

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN060220\
 Data File : VN061625.D
 Acq On : 2 Jun 2020 17:59
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 03 00:52:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N052820W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 29 02:14:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	376264	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	618613	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	587190	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	304956	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.99	65	202217	45.11	ug/l	0.00
Spiked Amount			Recovery	=	90.22%	
35) Dibromofluoromethane	7.55	113	154172	49.13	ug/l	0.00
Spiked Amount			Recovery	=	98.26%	
50) Toluene-d8	10.06	98	695042	47.79	ug/l	0.00
Spiked Amount			Recovery	=	95.58%	
62) 4-Bromofluorobenzene	12.37	95	256515	48.35	ug/l	0.00
Spiked Amount			Recovery	=	96.70%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.83	85	189147	43.687	ug/l	94
3) Chloromethane	2.03	50	200089	43.600	ug/l	100
4) Vinyl Chloride	2.16	62	280671	44.630	ug/l	100
5) Bromomethane	2.53	94	170636	47.285	ug/l	98
6) Chloroethane	2.67	64	175225	43.287	ug/l	100
7) Trichlorofluoromethane	2.98	101	326829	40.301	ug/l	98
8) Diethyl Ether	3.37	74	104363	42.085	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.72	101	160958	44.726	ug/l	99
10) Methyl Iodide	3.91	142	230600	46.160	ug/l	99
11) Tert butyl alcohol	4.73	59	145602	244.182	ug/l	100
12) 1,1-Dichloroethene	3.69	96	165139	42.952	ug/l	95
13) Acrolein	3.57	56	43996	255.360	ug/l	98
14) Allyl chloride	4.27	41	210133	41.805	ug/l	98
15) Acrylonitrile	4.93	53	362523	217.817	ug/l	100
16) Acetone	3.78	43	275361	222.185	ug/l	99
17) Carbon Disulfide	4.01	76	341827	40.411	ug/l	98
18) Methyl Acetate	4.28	43	169748	41.828	ug/l	98
19) Methyl tert-butyl Ether	4.99	73	576673	44.009	ug/l	97
20) Methylene Chloride	4.50	84	190767	46.703	ug/l	94
21) trans-1,2-Dichloroethene	4.99	96	188922	43.572	ug/l	95
22) Diisopropyl ether	5.90	45	484713	43.753	ug/l	97
23) Vinyl Acetate	5.84	43	1816175	205.687	ug/l	97
24) 1,1-Dichloroethane	5.80	63	306712	43.660	ug/l	99
25) 2-Butanone	6.78	43	443584	208.785	ug/l	97
26) 2,2-Dichloropropane	6.78	77	283643	44.114	ug/l	100
27) cis-1,2-Dichloroethene	6.78	96	228677	46.576	ug/l	97
28) Bromochloromethane	7.15	49	126217	47.798	ug/l	95
29) Tetrahydrofuran	7.17	42	294104	209.925	ug/l	96
30) Chloroform	7.33	83	351957	45.286	ug/l	97
31) Cyclohexane	7.61	56	261887	41.451	ug/l	96
32) 1,1,1-Trichloroethane	7.53	97	322556	45.547	ug/l	99
36) 1,1-Dichloropropene	7.75	75	252344	46.079	ug/l	99
37) Ethyl Acetate	6.88	43	195812	44.394	ug/l	97
38) Carbon Tetrachloride	7.73	117	264746	50.119	ug/l	99

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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	9.05	83	287279	42.560	ug/l	97
40) Benzene	8.00	78	781178	46.232	ug/l	100
41) Methacrylonitrile	7.17	41	271480	134.338	ug/l #	8
42) 1,2-Dichloroethane	8.08	62	256632	45.366	ug/l	100
43) Isopropyl Acetate	8.13	43	345769	43.572	ug/l	92
44) Trichloroethene	8.80	130	248564	47.867	ug/l	95
45) 1,2-Dichloropropane	9.08	63	185657	46.272	ug/l	100
46) Dibromomethane	9.17	93	140883	45.783	ug/l	98
47) Bromodichloromethane	9.37	83	285499	46.829	ug/l	99
48) Methyl methacrylate	9.17	41	149511	41.876	ug/l	97
49) 1,4-Dioxane	9.17	88	62103	1122.805	ug/l	95
51) 4-Methyl-2-Pentanone	9.95	43	995669	222.650	ug/l	99
52) Toluene	10.12	92	523920	47.506	ug/l	100
53) t-1,3-Dichloropropene	10.35	75	307631	46.840	ug/l	99
54) cis-1,3-Dichloropropene	9.81	75	328041	46.453	ug/l	98
55) 1,1,2-Trichloroethane	10.53	97	209109	47.592	ug/l	97
56) Ethyl methacrylate	10.40	69	290730	47.368	ug/l	98
57) 1,3-Dichloropropane	10.68	76	330529	47.035	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.66	63	591569	225.538	ug/l	97
59) 2-Hexanone	10.72	43	715037	222.642	ug/l	99
60) Dibromochloromethane	10.87	129	244987	49.045	ug/l	99
61) 1,2-Dibromoethane	10.98	107	223065	48.678	ug/l	99
64) Tetrachloroethene	10.60	164	275430	49.831	ug/l	99
65) Chlorobenzene	11.41	112	582100	47.692	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.48	131	221371	48.710	ug/l	100
67) Ethyl Benzene	11.48	91	1007463	47.756	ug/l	100
68) m/p-Xylenes	11.59	106	797699	95.366	ug/l	99
69) o-Xylene	11.92	106	384054	48.341	ug/l	99
70) Styrene	11.94	104	652055	49.560	ug/l	99
71) Bromoform	12.10	173	172562	49.275	ug/l #	100
73) Isopropylbenzene	12.22	105	1008576	45.313	ug/l	99
74) N-amyl acetate	12.04	43	306177	43.680	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.48	83	264591	42.420	ug/l	100
76) 1,2,3-Trichloropropane	12.53	75	352090	63.494	ug/l #	100
77) Bromobenzene	12.50	156	266965	46.989	ug/l	97
78) n-propylbenzene	12.56	91	1111230	44.721	ug/l	99
79) 2-Chlorotoluene	12.65	91	655491	44.241	ug/l	98
80) 1,3,5-Trimethylbenzene	12.71	105	844697	45.405	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.27	75	93018	42.896	ug/l	98
82) 4-Chlorotoluene	12.75	91	693467	44.490	ug/l	99
83) tert-Butylbenzene	12.97	119	722285	43.943	ug/l	100
84) 1,2,4-Trimethylbenzene	13.01	105	845596	45.754	ug/l	98
85) sec-Butylbenzene	13.15	105	911600	43.040	ug/l	100
86) p-Isopropyltoluene	13.26	119	859167	44.048	ug/l	100
87) 1,3-Dichlorobenzene	13.26	146	474259	47.139	ug/l	99
88) 1,4-Dichlorobenzene	13.34	146	478006	46.639	ug/l	99
89) n-Butylbenzene	13.59	91	699083	42.790	ug/l	99
90) Hexachloroethane	13.85	117	100120	46.414	ug/l	94
91) 1,2-Dichlorobenzene	13.63	146	457113	47.544	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.24	75	52733	41.455	ug/l	97

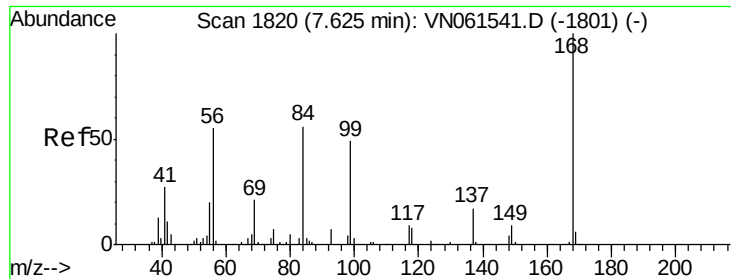
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.88	180	263716	46.899	ug/l	99
94) Hexachlorobutadiene	14.98	225	94112	39.244	ug/l	99
95) Naphthalene	15.10	128	808654	47.248	ug/l	99
96) 1,2,3-Trichlorobenzene	15.28	180	256061	46.316	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1820

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

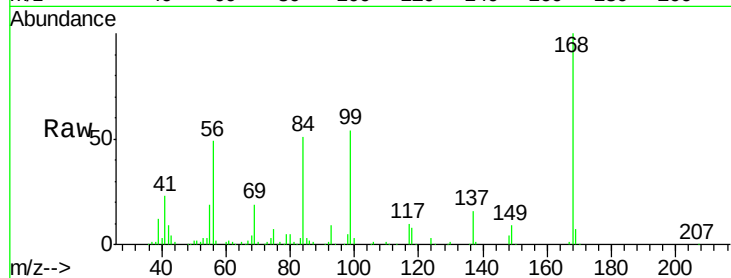
ClientSampleId :

Tot Ion:168 Resp: 376264

Ion Ratio Lower Upper

168 100

99 54.2 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

150000

100000

50000

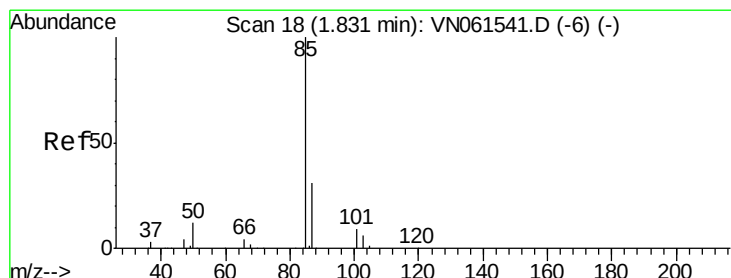
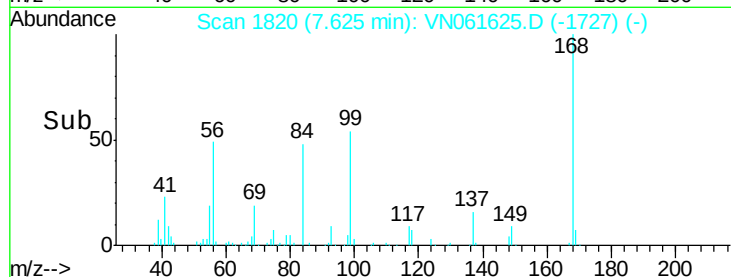
0

Time-->

7.50

7.60

7.70



#2

Dichlorodifluoromethane

Concen: 43.687 ug/l

RT: 1.83 min Scan# 18

Delta R.T. 0.00 min

Lab File: VN061625.D

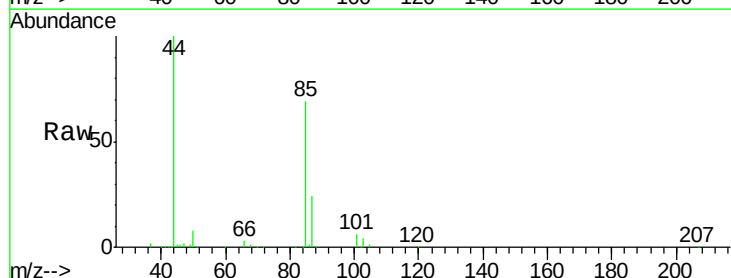
Acq: 2 Jun 2020 17:59

Tgt Ion: 85 Resp: 189147

Ion Ratio Lower Upper

85 100

87 34.3 15.6 46.8



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

1.83

150000

100000

50000

0

Time-->

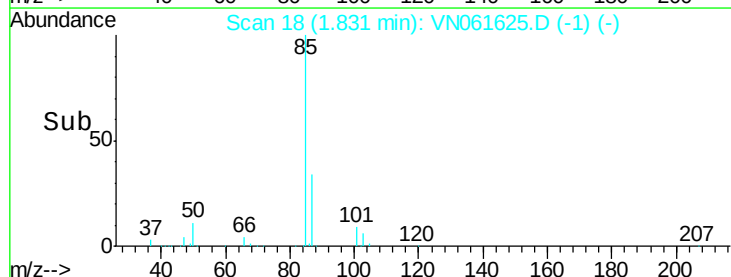
1.75

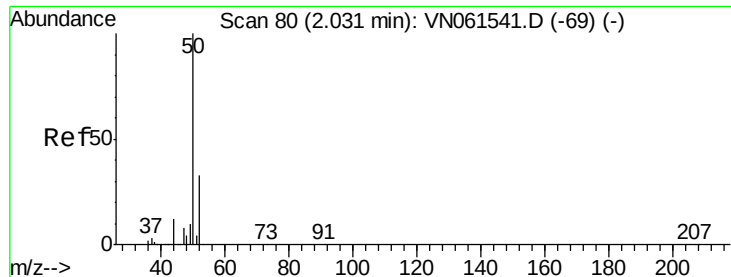
1.80

1.85

1.90

1.95





#3

Chloromethane

Concen: 43.600 ug/l

RT: 2.03 min Scan# 81

Delta R.T. 0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

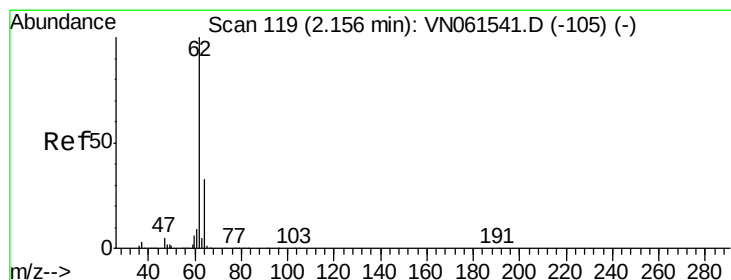
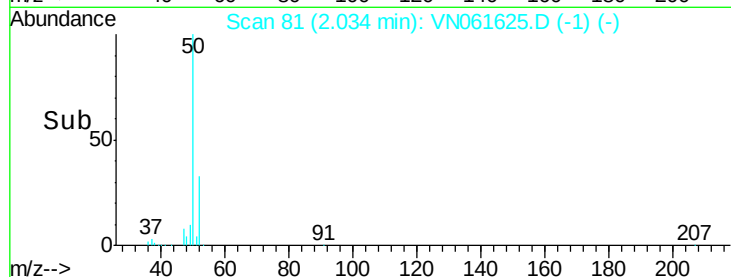
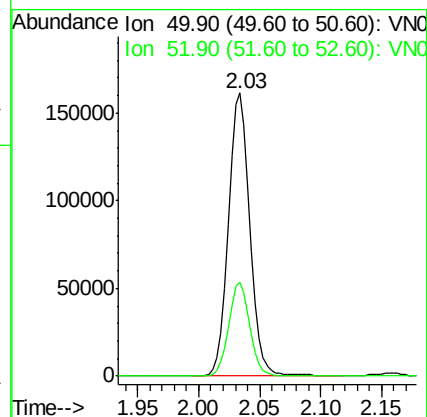
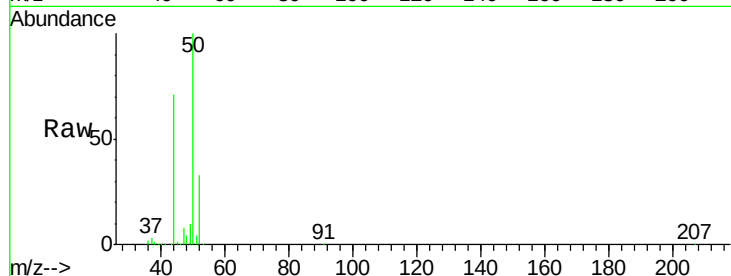
ClientSampleId :

Tot Ion: 50 Resp: 200089

Ion Ratio Lower Upper

50 100

52 33.4 26.7 40.1



#4

Vinyl Chloride

Concen: 44.630 ug/l

RT: 2.16 min Scan# 119

Delta R.T. -0.00 min

Lab File: VN061625.D

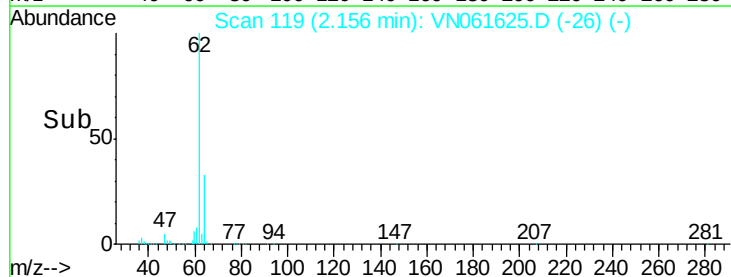
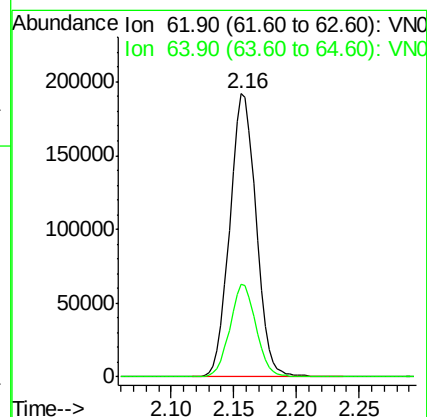
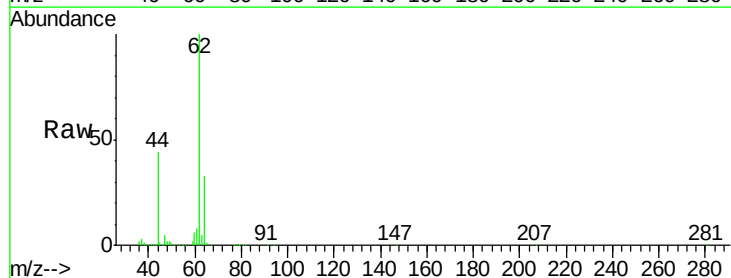
Acq: 2 Jun 2020 17:59

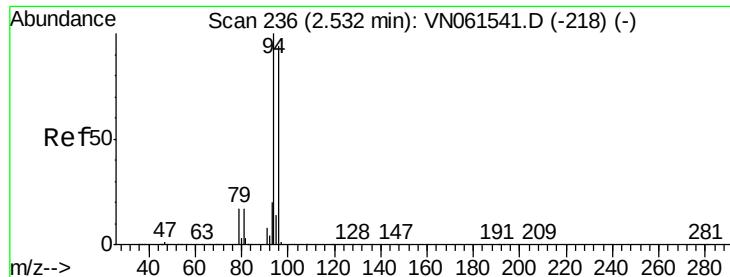
Tgt Ion: 62 Resp: 280671

Ion Ratio Lower Upper

62 100

64 32.7 26.2 39.2





#5

Bromomethane

Concen: 47.285 ug/l

RT: 2.53 min Scan# 234

Delta R.T. -0.01 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

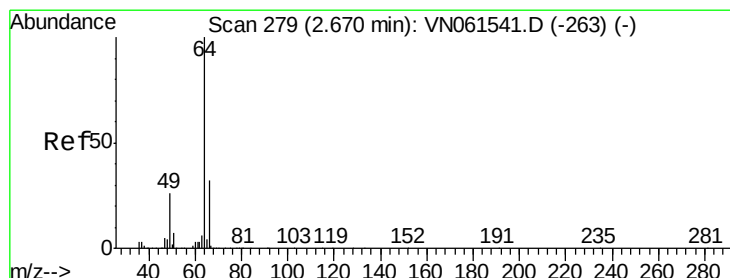
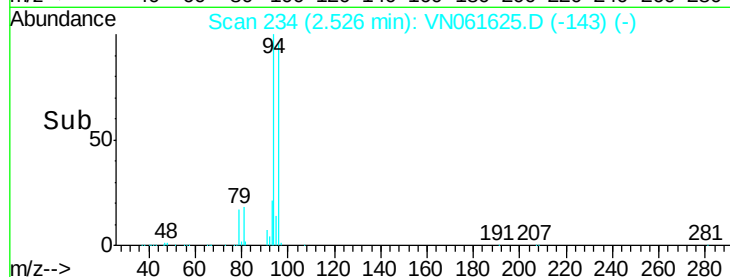
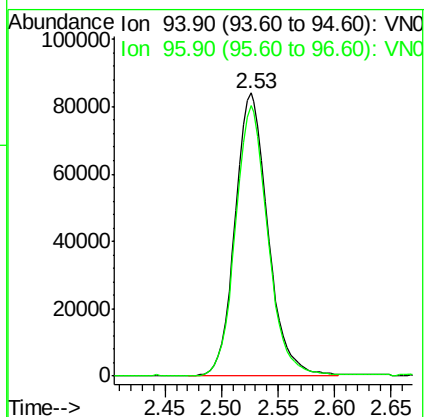
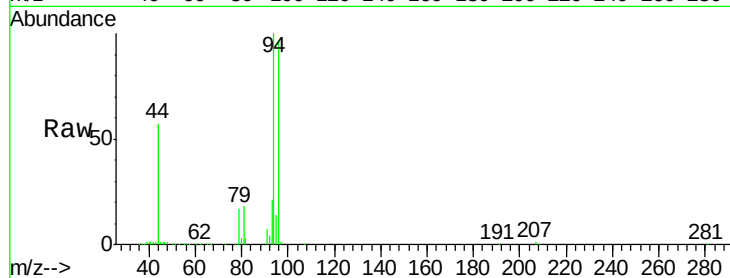
ClientSampleId :

Tot Ion: 94 Resp: 170636

Ion Ratio Lower Upper

94 100

96 95.5 74.8 112.2



#6

Chloroethane

Concen: 43.287 ug/l

RT: 2.67 min Scan# 278

Delta R.T. -0.00 min

Lab File: VN061625.D

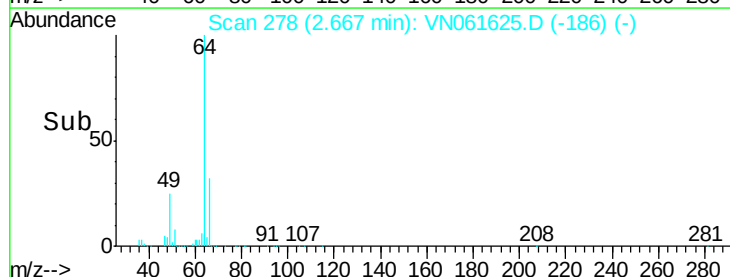
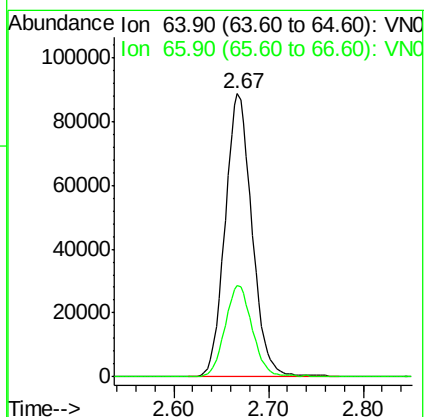
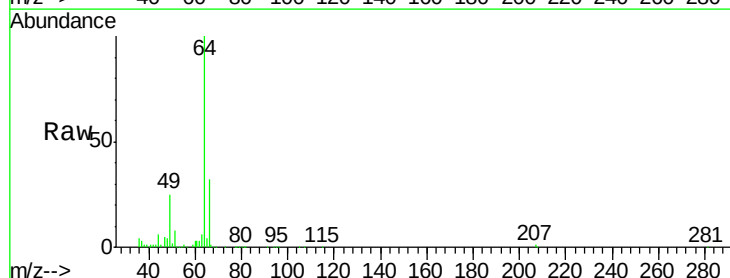
Acq: 2 Jun 2020 17:59

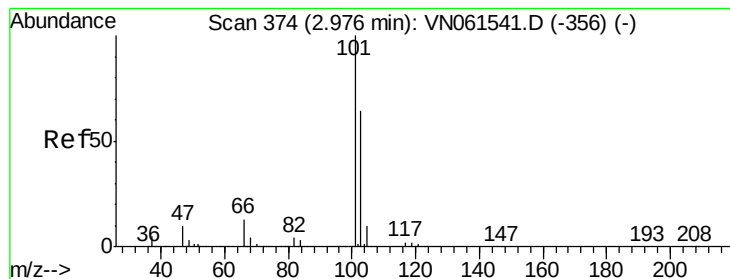
Tgt Ion: 64 Resp: 175225

Ion Ratio Lower Upper

64 100

66 32.1 25.6 38.4



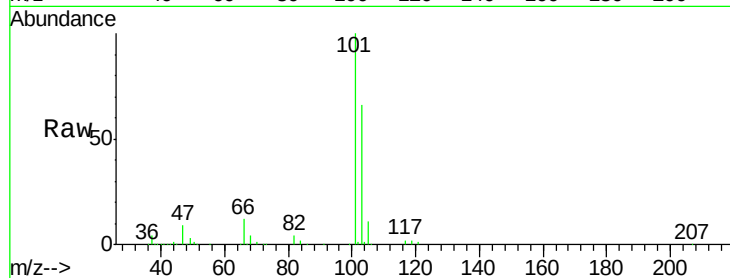


#7

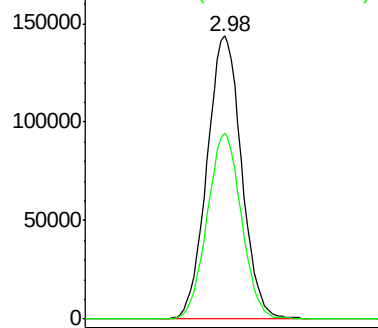
Trichlorofluoromethane
Concen: 40.301 ug/l
RT: 2.98 min Scan# 375
Delta R.T. 0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampled :

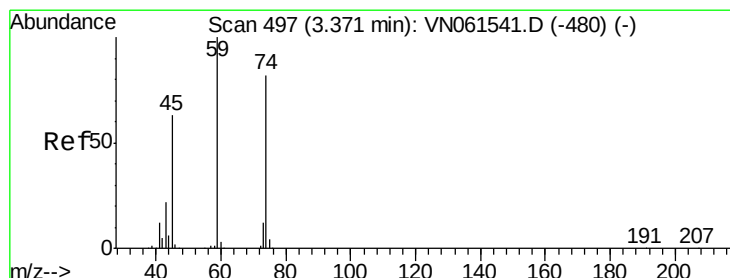
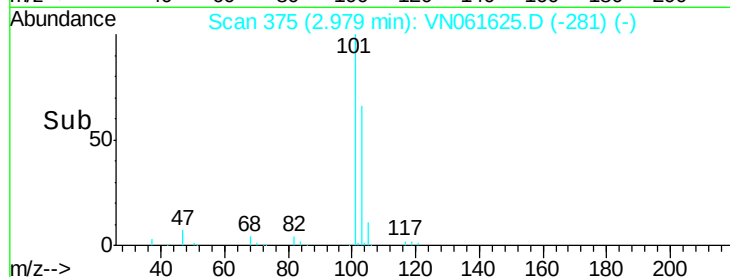
Tot Ion:101 Resp: 326829
Ion Ratio Lower Upper
101 100
103 65.8 51.4 77.2



Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



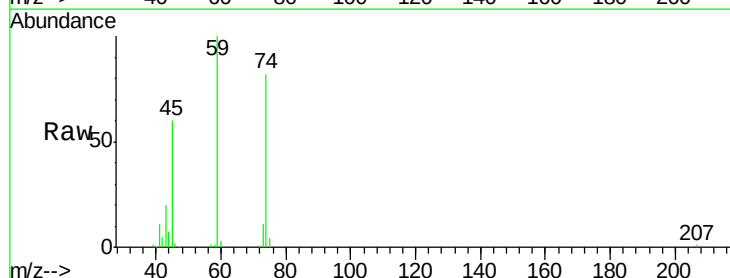
Time-->



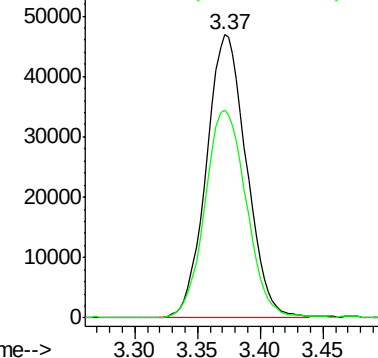
#8

Diethyl Ether
Concen: 42.085 ug/l
RT: 3.37 min Scan# 497
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

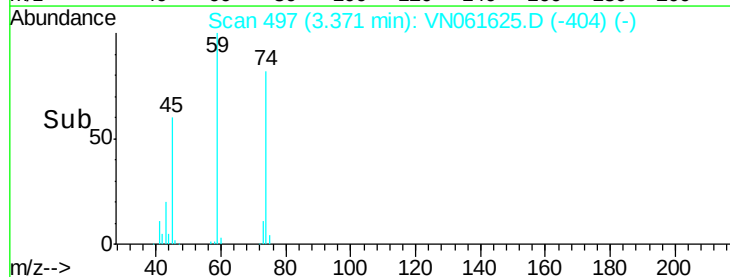
Tgt Ion: 74 Resp: 104363
Ion Ratio Lower Upper
74 100
45 75.9 39.9 119.7

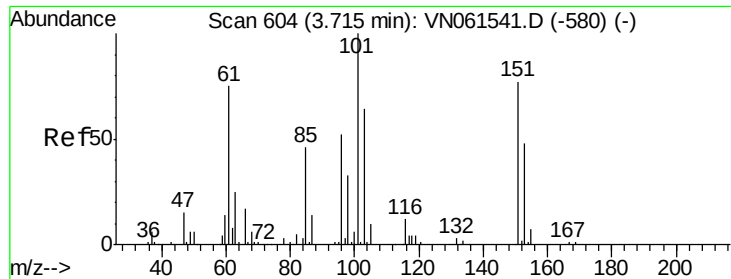


Abundance Ion 74.00 (73.70 to 74.70): V
Ion 45.00 (44.70 to 45.70): V



Time-->





#9

1,1,2-Trichlorotrifluoroethane

Concen: 44.726 ug/l

RT: 3.72 min Scan# 604

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

ClientSampleId :

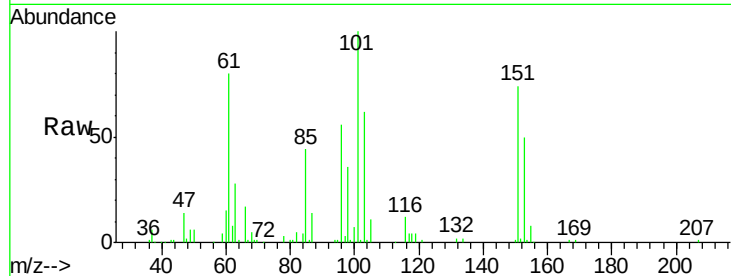
Tot Ion:101 Resp: 160958

Ion Ratio Lower Upper

101 100

85 42.6 35.2 52.8

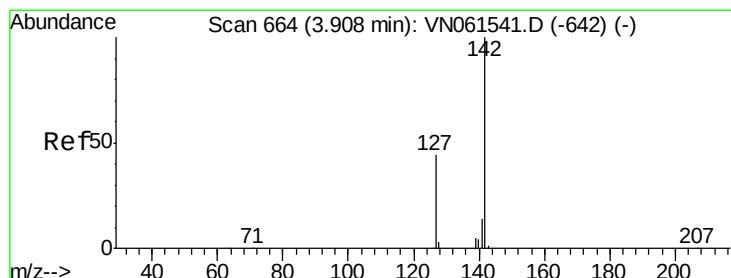
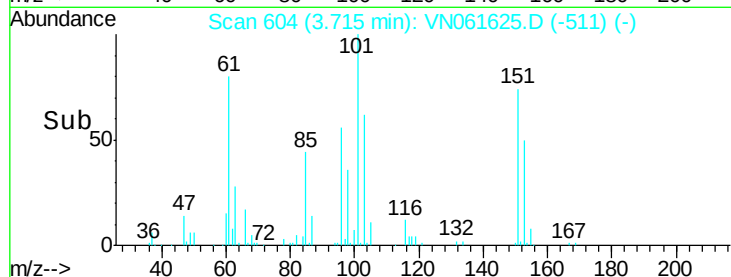
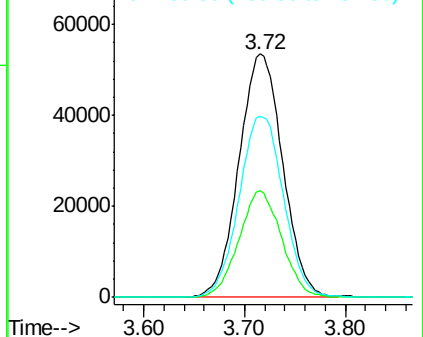
151 75.8 61.0 91.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.160 ug/l

RT: 3.91 min Scan# 665

Delta R.T. 0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

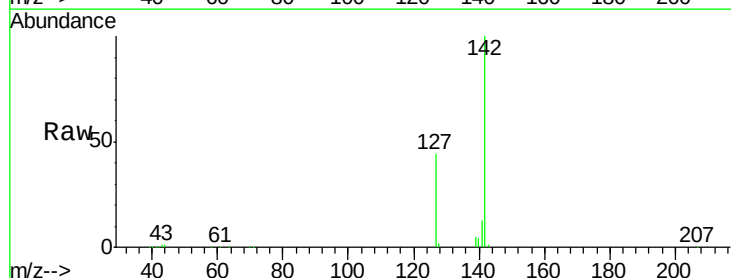
Tgt Ion:142 Resp: 230600

Ion Ratio Lower Upper

142 100

127 44.1 35.5 53.3

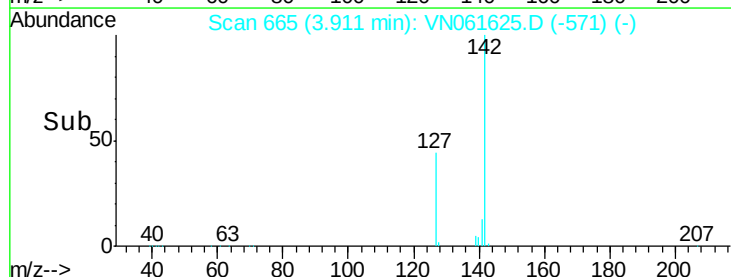
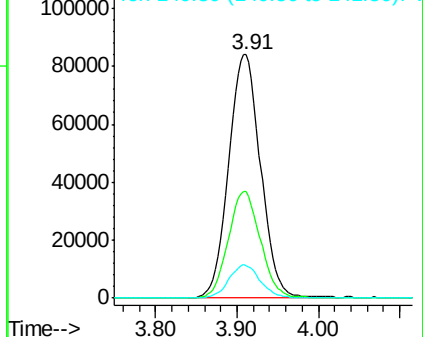
141 13.4 11.5 17.3

