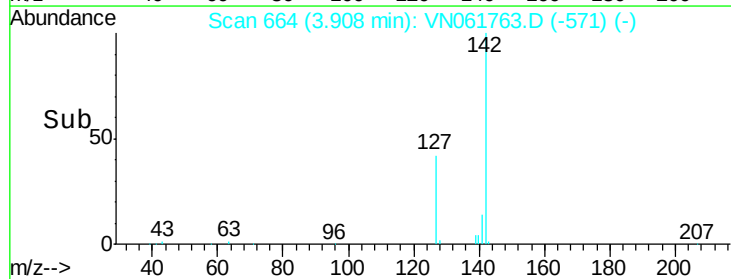
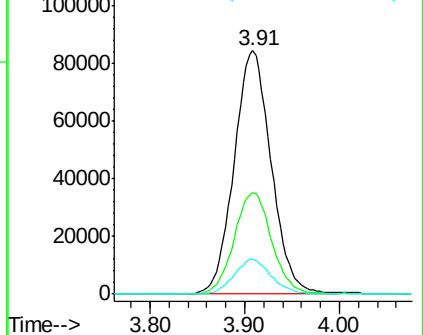
141 14.3 11.5 17.3

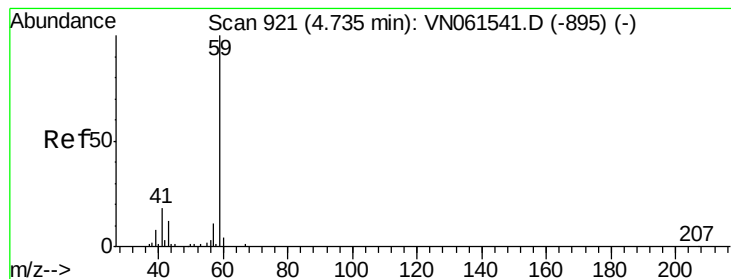


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



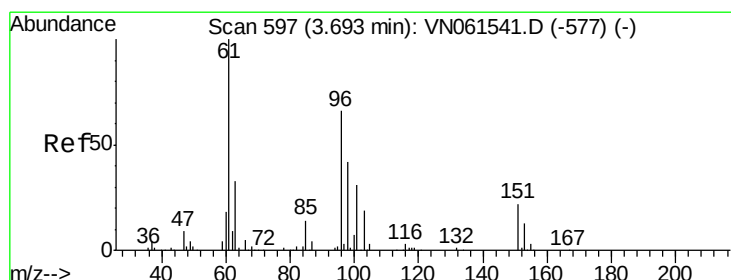
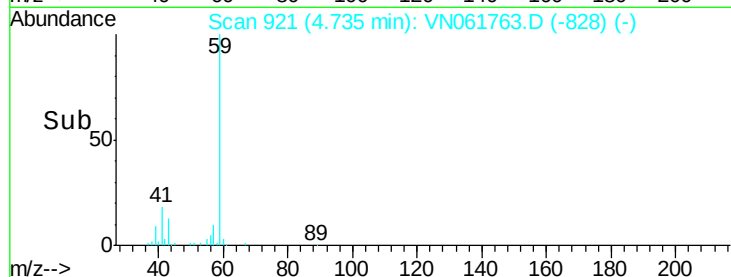
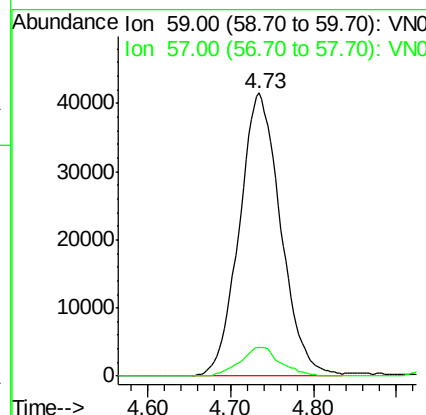
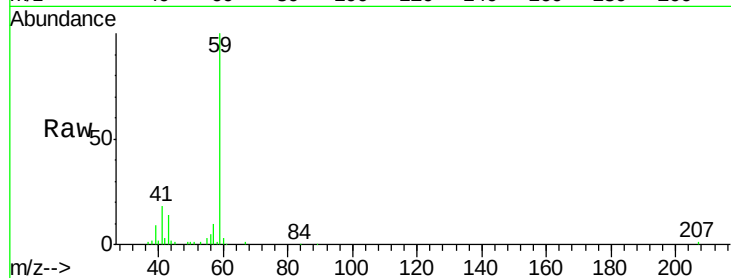


#11

Tert butyl alcohol
Concen: 272.490 ug/l
RT: 4.73 min Scan# 921
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampled :

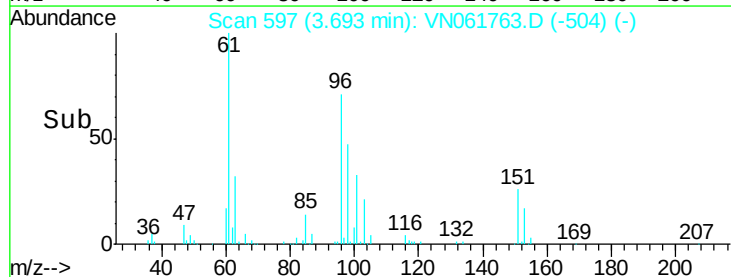
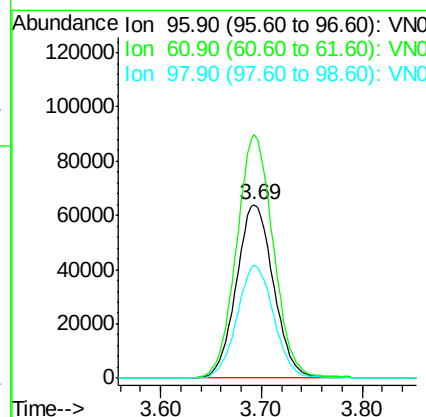
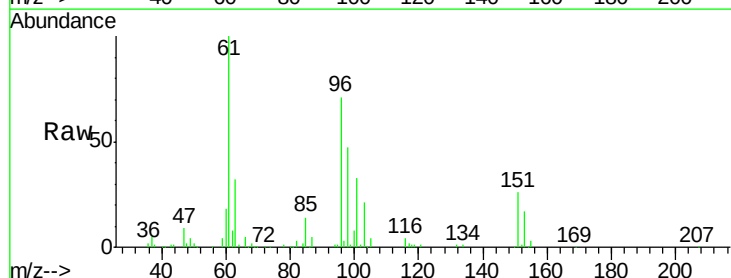
Tot Ion: 59 Resp: 144072
Ion Ratio Lower Upper
59 100
57 9.9 8.4 12.6

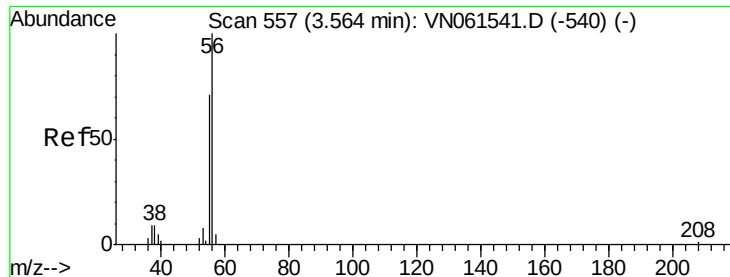


#12

1,1-Dichloroethene
Concen: 47.964 ug/l
RT: 3.69 min Scan# 597
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion: 96 Resp: 163516
Ion Ratio Lower Upper
96 100
61 140.3 120.5 180.7
98 65.4 50.8 76.2





#13

Acrolein

Concen: 190.122 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

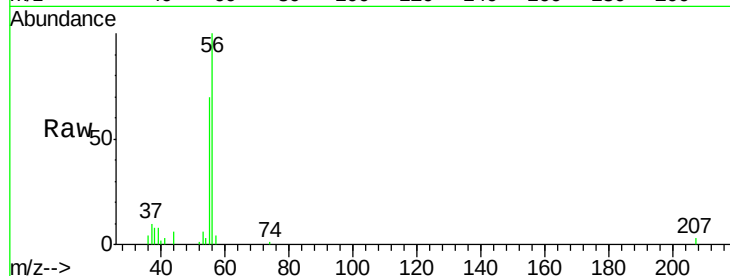
ClientSampled :

Tot Ion: 56 Resp: 30244

Ion Ratio Lower Upper

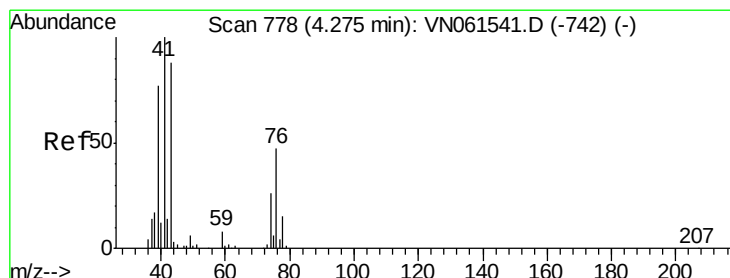
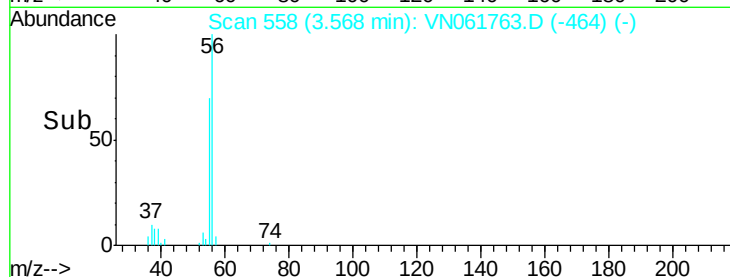
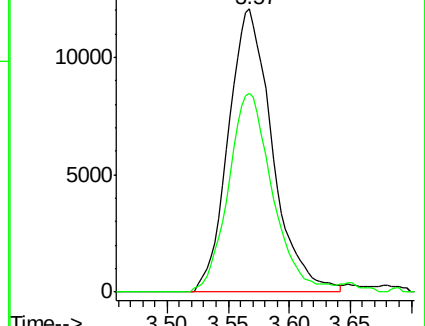
56 100

55 70.2 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN061541.D (-540) (-)

Ion 55.00 (54.70 to 55.70): VN061541.D (-540) (-)



#14

Allyl chloride

Concen: 44.225 ug/l

RT: 4.27 min Scan# 778

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

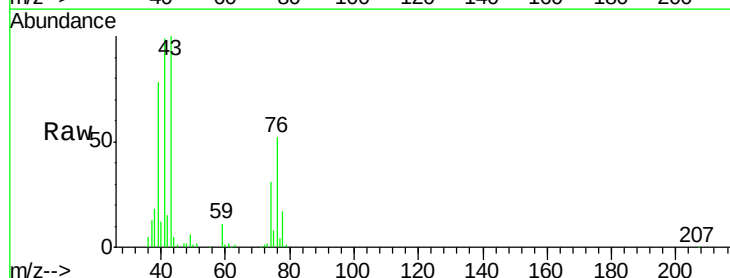
Tgt Ion: 41 Resp: 197108

Ion Ratio Lower Upper

41 100

39 71.2 58.6 88.0

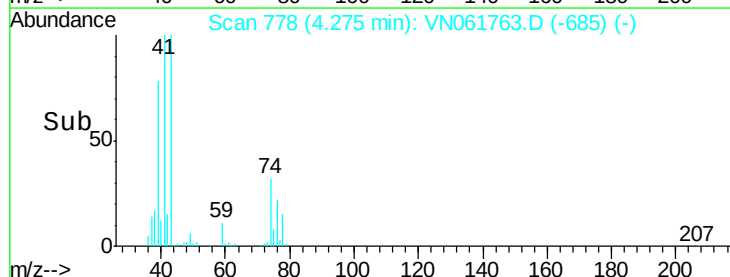
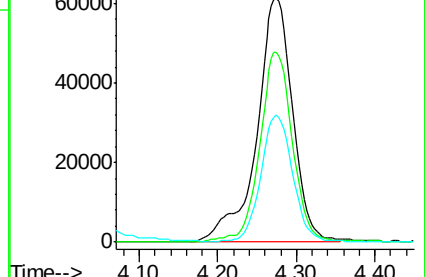
76 45.5 34.2 51.4

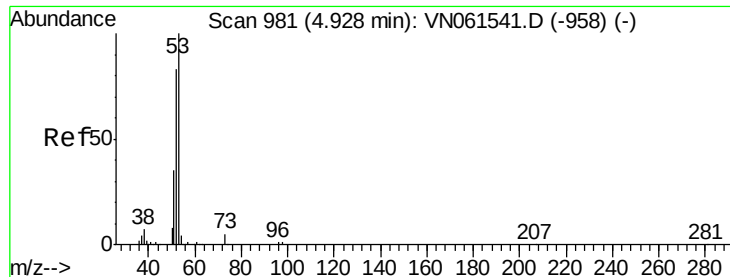


Abundance Ion 41.00 (40.70 to 41.70): VN061541.D (-742) (-)

Ion 39.00 (38.70 to 39.70): VN061541.D (-742) (-)

Ion 75.90 (75.60 to 76.60): VN061541.D (-742) (-)





#15

Acrylonitrile

Concen: 240.960 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampled :

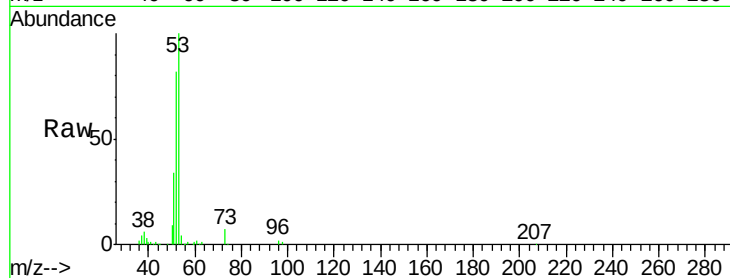
Tot Ion: 53 Resp: 355604

Ion Ratio Lower Upper

53 100

52 81.1 65.4 98.2

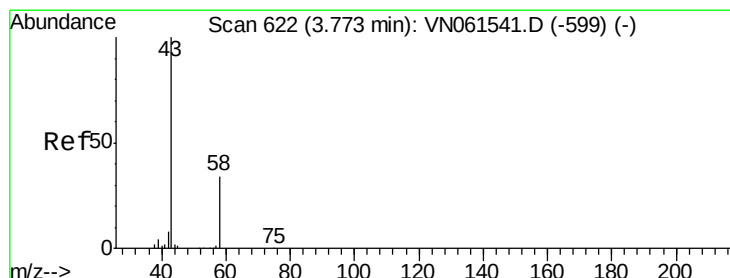
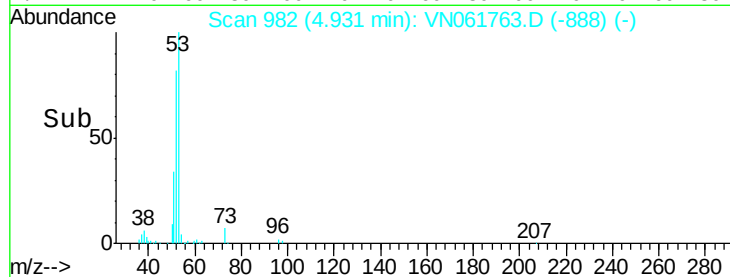
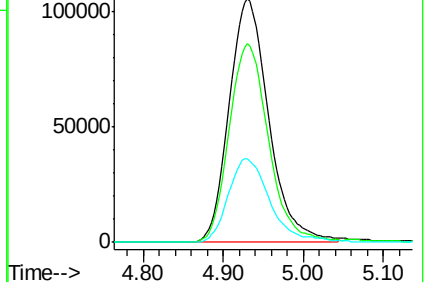
51 36.2 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN061763.D (-982) (-)

Ion 52.00 (51.70 to 52.70): VN061763.D (-982) (-)

Ion 51.00 (50.70 to 51.70): VN061763.D (-982) (-)



#16

Acetone

Concen: 240.173 ug/l

RT: 3.77 min Scan# 622

Delta R.T. 0.00 min

Lab File: VN061763.D

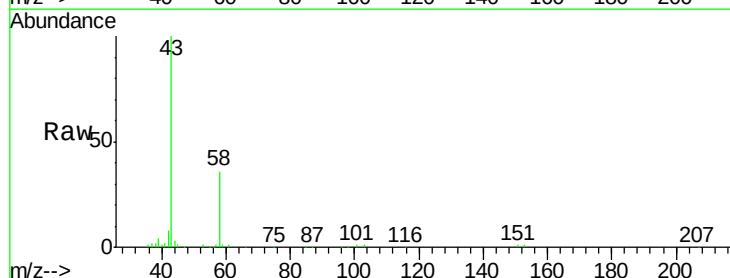
Acq: 11 Jun 2020 21:31

Tgt Ion: 43 Resp: 263380

Ion Ratio Lower Upper

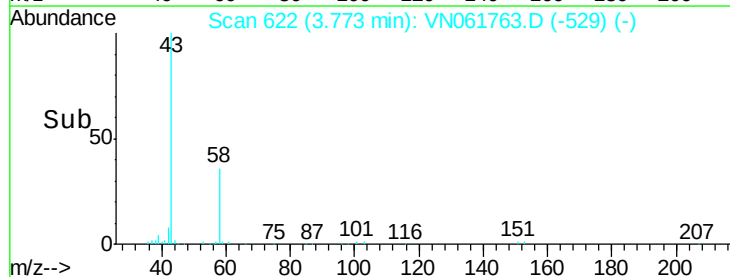
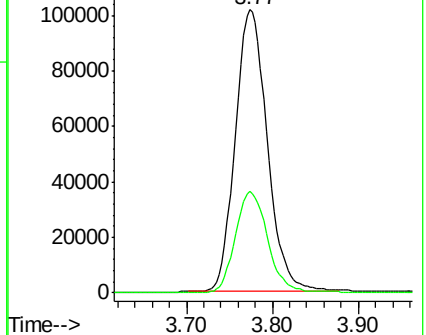
43 100

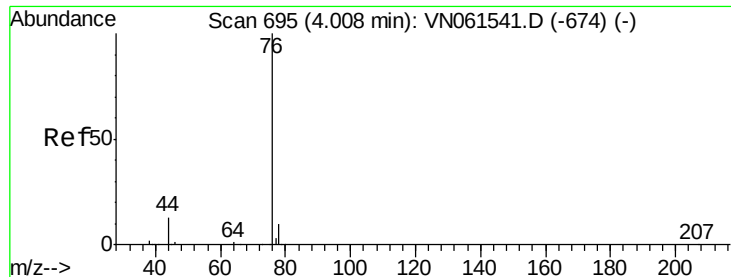
58 36.0 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN061763.D (-622) (-)

Ion 58.00 (57.70 to 58.70): VN061763.D (-622) (-)

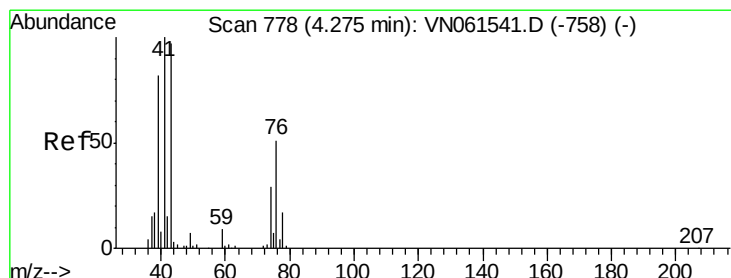
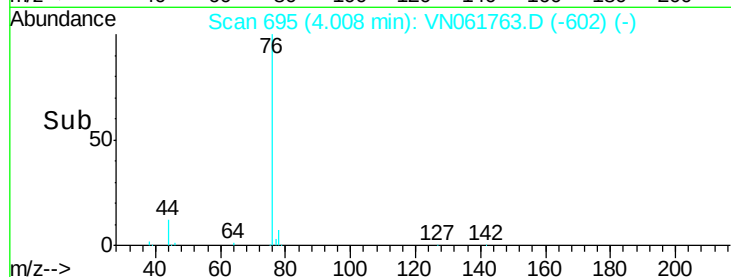
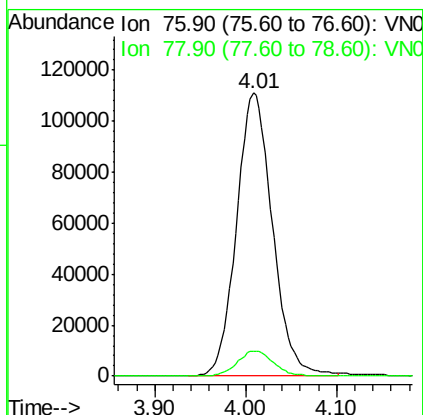
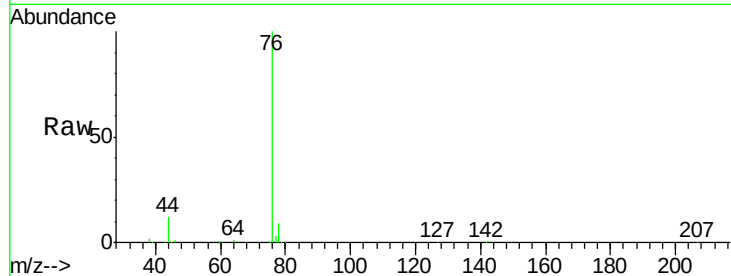




#17
Carbon Disulfide
Concen: 40.665 ug/l
RT: 4.01 min Scan# 695
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

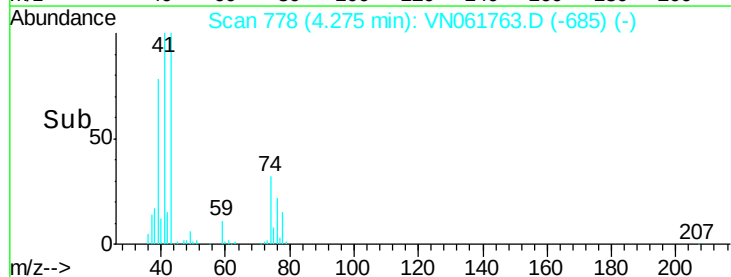
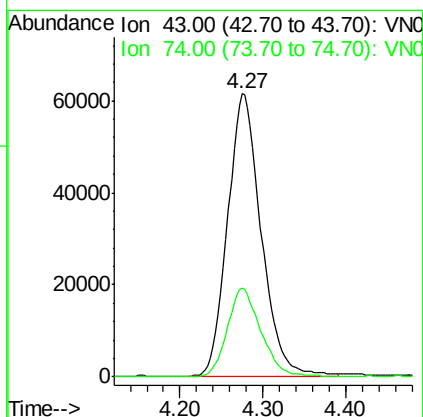
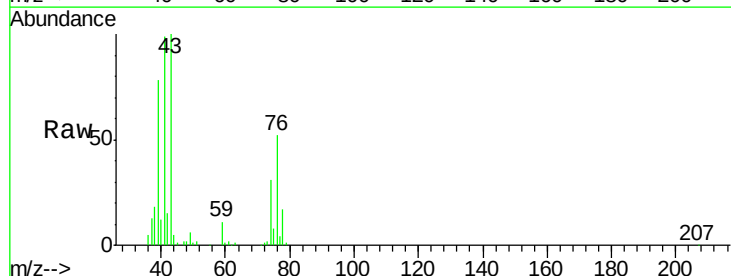
Instrument :
MSVOA_N
ClientSampled :

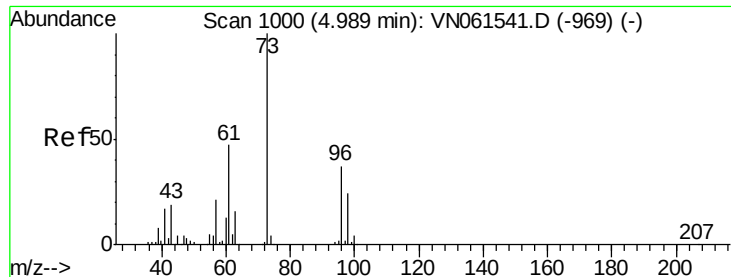
Tot Ion: 76 Resp: 305007
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.6



#18
Methyl Acetate
Concen: 48.465 ug/l
RT: 4.27 min Scan# 778
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion: 43 Resp: 174397
Ion Ratio Lower Upper
43 100
74 31.2 23.2 34.8





#19

Methvl tert-butyl Ether

Concen: 47.304 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

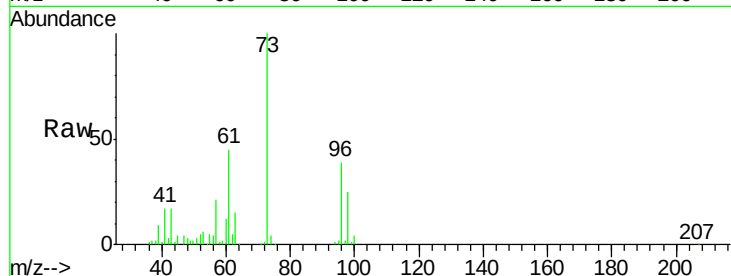
ClientSampleId :

Tot Ion: 73 Resp: 549615

Ion Ratio Lower Upper

73 100

57 20.7 16.4 24.6



Abundance Ion 73.00 (72.70 to 73.70): VN061763.D (-907) (-)

Ion 57.00 (56.70 to 57.70): VN061763.D (-907) (-)

4.99

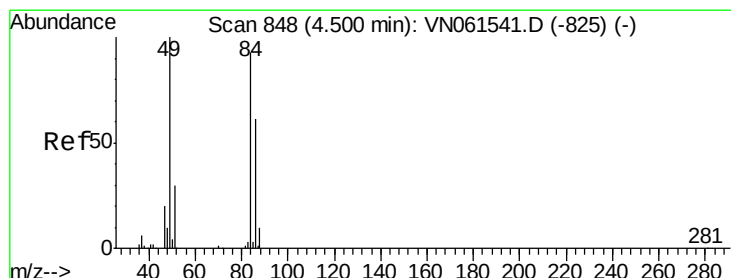
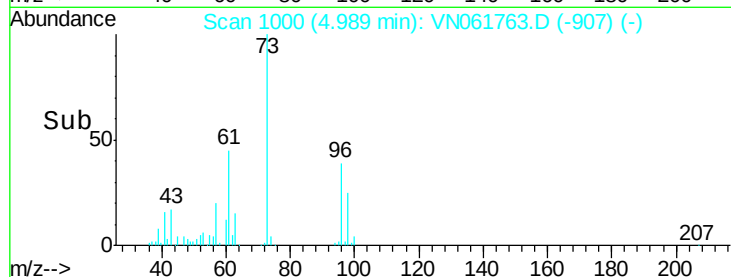
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 52.021 ug/l

RT: 4.50 min Scan# 849

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Tgt Ion: 84 Resp: 187697

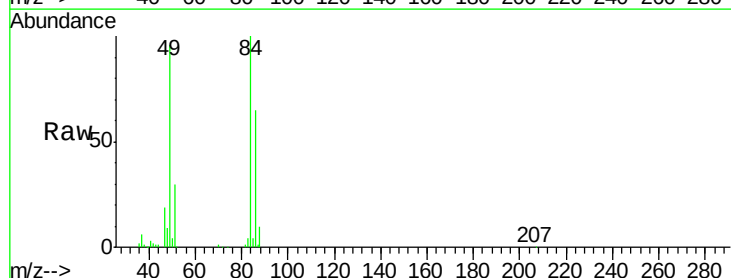
Ion Ratio Lower Upper

84 100

49 95.7 85.8 128.8

51 30.2 26.2 39.2

86 64.8 52.6 78.8



Abundance Ion 83.90 (83.60 to 84.60): VN061763.D (-754) (-)

Ion 48.90 (48.60 to 49.60): VN061763.D (-754) (-)

Ion 50.90 (50.60 to 51.60): VN061763.D (-754) (-)

Ion 85.90 (85.60 to 86.60): VN061763.D (-754) (-)

