

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
 Data File : VN061608.D
 Acq On : 2 Jun 2020 9:47
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 03 00:40:01 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	7.62	168	381208	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.54	114	615148	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	586159	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	304113	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	7.98	65	192831	42.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.92%	
35) Dibromofluoromethane	7.54	113	150329	48.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.34%	
50) Toluene-d8	10.06	98	661450	45.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.48%	
62) 4-Bromofluorobenzene	12.37	95	246264	46.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.83	85	207988	47.318	ug/l	99
3) Chloromethane	2.03	50	214724	46.182	ug/l	100
4) Vinyl Chloride	2.16	62	298442	46.840	ug/l	100
5) Bromomethane	2.53	94	182673	49.964	ug/l	99
6) Chloroethane	2.67	64	187347	45.682	ug/l	100
7) Trichlorofluoromethane	2.98	101	405537	49.358	ug/l	98
8) Diethyl Ether	3.37	74	115878	46.123	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.71	101	182586	50.078	ug/l	99
10) Methyl Iodide	3.91	142	236137	46.655	ug/l	99
11) Tert butyl alcohol	4.73	59	142544	235.954	ug/l	100
12) 1,1-Dichloroethene	3.69	96	179169	45.996	ug/l	99
13) Acrolein	3.56	56	38435	215.380	ug/l	99
14) Allyl chloride	4.27	41	233692	45.889	ug/l	98
15) Acrylonitrile	4.92	53	381706	226.368	ug/l	99
16) Acetone	3.77	43	358178	287.066	ug/l	99
17) Carbon Disulfide	4.00	76	393394	45.904	ug/l	99
18) Methyl Acetate	4.27	43	178080	43.312	ug/l	99
19) Methyl tert-butyl Ether	4.99	73	621812	46.839	ug/l	98
20) Methylene Chloride	4.50	84	204153	49.434	ug/l	98
21) trans-1,2-Dichloroethene	4.98	96	209784	47.756	ug/l	95
22) Diisopropyl ether	5.90	45	534337	47.607	ug/l	99
23) Vinyl Acetate	5.84	43	2017205	225.492	ug/l	98
24) 1,1-Dichloroethane	5.79	63	337954	47.483	ug/l	100
25) 2-Butanone	6.78	43	505493	234.838	ug/l	97
26) 2,2-Dichloropropane	6.77	77	330507	50.736	ug/l	99
27) cis-1,2-Dichloroethene	6.77	96	243098	48.871	ug/l	99
28) Bromochloromethane	7.15	49	168092	63.281	ug/l	95
29) Tetrahydrofuran	7.16	42	302561	213.160	ug/l	97
30) Chloroform	7.32	83	384217	48.795	ug/l	99
31) Cyclohexane	7.61	56	298276	46.598	ug/l	97
32) 1,1,1-Trichloroethane	7.52	97	352677	49.155	ug/l	99
36) 1,1-Dichloropropene	7.75	75	279429	51.312	ug/l	99
37) Ethyl Acetate	6.88	43	204933	46.723	ug/l	99
38) Carbon Tetrachloride	7.73	117	293283	55.834	ug/l	98

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 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	9.04	83	359407	53.546	ug/l	97
40) Benzene	8.00	78	849483	50.557	ug/l	99
41) Methacrylonitrile	7.16	41	282190	140.424	ug/l #	8
42) 1,2-Dichloroethane	8.08	62	279484	49.684	ug/l	100
43) Isopropyl Acetate	8.12	43	367446	46.565	ug/l	97
44) Trichloroethene	8.80	130	266931	51.693	ug/l	100
45) 1,2-Dichloropropane	9.08	63	200789	50.326	ug/l	99
46) Dibromomethane	9.17	93	152948	49.984	ug/l	99
47) Bromodichloromethane	9.37	83	313103	51.646	ug/l	99
48) Methyl methacrylate	9.16	41	162014	45.634	ug/l	99
49) 1,4-Dioxane	9.16	88	60760	1104.712	ug/l	98
51) 4-Methyl-2-Pentanone	9.95	43	1031918	232.056	ug/l	99
52) Toluene	10.12	92	577862	52.693	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	342365	52.423	ug/l	98
54) cis-1,3-Dichloropropene	9.81	75	361058	51.417	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	220667	50.505	ug/l	98
56) Ethyl methacrylate	10.40	69	312540	51.208	ug/l	98
57) 1,3-Dichloropropane	10.68	76	359189	51.401	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.66	63	552882	211.976	ug/l	99
59) 2-Hexanone	10.72	43	780670	244.448	ug/l	98
60) Dibromochloromethane	10.87	129	267817	53.918	ug/l	99
61) 1,2-Dibromoethane	10.98	107	239271	52.508	ug/l	100
64) Tetrachloroethene	10.60	164	292736	53.055	ug/l	99
65) Chlorobenzene	11.40	112	636102	52.208	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	241913	53.323	ug/l	99
67) Ethyl Benzene	11.48	91	1108494	52.638	ug/l	99
68) m/p-Xylenes	11.59	106	880417	105.440	ug/l	99
69) o-Xylene	11.92	106	426025	53.718	ug/l	98
70) Styrene	11.94	104	712686	54.264	ug/l	99
71) Bromoform	12.10	173	186975	53.485	ug/l #	100
73) Isopropylbenzene	12.22	105	1126775	50.764	ug/l	100
74) N-amyl acetate	12.04	43	320853	45.901	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	282941	45.488	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	373779	67.592	ug/l #	100
77) Bromobenzene	12.50	156	292212	51.575	ug/l	96
78) n-propylbenzene	12.56	91	1262745	50.959	ug/l	100
79) 2-Chlorotoluene	12.65	91	725158	49.078	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	951409	51.283	ug/l	99
81) trans-1,4-Dichloro-2-buten	12.27	75	100046	46.265	ug/l	98
82) 4-Chlorotoluene	12.74	91	768728	49.455	ug/l	99
83) tert-Butylbenzene	12.97	119	821868	50.140	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	961224	52.155	ug/l	99
85) sec-Butylbenzene	13.15	105	1098894	52.026	ug/l	100
86) p-Isopropyltoluene	13.26	119	1037497	53.338	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	525797	52.407	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	525234	51.389	ug/l	99
89) n-Butylbenzene	13.59	91	873589	53.619	ug/l	99
90) Hexachloroethane	13.85	117	131723	61.233	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	496805	51.815	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	54586	43.030	ug/l	96

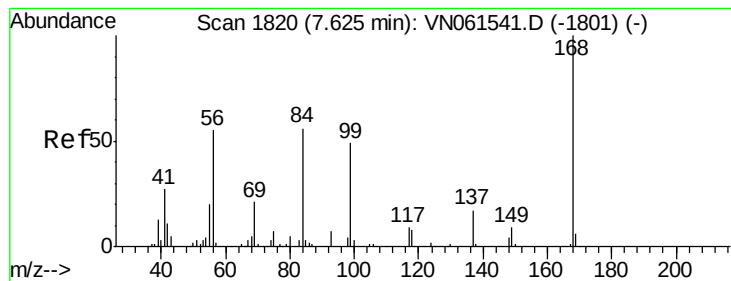
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	308634	55.040	ug/l	99
94) Hexachlorobutadiene	14.98	225	132131	55.250	ug/l	100
95) Naphthalene	15.10	128	848574	49.718	ug/l	100
96) 1,2,3-Trichlorobenzene	15.28	180	293476	53.231	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.62 min Scan# 1819

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

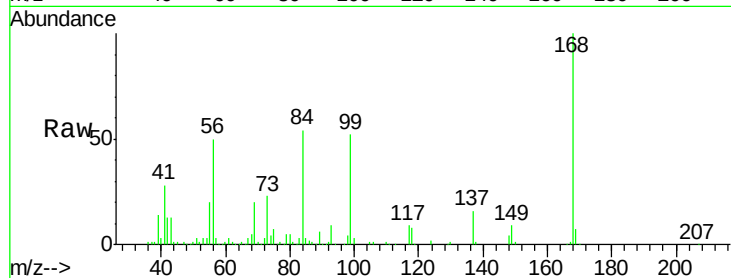
Instrument :
MSVOA_N
ClientSampled :

Tot Ion:168 Resp: 381208

Ion Ratio Lower Upper

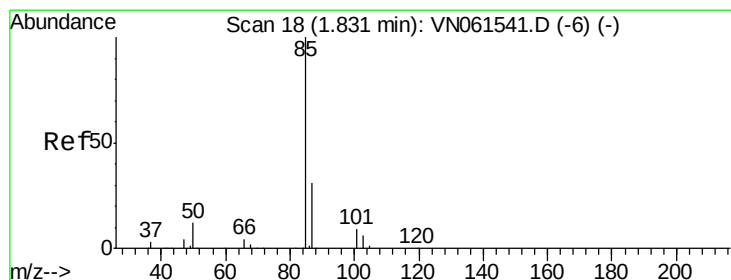
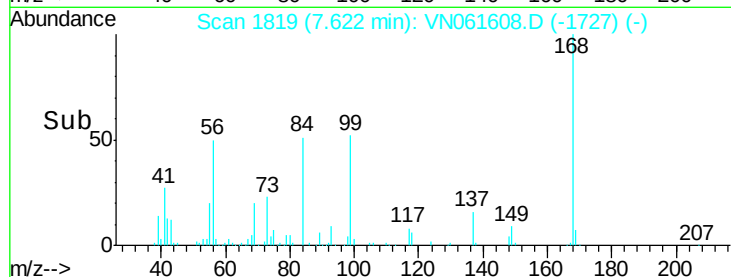
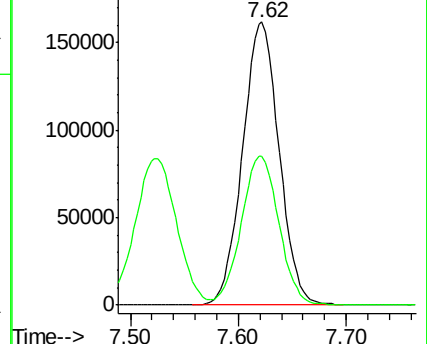
168 100

99 52.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO



#2

Dichlorodifluoromethane

Concen: 47.318 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061608.D

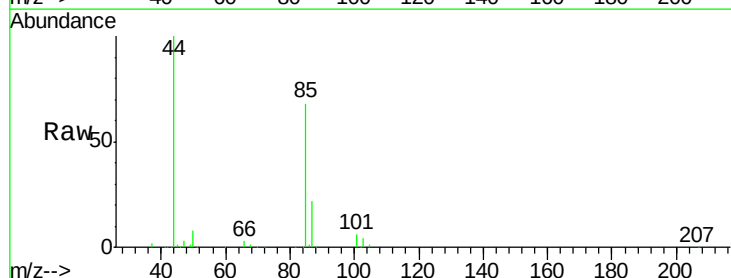
Acq: 2 Jun 2020 9:47

Tgt Ion: 85 Resp: 207988

Ion Ratio Lower Upper

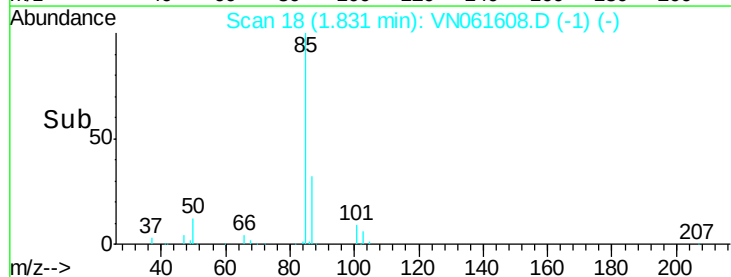
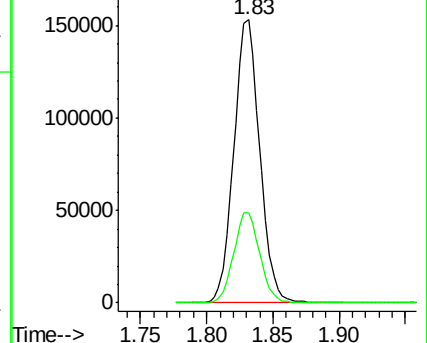
85 100

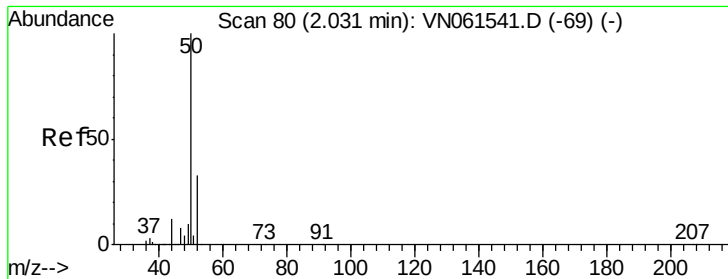
87 32.0 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO





#3

Chloromethane

Concen: 46.182 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

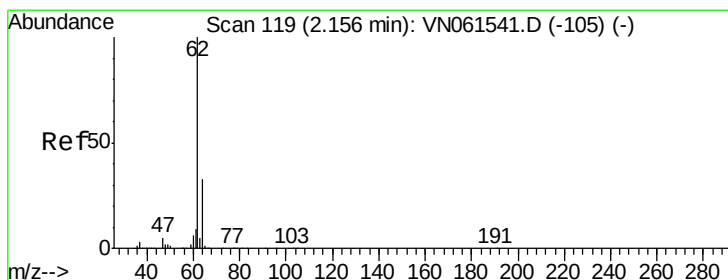
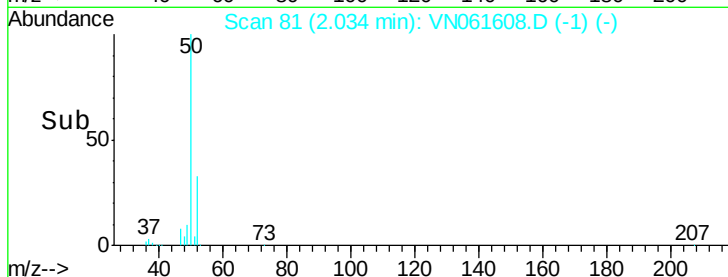
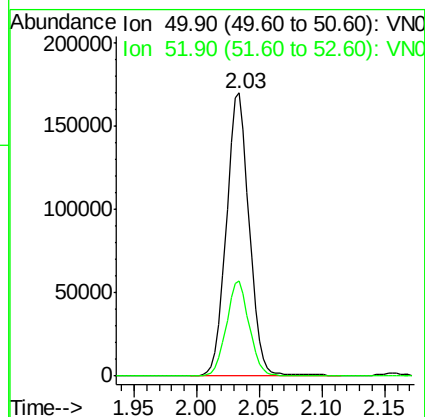
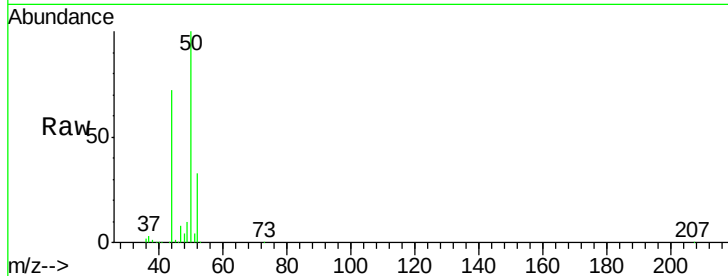
ClientSampleId :

Tot Ion: 50 Resp: 214724

Ion Ratio Lower Upper

50 100

52 33.5 26.7 40.1



#4

Vinyl Chloride

Concen: 46.840 ug/l

RT: 2.16 min Scan# 120

Delta R.T. 0.00 min

Lab File: VN061608.D

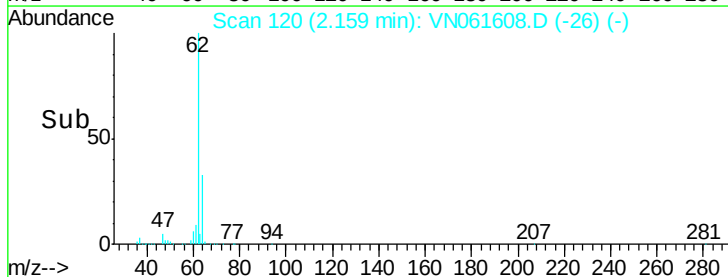
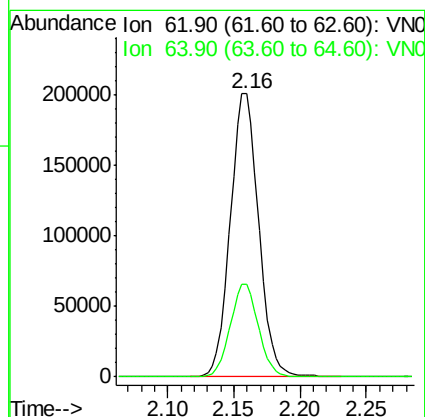
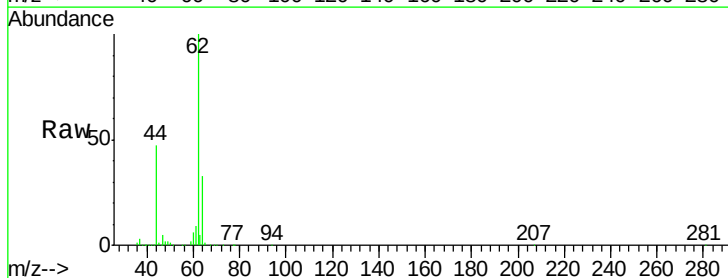
Acq: 2 Jun 2020 9:47

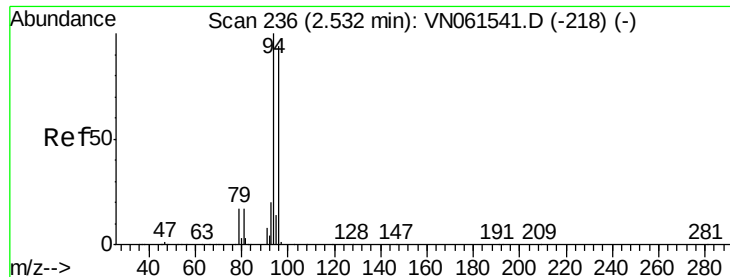
Tgt Ion: 62 Resp: 298442

Ion Ratio Lower Upper

62 100

64 32.9 26.2 39.2





#5

Bromomethane

Concen: 49.964 ug/l

RT: 2.53 min Scan# 235

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

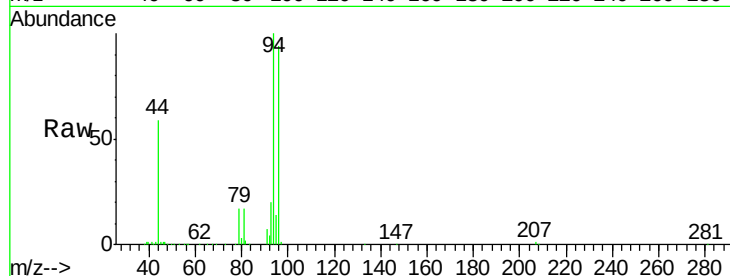
ClientSampled :

Tot Ion: 94 Resp: 182673

Ion Ratio Lower Upper

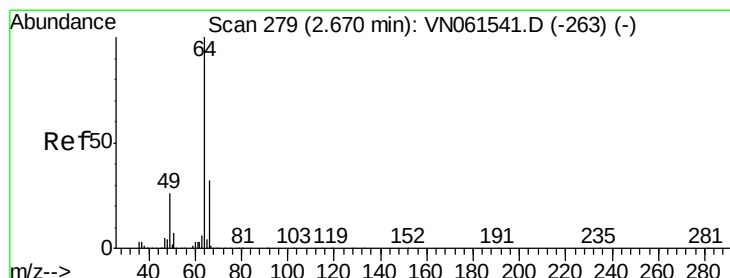
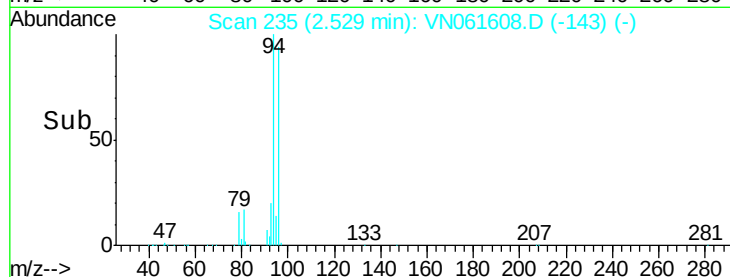
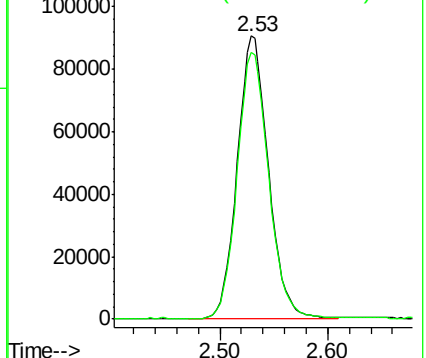
94 100

96 94.3 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: 45.682 ug/l

RT: 2.67 min Scan# 279

Delta R.T. 0.00 min

Lab File: VN061608.D

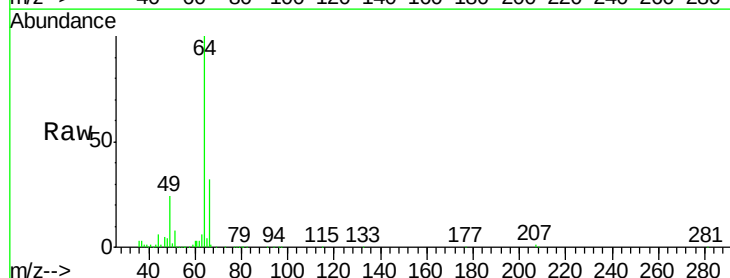
Acq: 2 Jun 2020 9:47

Tgt Ion: 64 Resp: 187347

Ion Ratio Lower Upper

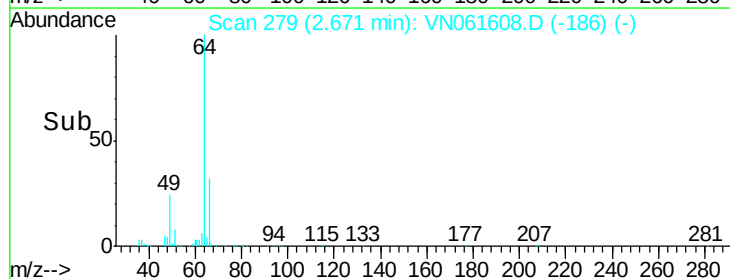
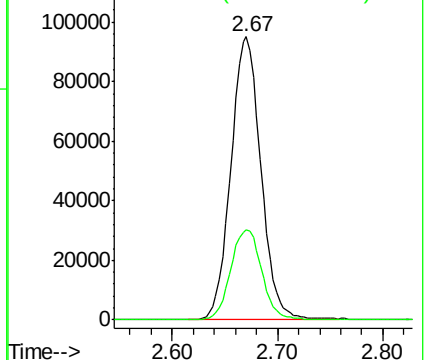
64 100

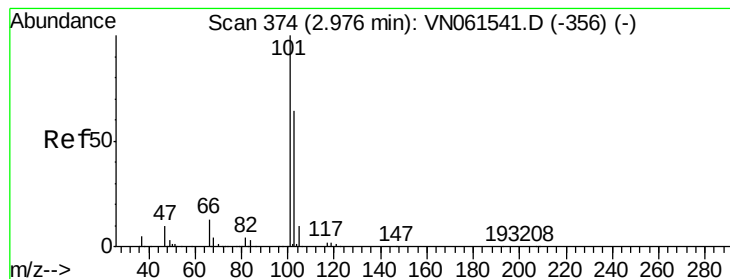
66 31.8 25.6 38.4



Abundance Ion 63.90 (63.60 to 64.60): VN0

Ion 65.90 (65.60 to 66.60): VN0



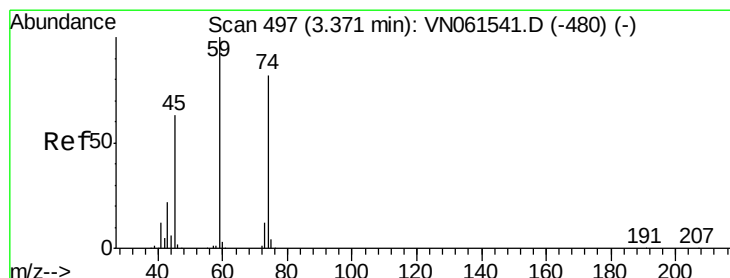
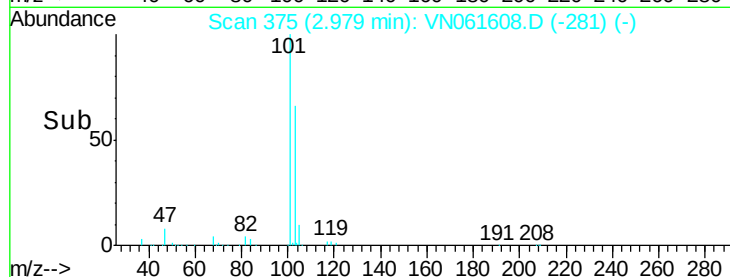
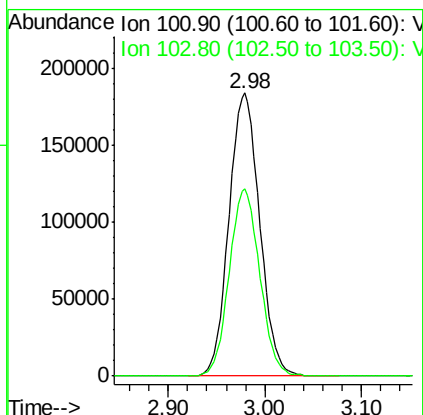
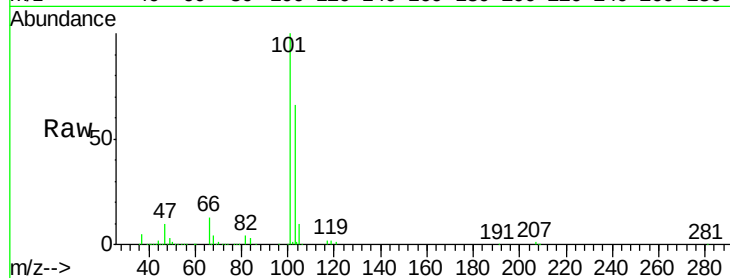


#7

Trichlorofluoromethane
Concen: 49.358 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :

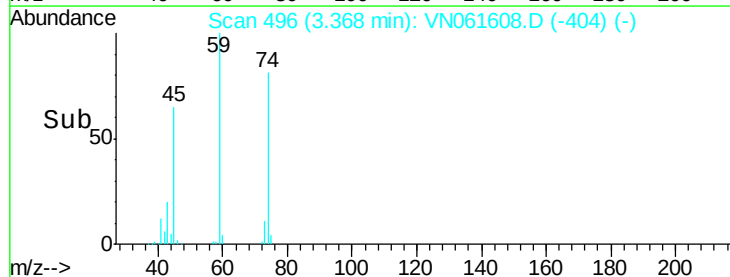
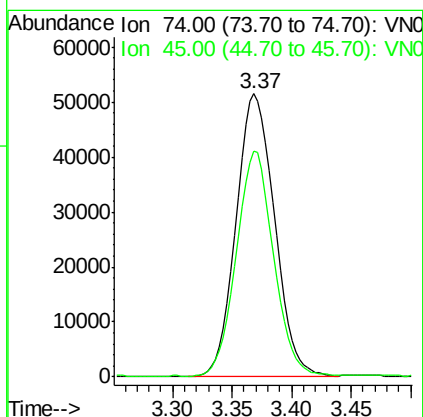
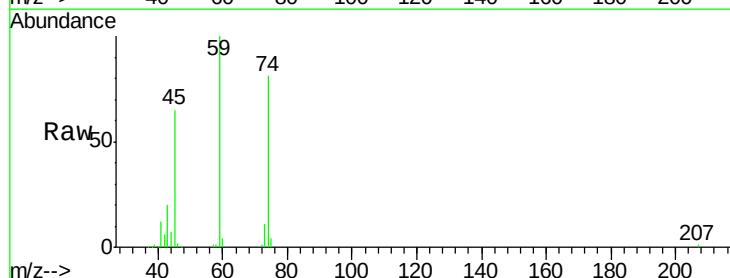
Tot Ion:101 Resp: 405537
Ion Ratio Lower Upper
101 100
103 66.2 51.4 77.2

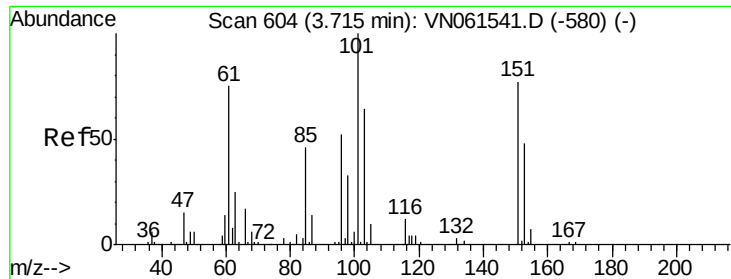


#8

Diethyl Ether
Concen: 46.123 ug/l
RT: 3.37 min Scan# 496
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion: 74 Resp: 115878
Ion Ratio Lower Upper
74 100
45 76.7 39.9 119.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.078 ug/l

RT: 3.71 min Scan# 603

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

ClientSampleId :

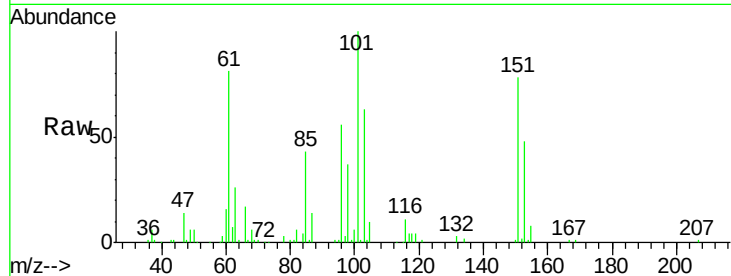
Tot Ion:101 Resp: 182586

Ion Ratio Lower Upper

101 100

85 44.0 35.2 52.8

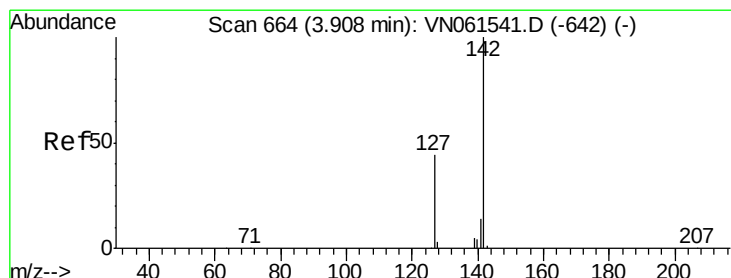
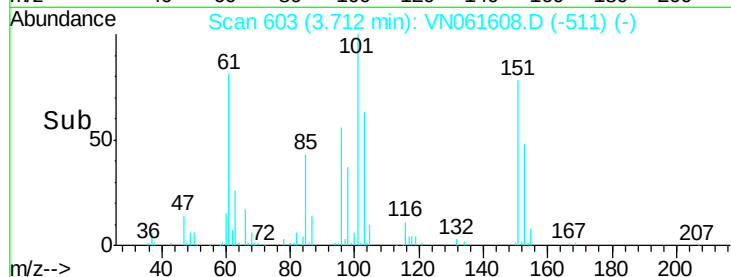
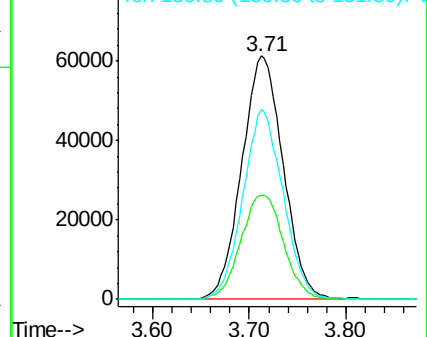
151 75.6 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.655 ug/l

RT: 3.91 min Scan# 663

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

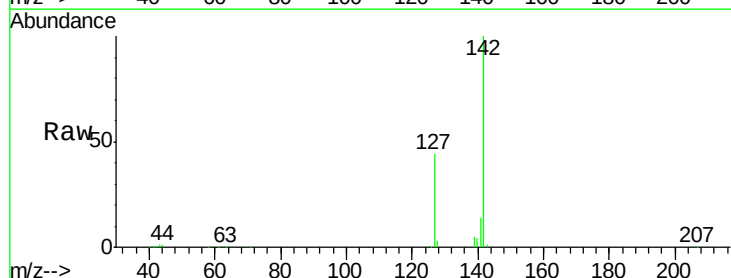
Tgt Ion:142 Resp: 236137

Ion Ratio Lower Upper

142 100

127 43.6 35.5 53.3

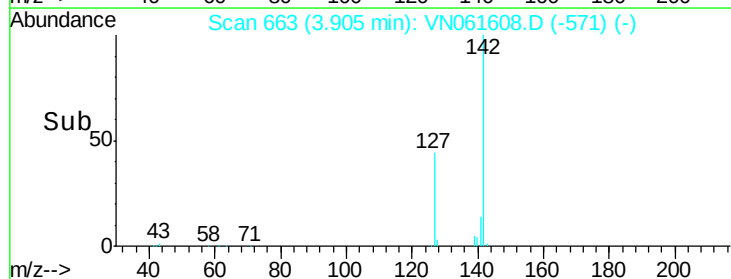
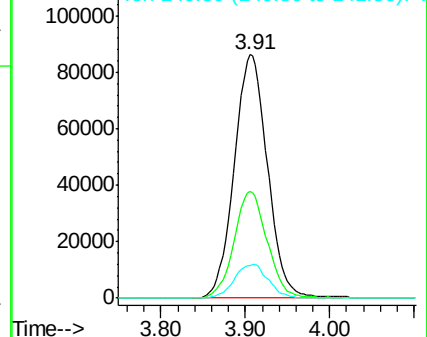
141 14.1 11.5 17.3