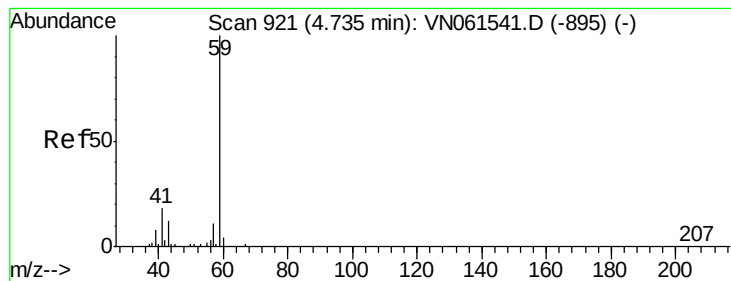


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



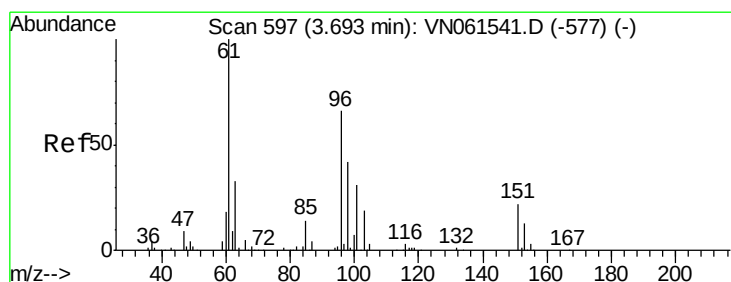
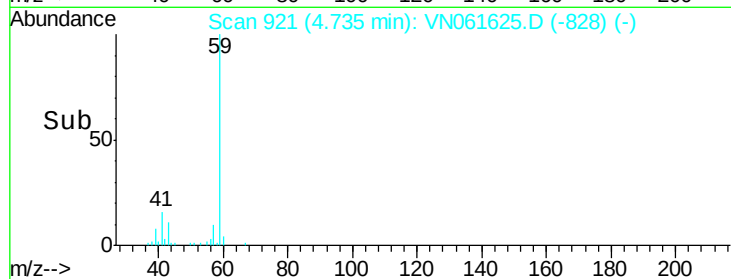
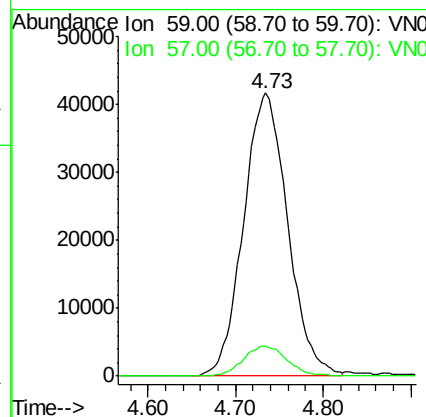
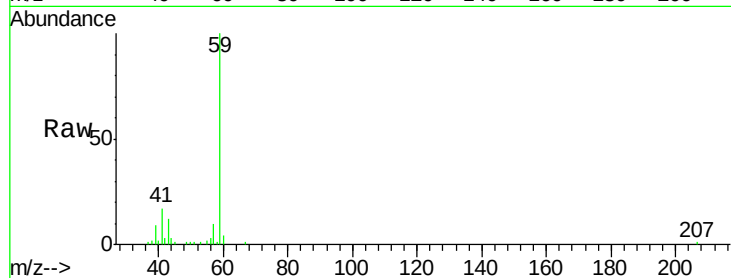


#11

Tert butyl alcohol
Concen: 244.182 ug/l
RT: 4.73 min Scan# 921
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampled :

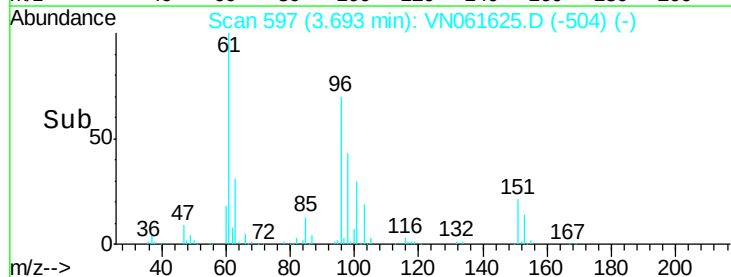
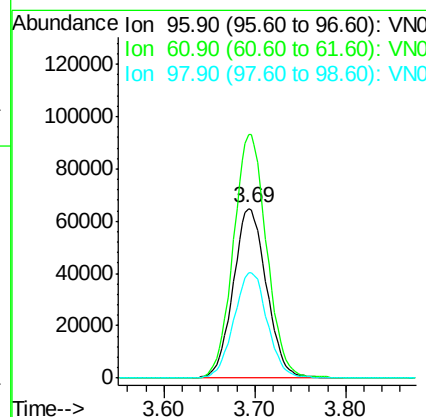
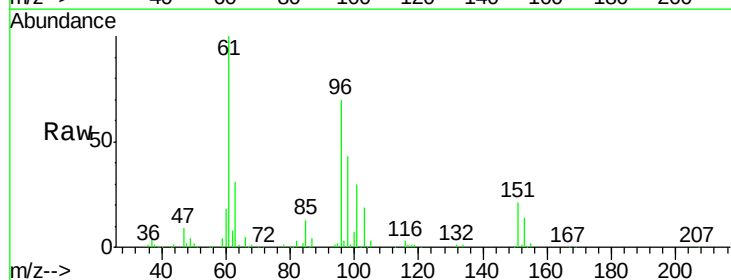
Tot Ion: 59 Resp: 145602
Ion Ratio Lower Upper
59 100
57 10.6 8.4 12.6

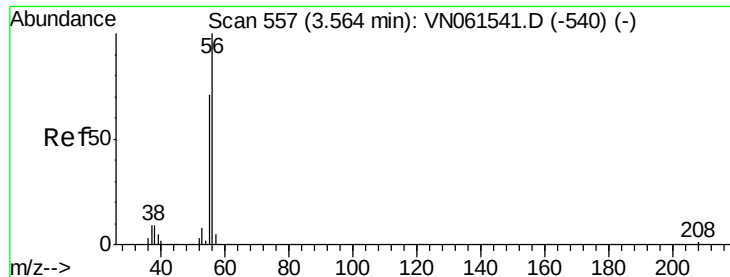


#12

1,1-Dichloroethene
Concen: 42.952 ug/l
RT: 3.69 min Scan# 597
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion: 96 Resp: 165139
Ion Ratio Lower Upper
96 100
61 143.2 120.5 180.7
98 62.1 50.8 76.2





#13

Acrolein

Concen: 255.360 ug/l

RT: 3.57 min Scan# 558

Delta R.T. 0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

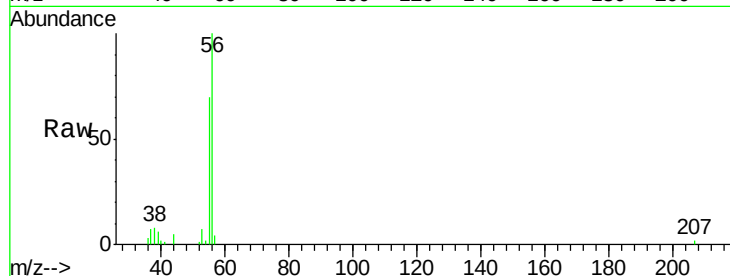
ClientSampled :

Tot Ion: 56 Resp: 43996

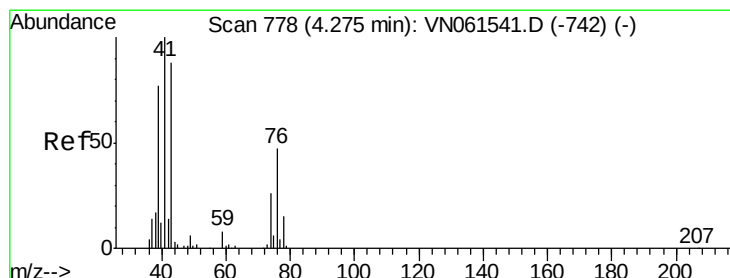
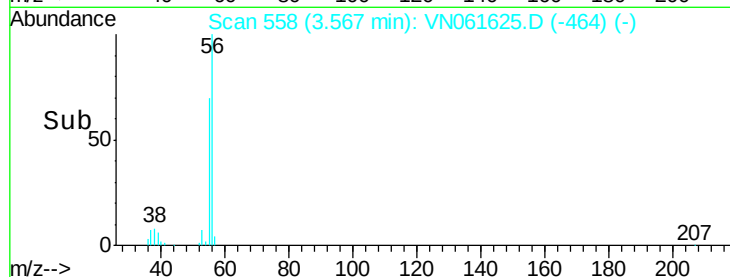
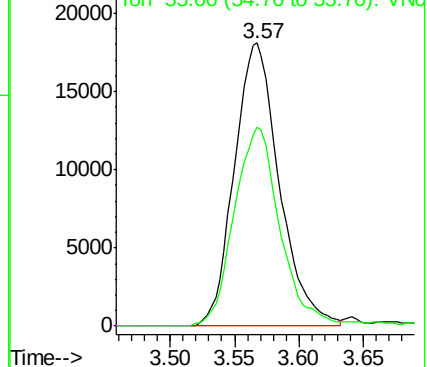
Ion Ratio Lower Upper

56 100

55 71.1 58.0 87.0



Abundance Ion 56.00 (55.70 to 56.70): VN061625.D (-464) (-)



#14

Allyl chloride

Concen: 41.805 ug/l

RT: 4.27 min Scan# 778

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

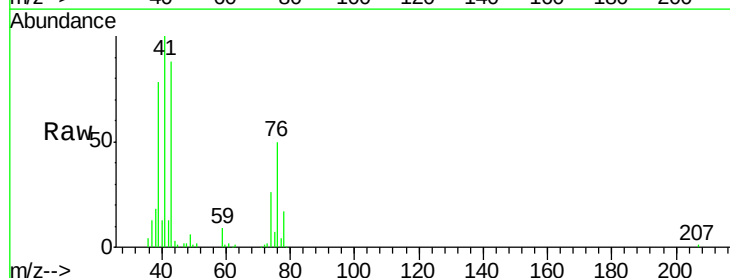
Tgt Ion: 41 Resp: 210133

Ion Ratio Lower Upper

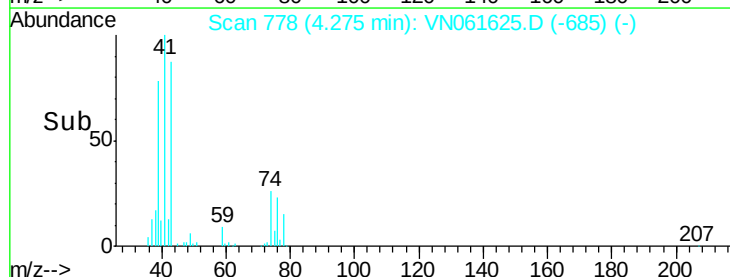
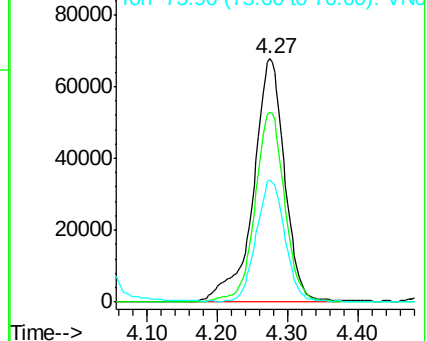
41 100

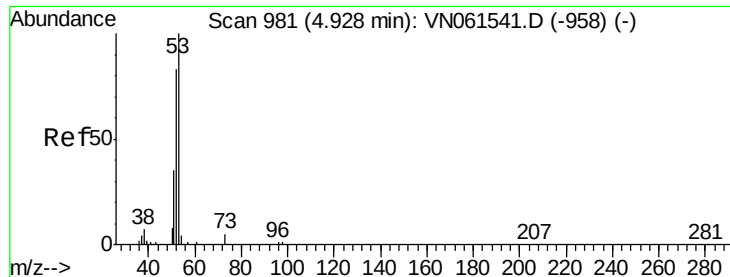
39 73.7 58.6 88.0

76 45.3 34.2 51.4



Abundance Ion 41.00 (40.70 to 41.70): VN061625.D (-685) (-)





#15

Acrylonitrile

Concen: 217.817 ug/l

RT: 4.93 min Scan# 982

Delta R.T. 0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

ClientSampled :

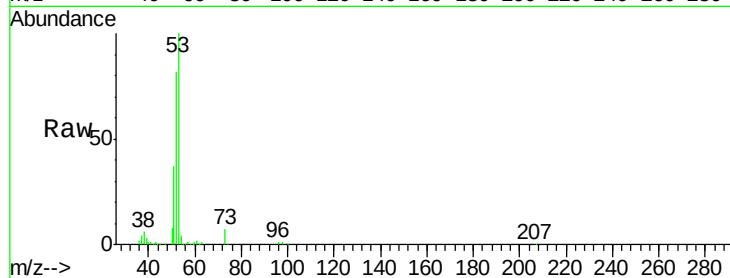
Tot Ion: 53 Resp: 362523

Ion Ratio Lower Upper

53 100

52 81.5 65.4 98.2

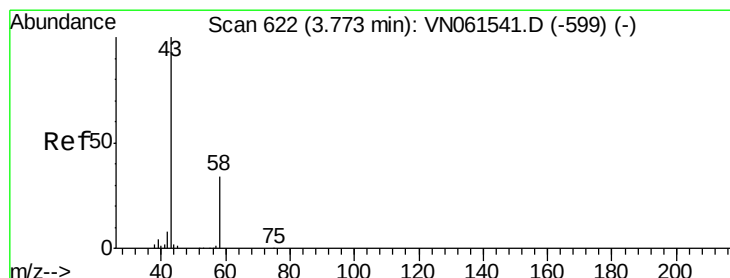
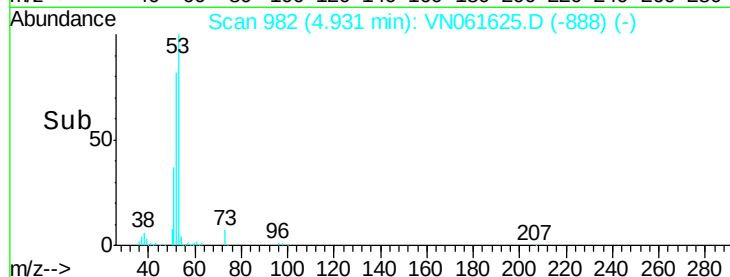
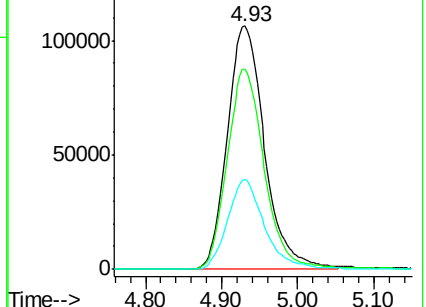
51 36.7 29.0 43.6



Abundance Ion 53.00 (52.70 to 53.70): VN061625.D (-958) (-)

Ion 52.00 (51.70 to 52.70): VN061625.D (-958) (-)

Ion 51.00 (50.70 to 51.70): VN061625.D (-958) (-)



#16

Acetone

Concen: 222.185 ug/l

RT: 3.78 min Scan# 623

Delta R.T. 0.00 min

Lab File: VN061625.D

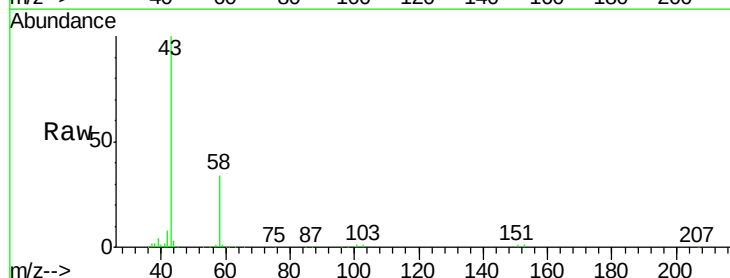
Acq: 2 Jun 2020 17:59

Tgt Ion: 43 Resp: 275361

Ion Ratio Lower Upper

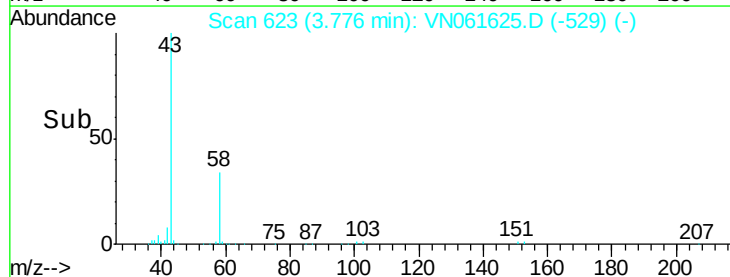
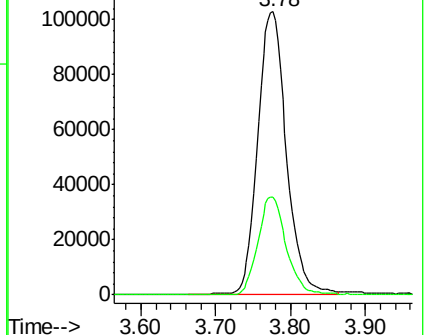
43 100

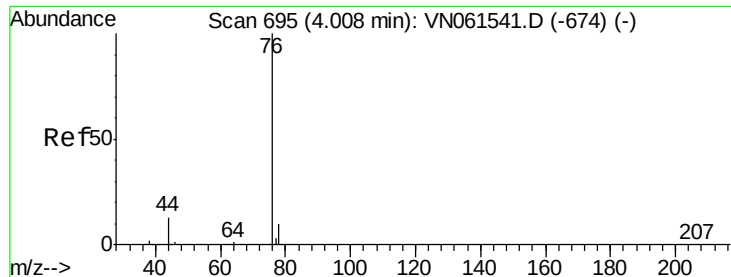
58 34.4 27.2 40.8



Abundance Ion 43.00 (42.70 to 43.70): VN061625.D (-529) (-)

Ion 58.00 (57.70 to 58.70): VN061625.D (-529) (-)

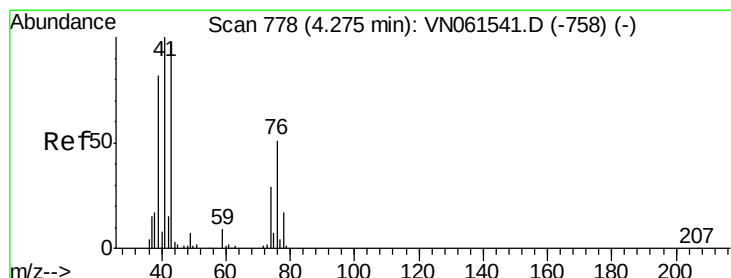
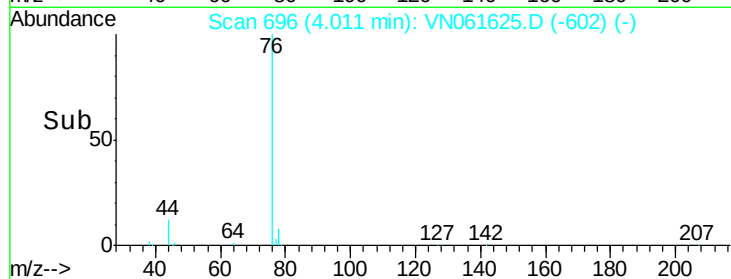
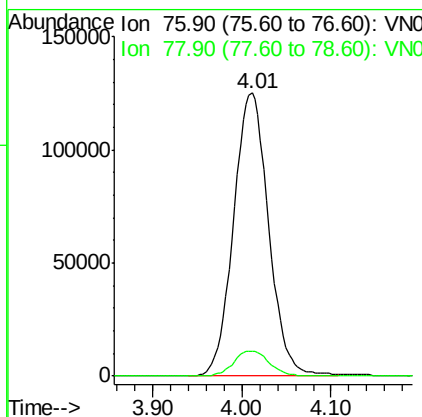
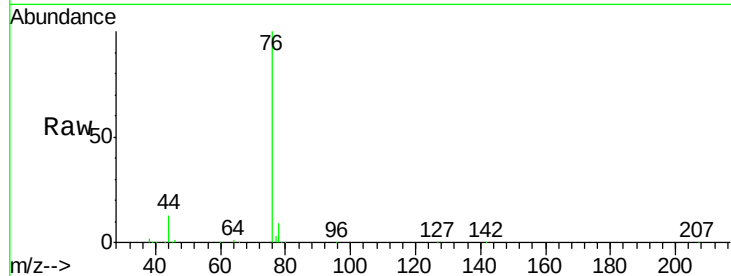




#17
Carbon Disulfide
Concen: 40.411 ug/l
RT: 4.01 min Scan# 696
Delta R.T. 0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

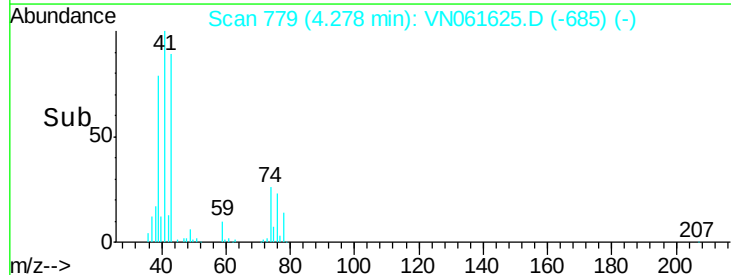
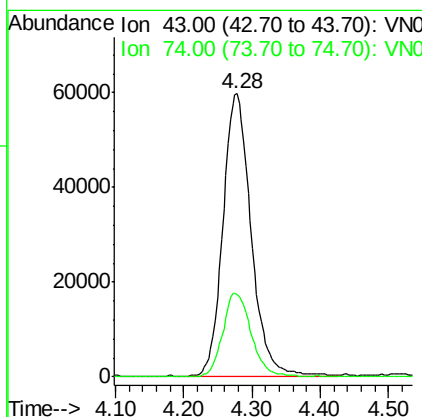
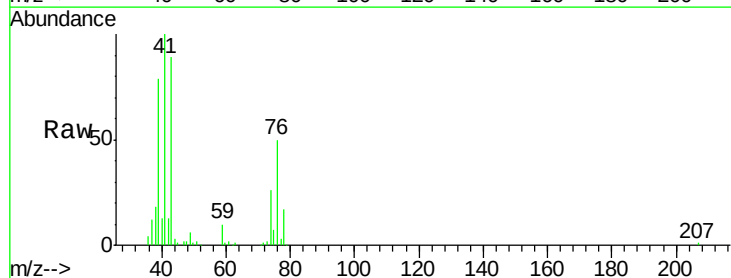
Instrument :
MSVOA_N
ClientSampled :

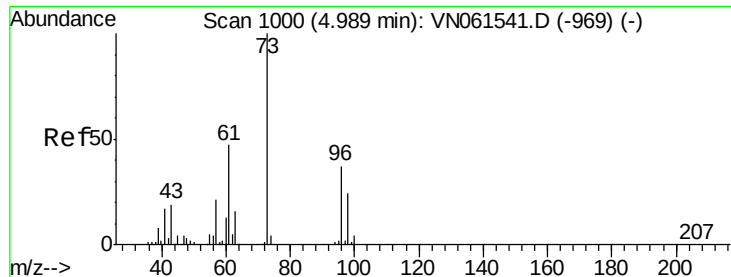
Tot Ion: 76 Resp: 341827
Ion Ratio Lower Upper
76 100
78 8.9 7.8 11.6



#18
Methyl Acetate
Concen: 41.828 ug/l
RT: 4.28 min Scan# 779
Delta R.T. 0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion: 43 Resp: 169748
Ion Ratio Lower Upper
43 100
74 30.2 23.2 34.8

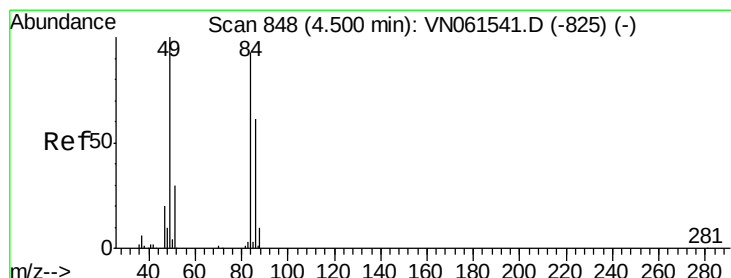
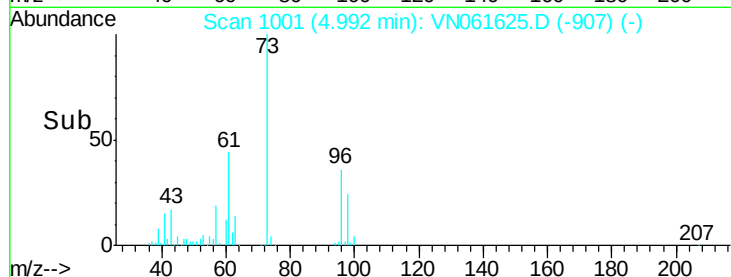
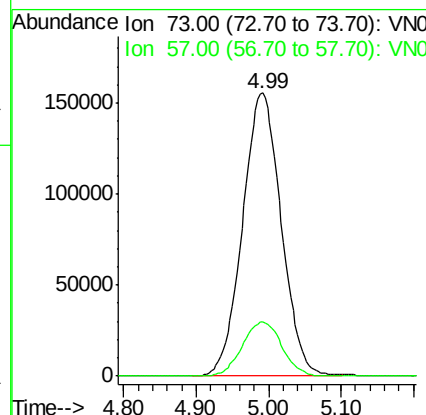
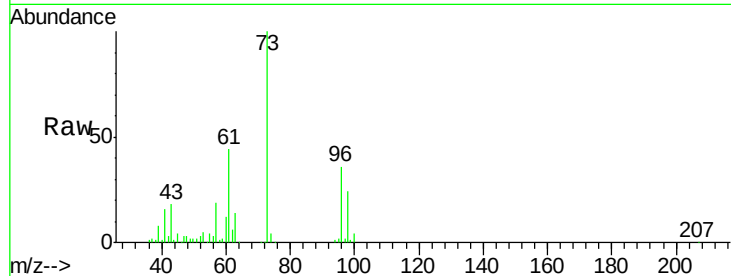




#19
Methyl tert-butyl Ether
Concen: 44.009 ug/l
RT: 4.99 min Scan# 1001
Delta R.T. 0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

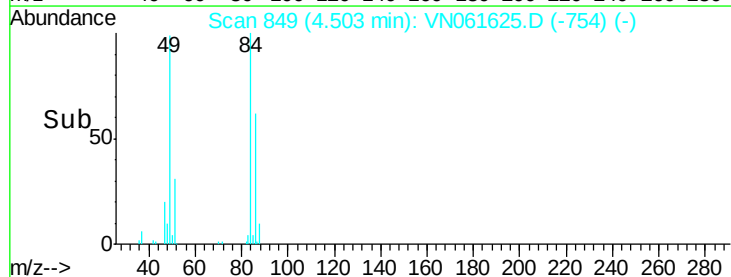
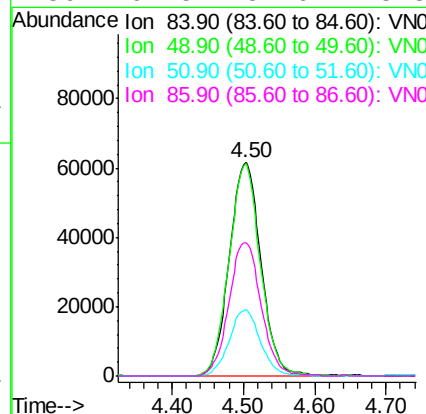
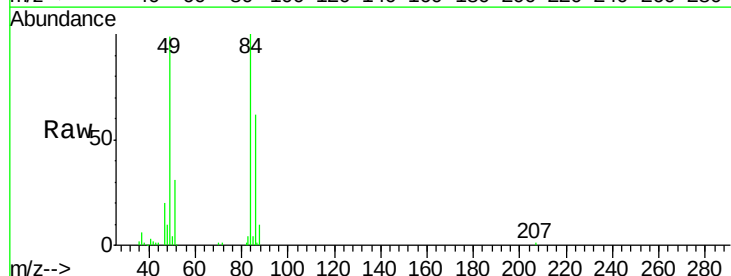
Instrument :
MSVOA_N
ClientSampleId :

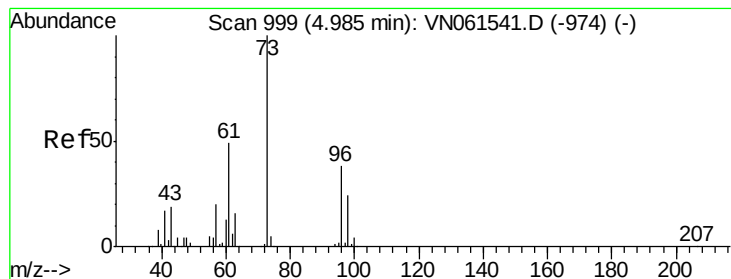
Tot Ion: 73 Resp: 576673
Ion Ratio Lower Upper
73 100
57 19.2 16.4 24.6



#20
Methylene Chloride
Concen: 46.703 ug/l
RT: 4.50 min Scan# 849
Delta R.T. 0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion: 84 Resp: 190767
Ion Ratio Lower Upper
84 100
49 99.4 85.8 128.8
51 31.3 26.2 39.2
86 62.5 52.6 78.8





#21

trans-1,2-Dichloroethene

Concen: 43.572 ug/l

RT: 4.99 min Scan# 999

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

ClientSampleId :

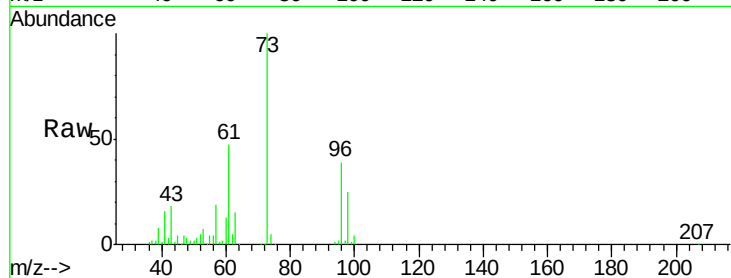
Tot Ion: 96 Resp: 188922

Ion Ratio Lower Upper

96 100

61 119.3 101.4 152.0

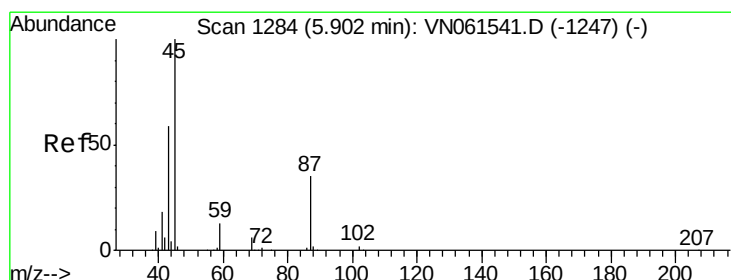
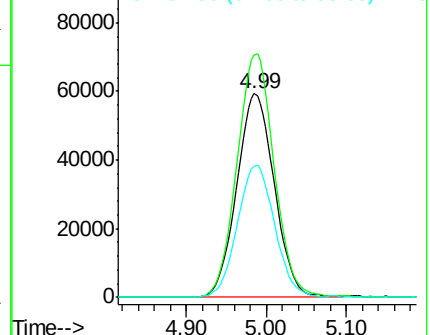
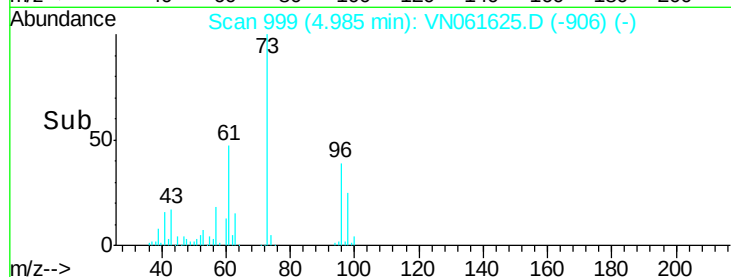
98 64.5 50.6 76.0



Abundance Ion 95.90 (95.60 to 96.60): VN061625.D (-906) (-)

Ion 60.90 (60.60 to 61.60): VN061625.D (-906) (-)

Ion 97.90 (97.60 to 98.60): VN061625.D (-906) (-)