4.50

80000

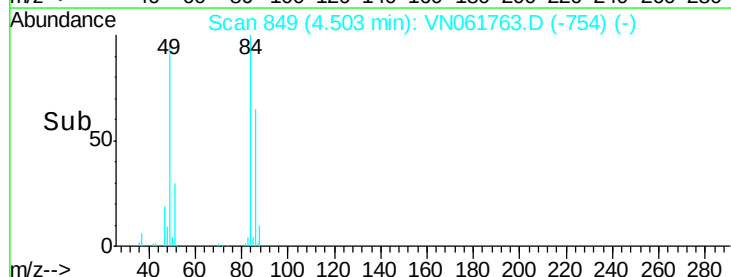
60000

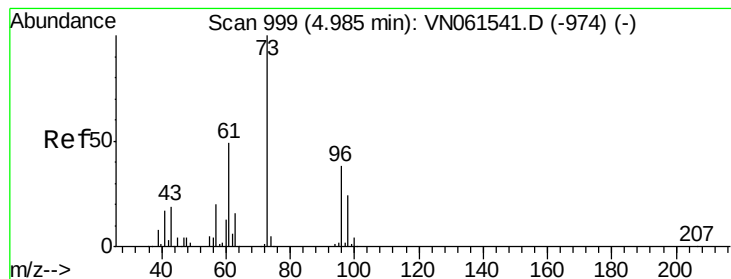
40000

20000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 48.061 ug/l

RT: 4.99 min Scan# 1000

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

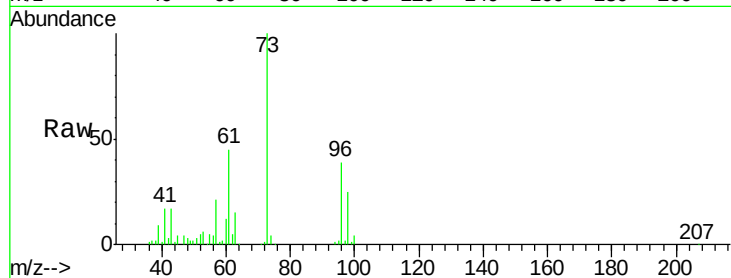
Tot Ion: 96 Resp: 184779

Ion Ratio Lower Upper

96 100

61 114.2 101.4 152.0

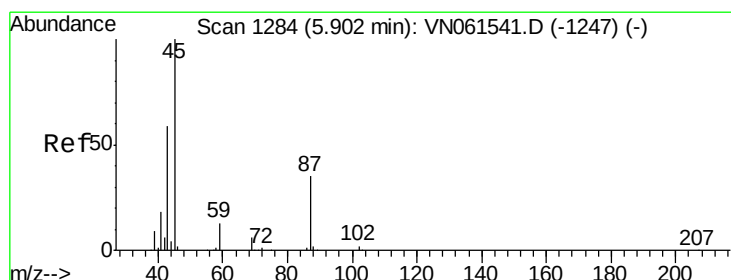
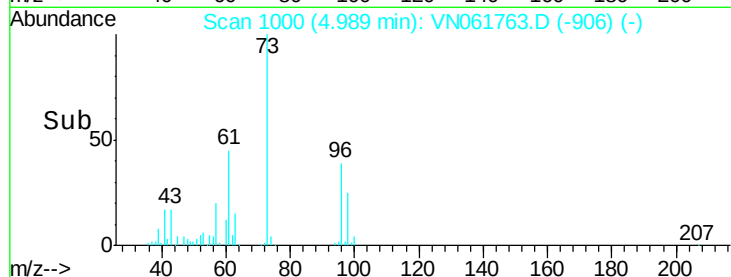
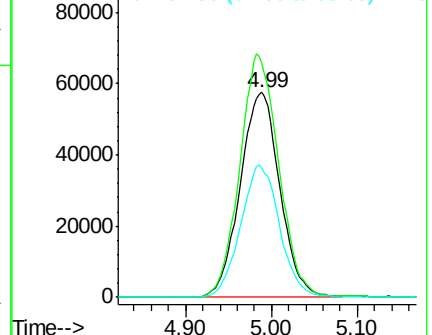
98 63.1 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061763.D (-1000) (-)

Ion 60.90 (60.60 to 61.60): VN061763.D (-1000) (-)

Ion 97.90 (97.60 to 98.60): VN061763.D (-1000) (-)



#22

Diisopropyl ether

Concen: 47.213 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Tgt Ion: 45 Resp: 463782

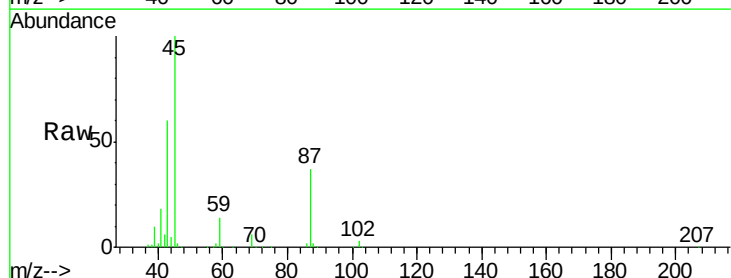
Ion Ratio Lower Upper

45 100

43 59.3 47.9 71.9

87 37.2 28.4 42.6

59 13.8 10.5 15.7

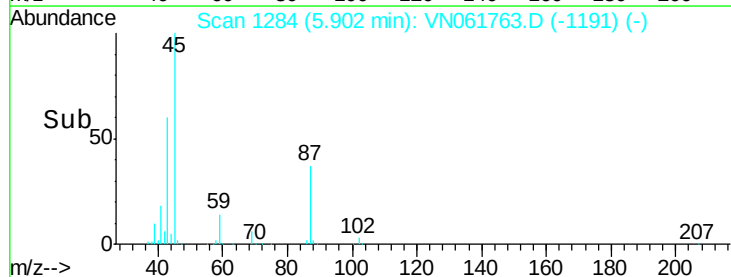
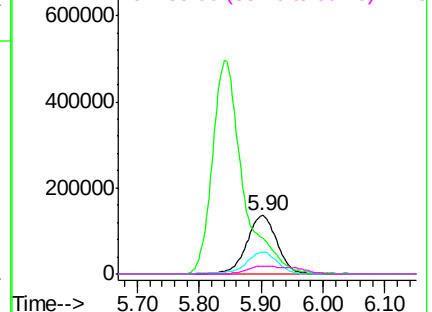


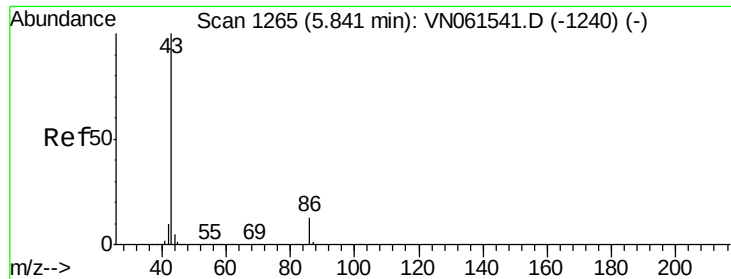
Abundance Ion 45.00 (44.70 to 45.70): VN061763.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061763.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061763.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061763.D (-1191) (-)

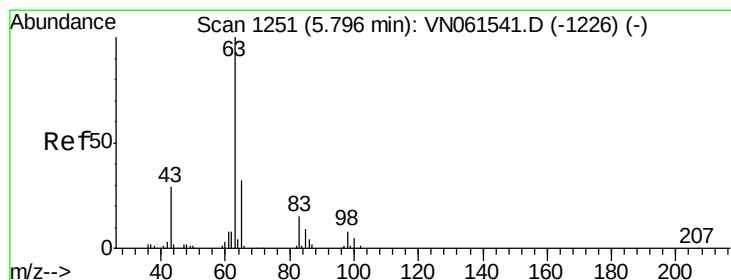
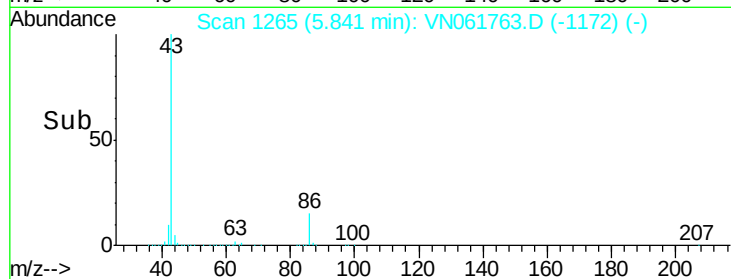
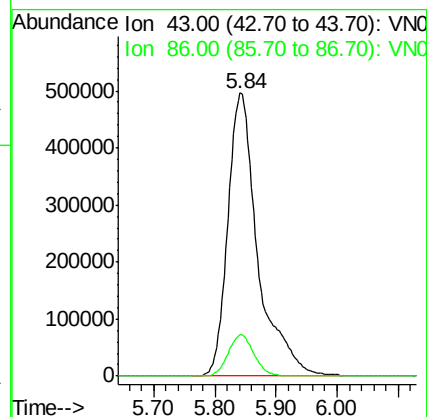
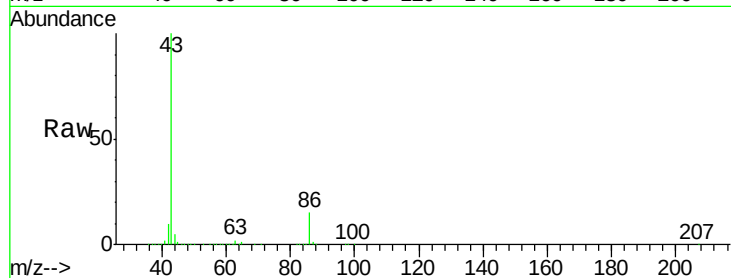




#23
 Vinyl Acetate
 Concen: 216.693 ug/l
 RT: 5.84 min Scan# 1265
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

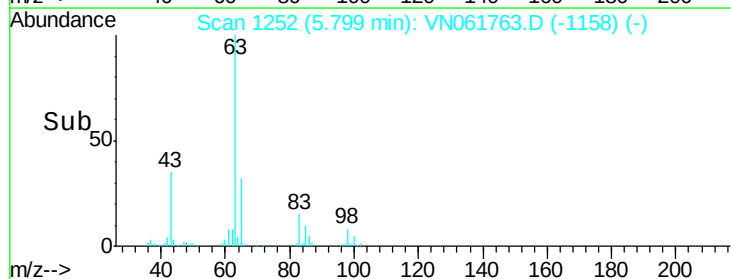
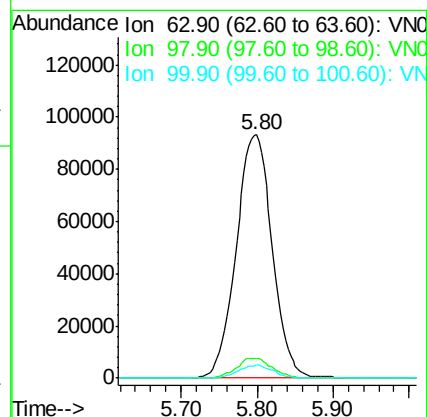
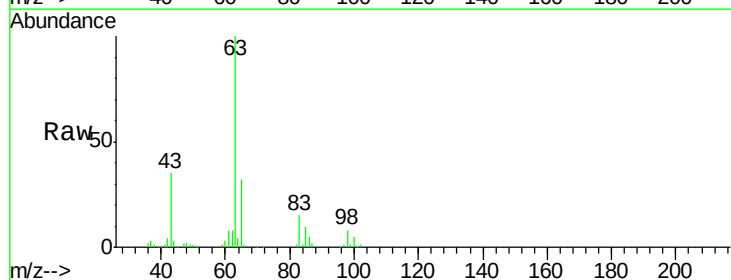
Instrument :
 MSVOA_N
 ClientSampled :

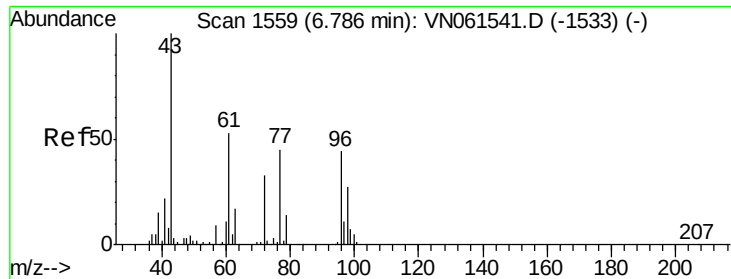
Tot Ion: 43 Resp: 1696566
 Ion Ratio Lower Upper
 43 100
 86 14.8 10.6 16.0



#24
 1,1-Dichloroethane
 Concen: 49.190 ug/l
 RT: 5.80 min Scan# 1252
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Tgt Ion: 63 Resp: 306408
 Ion Ratio Lower Upper
 63 100
 98 8.2 3.8 11.4
 100 5.4 2.5 7.6





#25

2-Butanone

Concen: 224.028 ug/l

RT: 6.78 min Scan# 1558

Delta R.T. -0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

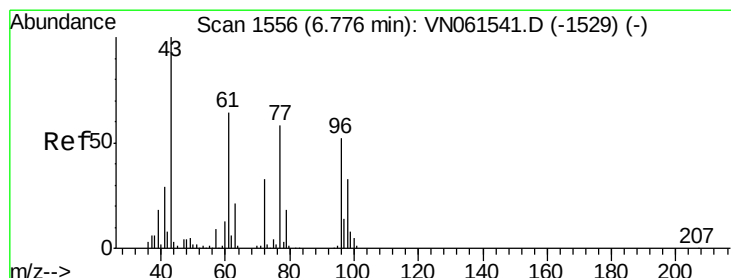
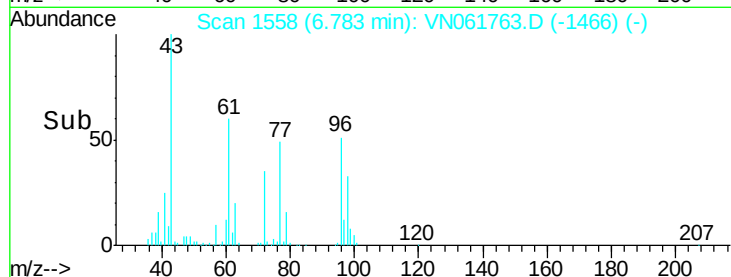
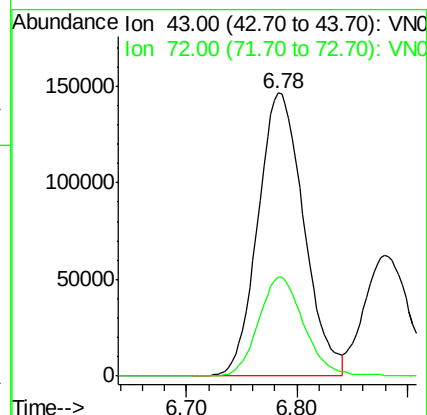
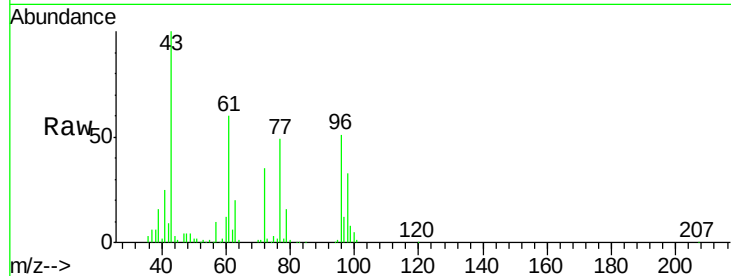
ClientSampled :

Tot Ion: 43 Resp: 422041

Ion Ratio Lower Upper

43 100

72 34.9 26.0 39.0



#26

2,2-Dichloropropane

Concen: 43.260 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.00 min

Lab File: VN061763.D

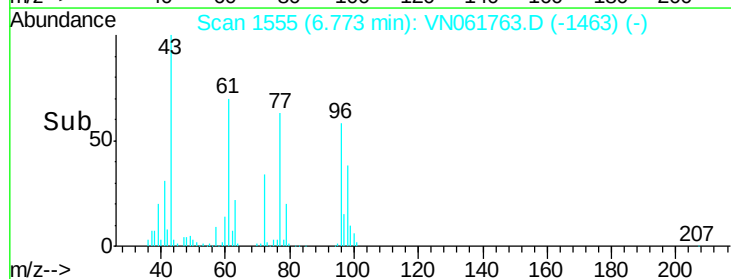
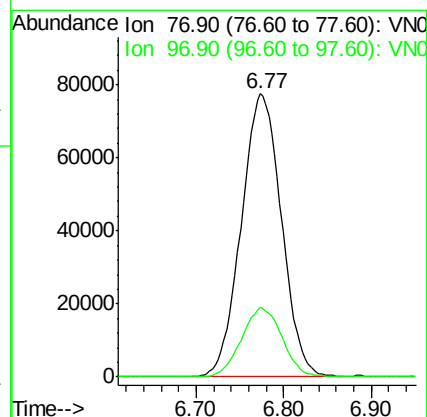
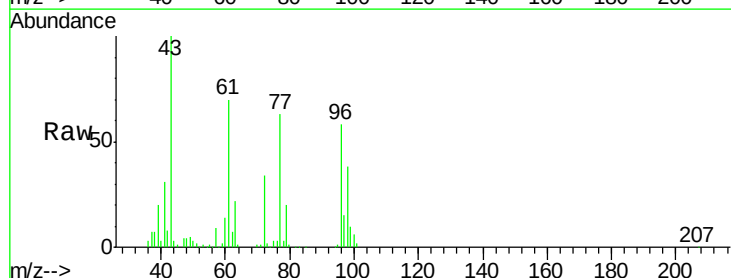
Acq: 11 Jun 2020 21:31

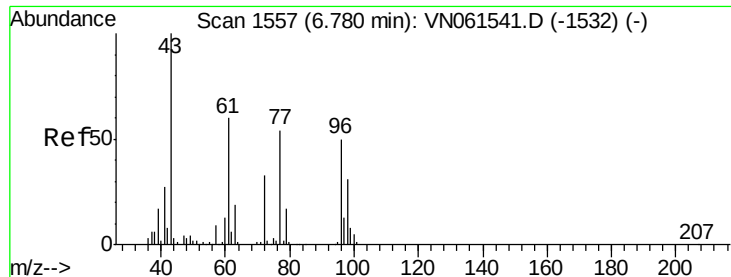
Tgt Ion: 77 Resp: 246638

Ion Ratio Lower Upper

77 100

97 24.7 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 50.020 ug/l

RT: 6.78 min Scan# 1557

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampled :

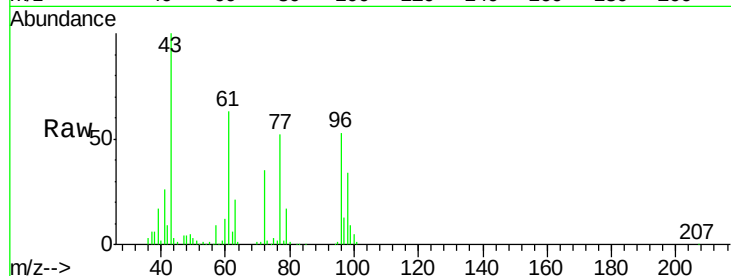
Tot Ion: 96 Resp: 217760

Ion Ratio Lower Upper

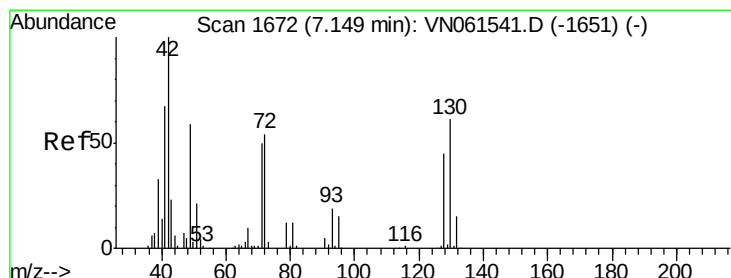
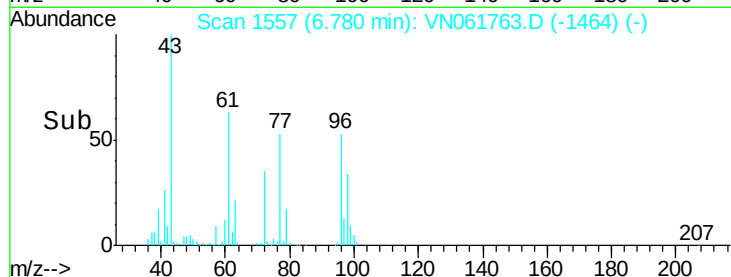
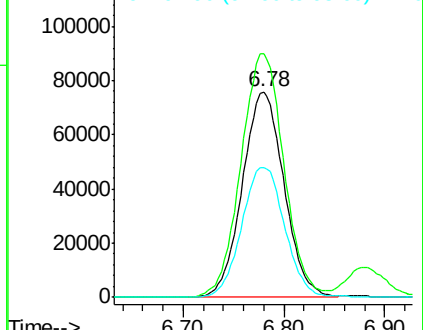
96 100

61 122.0 0.0 252.2

98 65.3 0.0 129.2



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: 46.451 ug/l

RT: 7.15 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

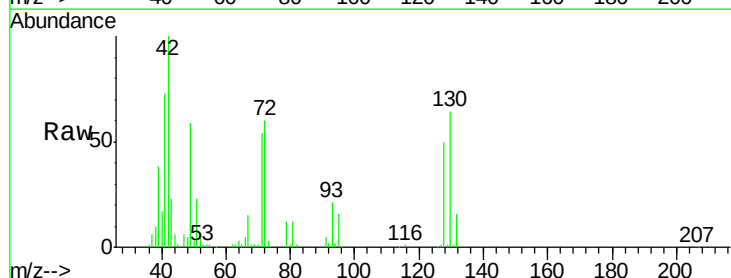
Tgt Ion: 49 Resp: 108856

Ion Ratio Lower Upper

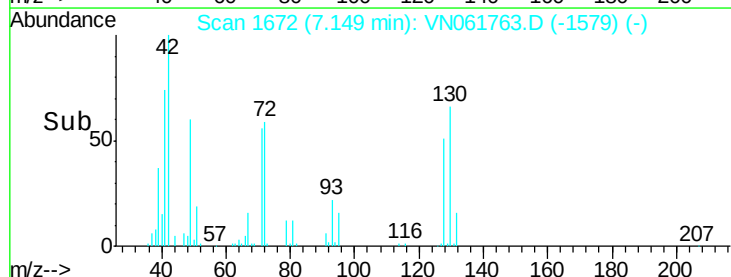
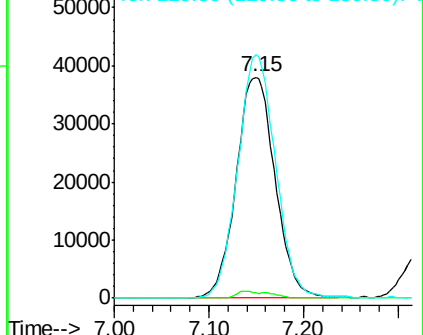
49 100

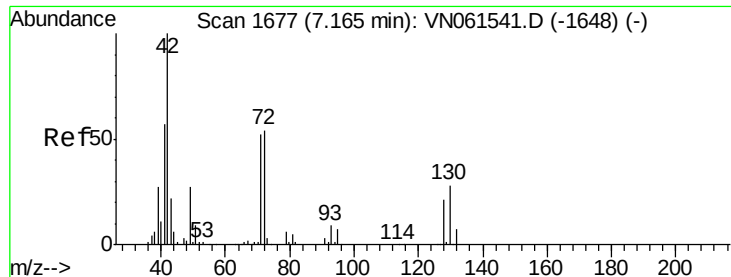
129 1.6 0.0 4.8

130 106.6 78.8 118.2



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

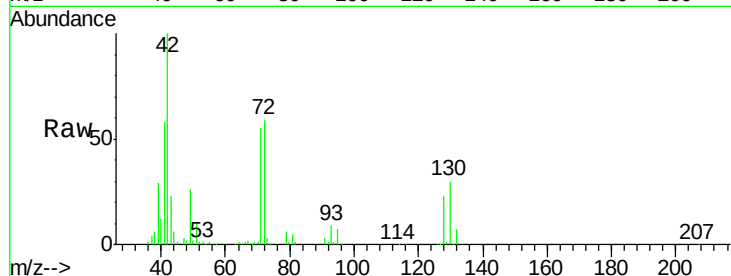




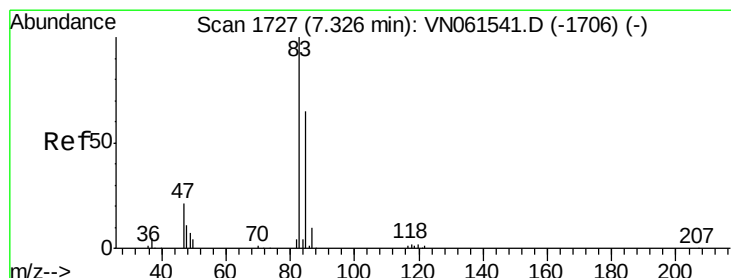
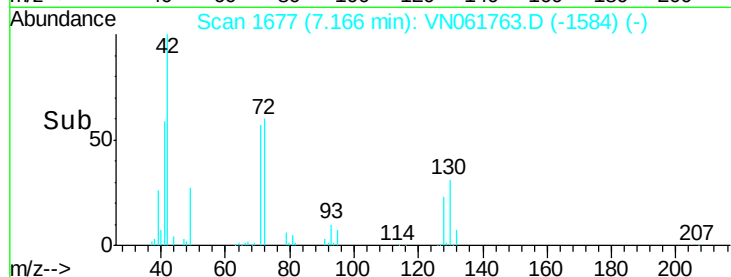
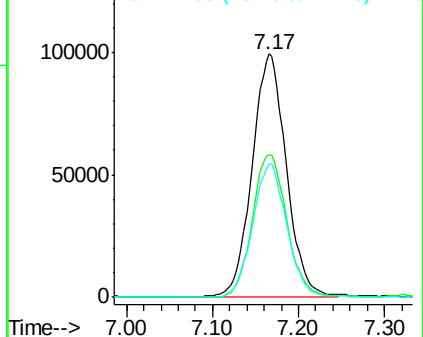
#29
Tetrahydrofuran
Concen: 220.544 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 42 Resp: 273973
Ion Ratio Lower Upper
42 100
72 59.3 43.6 65.4
71 54.9 41.2 61.8

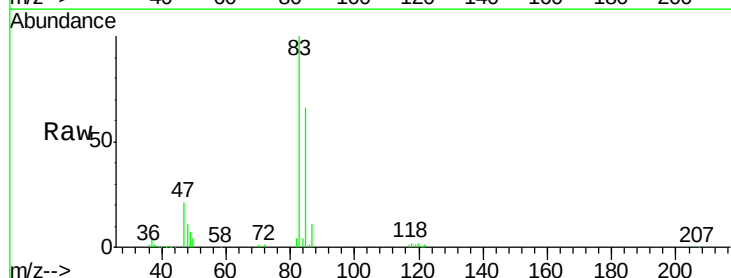


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

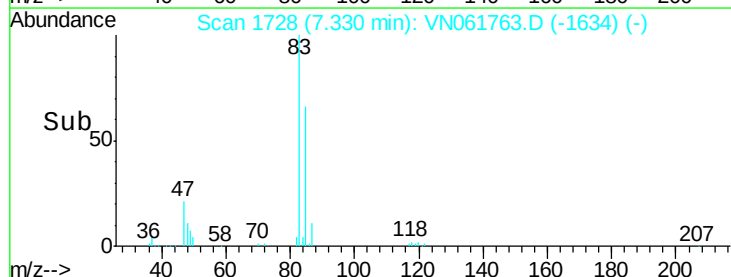
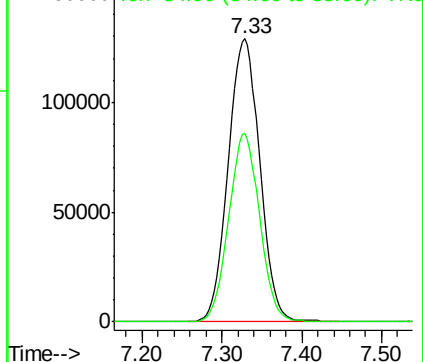


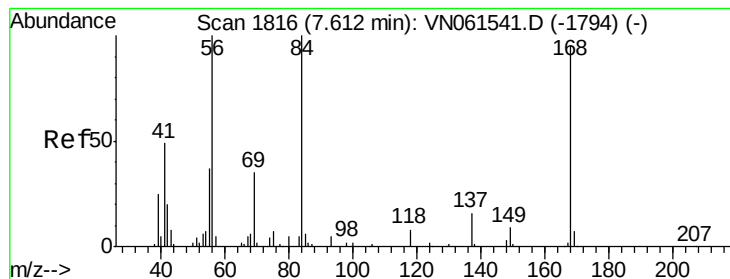
#30
Chloroform
Concen: 50.413 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion: 83 Resp: 347415
Ion Ratio Lower Upper
83 100
85 66.5 51.7 77.5



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





#31

Cyclohexane

Concen: 43.747 ug/l

RT: 7.61 min Scan# 1816

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

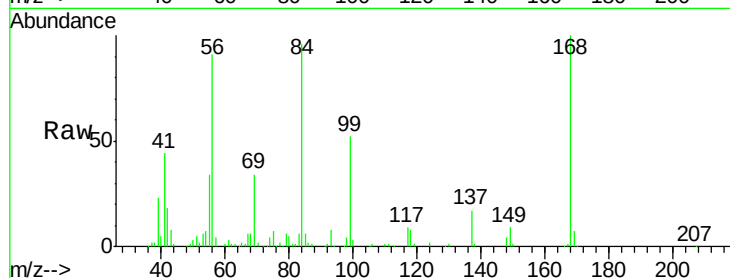
Tot Ion: 56 Resp: 245078

Ion Ratio Lower Upper

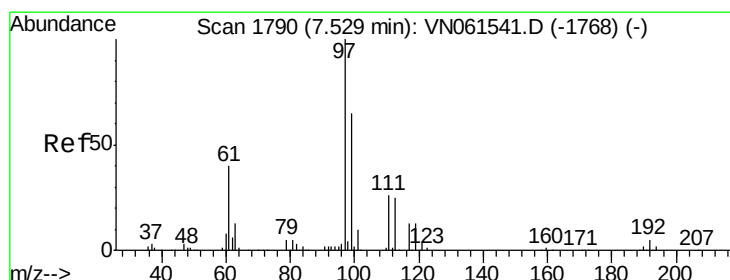
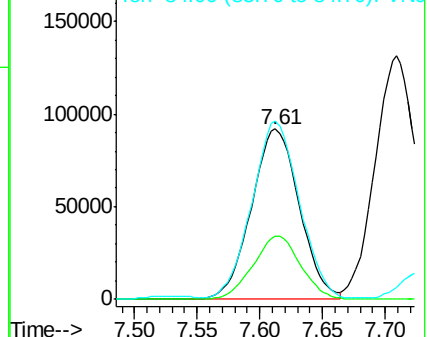
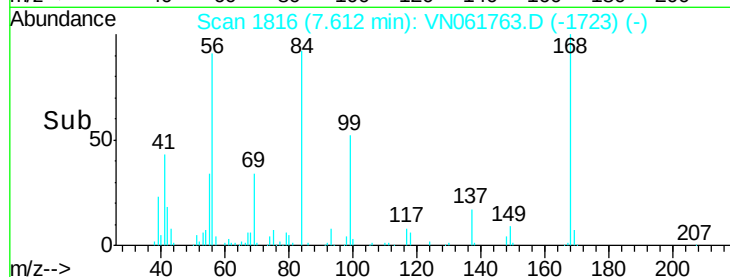
56 100