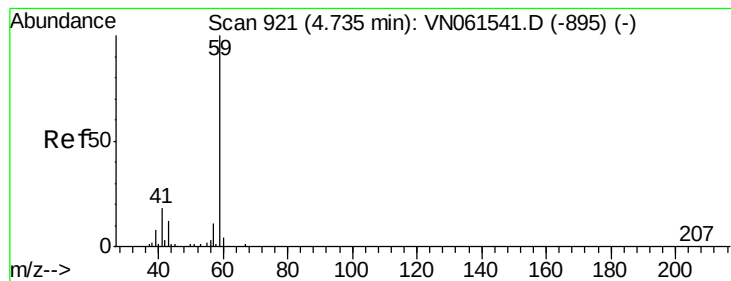


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



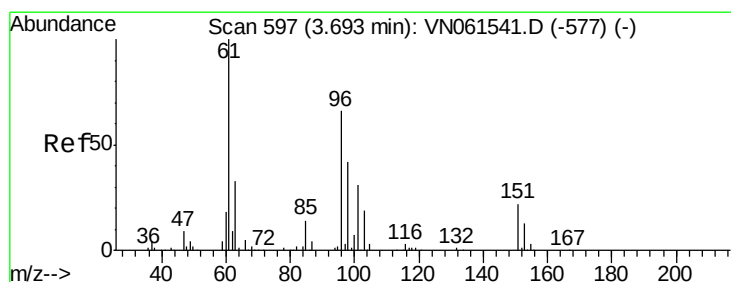
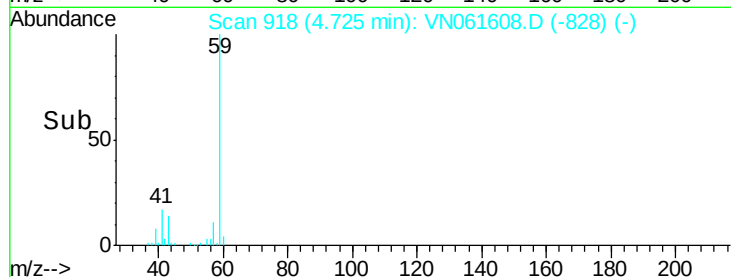
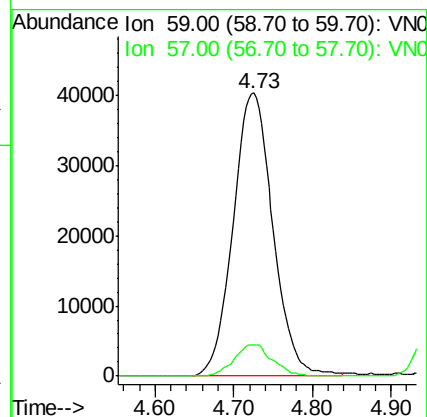
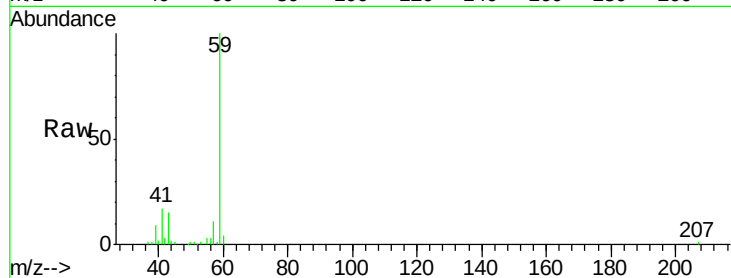


#11

Tert butyl alcohol
 Concen: 235.954 ug/l
 RT: 4.73 min Scan# 918
 Delta R.T. -0.01 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

Instrument :
 MSVOA_N
 ClientSampleId :

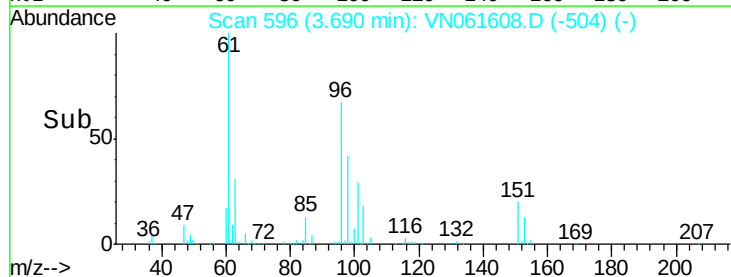
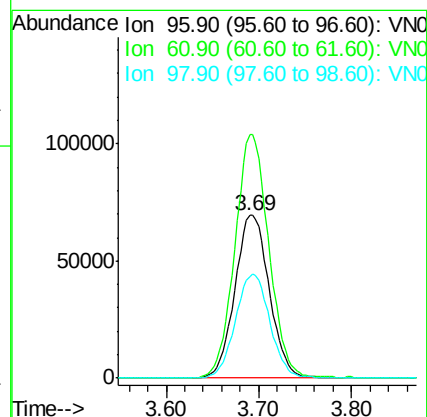
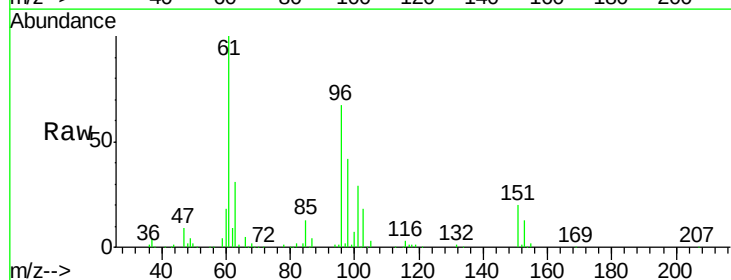
Tot Ion: 59 Resp: 142544
 Ion Ratio Lower Upper
 59 100
 57 10.7 8.4 12.6

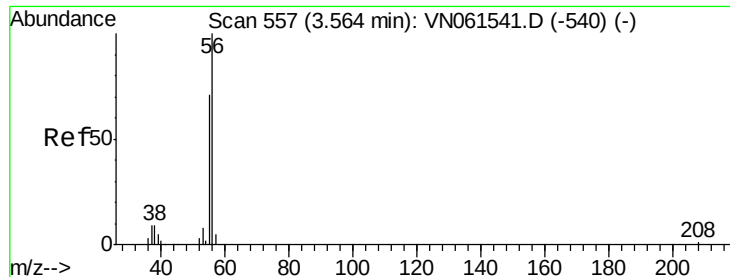


#12

1,1-Dichloroethene
 Concen: 45.996 ug/l
 RT: 3.69 min Scan# 596
 Delta R.T. -0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

Tgt Ion: 96 Resp: 179169
 Ion Ratio Lower Upper
 96 100
 61 149.8 120.5 180.7
 98 62.9 50.8 76.2





#13

Acrolein

Concen: 215.380 ug/l

RT: 3.56 min Scan# 556

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

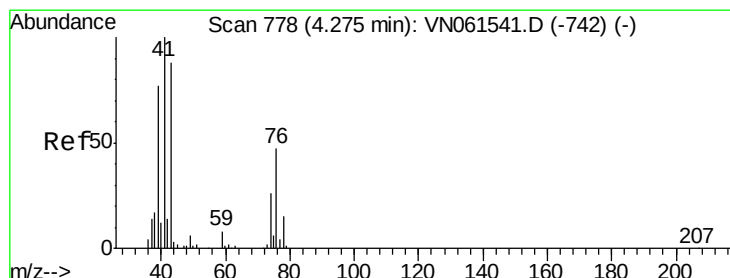
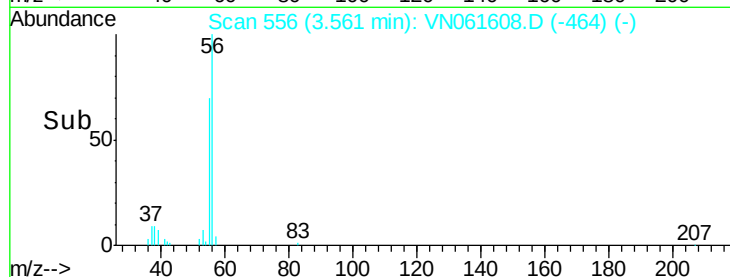
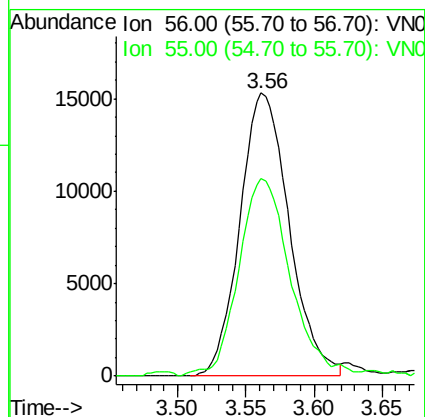
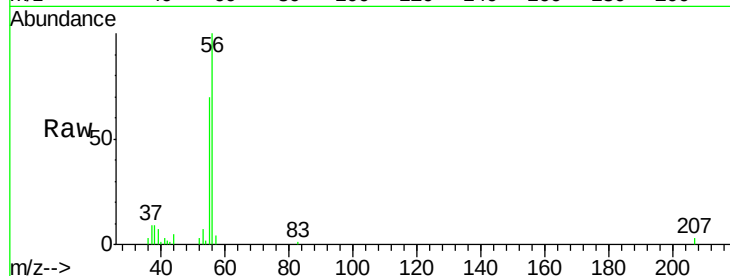
ClientSampleId :

Tot Ion: 56 Resp: 38435

Ion Ratio Lower Upper

56 100

55 73.0 58.0 87.0



#14

Allyl chloride

Concen: 45.889 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

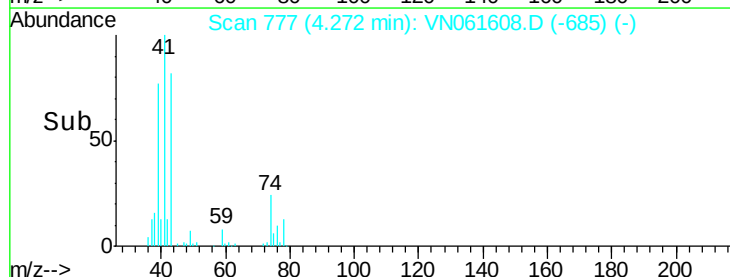
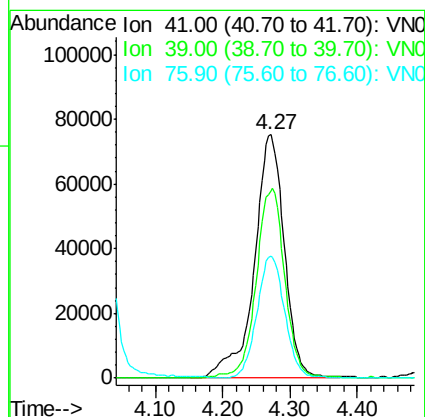
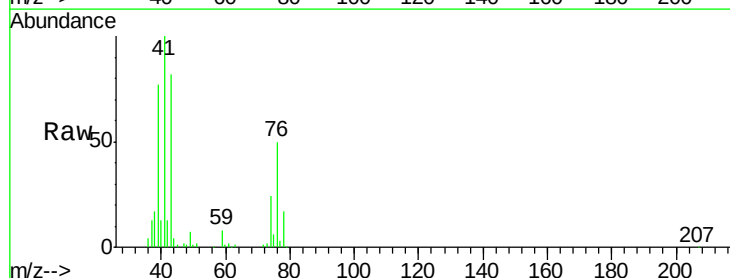
Tgt Ion: 41 Resp: 233692

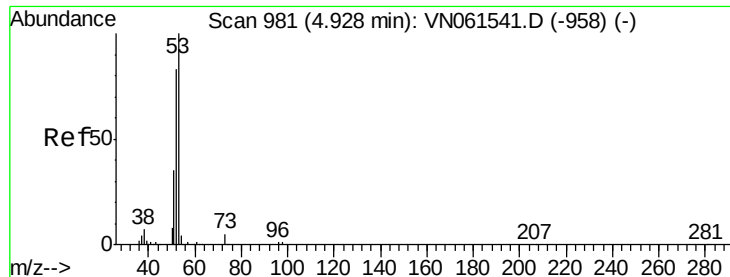
Ion Ratio Lower Upper

41 100

39 73.7 58.6 88.0

76 45.1 34.2 51.4





#15

Acrylonitrile

Concen: 226.368 ug/l

RT: 4.92 min Scan# 980

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

ClientSampleId :

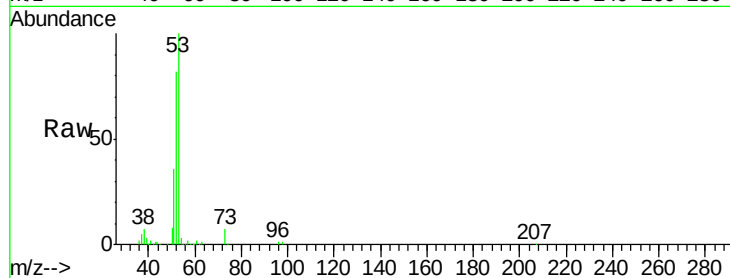
Tot Ion: 53 Resp: 381706

Ion Ratio Lower Upper

53 100

52 81.3 65.4 98.2

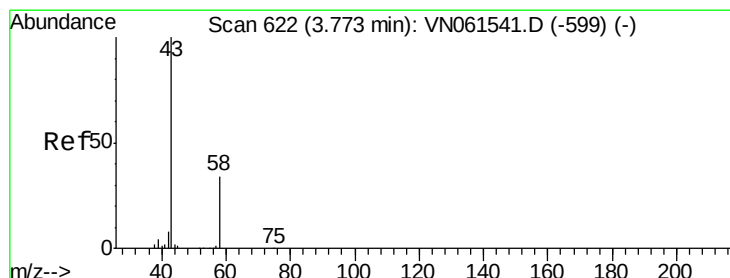
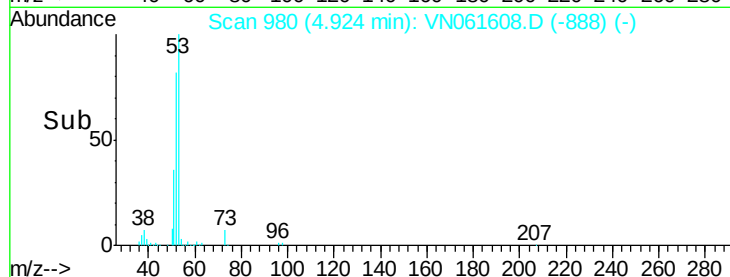
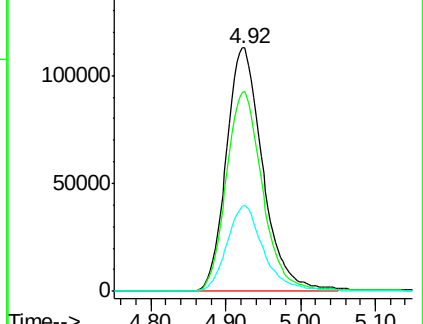
51 35.5 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN061608.D (-958) (-)

Ion 52.00 (51.70 to 52.70): VN061608.D (-958) (-)

Ion 51.00 (50.70 to 51.70): VN061608.D (-958) (-)



#16

Acetone

Concen: 287.066 ug/l

RT: 3.77 min Scan# 620

Delta R.T. -0.01 min

Lab File: VN061608.D

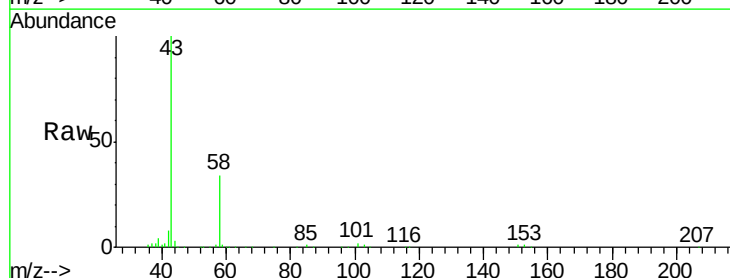
Acq: 2 Jun 2020 9:47

Tgt Ion: 43 Resp: 358178

Ion Ratio Lower Upper

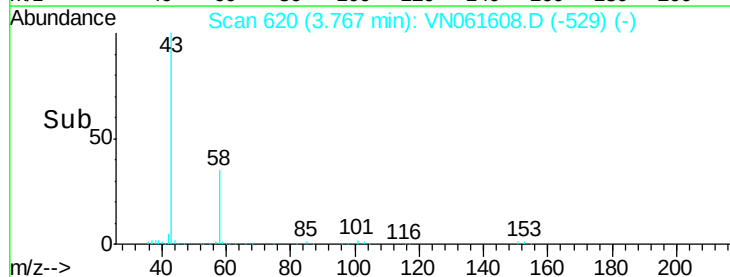
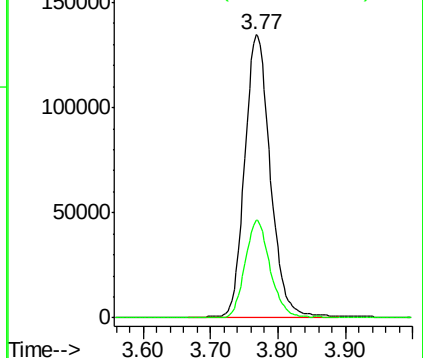
43 100

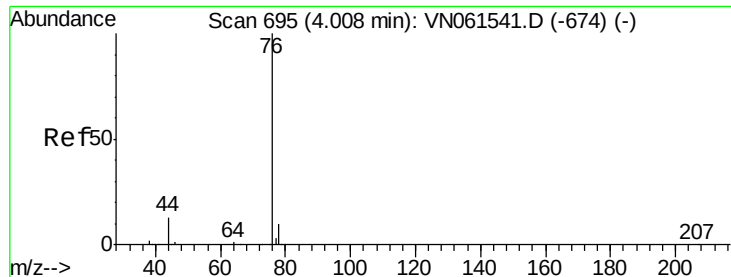
58 34.5 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN061608.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN061608.D (-529) (-)





#17

Carbon Disulfide

Concen: 45.904 ug/l

RT: 4.00 min Scan# 694

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

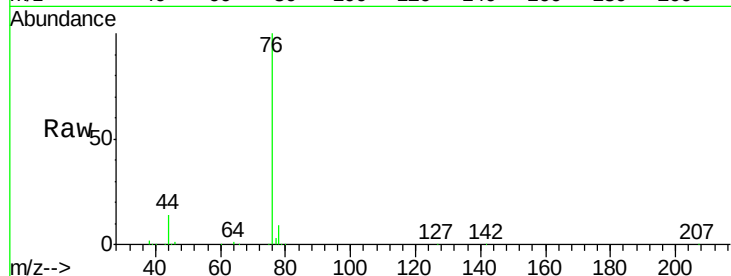
ClientSampled :

Tot Ion: 76 Resp: 393394

Ion Ratio Lower Upper

76 100

78 9.2 7.8 11.6



Abundance Ion 75.90 (75.60 to 76.60): VN061608.D (-602) (-)

Ion 77.90 (77.60 to 78.60): VN061608.D (-602) (-)

4.00

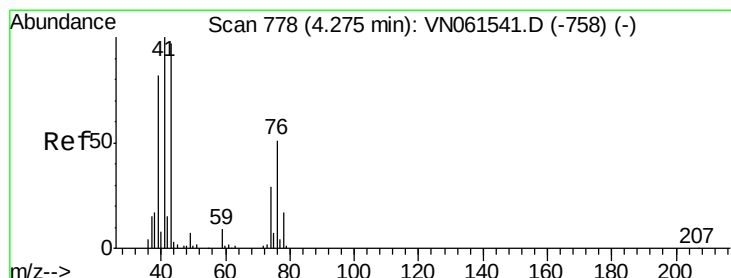
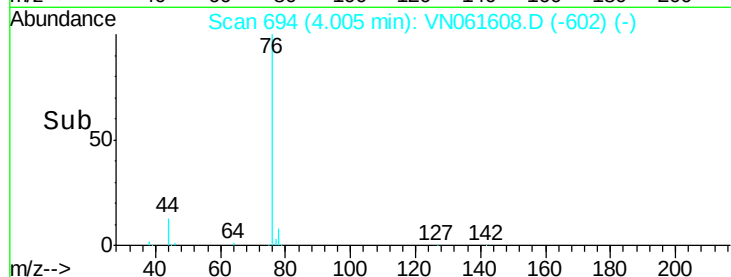
150000

100000

50000

0

Time-->



#18

Methyl Acetate

Concen: 43.312 ug/l

RT: 4.27 min Scan# 777

Delta R.T. -0.00 min

Lab File: VN061608.D

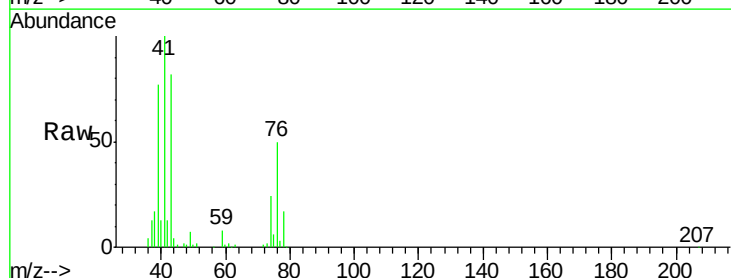
Acq: 2 Jun 2020 9:47

Tgt Ion: 43 Resp: 178080

Ion Ratio Lower Upper

43 100

74 29.8 23.2 34.8



Abundance Ion 43.00 (42.70 to 43.70): VN061608.D (-685) (-)

Ion 74.00 (73.70 to 74.70): VN061608.D (-685) (-)

4.27

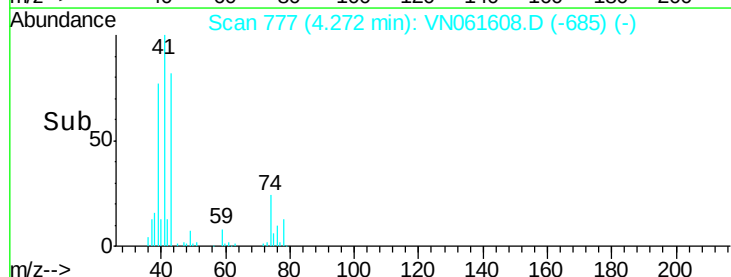
60000

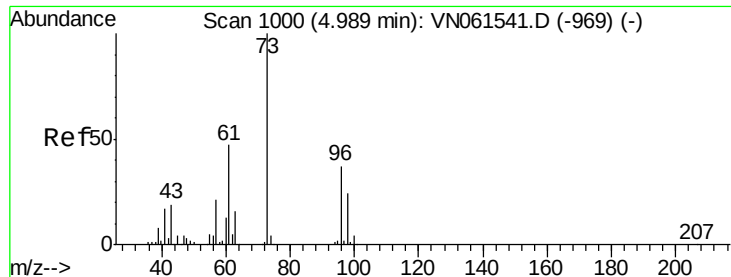
40000

20000

0

Time-->

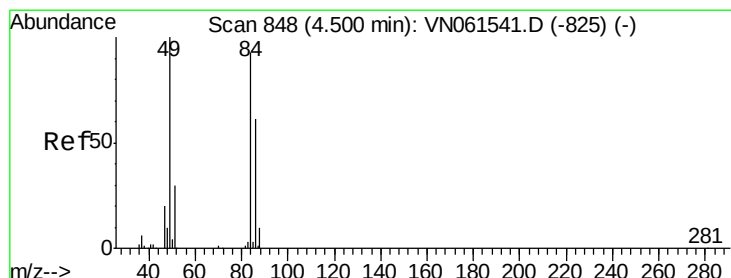
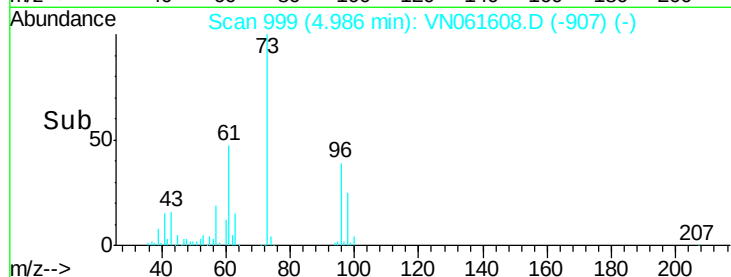
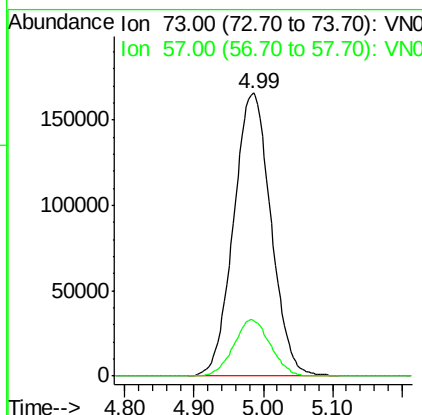
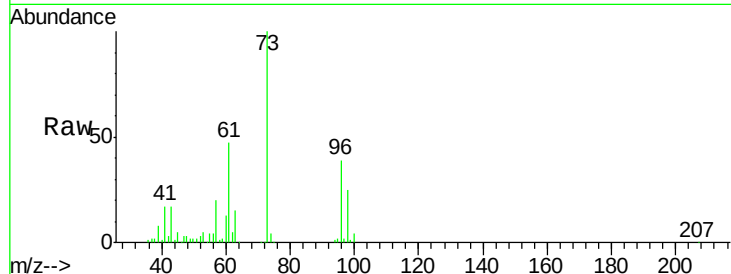




#19
Methvl tert-butyl Ether
Concen: 46.839 ug/l
RT: 4.99 min Scan# 999
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

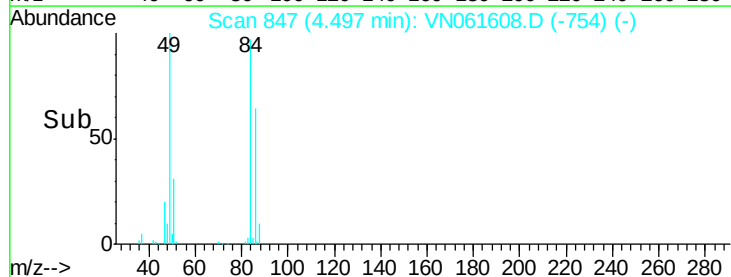
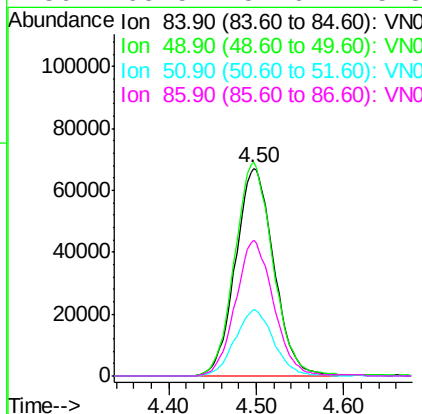
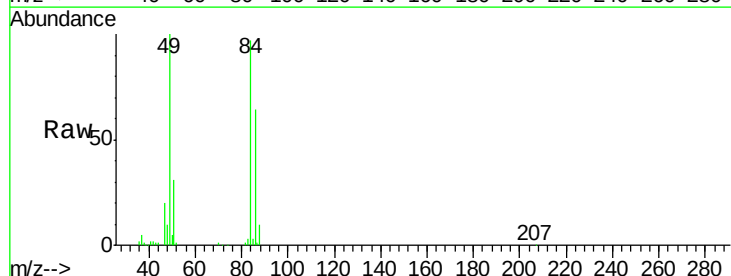
Instrument :
MSVOA_N
ClientSampled :

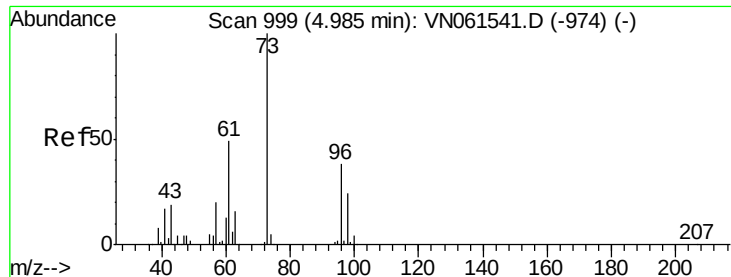
Tot Ion: 73 Resp: 621812
Ion Ratio Lower Upper
73 100
57 19.7 16.4 24.6



#20
Methylene Chloride
Concen: 49.434 ug/l
RT: 4.50 min Scan# 847
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion: 84 Resp: 204153
Ion Ratio Lower Upper
84 100
49 103.0 85.8 128.8
51 31.9 26.2 39.2
86 65.5 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 47.756 ug/l

RT: 4.98 min Scan# 998

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

ClientSampleId :

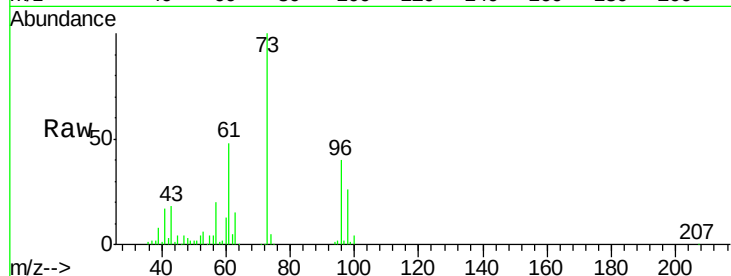
Tot Ion: 96 Resp: 209784

Ion Ratio Lower Upper

96 100

61 119.1 101.4 152.0

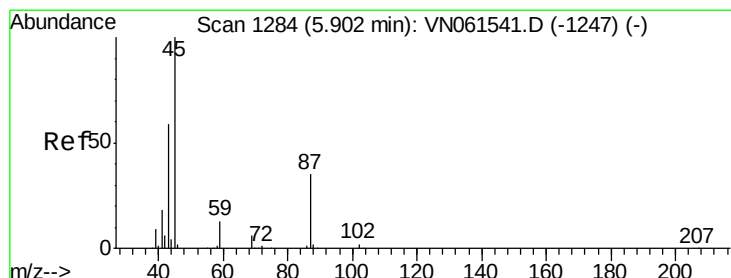
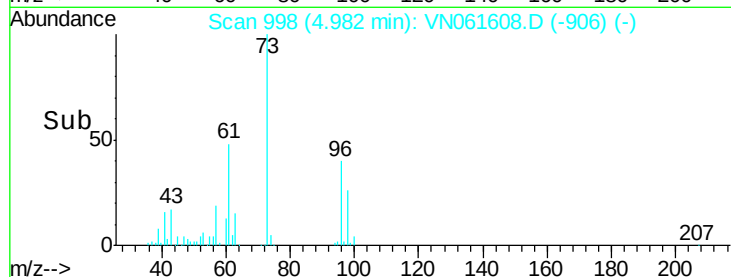
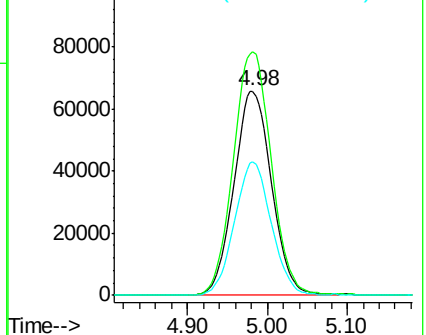
98 65.5 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061608.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN061608.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN061608.D (-906) (-)



#22

Diisopropyl ether

Concen: 47.607 ug/l

RT: 5.90 min Scan# 1282

Delta R.T. -0.01 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Tgt Ion: 45 Resp: 534337

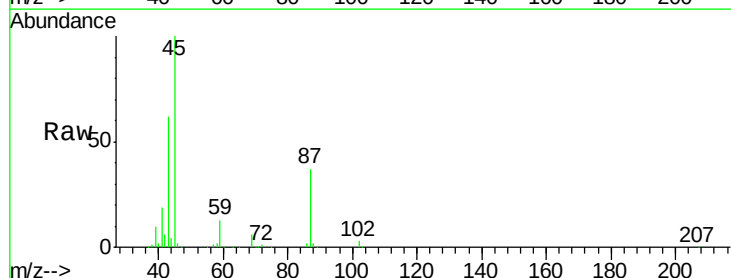
Ion Ratio Lower Upper

45 100

43 60.8 47.9 71.9

87 36.7 28.4 42.6

59 12.9 10.5 15.7

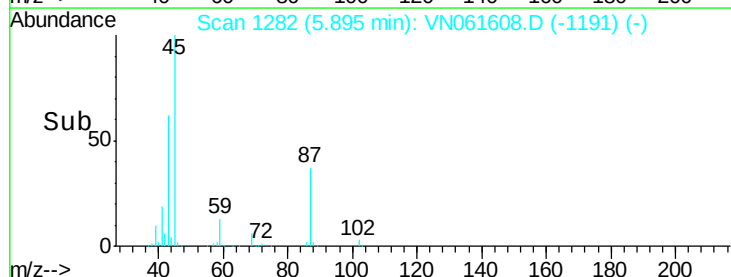
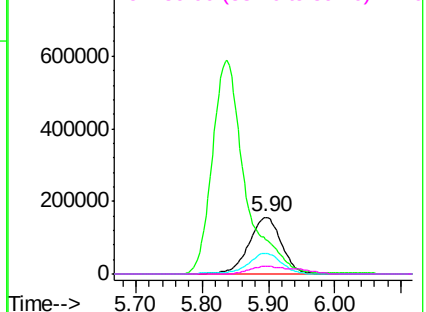


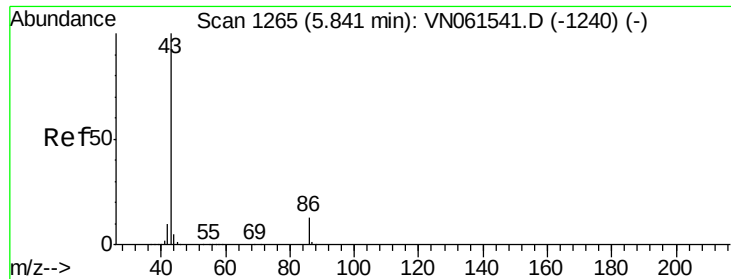
Abundance Ion 45.00 (44.70 to 45.70): VN061608.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061608.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061608.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061608.D (-1191) (-)