#22

Diisopropyl ether

Concen: 43.753 ug/l

RT: 5.90 min Scan# 1284

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Tgt Ion: 45 Resp: 484713

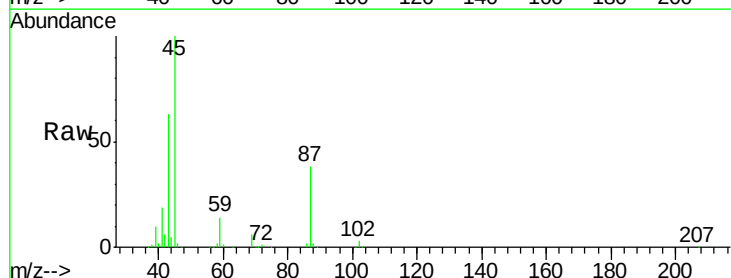
Ion Ratio Lower Upper

45 100

43 61.7 47.9 71.9

87 37.5 28.4 42.6

59 13.5 10.5 15.7

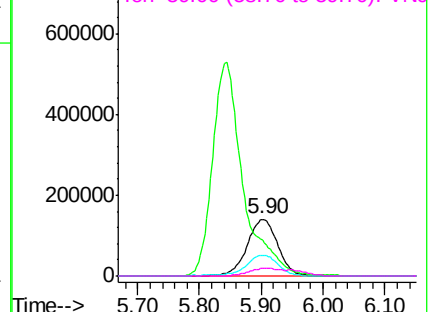
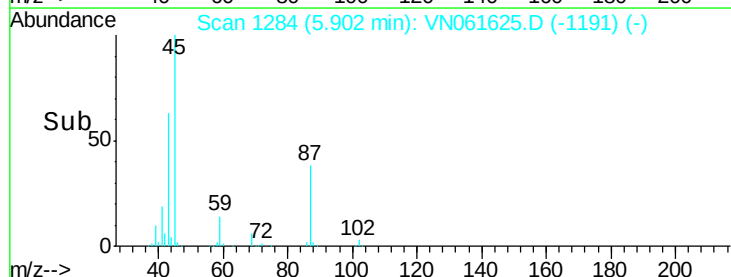


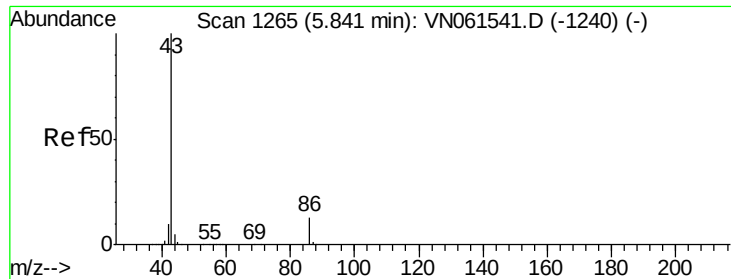
Abundance Ion 45.00 (44.70 to 45.70): VN061625.D (-1191) (-)

Ion 43.00 (42.70 to 43.70): VN061625.D (-1191) (-)

Ion 87.00 (86.70 to 87.70): VN061625.D (-1191) (-)

Ion 59.00 (58.70 to 59.70): VN061625.D (-1191) (-)





#23

Vinyl Acetate

Concen: 205.687 ug/l

RT: 5.84 min Scan# 1266

Delta R.T. 0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

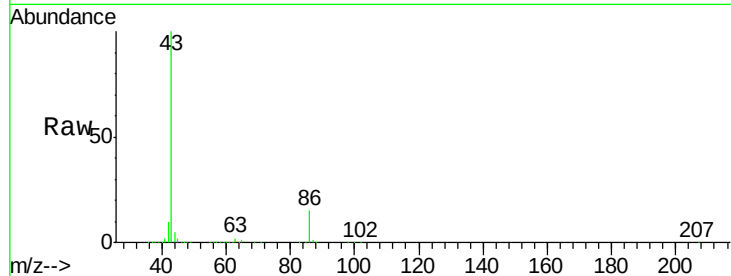
ClientSampleId :

Tot Ion: 43 Resp: 1816175

Ion Ratio Lower Upper

43 100

86 14.5 10.6 16.0



Abundance Ion 43.00 (42.70 to 43.70): VN061625.D (-1172) (-)

Ion 86.00 (85.70 to 86.70): VN061625.D (-1172) (-)

5.84

600000

500000

400000

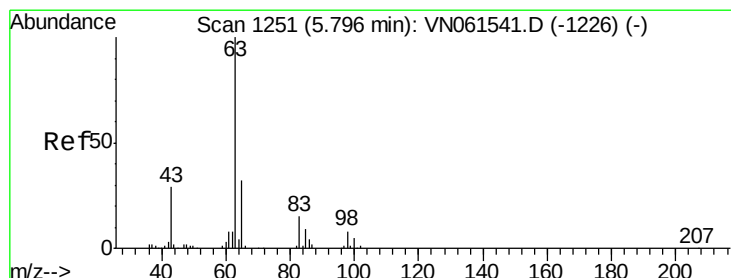
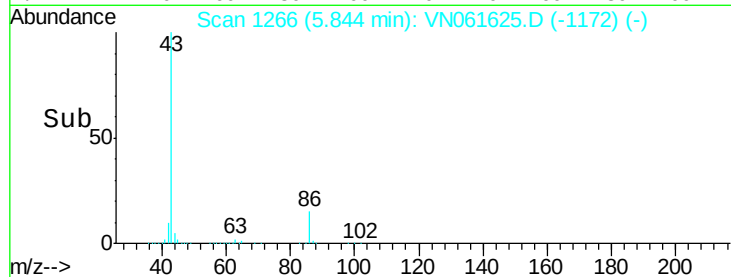
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 43.660 ug/l

RT: 5.80 min Scan# 1251

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

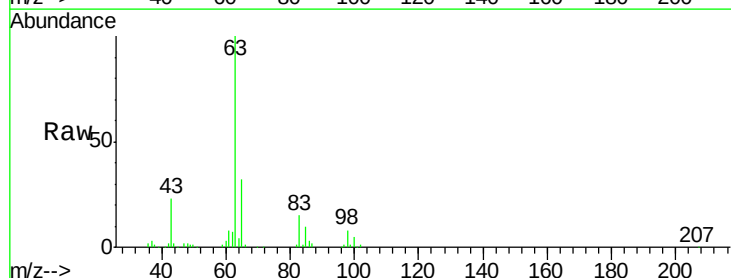
Tgt Ion: 63 Resp: 306712

Ion Ratio Lower Upper

63 100

98 7.8 3.8 11.4

100 5.4 2.5 7.6



Abundance Ion 62.90 (62.60 to 63.60): VN061625.D (-1158) (-)

Ion 97.90 (97.60 to 98.60): VN061625.D (-1158) (-)

Ion 99.90 (99.60 to 100.60): VN061625.D (-1158) (-)

120000

100000

80000

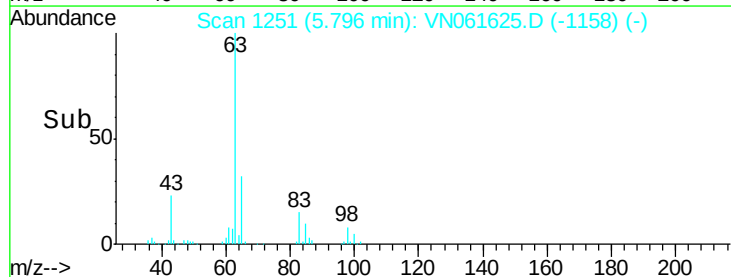
60000

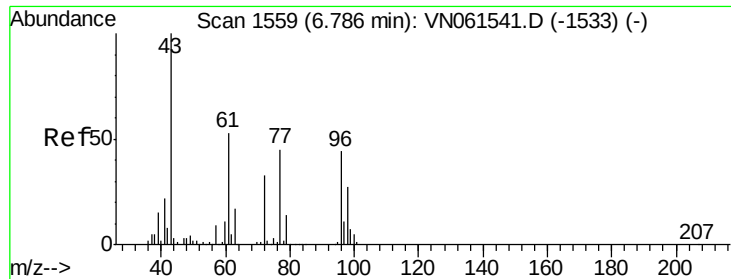
40000

20000

0

Time-->

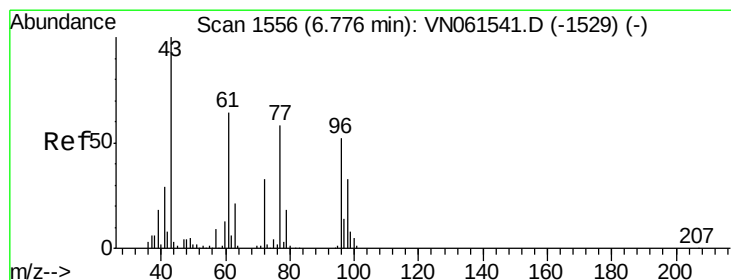
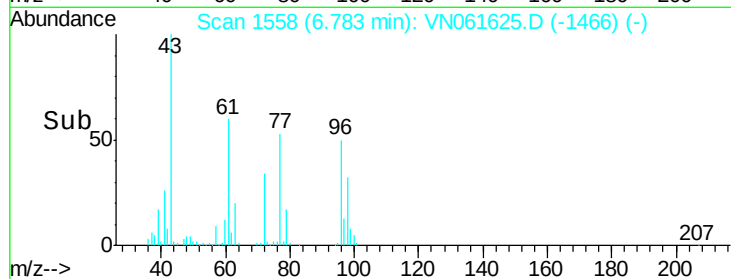
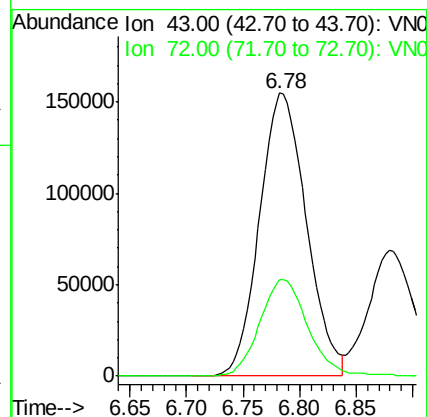
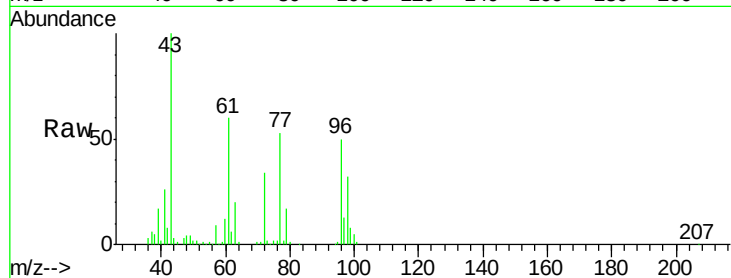




#25
2-Butanone
Concen: 208.785 ug/l
RT: 6.78 min Scan# 1558
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

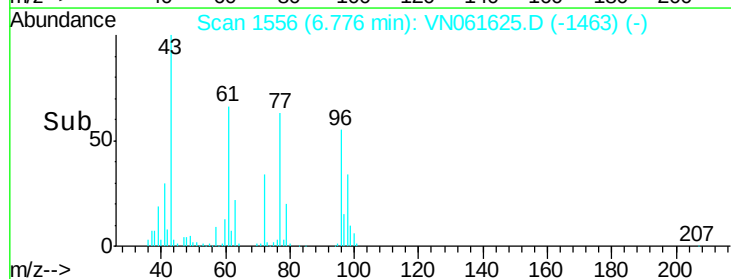
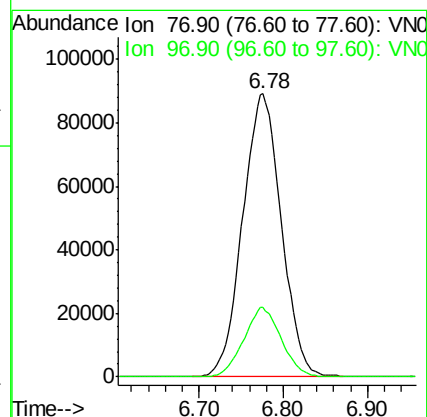
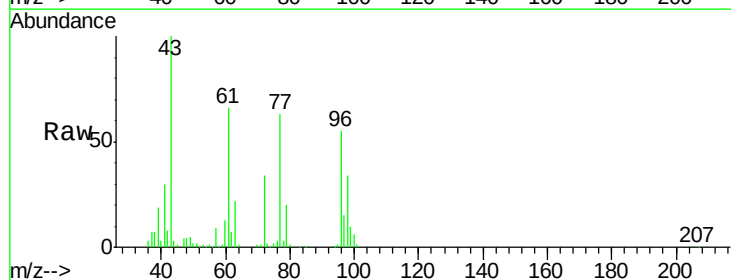
Instrument :
MSVOA_N
ClientSampled :

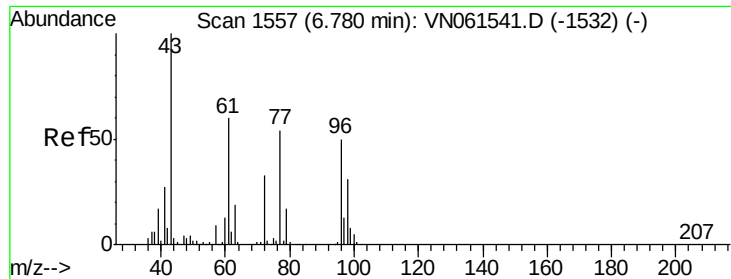
Tot Ion: 43 Resp: 443584
Ion Ratio Lower Upper
43 100
72 34.1 26.0 39.0



#26
2,2-Dichloropropane
Concen: 44.114 ug/l
RT: 6.78 min Scan# 1556
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion: 77 Resp: 283643
Ion Ratio Lower Upper
77 100
97 23.8 12.0 36.0

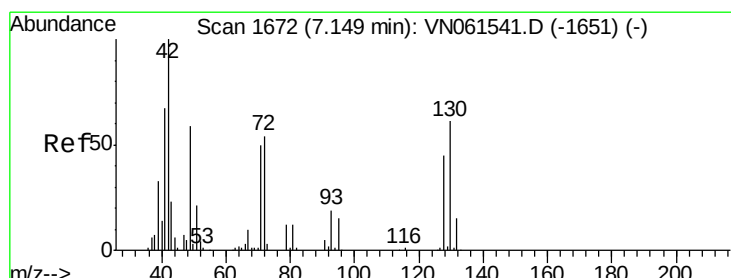
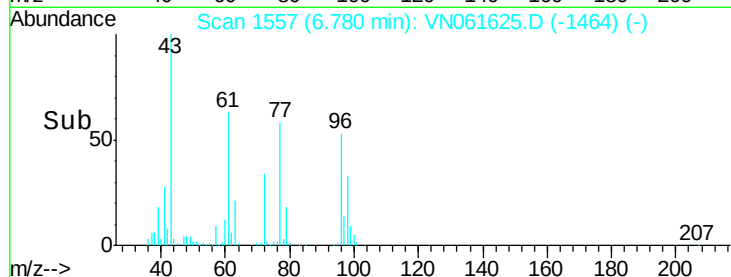
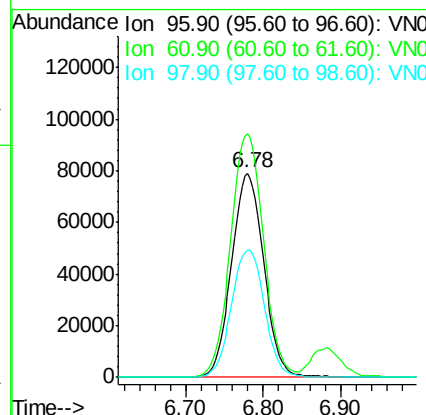
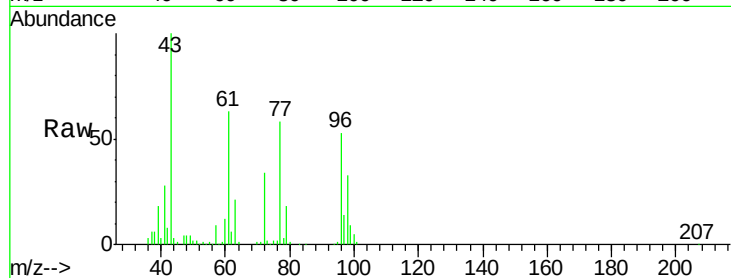




#27
 cis-1,2-Dichloroethene
 Concen: 46.576 ug/l
 RT: 6.78 min Scan# 1557
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

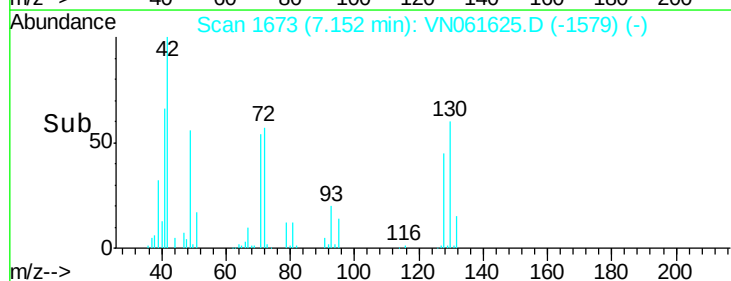
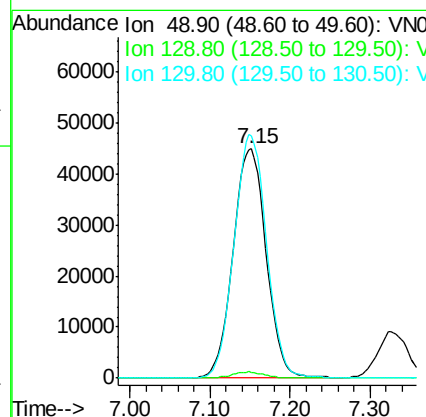
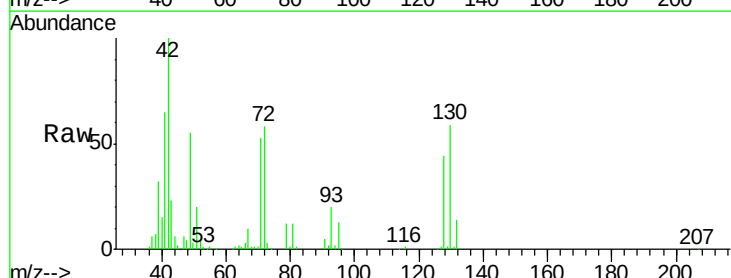
Instrument :
 MSVOA_N
 ClientSampled :

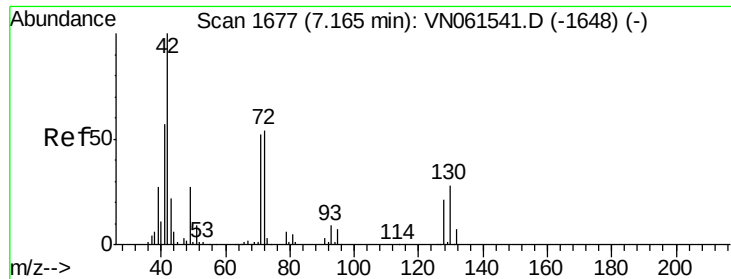
Tot Ion	96	Resp	228677
Ion	Ratio	Lower	Upper
96	100		
61	122.1	0.0	252.2
98	64.0	0.0	129.2



#28
 Bromochloromethane
 Concen: 47.798 ug/l
 RT: 7.15 min Scan# 1673
 Delta R.T. 0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Tgt Ion	49	Resp	126217
Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	4.8
130	104.0	78.8	118.2

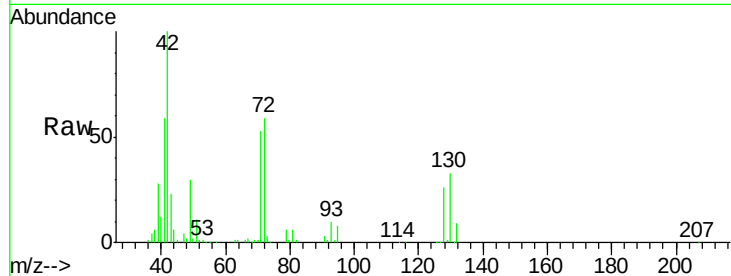




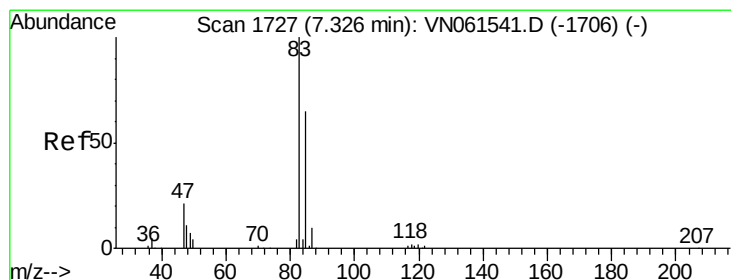
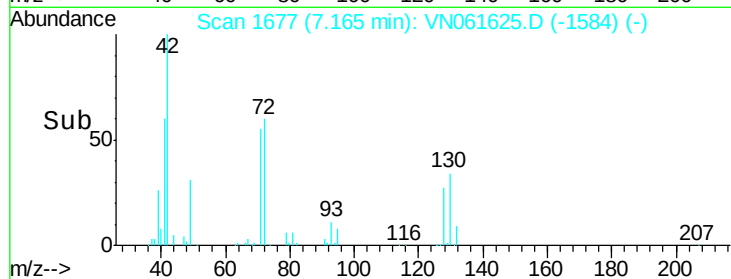
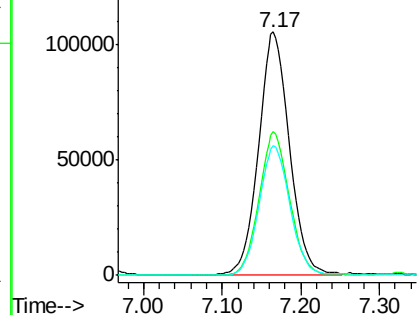
#29
Tetrahydrofuran
Concen: 209.925 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion: 42 Resp: 294104
Ion Ratio Lower Upper
42 100
72 58.1 43.6 65.4
71 53.5 41.2 61.8

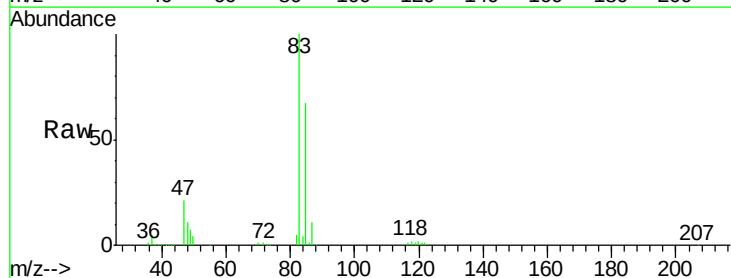


Abundance Ion 42.00 (41.70 to 42.70): VN0
Ion 72.00 (71.70 to 72.70): VN0
Ion 71.00 (70.70 to 71.70): VN0

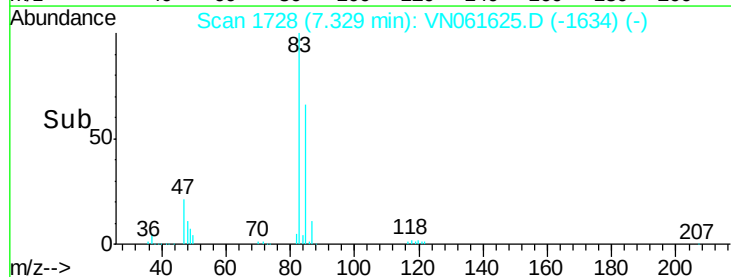
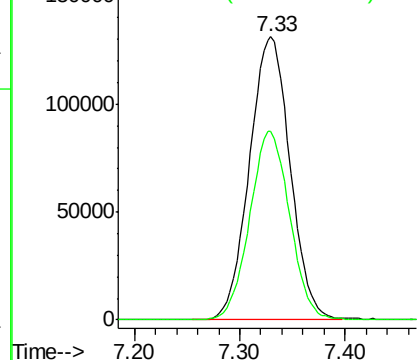


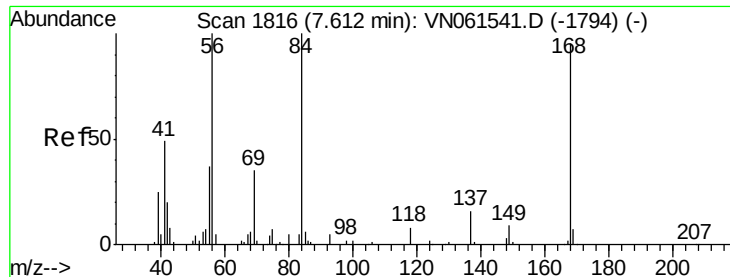
#30
Chloroform
Concen: 45.286 ug/l
RT: 7.33 min Scan# 1728
Delta R.T. 0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion: 83 Resp: 351957
Ion Ratio Lower Upper
83 100
85 66.6 51.7 77.5



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

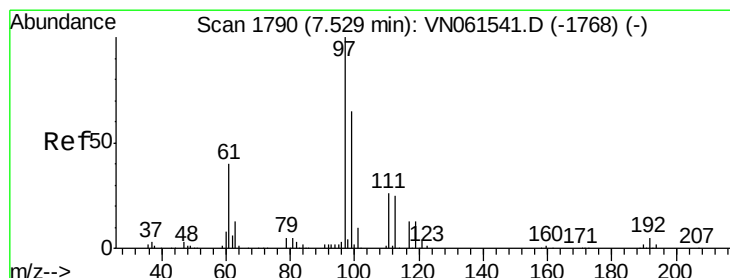
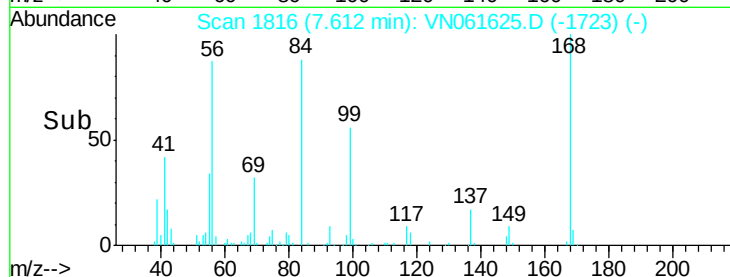
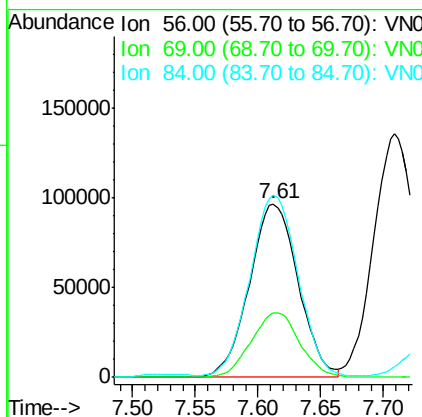
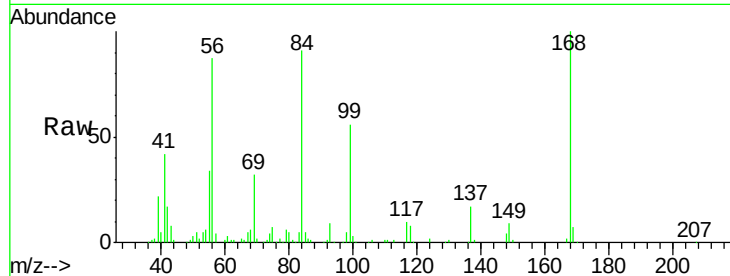




#31
Cyclohexane
Concen: 41.451 ug/l
RT: 7.61 min Scan# 1816
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

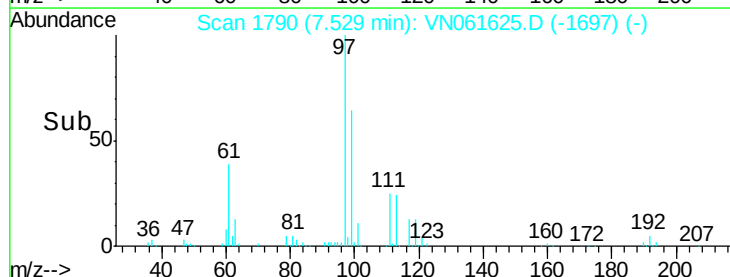
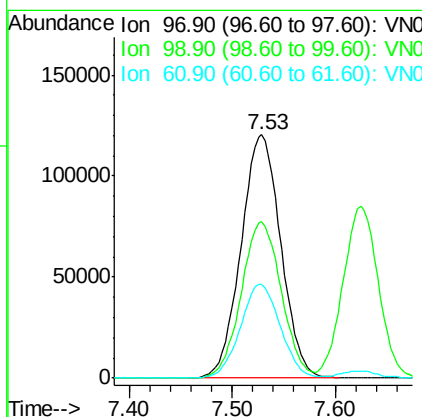
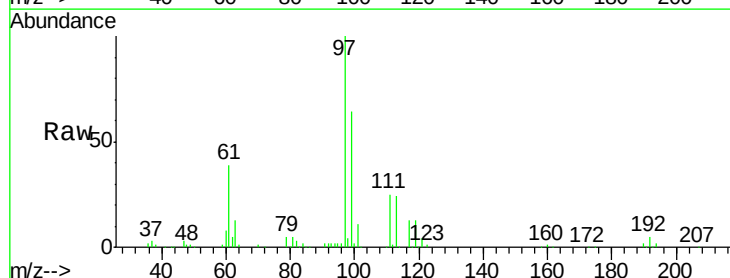
Instrument :
MSVOA_N
ClientSampled :

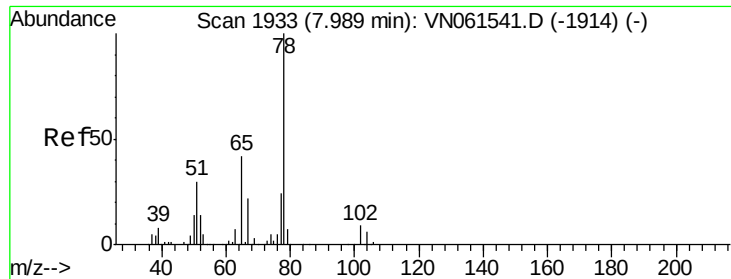
Tot Ion: 56 Resp: 261887
Ion Ratio Lower Upper
56 100
69 37.0 27.8 41.8
84 103.5 79.9 119.9



#32
1,1,1-Trichloroethane
Concen: 45.547 ug/l
RT: 7.53 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion: 97 Resp: 322556
Ion Ratio Lower Upper
97 100
99 64.8 51.4 77.0
61 38.7 31.4 47.0

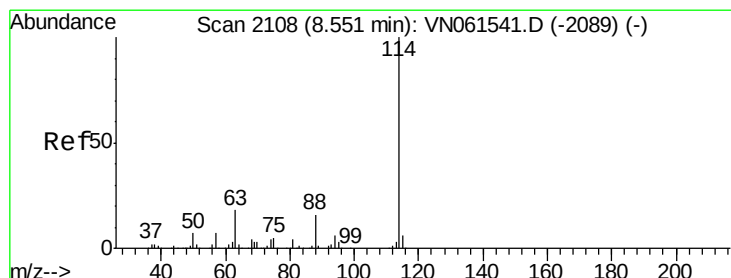
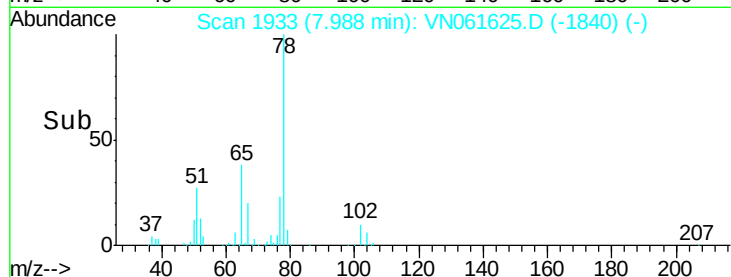
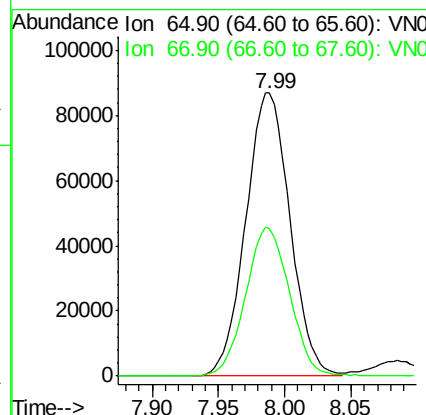
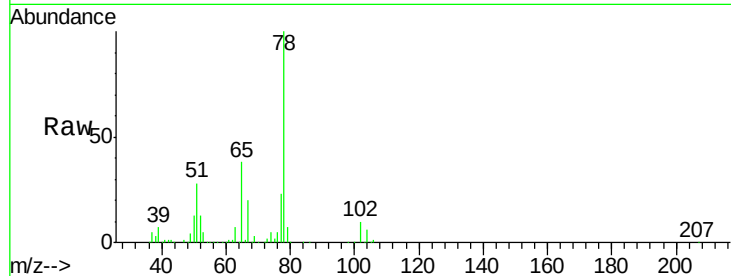




#33
 1,2-Dichloroethane-d4
 Concen: 45.108 ug/l
 RT: 7.99 min Scan# 1933
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

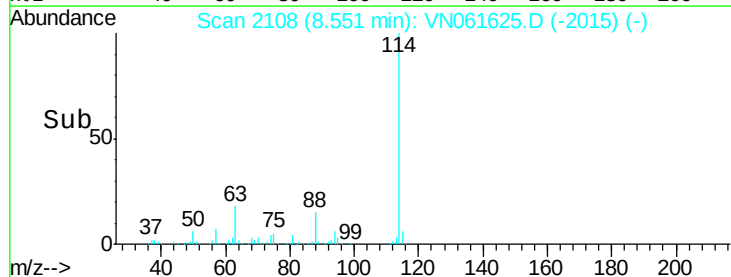
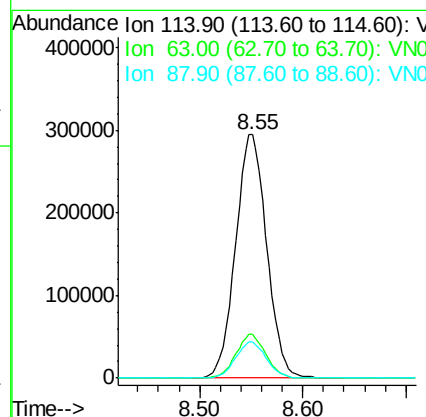
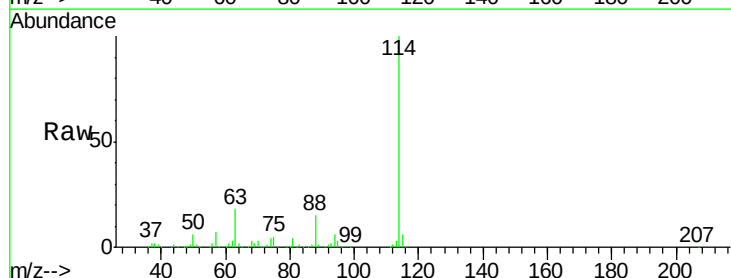
Instrument :
 MSVOA_N
 ClientSampleId :