69 36.9 27.8 41.8

84 103.6 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061763.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 49.409 ug/l

RT: 7.53 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

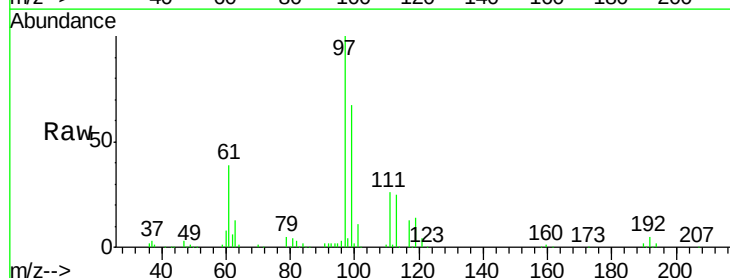
Tgt Ion: 97 Resp: 310261

Ion Ratio Lower Upper

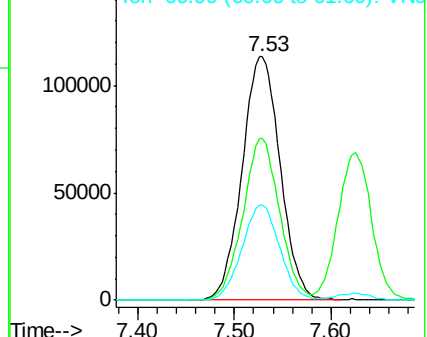
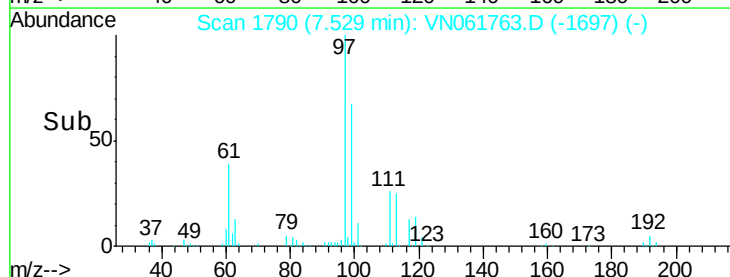
97 100

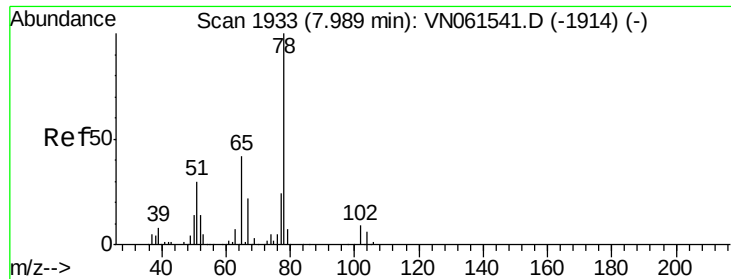
99 64.0 51.4 77.0

61 38.8 31.4 47.0



Abundance Ion 96.90 (96.60 to 97.60): VN061763.D (-1697) (-)

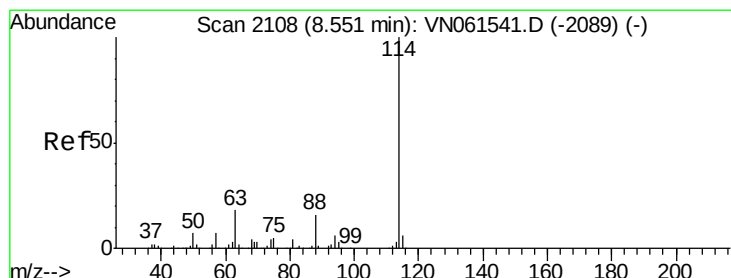
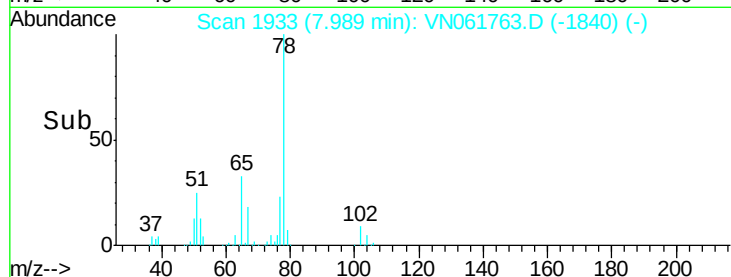
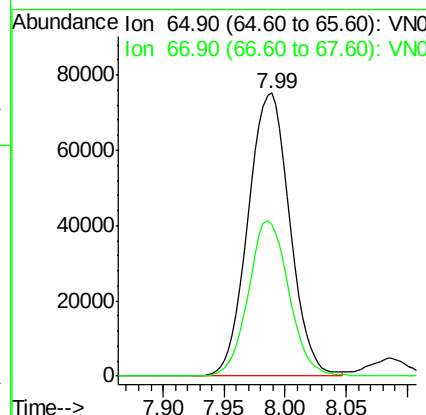
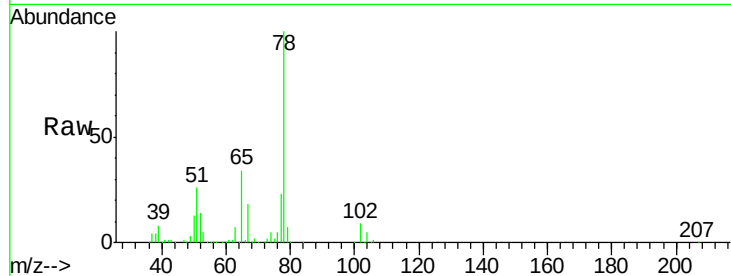




#33
 1,2-Dichloroethane-d4
 Concen: 44.815 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

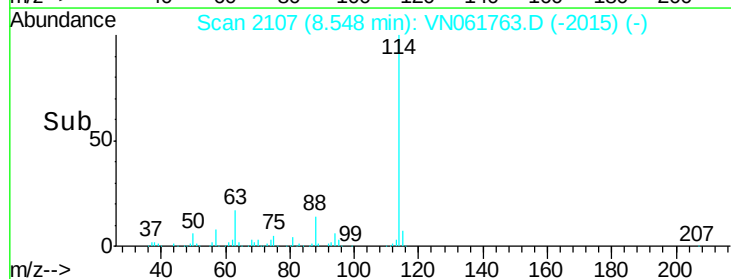
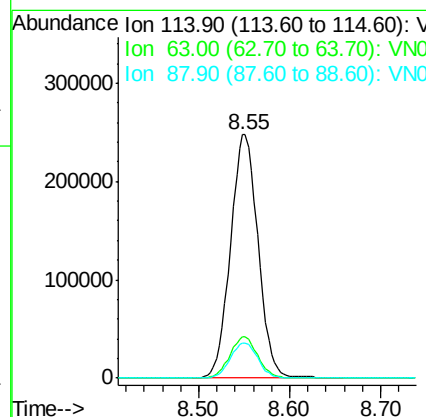
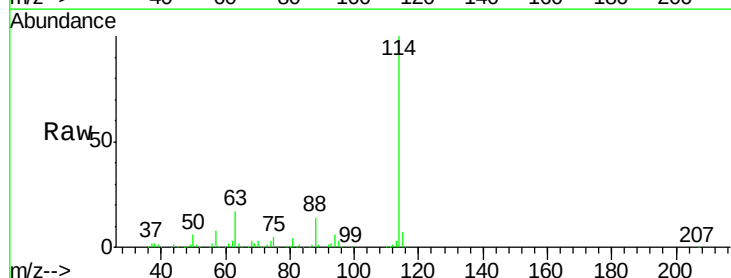
Instrument :
 MSVOA_N
 ClientSampleId :

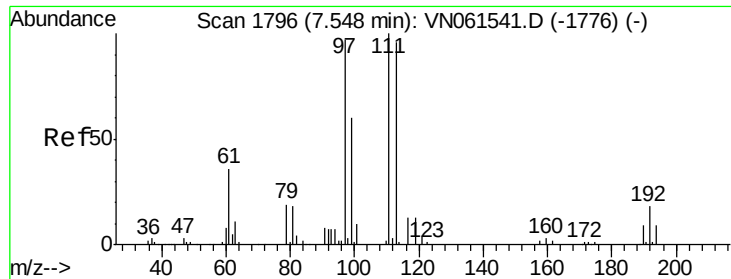
Tot Ion: 65 Resp: 178142
 Ion Ratio Lower Upper
 65 100
 67 53.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Tgt Ion: 114 Resp: 521009
 Ion Ratio Lower Upper
 114 100
 63 16.9 0.0 35.8
 88 14.4 0.0 31.0

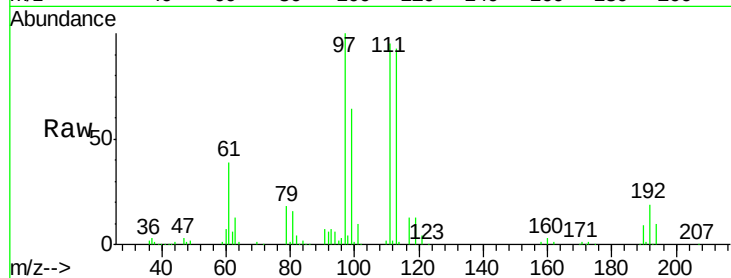




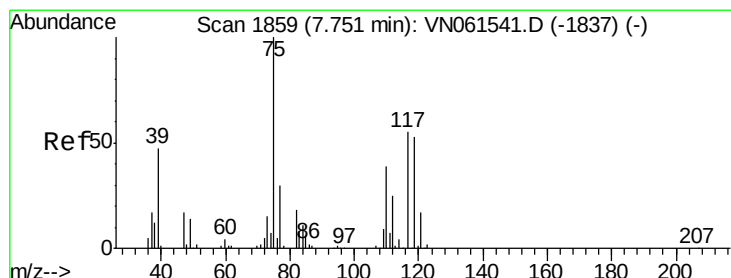
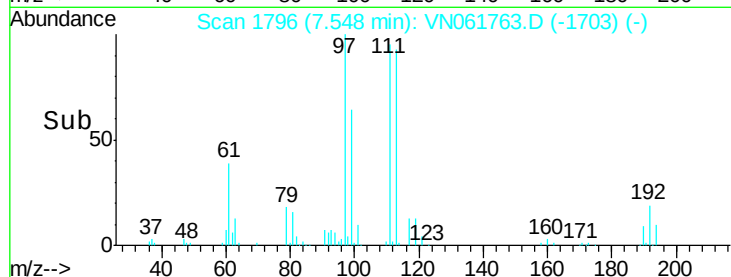
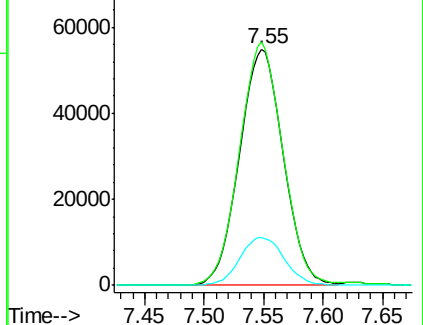
#35
 Dibromofluoromethane
 Concen: 52.892 ug/l
 RT: 7.55 min Scan# 1796
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 139792
 Ion Ratio Lower Upper
 113 100
 111 101.9 83.4 125.0
 192 20.4 15.4 23.2

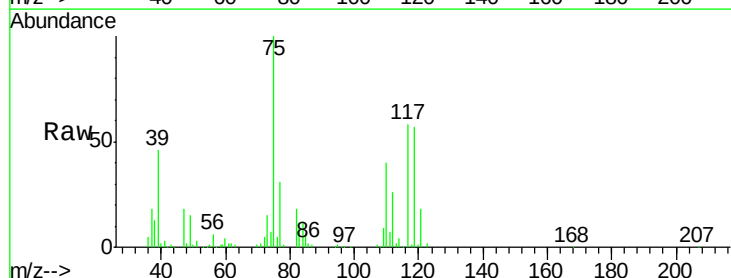


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

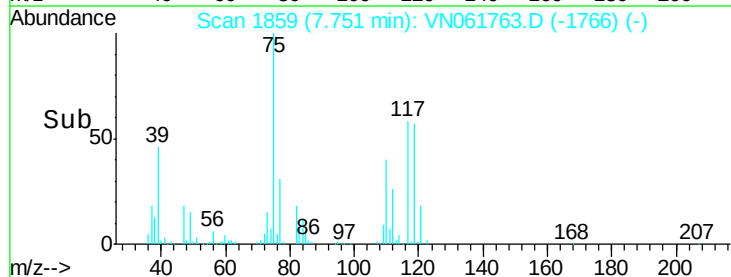
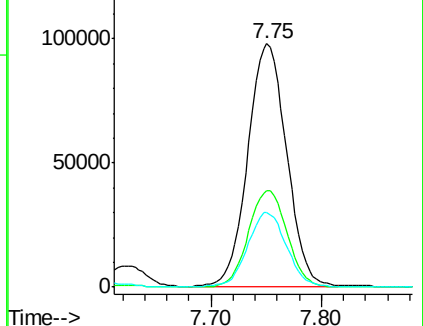


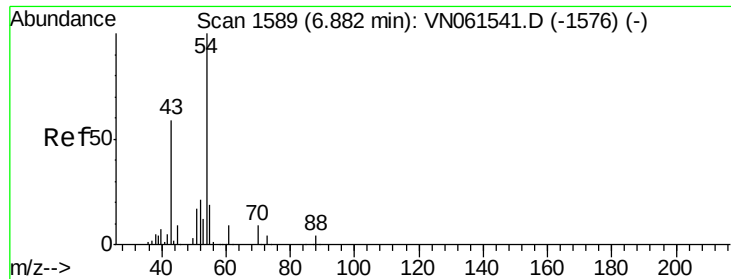
#36
 1,1-Dichloropropene
 Concen: 51.740 ug/l
 RT: 7.75 min Scan# 1859
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Tgt Ion: 75 Resp: 238640
 Ion Ratio Lower Upper
 75 100
 110 39.8 19.5 58.5
 77 31.1 24.7 37.1



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

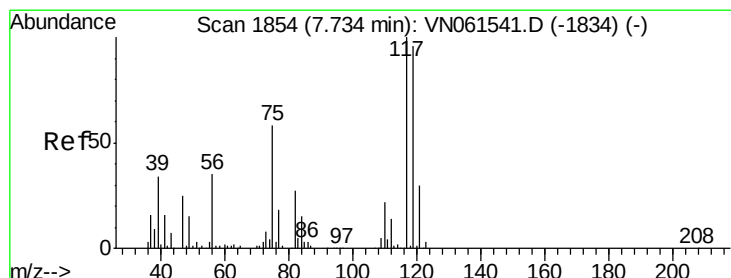
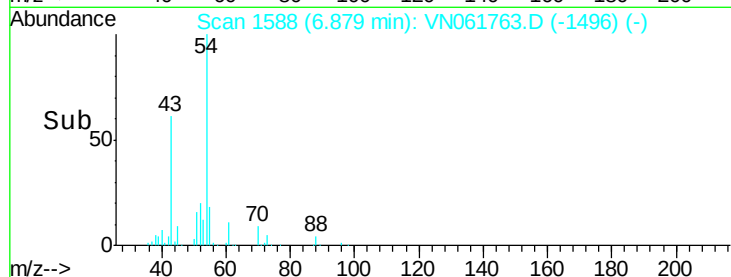
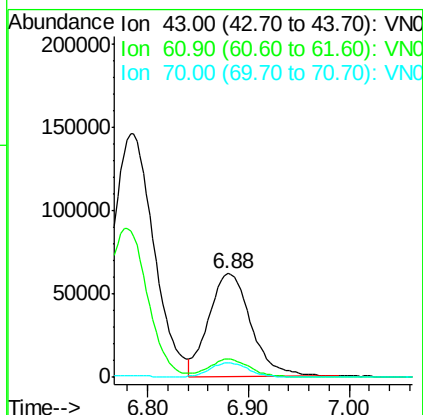
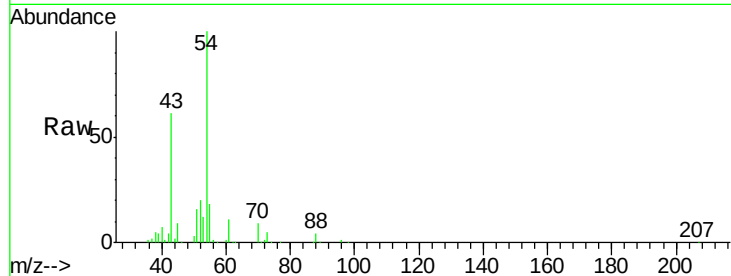




#37
Ethyl Acetate
Concen: 48.623 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

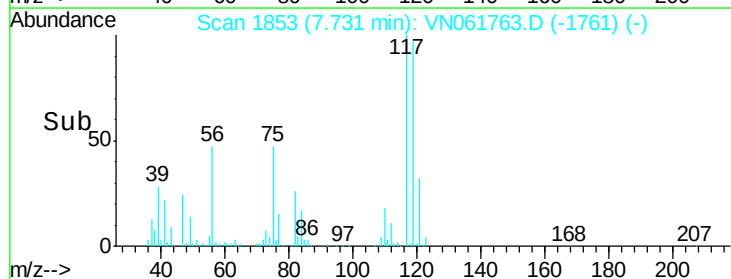
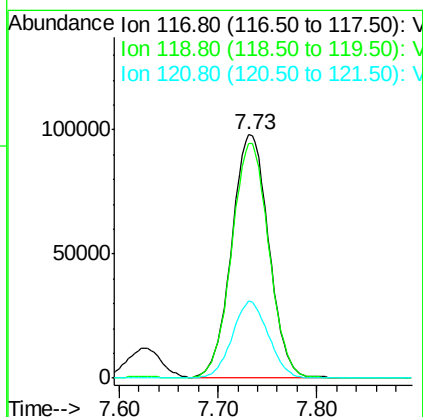
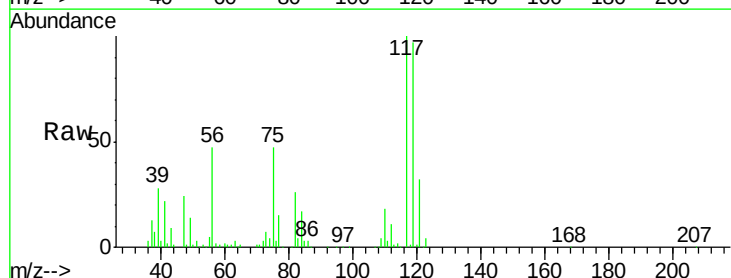
Instrument :
MSVOA_N
ClientSampleId :

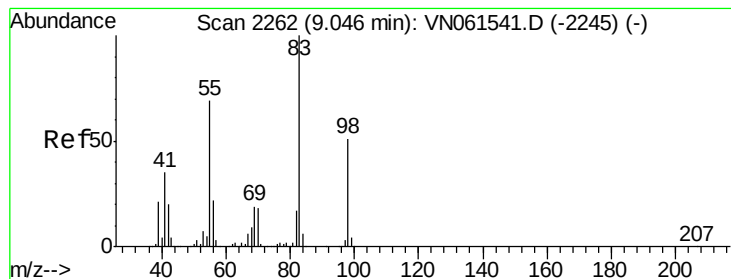
Tot Ion: 43 Resp: 180628
Ion Ratio Lower Upper
43 100
61 16.9 12.2 18.4
70 13.3 9.4 14.2



#38
Carbon Tetrachloride
Concen: 57.433 ug/l
RT: 7.73 min Scan# 1853
Delta R.T. -0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion: 117 Resp: 255514
Ion Ratio Lower Upper
117 100
119 96.8 76.5 114.7
121 31.6 24.1 36.1





#39

Methylvlcyclohexane

Concen: 47.993 ug/l

RT: 9.05 min Scan# 2262

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

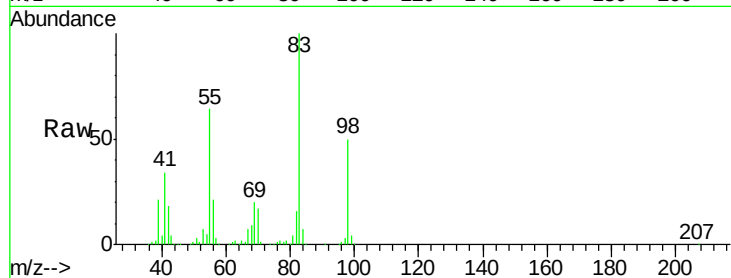
Tot Ion: 83 Resp: 272838

Ion Ratio Lower Upper

83 100

55 64.4 54.9 82.3

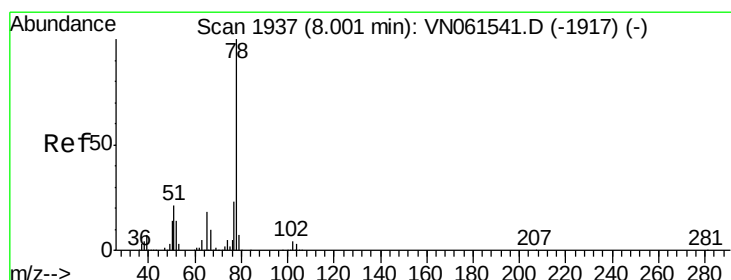
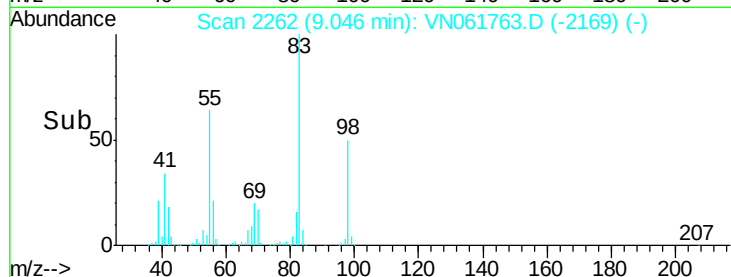
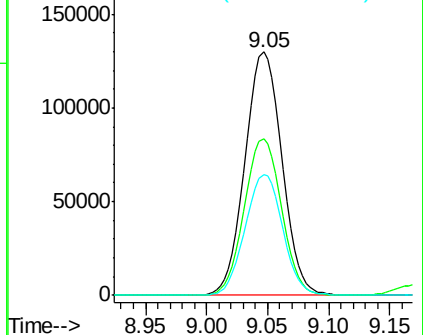
98 49.8 41.0 61.4



Abundance Ion 83.00 (82.70 to 83.70): VN061763.D (-2169) (-)

Ion 55.00 (54.70 to 55.70): VN061763.D (-2169) (-)

Ion 98.00 (97.70 to 98.70): VN061763.D (-2169) (-)



#40

Benzene

Concen: 53.211 ug/l

RT: 8.00 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VN061763.D

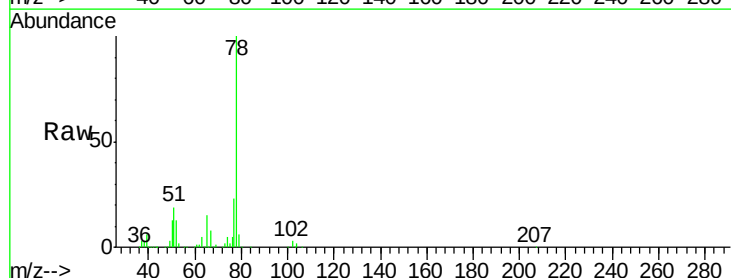
Acq: 11 Jun 2020 21:31

Tgt Ion: 78 Resp: 757248

Ion Ratio Lower Upper

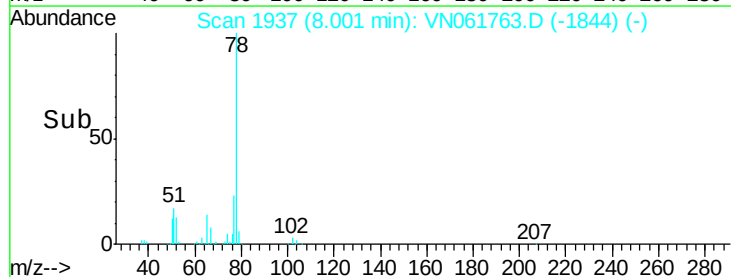
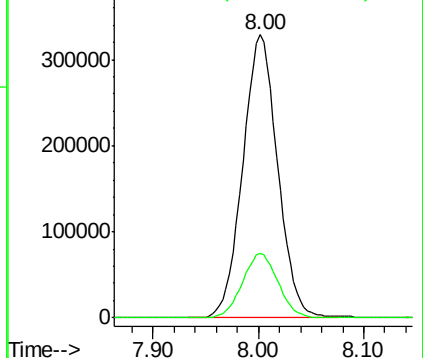
78 100

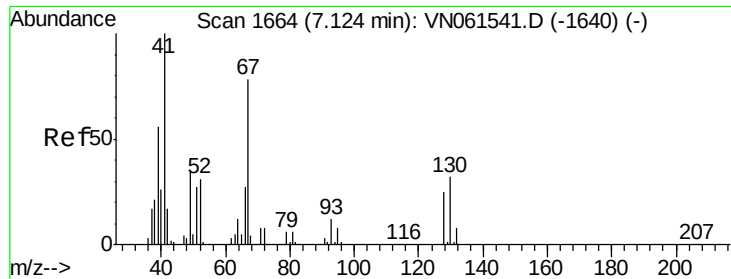
77 22.8 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VN061763.D (-1844) (-)

Ion 77.00 (76.70 to 77.70): VN061763.D (-1844) (-)

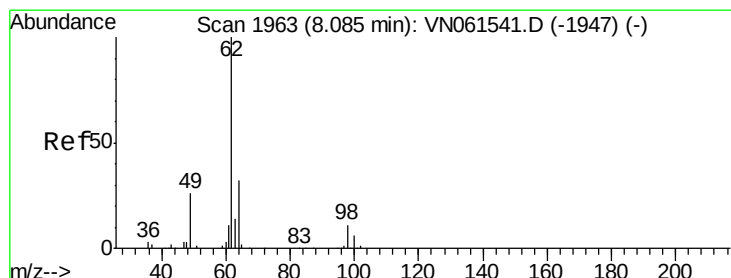
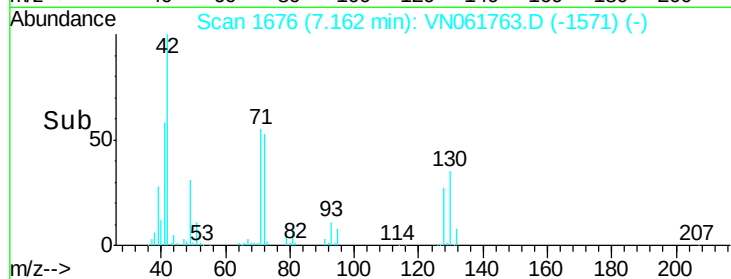
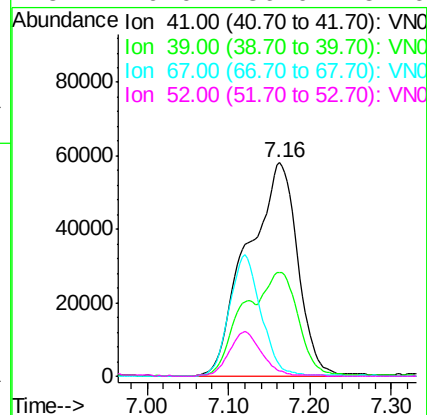
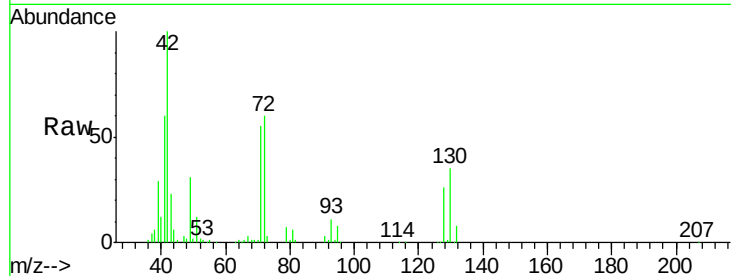




#41
Methacrylonitrile
Concen: 147.030 ug/l
RT: 7.16 min Scan# 1676
Delta R.T. 0.04 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

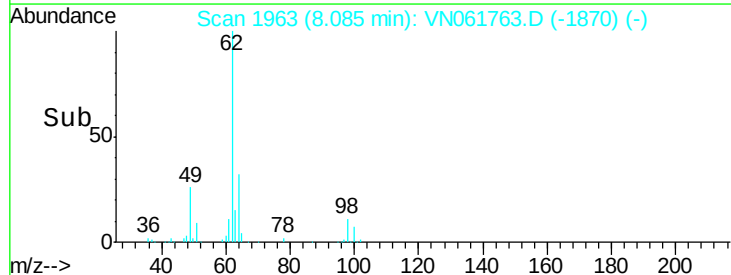
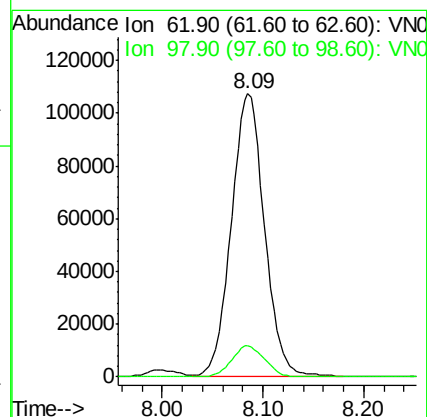
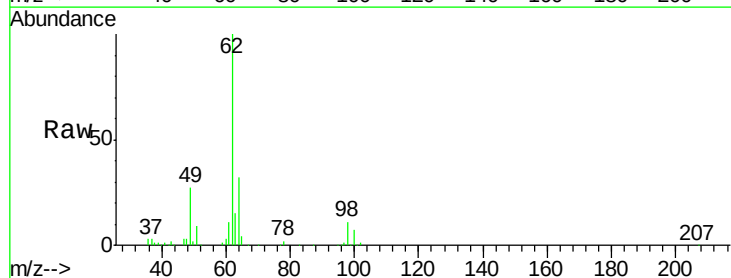
Instrument :
MSVOA_N
ClientSampled :