#23

Vinyl Acetate

Concen: 225.492 ug/l

RT: 5.84 min Scan# 1264

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

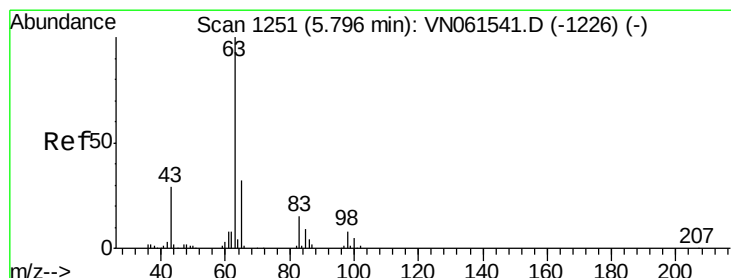
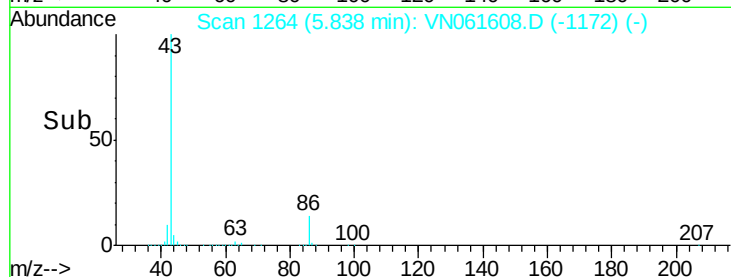
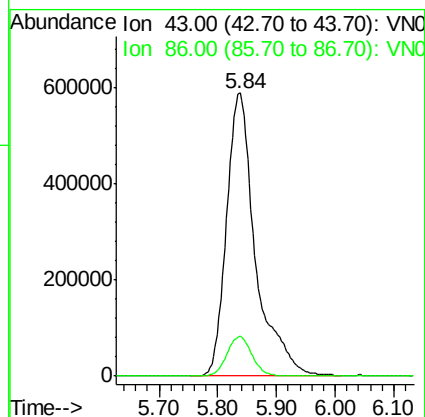
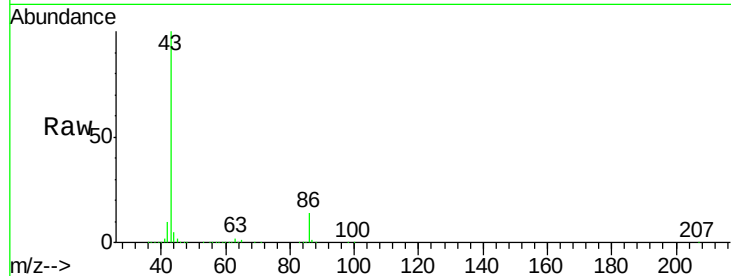
ClientSampleId :

Tot Ion: 43 Resp: 2017205

Ion Ratio Lower Upper

43 100

86 14.1 10.6 16.0



#24

1,1-Dichloroethane

Concen: 47.483 ug/l

RT: 5.79 min Scan# 1249

Delta R.T. -0.01 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

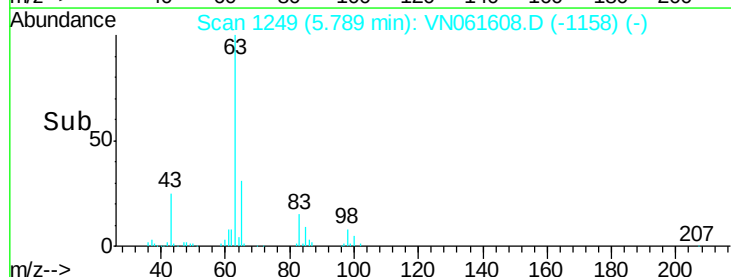
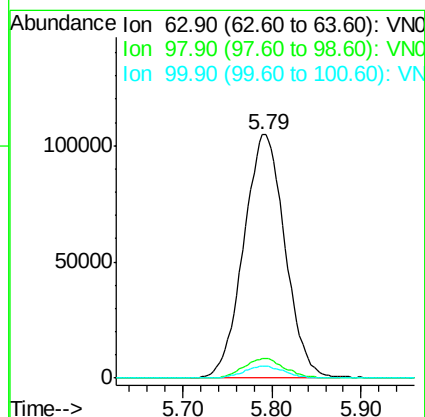
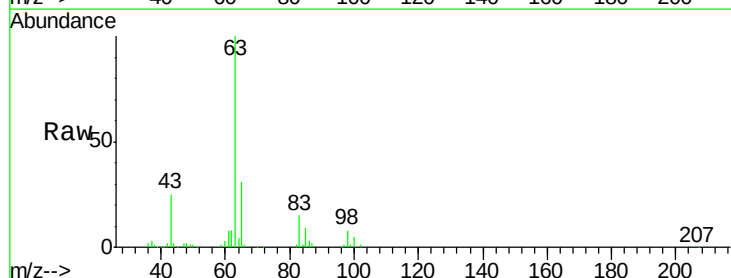
Tgt Ion: 63 Resp: 337954

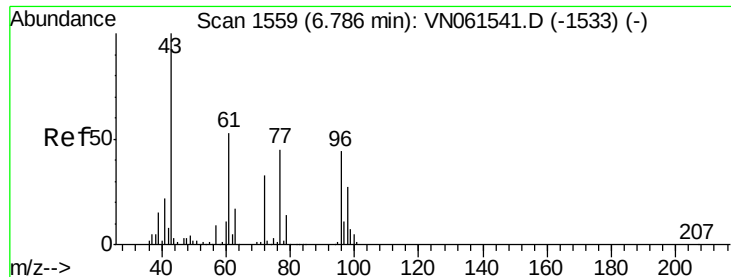
Ion Ratio Lower Upper

63 100

98 7.9 3.8 11.4

100 5.1 2.5 7.6

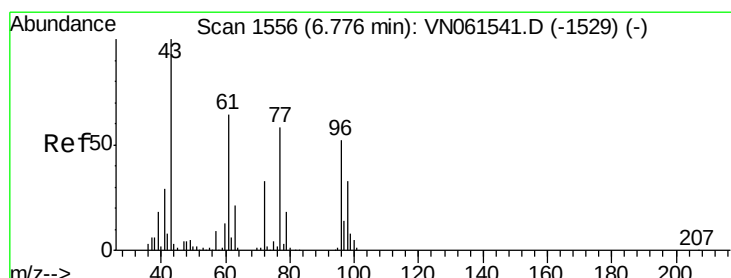
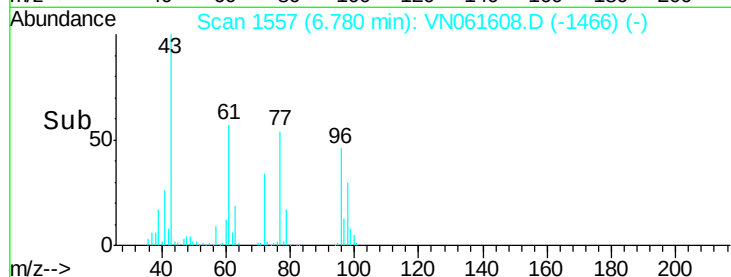
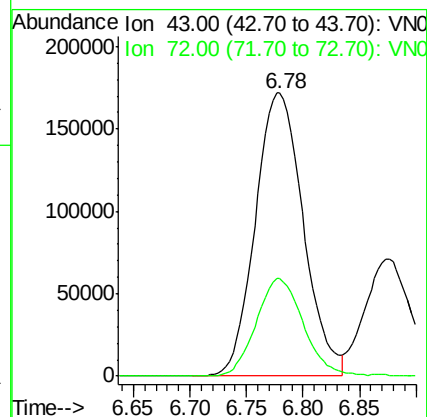
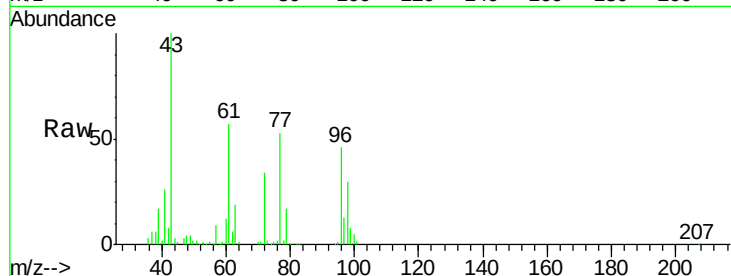




#25
2-Butanone
Concen: 234.838 ug/l
RT: 6.78 min Scan# 1557
Delta R.T. -0.01 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

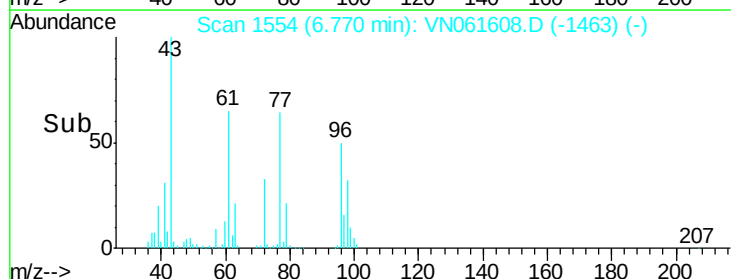
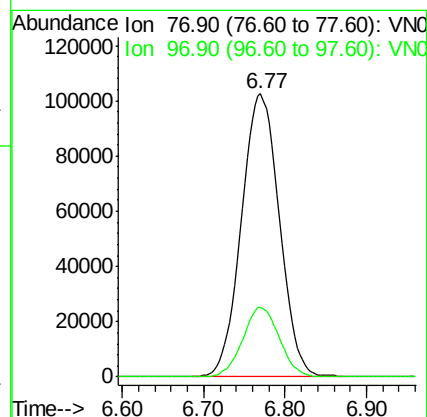
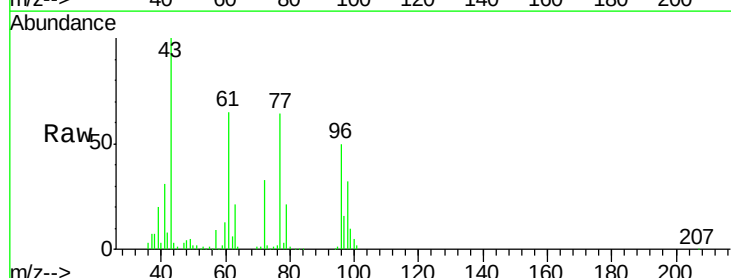
Instrument :
MSVOA_N
ClientSampleId :

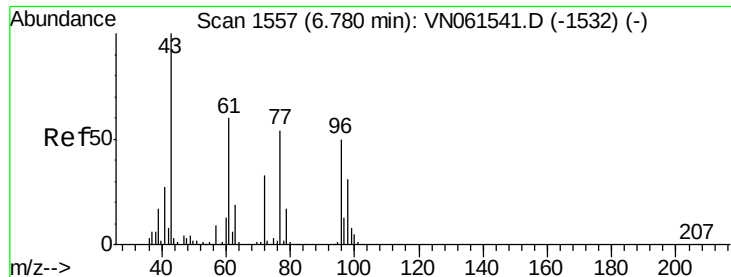
Tot Ion: 43 Resp: 505493
Ion Ratio Lower Upper
43 100
72 34.4 26.0 39.0



#26
2,2-Dichloropropane
Concen: 50.736 ug/l
RT: 6.77 min Scan# 1554
Delta R.T. -0.01 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion: 77 Resp: 330507
Ion Ratio Lower Upper
77 100
97 23.7 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 48.871 ug/l

RT: 6.77 min Scan# 1555

Delta R.T. -0.01 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

ClientSampled :

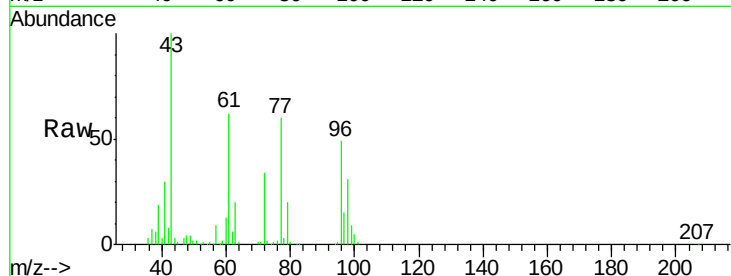
Tot Ion: 96 Resp: 243098

Ion Ratio Lower Upper

96 100

61 126.6 0.0 252.2

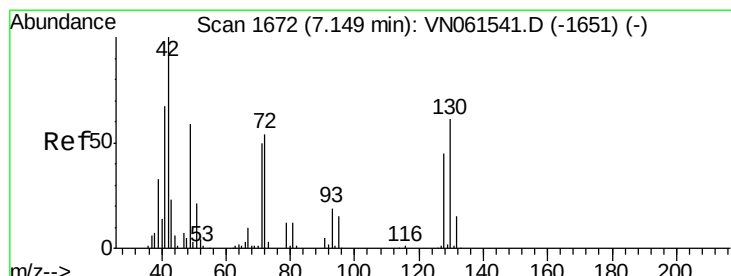
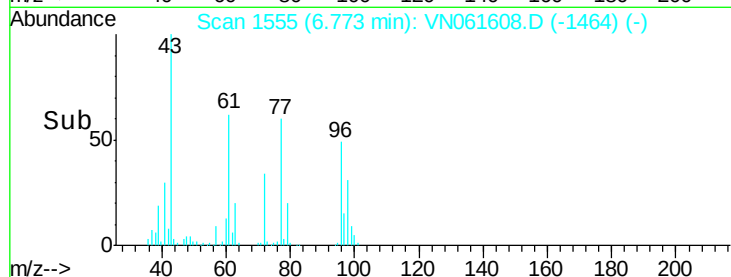
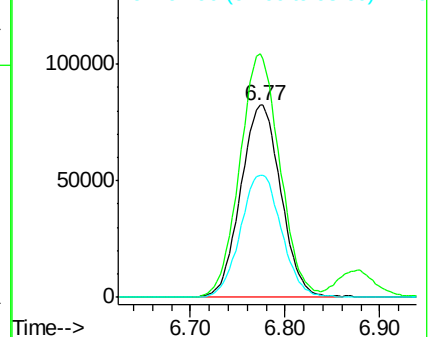
98 65.1 0.0 129.2



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: 63.281 ug/l

RT: 7.15 min Scan# 1671

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

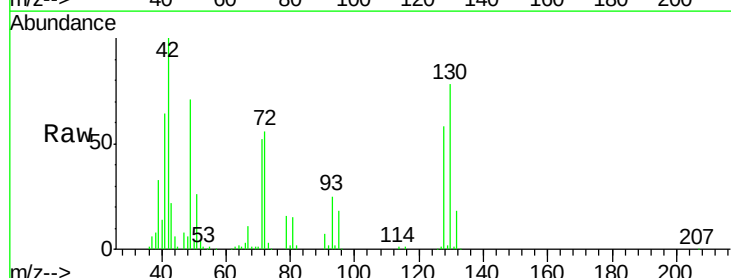
Tgt Ion: 49 Resp: 168092

Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.8

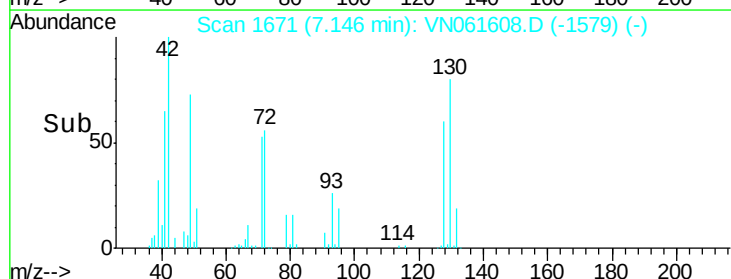
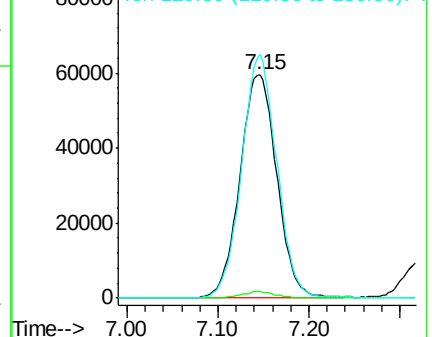
130 103.8 78.8 118.2

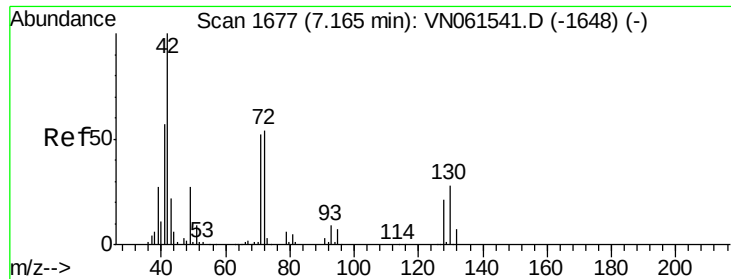


Abundance Ion 48.90 (48.60 to 49.60): VN0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

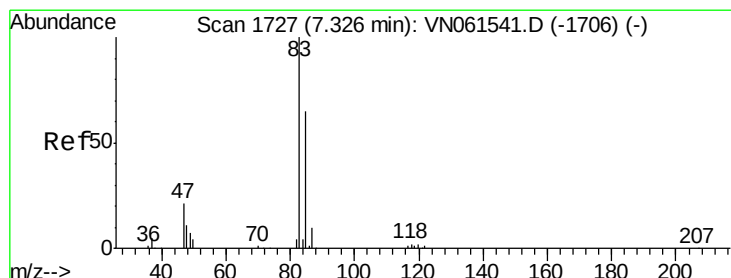
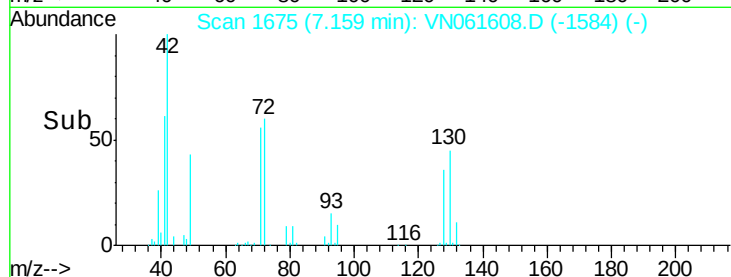
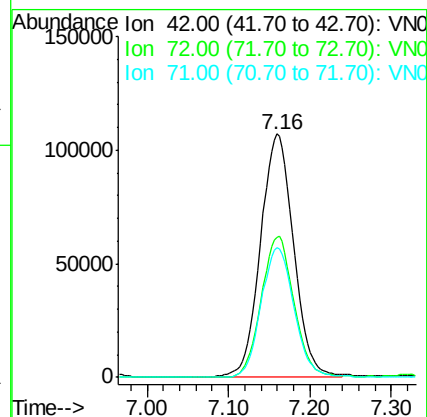
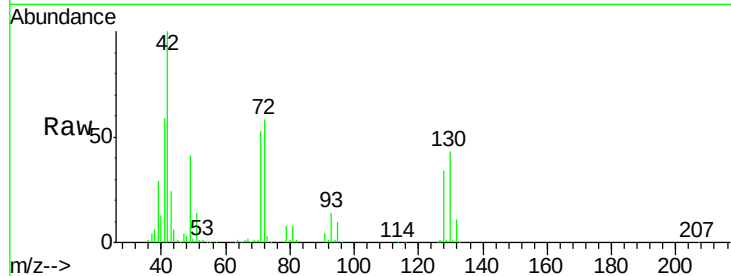




#29
Tetrahydrofuran
Concen: 213.160 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. -0.01 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

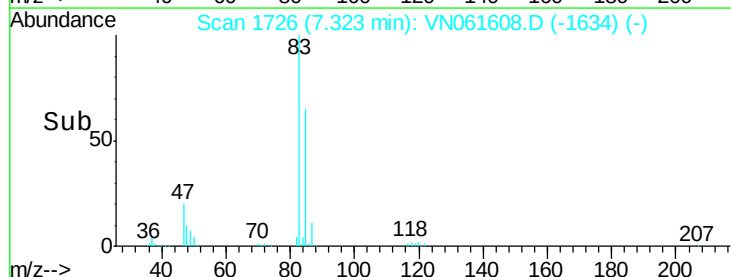
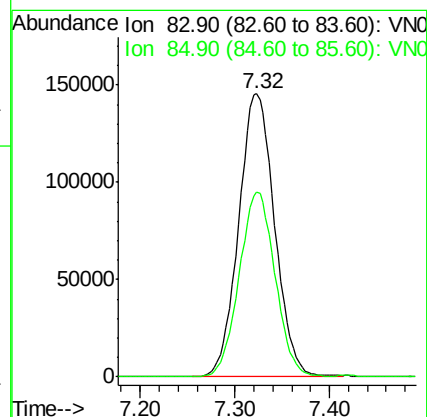
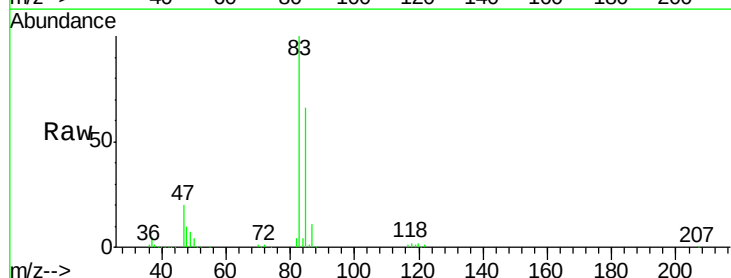
Instrument :
MSVOA_N
ClientSampleId :

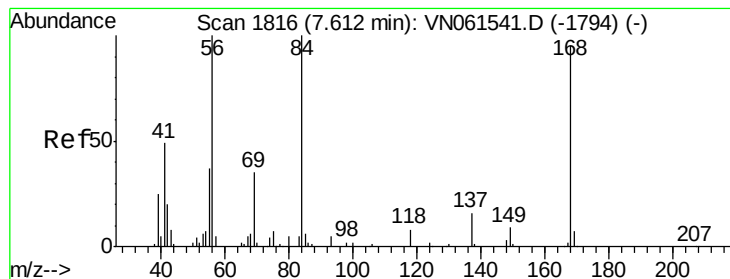
Tot Ion: 42 Resp: 302561
Ion Ratio Lower Upper
42 100
72 57.2 43.6 65.4
71 53.0 41.2 61.8



#30
Chloroform
Concen: 48.795 ug/l
RT: 7.32 min Scan# 1726
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion: 83 Resp: 384217
Ion Ratio Lower Upper
83 100
85 65.5 51.7 77.5





#31

Cyclohexane

Concen: 46.598 ug/l

RT: 7.61 min Scan# 1815

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

ClientSampleId :

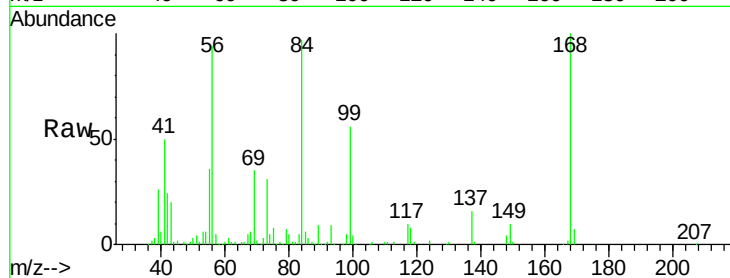
Tot Ion: 56 Resp: 298276

Ion Ratio Lower Upper

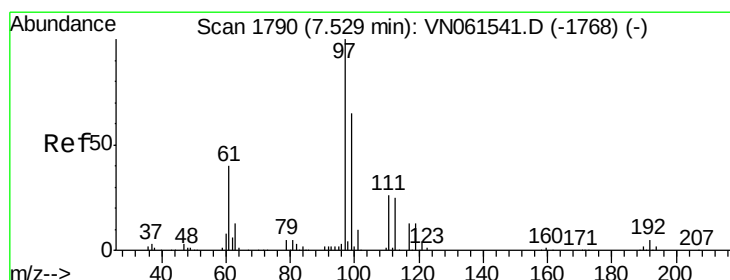
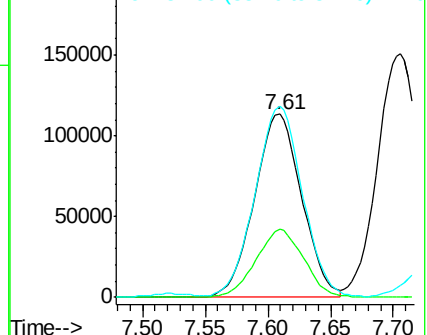
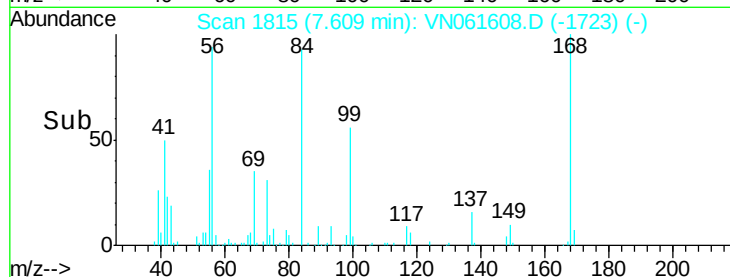
56 100

69 36.6 27.8 41.8

84 102.8 79.9 119.9



Abundance Ion 56.00 (55.70 to 56.70): VN061608.D (-1723) (-)



#32

1,1,1-Trichloroethane

Concen: 49.155 ug/l

RT: 7.52 min Scan# 1788

Delta R.T. -0.01 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

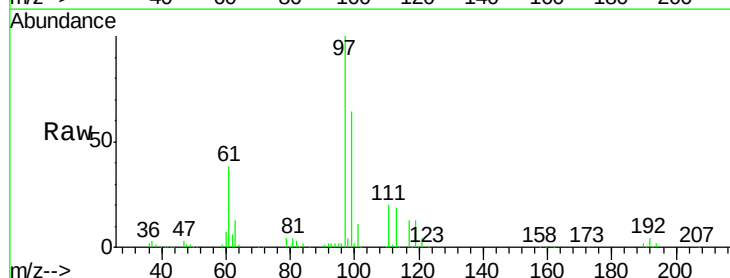
Tgt Ion: 97 Resp: 352677

Ion Ratio Lower Upper

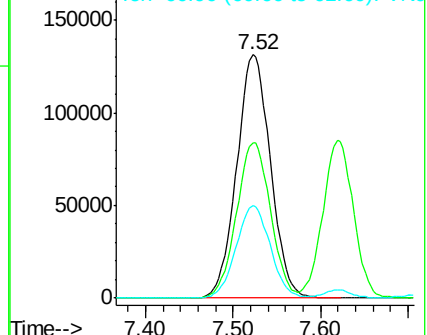
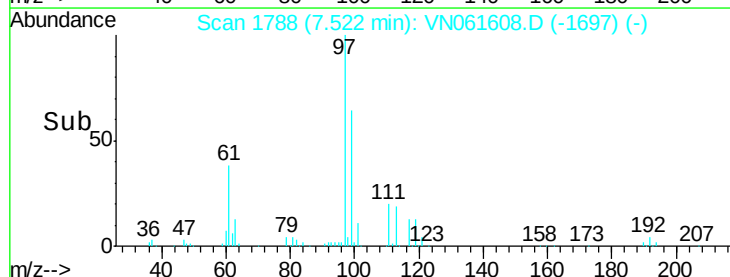
97 100

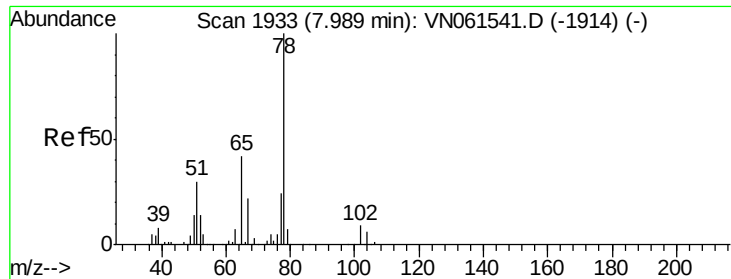
99 64.2 51.4 77.0

61 38.4 31.4 47.0



Abundance Ion 96.90 (96.60 to 97.60): VN061608.D (-1697) (-)

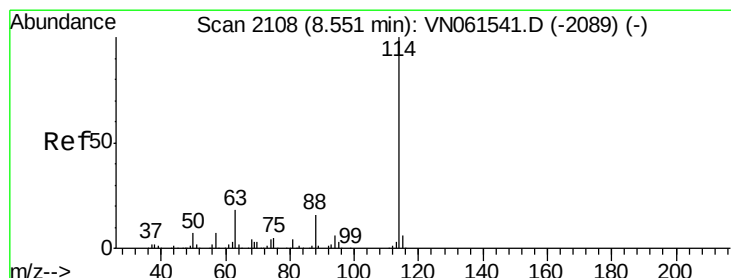
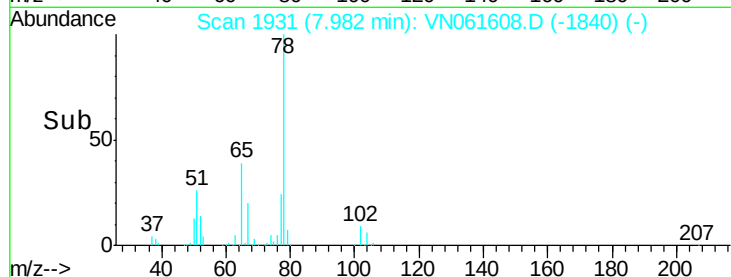
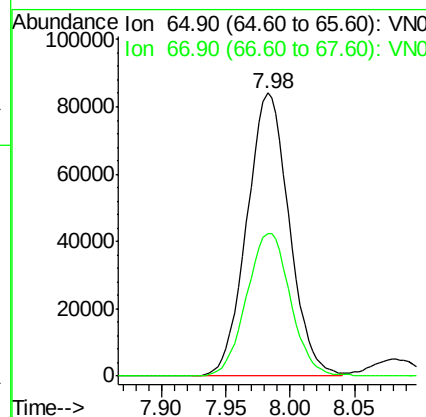
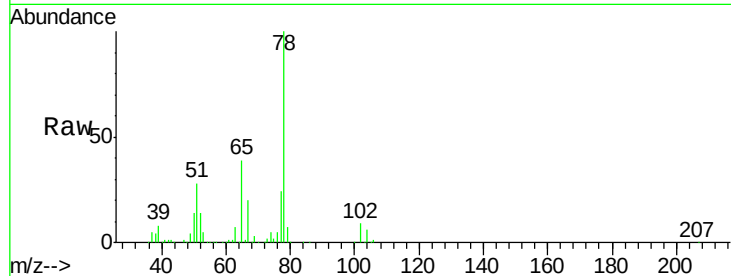




#33
 1,2-Dichloroethane-d4
 Concen: 42.456 ug/l
 RT: 7.98 min Scan# 1931
 Delta R.T. -0.01 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

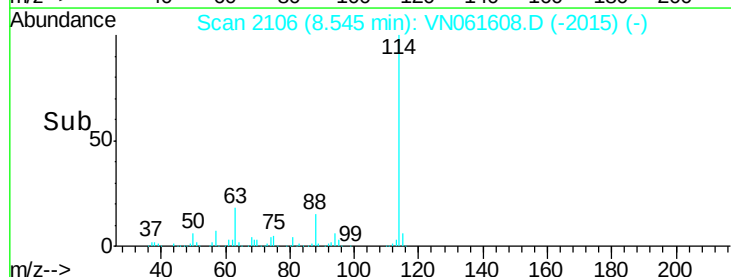
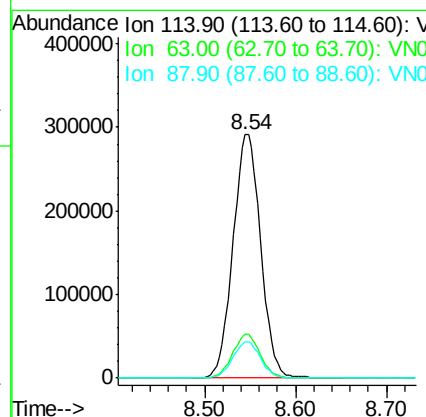
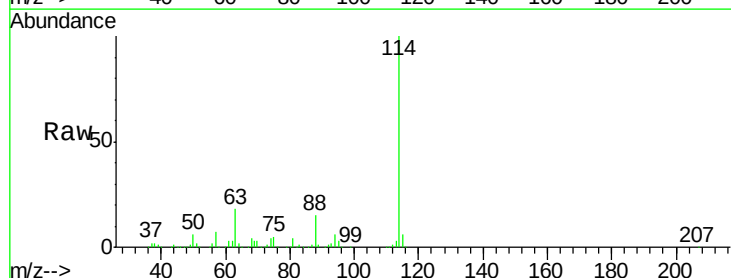
Instrument :
 MSVOA_N
 ClientSampleId :

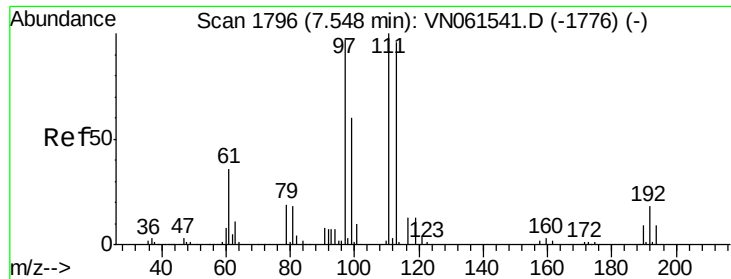
Tot Ion: 65 Resp: 192831
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.54 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