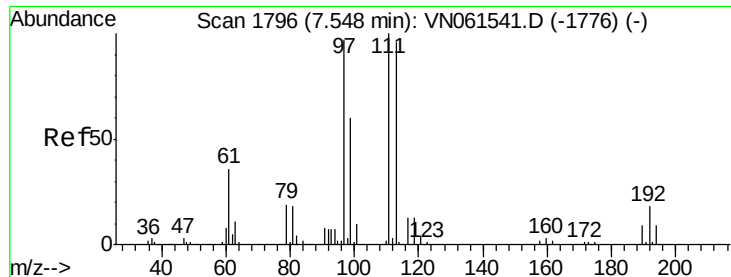
Tot Ion: 65 Resp: 202217
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Tgt Ion: 114 Resp: 618613
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 35.8
 88 14.8 0.0 31.0

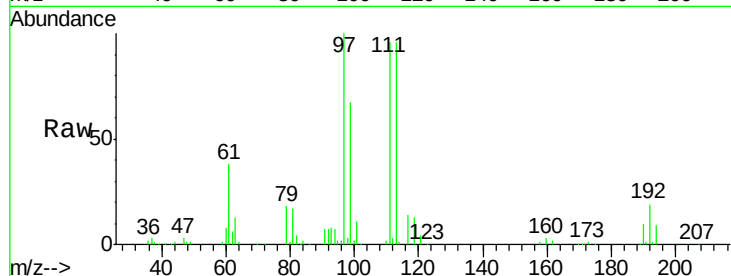




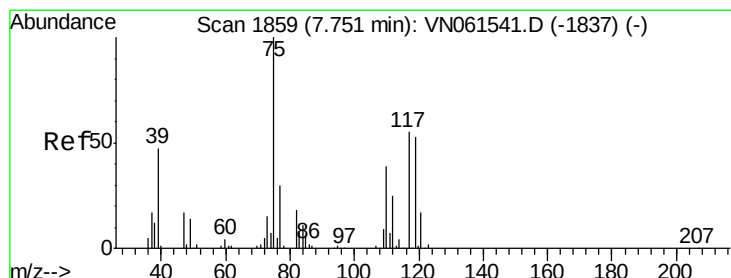
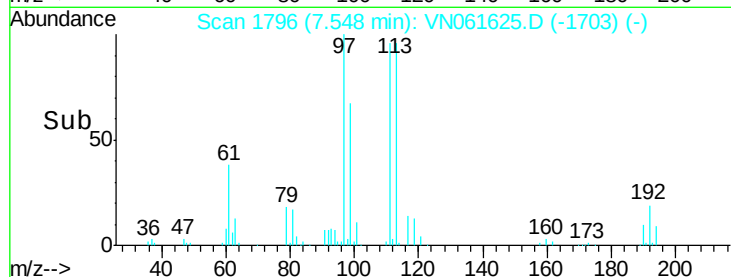
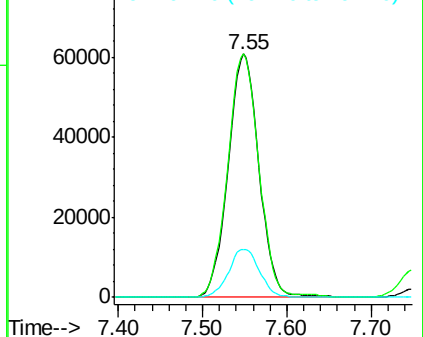
#35
Dibromofluoromethane
Concen: 49.129 ug/l
RT: 7.55 min Scan# 1796
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampleId :

Tot Ion:113 Resp: 154172
Ion Ratio Lower Upper
113 100
111 100.7 83.4 125.0
192 19.9 15.4 23.2

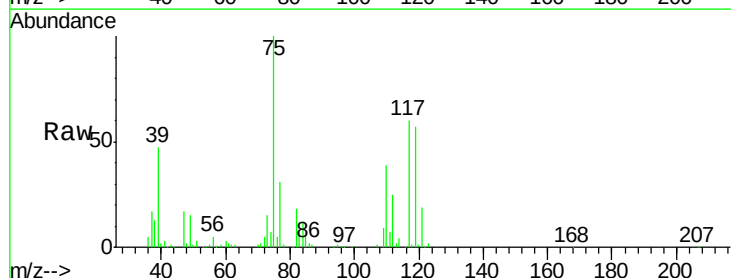


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

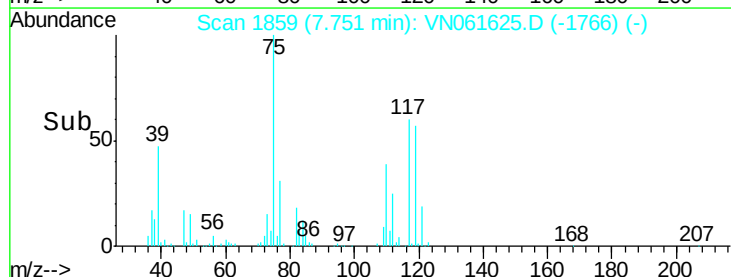
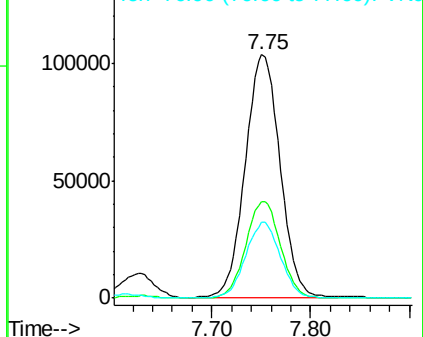


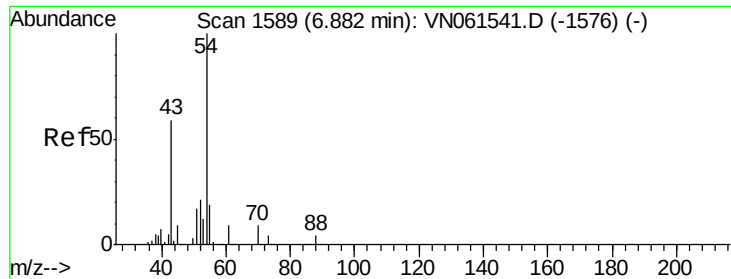
#36
1,1-Dichloropropene
Concen: 46.079 ug/l
RT: 7.75 min Scan# 1859
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion: 75 Resp: 252344
Ion Ratio Lower Upper
75 100
110 39.5 19.5 58.5
77 31.2 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

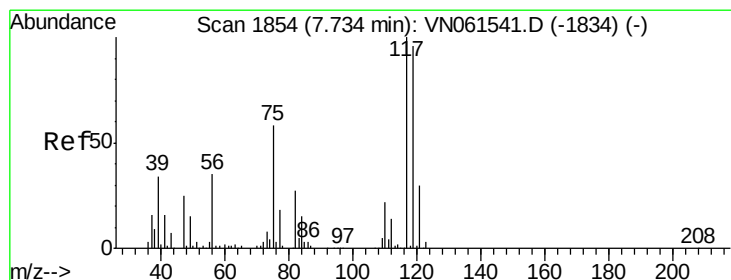
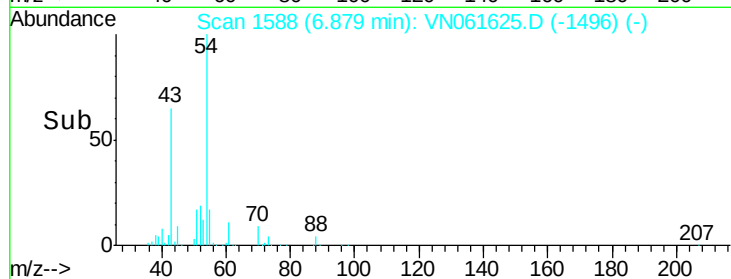
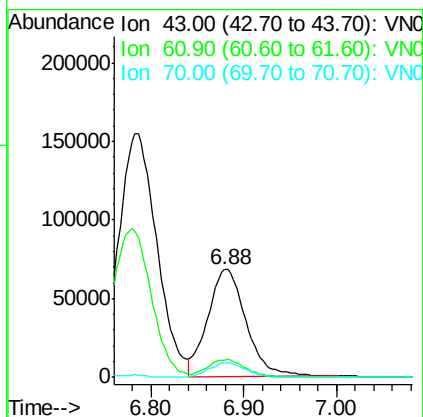
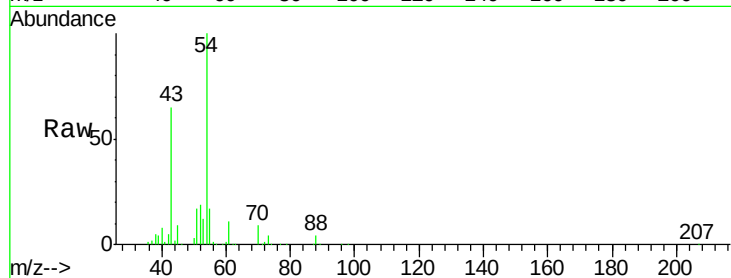




#37
Ethyl Acetate
Concen: 44.394 ug/l
RT: 6.88 min Scan# 1588
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

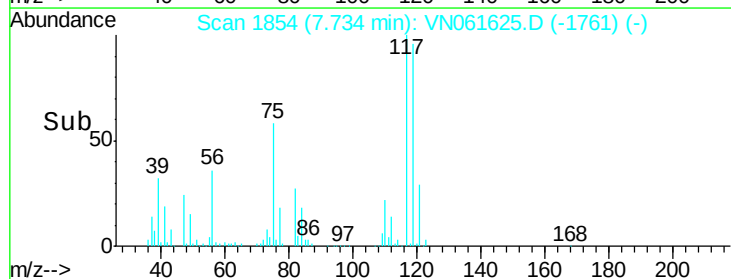
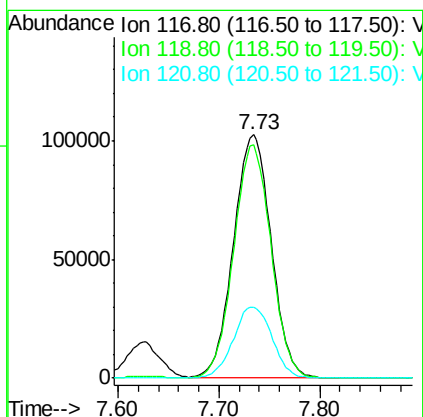
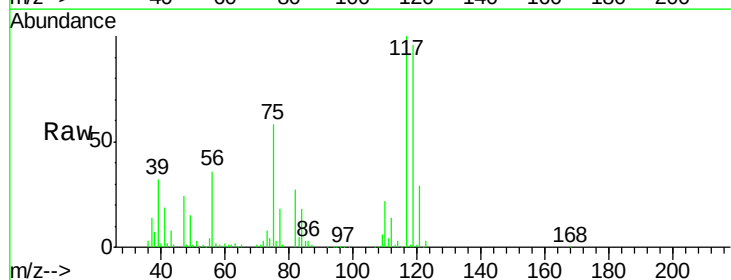
Instrument :
MSVOA_N
ClientSampleId :

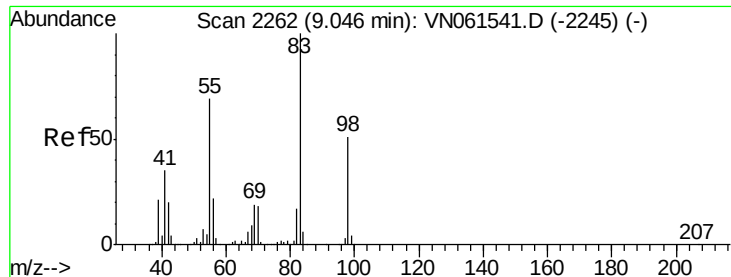
Tot Ion: 43 Resp: 195812
Ion Ratio Lower Upper
43 100
61 16.7 12.2 18.4
70 13.2 9.4 14.2



#38
Carbon Tetrachloride
Concen: 50.119 ug/l
RT: 7.73 min Scan# 1854
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion: 117 Resp: 264746
Ion Ratio Lower Upper
117 100
119 95.9 76.5 114.7
121 29.3 24.1 36.1

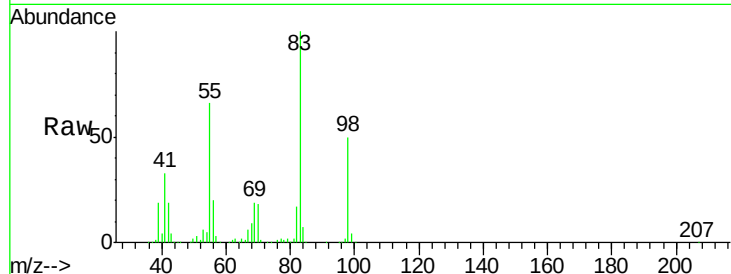




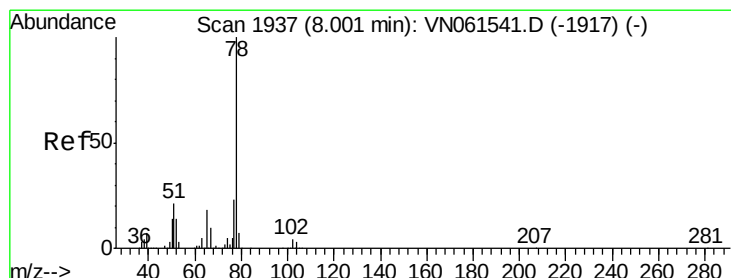
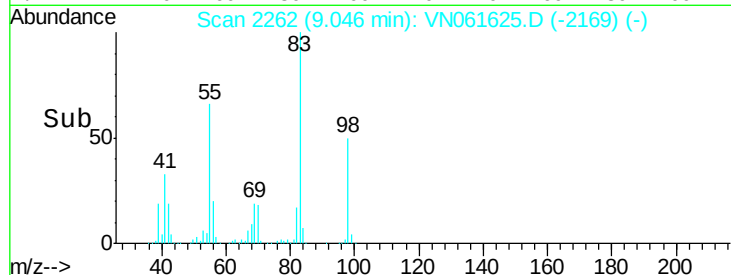
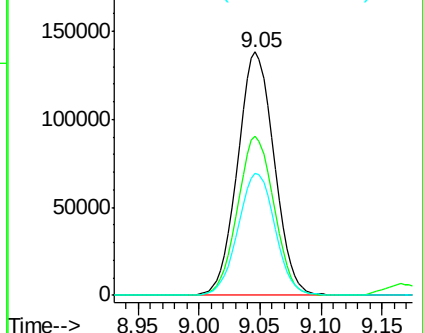
#39
Methylvlcyclohexane
Concen: 42.560 ug/l
RT: 9.05 min Scan# 2262
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion: 83 Resp: 287279
Ion Ratio Lower Upper
83 100
55 65.5 54.9 82.3
98 50.2 41.0 61.4

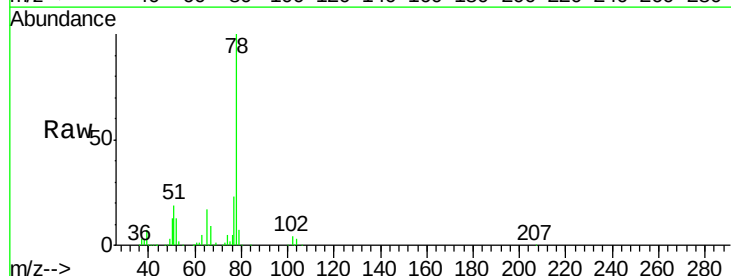


Abundance Ion 83.00 (82.70 to 83.70): VN0
Ion 55.00 (54.70 to 55.70): VN0
Ion 98.00 (97.70 to 98.70): VN0

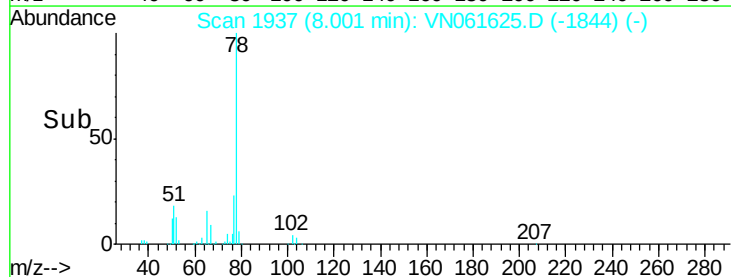
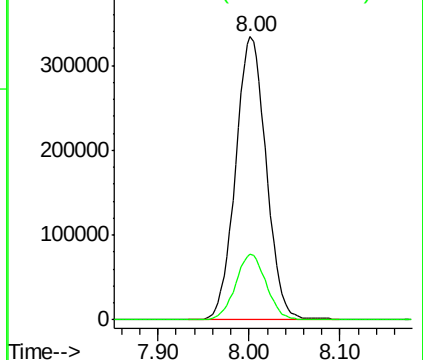


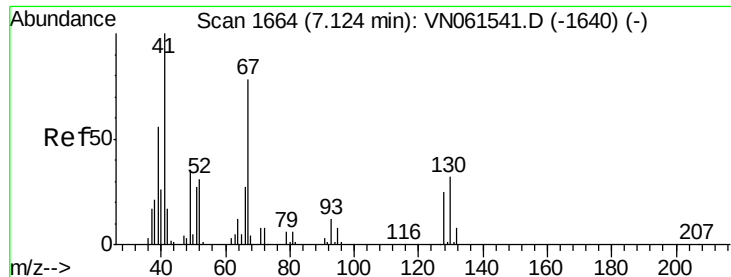
#40
Benzene
Concen: 46.232 ug/l
RT: 8.00 min Scan# 1937
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion: 78 Resp: 781178
Ion Ratio Lower Upper
78 100
77 23.1 18.6 28.0



Abundance Ion 78.00 (77.70 to 78.70): VN0
Ion 77.00 (76.70 to 77.70): VN0

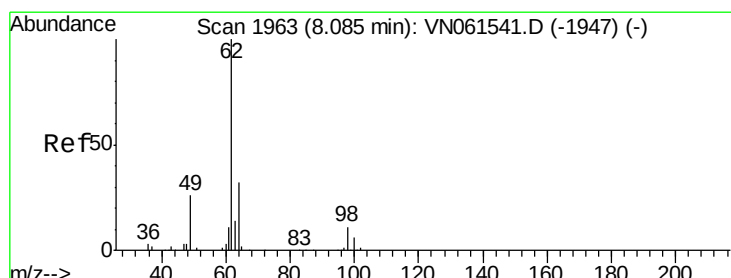
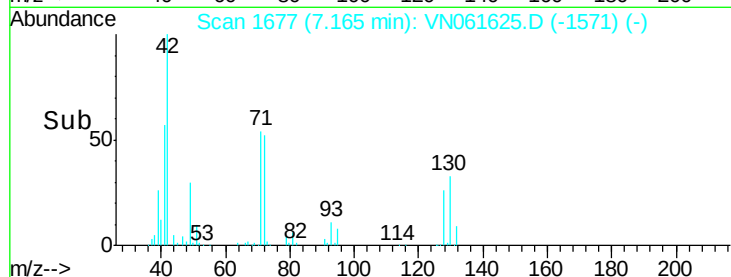
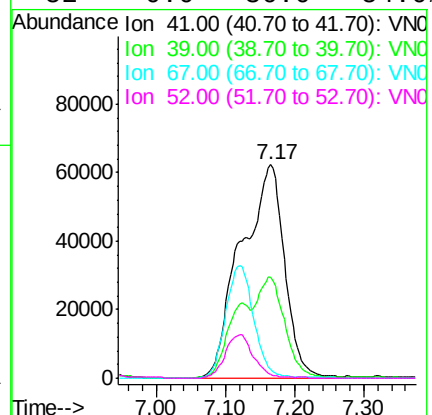
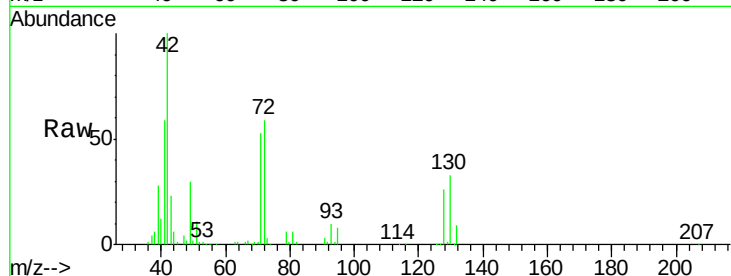




#41
Methacrylonitrile
Concen: 134.338 ug/l
RT: 7.17 min Scan# 1677
Delta R.T. 0.04 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

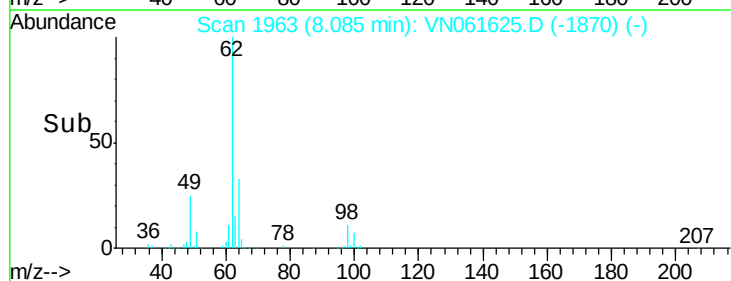
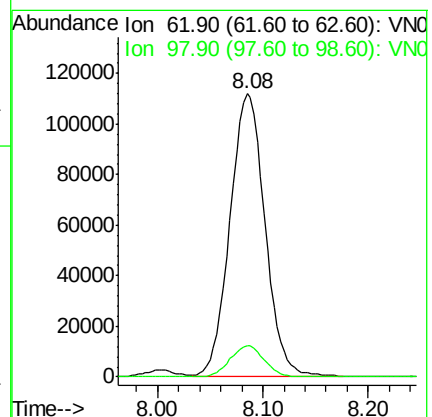
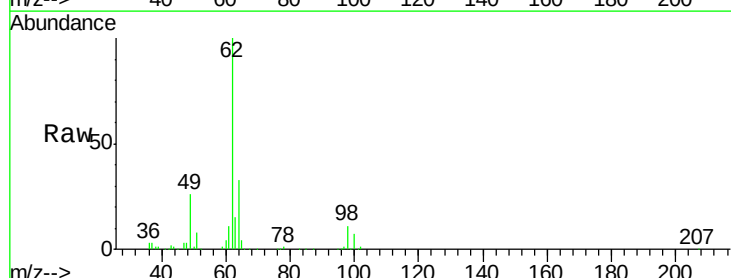
Instrument :
MSVOA_N
ClientSampled :

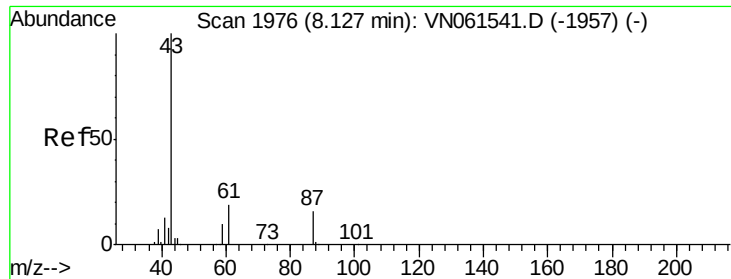
Tot Ion	Ratio	Lower	Upper
41	100		
39	0.0	53.8	80.6#
67	0.0	91.1	136.7#
52	0.0	36.0	54.0#



#42
1,2-Dichloroethane
Concen: 45.366 ug/l
RT: 8.08 min Scan# 1963
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion	Ratio	Lower	Upper
62	100		
98	10.8	0.0	21.4





#43

Isopropyl Acetate

Concen: 43.572 ug/l

RT: 8.13 min Scan# 1976

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

ClientSampleId :

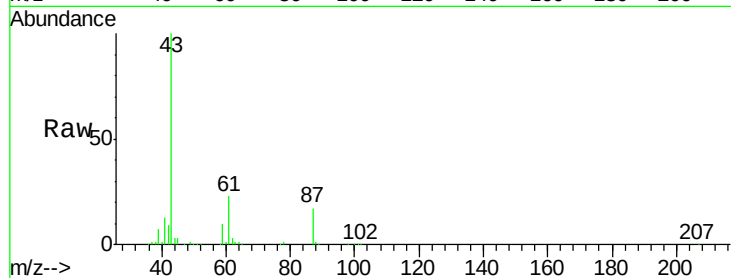
Tot Ion: 43 Resp: 345769

Ion Ratio Lower Upper

43 100

61 24.0 23.6 35.4

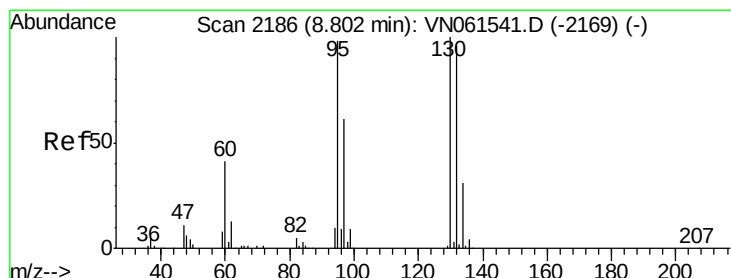
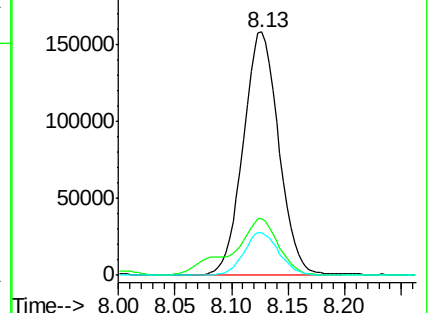
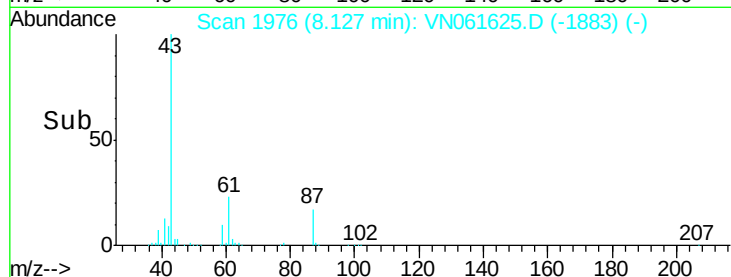
87 17.4 13.0 19.6



Abundance Ion 43.00 (42.70 to 43.70): VN061625.D (-1957) (-)

Ion 61.00 (60.70 to 61.70): VN061625.D (-1957) (-)

Ion 87.00 (86.70 to 87.70): VN061625.D (-1957) (-)



#44

Trichloroethene

Concen: 47.867 ug/l

RT: 8.80 min Scan# 2186

Delta R.T. -0.00 min

Lab File: VN061625.D

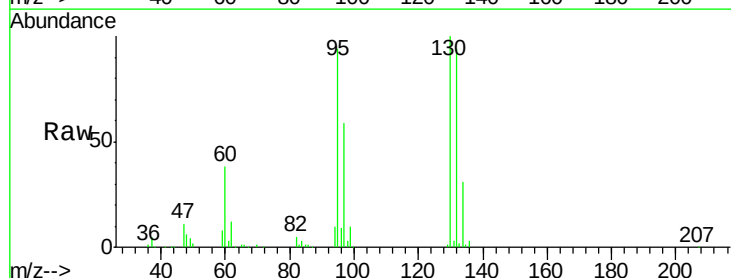
Acq: 2 Jun 2020 17:59

Tgt Ion:130 Resp: 248564

Ion Ratio Lower Upper

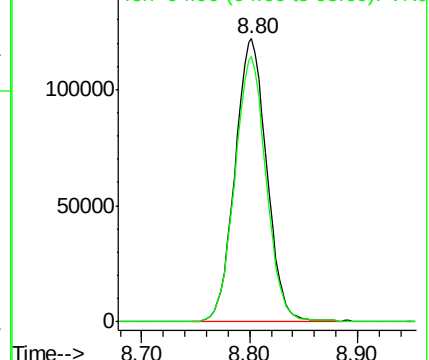
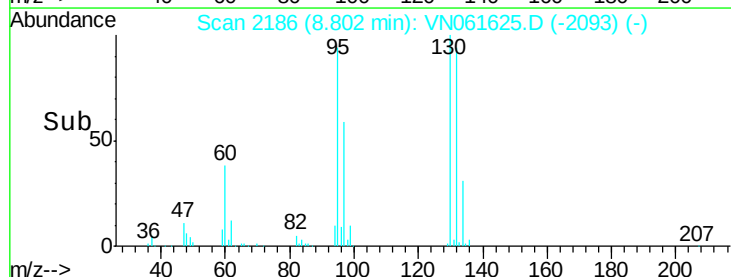
130 100

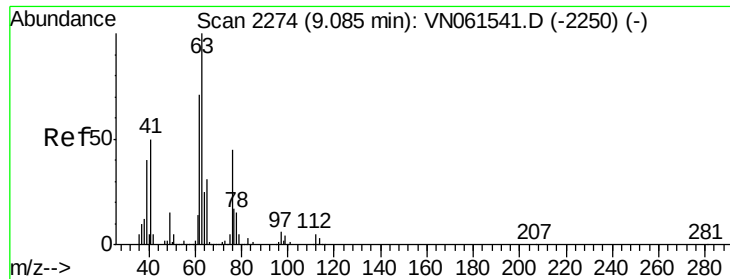
95 93.6 0.0 196.6



Abundance Ion 129.80 (129.50 to 130.50): VN061625.D (-2169) (-)

Ion 94.90 (94.60 to 95.60): VN061625.D (-2169) (-)

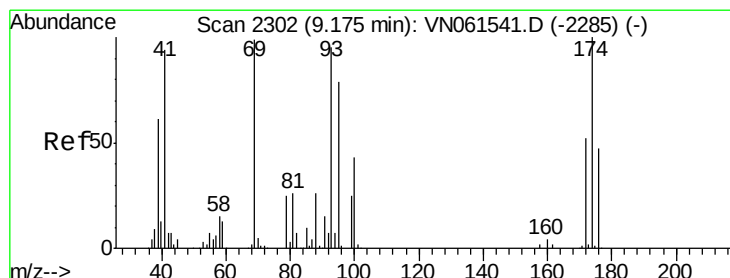
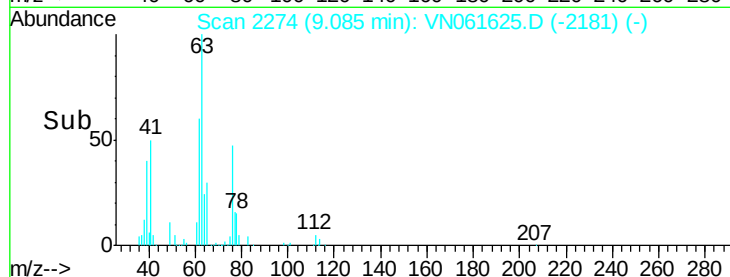
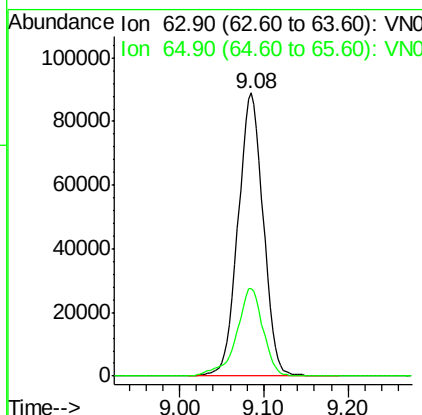
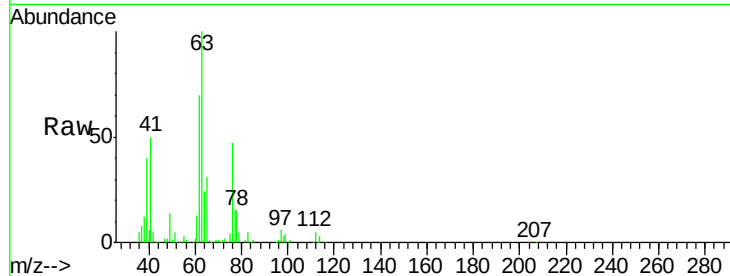




#45
 1,2-Dichloropropane
 Concen: 46.272 ug/l
 RT: 9.08 min Scan# 2274
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