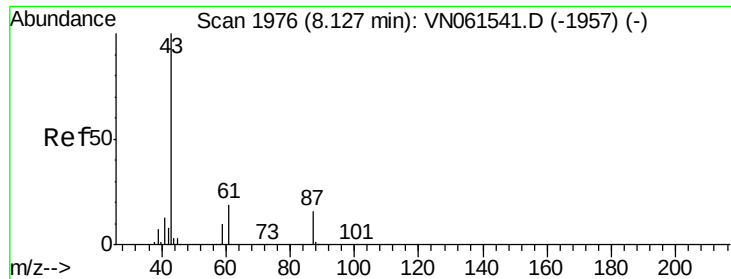
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.8	80.6#
67	0.0	91.1	136.7#
52	0.0	36.0	54.0#



#42
1,2-Dichloroethane
Concen: 51.446 ug/l
RT: 8.09 min Scan# 1963
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion	Ratio	Lower	Upper
62	100		
98	11.1	0.0	21.4

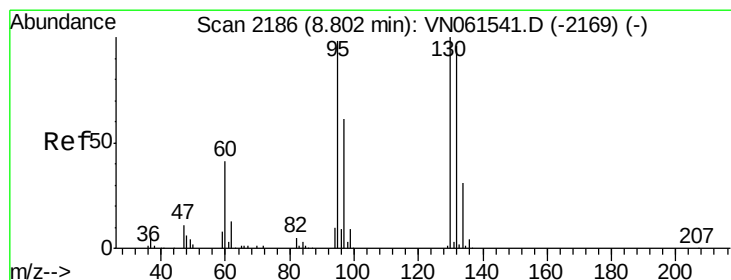
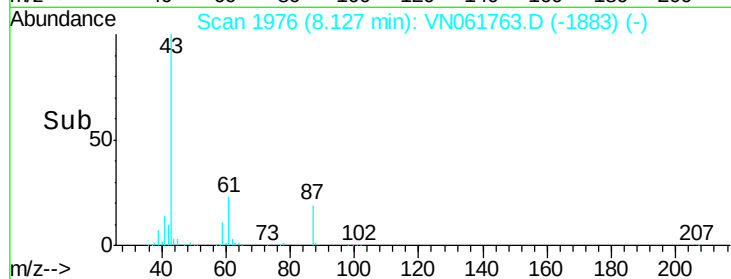
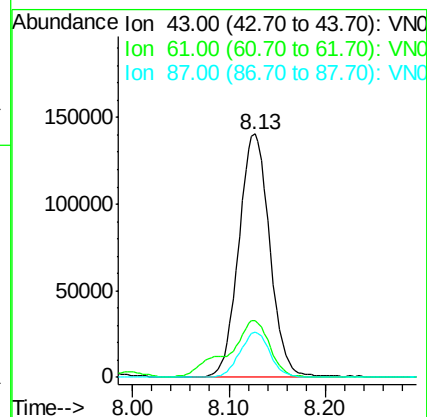
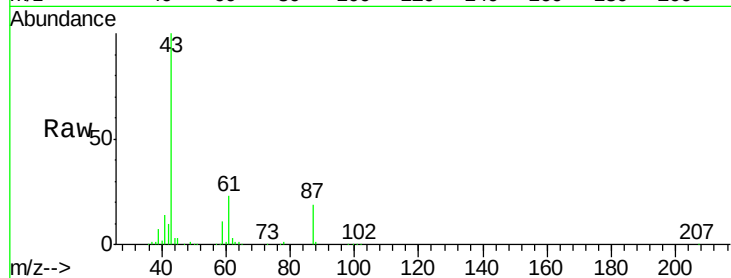




#43
Isopropyl Acetate
Concen: 46.663 ug/l
RT: 8.13 min Scan# 1976
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

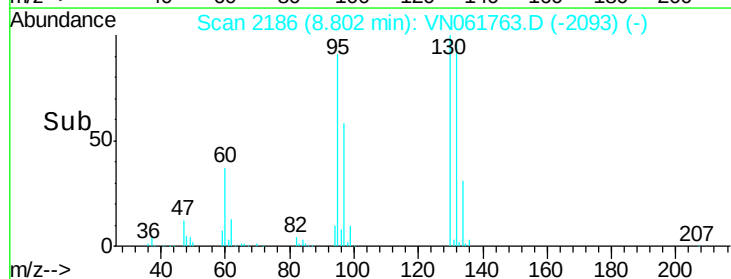
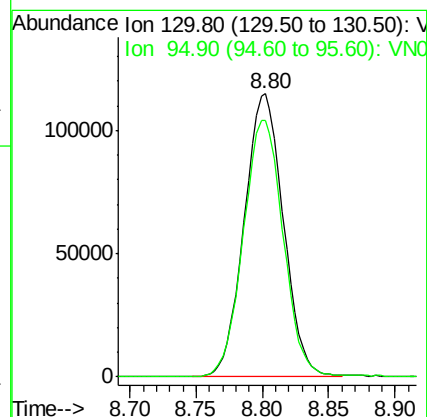
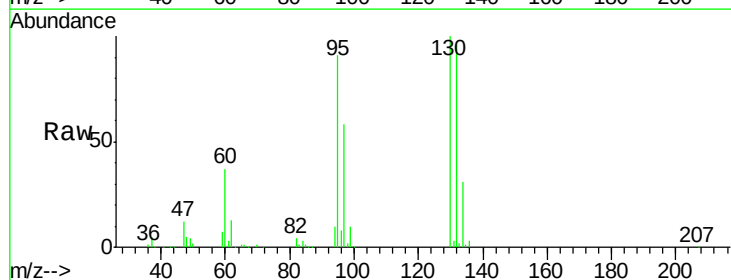
Instrument :
MSVOA_N
ClientSampleId :

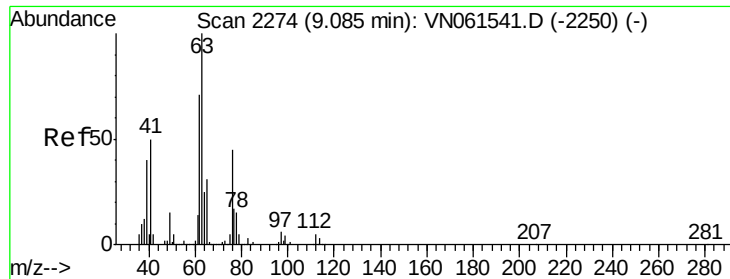
Tot Ion: 43 Resp: 311873
Ion Ratio Lower Upper
43 100
61 24.0 23.6 35.4
87 18.2 13.0 19.6



#44
Trichloroethene
Concen: 54.008 ug/l
RT: 8.80 min Scan# 2186
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion: 130 Resp: 236204
Ion Ratio Lower Upper
130 100
95 90.7 0.0 196.6

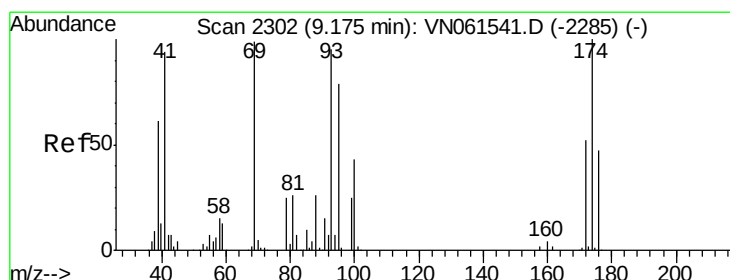
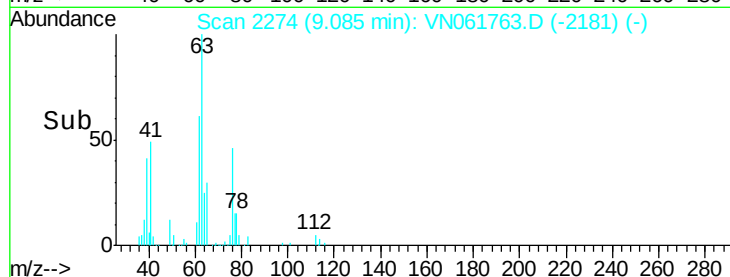
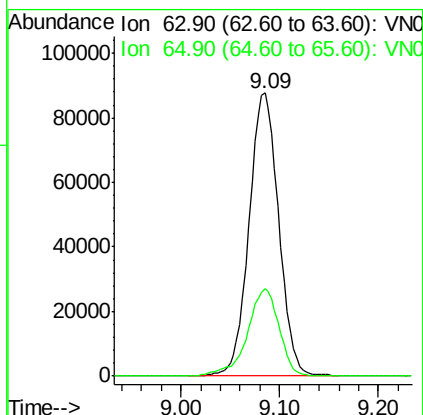
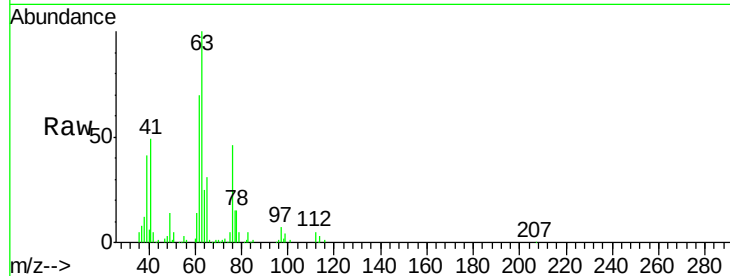




#45
 1,2-Dichloropropane
 Concen: 53.832 ug/l
 RT: 9.09 min Scan# 2274
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

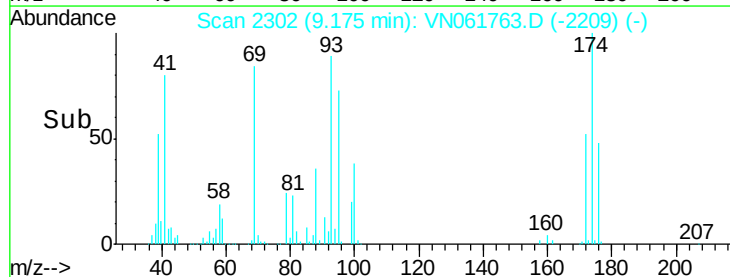
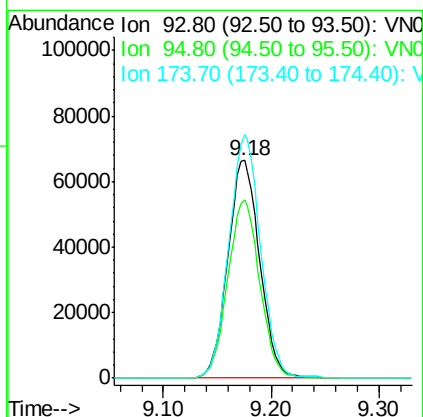
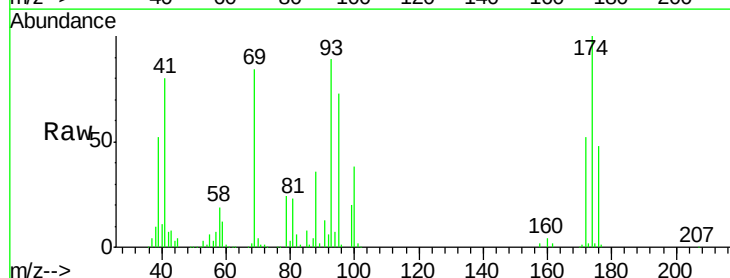
Instrument :
 MSVOA_N
 ClientSampleId :

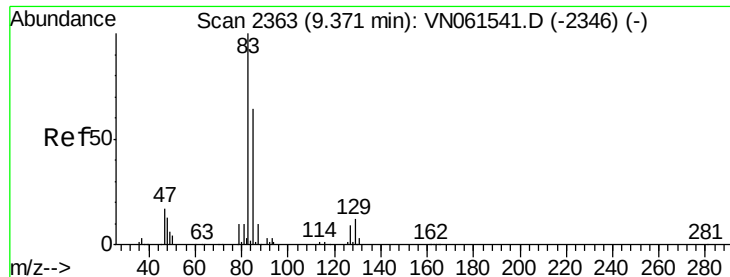
Tot Ion: 63 Resp: 181910
 Ion Ratio Lower Upper
 63 100
 65 30.8 24.7 37.1



#46
 Dibromomethane
 Concen: 52.959 ug/l
 RT: 9.18 min Scan# 2302
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Tgt Ion: 93 Resp: 137252
 Ion Ratio Lower Upper
 93 100
 95 82.0 66.0 99.0
 174 111.0 82.5 123.7





#47

Bromodichloromethane

Concen: 54.211 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampled :

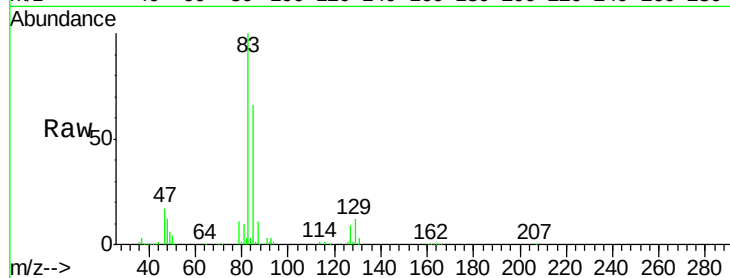
Tot Ion: 83 Resp: 278356

Ion Ratio Lower Upper

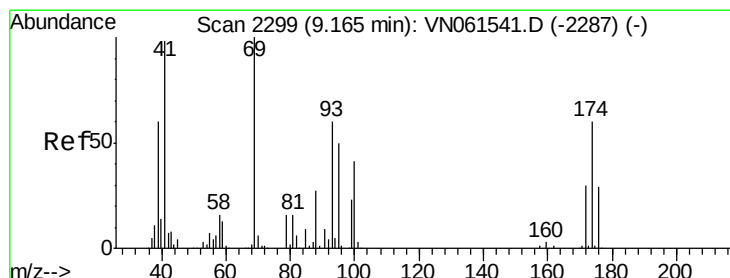
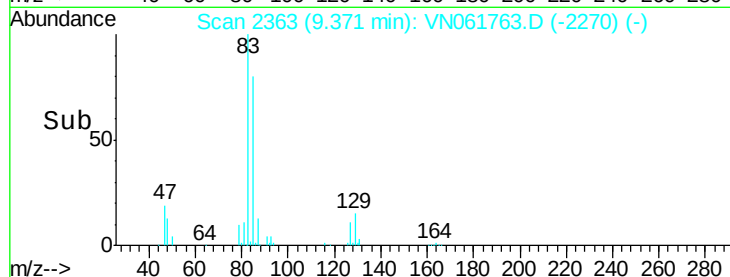
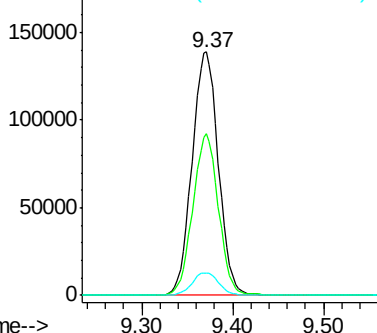
83 100

85 66.4 51.1 76.7

127 9.3 7.2 10.8



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



#48

Methyl methacrylate

Concen: 45.862 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

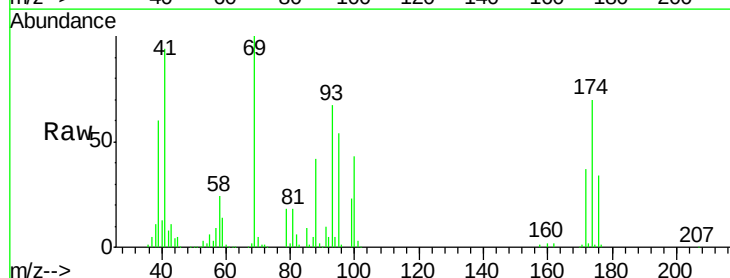
Tgt Ion: 41 Resp: 137906

Ion Ratio Lower Upper

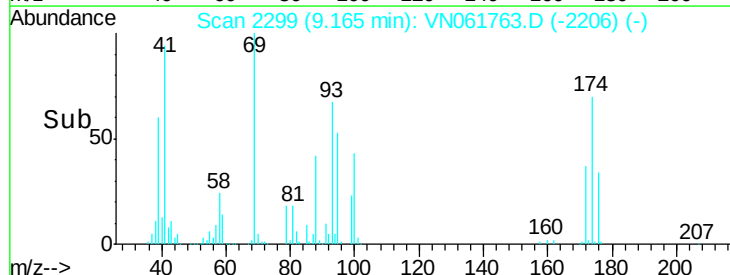
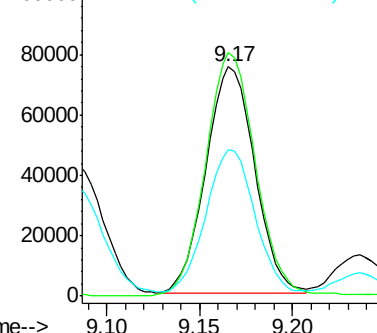
41 100

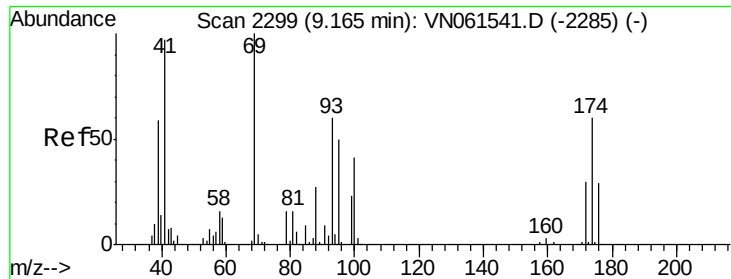
69 110.9 83.9 125.9

39 66.5 52.1 78.1



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

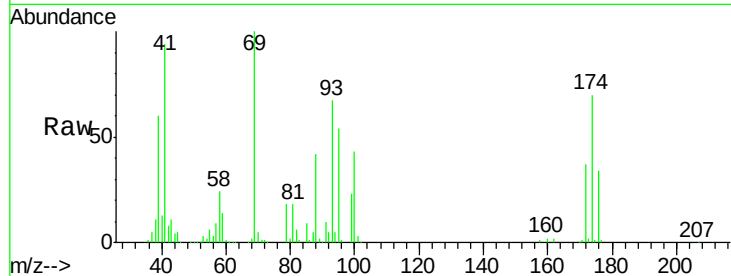




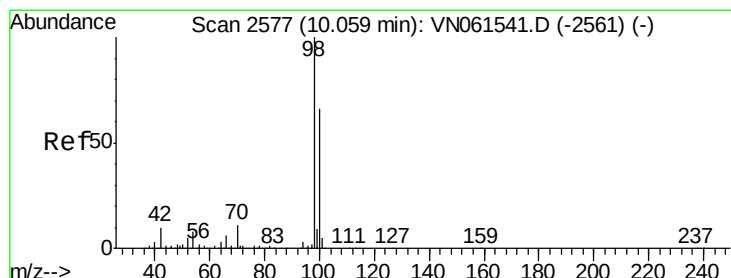
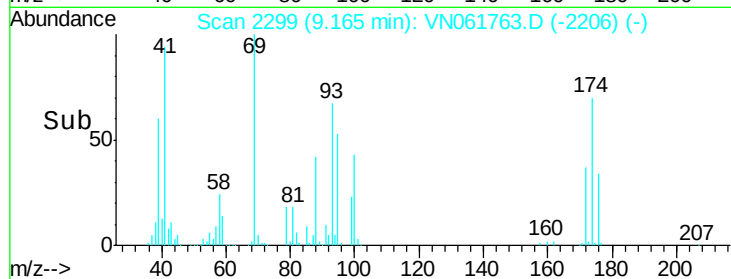
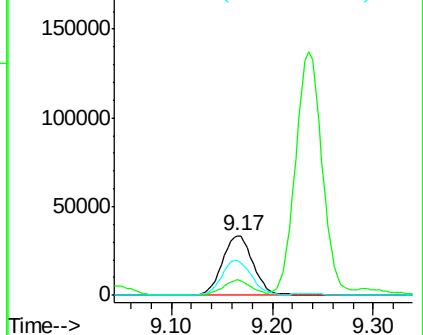
#49
1,4-Dioxane
Concen: 1539.057 ug/l
RT: 9.17 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 88 Resp: 71695
Ion Ratio Lower Upper
88 100
43 22.4 23.1 34.7#
58 57.1 48.3 72.5

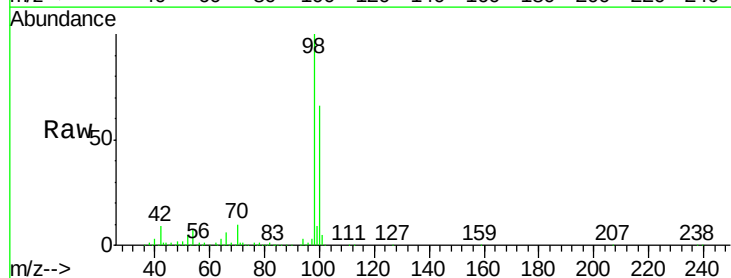


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

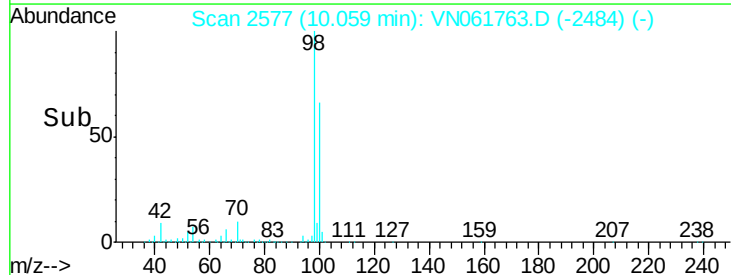
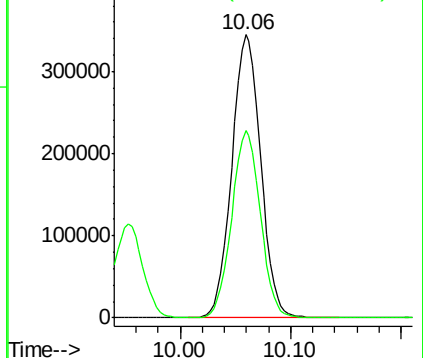


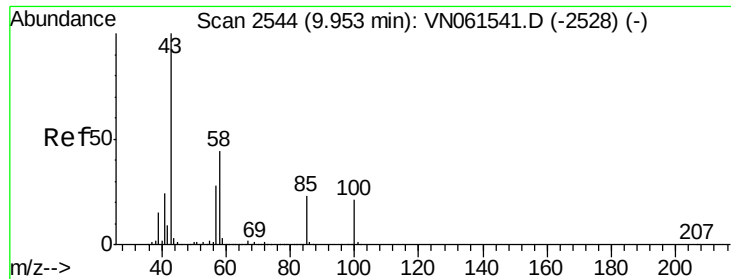
#50
Toluene-d8
Concen: 51.151 ug/l
RT: 10.06 min Scan# 2577
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion: 98 Resp: 626493
Ion Ratio Lower Upper
98 100
100 65.3 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN0
Ion 100.00 (99.70 to 100.70): VN0

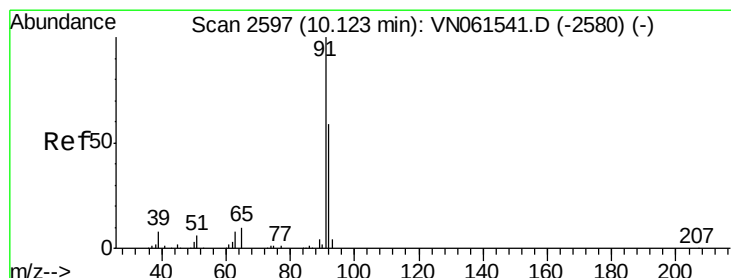
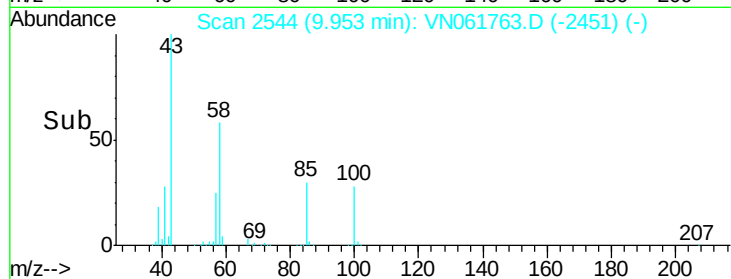
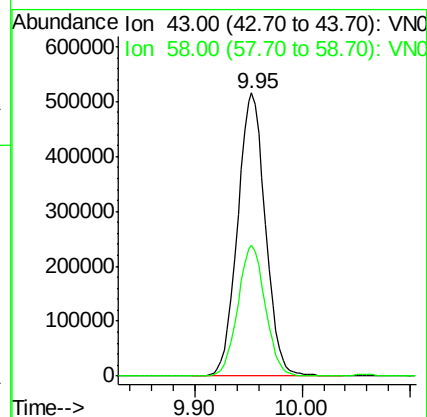
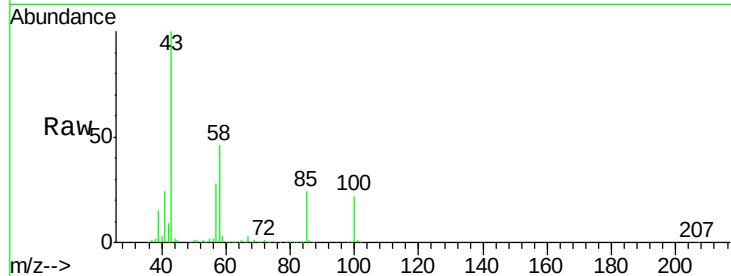




#51
 4-Methyl-2-Pentanone
 Concen: 245.850 ug/l
 RT: 9.95 min Scan# 2544
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

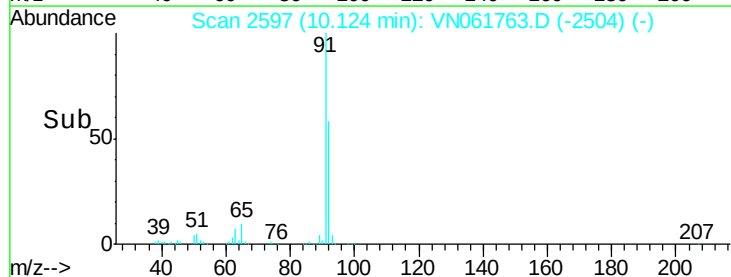
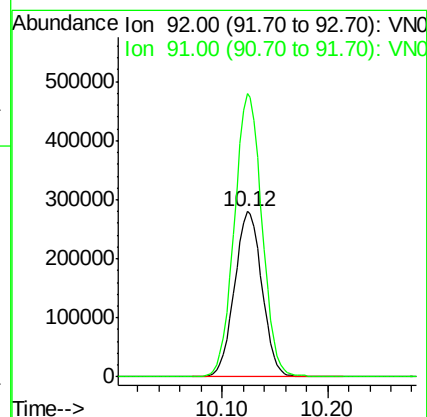
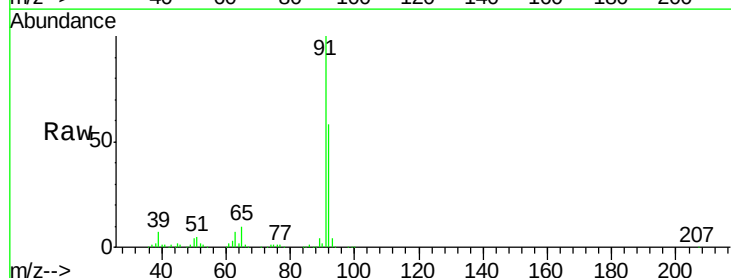
Instrument :
 MSVOA_N
 ClientSampled :

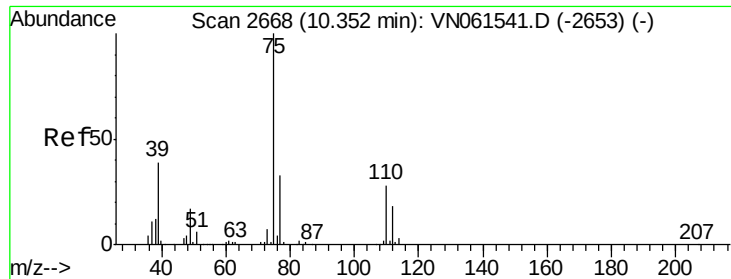
Tot Ion: 43 Resp: 925952
 Ion Ratio Lower Upper
 43 100
 58 45.7 35.0 52.6



#52
 Toluene
 Concen: 54.268 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Tgt Ion: 92 Resp: 504066
 Ion Ratio Lower Upper
 92 100
 91 172.2 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 52.489 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