Tgt Ion: 114 Resp: 615148
 Ion Ratio Lower Upper
 114 100
 63 18.0 0.0 35.8
 88 14.8 0.0 31.0

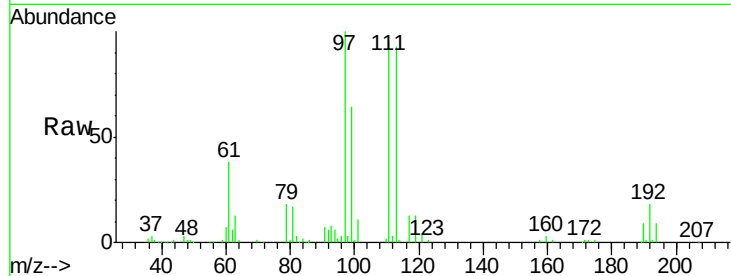




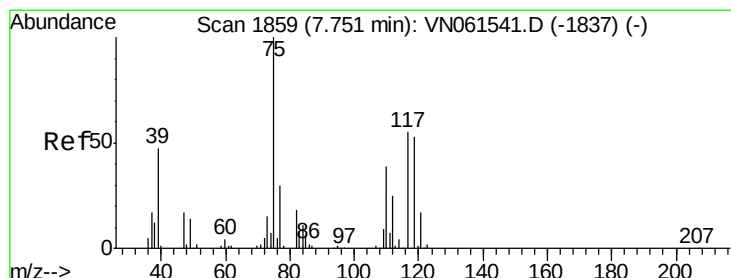
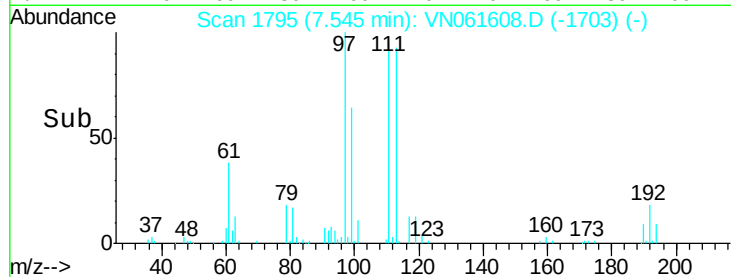
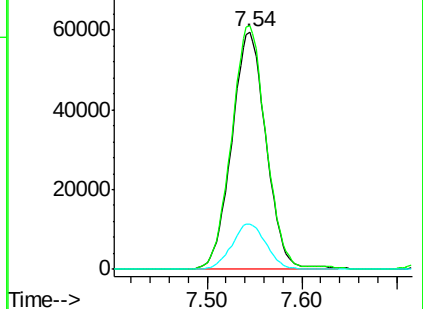
#35
 Dibromofluoromethane
 Concen: 48.174 ug/l
 RT: 7.54 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:113 Resp: 150329
 Ion Ratio Lower Upper
 113 100
 111 102.9 83.4 125.0
 192 19.2 15.4 23.2

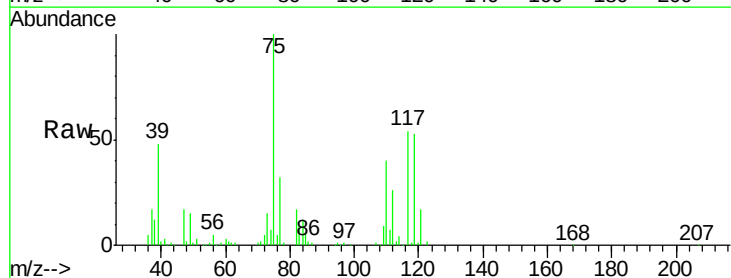


Abundance Ion 112.80 (112.50 to 113.50): V
 Ion 110.80 (110.50 to 111.50): V
 Ion 191.70 (191.40 to 192.40): V

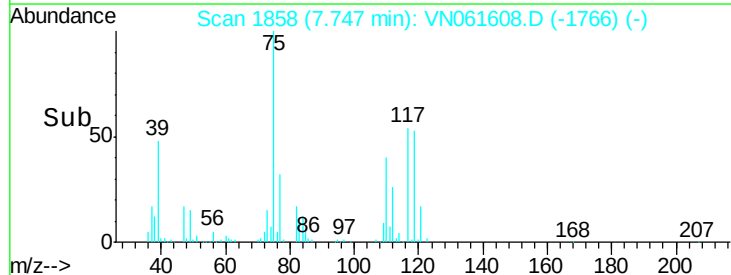
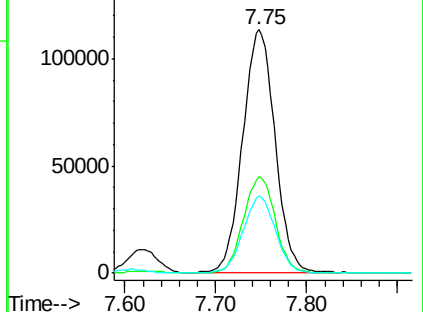


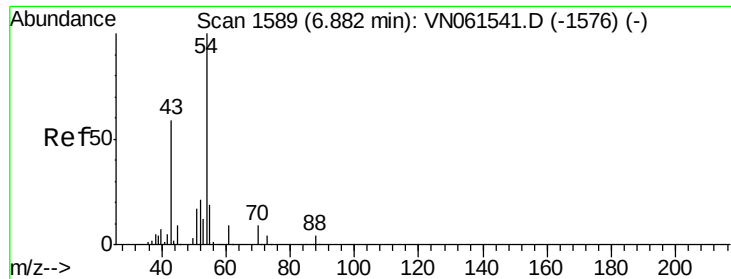
#36
 1,1-Dichloropropene
 Concen: 51.312 ug/l
 RT: 7.75 min Scan# 1858
 Delta R.T. -0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

Tgt Ion: 75 Resp: 279429
 Ion Ratio Lower Upper
 75 100
 110 39.2 19.5 58.5
 77 31.7 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

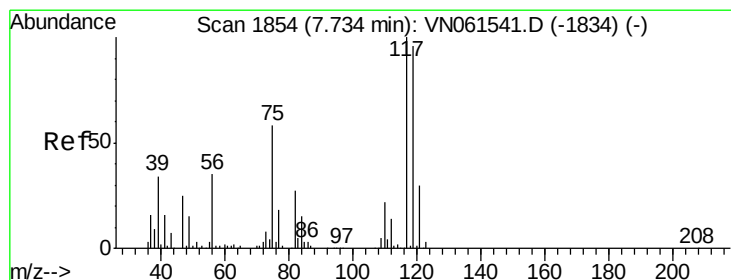
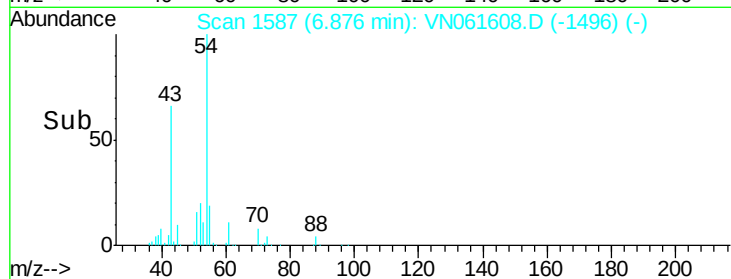
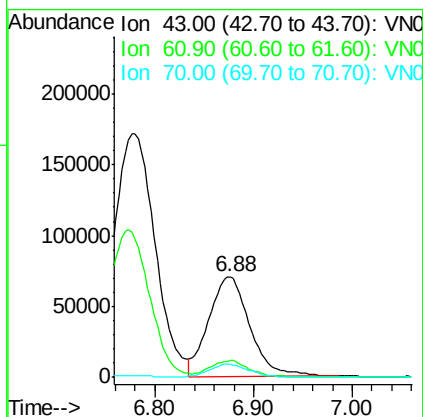
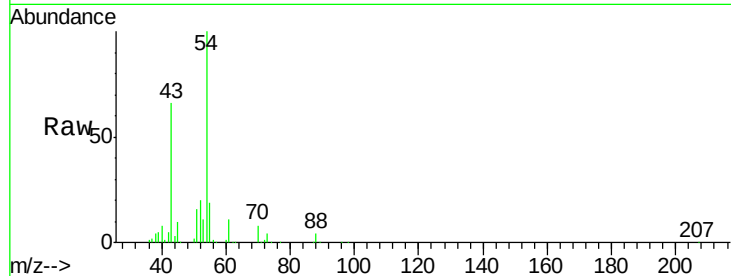




#37
Ethyl Acetate
Concen: 46.723 ug/l
RT: 6.88 min Scan# 1587
Delta R.T. -0.01 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

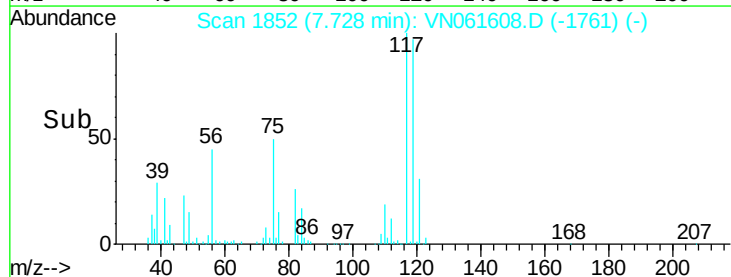
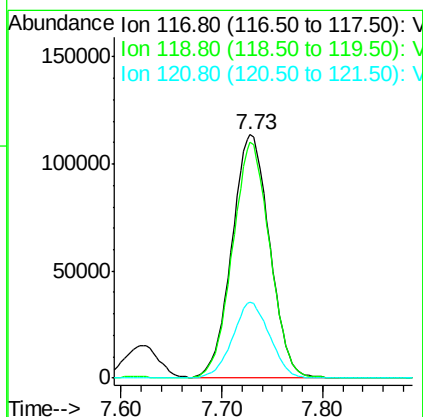
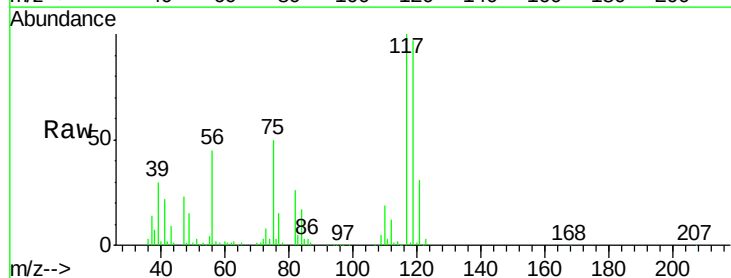
Instrument :
MSVOA_N
ClientSampled :

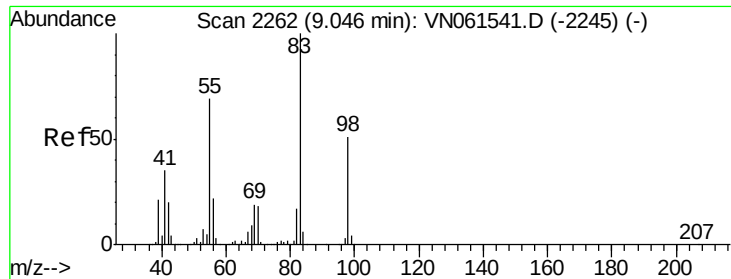
Tot Ion: 43 Resp: 204933
Ion Ratio Lower Upper
43 100
61 15.6 12.2 18.4
70 12.5 9.4 14.2



#38
Carbon Tetrachloride
Concen: 55.834 ug/l
RT: 7.73 min Scan# 1852
Delta R.T. -0.01 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion: 117 Resp: 293283
Ion Ratio Lower Upper
117 100
119 97.1 76.5 114.7
121 31.2 24.1 36.1

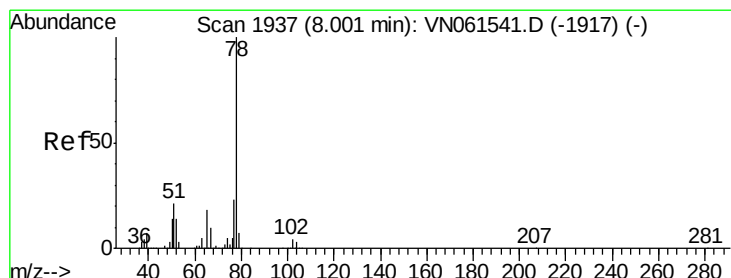
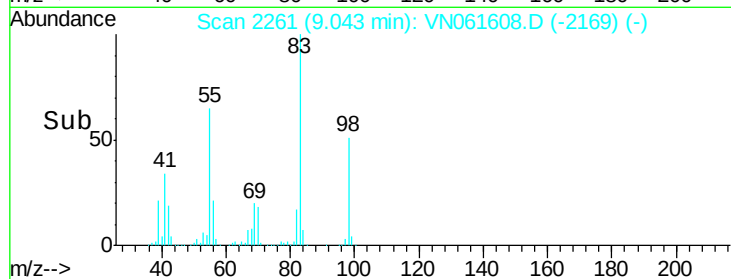
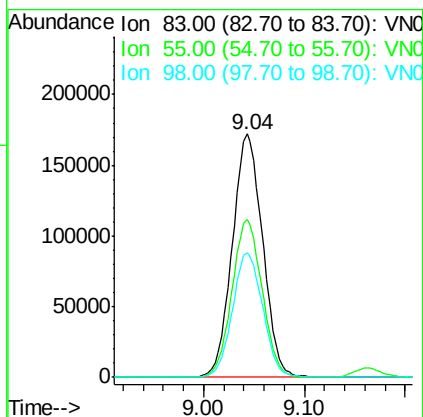
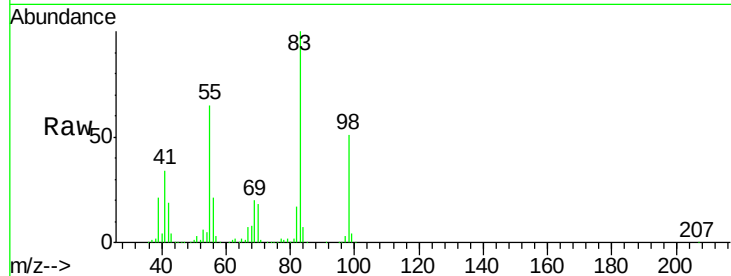




#39
Methylvlcyclohexane
Concen: 53.546 ug/l
RT: 9.04 min Scan# 2261
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

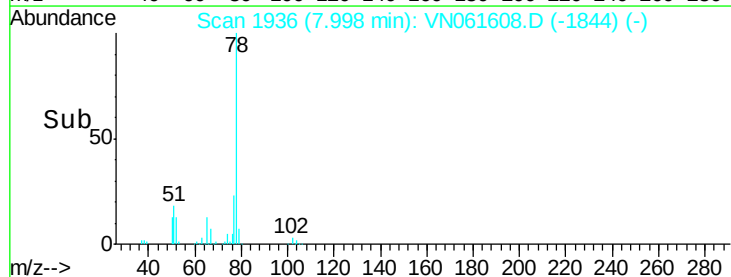
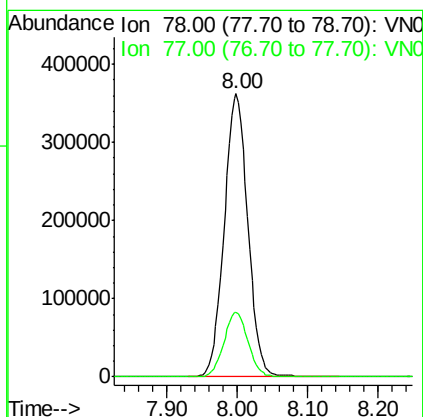
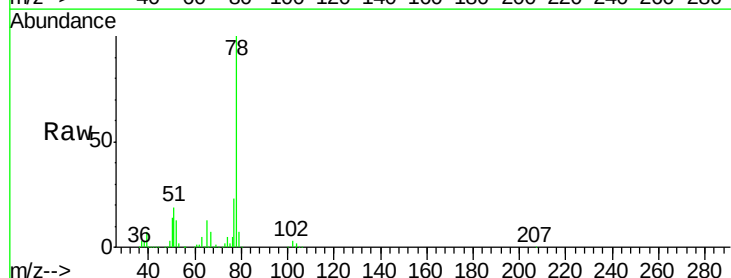
Instrument :
MSVOA_N
ClientSampleId :

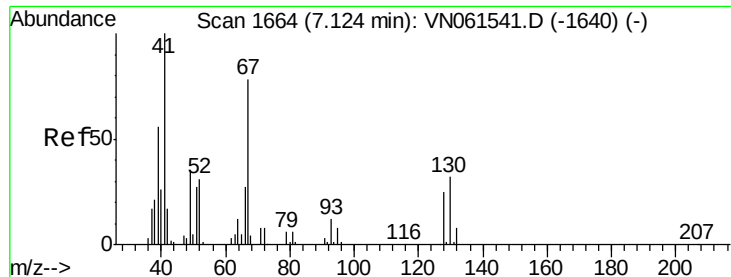
Tot Ion	83	Resp	359407
Ion	Ratio	Lower	Upper
83	100		
55	65.1	54.9	82.3
98	51.2	41.0	61.4



#40
Benzene
Concen: 50.557 ug/l
RT: 8.00 min Scan# 1936
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion	78	Resp	849483
Ion	Ratio	Lower	Upper
78	100		
77	22.8	18.6	28.0

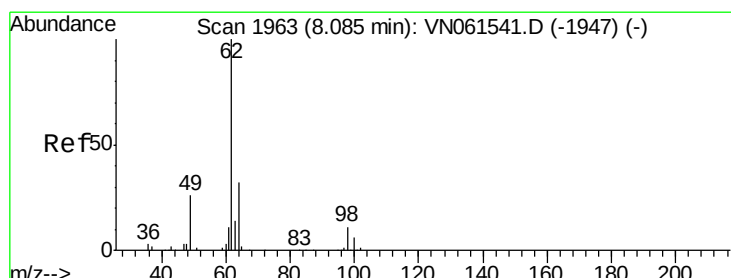
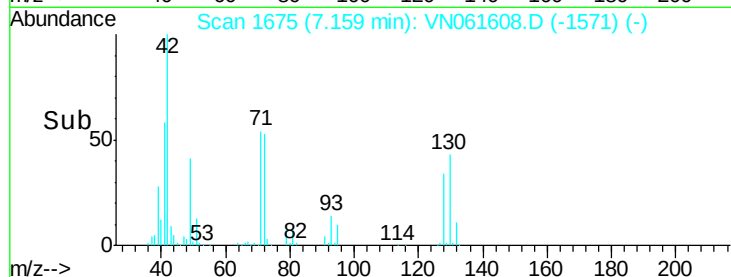
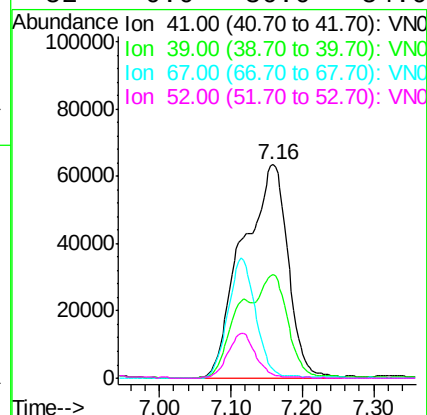
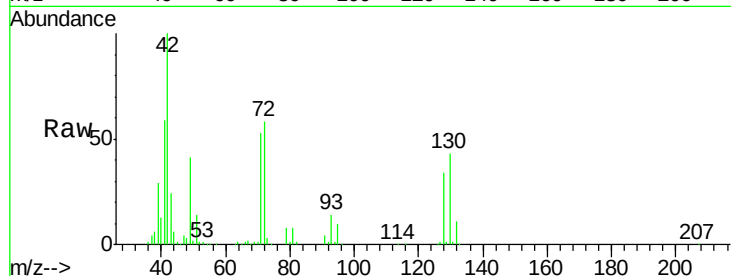




#41
Methacrylonitrile
Concen: 140.424 ug/l
RT: 7.16 min Scan# 1675
Delta R.T. 0.04 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

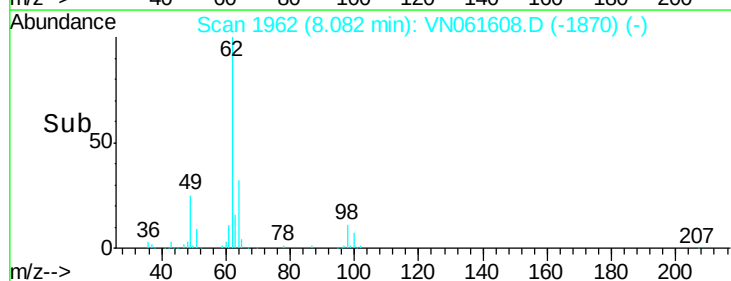
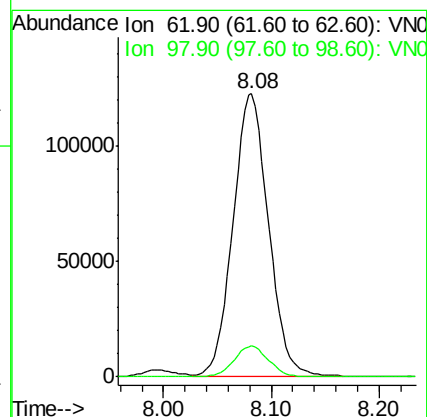
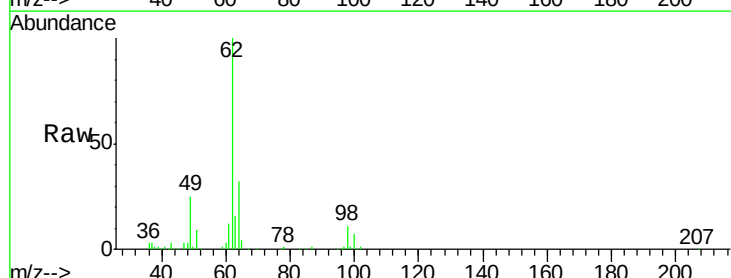
Instrument :
MSVOA_N
ClientSampled :

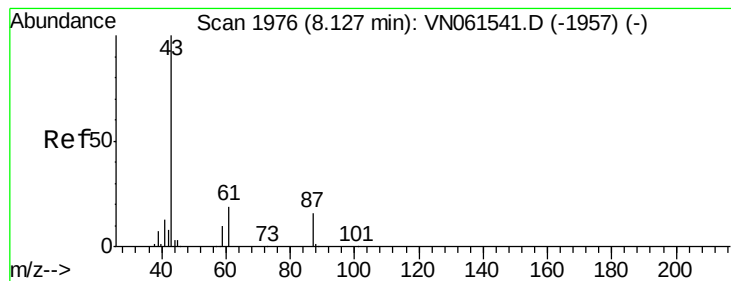
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.8	80.6#
67	0.0	91.1	136.7#
52	0.0	36.0	54.0#



#42
1,2-Dichloroethane
Concen: 49.684 ug/l
RT: 8.08 min Scan# 1962
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.7	0.0	21.4





#43

Isopropyl Acetate

Concen: 46.565 ug/l

RT: 8.12 min Scan# 1974

Delta R.T. -0.01 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

ClientSampleId :

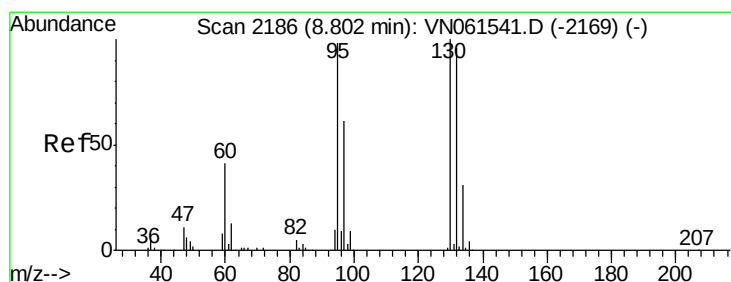
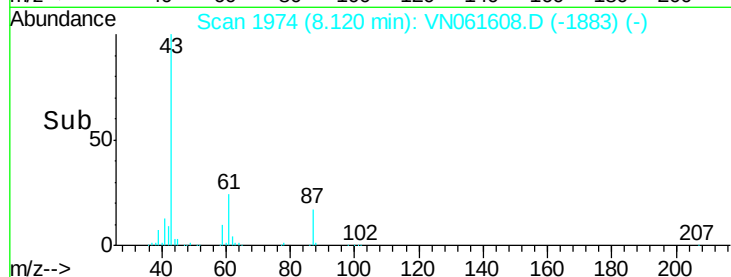
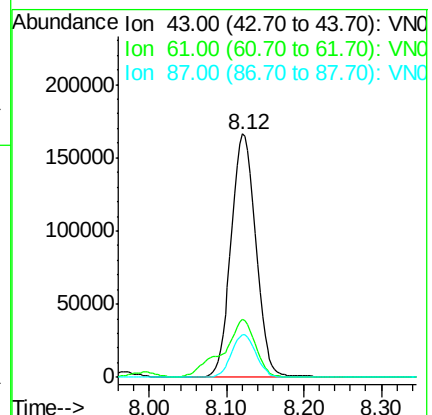
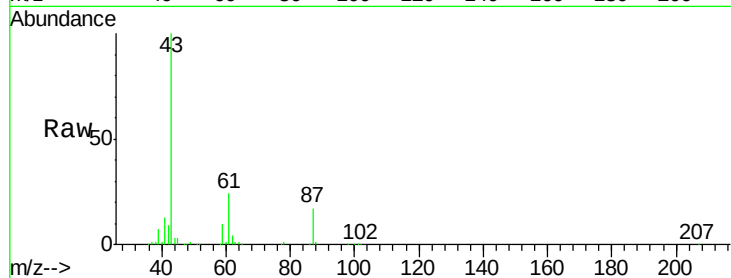
Tot Ion: 43 Resp: 367446

Ion Ratio Lower Upper

43 100

61 31.2 23.6 35.4

87 17.4 13.0 19.6



#44

Trichloroethene

Concen: 51.693 ug/l

RT: 8.80 min Scan# 2185

Delta R.T. -0.00 min

Lab File: VN061608.D

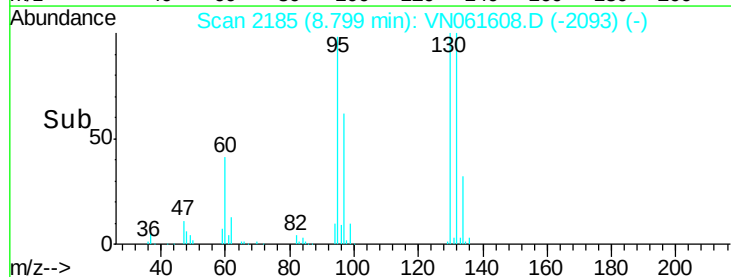
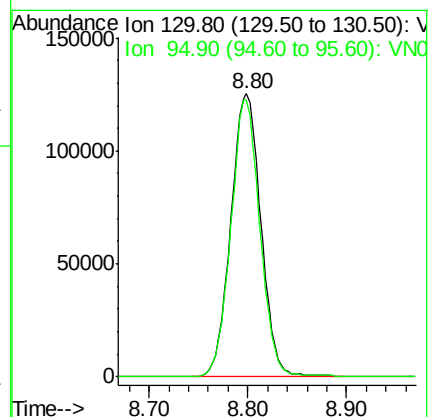
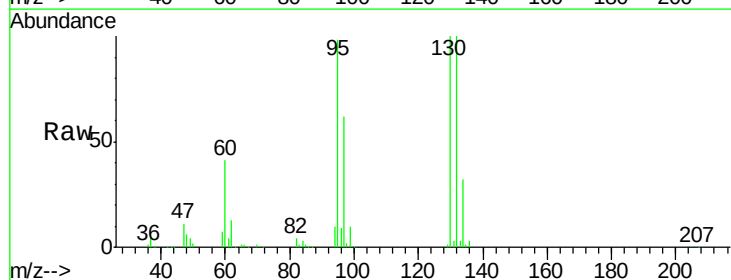
Acq: 2 Jun 2020 9:47

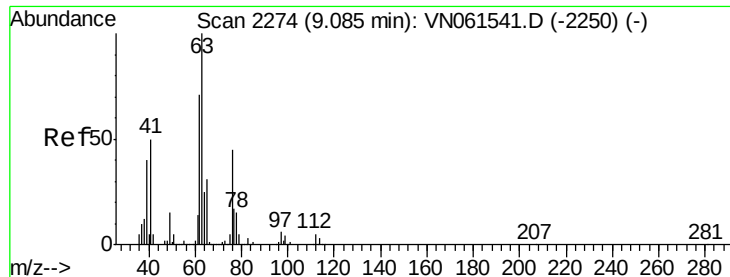
Tgt Ion:130 Resp: 266931

Ion Ratio Lower Upper

130 100

95 98.1 0.0 196.6

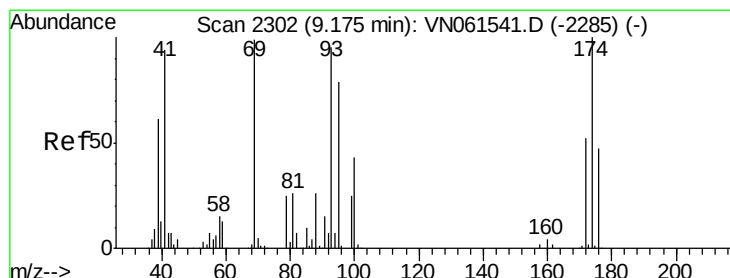
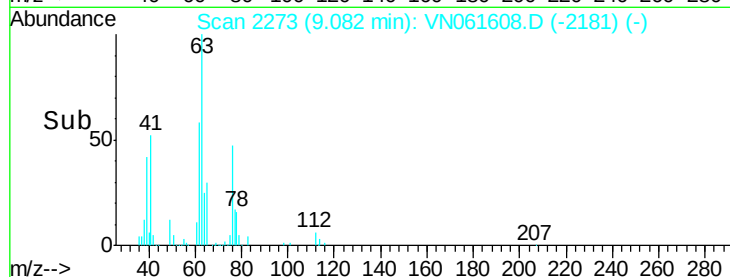
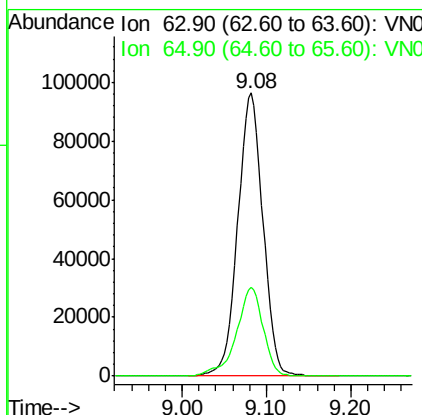
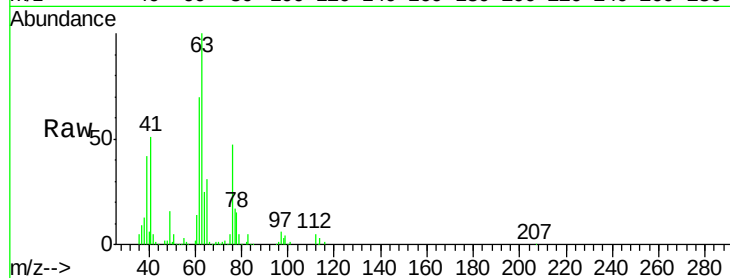




#45
 1,2-Dichloropropane
 Concen: 50.326 ug/l
 RT: 9.08 min Scan# 2273
 Delta R.T. -0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

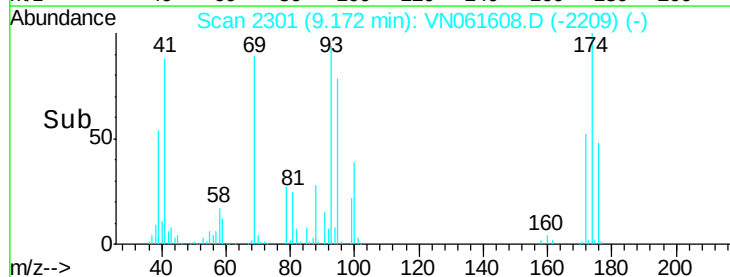
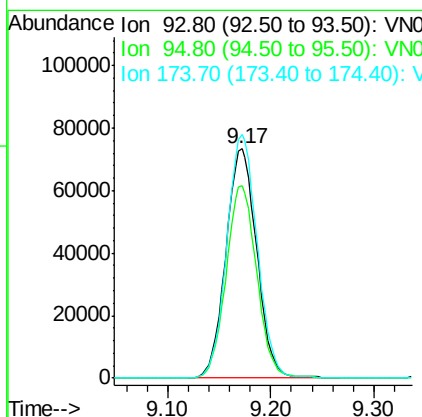
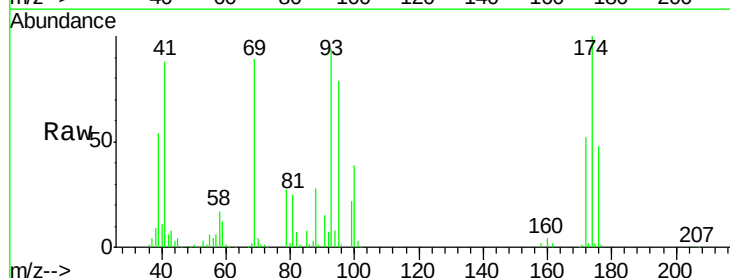
Instrument :
 MSVOA_N
 ClientSampled :

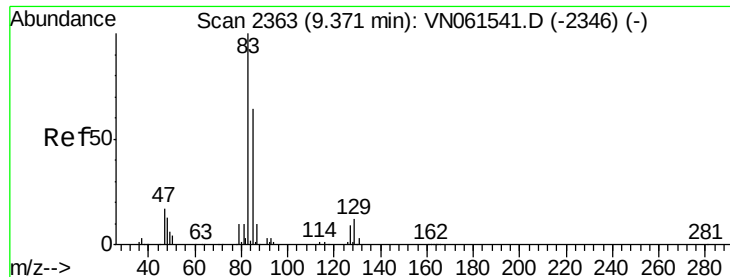
Tot Ion: 63 Resp: 200789
 Ion Ratio Lower Upper
 63 100
 65 31.3 24.7 37.1