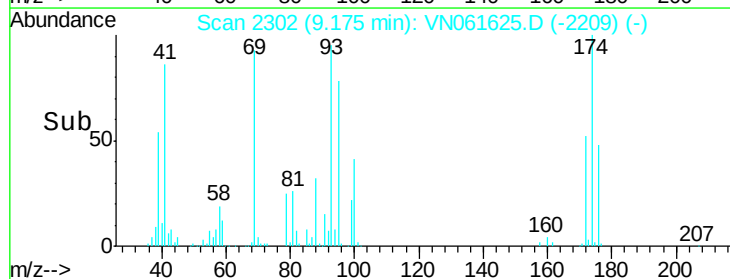
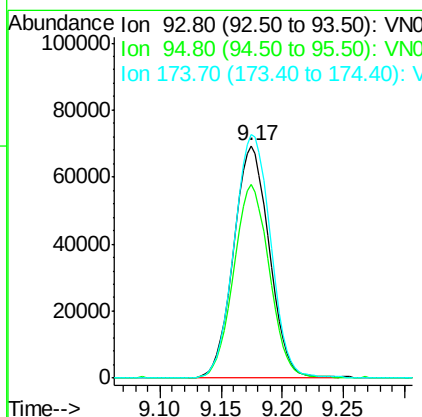
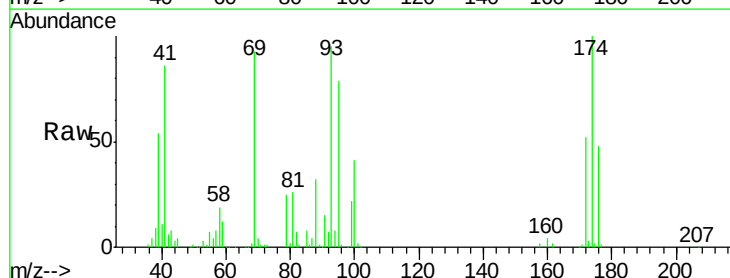
Instrument :
 MSVOA_N
 ClientSampled :

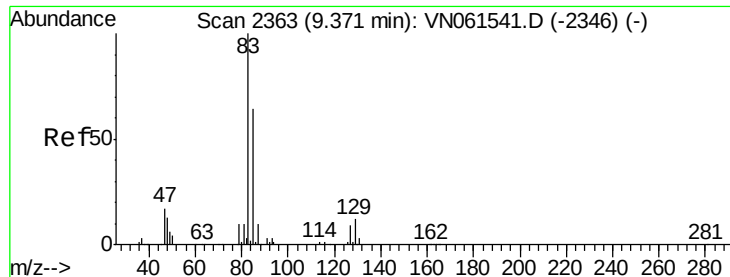
Tot Ion: 63 Resp: 185657
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.7 37.1



#46
 Dibromomethane
 Concen: 45.783 ug/l
 RT: 9.17 min Scan# 2302
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Tgt Ion: 93 Resp: 140883
 Ion Ratio Lower Upper
 93 100
 95 83.1 66.0 99.0
 174 106.9 82.5 123.7





#47

Bromodichloromethane

Concen: 46.829 ug/l

RT: 9.37 min Scan# 2363

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampleId :

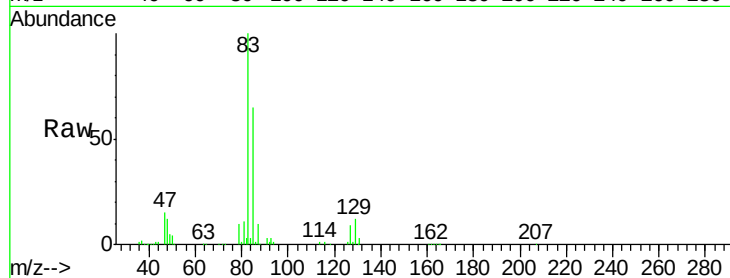
Tot Ion: 83 Resp: 285499

Ion Ratio Lower Upper

83 100

85 64.8 51.1 76.7

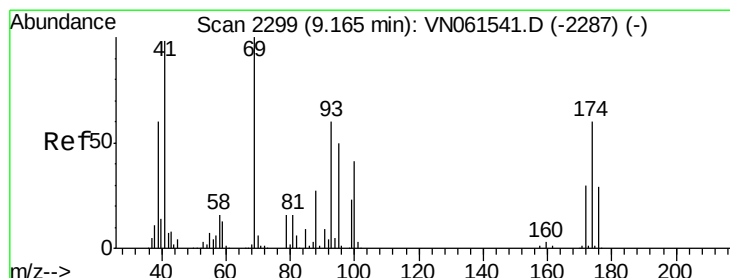
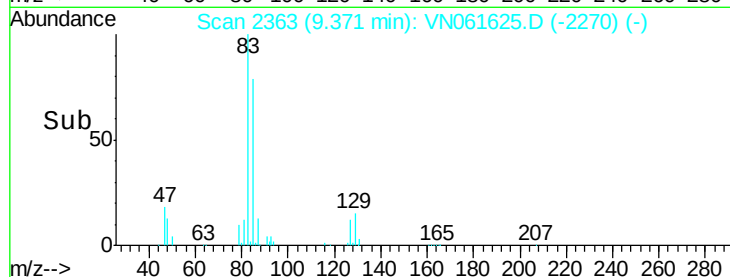
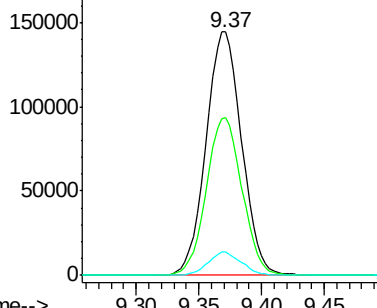
127 9.4 7.2 10.8



Abundance Ion 82.90 (82.60 to 83.60): VN061625.D (-2270) (-)

Ion 84.90 (84.60 to 85.60): VN061625.D (-2270) (-)

Ion 126.80 (126.50 to 127.50): VN061625.D (-2270) (-)



#48

Methyl methacrylate

Concen: 41.876 ug/l

RT: 9.17 min Scan# 2299

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

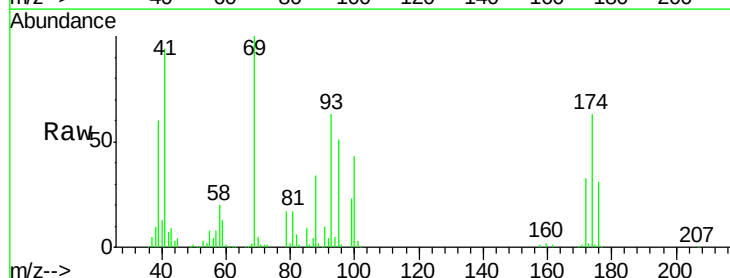
Tgt Ion: 41 Resp: 149511

Ion Ratio Lower Upper

41 100

69 109.0 83.9 125.9

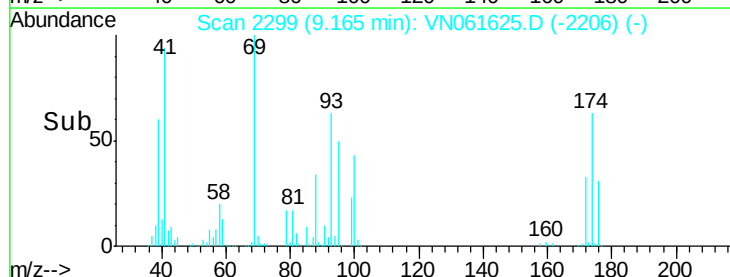
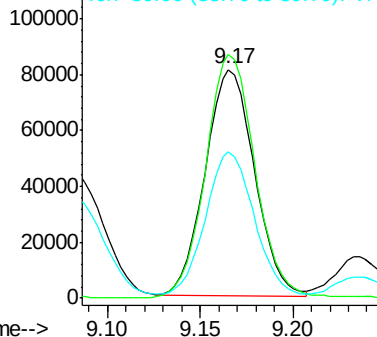
39 65.3 52.1 78.1

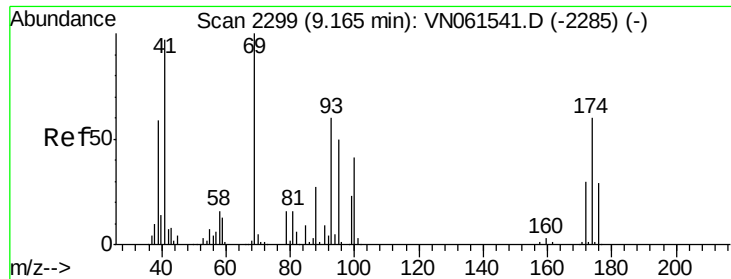


Abundance Ion 41.00 (40.70 to 41.70): VN061625.D (-2206) (-)

Ion 69.00 (68.70 to 69.70): VN061625.D (-2206) (-)

Ion 39.00 (38.70 to 39.70): VN061625.D (-2206) (-)

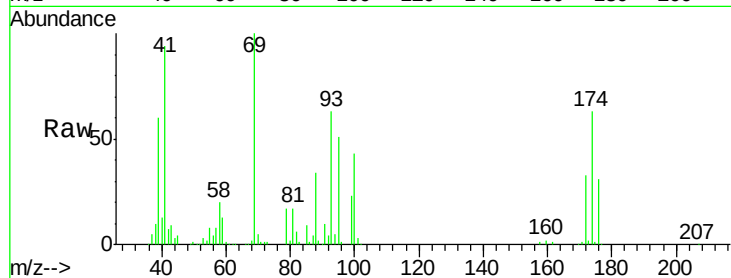




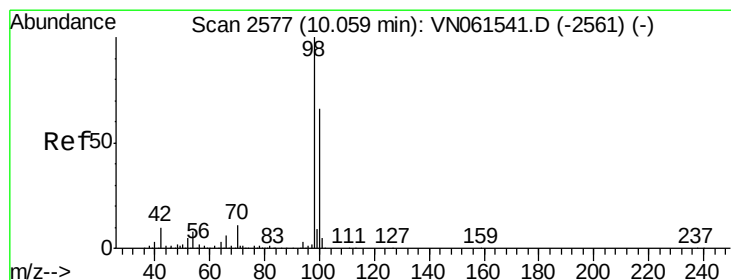
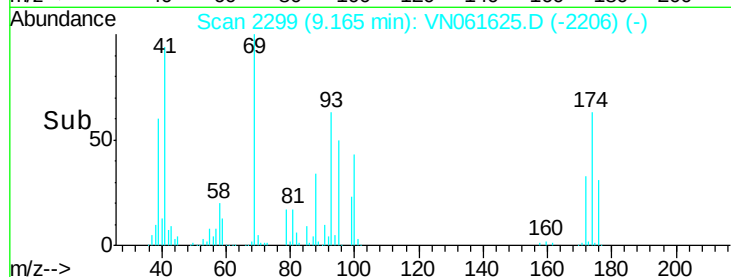
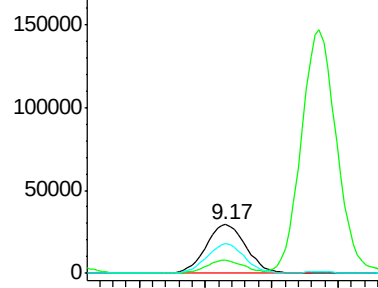
#49
 1,4-Dioxane
 Concen: 1122.805 ug/l
 RT: 9.17 min Scan# 2299
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion: 88 Resp: 62103
 Ion Ratio Lower Upper
 88 100
 43 26.4 23.1 34.7
 58 57.0 48.3 72.5

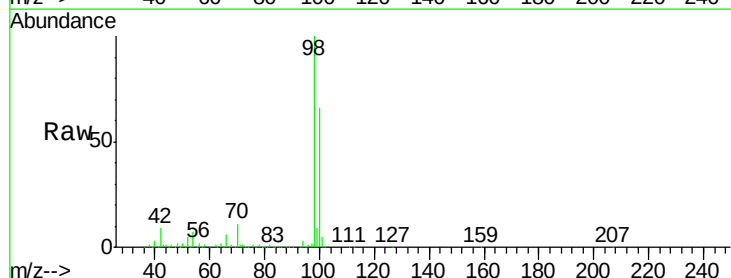


Abundance Ion 88.00 (87.70 to 88.70): VN0
 Ion 43.00 (42.70 to 43.70): VN0
 Ion 58.00 (57.70 to 58.70): VN0

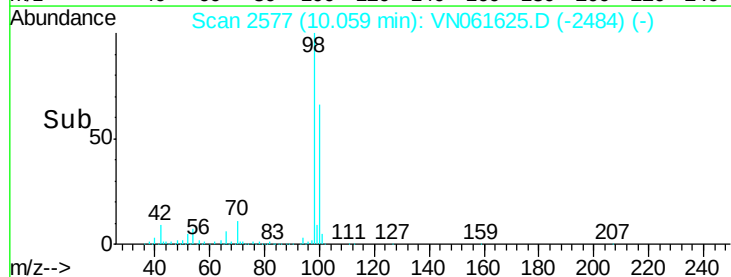
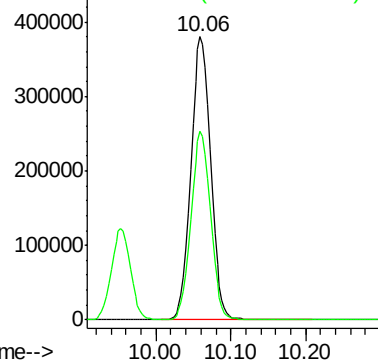


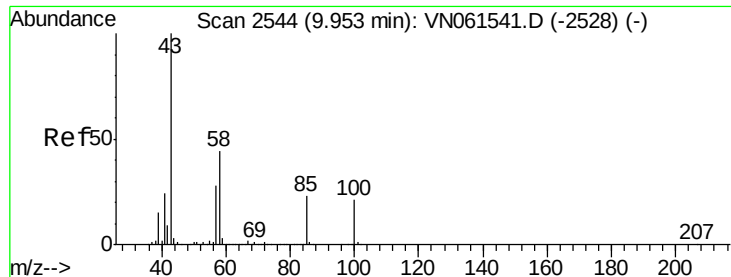
#50
 Toluene-d8
 Concen: 47.794 ug/l
 RT: 10.06 min Scan# 2577
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Tgt Ion: 98 Resp: 695042
 Ion Ratio Lower Upper
 98 100
 100 66.2 52.8 79.2



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

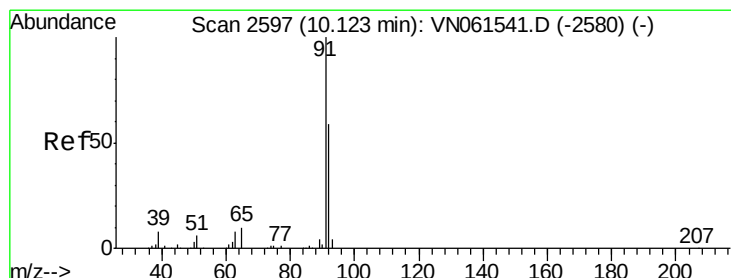
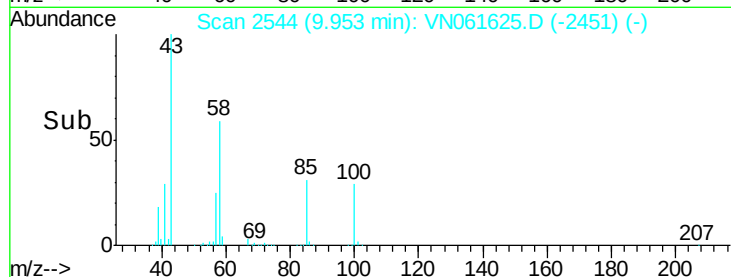
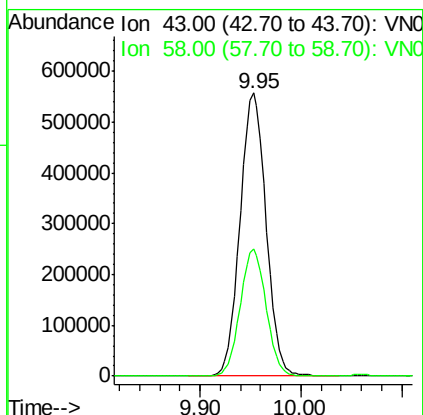
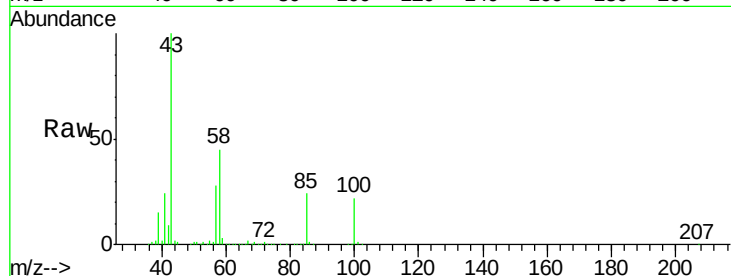




#51
4-Methyl-2-Pentanone
Concen: 222.650 ug/l
RT: 9.95 min Scan# 2544
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

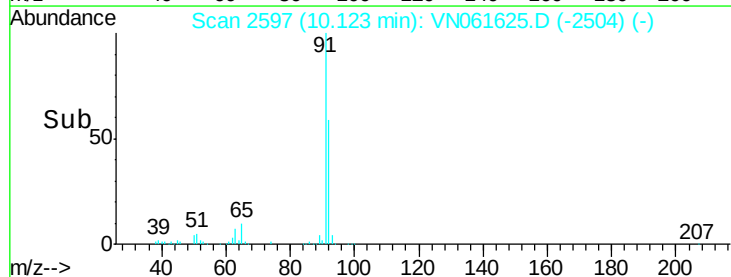
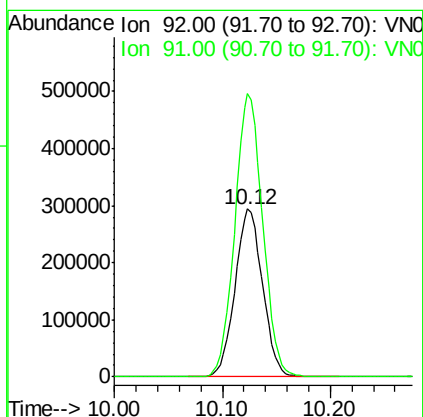
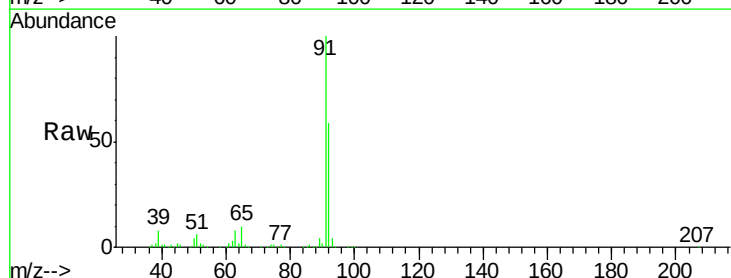
Instrument :
MSVOA_N
ClientSampled :

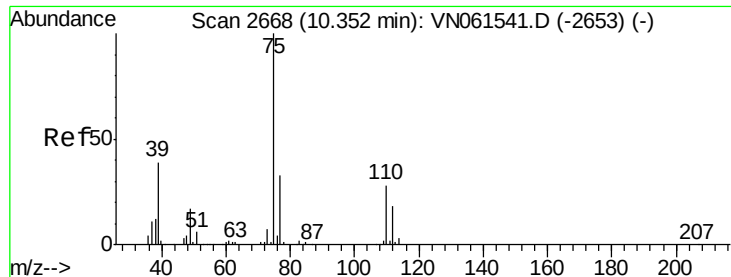
Tot Ion: 43 Resp: 995669
Ion Ratio Lower Upper
43 100
58 44.7 35.0 52.6



#52
Toluene
Concen: 47.506 ug/l
RT: 10.12 min Scan# 2597
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion: 92 Resp: 523920
Ion Ratio Lower Upper
92 100
91 170.7 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 46.840 ug/l

RT: 10.35 min Scan# 2668

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

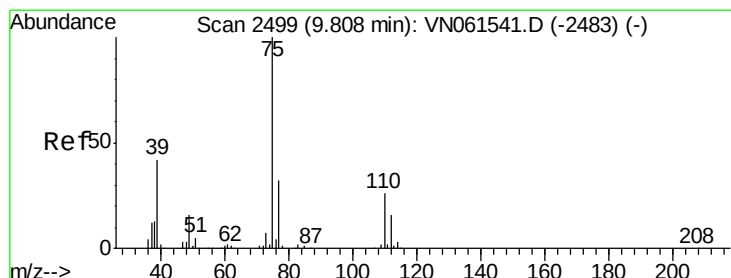
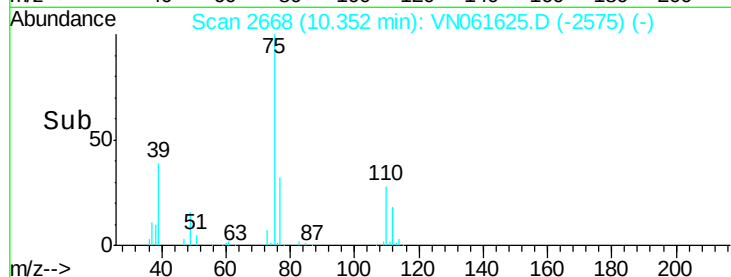
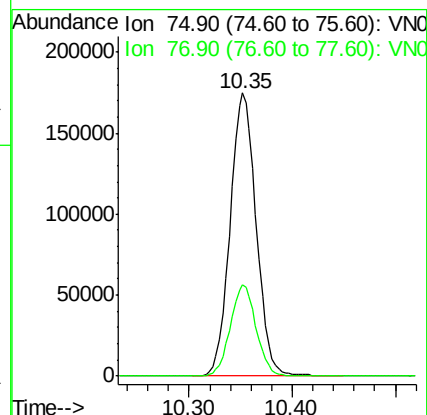
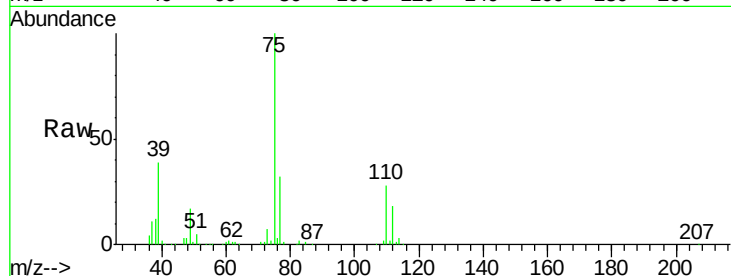
ClientSampleId :

Tot Ion: 75 Resp: 307631

Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.4



#54

cis-1,3-Dichloropropene

Concen: 46.453 ug/l

RT: 9.81 min Scan# 2499

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

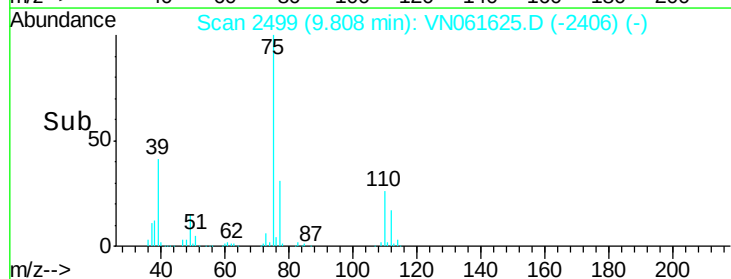
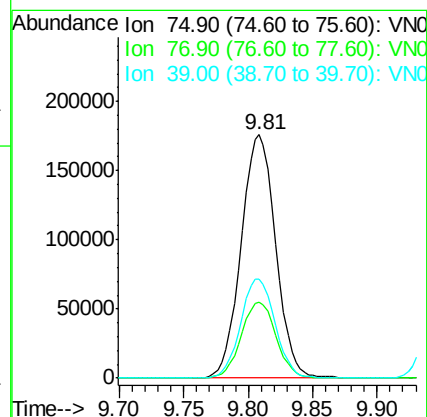
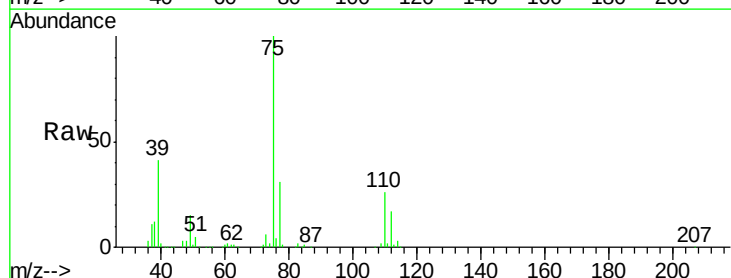
Tgt Ion: 75 Resp: 328041

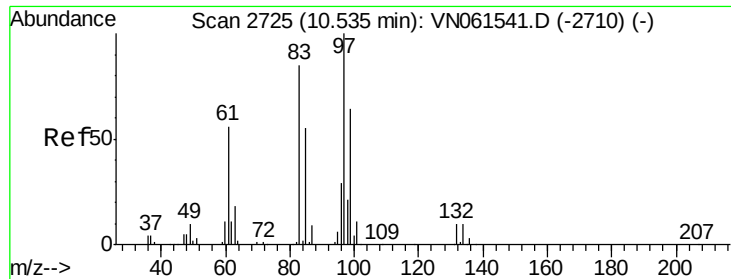
Ion Ratio Lower Upper

75 100

77 31.2 25.4 38.2

39 40.6 33.8 50.6





#55

1,1,2-Trichloroethane

Concen: 47.592 ug/l

RT: 10.53 min Scan# 2724

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

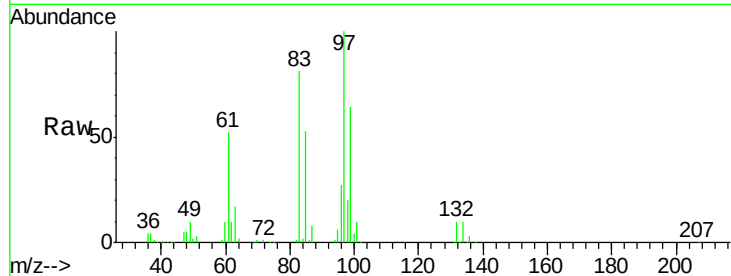
Instrument :

MSVOA_N

ClientSampleId :

Tot Ion: 97 Resp: 209109

Ion	Ratio	Lower	Upper
97	100		
83	81.3	68.1	102.1
85	52.7	44.1	66.1
99	63.5	51.1	76.7

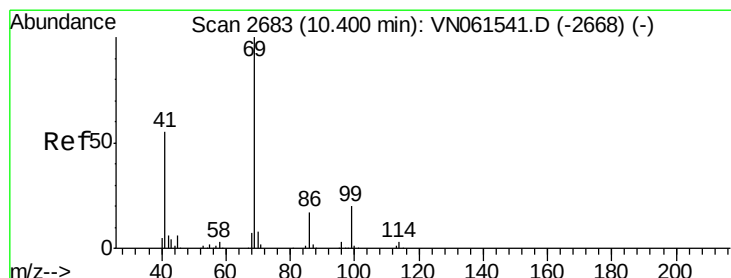
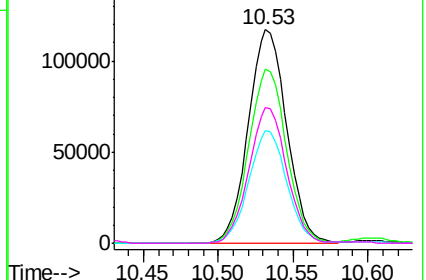
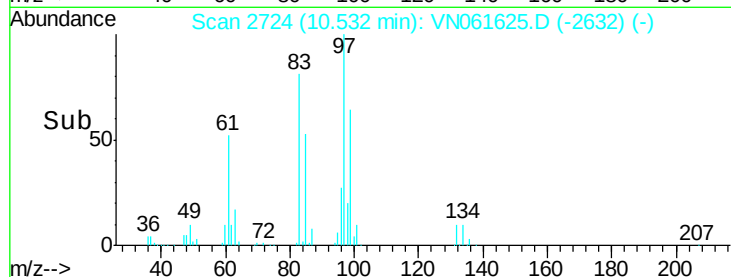


Abundance Ion 96.90 (96.60 to 97.60): VN0

Ion 82.90 (82.60 to 83.60): VN0

Ion 84.90 (84.60 to 85.60): VN0

Ion 98.90 (98.60 to 99.60): VN0



#56

Ethyl methacrylate

Concen: 47.368 ug/l

RT: 10.40 min Scan# 2683

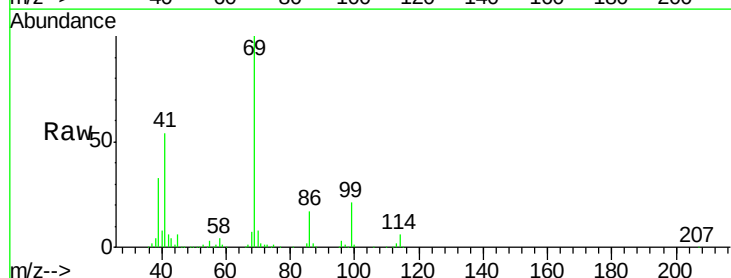
Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Tgt Ion: 69 Resp: 290730

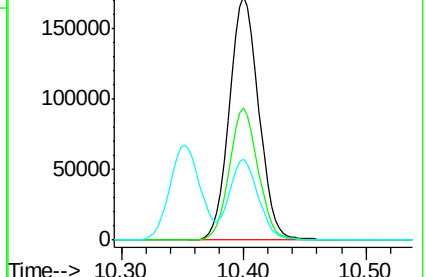
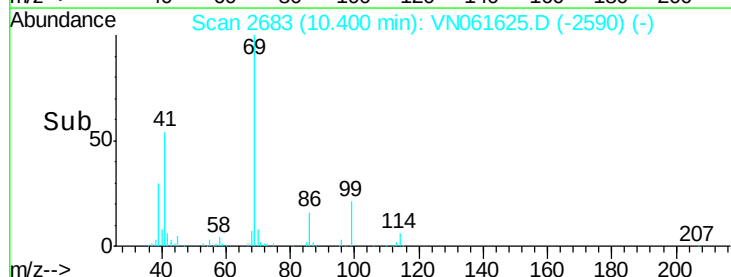
Ion	Ratio	Lower	Upper
69	100		
41	52.6	43.5	65.3
39	32.6	27.0	40.6

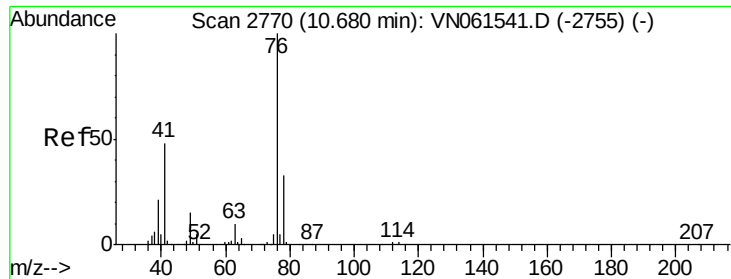


Abundance Ion 69.00 (68.70 to 69.70): VN0

Ion 41.00 (40.70 to 41.70): VN0

Ion 39.00 (38.70 to 39.70): VN0

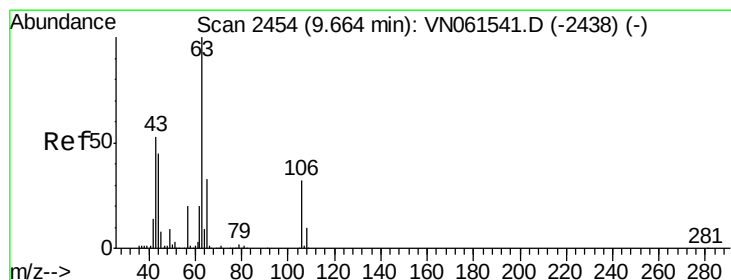
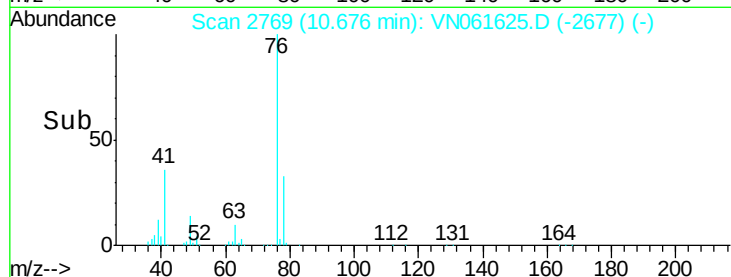
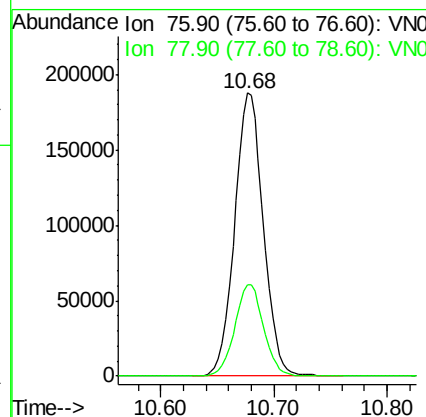
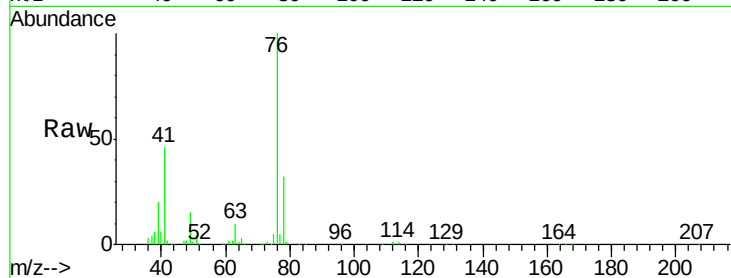




#57
 1,3-Dichloropropane
 Concen: 47.035 ug/l
 RT: 10.68 min Scan# 2769
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