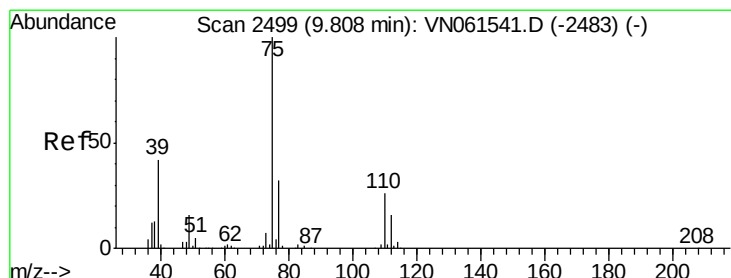
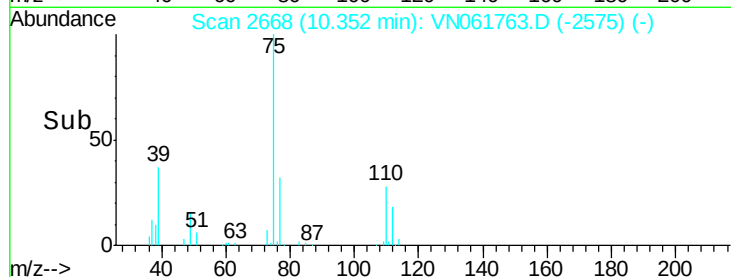
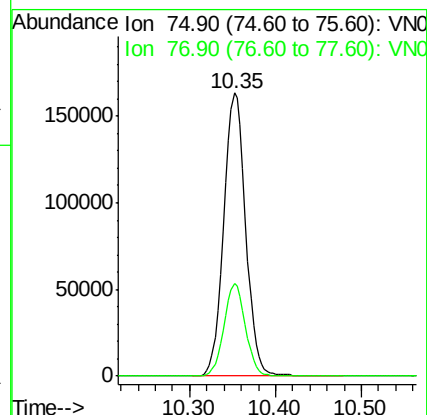
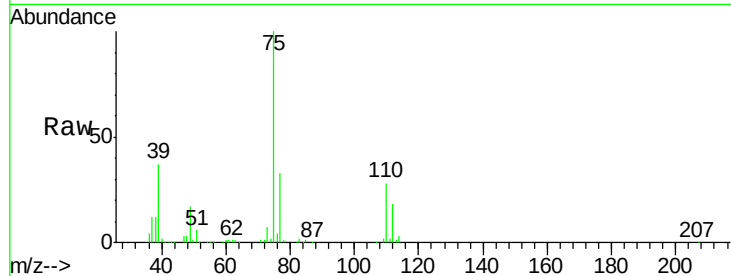
ClientSampled :

Tot Ion: 75 Resp: 290338

Ion Ratio Lower Upper

75 100

77 32.6 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 52.224 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

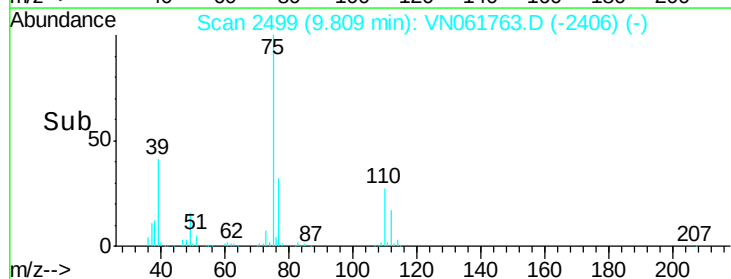
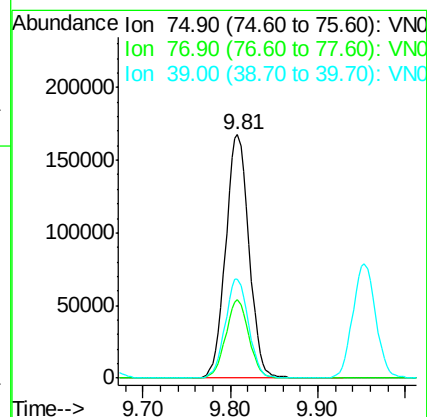
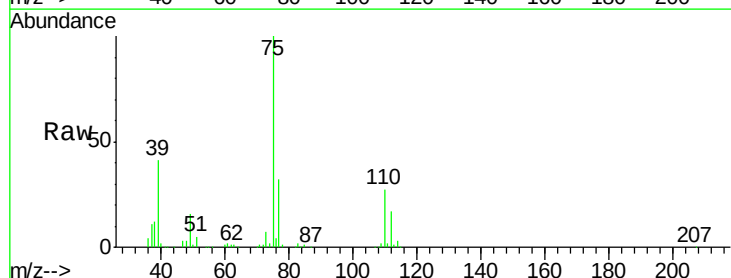
Tgt Ion: 75 Resp: 310603

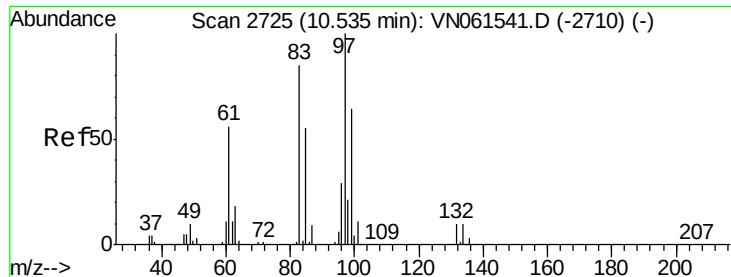
Ion Ratio Lower Upper

75 100

77 32.0 25.4 38.2

39 40.6 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 54.161 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampled :

Tot Ion: 97 Resp: 200424

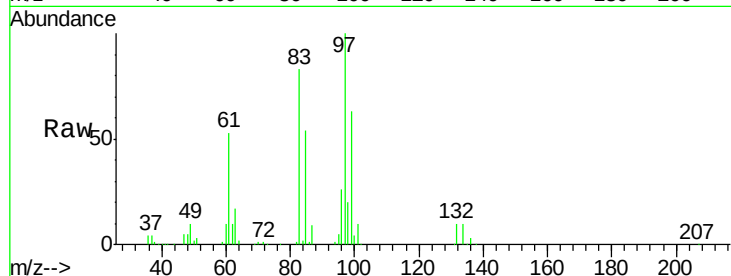
Ion Ratio Lower Upper

97 100

83 82.8 68.1 102.1

85 53.5 44.1 66.1

99 63.1 51.1 76.7

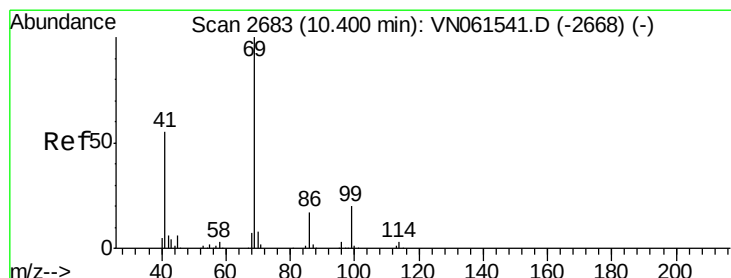
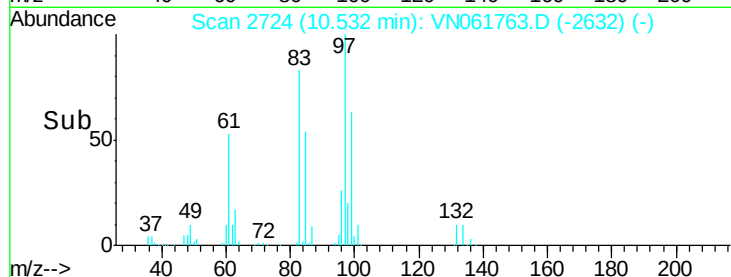
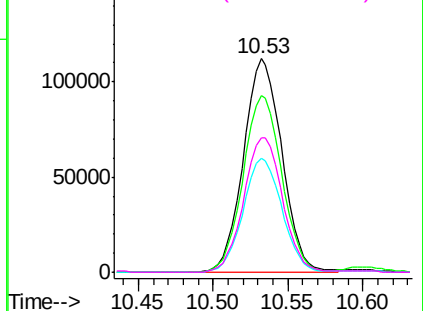


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 52.249 ug/l

RT: 10.40 min Scan# 2683

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

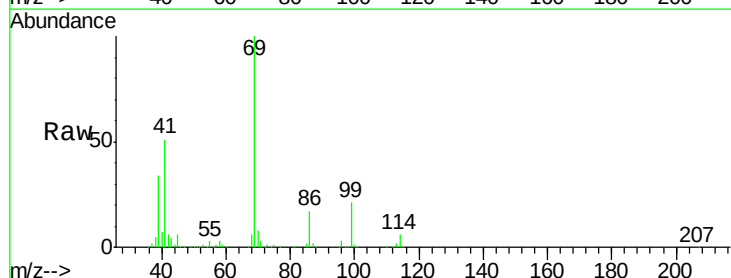
Tgt Ion: 69 Resp: 270093

Ion Ratio Lower Upper

69 100

41 51.0 43.5 65.3

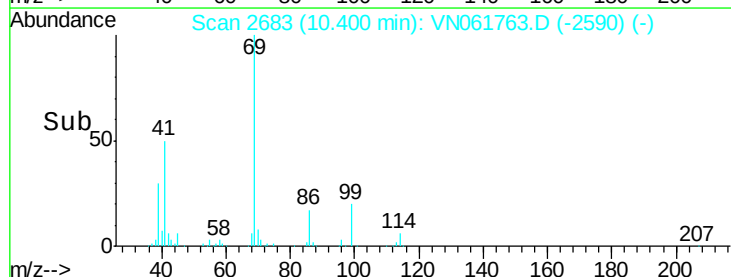
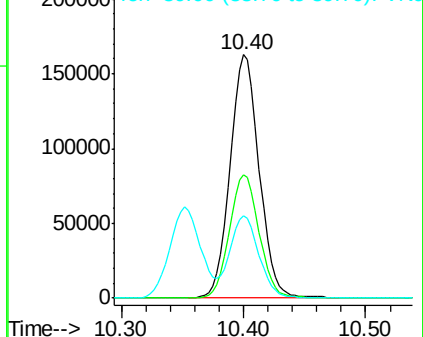
39 33.7 27.0 40.6

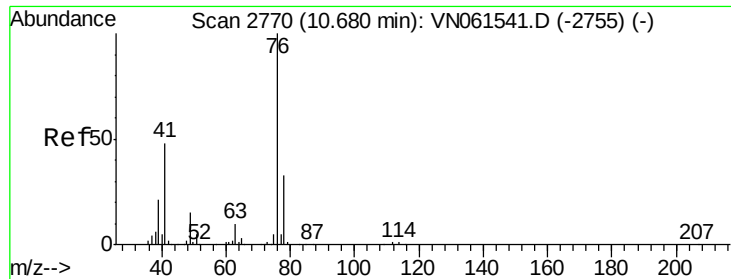


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

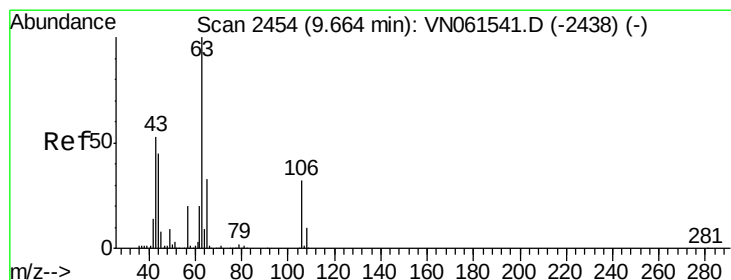
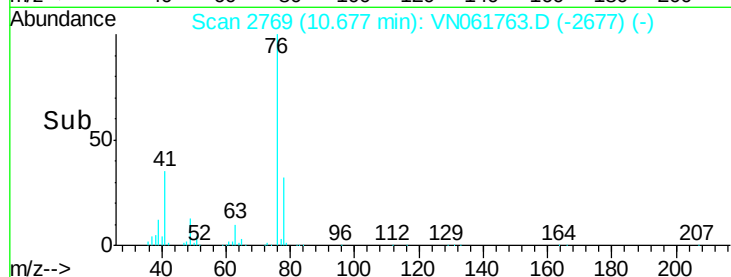
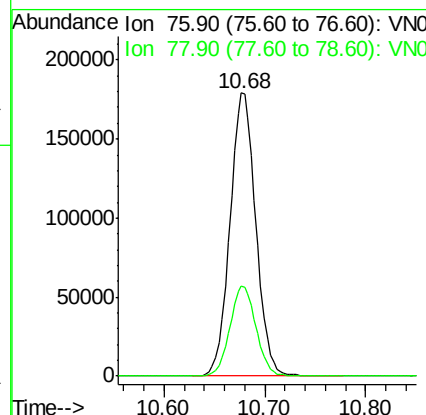
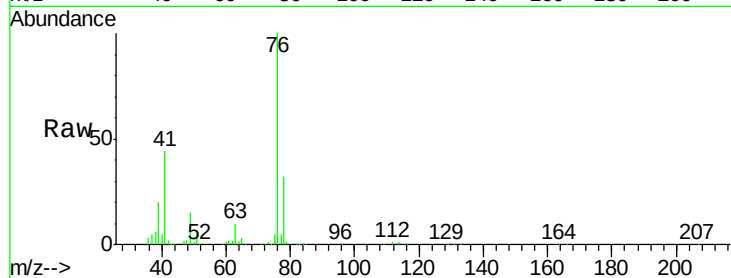




#57
 1,3-Dichloropropane
 Concen: 54.017 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

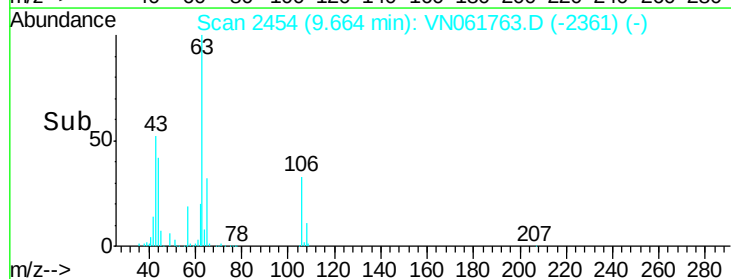
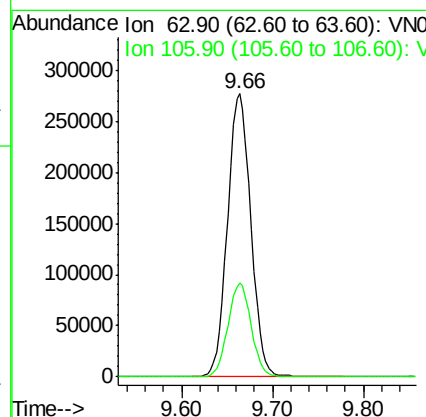
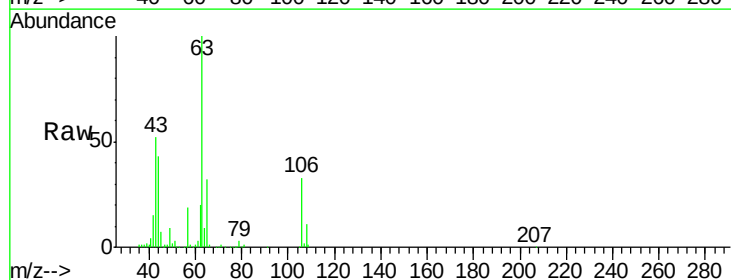
Instrument :
 MSVOA_N
 ClientSampled :

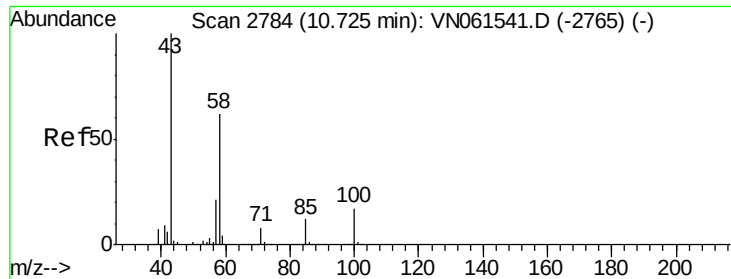
Tot Ion: 76 Resp: 319703
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 223.610 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Tgt Ion: 63 Resp: 493974
 Ion Ratio Lower Upper
 63 100
 106 32.9 25.9 38.9

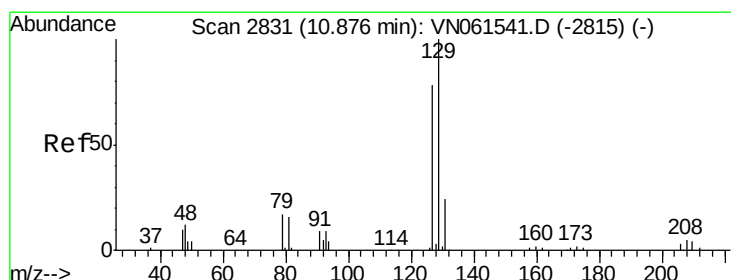
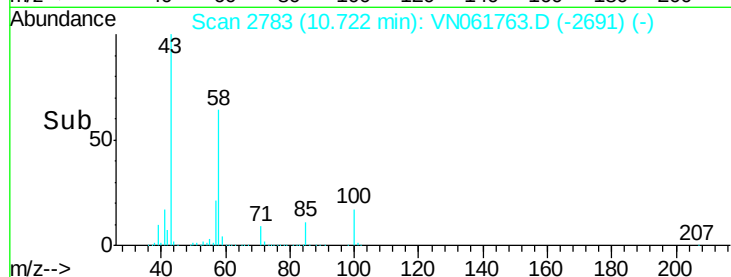
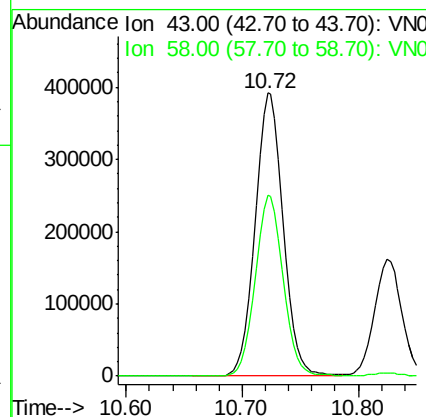
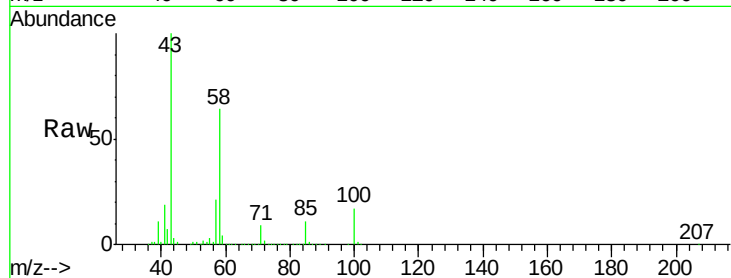




#59
2-Hexanone
Concen: 245.526 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

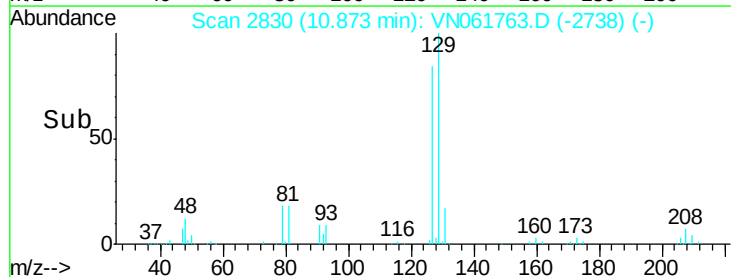
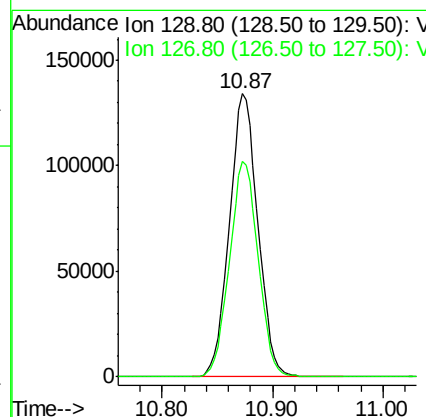
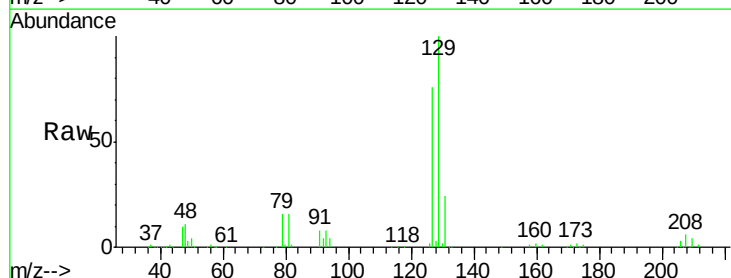
Instrument :
MSVOA_N
ClientSampleId :

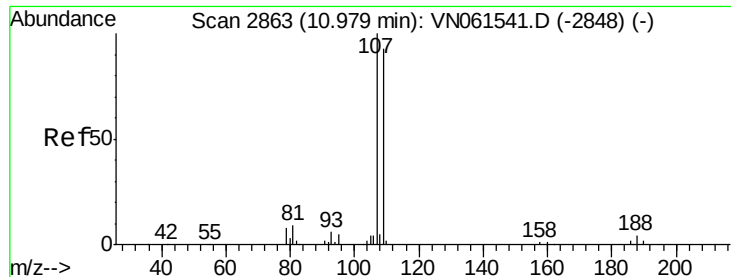
Tot Ion: 43 Resp: 664117
Ion Ratio Lower Upper
43 100
58 63.6 30.7 92.1



#60
Dibromochloromethane
Concen: 56.989 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion: 129 Resp: 239754
Ion Ratio Lower Upper
129 100
127 76.9 38.8 116.3

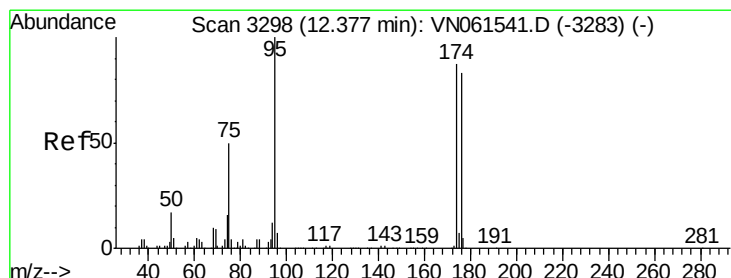
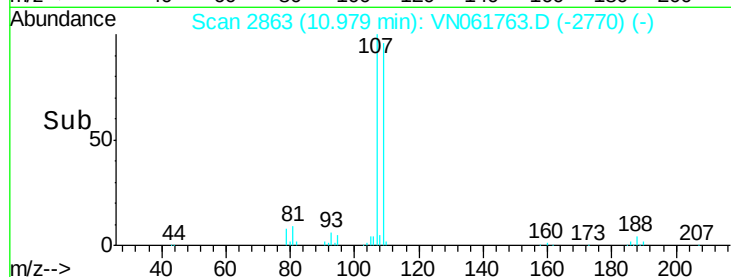
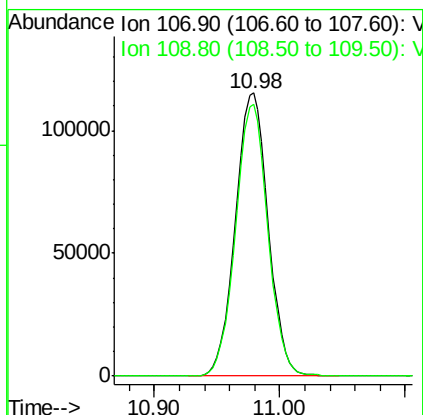
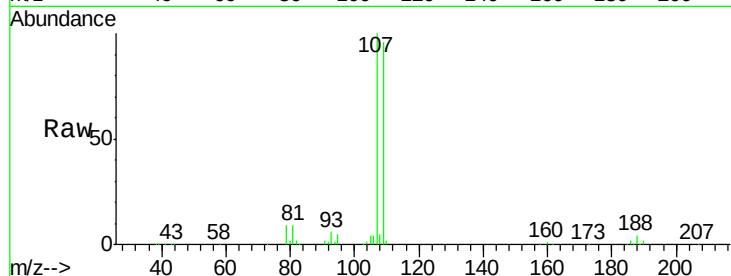




#61
 1,2-Dibromoethane
 Concen: 54.294 ug/l
 RT: 10.98 min Scan# 2863
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

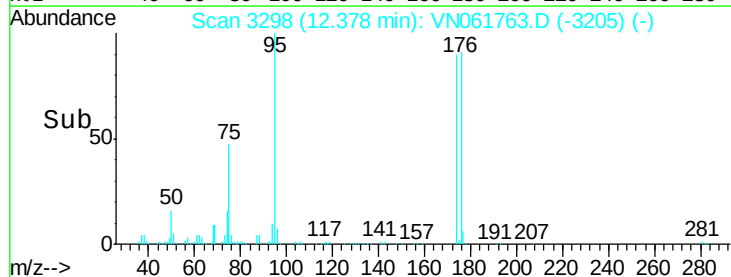
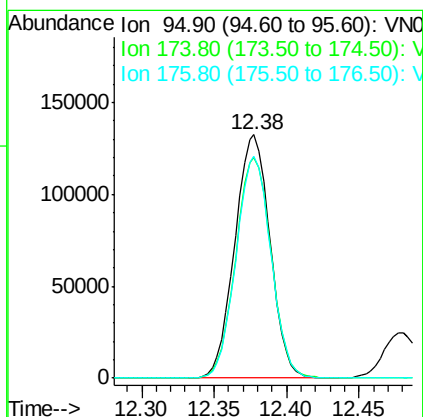
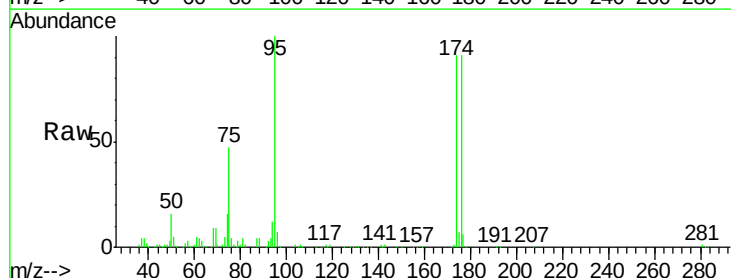
Instrument :
 MSVOA_N
 ClientSampled :

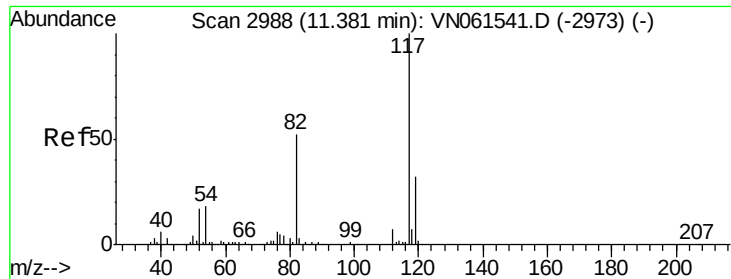
Tot Ion: 107 Resp: 209547
 Ion Ratio Lower Upper
 107 100
 109 94.5 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 50.158 ug/l
 RT: 12.38 min Scan# 3298
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Tgt Ion: 95 Resp: 224128
 Ion Ratio Lower Upper
 95 100
 174 91.1 0.0 172.8
 176 90.0 0.0 164.8

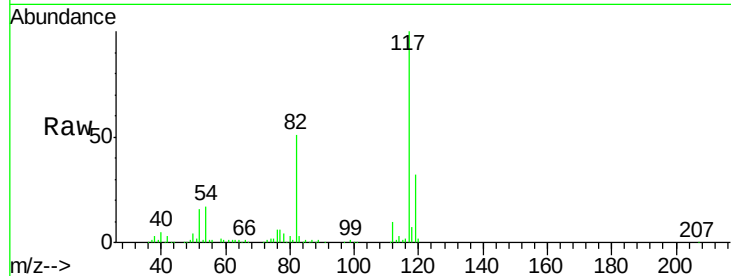




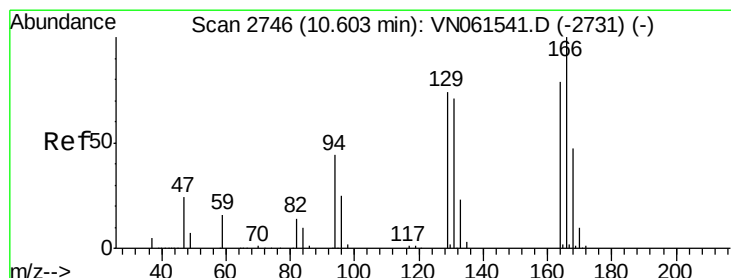
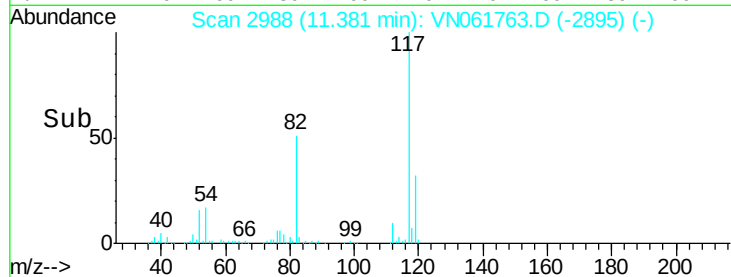
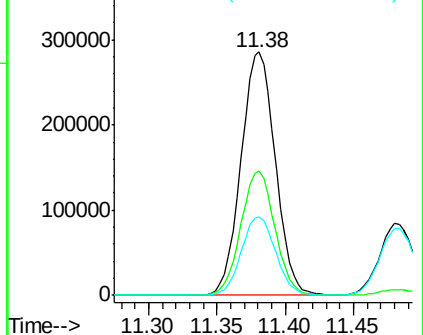
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:117 Resp: 499102
Ion Ratio Lower Upper
117 100
82 51.1 41.5 62.3
119 32.4 25.6 38.4