#46
 Dibromomethane
 Concen: 49.984 ug/l
 RT: 9.17 min Scan# 2301
 Delta R.T. -0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

Tgt Ion: 93 Resp: 152948
 Ion Ratio Lower Upper
 93 100
 95 83.4 66.0 99.0
 174 104.5 82.5 123.7





#47

Bromodichloromethane

Concen: 51.646 ug/l

RT: 9.37 min Scan# 2362

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

ClientSampled :

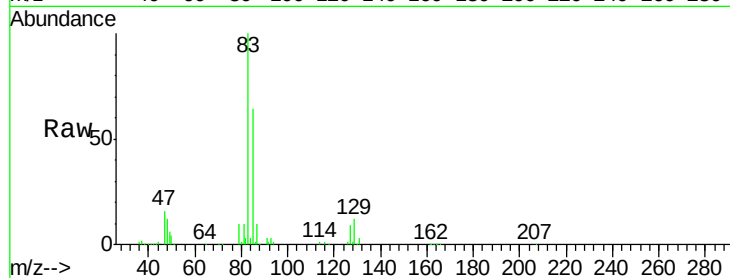
Tot Ion: 83 Resp: 313103

Ion Ratio Lower Upper

83 100

85 64.5 51.1 76.7

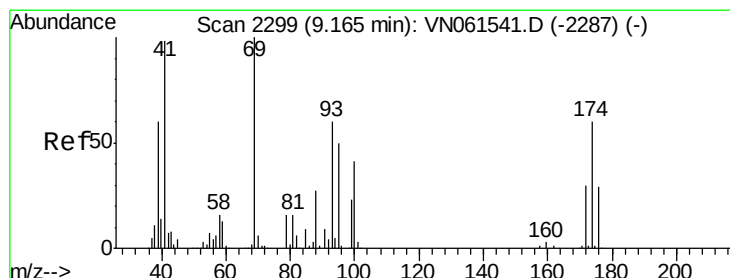
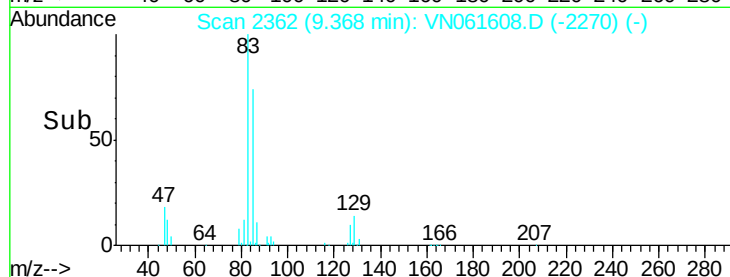
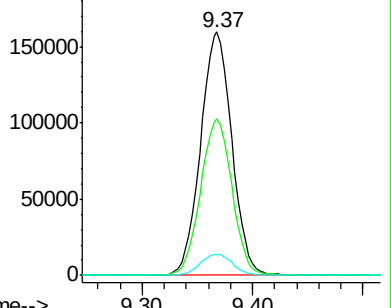
127 8.7 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061608.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061608.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061608.D (-2270) (-)



#48

Methyl methacrylate

Concen: 45.634 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

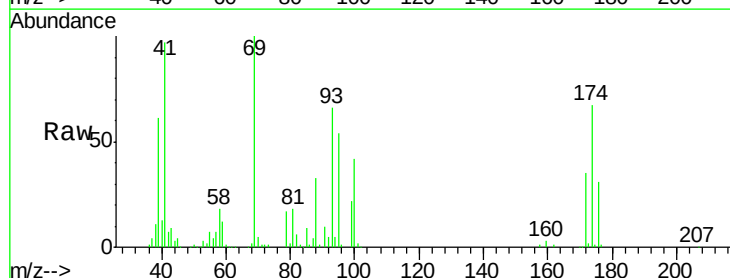
Tgt Ion: 41 Resp: 162014

Ion Ratio Lower Upper

41 100

69 105.8 83.9 125.9

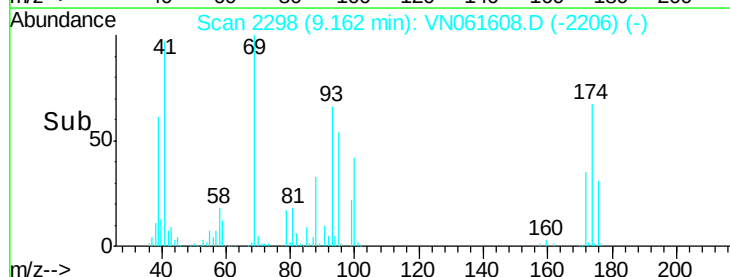
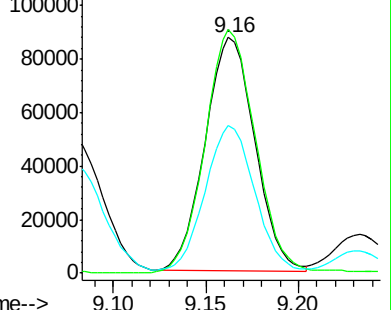
39 63.9 52.1 78.1

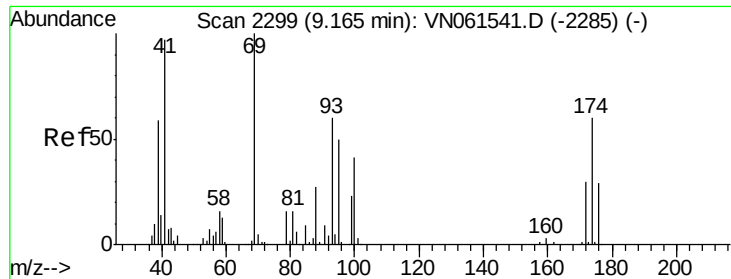


Abundance Ion 41.00 (40.70 to 41.70): VN061608.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061608.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061608.D (-2206) (-)





#49

1,4-Dioxane

Concen: 1104.712 ug/l

RT: 9.16 min Scan# 2298

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :
MSVOA_N
ClientSampled :

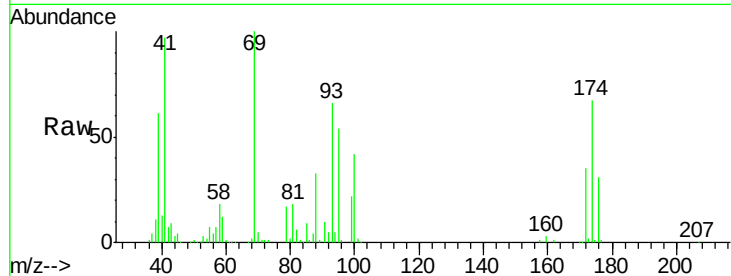
Tot Ion: 88 Resp: 60760

Ion Ratio Lower Upper

88 100

43 28.6 23.1 34.7

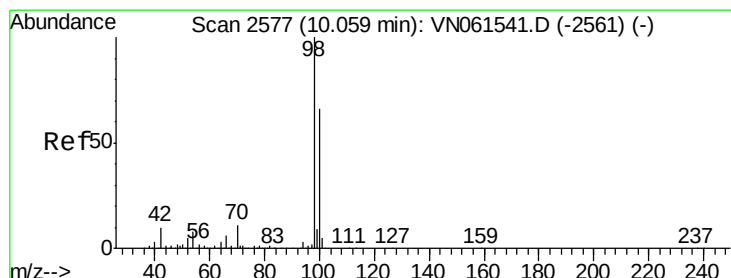
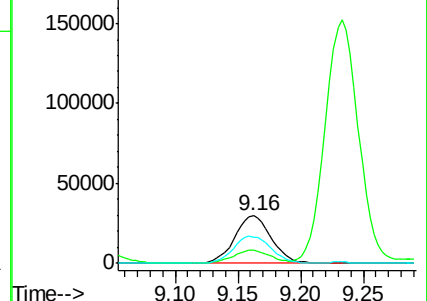
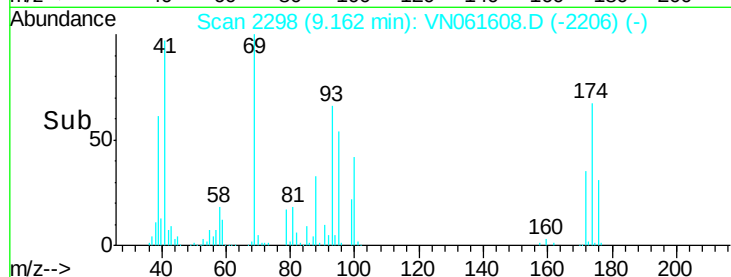
58 58.7 48.3 72.5



Abundance Ion 88.00 (87.70 to 88.70): VN061608.D (-2206) (-)

Ion 43.00 (42.70 to 43.70): VN061608.D (-2206) (-)

Ion 58.00 (57.70 to 58.70): VN061608.D (-2206) (-)



#50

Toluene-d8

Concen: 45.740 ug/l

RT: 10.06 min Scan# 2576

Delta R.T. -0.00 min

Lab File: VN061608.D

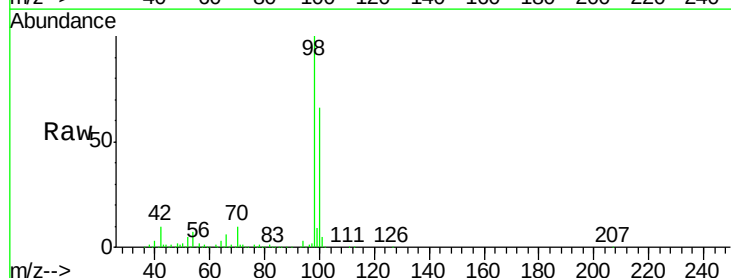
Acq: 2 Jun 2020 9:47

Tgt Ion: 98 Resp: 661450

Ion Ratio Lower Upper

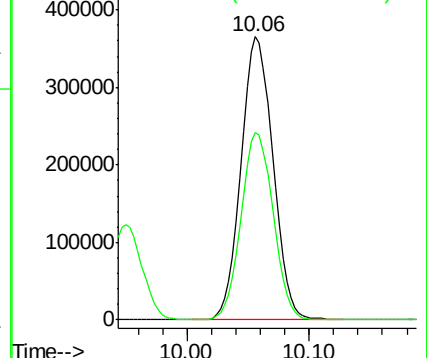
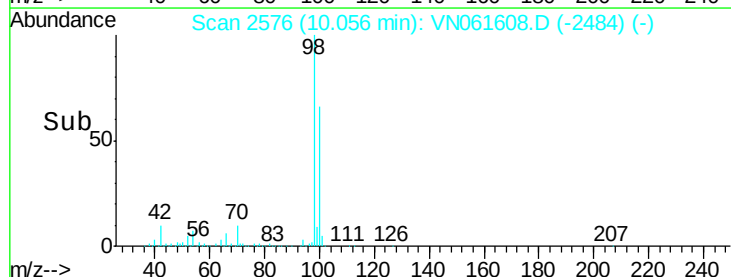
98 100

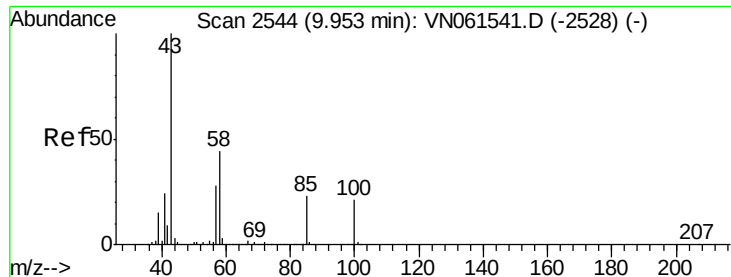
100 66.2 52.8 79.2



Abundance Ion 98.00 (97.70 to 98.70): VN061608.D (-2484) (-)

Ion 100.00 (99.70 to 100.70): VN061608.D (-2484) (-)

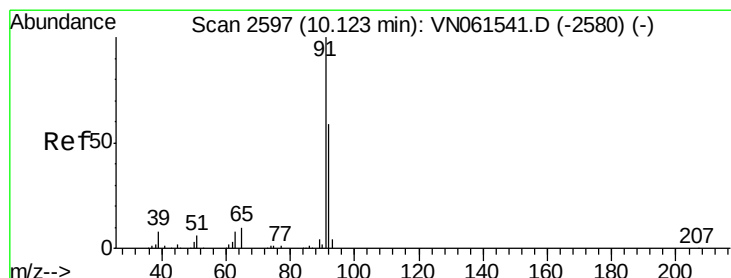
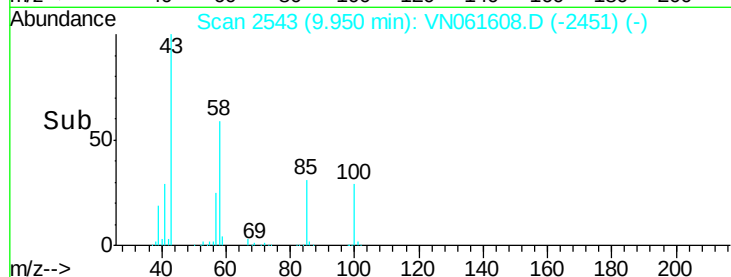
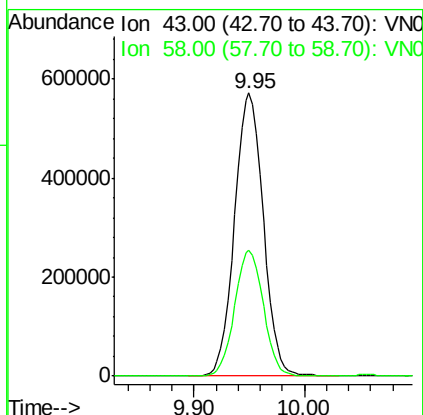
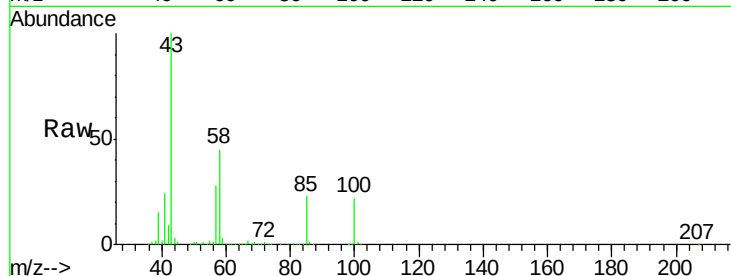




#51
 4-Methyl-2-Pentanone
 Concen: 232.056 ug/l
 RT: 9.95 min Scan# 2543
 Delta R.T. -0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

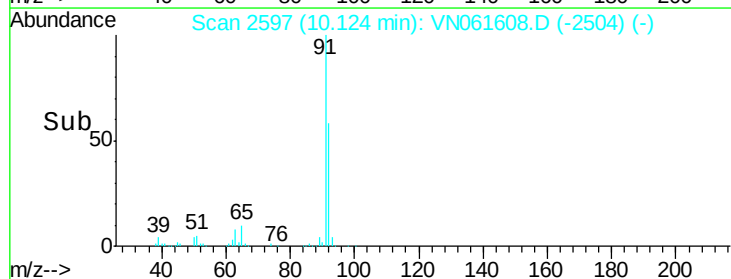
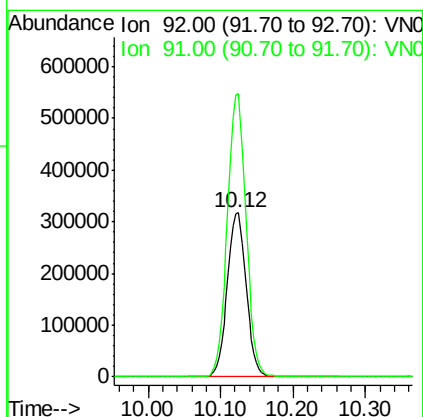
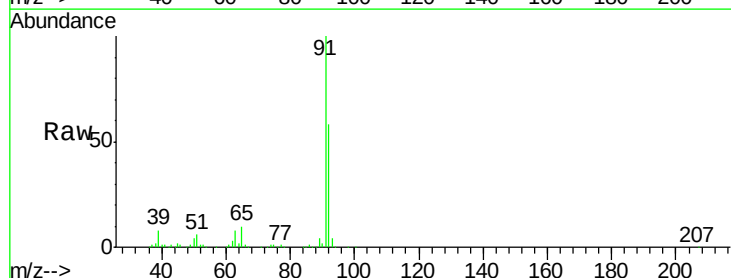
Instrument :
 MSVOA_N
 ClientSampleId :

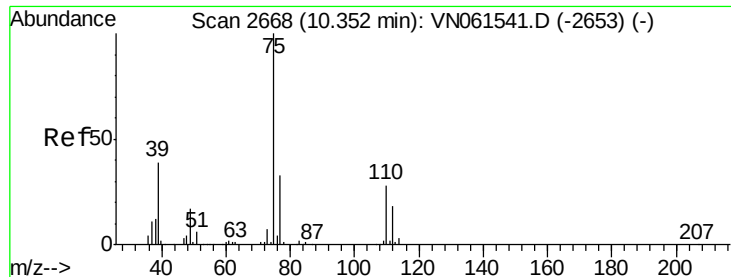
Tot Ion: 43 Resp: 1031918
 Ion Ratio Lower Upper
 43 100
 58 44.6 35.0 52.6



#52
 Toluene
 Concen: 52.693 ug/l
 RT: 10.12 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

Tgt Ion: 92 Resp: 577862
 Ion Ratio Lower Upper
 92 100
 91 170.9 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 52.423 ug/l

RT: 10.35 min Scan# 2667

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

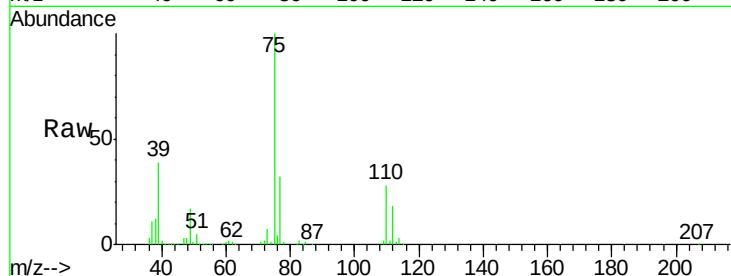
ClientSampleId :

Tot Ion: 75 Resp: 342365

Ion Ratio Lower Upper

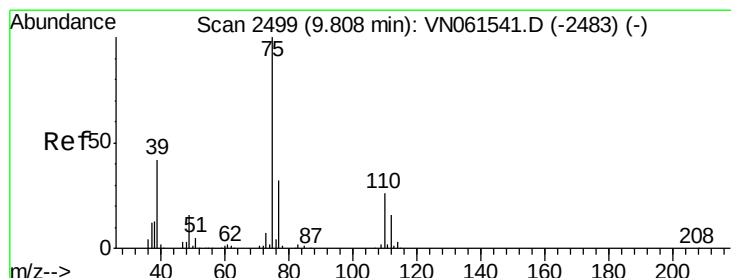
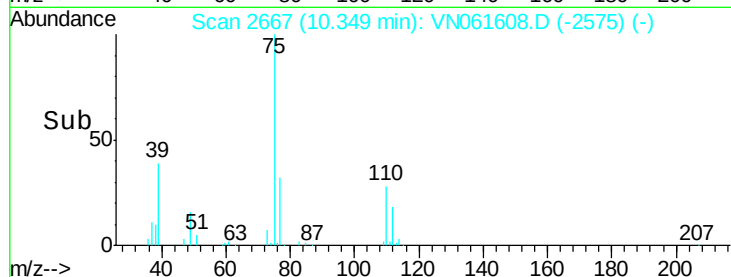
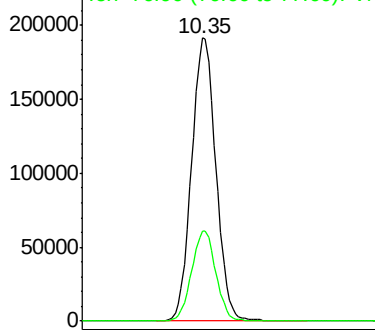
75 100

77 31.9 26.2 39.4



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 51.417 ug/l

RT: 9.81 min Scan# 2498

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

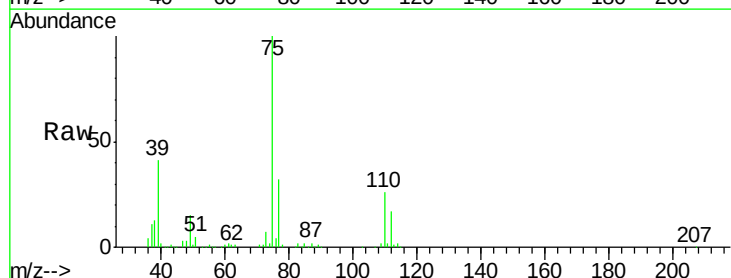
Tgt Ion: 75 Resp: 361058

Ion Ratio Lower Upper

75 100

77 31.9 25.4 38.2

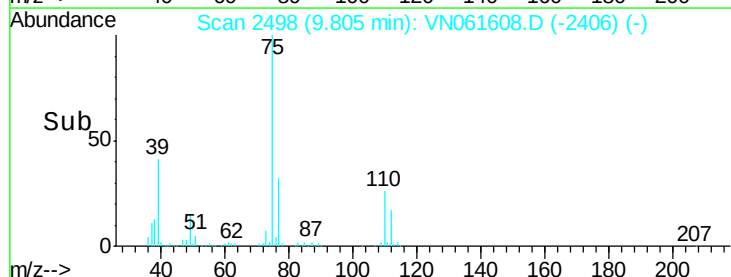
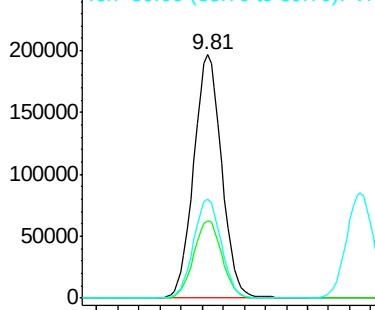
39 40.4 33.8 50.6

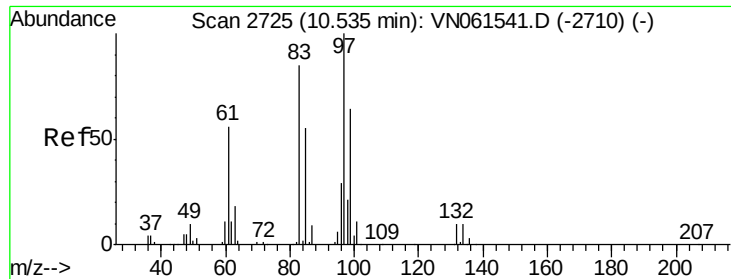


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0





#55

1,1,2-Trichloroethane

Concen: 50.505 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

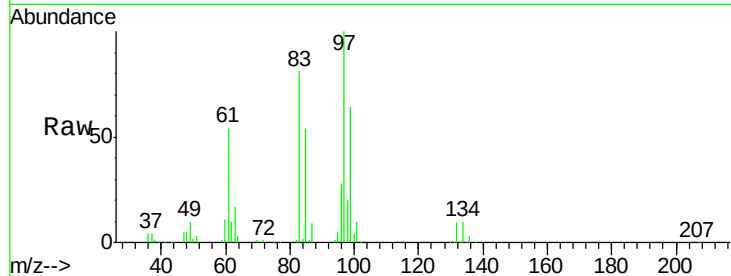
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 220667

Ion	Ratio	Lower	Upper
97	100		
83	81.3	68.1	102.1
85	54.0	44.1	66.1
99	63.8	51.1	76.7

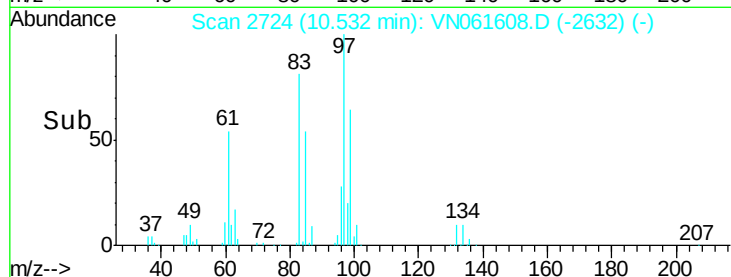


Abundance Ion 96.90 (96.60 to 97.60): VN0

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



Time-->

10.53

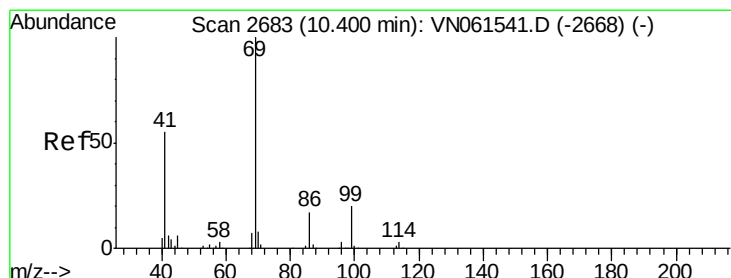
150000

100000

50000

0

10.45 10.50 10.55 10.60



#56

Ethyl methacrylate

Concen: 51.208 ug/l

RT: 10.40 min Scan# 2682

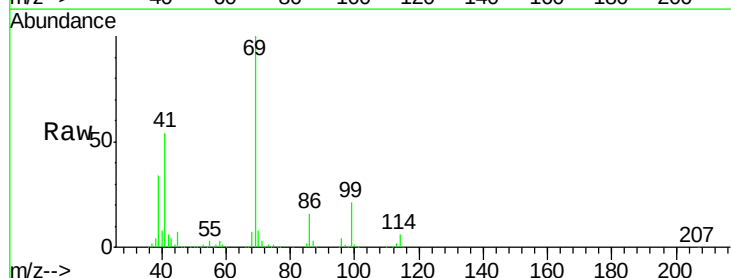
Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Tgt Ion: 69 Resp: 312540

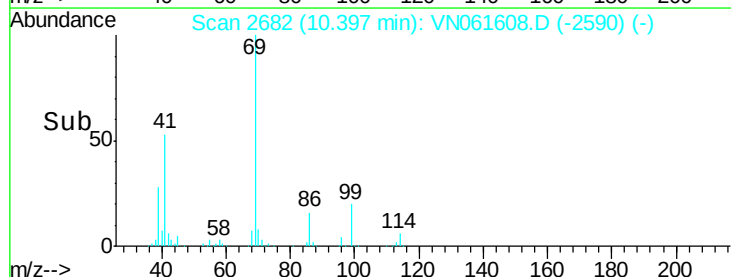
Ion	Ratio	Lower	Upper
69	100		
41	52.6	43.5	65.3
39	32.8	27.0	40.6



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



Time-->

10.40

250000

200000

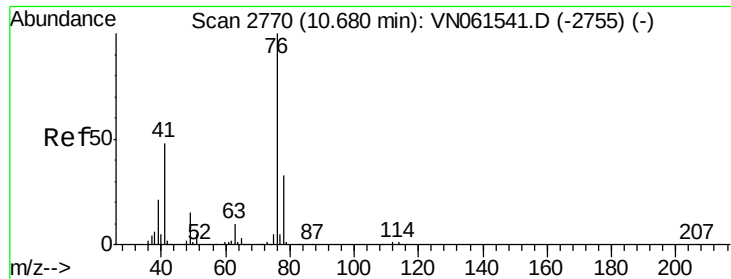
150000

100000

50000

0

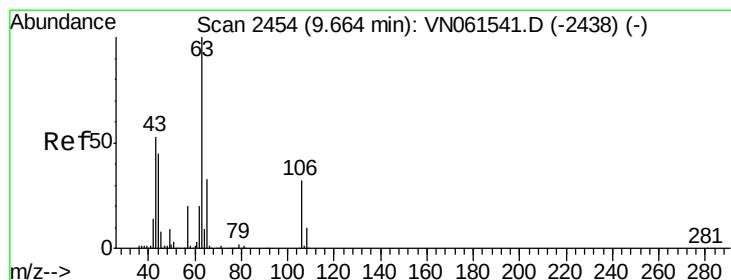
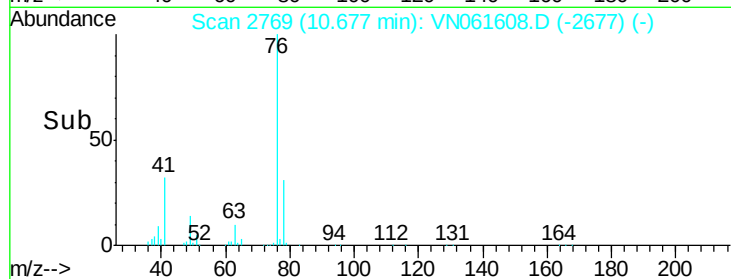
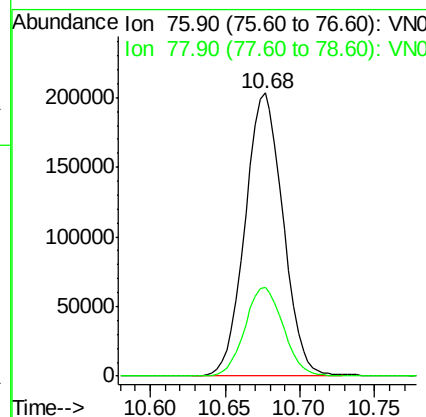
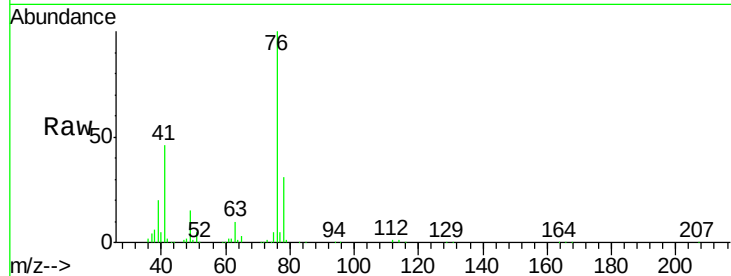
10.30 10.40 10.50



#57
 1,3-Dichloropropane
 Concen: 51.401 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

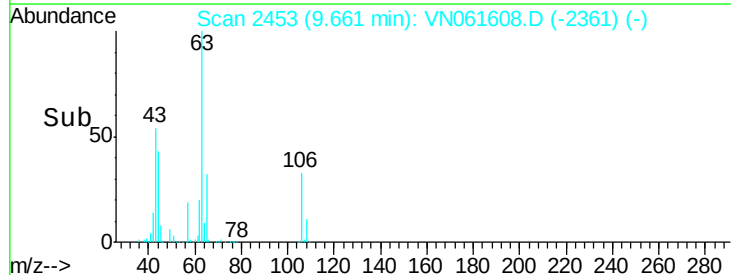
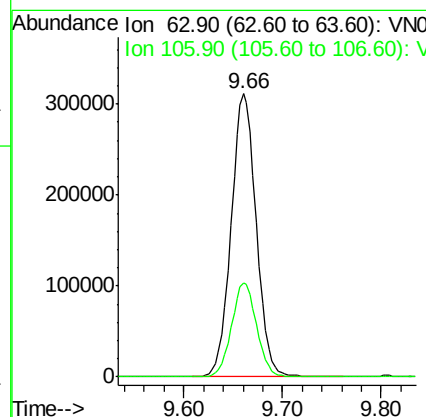
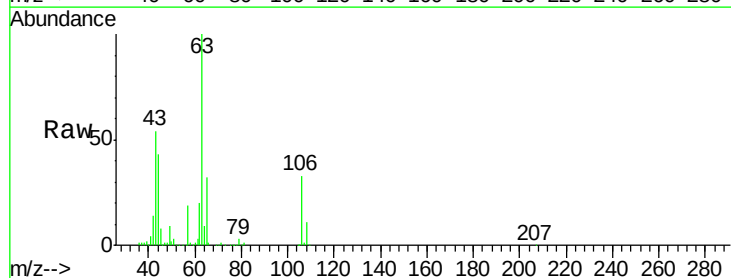
Instrument :
 MSVOA_N
 ClientSampleId :

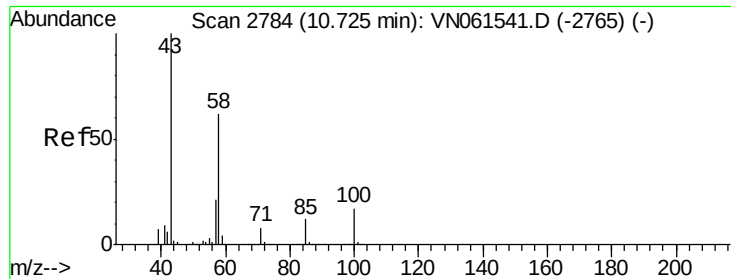
Tot Ion: 76 Resp: 359189
 Ion Ratio Lower Upper
 76 100
 78 31.9 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 211.976 ug/l
 RT: 9.66 min Scan# 2453
 Delta R.T. -0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