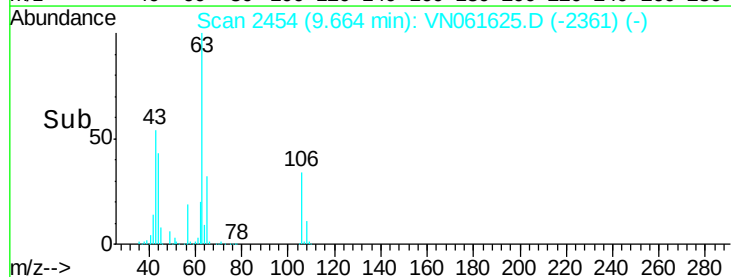
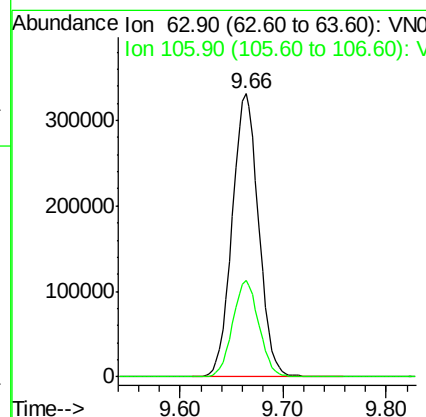
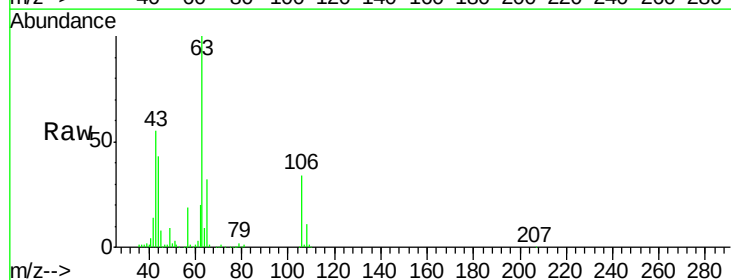
Instrument :
 MSVOA_N
 ClientSampled :

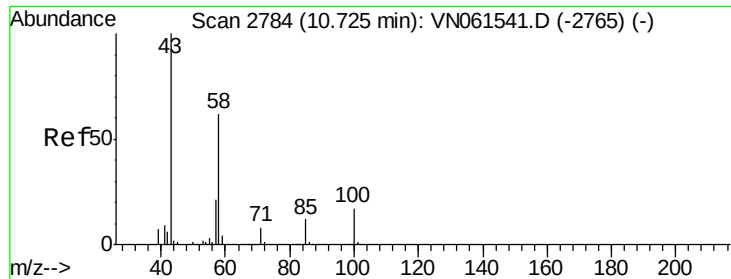
Tot Ion: 76 Resp: 330529
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.3 39.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 225.538 ug/l
 RT: 9.66 min Scan# 2454
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Tgt Ion: 63 Resp: 591569
 Ion Ratio Lower Upper
 63 100
 106 34.0 25.9 38.9

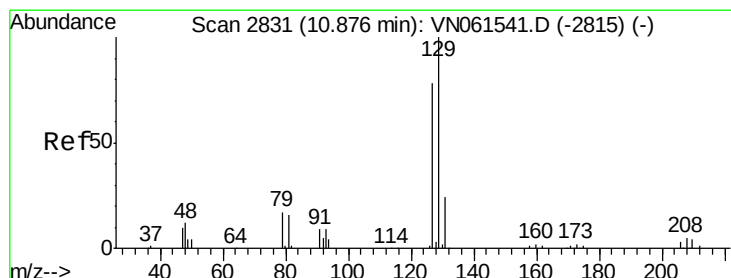
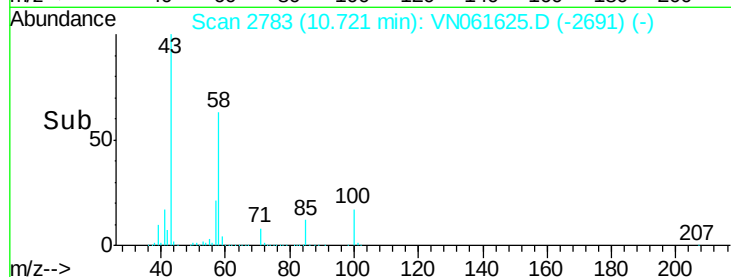
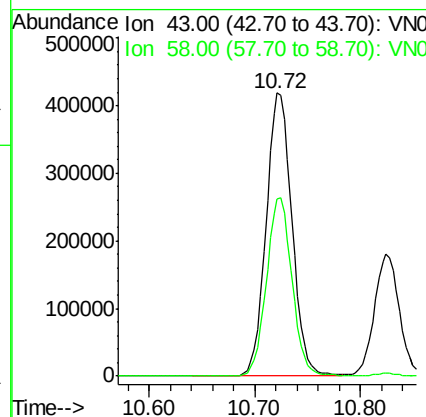
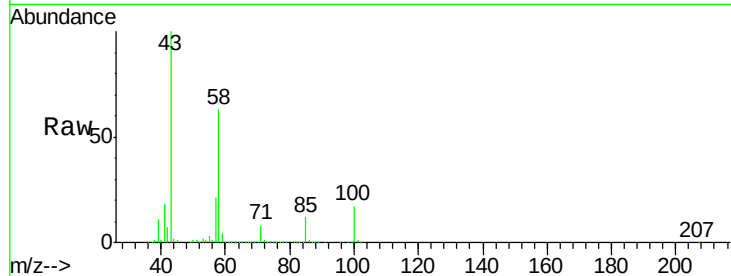




#59
2-Hexanone
Concen: 222.642 ug/l
RT: 10.72 min Scan# 2783
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

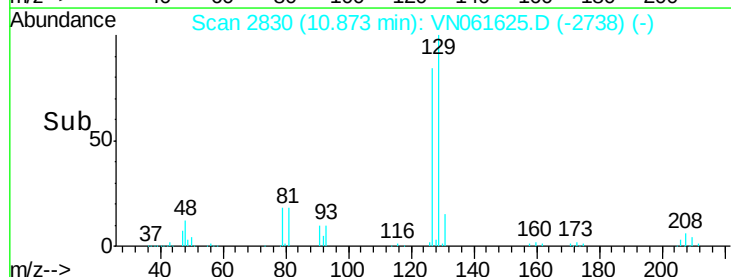
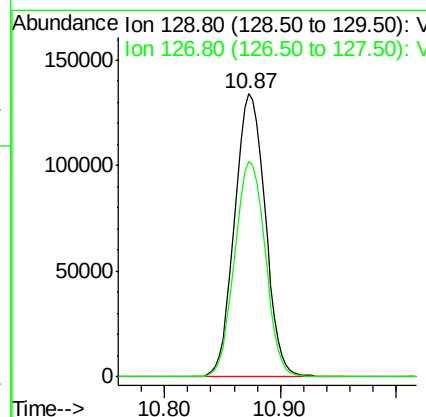
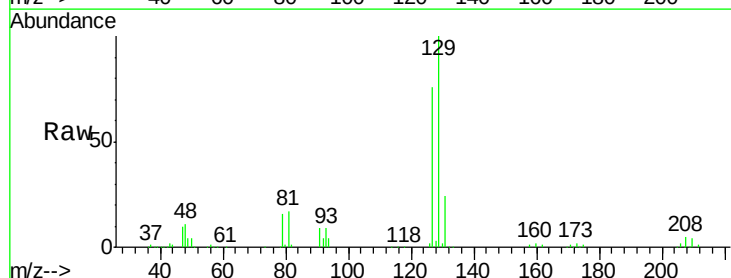
Instrument :
MSVOA_N
ClientSampled :

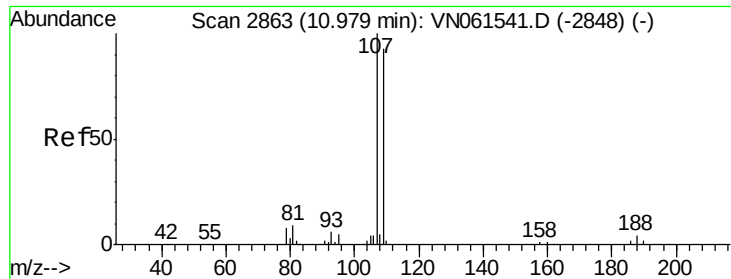
Tot Ion: 43 Resp: 715037
Ion Ratio Lower Upper
43 100
58 62.3 30.7 92.1



#60
Dibromochloromethane
Concen: 49.045 ug/l
RT: 10.87 min Scan# 2830
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion: 129 Resp: 244987
Ion Ratio Lower Upper
129 100
127 76.4 38.8 116.3





#61

1,2-Dibromoethane

Concen: 48.678 ug/l

RT: 10.98 min Scan# 2863

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

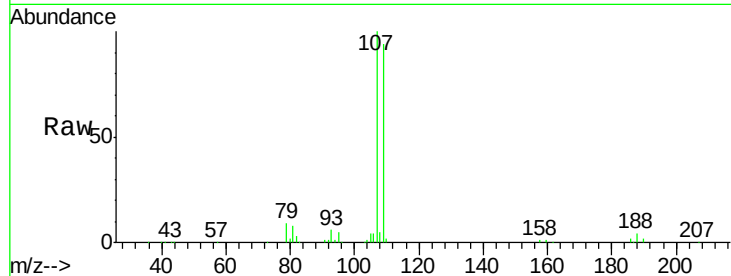
ClientSampled :

Tot Ion:107 Resp: 223065

Ion Ratio Lower Upper

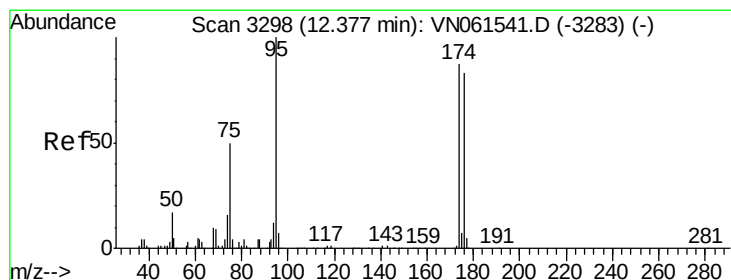
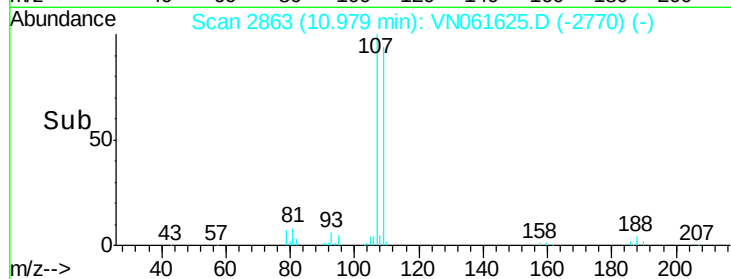
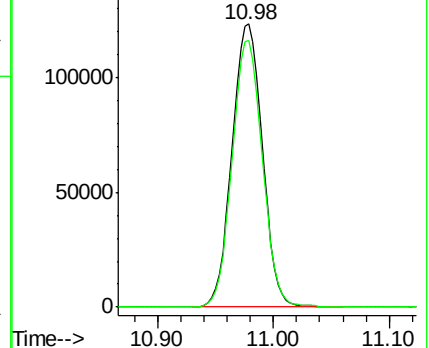
107 100

109 94.0 76.1 114.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 48.348 ug/l

RT: 12.37 min Scan# 3297

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

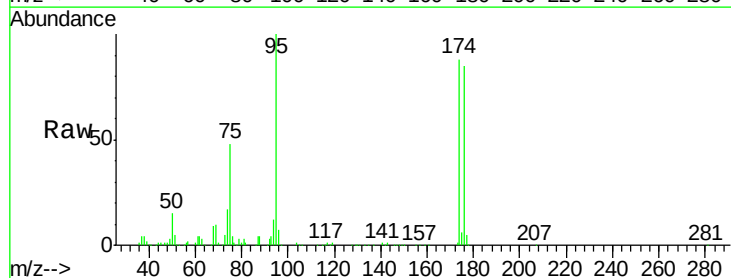
Tgt Ion: 95 Resp: 256515

Ion Ratio Lower Upper

95 100

174 87.8 0.0 172.8

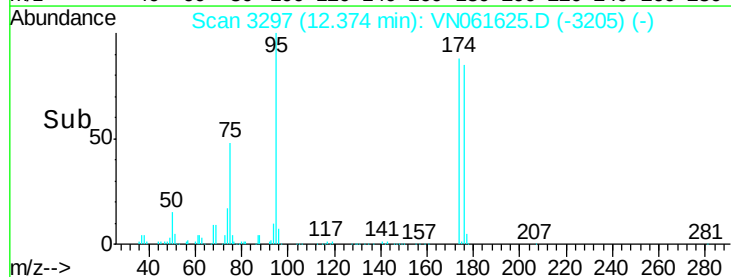
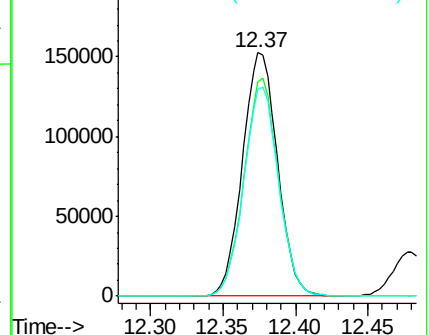
176 85.5 0.0 164.8

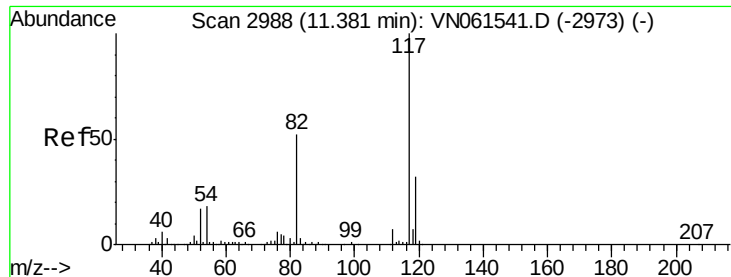


Abundance Ion 94.90 (94.60 to 95.60): V

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

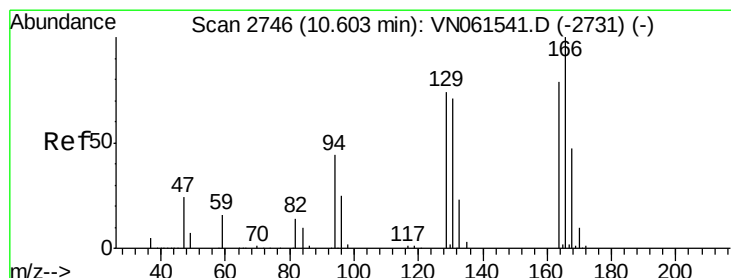
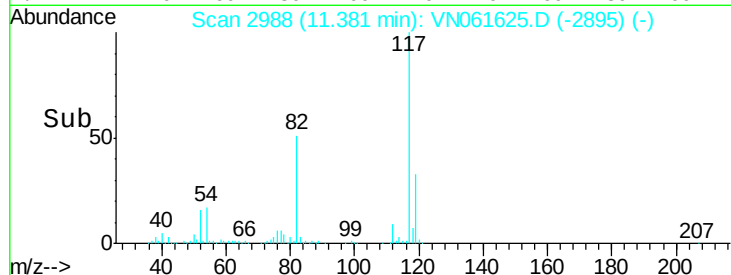
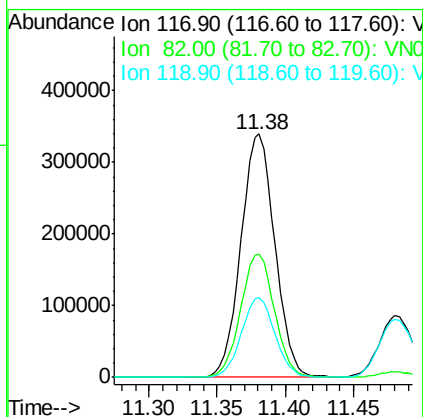
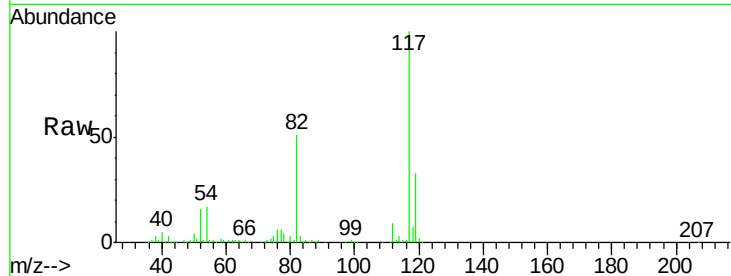




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 2988
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

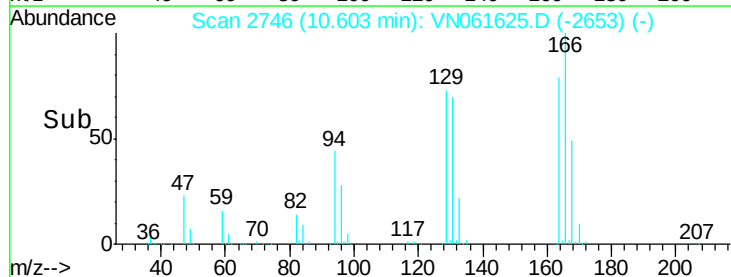
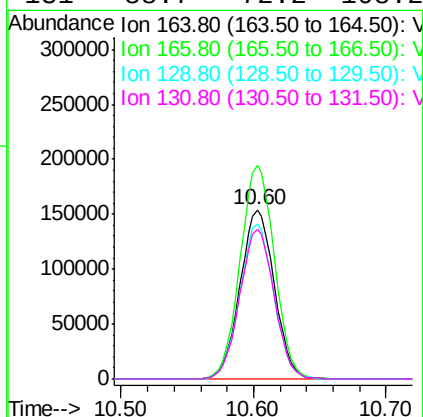
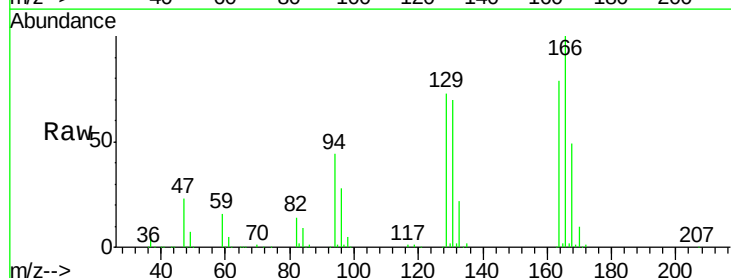
Instrument :
MSVOA_N
ClientSampleId :

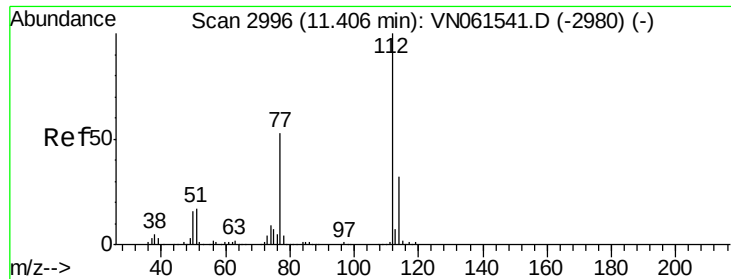
Tot Ion:117 Resp: 587190
Ion Ratio Lower Upper
117 100
82 50.8 41.5 62.3
119 32.7 25.6 38.4



#64
Tetrachloroethene
Concen: 49.831 ug/l
RT: 10.60 min Scan# 2746
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion:164 Resp: 275430
Ion Ratio Lower Upper
164 100
166 126.2 101.5 152.3
129 91.9 74.9 112.3
131 88.7 72.2 108.2





#65

Chlorobenzene

Concen: 47.692 ug/l

RT: 11.41 min Scan# 2996

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

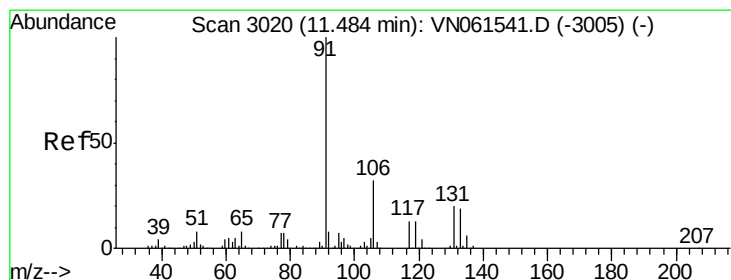
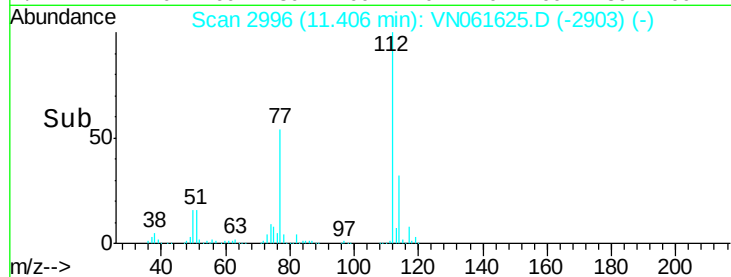
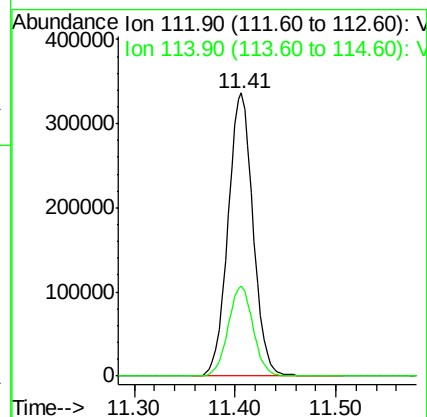
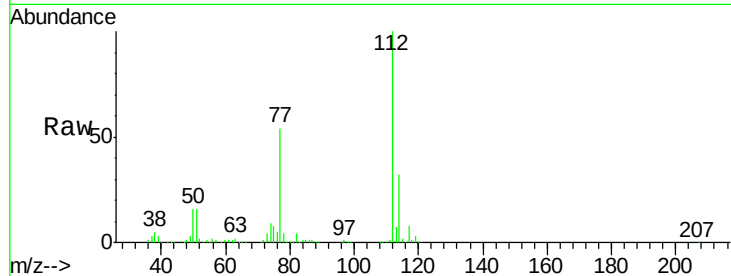
ClientSampled :

Tot Ion:112 Resp: 582100

Ion Ratio Lower Upper

112 100

114 31.9 25.7 38.5



#66

1,1,1,2-Tetrachloroethane

Concen: 48.710 ug/l

RT: 11.48 min Scan# 3019

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

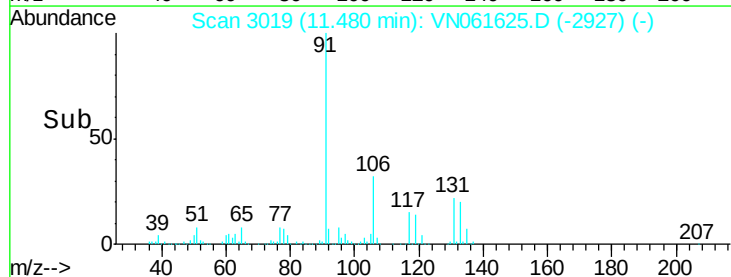
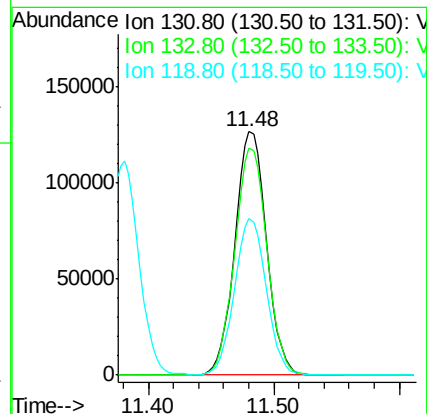
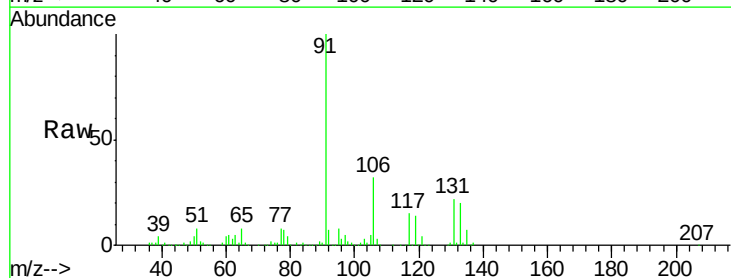
Tgt Ion:131 Resp: 221371

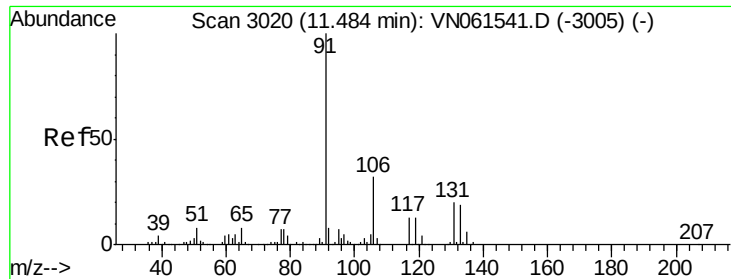
Ion Ratio Lower Upper

131 100

133 95.0 47.4 142.2

119 64.7 32.6 97.8

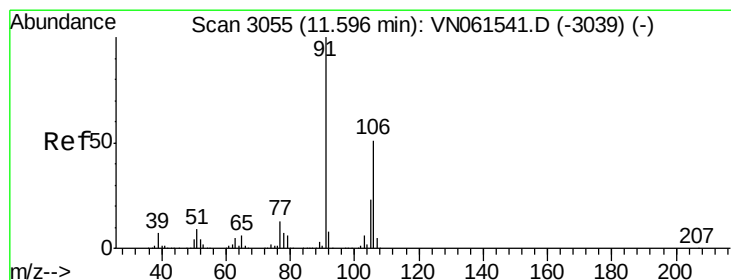
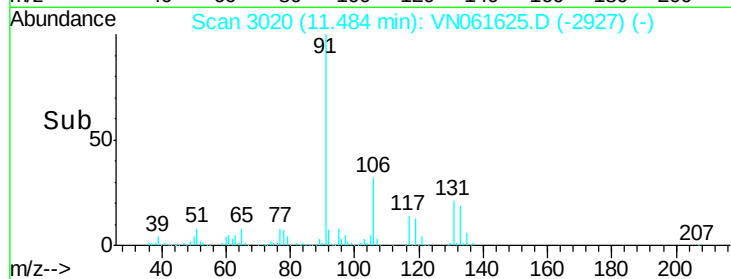
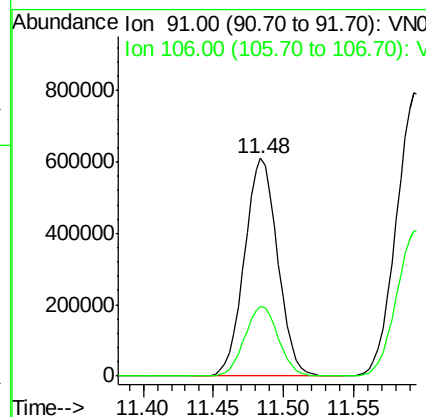
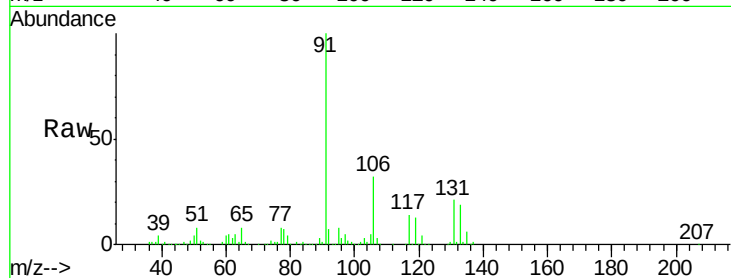




#67
Ethyl Benzene
Concen: 47.756 ug/l
RT: 11.48 min Scan# 3020
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

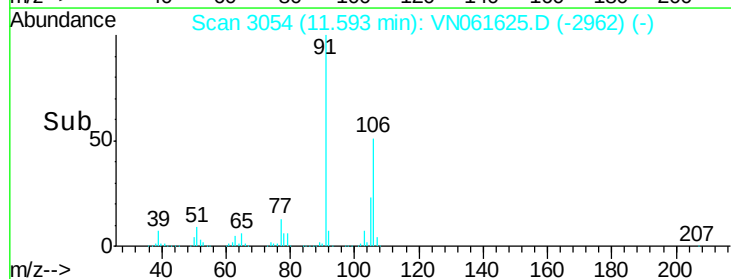
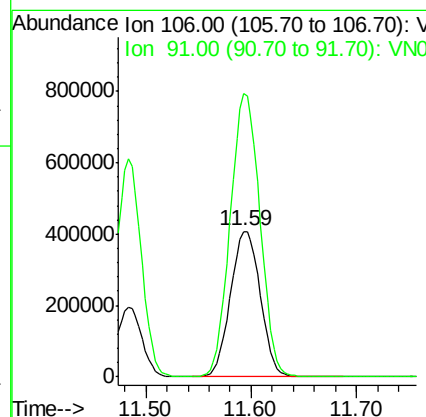
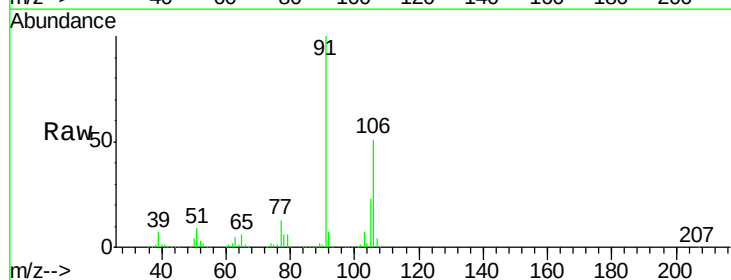
Instrument :
MSVOA_N
ClientSampled :

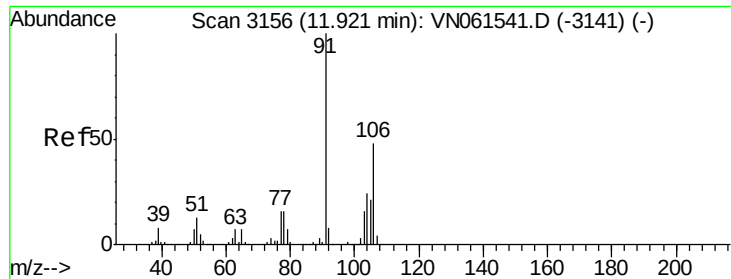
Tot Ion: 91 Resp: 1007463
Ion Ratio Lower Upper
91 100
106 32.0 25.6 38.4



#68
m/p-Xylenes
Concen: 95.366 ug/l
RT: 11.59 min Scan# 3054
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion: 106 Resp: 797699
Ion Ratio Lower Upper
106 100
91 193.9 156.2 234.4

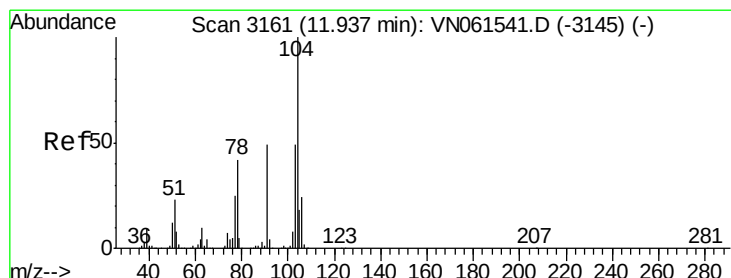
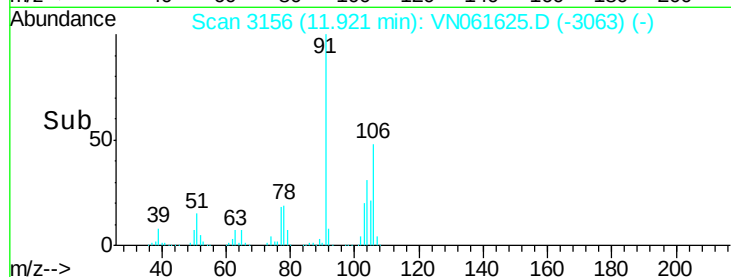
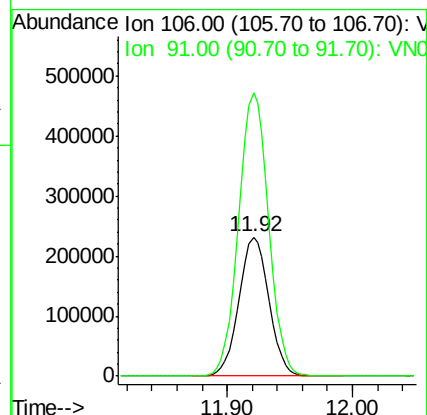
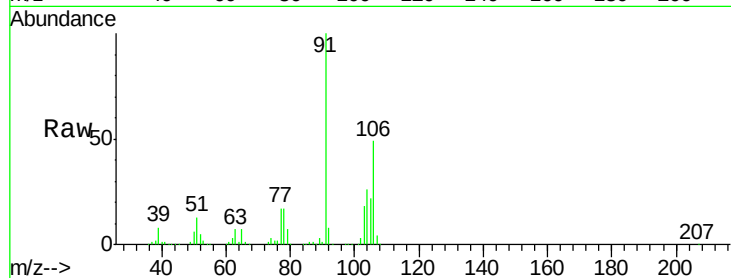




#69
o-Xylene
Concen: 48.341 ug/l
RT: 11.92 min Scan# 3156
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