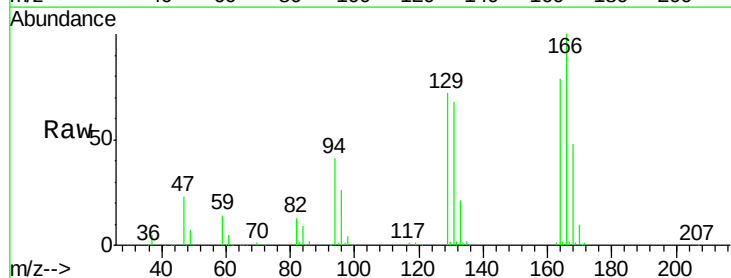


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

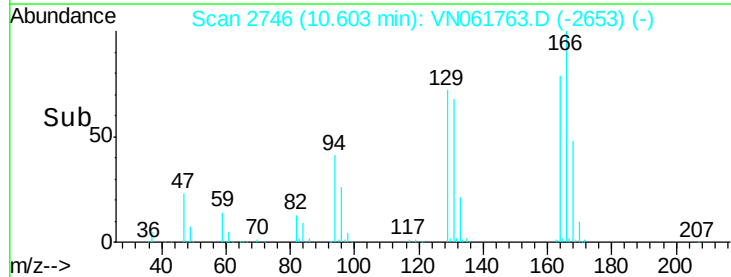
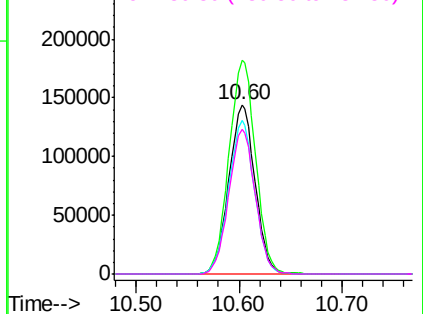


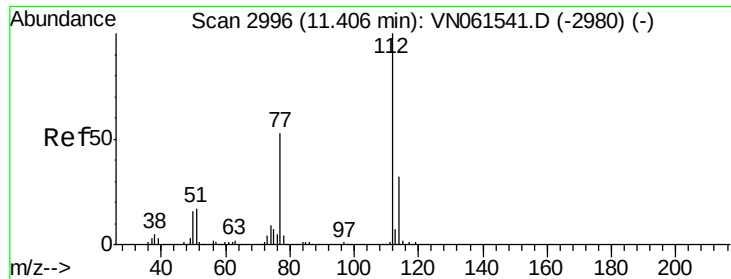
#64
Tetrachloroethene
Concen: 54.323 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion:164 Resp: 255218
Ion Ratio Lower Upper
164 100
166 126.0 101.5 152.3
129 90.3 74.9 112.3
131 85.1 72.2 108.2



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

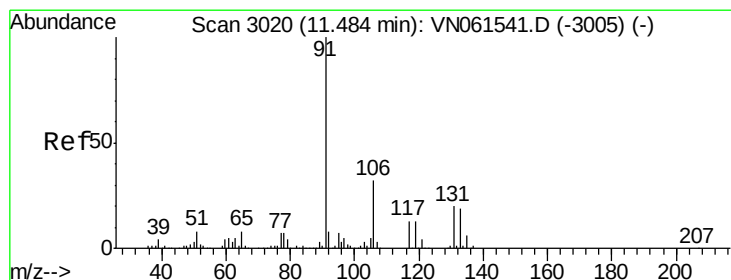
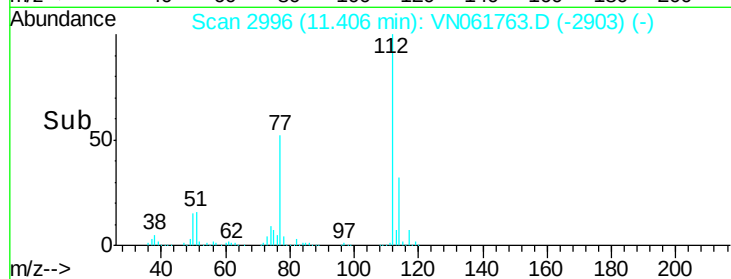
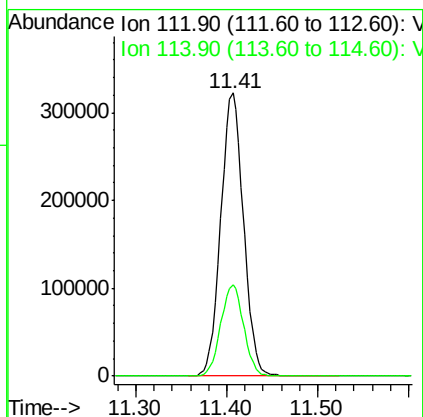
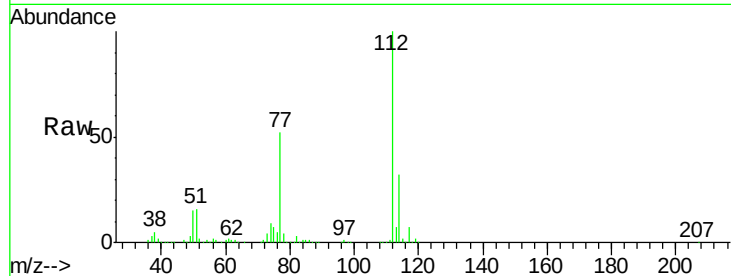




#65
Chlorobenzene
Concen: 53.959 ug/l
RT: 11.41 min Scan# 2996
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

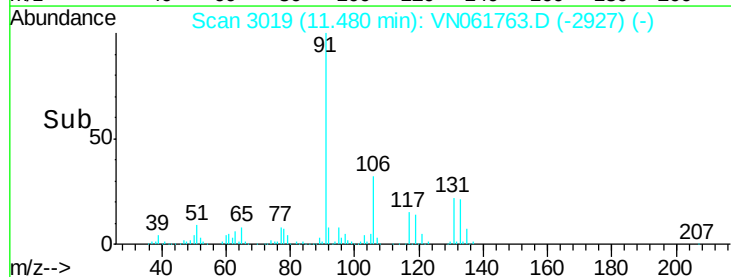
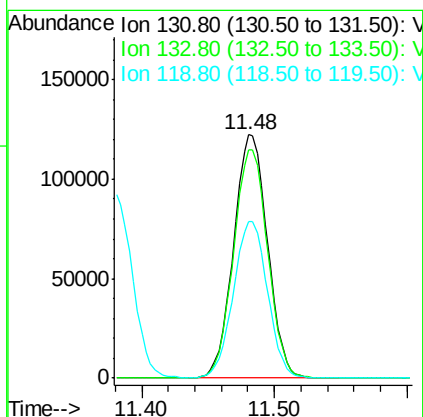
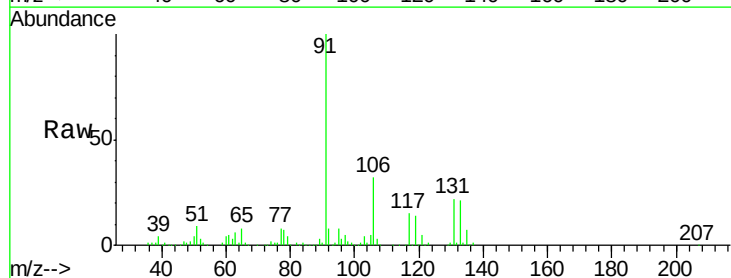
Instrument :
MSVOA_N
ClientSampled :

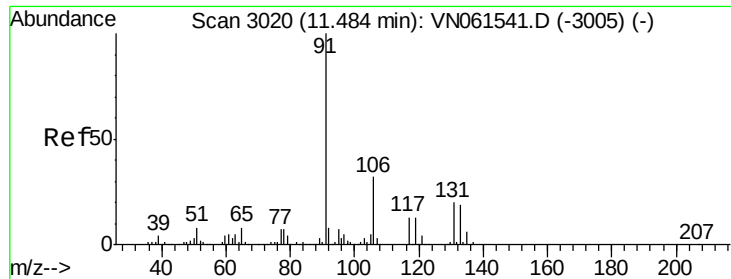
Tot Ion:112 Resp: 559801
Ion Ratio Lower Upper
112 100
114 32.1 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 56.134 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion:131 Resp: 216842
Ion Ratio Lower Upper
131 100
133 94.8 47.4 142.2
119 64.8 32.6 97.8

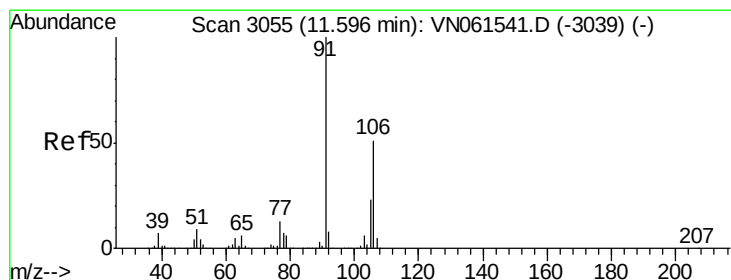
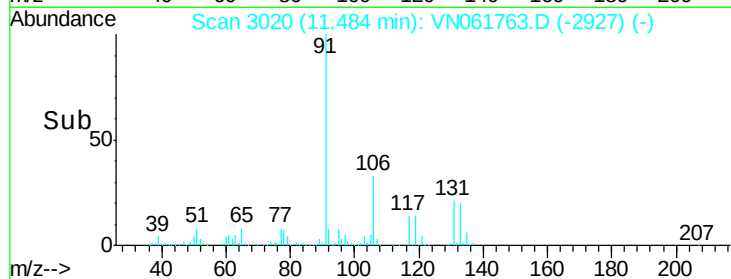
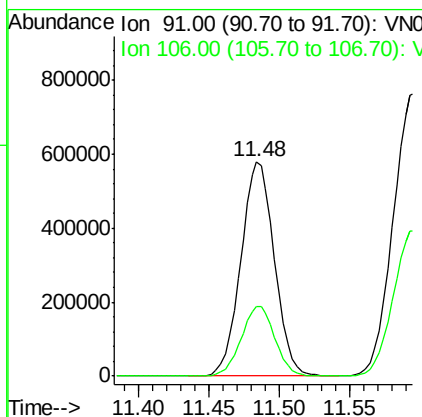
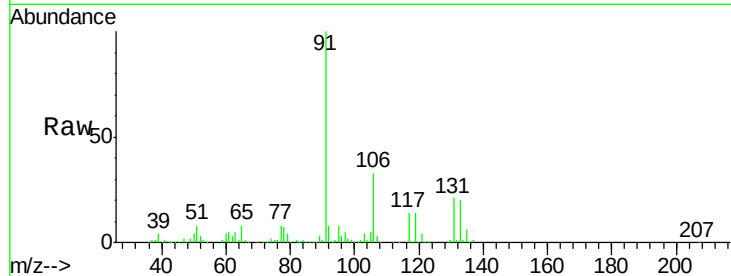




#67
Ethyl Benzene
Concen: 53.729 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

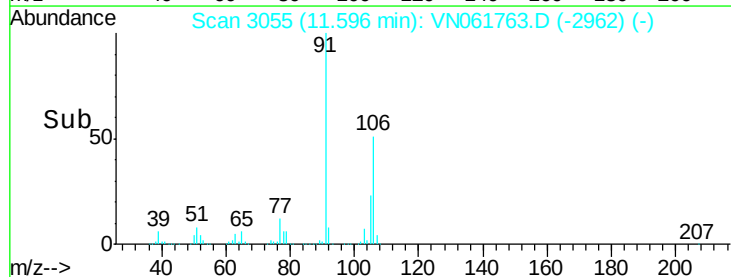
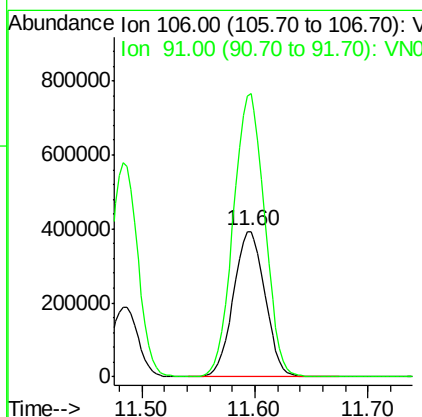
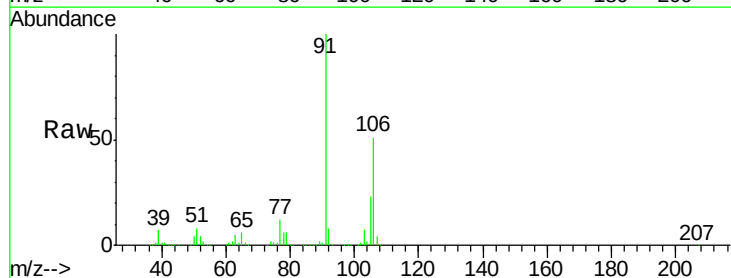
Instrument :
MSVOA_N
ClientSampled :

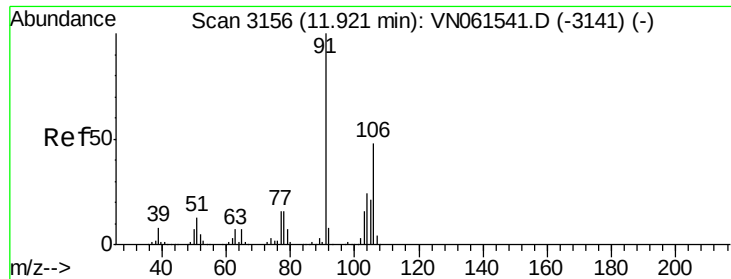
Tot Ion: 91 Resp: 963418
Ion Ratio Lower Upper
91 100
106 32.6 25.6 38.4



#68
m/p-Xylenes
Concen: 107.247 ug/l
RT: 11.60 min Scan# 3055
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion: 106 Resp: 762502
Ion Ratio Lower Upper
106 100
91 193.9 156.2 234.4

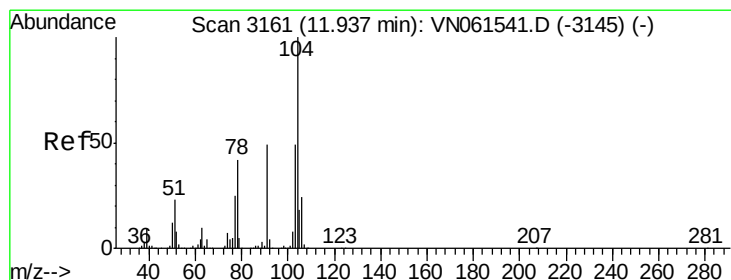
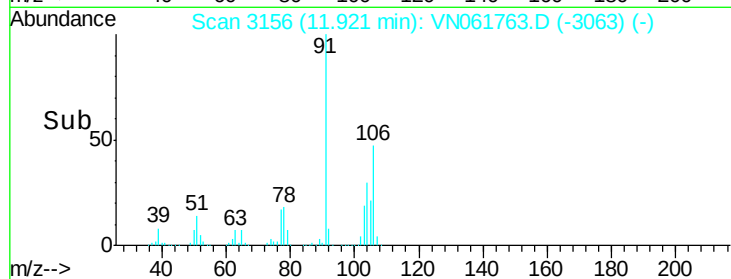
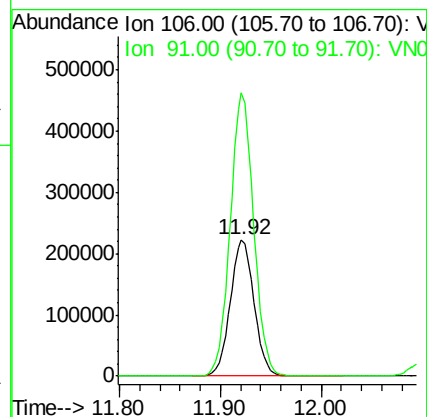
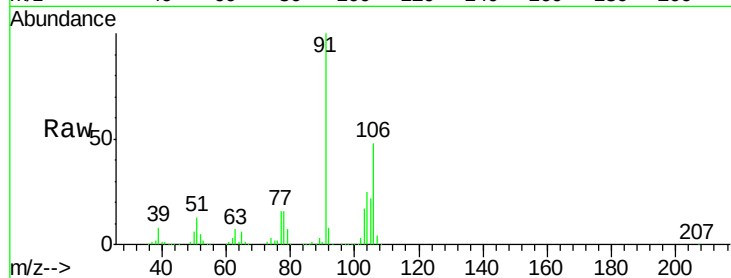




#69
o-Xylene
Concen: 54.217 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

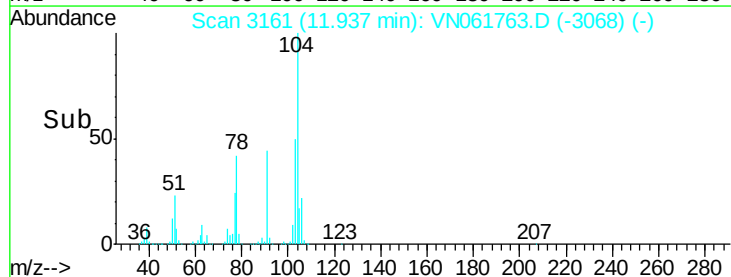
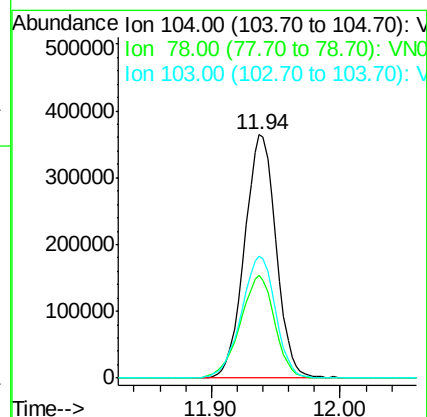
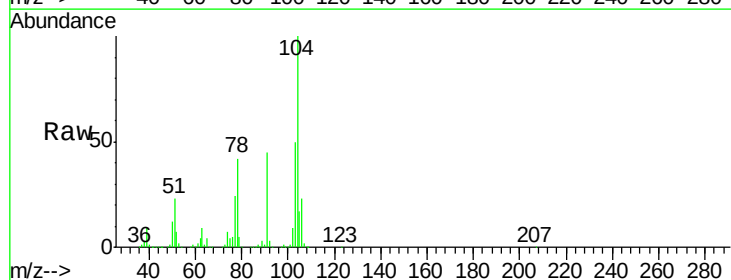
Instrument :
MSVOA_N
ClientSampled :

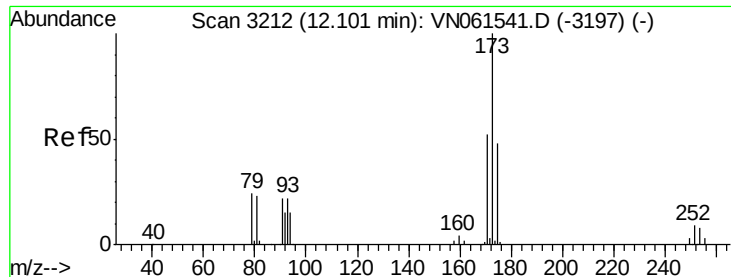
Tot Ion:106 Resp: 366122
Ion Ratio Lower Upper
106 100
91 205.3 103.3 309.8



#70
Styrene
Concen: 55.437 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion:104 Resp: 619949
Ion Ratio Lower Upper
104 100
78 45.9 37.4 56.0
103 54.3 42.3 63.5





#71

Bromoform

Concen: 57.896 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampled :

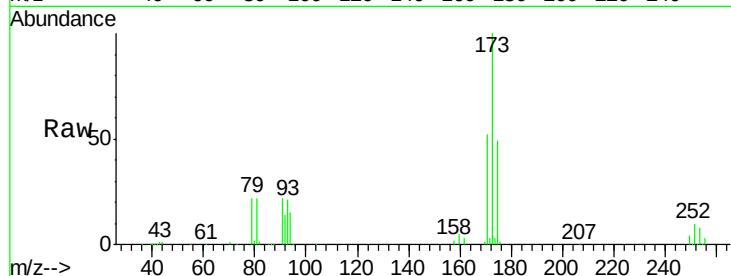
Tot Ion:173 Resp: 172334

Ion Ratio Lower Upper

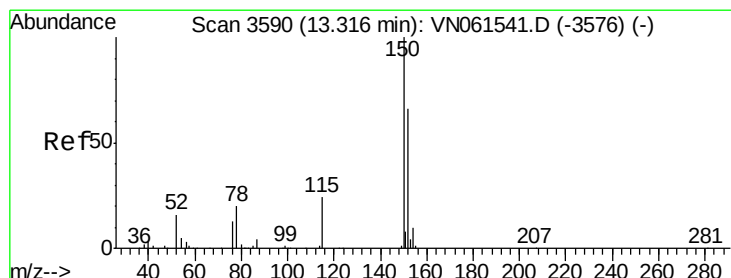
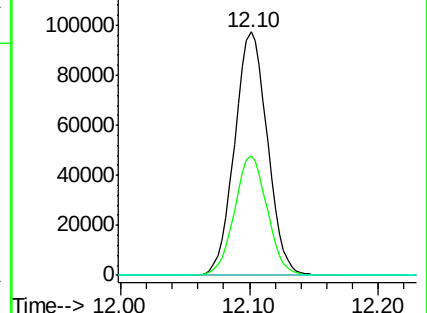
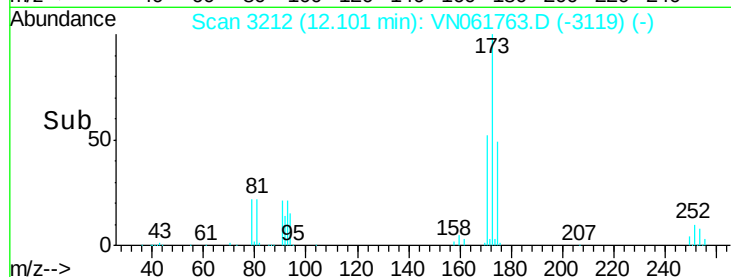
173 100

175 48.8 24.4 73.2

254 0.1 0.0 0.0#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.32 min Scan# 3590

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

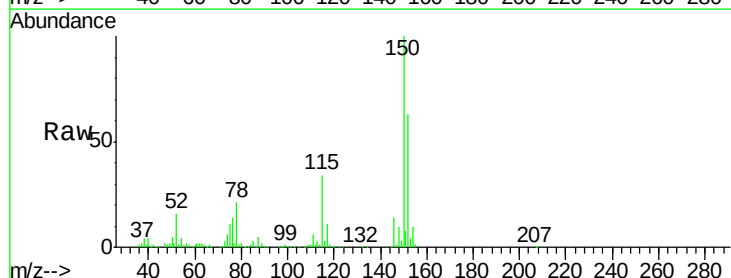
Tgt Ion:152 Resp: 258065

Ion Ratio Lower Upper

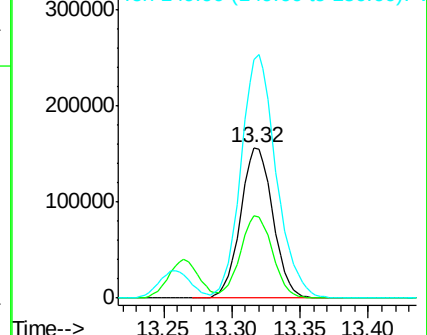
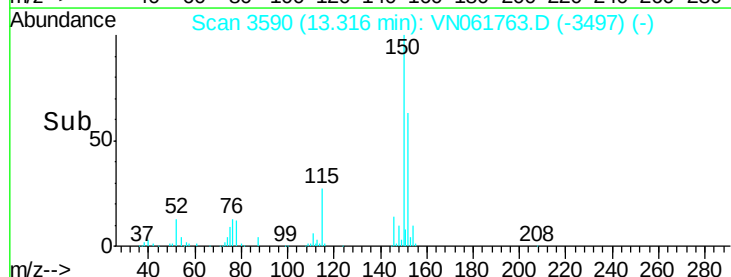
152 100

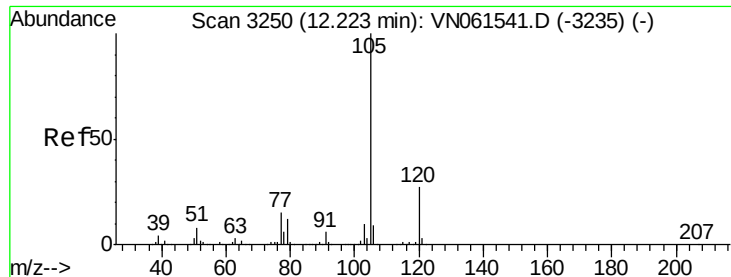
115 54.6 28.0 84.0

150 175.2 0.0 344.0



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





#73

Isopropylbenzene

Concen: 51.610 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

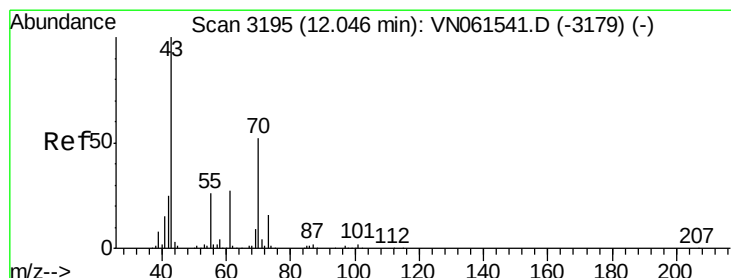
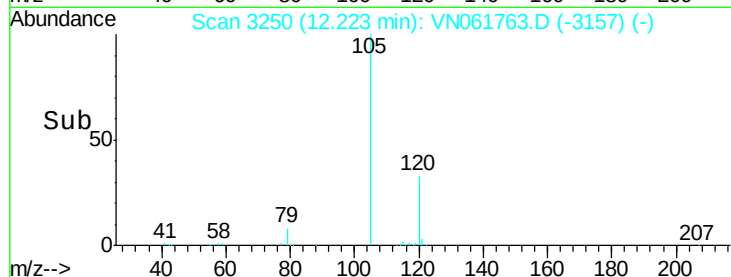
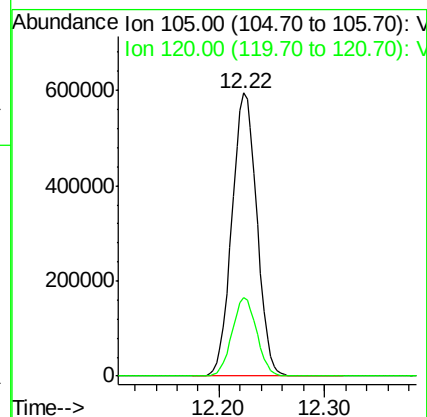
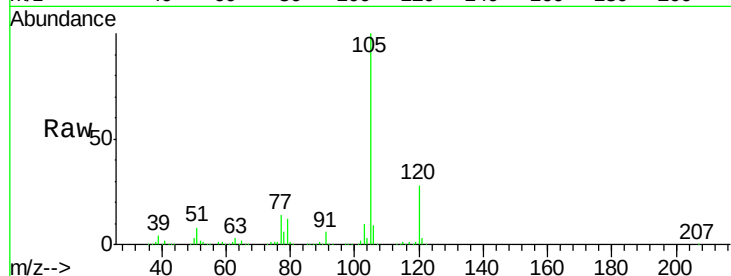
ClientSampled :

Tot Ion:105 Resp: 972097

Ion Ratio Lower Upper

105 100

120 27.3 13.8 41.3



#74

N-ethyl acetate

Concen: 45.681 ug/l

RT: 12.05 min Scan# 3195

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Tgt Ion: 43 Resp: 270967

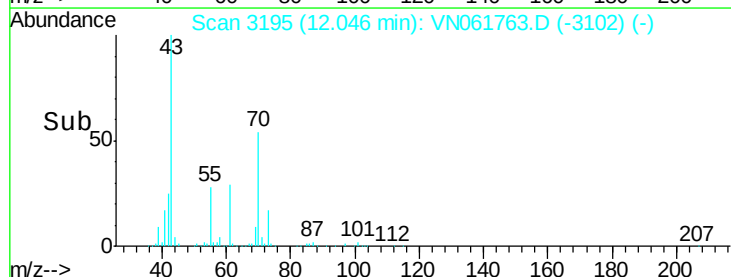
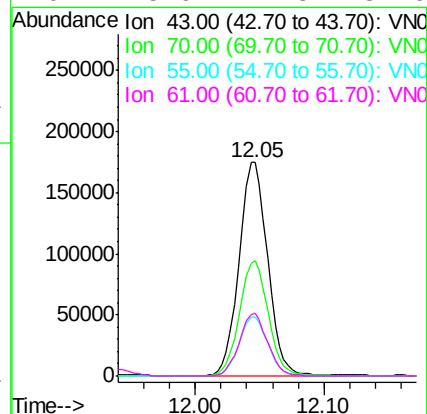
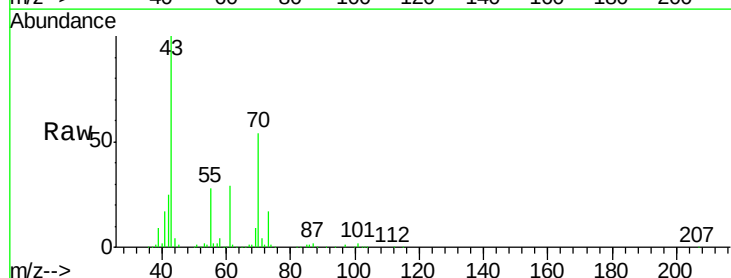
Ion Ratio Lower Upper