Tgt Ion: 63 Resp: 552882
 Ion Ratio Lower Upper
 63 100
 106 33.1 25.9 38.9

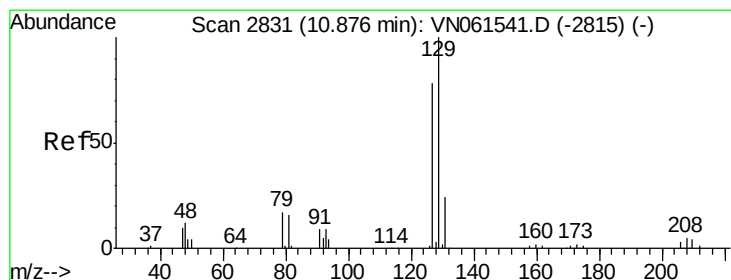
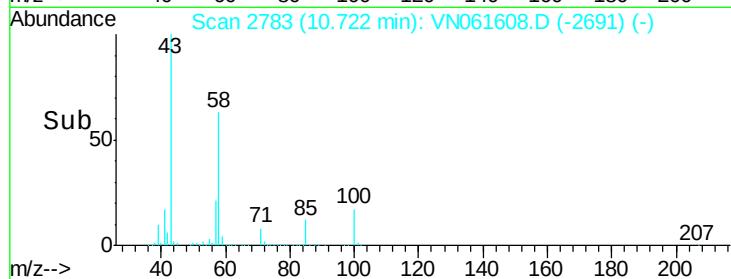
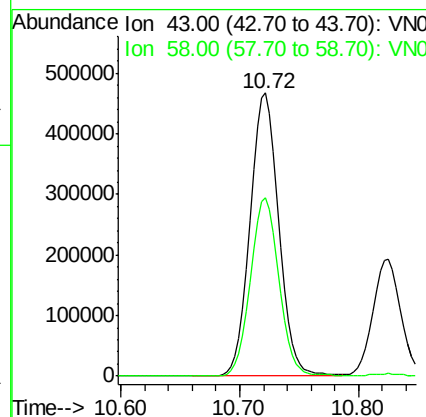
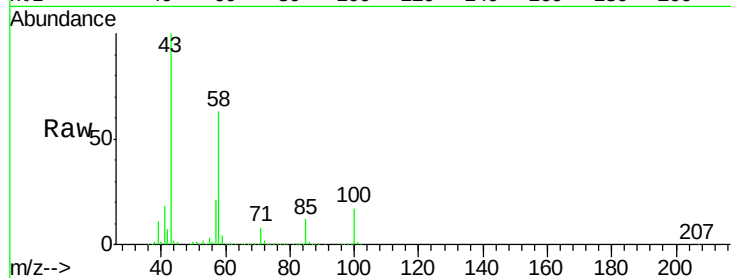




#59
2-Hexanone
Concen: 244.448 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

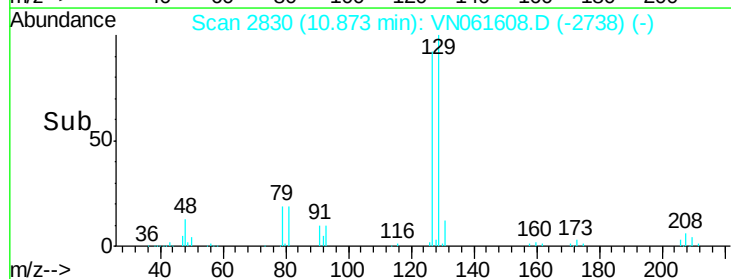
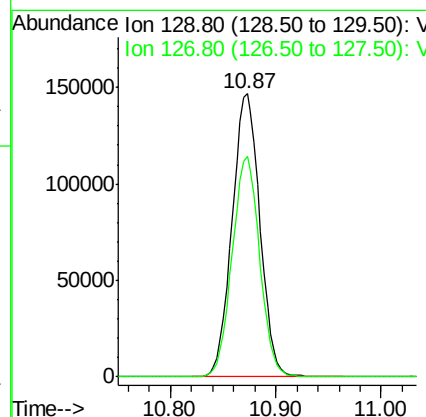
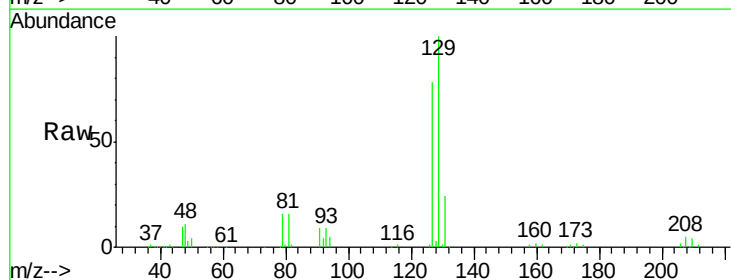
Instrument :
MSVOA_N
ClientSampled :

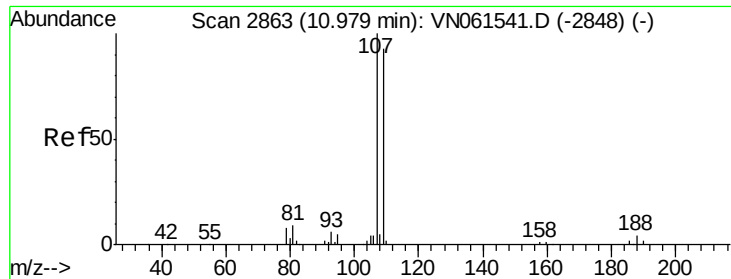
Tot Ion: 43 Resp: 780670
Ion Ratio Lower Upper
43 100
58 62.6 30.7 92.1



#60
Dibromochloromethane
Concen: 53.918 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion: 129 Resp: 267817
Ion Ratio Lower Upper
129 100
127 76.8 38.8 116.3

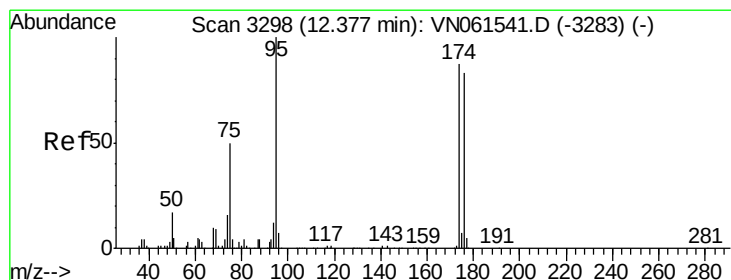
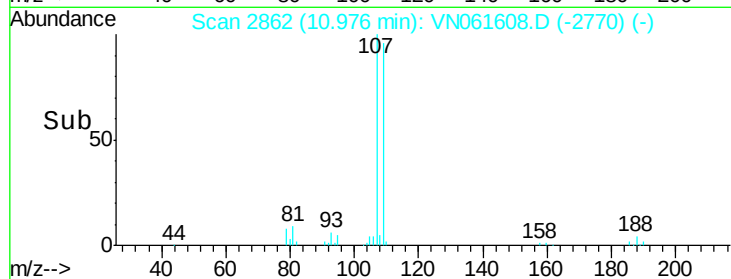
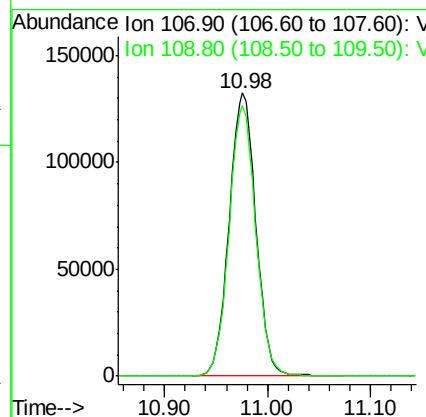
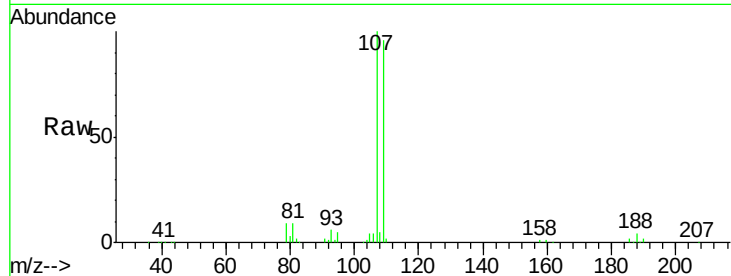




#61
 1,2-Dibromoethane
 Concen: 52.508 ug/l
 RT: 10.98 min Scan# 2862
 Delta R.T. -0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

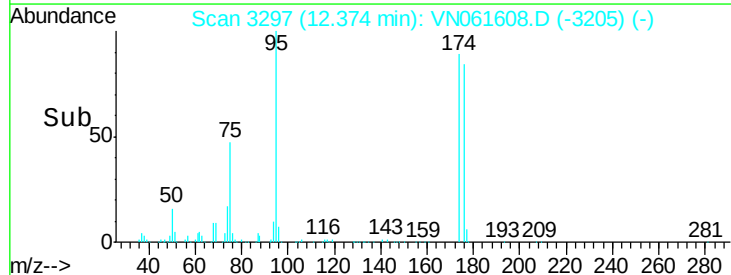
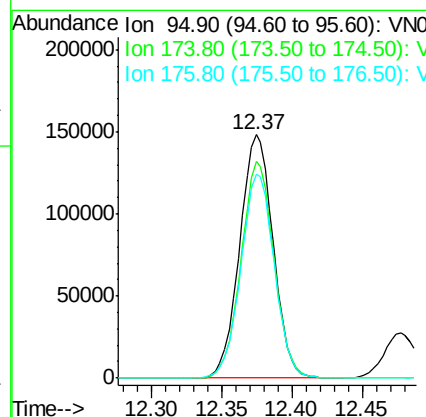
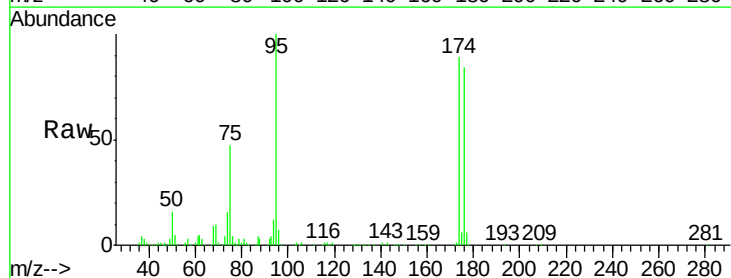
Instrument :
 MSVOA_N
 ClientSampled :

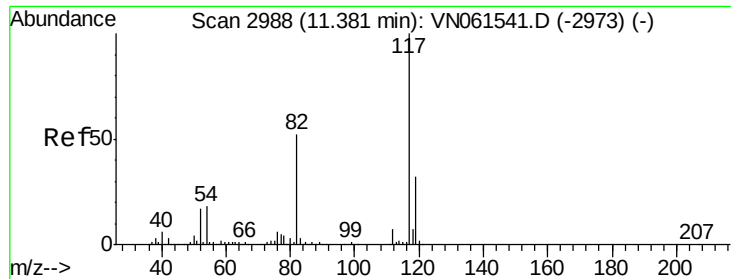
Tot Ion:107 Resp: 239271
 Ion Ratio Lower Upper
 107 100
 109 95.3 76.1 114.1



#62
 4-Bromofluorobenzene
 Concen: 46.677 ug/l
 RT: 12.37 min Scan# 3297
 Delta R.T. -0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

Tgt Ion: 95 Resp: 246264
 Ion Ratio Lower Upper
 95 100
 174 87.8 0.0 172.8
 176 83.8 0.0 164.8

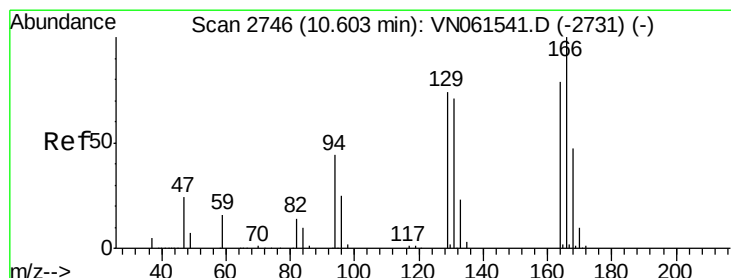
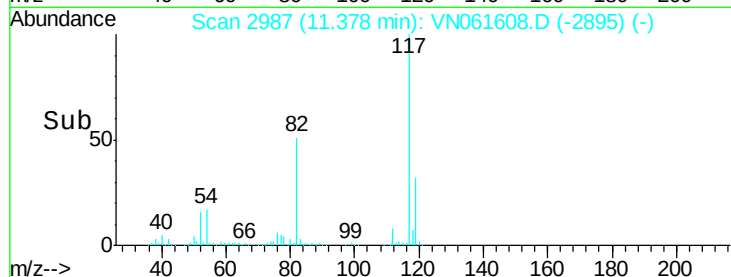
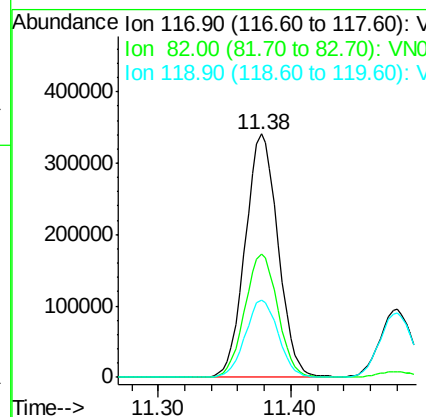
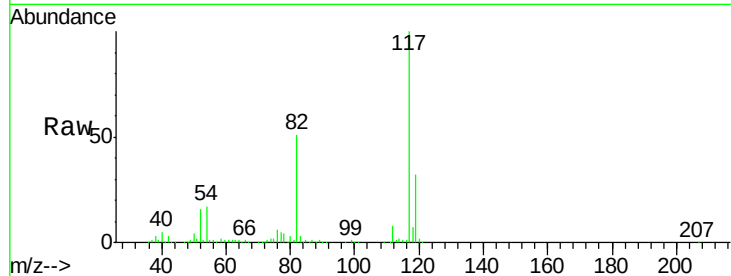




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2987
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

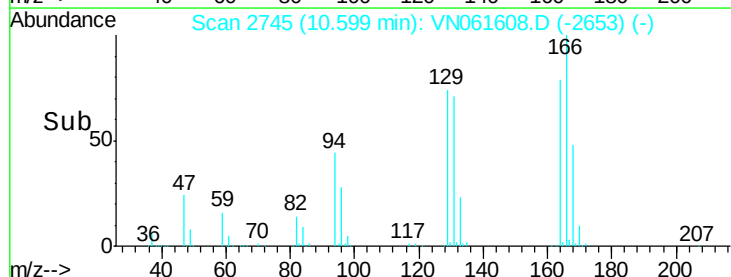
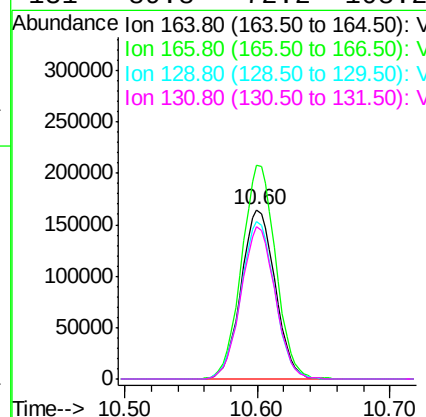
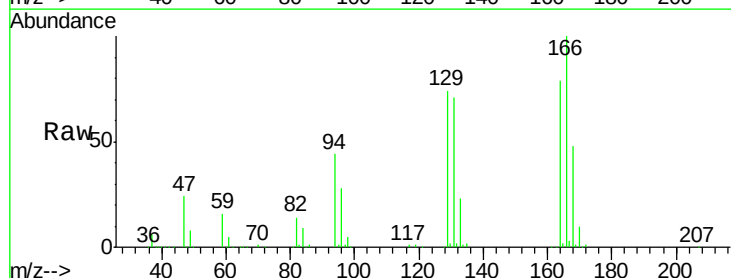
Instrument :
MSVOA_N
ClientSampled :

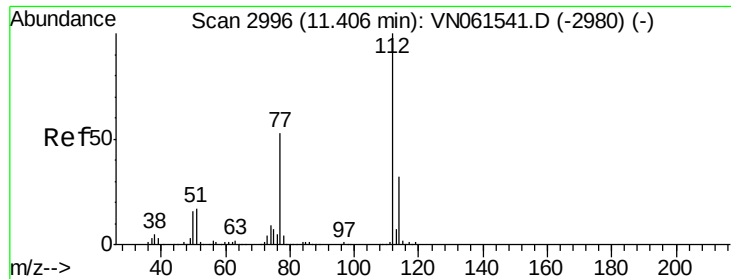
Tot Ion:117 Resp: 586159
Ion Ratio Lower Upper
117 100
82 50.7 41.5 62.3
119 31.8 25.6 38.4



#64
Tetrachloroethene
Concen: 53.055 ug/l
RT: 10.60 min Scan# 2745
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion:164 Resp: 292736
Ion Ratio Lower Upper
164 100
166 126.4 101.5 152.3
129 93.0 74.9 112.3
131 89.8 72.2 108.2





#65

Chlorobenzene

Concen: 52.208 ug/l

RT: 11.40 min Scan# 2995

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

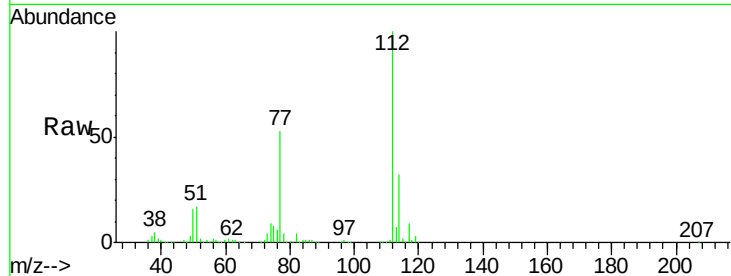
ClientSampled :

Tot Ion:112 Resp: 636102

Ion Ratio Lower Upper

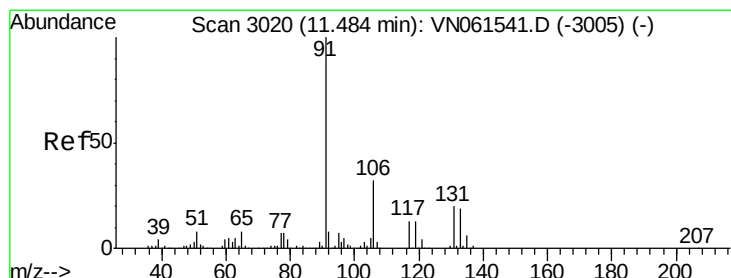
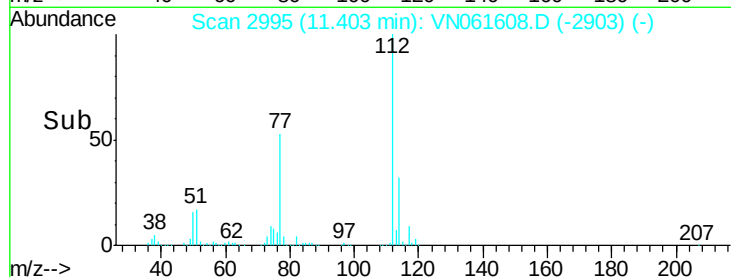
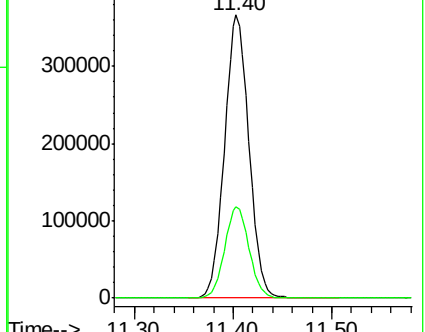
112 100

114 32.3 25.7 38.5



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 53.323 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

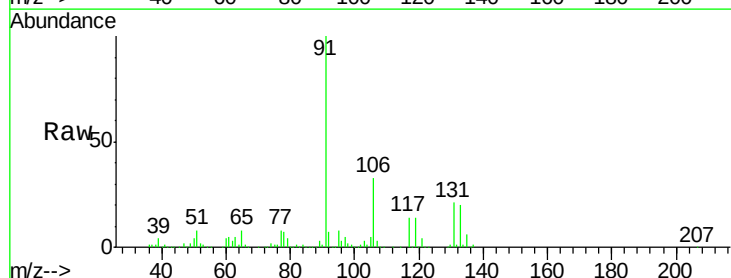
Tgt Ion:131 Resp: 241913

Ion Ratio Lower Upper

131 100

133 95.4 47.4 142.2

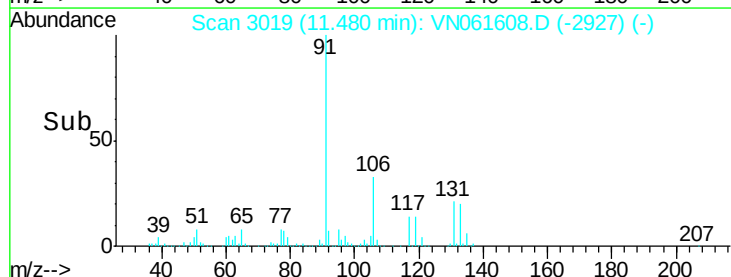
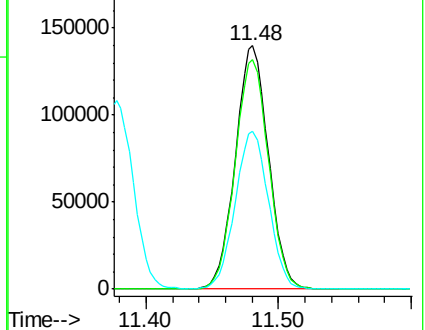
119 65.4 32.6 97.8

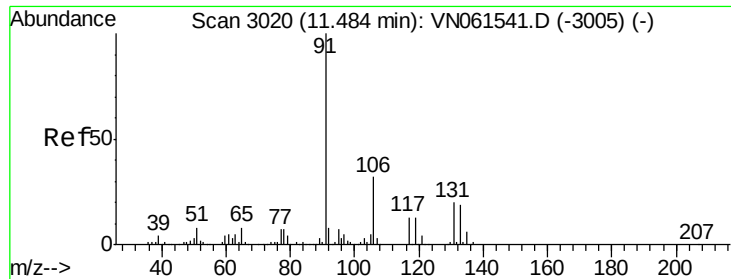


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

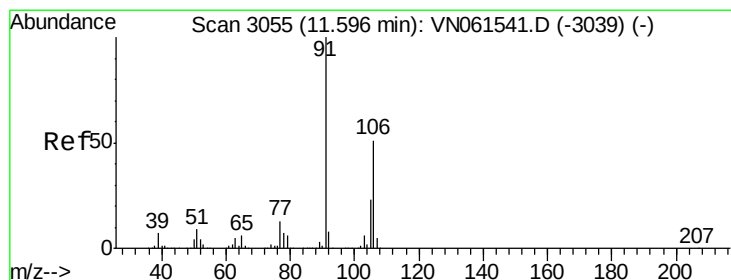
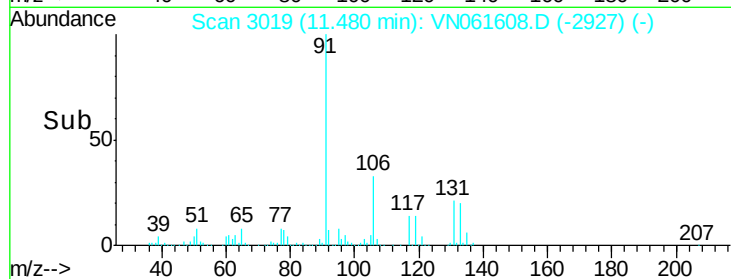
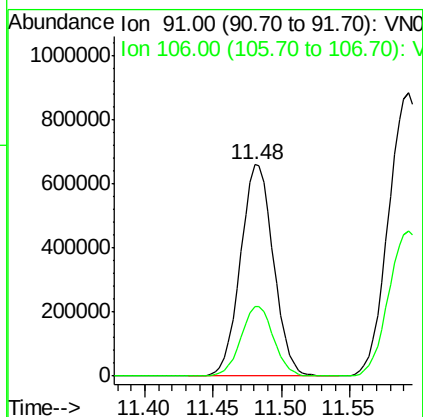
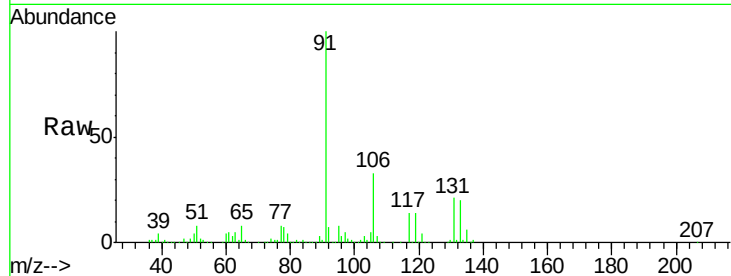




#67
Ethyl Benzene
Concen: 52.638 ug/l
RT: 11.48 min Scan# 3019
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

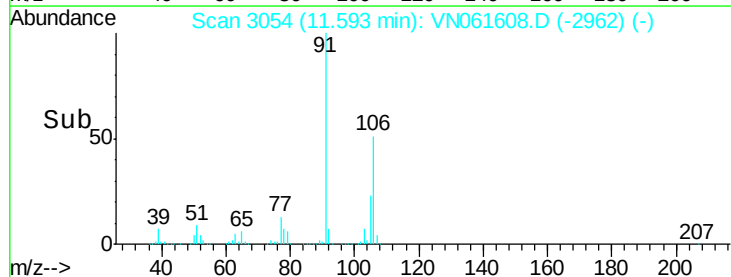
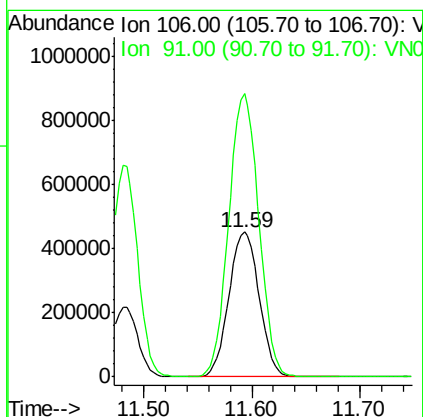
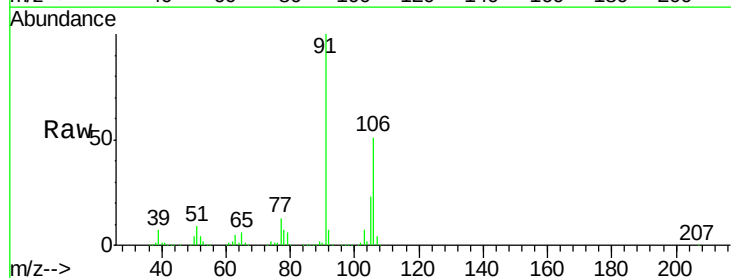
Instrument :
MSVOA_N
ClientSampled :

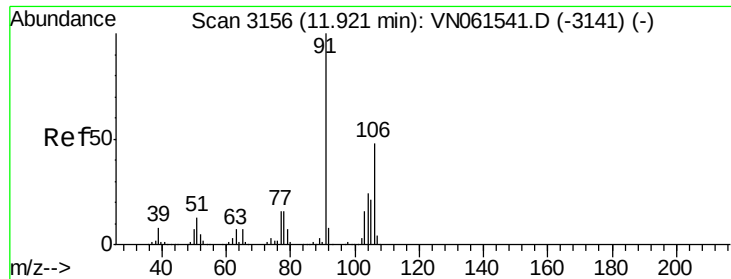
Tot Ion: 91 Resp: 1108494
Ion Ratio Lower Upper
91 100
106 32.7 25.6 38.4



#68
m/p-Xylenes
Concen: 105.440 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion: 106 Resp: 880417
Ion Ratio Lower Upper
106 100
91 194.4 156.2 234.4

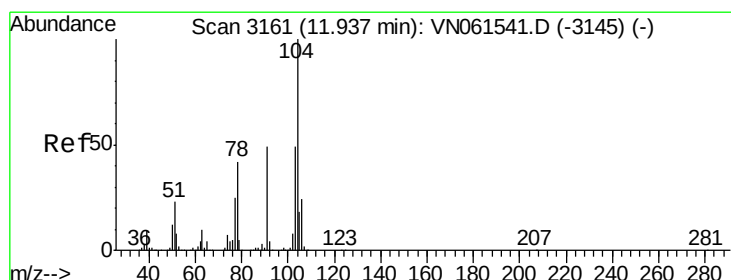
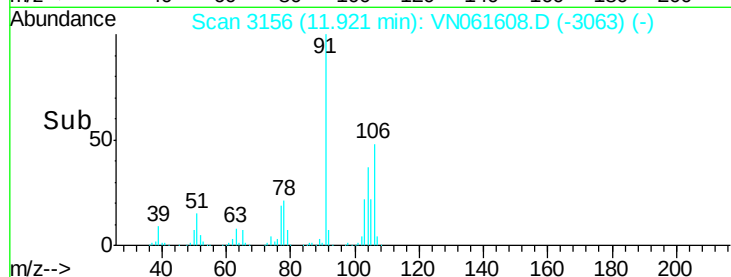
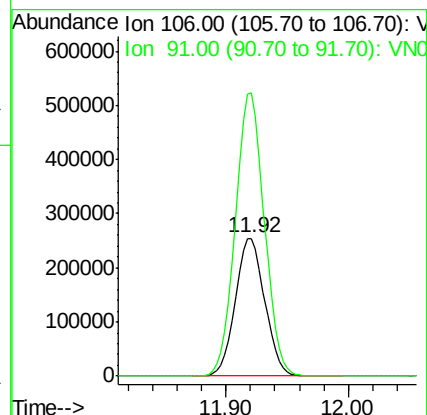
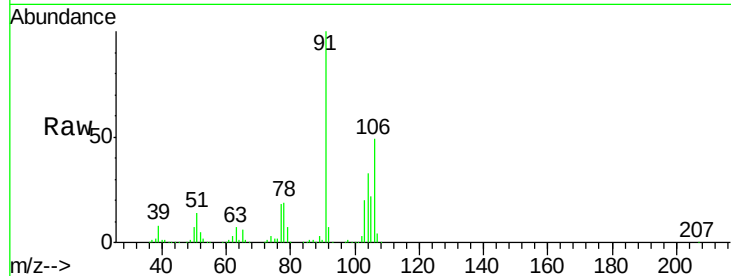




#69
o-Xylene
Concen: 53.718 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. 0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

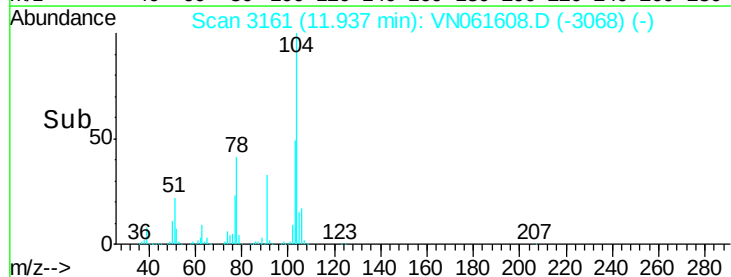
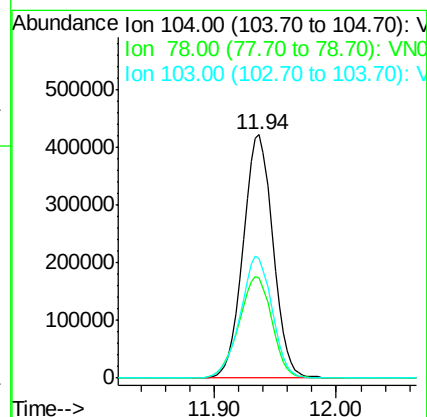
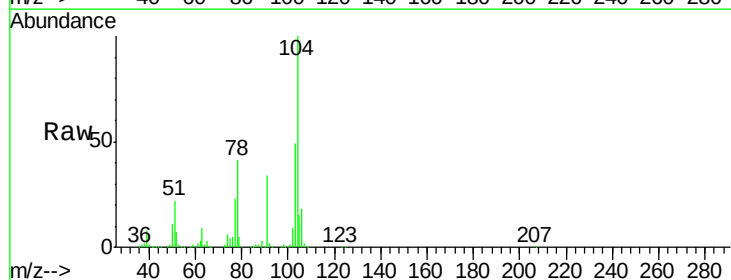
Instrument :
MSVOA_N
ClientSampled :

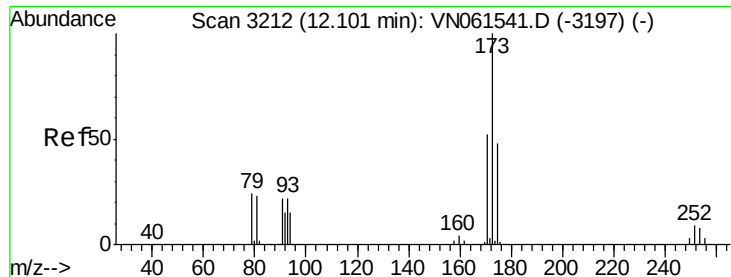
Tot Ion:106 Resp: 426025
Ion Ratio Lower Upper
106 100
91 203.2 103.3 309.8



#70
Styrene
Concen: 54.264 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. 0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion:104 Resp: 712686
Ion Ratio Lower Upper
104 100
78 46.4 37.4 56.0
103 53.6 42.3 63.5