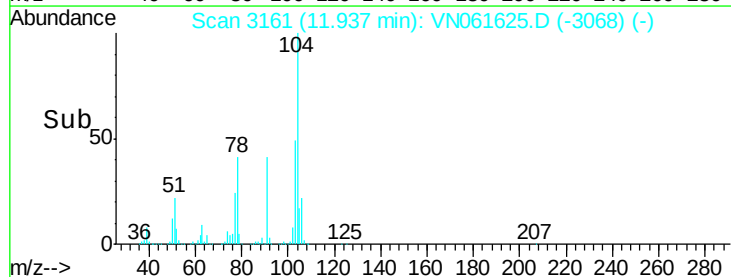
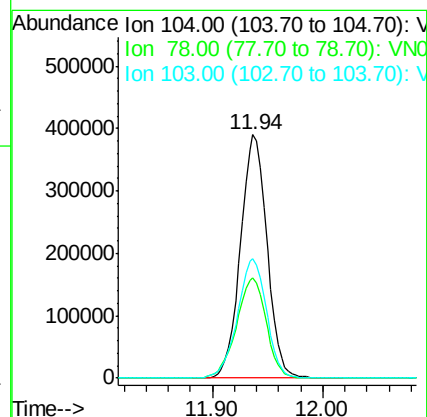
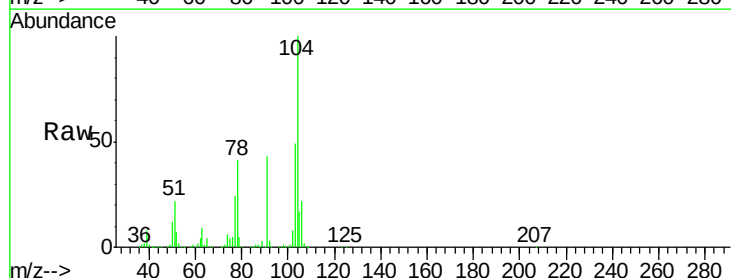
Instrument :
MSVOA_N
ClientSampled :

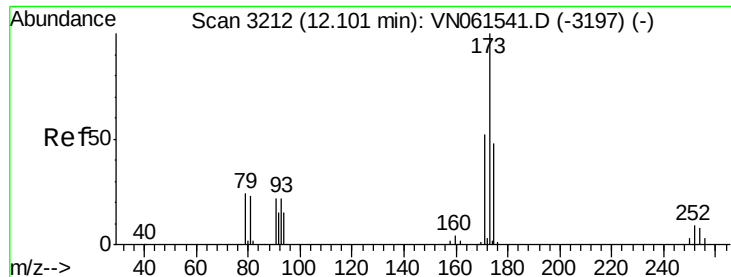
Tot Ion:106 Resp: 384054
Ion Ratio Lower Upper
106 100
91 204.3 103.3 309.8



#70
Styrene
Concen: 49.560 ug/l
RT: 11.94 min Scan# 3161
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion:104 Resp: 652055
Ion Ratio Lower Upper
104 100
78 46.1 37.4 56.0
103 53.5 42.3 63.5





#71

Bromoform

Concen: 49.275 ug/l

RT: 12.10 min Scan# 3212

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

ClientSampleId :

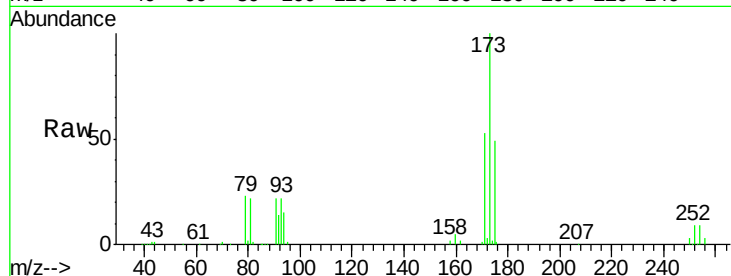
Tot Ion:173 Resp: 172562

Ion Ratio Lower Upper

173 100

175 48.7 24.4 73.2

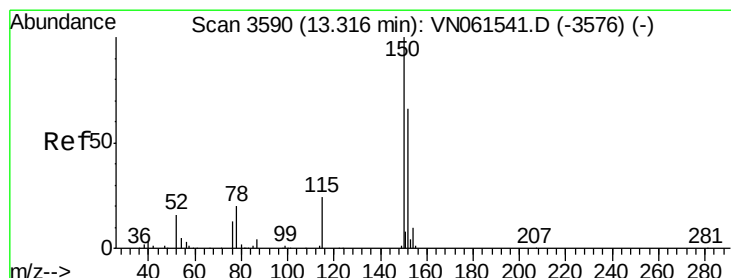
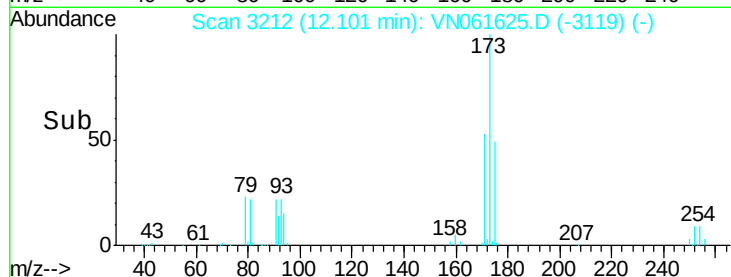
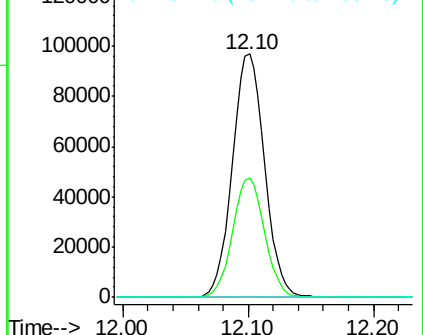
254 0.0 0.0 0.0#



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: VN061625.D

Acq: 2 Jun 2020 17:59

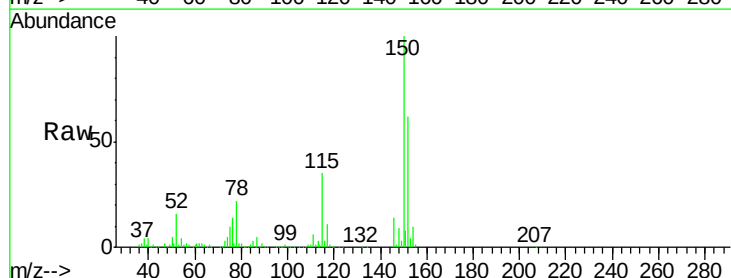
Tgt Ion:152 Resp: 304956

Ion Ratio Lower Upper

152 100

115 55.0 28.0 84.0

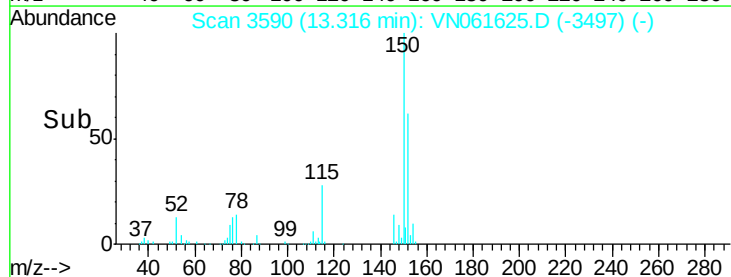
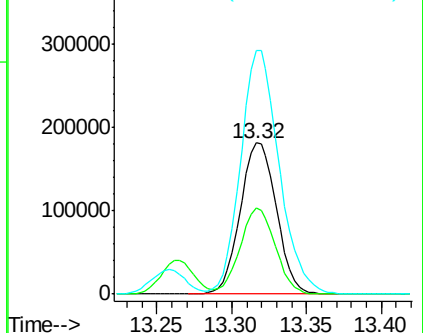
150 171.7 0.0 344.0

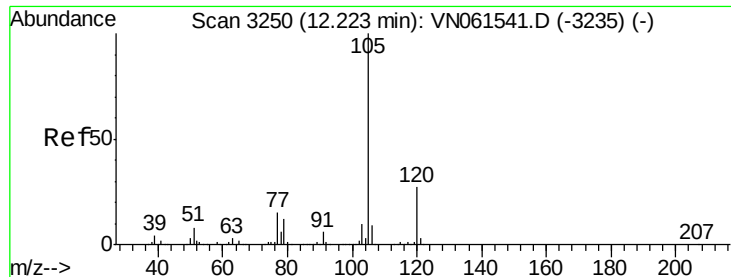


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.313 ug/l

RT: 12.22 min Scan# 3250

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

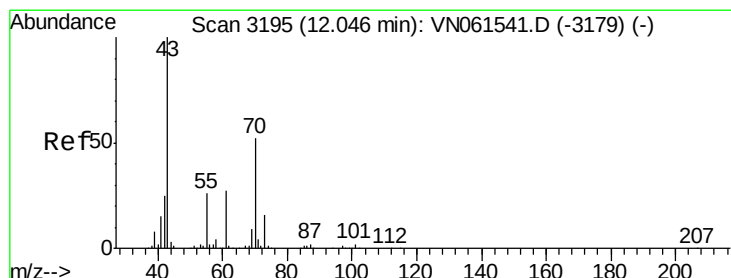
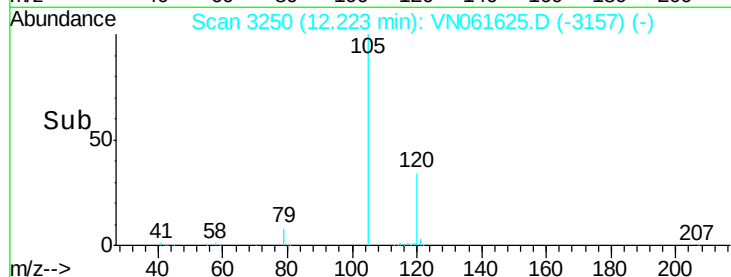
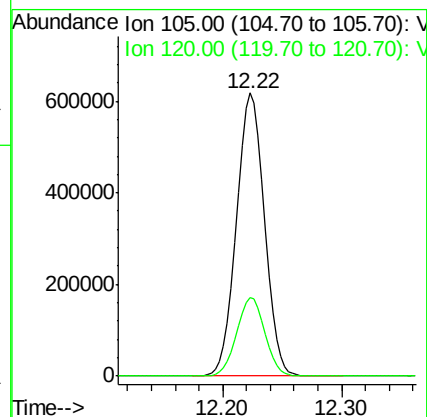
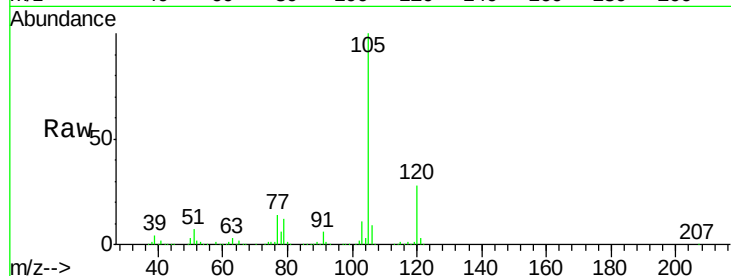
ClientSampleId :

Tot Ion:105 Resp: 1008576

Ion Ratio Lower Upper

105 100

120 27.9 13.8 41.3



#74

N-ethyl acetate

Concen: 43.680 ug/l

RT: 12.04 min Scan# 3194

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Tgt Ion: 43 Resp: 306177

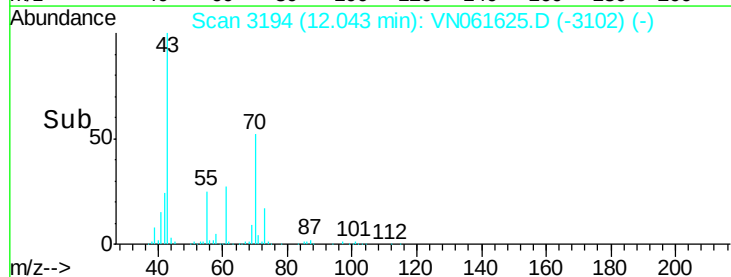
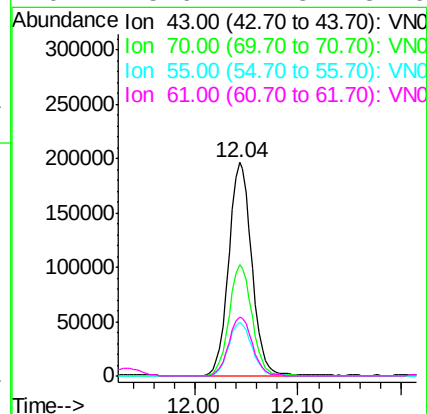
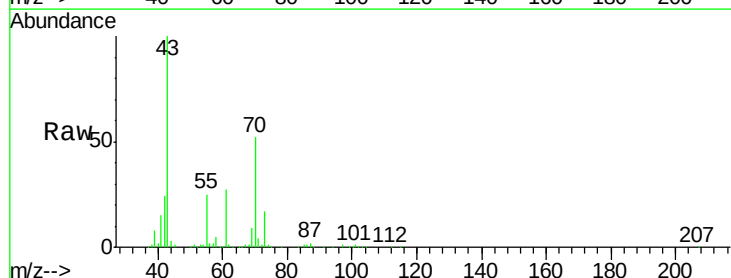
Ion Ratio Lower Upper

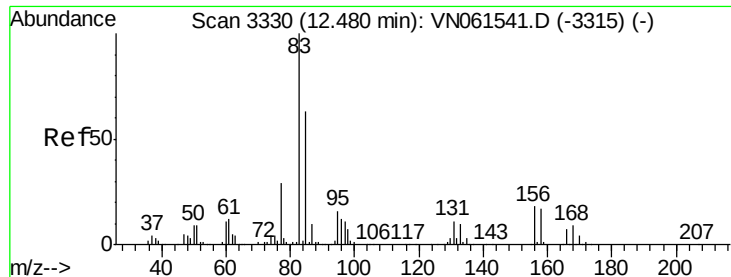
43 100

70 52.0 40.5 60.7

55 25.8 20.6 31.0

61 28.6 21.8 32.6





#75

1,1,2,2-Tetrachloroethane

Concen: 42.420 ug/l

RT: 12.48 min Scan# 3329

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

ClientSampled :

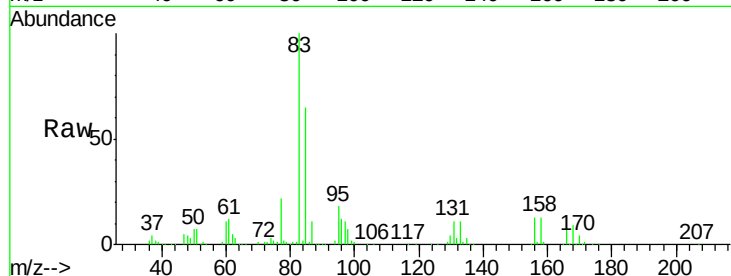
Tot Ion: 83 Resp: 264591

Ion Ratio Lower Upper

83 100

131 11.1 5.5 16.5

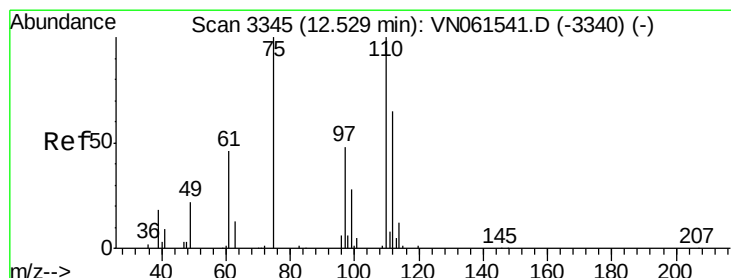
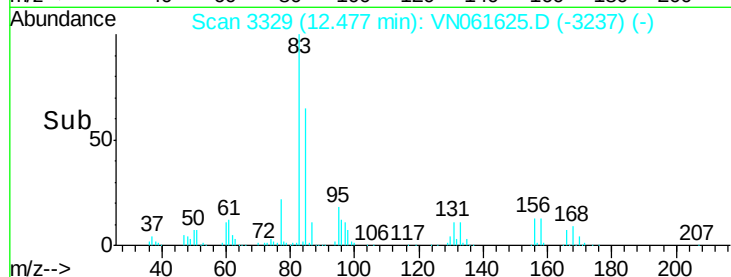
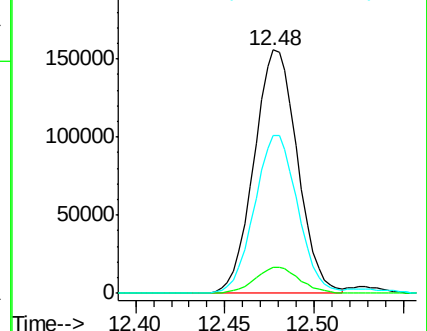
85 64.6 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VN061541.D (-3315) (-)

Ion 130.80 (130.50 to 131.50): VN061541.D (-3315) (-)

Ion 84.90 (84.60 to 85.60): VN061541.D (-3315) (-)



#76

1,2,3-Trichloropropane

Concen: 63.494 ug/l

RT: 12.53 min Scan# 3345

Delta R.T. -0.00 min

Lab File: VN061625.D

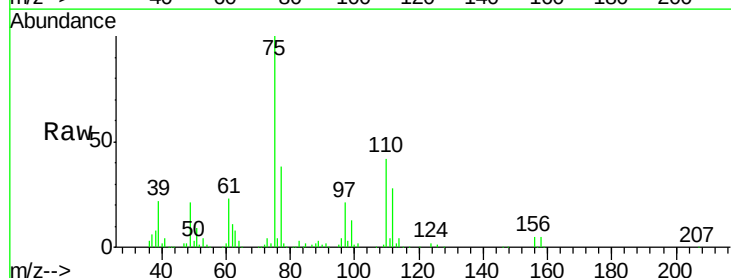
Acq: 2 Jun 2020 17:59

Tgt Ion: 75 Resp: 352090

Ion Ratio Lower Upper

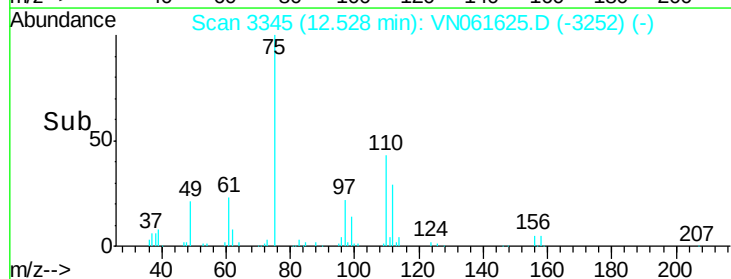
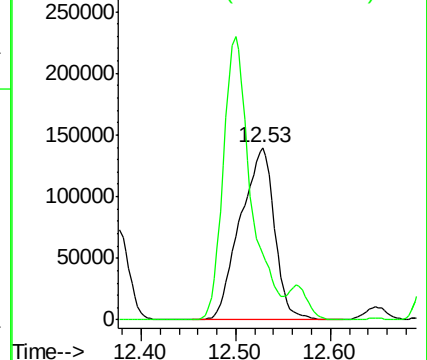
75 100

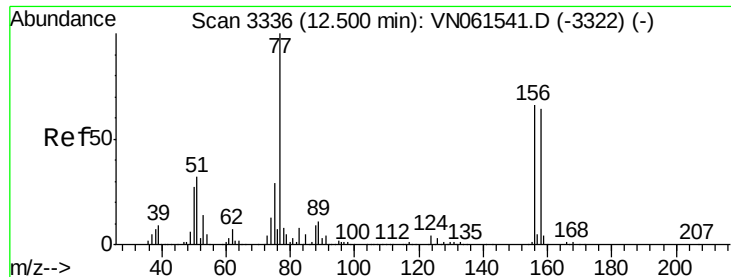
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061541.D (-3340) (-)

Ion 77.00 (76.70 to 77.70): VN061541.D (-3340) (-)

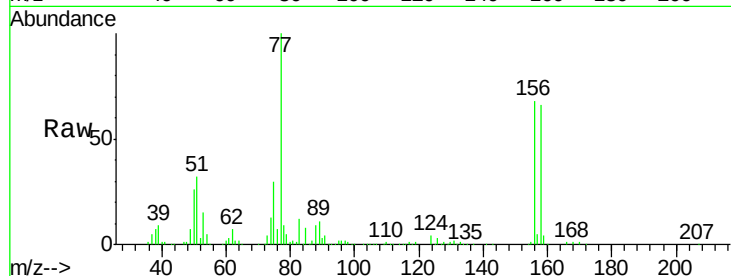




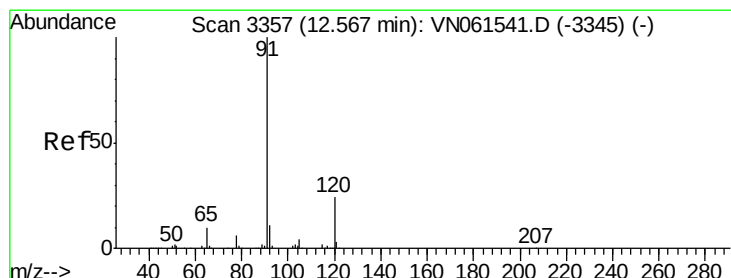
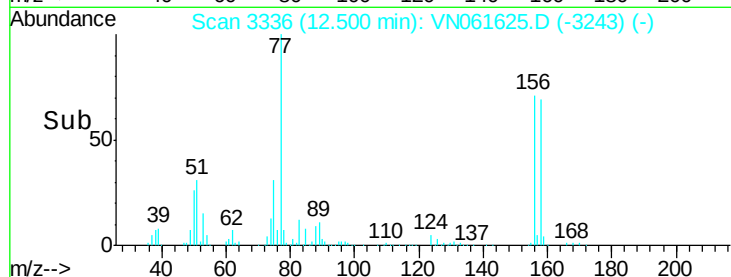
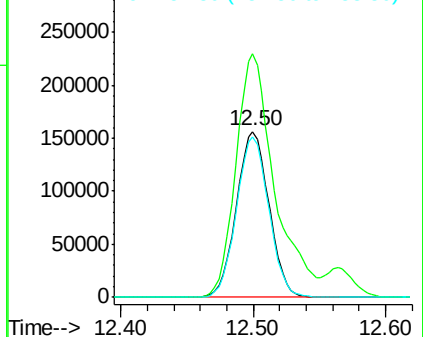
#77
Bromobenzene
Concen: 46.989 ug/l
RT: 12.50 min Scan# 3336
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:156 Resp: 266965
Ion Ratio Lower Upper
156 100
77 175.3 90.9 272.7
158 96.4 48.4 145.3

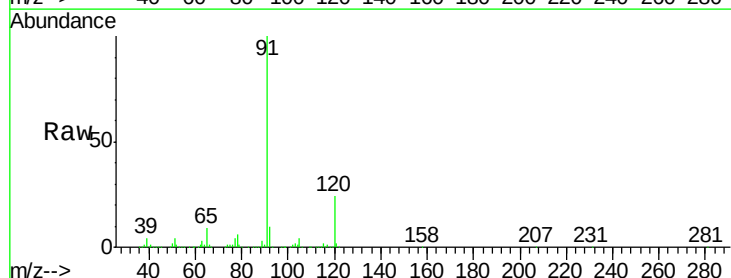


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN0
Ion 157.80 (157.50 to 158.50): V

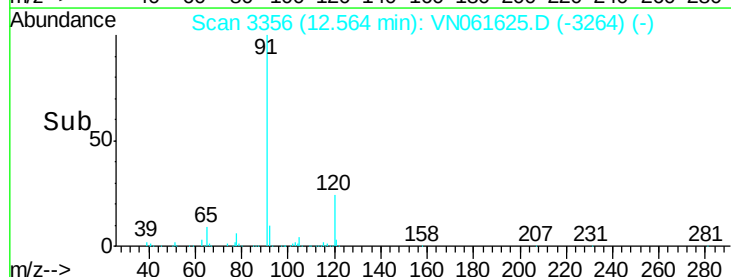
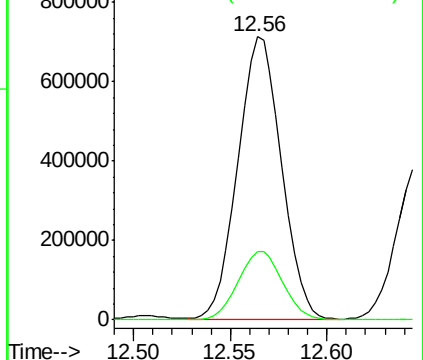


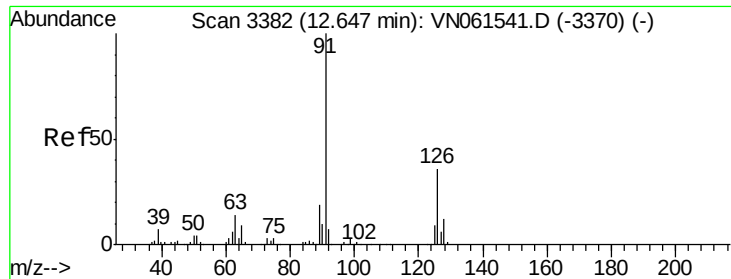
#78
n-propylbenzene
Concen: 44.721 ug/l
RT: 12.56 min Scan# 3356
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion: 91 Resp: 1111230
Ion Ratio Lower Upper
91 100
120 24.9 12.3 36.9



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

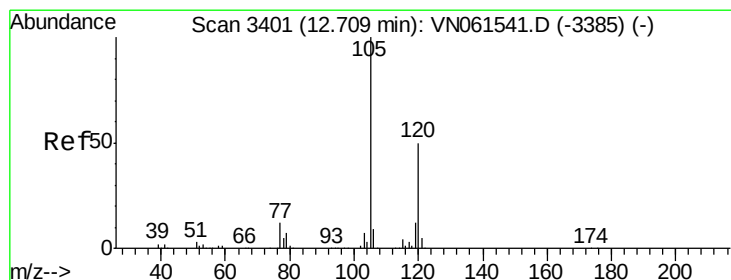
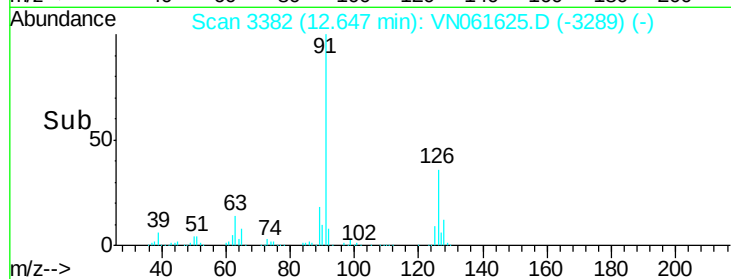
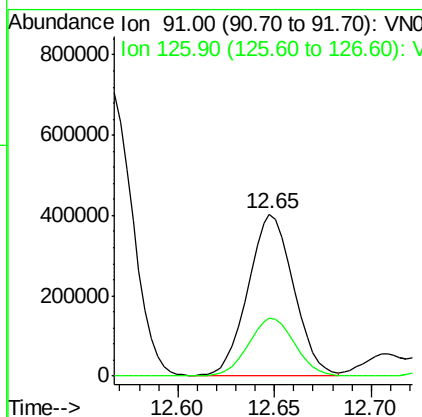
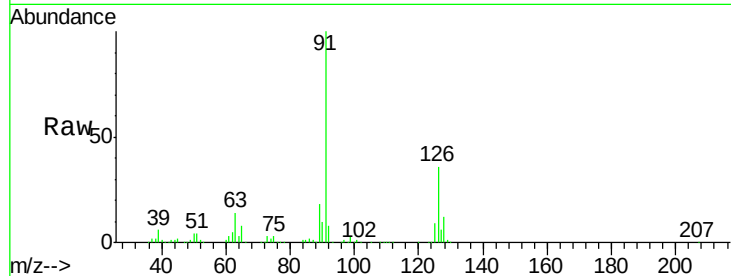




#79
 2-Chlorotoluene
 Concen: 44.241 ug/l
 RT: 12.65 min Scan# 3382
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

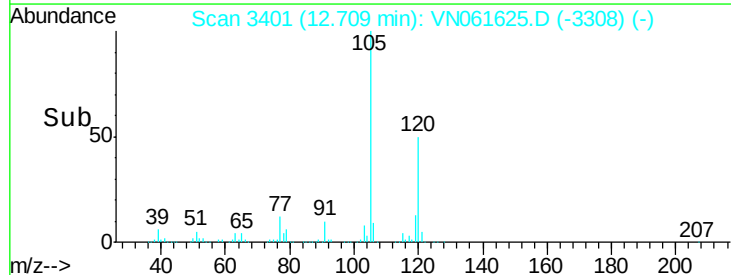
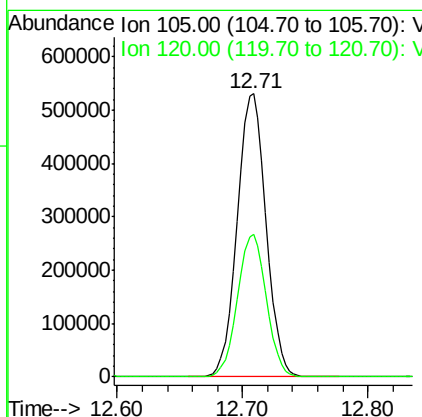
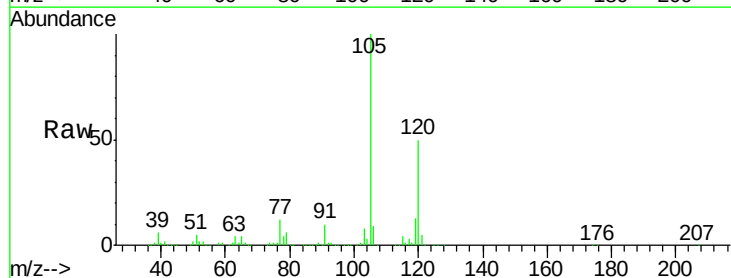
Instrument :
 MSVOA_N
 ClientSampled :

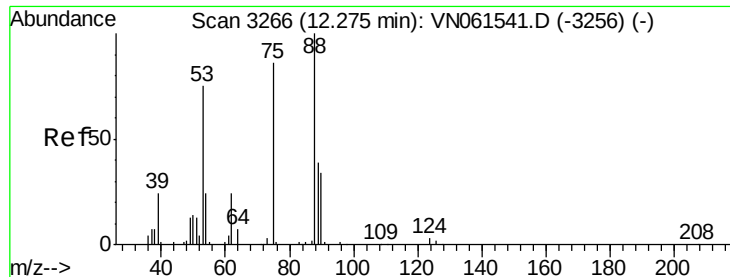
Tot Ion: 91 Resp: 655491
 Ion Ratio Lower Upper
 91 100
 126 36.8 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 45.405 ug/l
 RT: 12.71 min Scan# 3401
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Tgt Ion: 105 Resp: 844697
 Ion Ratio Lower Upper
 105 100
 120 50.4 25.1 75.2

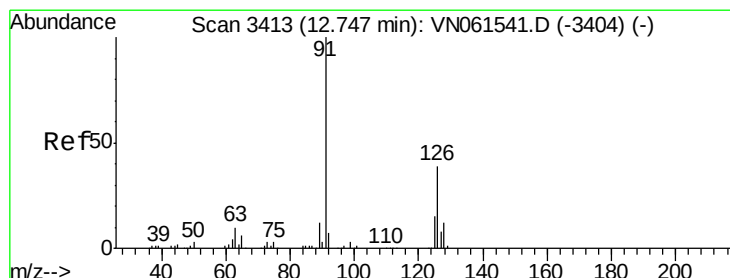
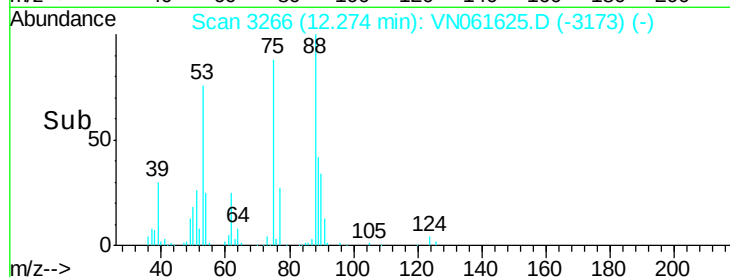
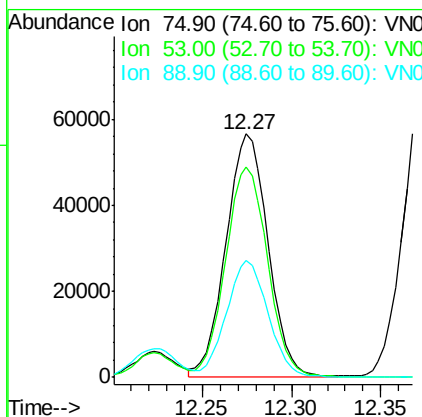
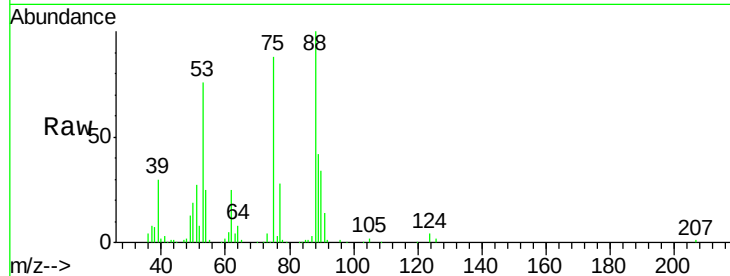




#81
trans-1,4-Dichloro-2-butene
Concen: 42.896 ug/l
RT: 12.27 min Scan# 3266
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