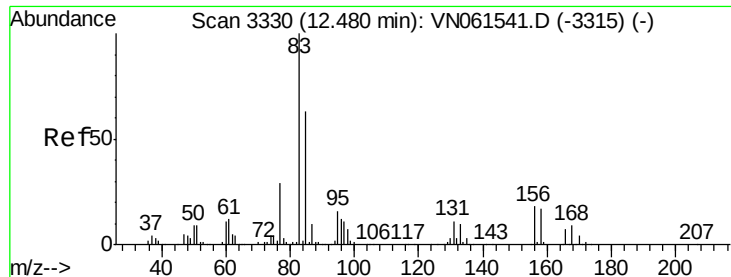
43 100

70 54.0 40.5 60.7

55 28.2 20.6 31.0

61 28.9 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 49.479 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

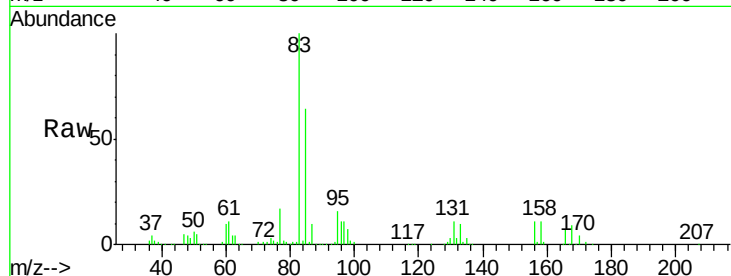
Tot Ion: 83 Resp: 261166

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.5

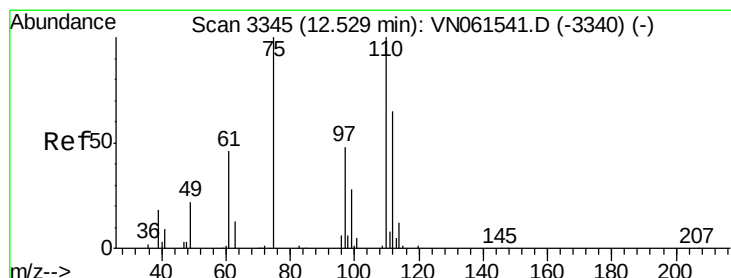
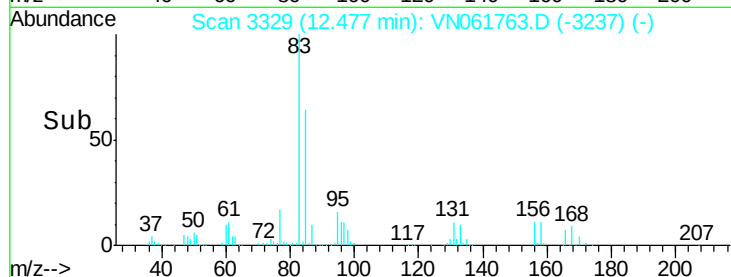
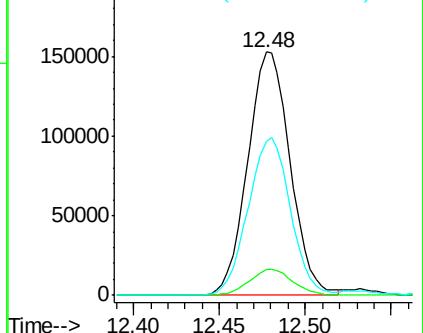
85 64.5 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN061763.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN061763.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN061763.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 71.690 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. 0.00 min

Lab File: VN061763.D

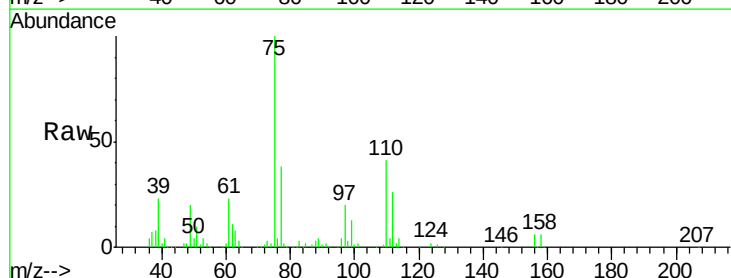
Acq: 11 Jun 2020 21:31

Tgt Ion: 75 Resp: 336416

Ion Ratio Lower Upper

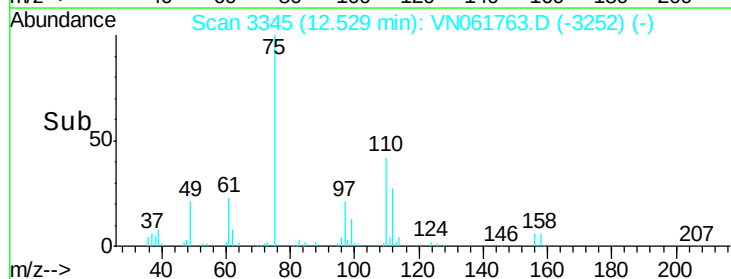
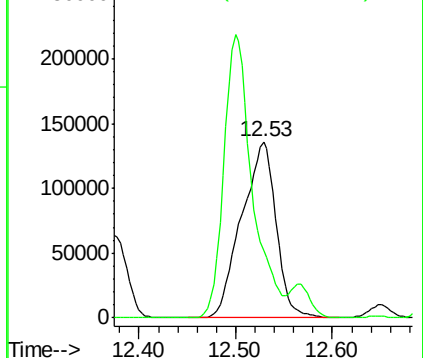
75 100

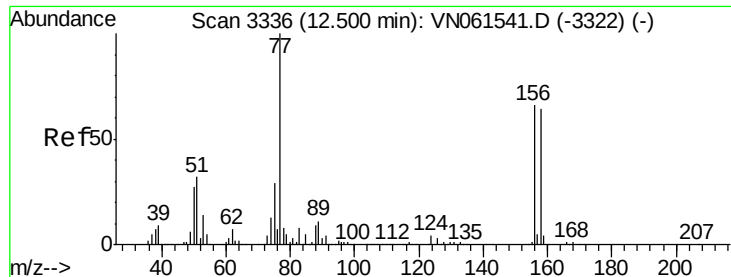
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061763.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061763.D (-3252) (-)

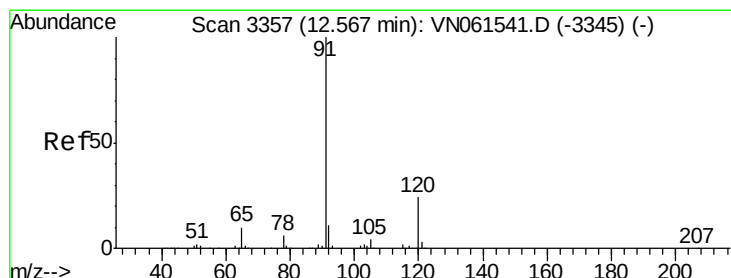
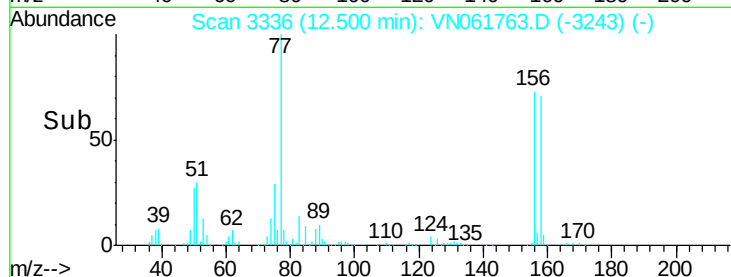
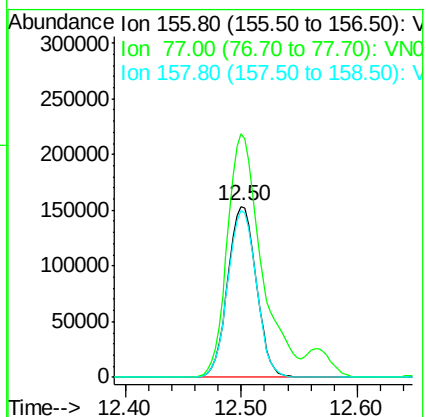
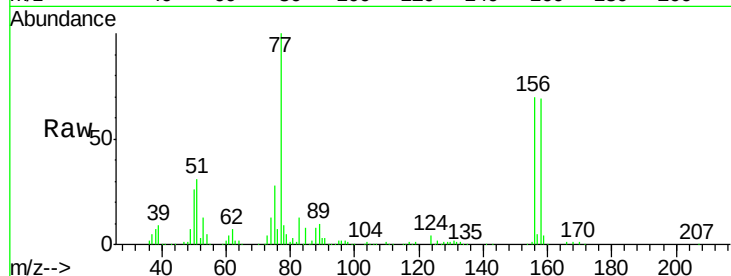




#77
Bromobenzene
Concen: 54.397 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

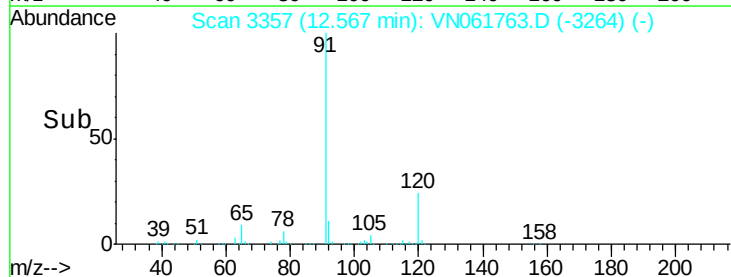
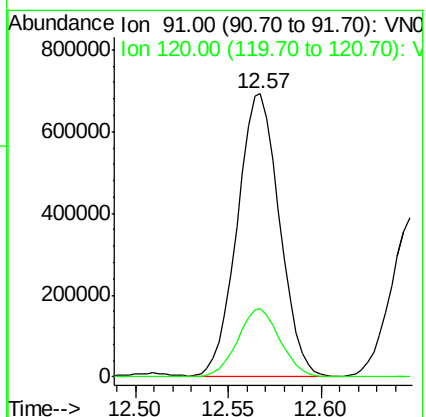
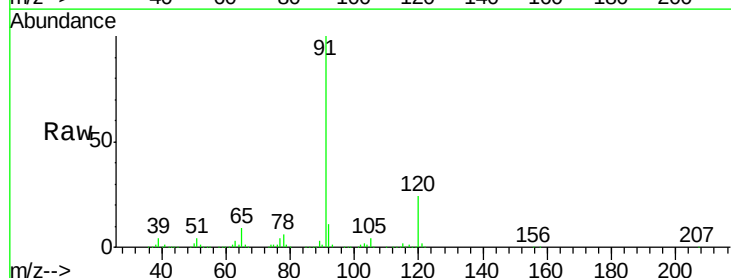
Instrument :
MSVOA_N
ClientSampleId :

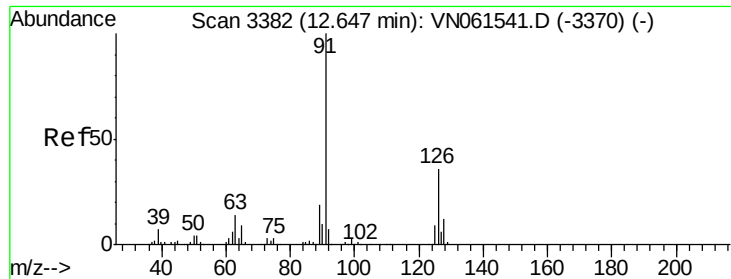
Tot Ion:156 Resp: 261536
Ion Ratio Lower Upper
156 100
77 170.8 90.9 272.7
158 97.8 48.4 145.3



#78
n-propylbenzene
Concen: 51.665 ug/l
RT: 12.57 min Scan# 3357
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion: 91 Resp: 1086372
Ion Ratio Lower Upper
91 100
120 24.2 12.3 36.9

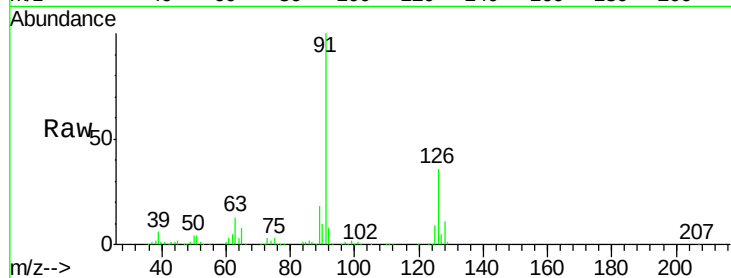




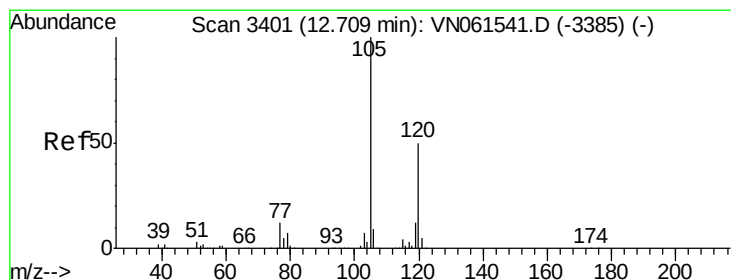
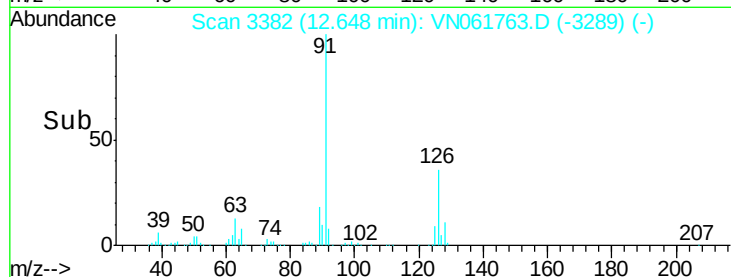
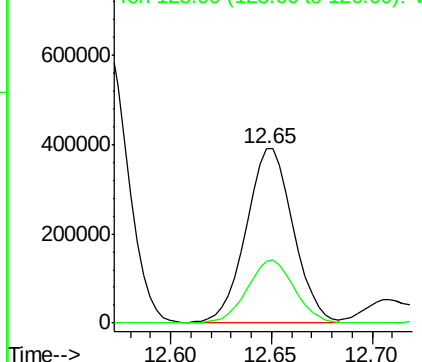
#79
 2-Chlorotoluene
 Concen: 50.458 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 91 Resp: 632659
 Ion Ratio Lower Upper
 91 100
 126 36.7 17.9 53.7

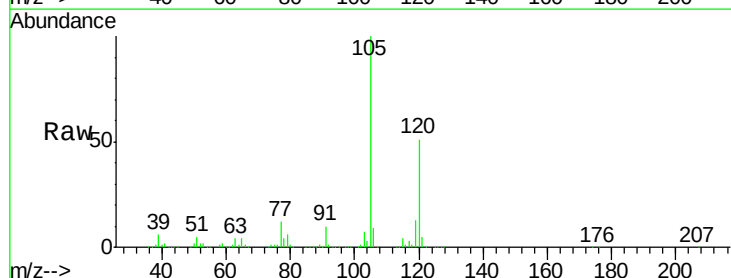


Abundance Ion 91.00 (90.70 to 91.70): VN061541.D (-3370) (-)
 Ion 125.90 (125.60 to 126.60): VN061541.D (-3370) (-)

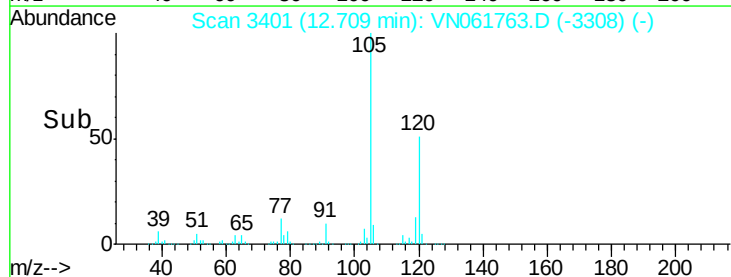
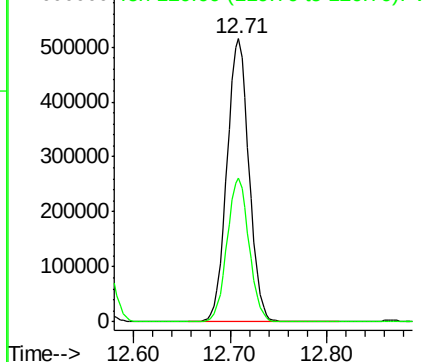


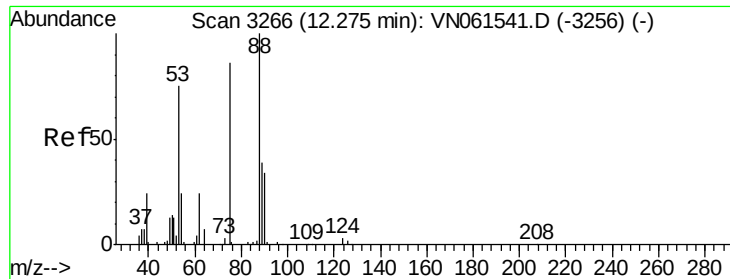
#80
 1,3,5-Trimethylbenzene
 Concen: 51.598 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Tgt Ion: 105 Resp: 812295
 Ion Ratio Lower Upper
 105 100
 120 50.8 25.1 75.2



Abundance Ion 105.00 (104.70 to 105.70): VN061541.D (-3385) (-)
 Ion 120.00 (119.70 to 120.70): VN061541.D (-3385) (-)

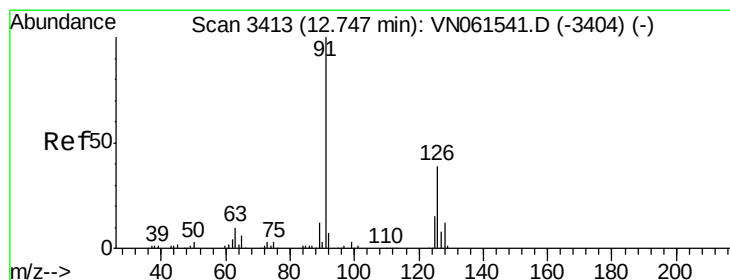
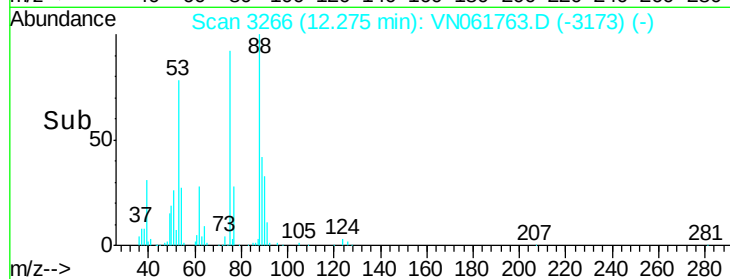
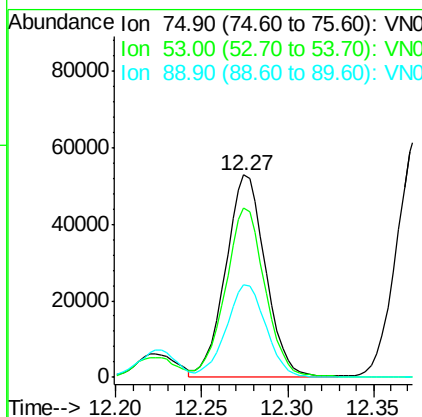
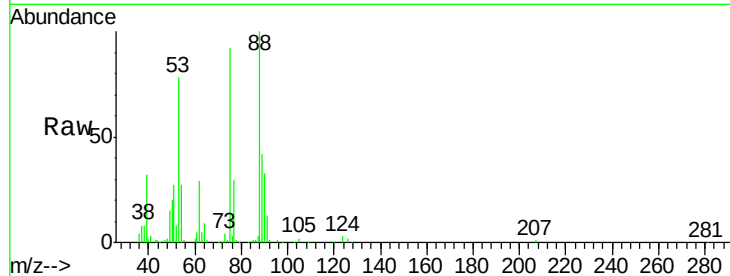




#81
trans-1,4-Dichloro-2-butene
Concen: 46.752 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

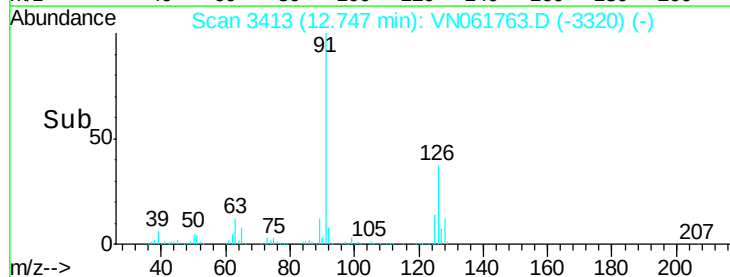
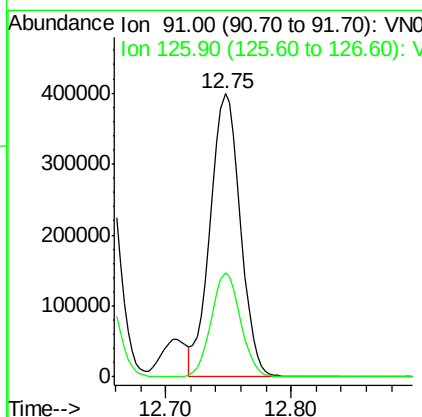
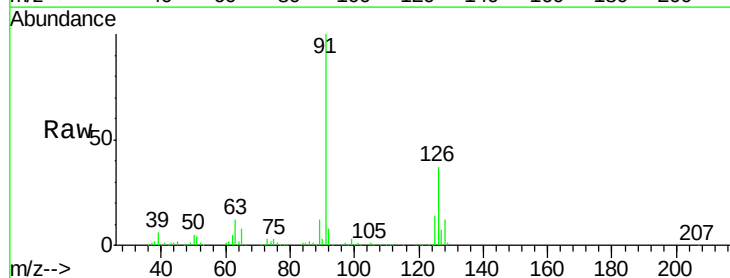
Instrument :
MSVOA_N
ClientSampled :

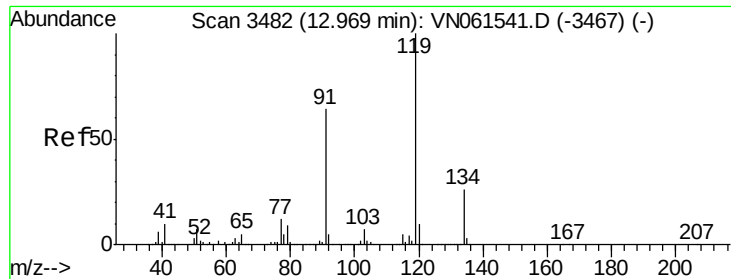
Tot Ion: 75 Resp: 85790
Ion Ratio Lower Upper
75 100
53 82.9 67.8 101.8
89 45.5 37.1 55.7



#82
4-Chlorotoluene
Concen: 50.308 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion: 91 Resp: 663581
Ion Ratio Lower Upper
91 100
126 35.9 17.5 52.6

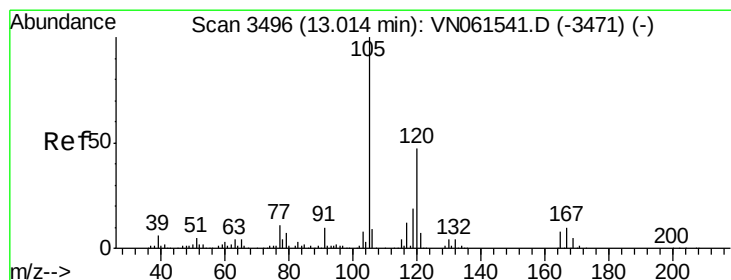
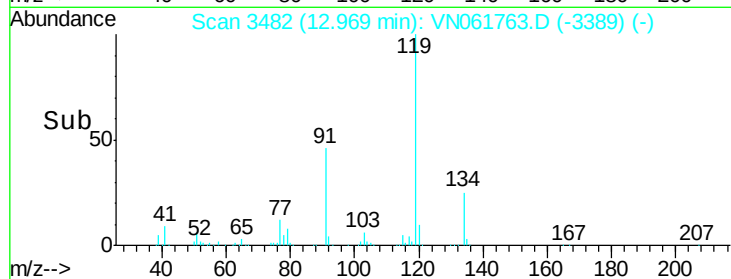
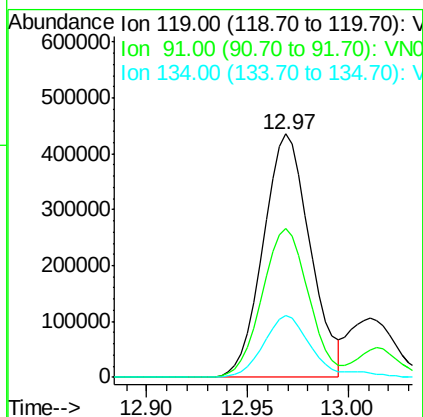
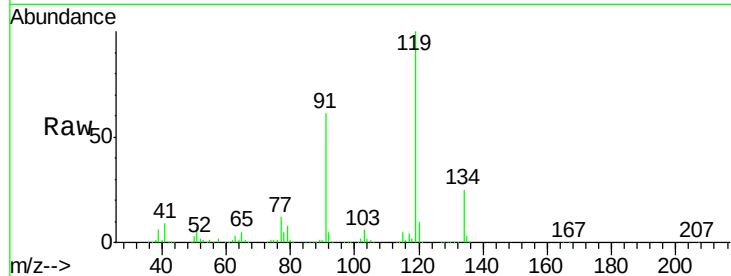




#83
 tert-Butylbenzene
 Concen: 50.630 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

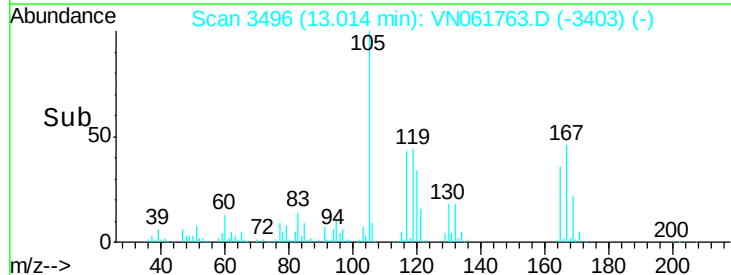
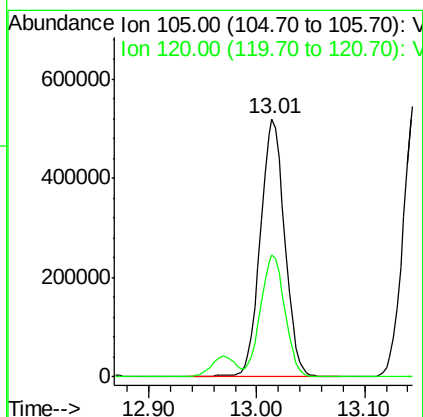
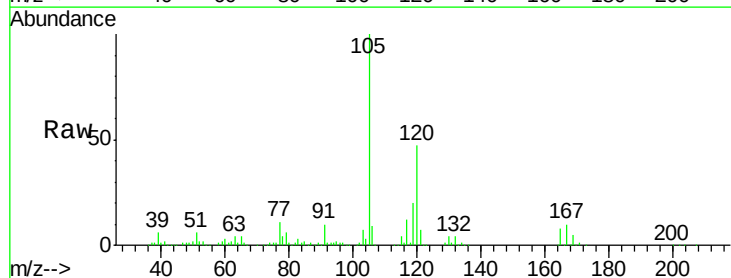
Instrument :
 MSVOA_N
 ClientSampled :

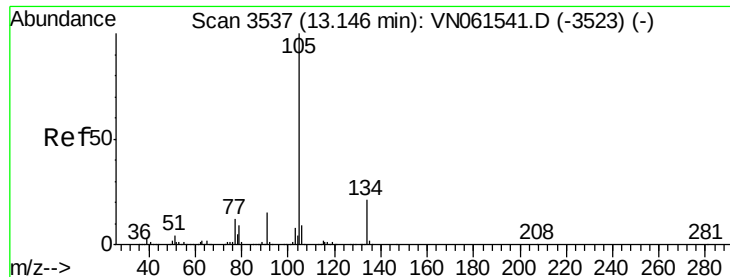
Tot Ion:119 Resp: 704235
 Ion Ratio Lower Upper
 119 100
 91 61.1 31.3 93.8
 134 26.3 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 52.161 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Tgt Ion:105 Resp: 815772
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.2 69.5





#85

sec-Butylbenzene

Concen: 50.441 ug/l

RT: 13.15 min Scan# 3538

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

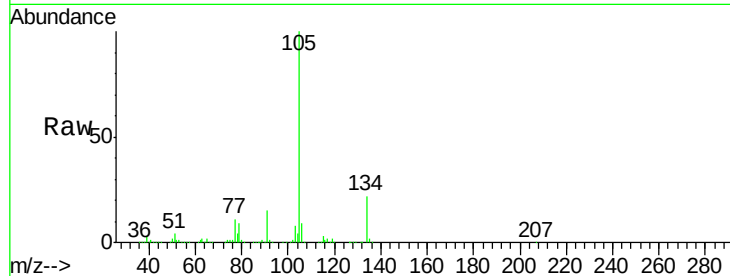
ClientSampled :