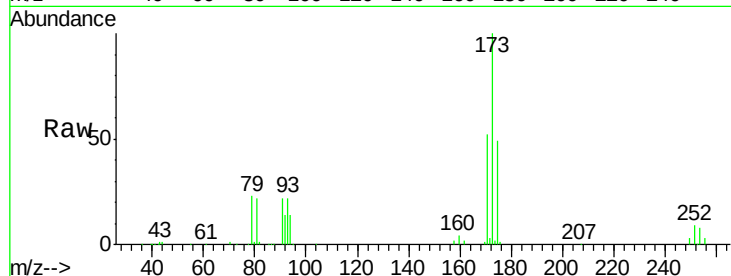




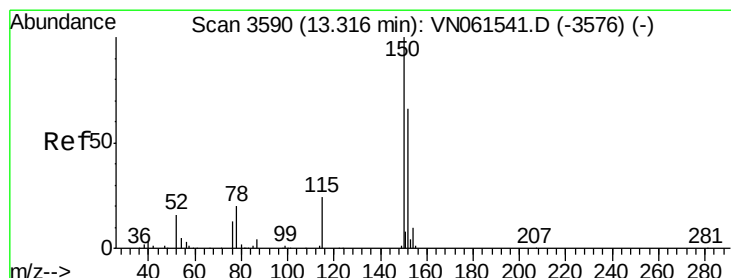
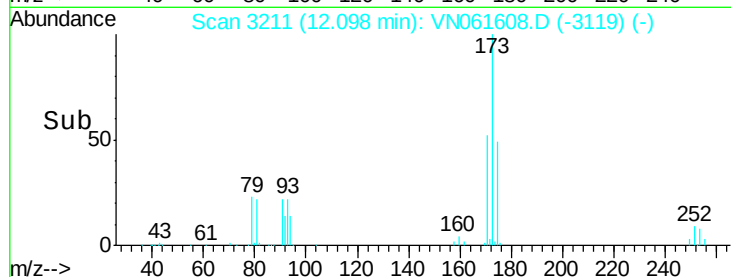
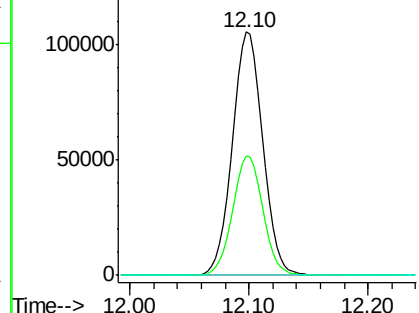
#71
Bromoform
Concen: 53.485 ug/l
RT: 12.10 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:173 Resp: 186975
Ion Ratio Lower Upper
173 100
175 48.7 24.4 73.2
254 0.0 0.0 0.0

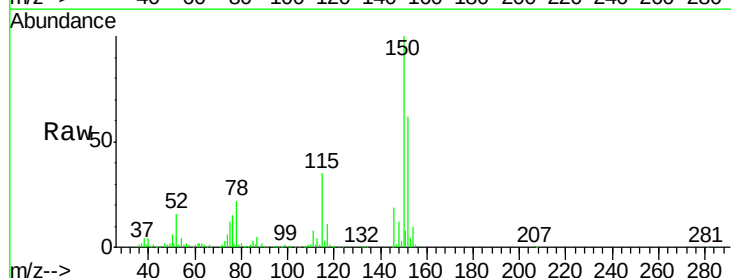


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

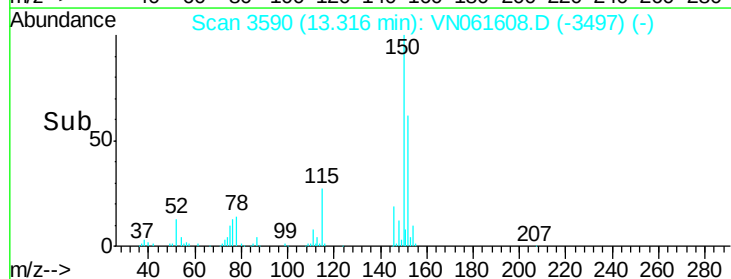
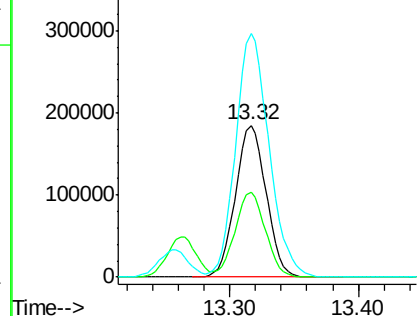


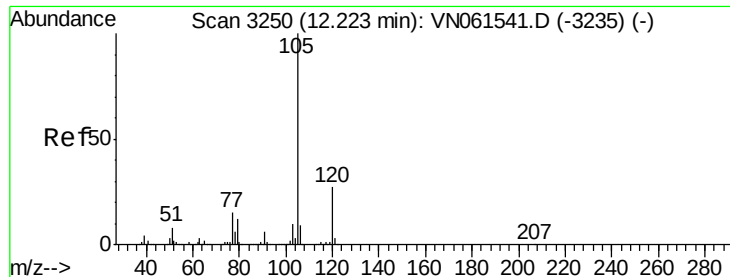
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3590
Delta R.T. 0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion:152 Resp: 304113
Ion Ratio Lower Upper
152 100
115 55.4 28.0 84.0
150 174.9 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: 50.764 ug/l

RT: 12.22 min Scan# 3249

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

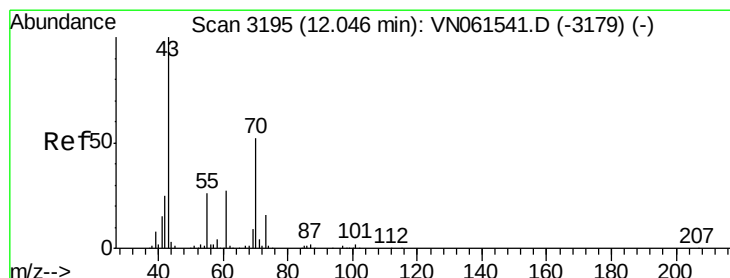
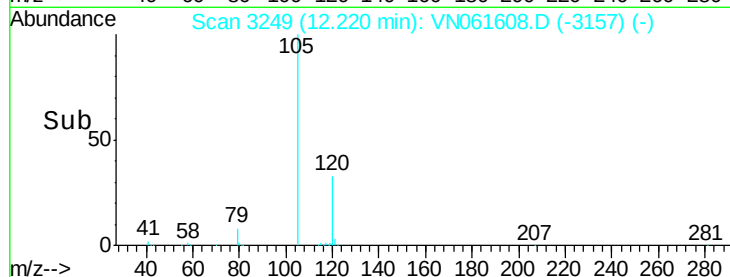
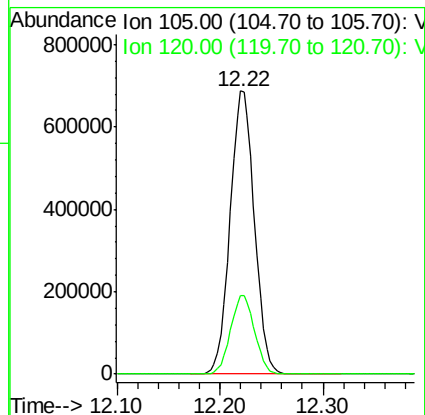
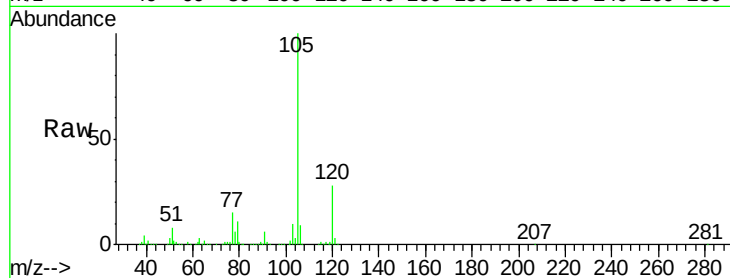
ClientSampleId :

Tot Ion:105 Resp: 1126775

Ion Ratio Lower Upper

105 100

120 27.4 13.8 41.3



#74

N-ethyl acetate

Concen: 45.901 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Tgt Ion: 43 Resp: 320853

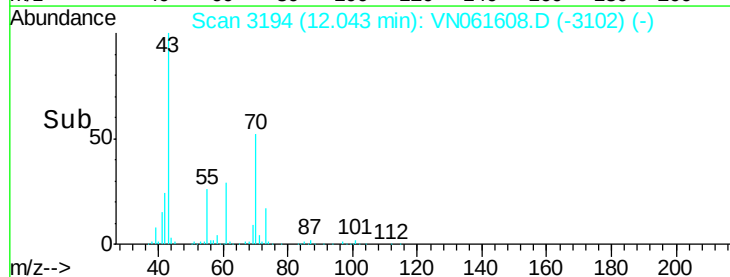
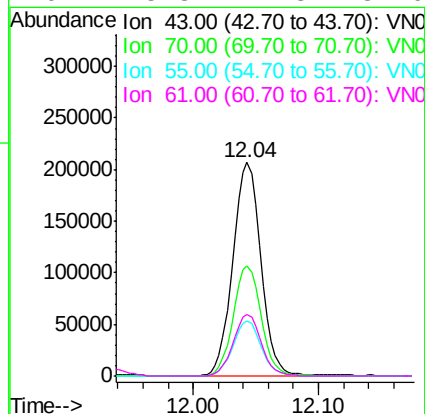
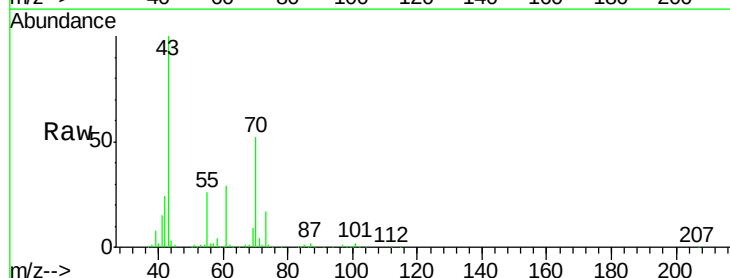
Ion Ratio Lower Upper

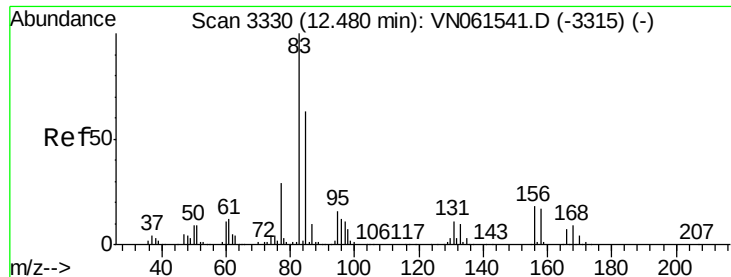
43 100

70 51.8 40.5 60.7

55 26.3 20.6 31.0

61 28.8 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 45.488 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

ClientSampleId :

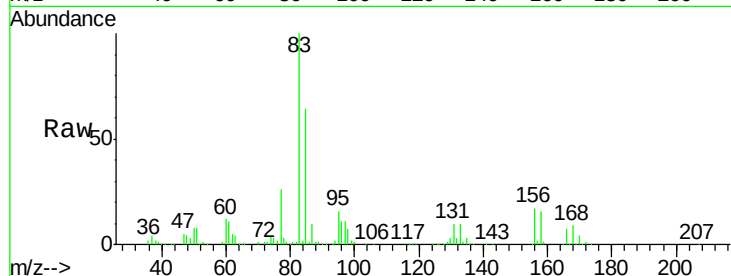
Tot Ion: 83 Resp: 282941

Ion Ratio Lower Upper

83 100

131 10.8 5.5 16.5

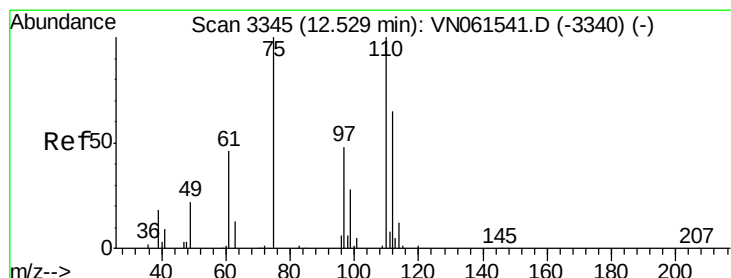
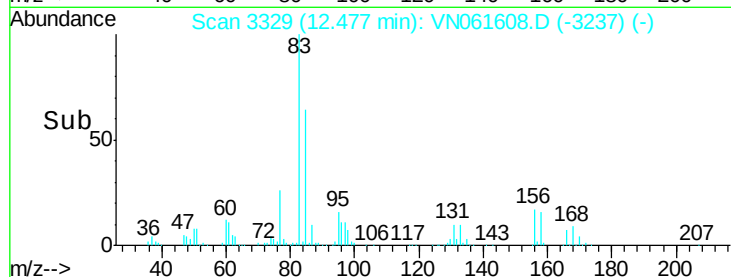
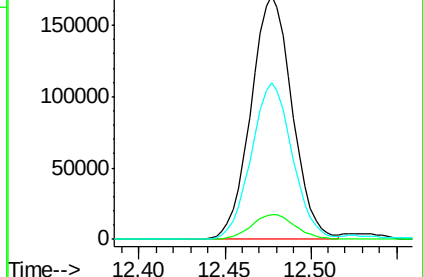
85 64.1 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN061608.D (-3237) (-)

Ion 130.80 (130.50 to 131.50): VN061608.D (-3237) (-)

Ion 84.90 (84.60 to 85.60): VN061608.D (-3237) (-)



#76

1,2,3-Trichloropropane

Concen: 67.592 ug/l

RT: 12.53 min Scan# 3344

Delta R.T. -0.00 min

Lab File: VN061608.D

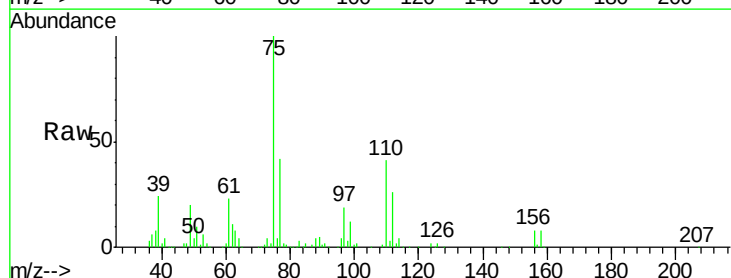
Acq: 2 Jun 2020 9:47

Tgt Ion: 75 Resp: 373779

Ion Ratio Lower Upper

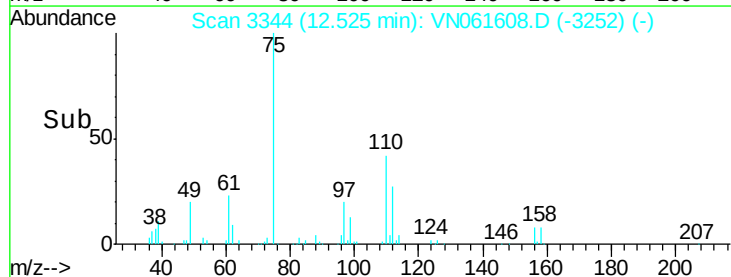
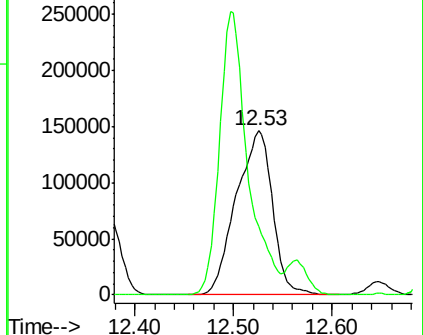
75 100

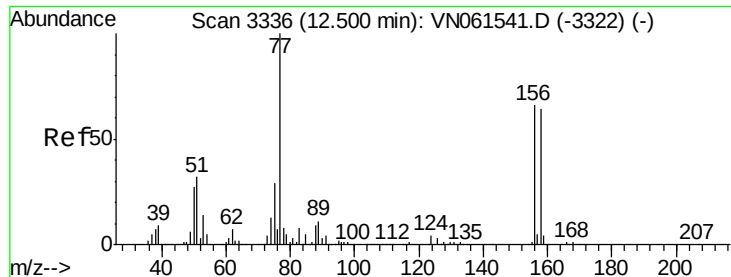
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061608.D (-3252) (-)

Ion 77.00 (76.70 to 77.70): VN061608.D (-3252) (-)

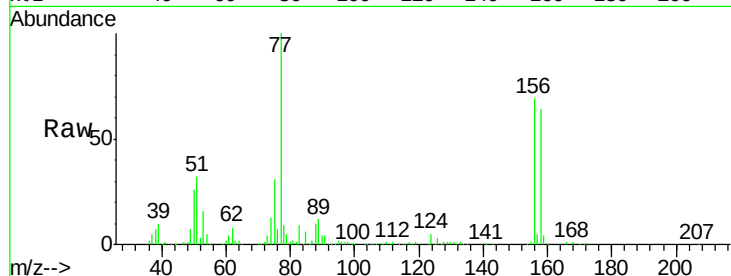




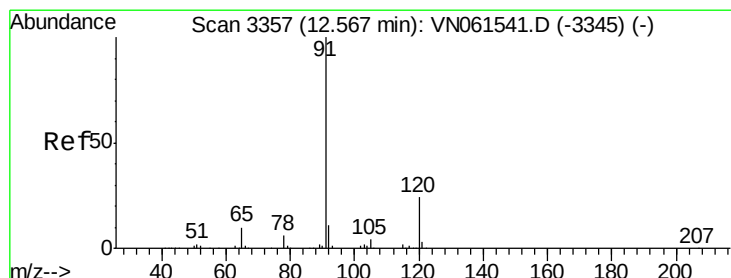
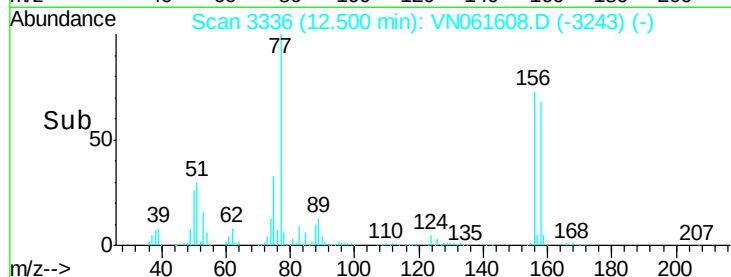
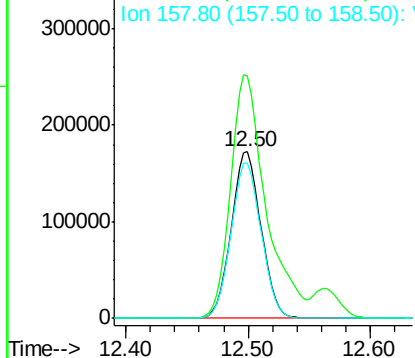
#77
Bromobenzene
Concen: 51.575 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. 0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:156 Resp: 292212
Ion Ratio Lower Upper
156 100
77 174.4 90.9 272.7
158 95.2 48.4 145.3

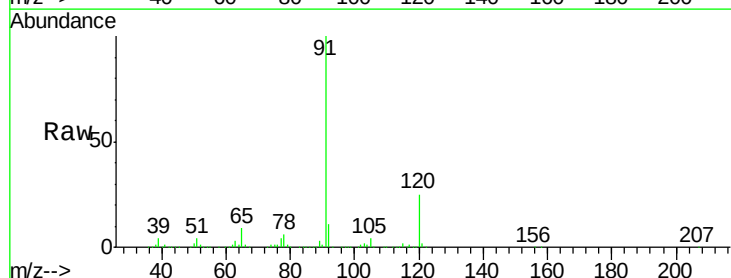


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN0
Ion 157.80 (157.50 to 158.50): V

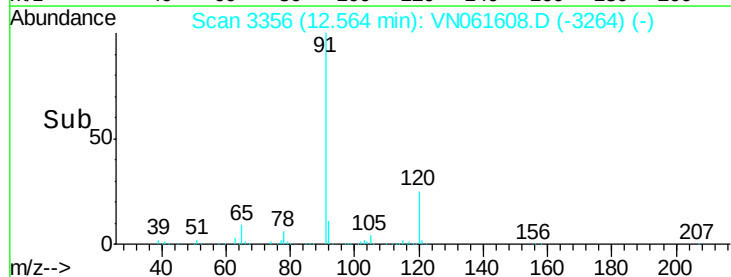
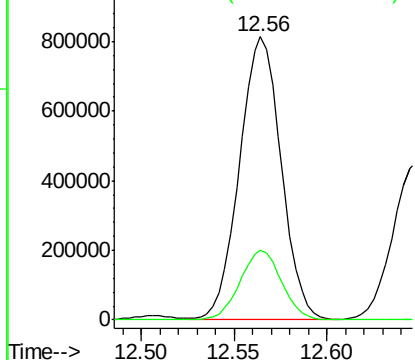


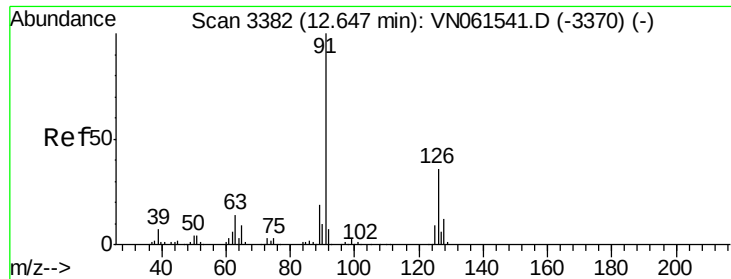
#78
n-propylbenzene
Concen: 50.959 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion: 91 Resp: 1262745
Ion Ratio Lower Upper
91 100
120 24.7 12.3 36.9



Abundance Ion 91.00 (90.70 to 91.70): VN0
Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.078 ug/l

RT: 12.65 min Scan# 3382

Delta R.T. 0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

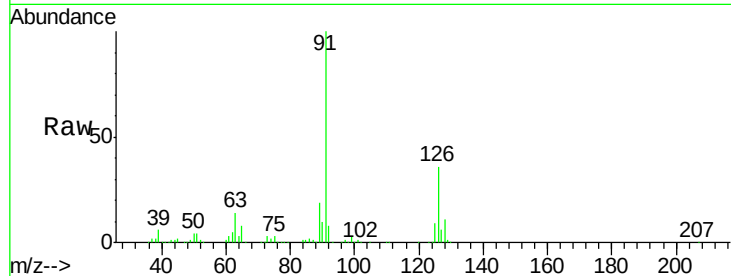
ClientSampleId :

Tot Ion: 91 Resp: 725158

Ion Ratio Lower Upper

91 100

126 36.9 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) (-)

800000

600000

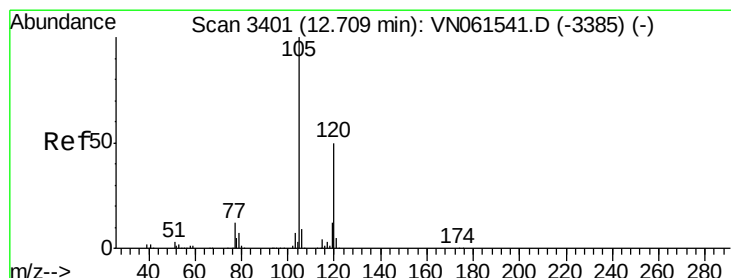
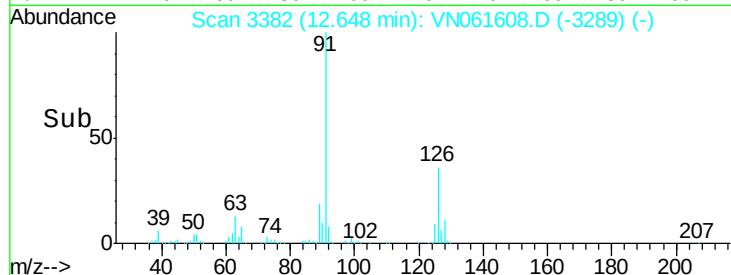
400000

200000

0

12.60 12.65 12.70

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 51.283 ug/l

RT: 12.71 min Scan# 3400

Delta R.T. -0.00 min

Lab File: VN061608.D

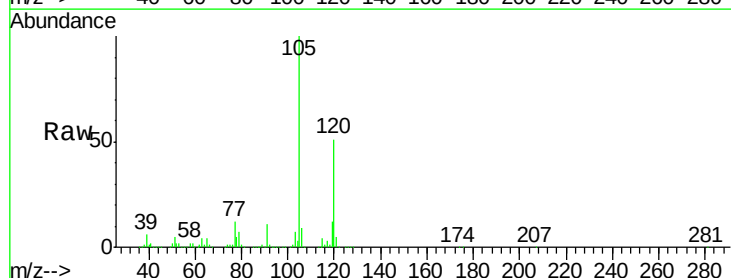
Acq: 2 Jun 2020 9:47

Tgt Ion: 105 Resp: 951409

Ion Ratio Lower Upper

105 100

120 50.9 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) (-)

600000

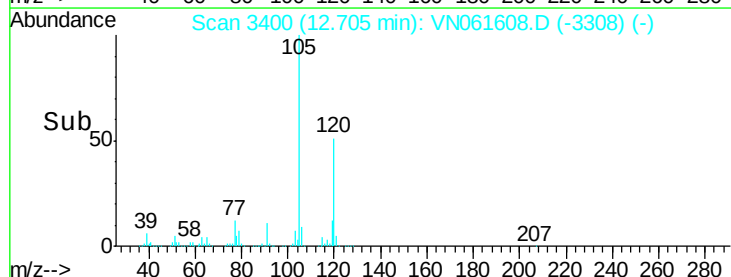
400000

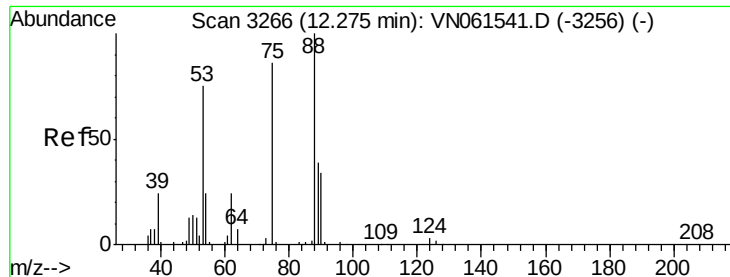
200000

0

12.60 12.70 12.80

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 46.265 ug/l

RT: 12.27 min Scan# 3266

Delta R.T. 0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

ClientSampleId :

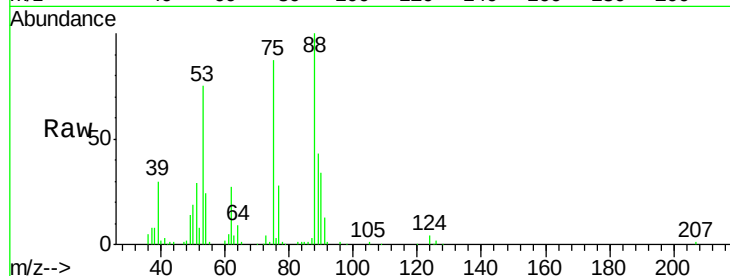
Tot Ion: 75 Resp: 100046

Ion Ratio Lower Upper

75 100

53 85.9 67.8 101.8

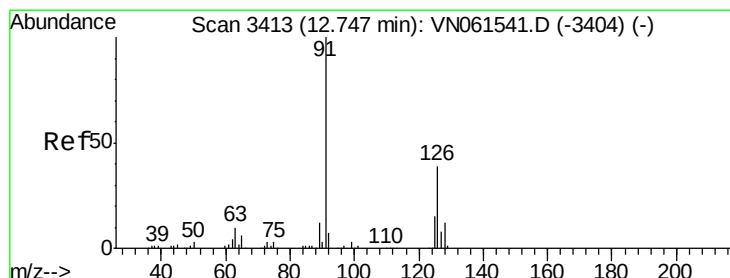
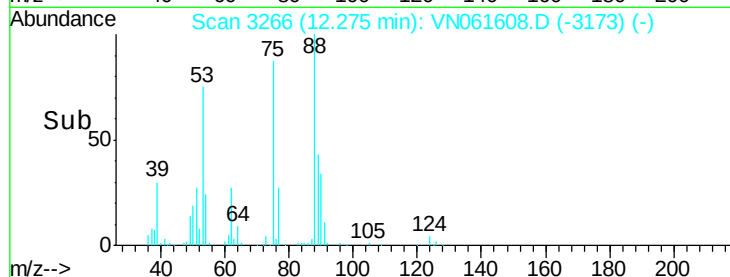
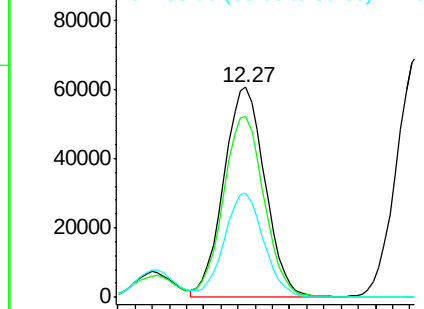
89 48.0 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 53.00 (52.70 to 53.70): VN0

Ion 88.90 (88.60 to 89.60): VN0



#82

4-Chlorotoluene

Concen: 49.455 ug/l

RT: 12.74 min Scan# 3412

Delta R.T. -0.00 min

Lab File: VN061608.D

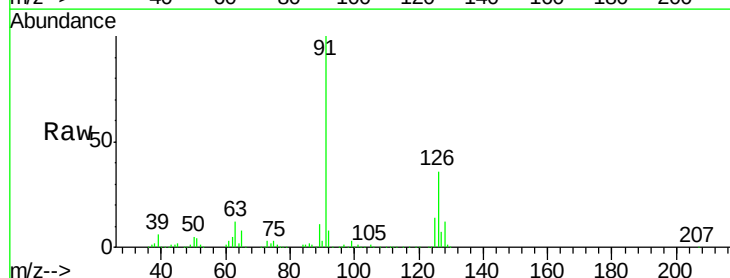
Acq: 2 Jun 2020 9:47

Tgt Ion: 91 Resp: 768728

Ion Ratio Lower Upper

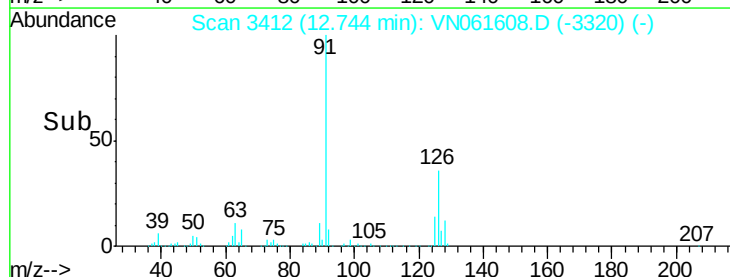
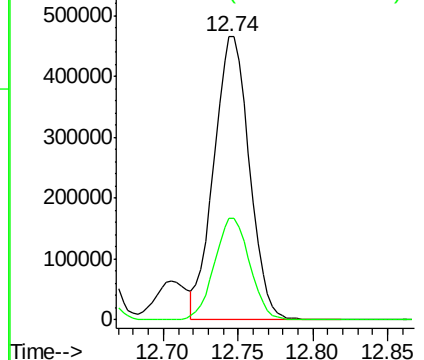
91 100

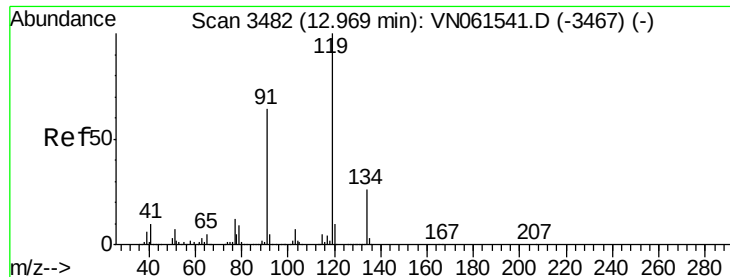
126 35.6 17.5 52.6



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 125.90 (125.60 to 126.60): V

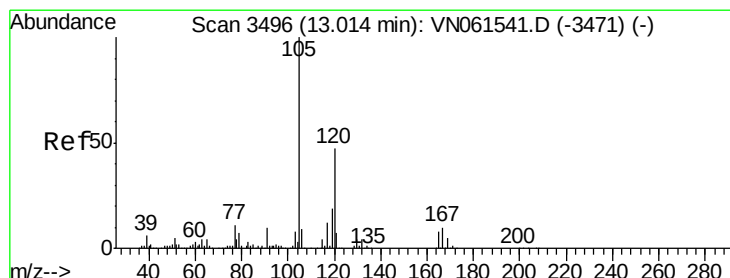
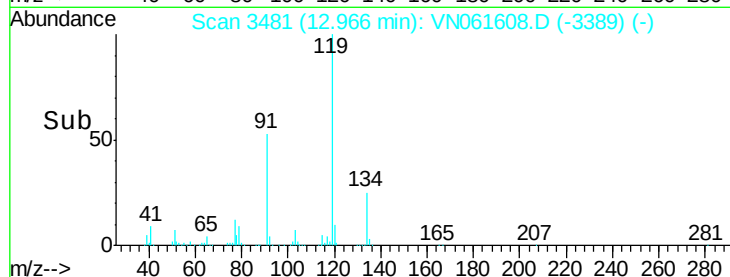
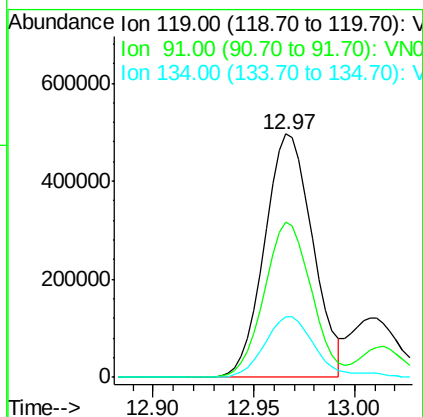
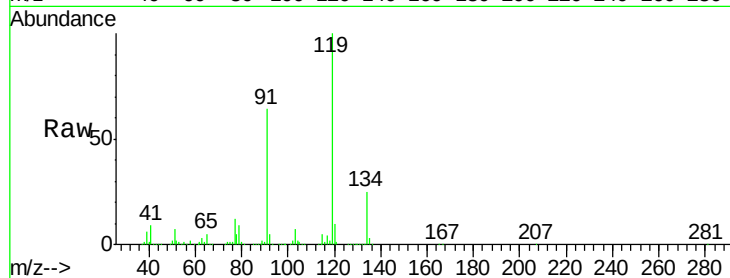




#83
 tert-Butylbenzene
 Concen: 50.140 ug/l
 RT: 12.97 min Scan# 3481
 Delta R.T. -0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