Tot Ion:105 Resp: 904087

Ion Ratio Lower Upper

105 100

134 21.0 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

13.15

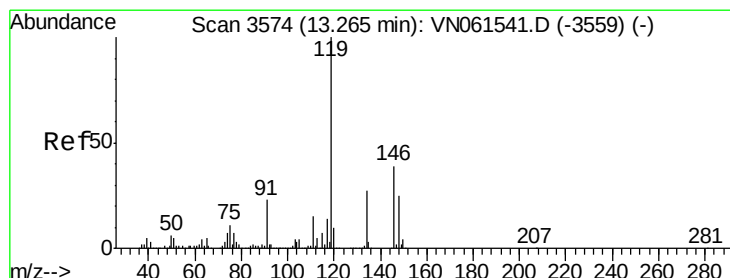
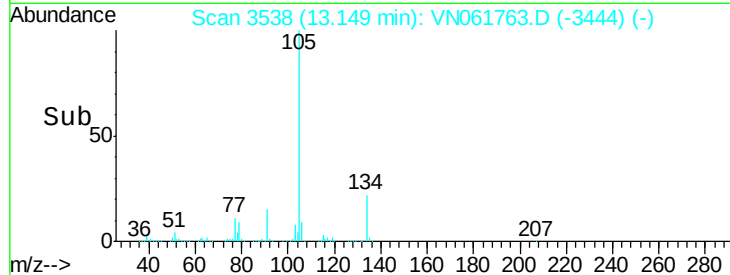
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 50.940 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

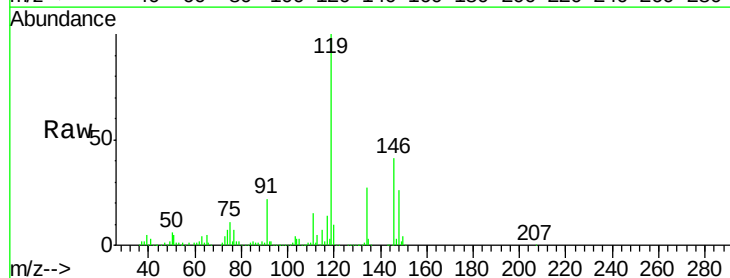
Tgt Ion:119 Resp: 840823

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

91 22.2 11.4 34.1



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

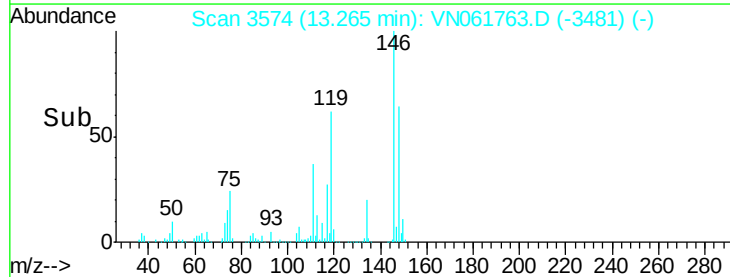
600000

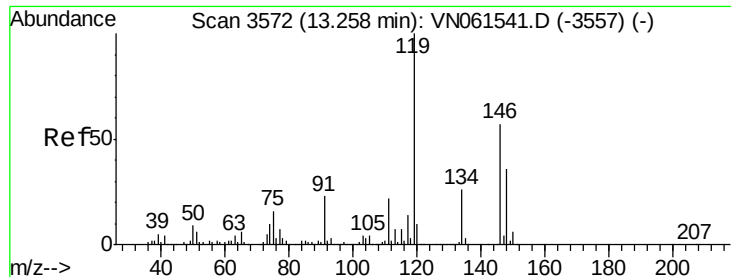
400000

200000

0

Time-->

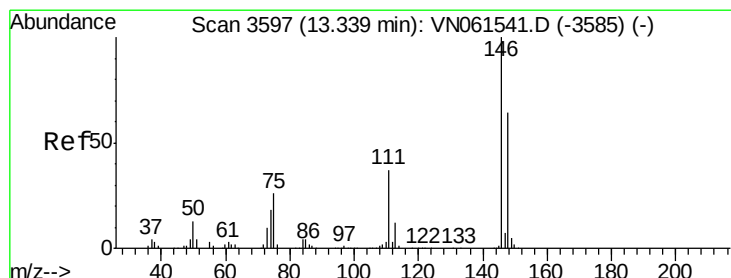
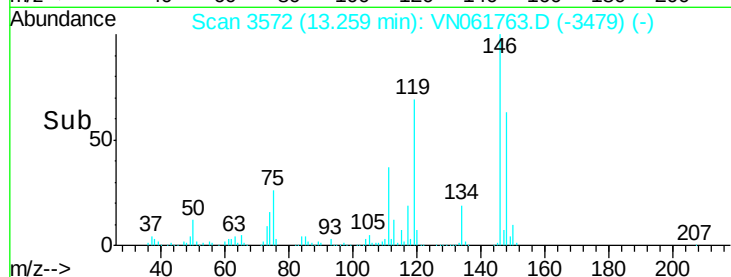
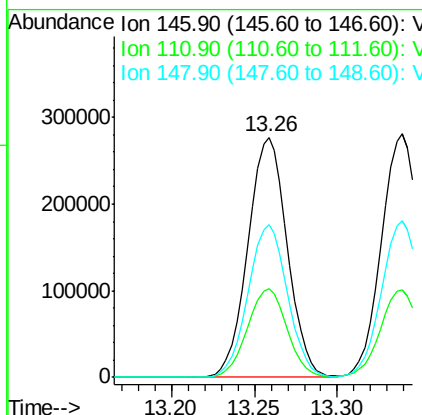
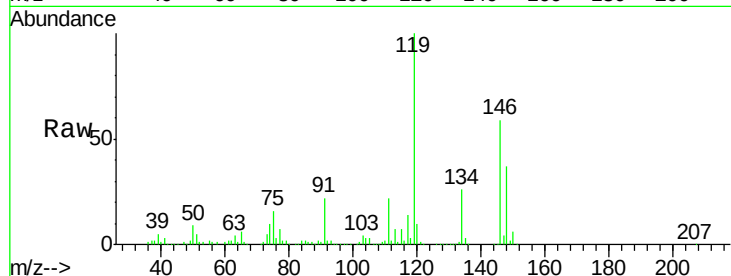




#87
 1,3-Dichlorobenzene
 Concen: 53.768 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

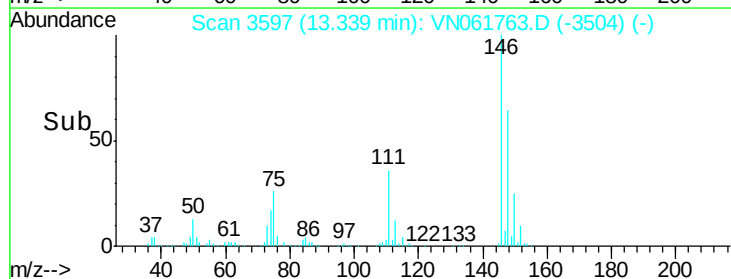
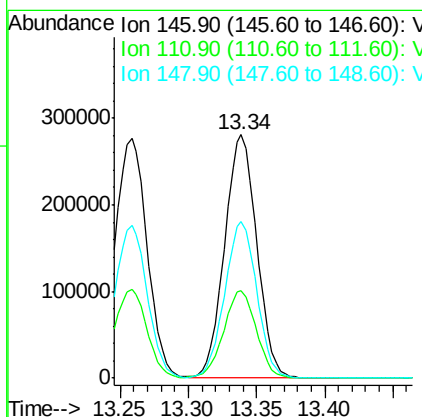
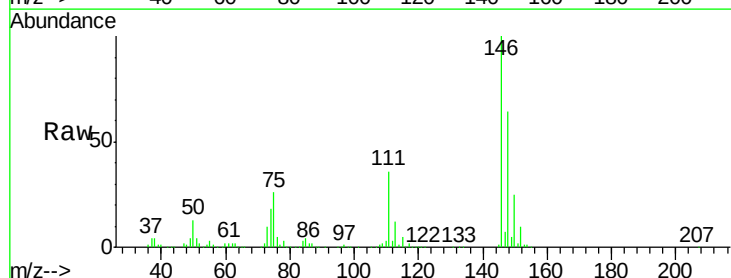
Instrument :
 MSVOA_N
 ClientSampleId :

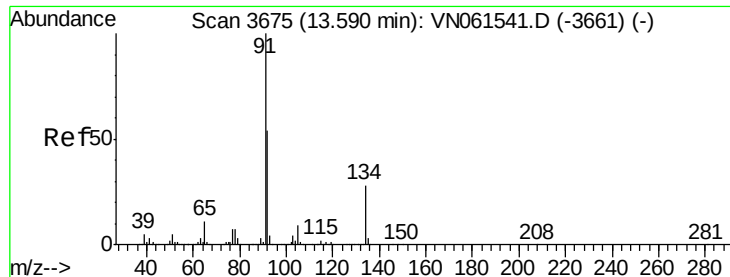
Tot Ion:146 Resp: 457770
 Ion Ratio Lower Upper
 146 100
 111 37.2 19.2 57.6
 148 63.8 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 52.881 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Tgt Ion:146 Resp: 458648
 Ion Ratio Lower Upper
 146 100
 111 36.6 18.9 56.9
 148 64.5 31.8 95.3

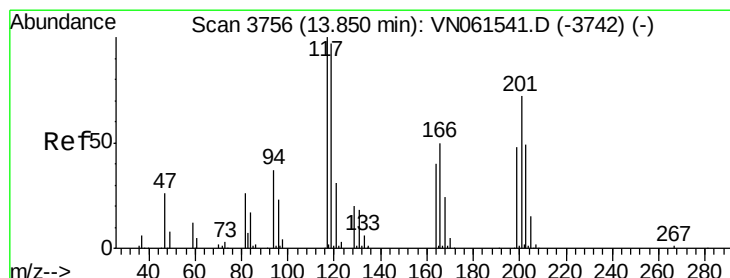
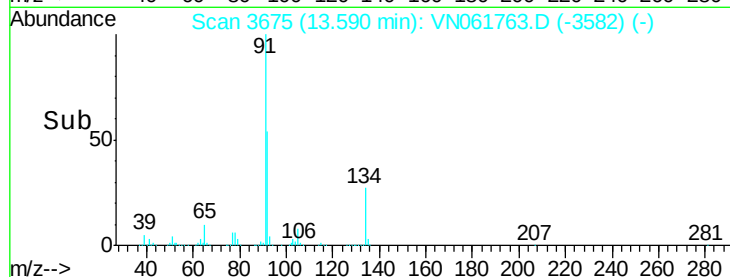
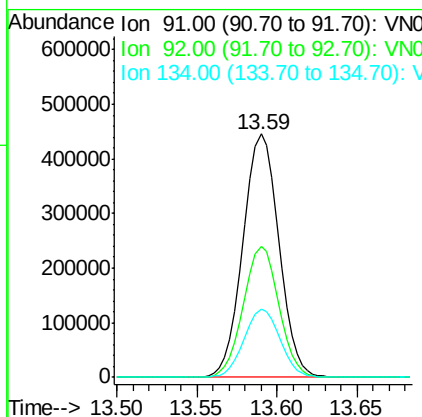
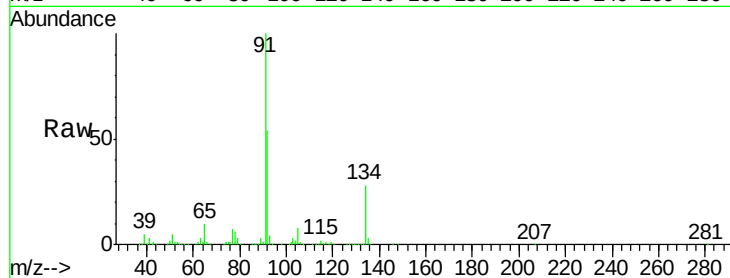




#89
n-Butylbenzene
Concen: 49.215 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

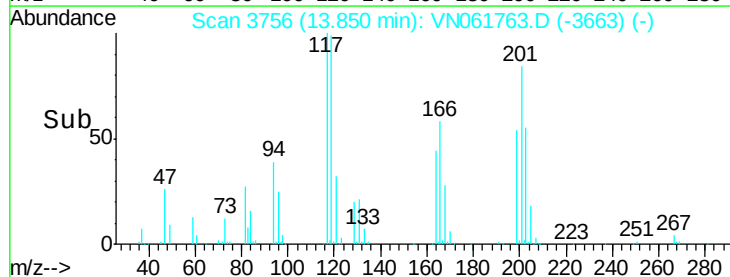
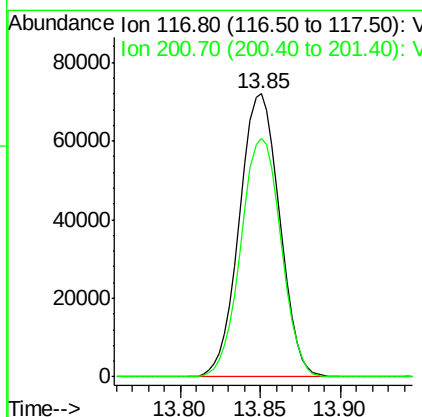
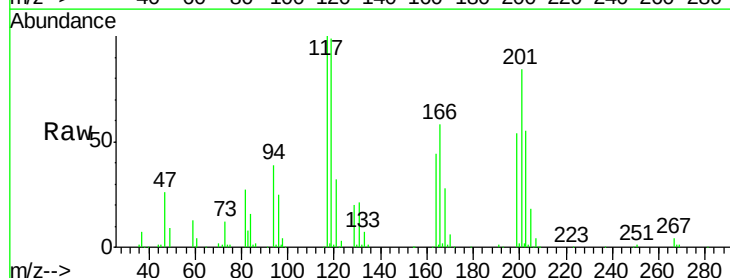
Instrument :
MSVOA_N
ClientSampled :

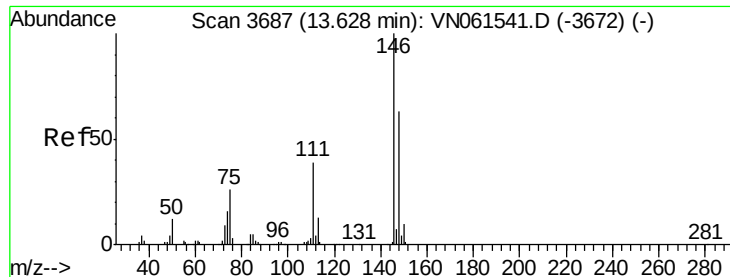
Tot Ion: 91 Resp: 680420
Ion Ratio Lower Upper
91 100
92 53.5 27.2 81.6
134 28.0 14.0 42.0



#90
Hexachloroethane
Concen: 67.630 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. 0.00 min
Lab File: VN061763.D
Acq: 11 Jun 2020 21:31

Tgt Ion: 117 Resp: 123455
Ion Ratio Lower Upper
117 100
201 84.2 36.7 110.1





#91

1,2-Dichlorobenzene

Concen: 54.152 ug/l

RT: 13.63 min Scan# 3687

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

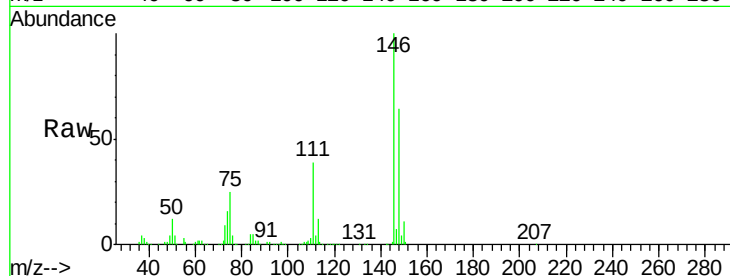
Tot Ion:146 Resp: 440591

Ion Ratio Lower Upper

146 100

111 38.4 20.1 60.2

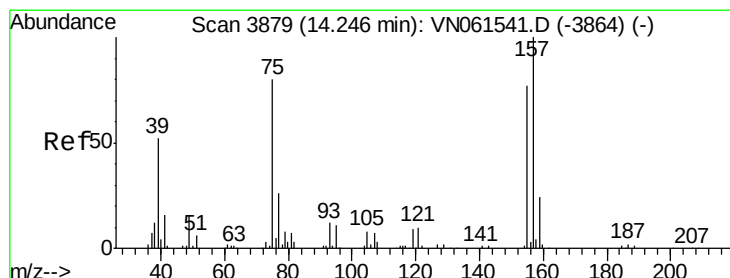
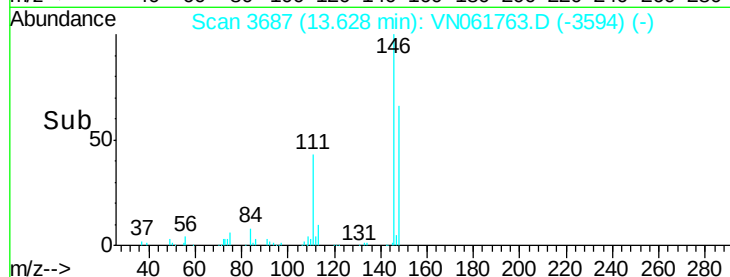
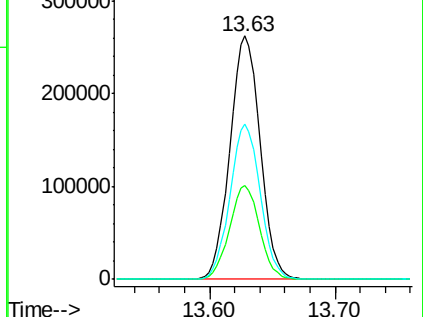
148 63.8 31.9 95.5



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: 42.946 ug/l

RT: 14.25 min Scan# 3879

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

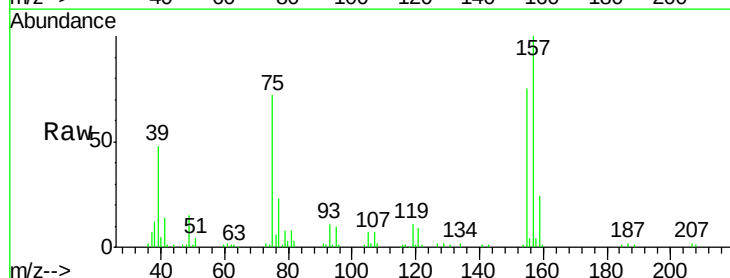
Tgt Ion: 75 Resp: 46230

Ion Ratio Lower Upper

75 100

155 102.9 47.1 141.4

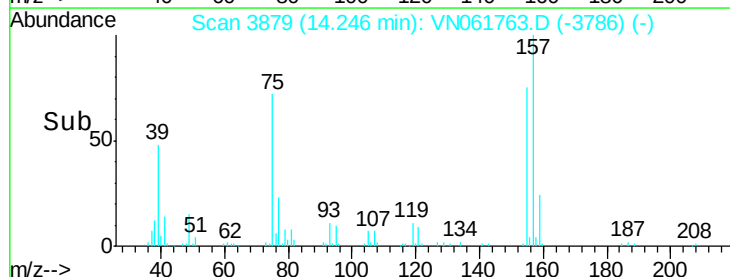
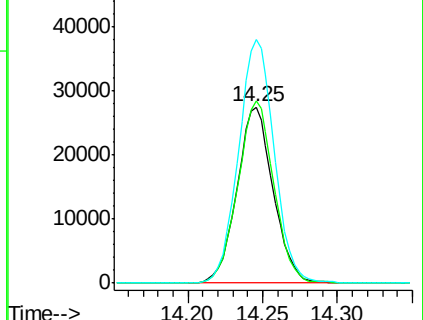
157 136.6 60.3 180.8

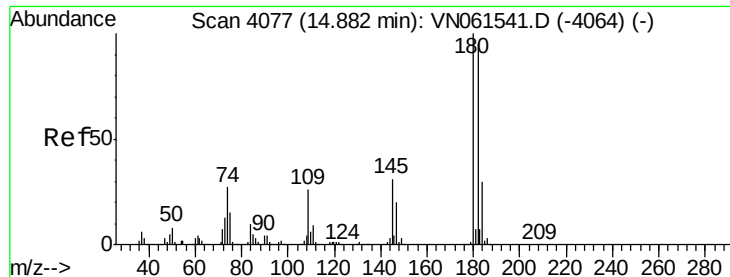


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

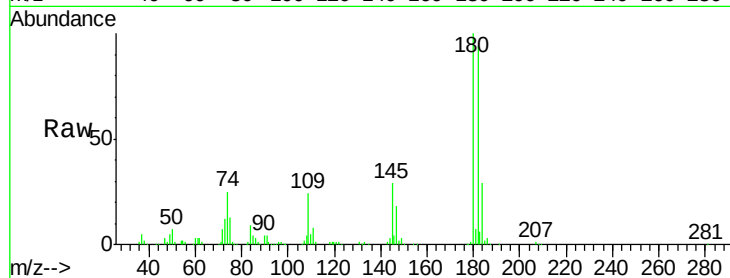




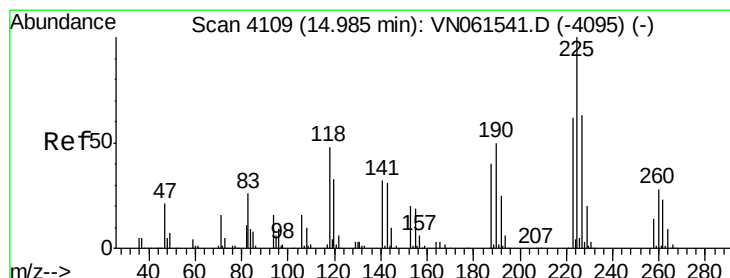
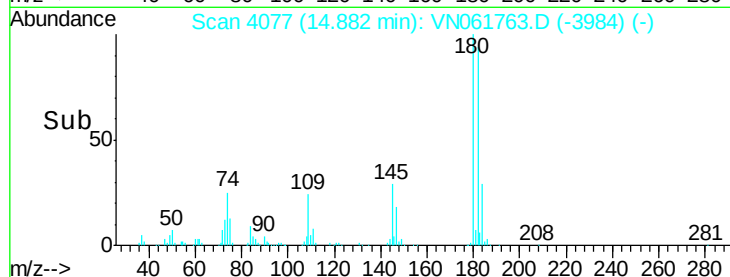
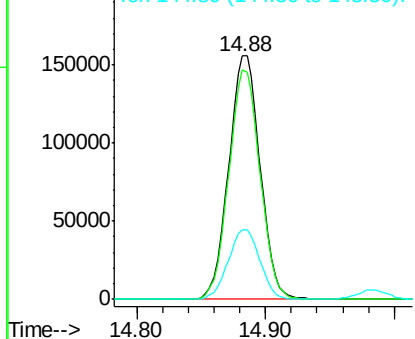
#93
 1,2,4-Trichlorobenzene
 Concen: 55.121 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Instrument :
 MSVOA_N
 ClientSampled :

Tot Ion:180 Resp: 262289
 Ion Ratio Lower Upper
 180 100
 182 93.8 47.8 143.3
 145 29.0 15.5 46.5

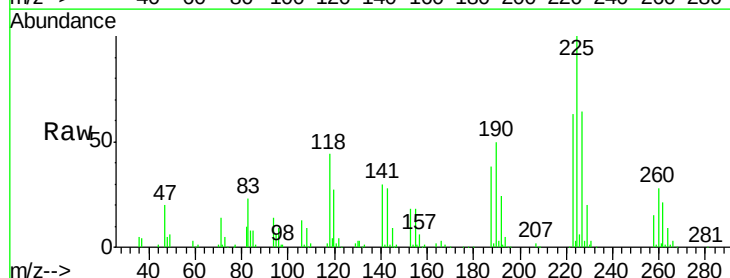


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

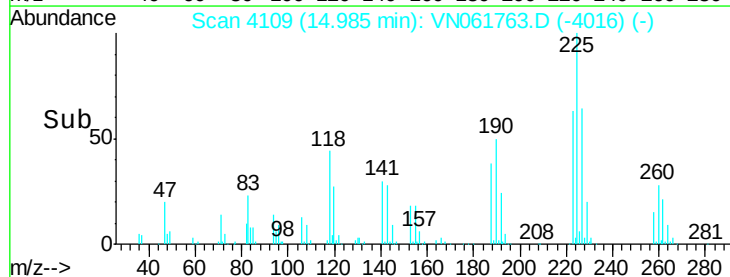
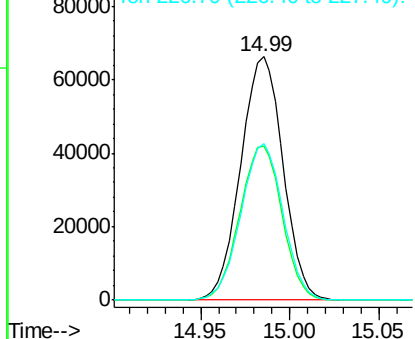


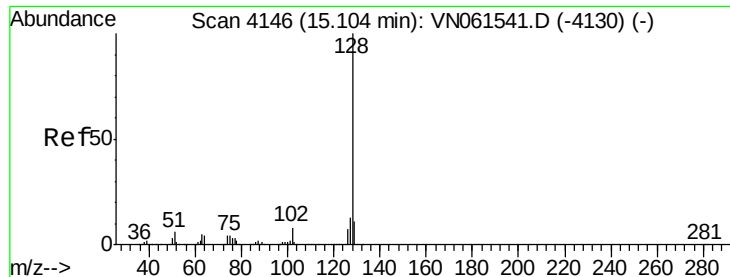
#94
 Hexachlorobutadiene
 Concen: 54.035 ug/l
 RT: 14.99 min Scan# 4109
 Delta R.T. 0.00 min
 Lab File: VN061763.D
 Acq: 11 Jun 2020 21:31

Tgt Ion:225 Resp: 109659
 Ion Ratio Lower Upper
 225 100
 223 63.3 31.9 95.5
 227 63.9 31.9 95.9



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 51.260 ug/l

RT: 15.10 min Scan# 4146

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

Instrument :

MSVOA_N

ClientSampleId :

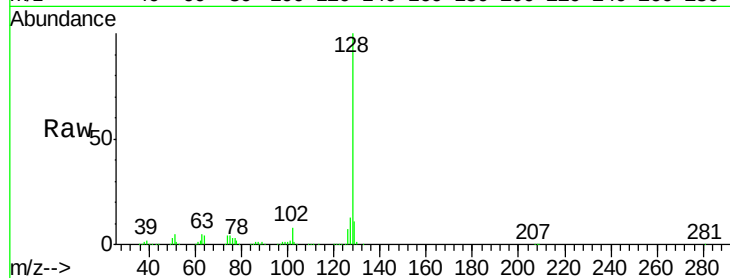
Tot Ion:128 Resp: 742418

Ion Ratio Lower Upper

128 100

127 12.8 10.0 15.0

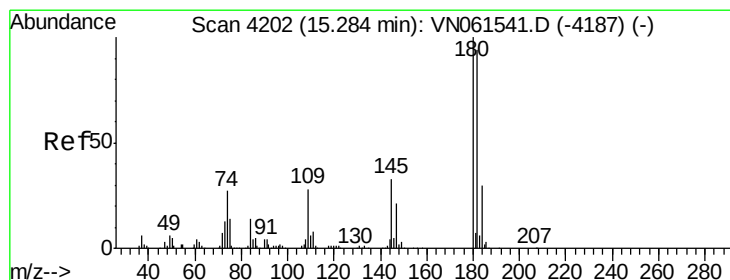
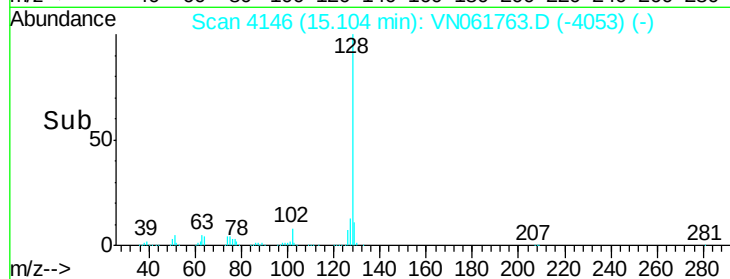
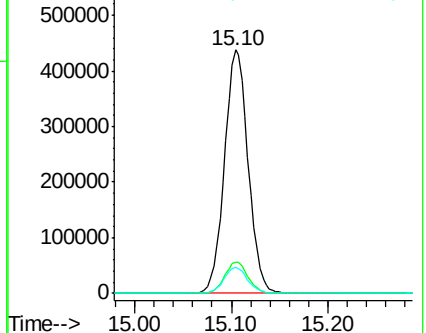
129 10.7 8.5 12.7



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 54.818 ug/l

RT: 15.28 min Scan# 4202

Delta R.T. 0.00 min

Lab File: VN061763.D

Acq: 11 Jun 2020 21:31

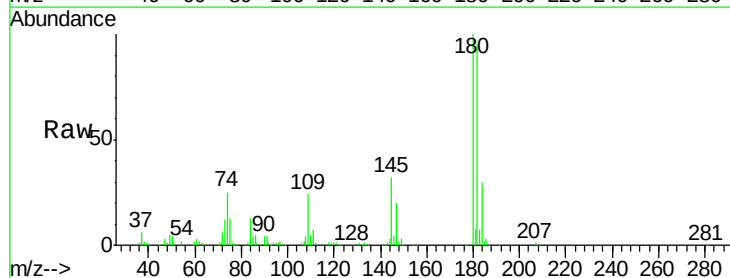
Tgt Ion:180 Resp: 256466

Ion Ratio Lower Upper

180 100

182 95.3 47.1 141.3

145 32.0 16.3 48.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