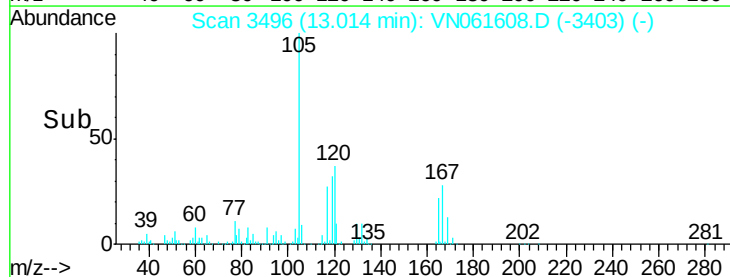
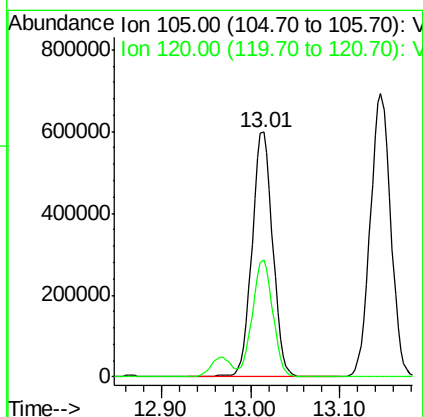
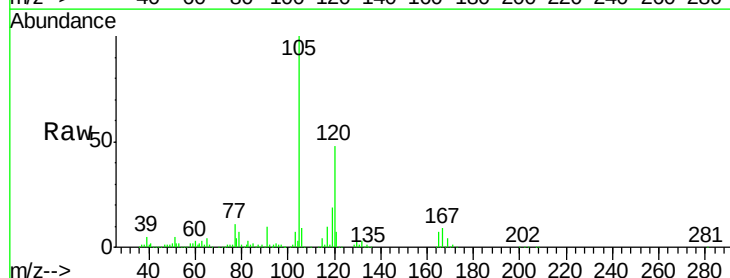
Instrument :
 MSVOA_N
 ClientSampleId :

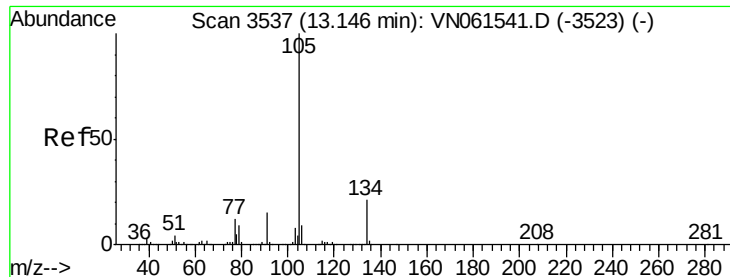
Tot Ion:119 Resp: 821868
 Ion Ratio Lower Upper
 119 100
 91 62.4 31.3 93.8
 134 26.5 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 52.155 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. 0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

Tgt Ion:105 Resp: 961224
 Ion Ratio Lower Upper
 105 100
 120 47.2 23.2 69.5





#85

sec-Butylbenzene

Concen: 52.026 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. 0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

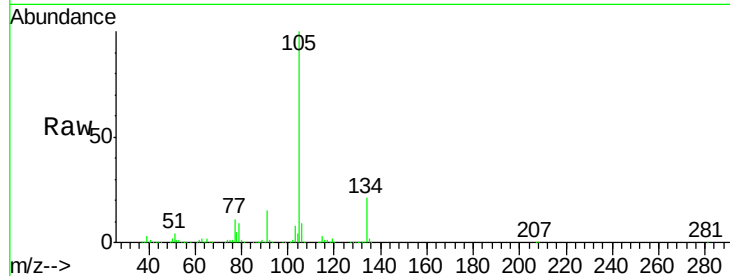
ClientSampleId :

Tot Ion:105 Resp: 1098894

Ion Ratio Lower Upper

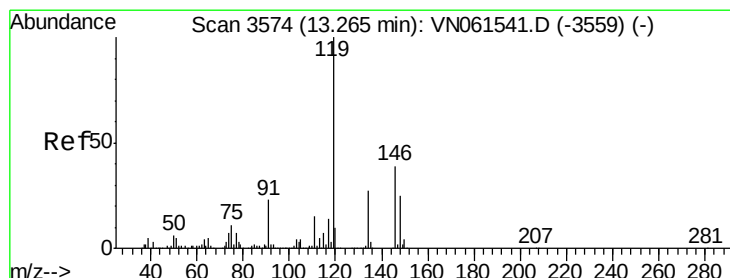
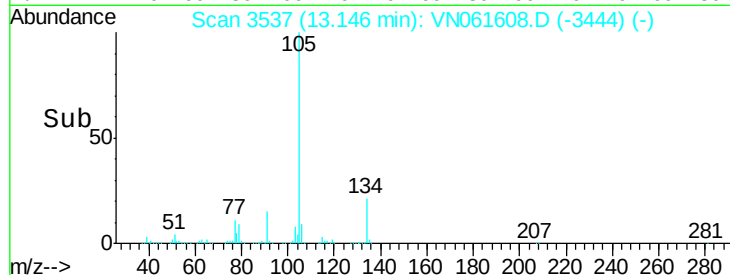
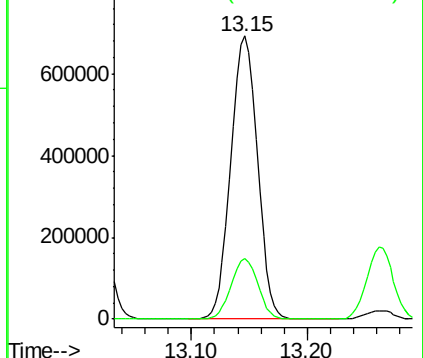
105 100

134 21.4 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.338 ug/l

RT: 13.26 min Scan# 3573

Delta R.T. -0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

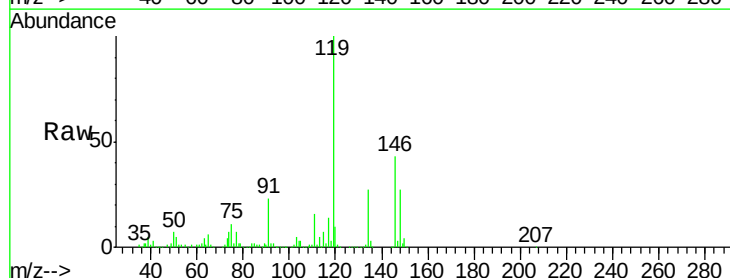
Tgt Ion:119 Resp: 1037497

Ion Ratio Lower Upper

119 100

134 27.0 13.5 40.5

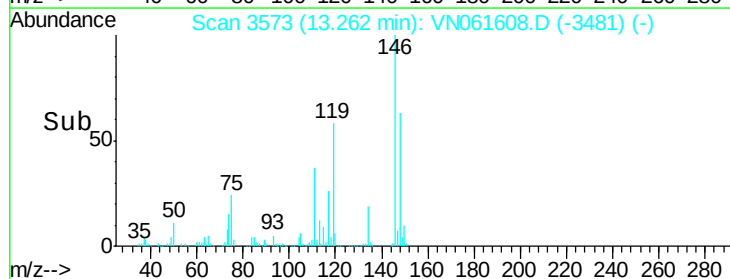
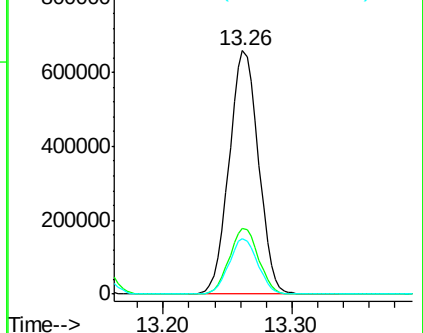
91 22.5 11.4 34.1

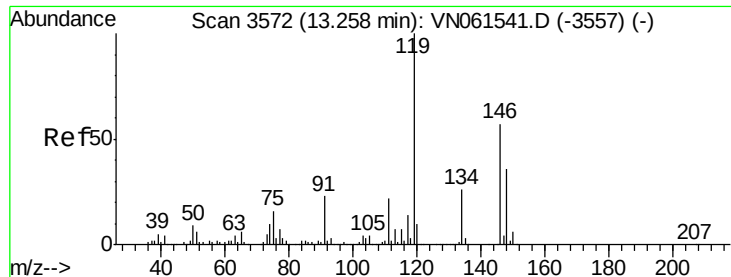


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

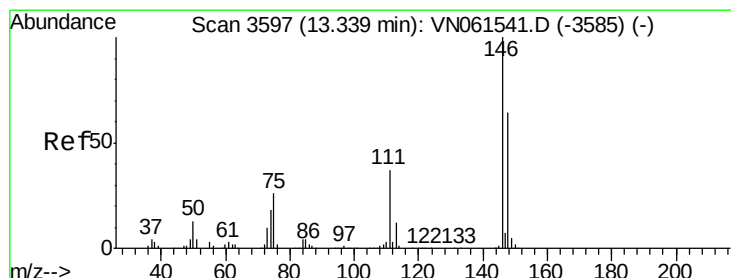
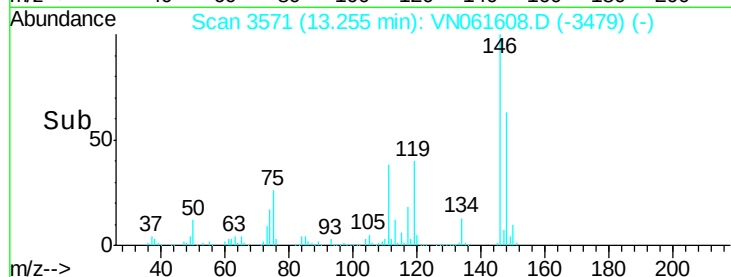
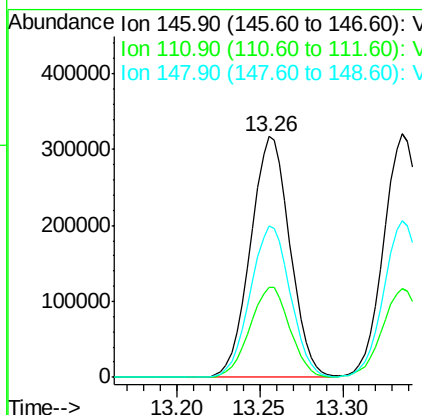
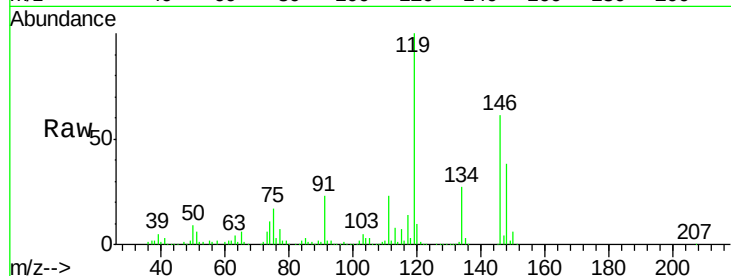




#87
 1,3-Dichlorobenzene
 Concen: 52.407 ug/l
 RT: 13.26 min Scan# 3571
 Delta R.T. -0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

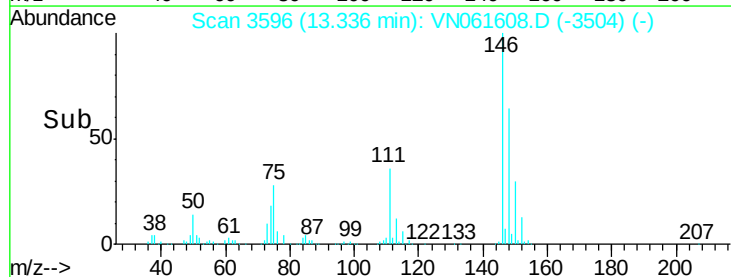
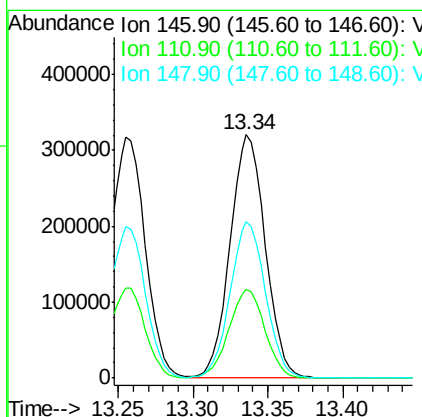
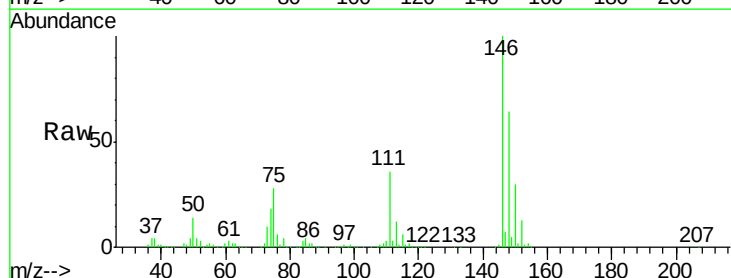
Instrument :
 MSVOA_N
 ClientSampled :

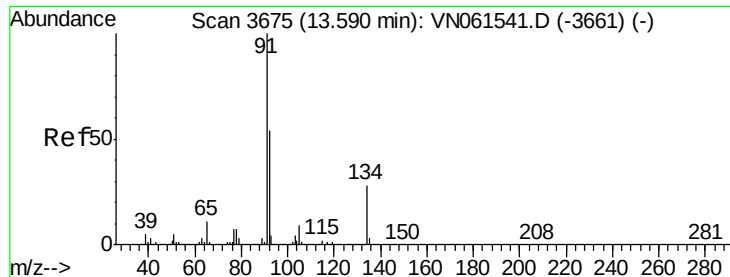
Tot Ion:146 Resp: 525797
 Ion Ratio Lower Upper
 146 100
 111 37.7 19.2 57.6
 148 63.7 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 51.389 ug/l
 RT: 13.34 min Scan# 3596
 Delta R.T. -0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

Tgt Ion:146 Resp: 525234
 Ion Ratio Lower Upper
 146 100
 111 37.0 18.9 56.9
 148 64.6 31.8 95.3





#89

n-Butylbenzene

Concen: 53.619 ug/l

RT: 13.59 min Scan# 3675

Delta R.T. 0.00 min

Lab File: VN061608.D

Acq: 2 Jun 2020 9:47

Instrument :

MSVOA_N

ClientSampleId :

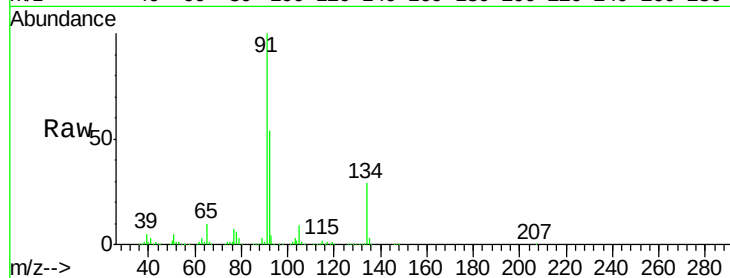
Tot Ion: 91 Resp: 873589

Ion Ratio Lower Upper

91 100

92 54.7 27.2 81.6

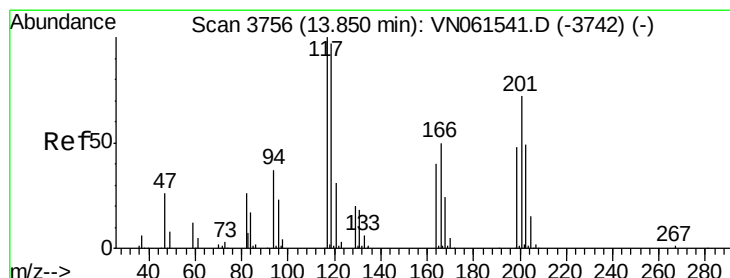
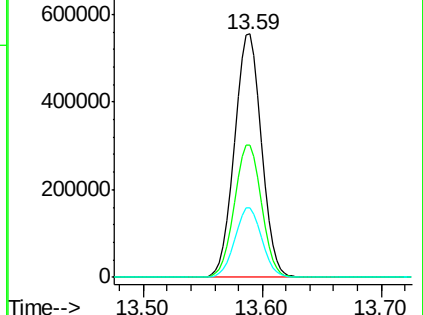
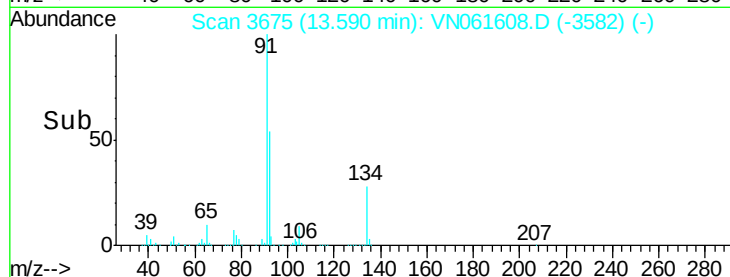
134 28.5 14.0 42.0



Abundance Ion 91.00 (90.70 to 91.70): VN061608.D (-3582) (-)

Ion 92.00 (91.70 to 92.70): VN061608.D (-3582) (-)

Ion 134.00 (133.70 to 134.70): VN061608.D (-3582) (-)



#90

Hexachloroethane

Concen: 61.233 ug/l

RT: 13.85 min Scan# 3755

Delta R.T. -0.00 min

Lab File: VN061608.D

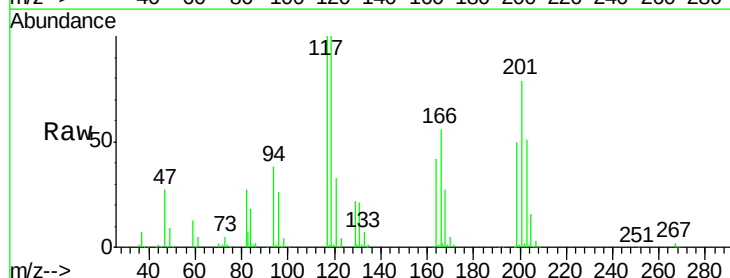
Acq: 2 Jun 2020 9:47

Tgt Ion: 117 Resp: 131723

Ion Ratio Lower Upper

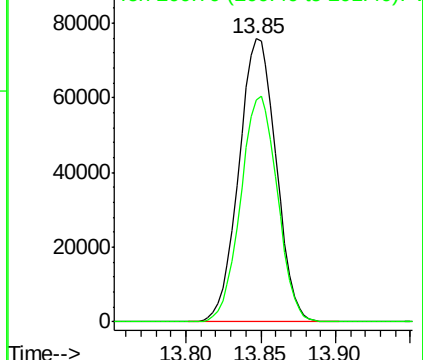
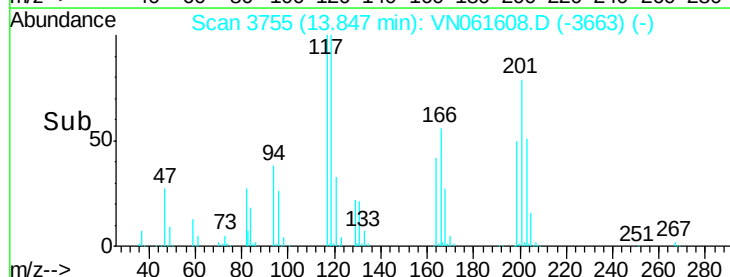
117 100

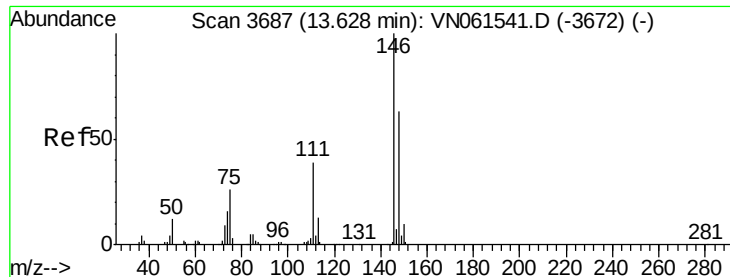
201 78.4 36.7 110.1



Abundance Ion 116.80 (116.50 to 117.50): VN061608.D (-3663) (-)

Ion 200.70 (200.40 to 201.40): VN061608.D (-3663) (-)

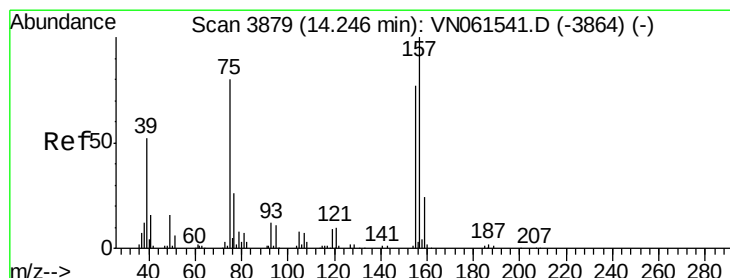
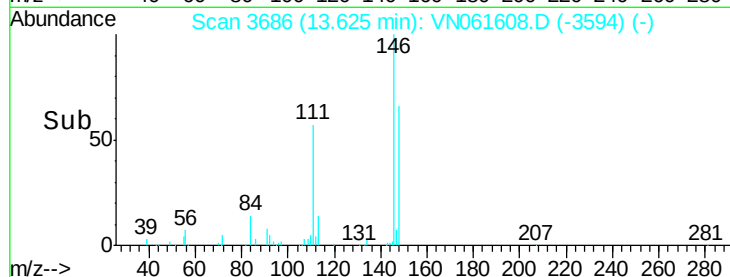
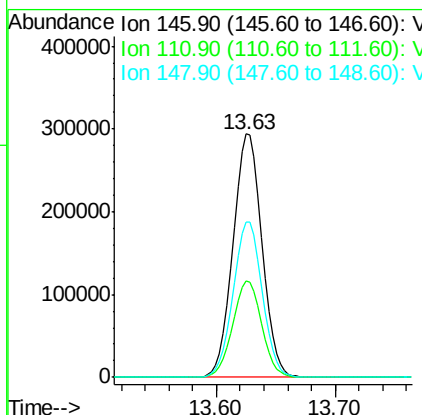
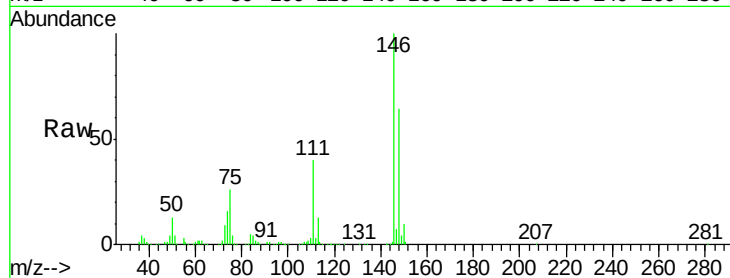




#91
 1,2-Dichlorobenzene
 Concen: 51.815 ug/l
 RT: 13.63 min Scan# 3686
 Delta R.T. -0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

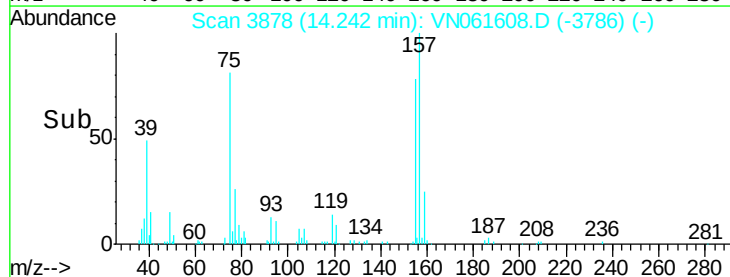
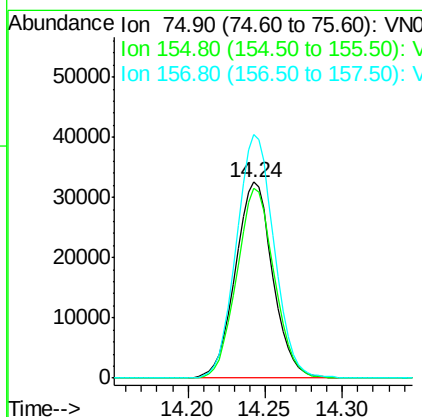
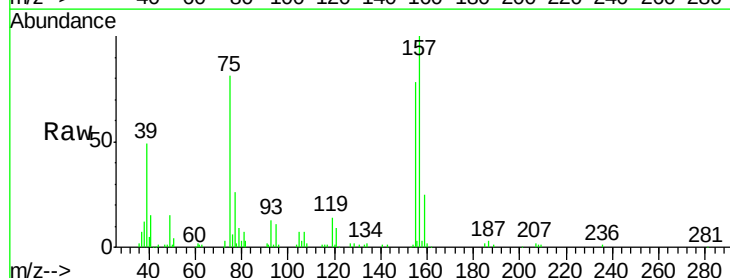
Instrument :
 MSVOA_N
 ClientSampleId :

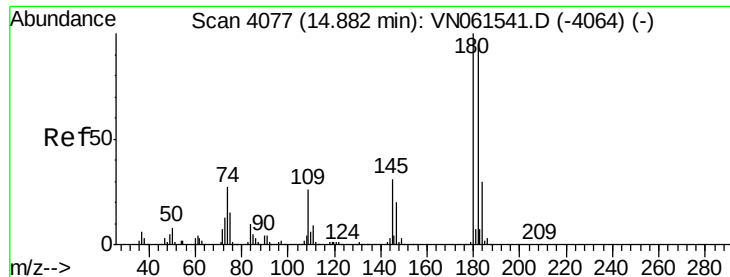
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.4	20.1	60.2
148	64.2	31.9	95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.030 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	97.2	47.1	141.4
157	125.8	60.3	180.8

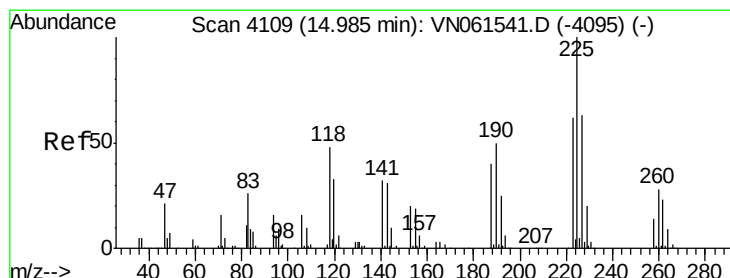
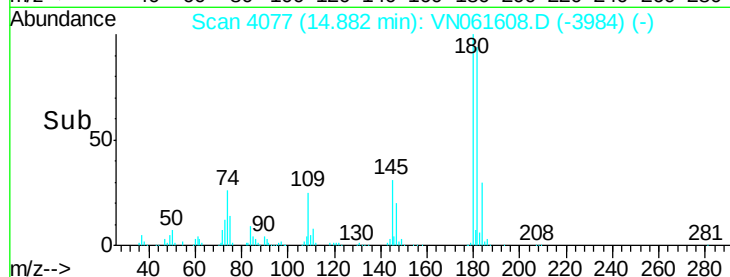
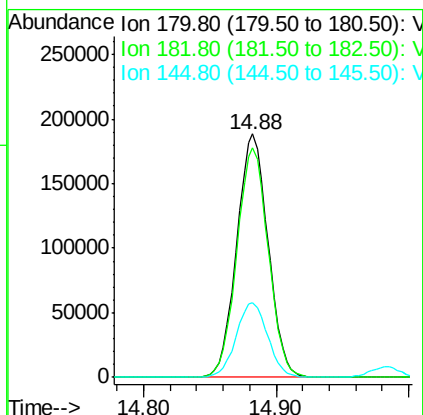
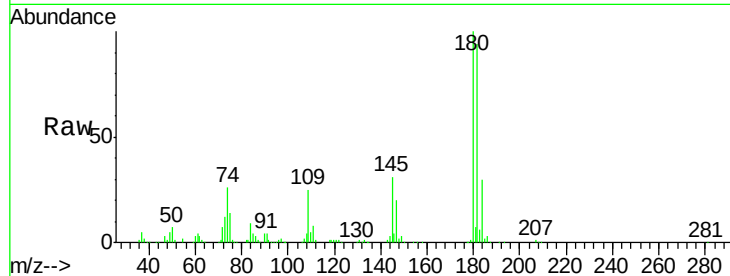




#93
 1,2,4-Trichlorobenzene
 Concen: 55.040 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. 0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

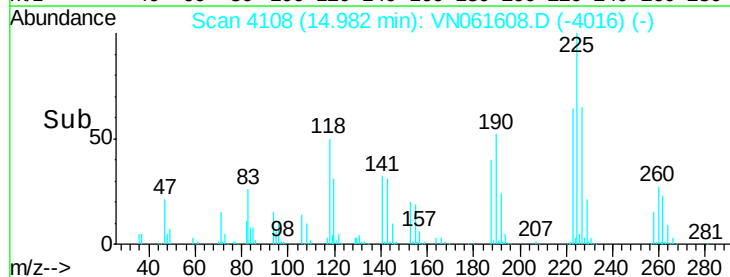
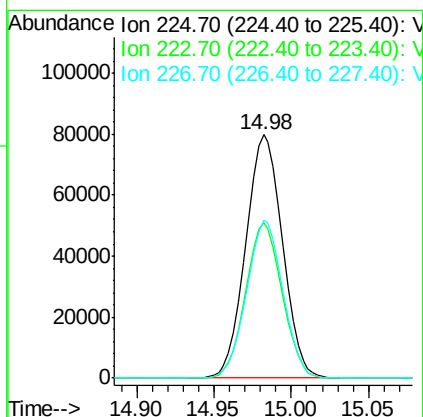
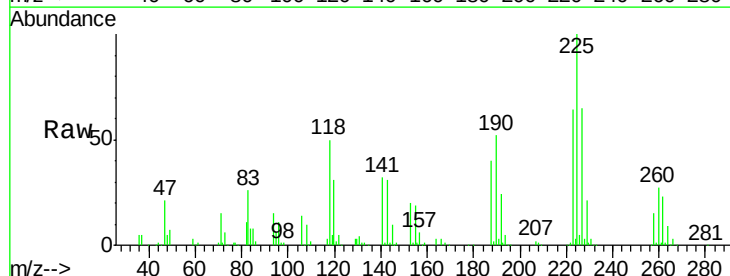
Instrument :
 MSVOA_N
 ClientSampleId :

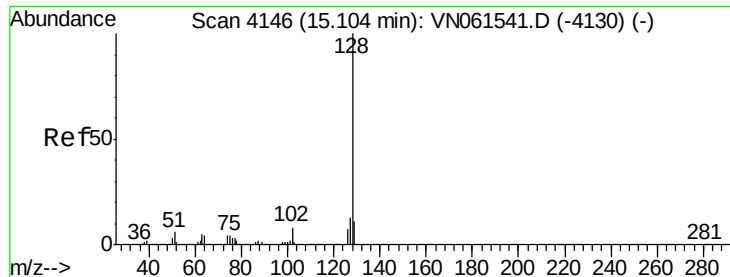
Tot Ion:180 Resp: 308634
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.8 143.3
 145 30.9 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 55.250 ug/l
 RT: 14.98 min Scan# 4108
 Delta R.T. -0.00 min
 Lab File: VN061608.D
 Acq: 2 Jun 2020 9:47

Tgt Ion:225 Resp: 132131
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.9 95.5
 227 64.1 31.9 95.9

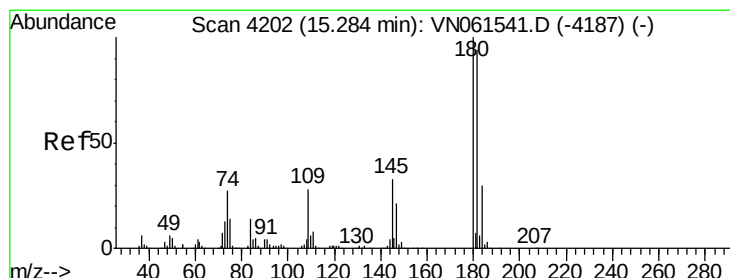
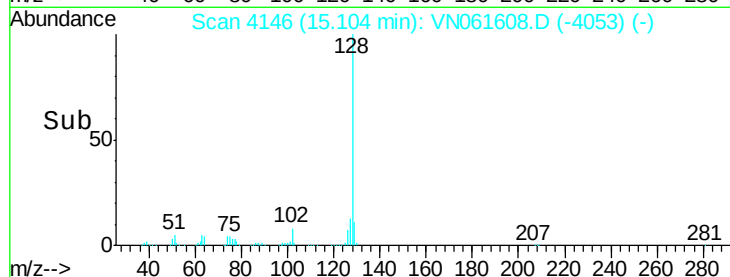
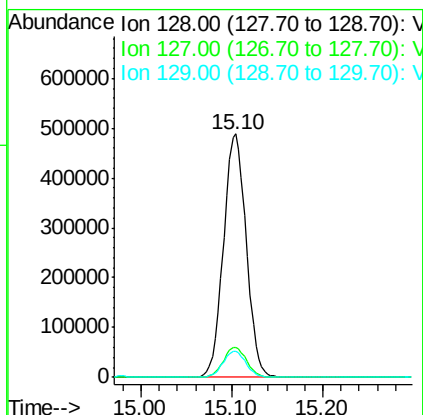
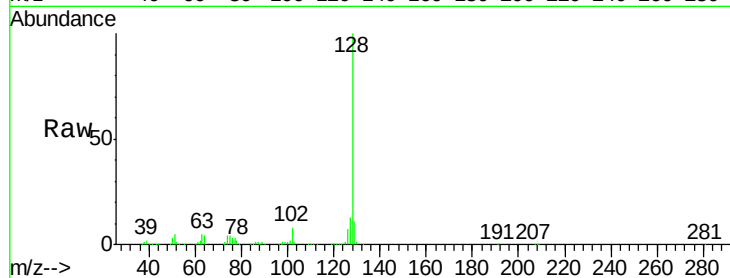




#95
Naphthalene
Concen: 49.718 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. 0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:128 Resp: 848574
Ion Ratio Lower Upper
128 100
127 12.6 10.0 15.0
129 10.8 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 53.231 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. 0.00 min
Lab File: VN061608.D
Acq: 2 Jun 2020 9:47

Tgt Ion:180 Resp: 293476
Ion Ratio Lower Upper
180 100
182 94.5 47.1 141.3
145 33.2 16.3 48.9