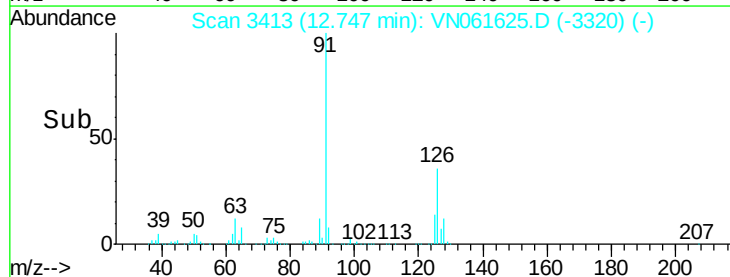
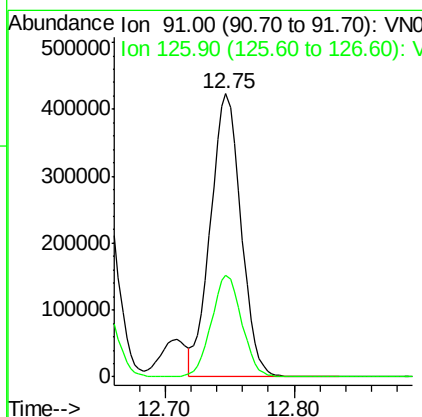
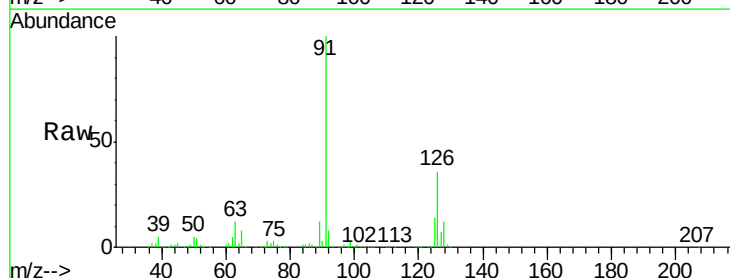
Instrument :
MSVOA_N
ClientSampled :

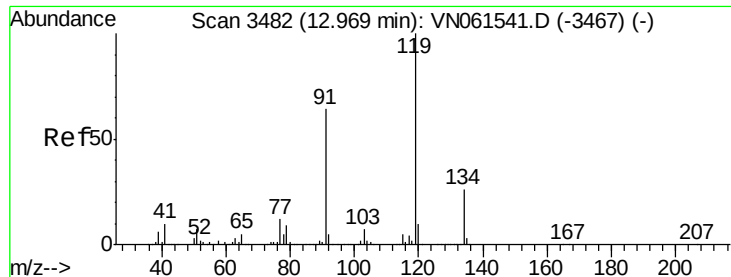
Tot Ion: 75 Resp: 93018
Ion Ratio Lower Upper
75 100
53 87.1 67.8 101.8
89 47.6 37.1 55.7



#82
4-Chlorotoluene
Concen: 44.490 ug/l
RT: 12.75 min Scan# 3413
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion: 91 Resp: 693467
Ion Ratio Lower Upper
91 100
126 35.6 17.5 52.6

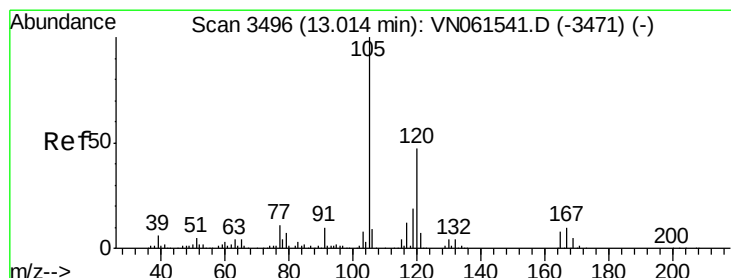
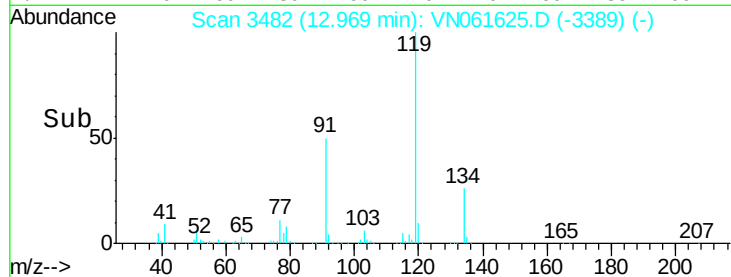
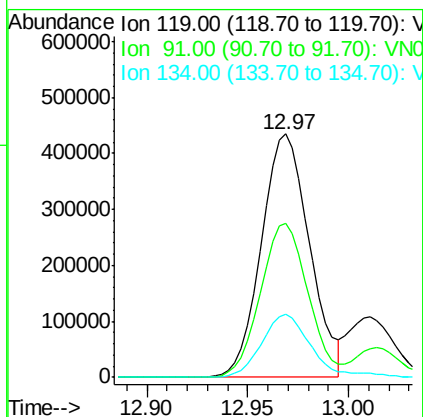
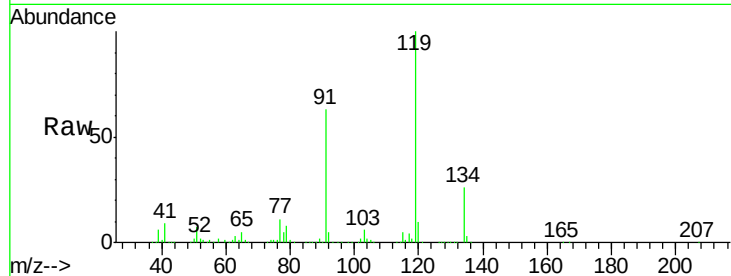




#83
 tert-Butylbenzene
 Concen: 43.943 ug/l
 RT: 12.97 min Scan# 3482
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

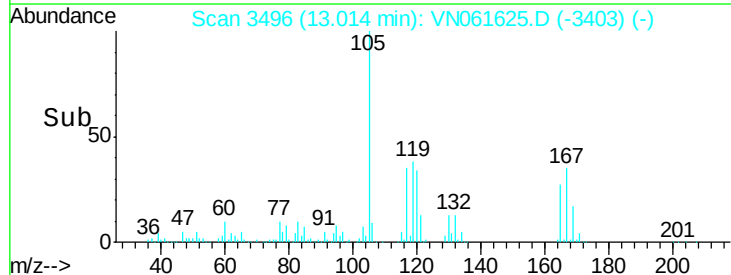
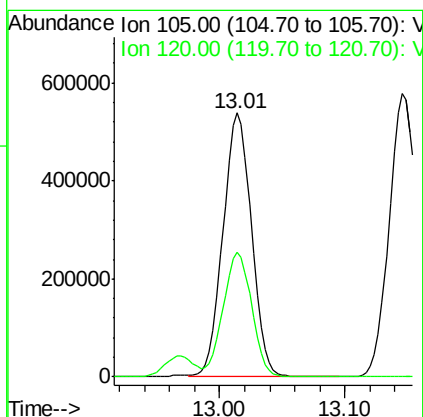
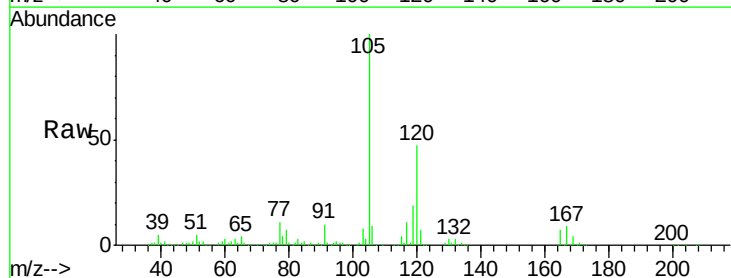
Instrument :
 MSVOA_N
 ClientSampleId :

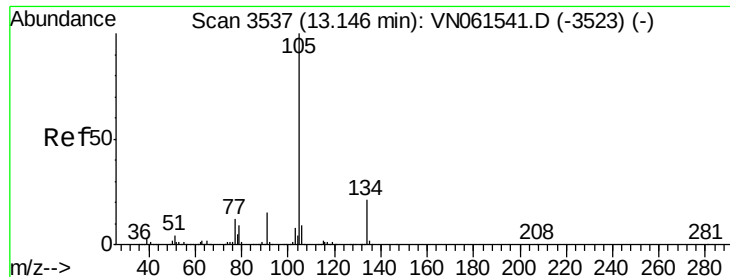
Tot Ion:119 Resp: 722285
 Ion Ratio Lower Upper
 119 100
 91 62.8 31.3 93.8
 134 26.8 13.5 40.4



#84
 1,2,4-Trimethylbenzene
 Concen: 45.754 ug/l
 RT: 13.01 min Scan# 3496
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Tgt Ion:105 Resp: 845596
 Ion Ratio Lower Upper
 105 100
 120 47.5 23.2 69.5





#85

sec-Butylbenzene

Concen: 43.040 ug/l

RT: 13.15 min Scan# 3537

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

Instrument :

MSVOA_N

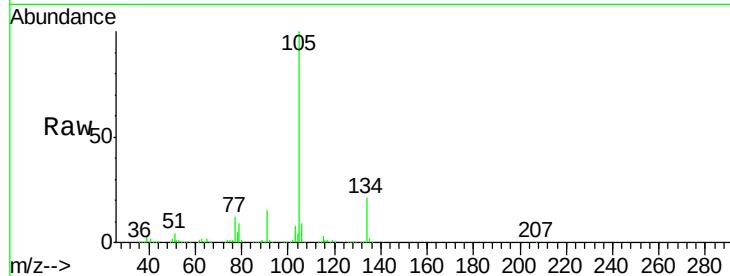
ClientSampled :

Tot Ion:105 Resp: 911600

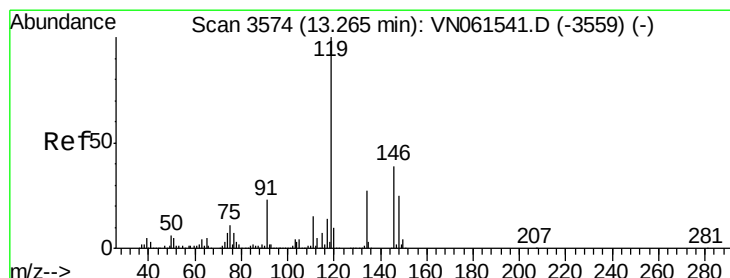
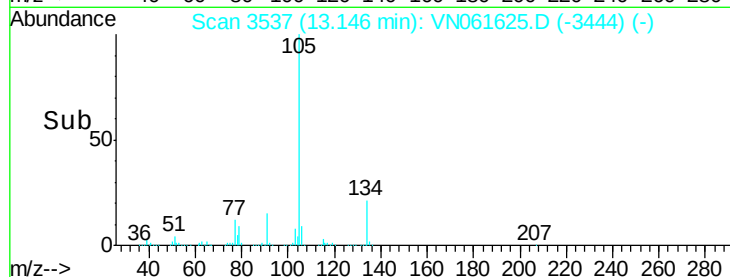
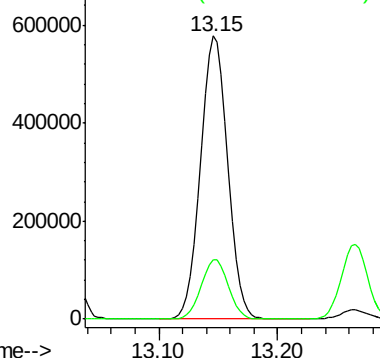
Ion Ratio Lower Upper

105 100

134 21.1 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: 44.048 ug/l

RT: 13.26 min Scan# 3574

Delta R.T. -0.00 min

Lab File: VN061625.D

Acq: 2 Jun 2020 17:59

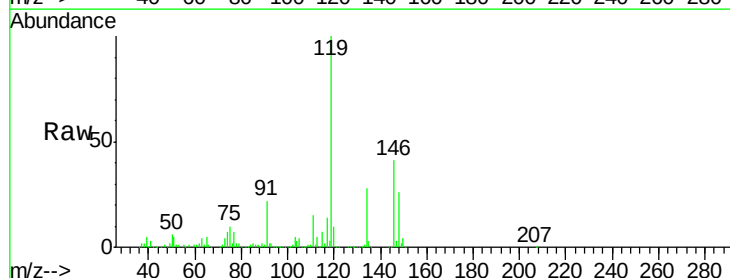
Tgt Ion:119 Resp: 859167

Ion Ratio Lower Upper

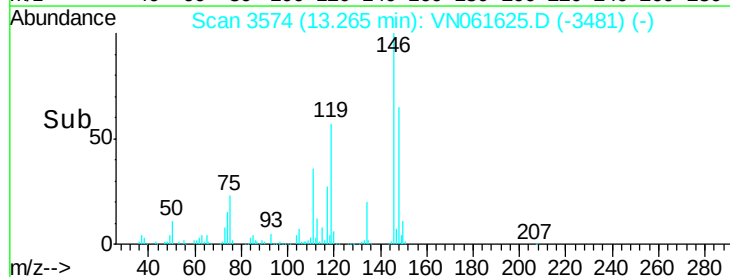
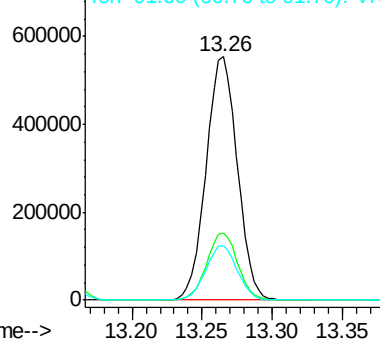
119 100

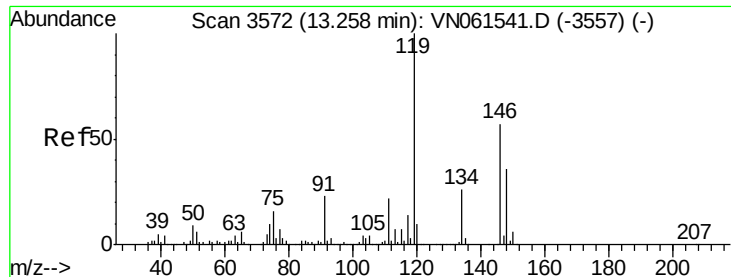
134 27.3 13.5 40.5

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

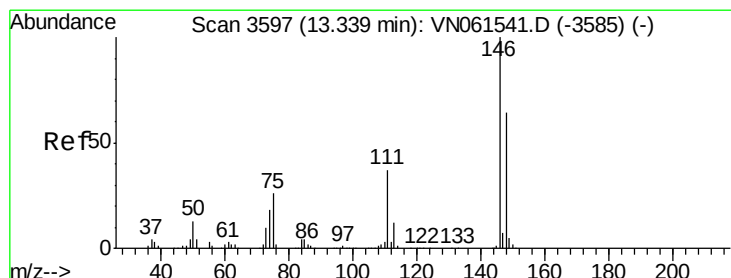
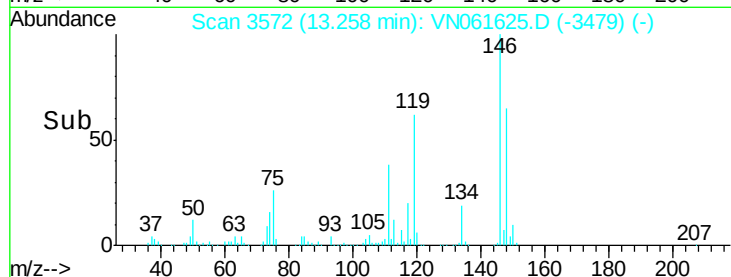
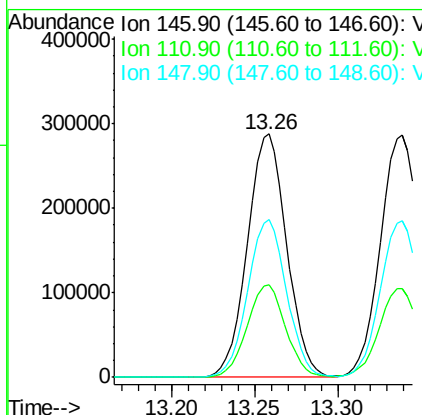
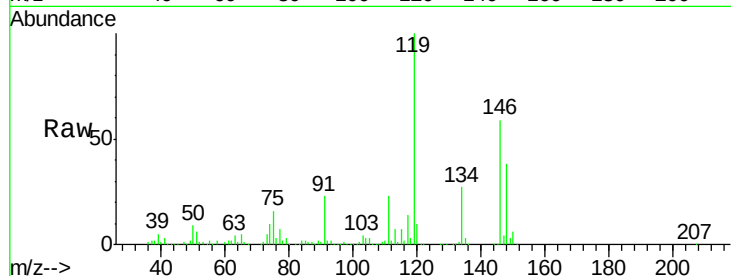




#87
 1,3-Dichlorobenzene
 Concen: 47.139 ug/l
 RT: 13.26 min Scan# 3572
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

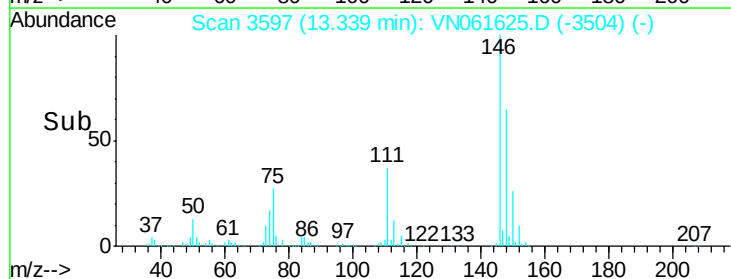
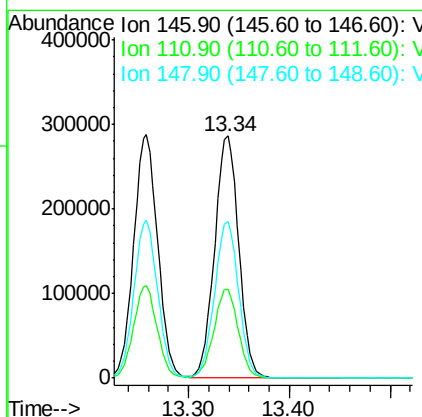
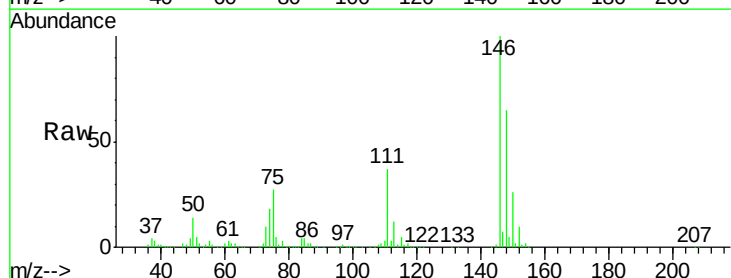
Instrument :
 MSVOA_N
 ClientSampleId :

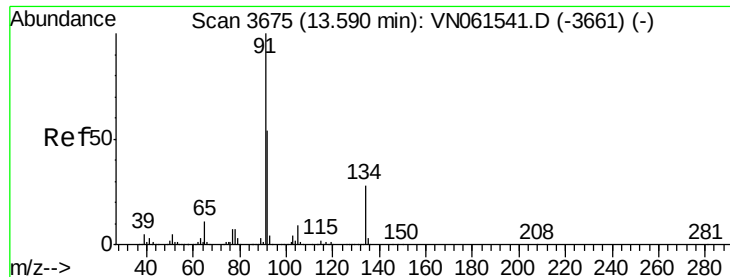
Tot Ion:146 Resp: 474259
 Ion Ratio Lower Upper
 146 100
 111 37.4 19.2 57.6
 148 64.2 31.7 95.1



#88
 1,4-Dichlorobenzene
 Concen: 46.639 ug/l
 RT: 13.34 min Scan# 3597
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Tgt Ion:146 Resp: 478006
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.9 56.9
 148 64.6 31.8 95.3

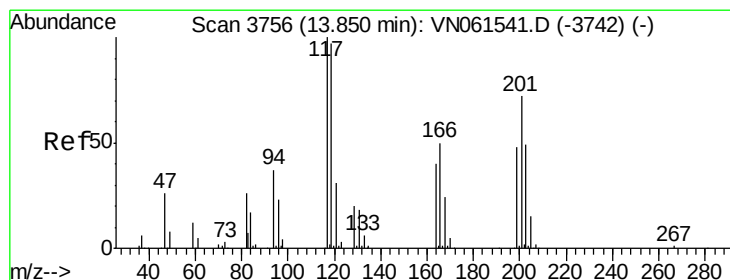
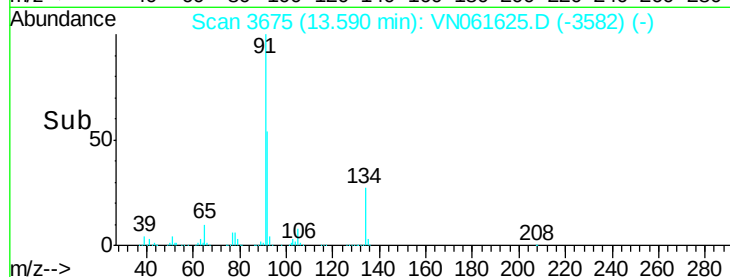
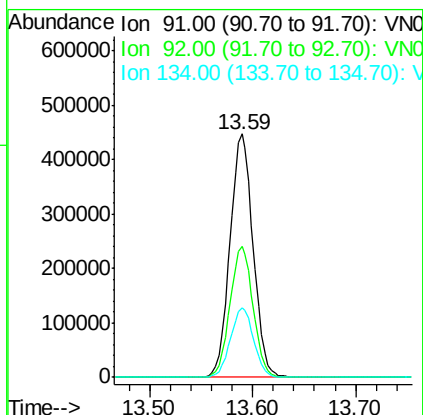
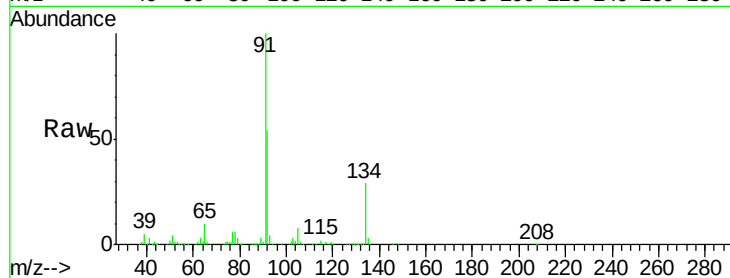




#89
n-Butylbenzene
Concen: 42.790 ug/l
RT: 13.59 min Scan# 3675
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

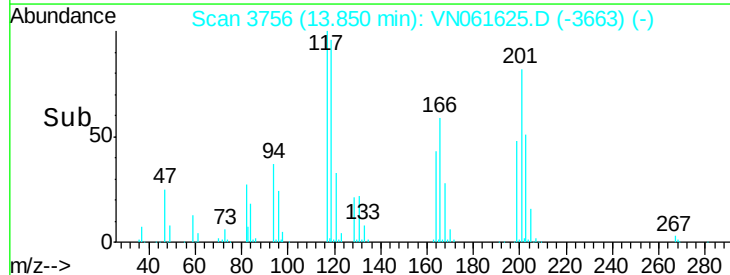
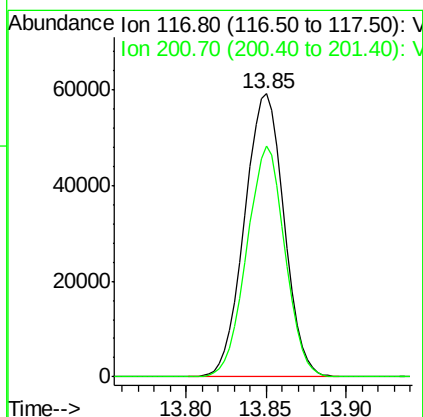
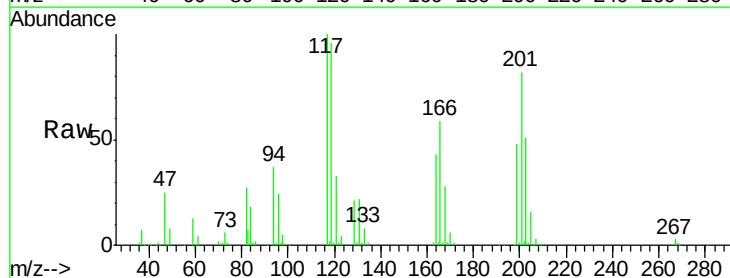
Instrument :
MSVOA_N
ClientSampled :

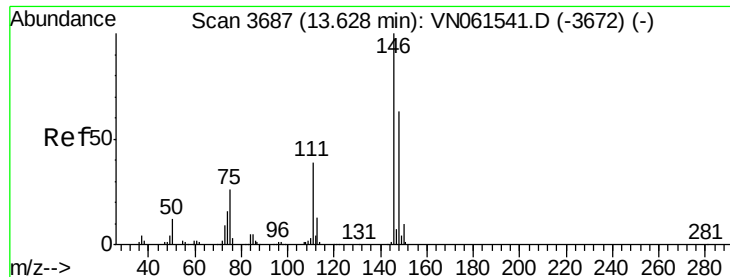
Tot Ion: 91 Resp: 699083
Ion Ratio Lower Upper
91 100
92 53.8 27.2 81.6
134 28.7 14.0 42.0



#90
Hexachloroethane
Concen: 46.414 ug/l
RT: 13.85 min Scan# 3756
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion: 117 Resp: 100120
Ion Ratio Lower Upper
117 100
201 78.4 36.7 110.1

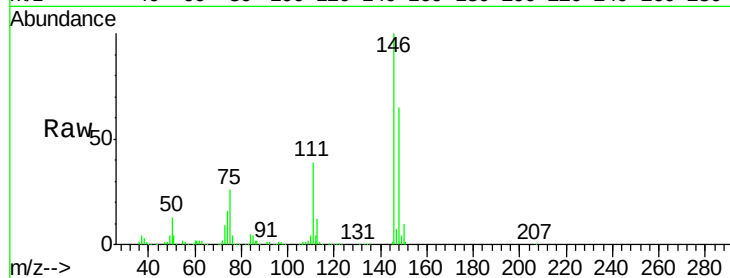




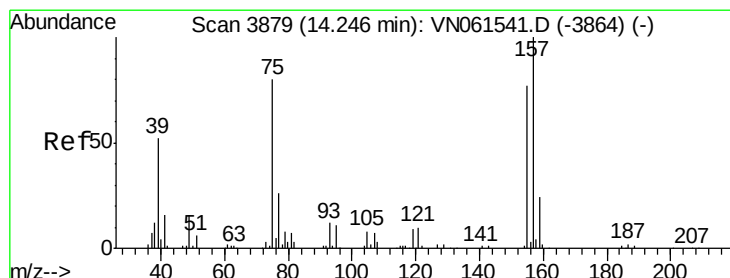
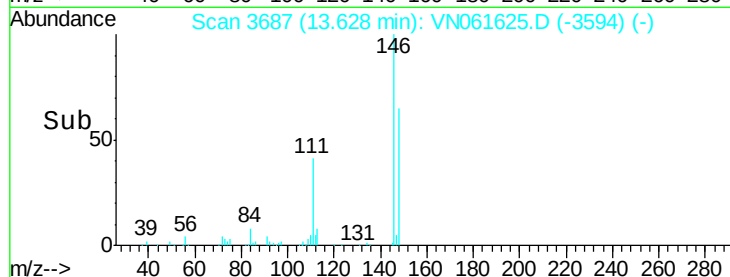
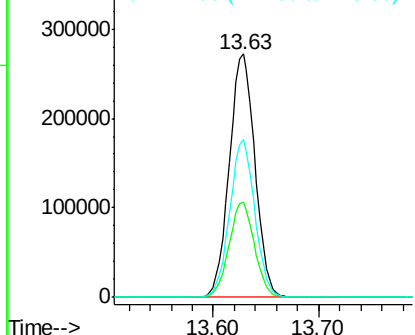
#91
 1,2-Dichlorobenzene
 Concen: 47.544 ug/l
 RT: 13.63 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Instrument :
 MSVOA_N
 ClientSampleId :

Tot Ion:146 Resp: 457113
 Ion Ratio Lower Upper
 146 100
 111 38.7 20.1 60.2
 148 63.5 31.9 95.5

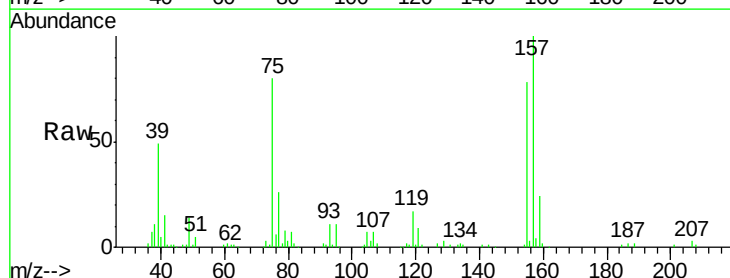


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

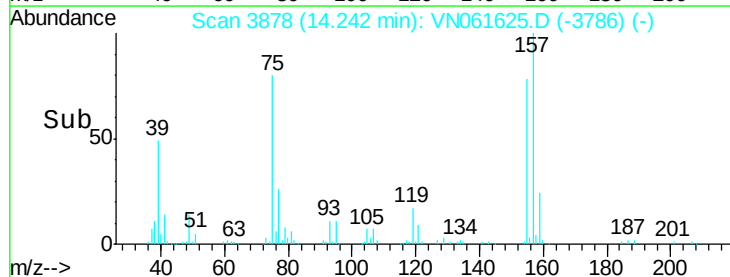
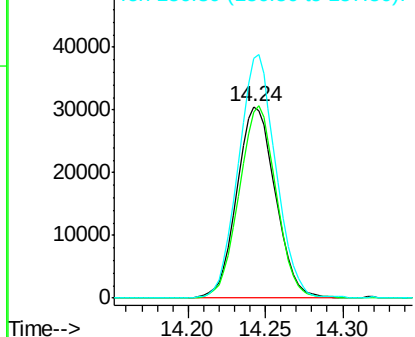


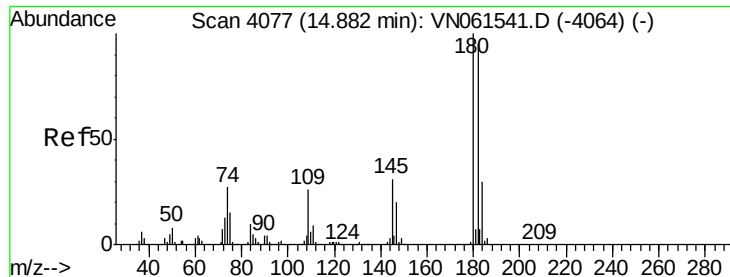
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 41.455 ug/l
 RT: 14.24 min Scan# 3878
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Tgt Ion: 75 Resp: 52733
 Ion Ratio Lower Upper
 75 100
 155 96.9 47.1 141.4
 157 123.9 60.3 180.8



Abundance Ion 74.90 (74.60 to 75.60): VN0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

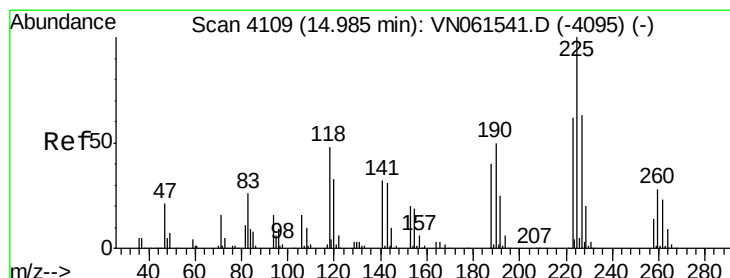
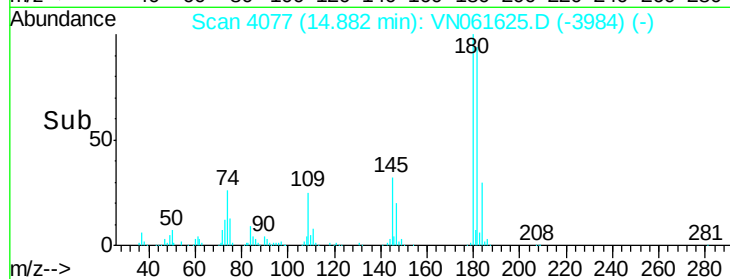
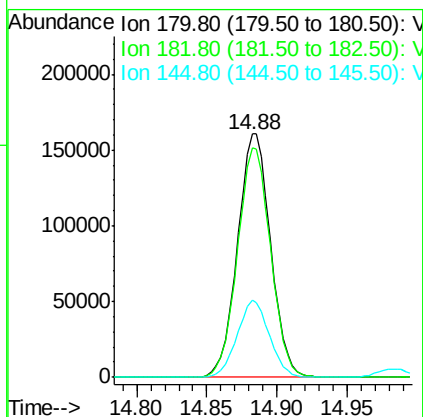
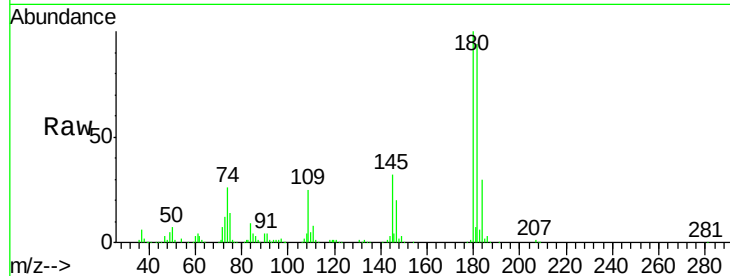




#93
 1,2,4-Trichlorobenzene
 Concen: 46.899 ug/l
 RT: 14.88 min Scan# 4077
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

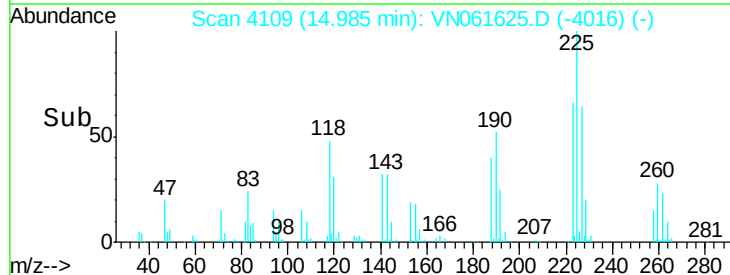
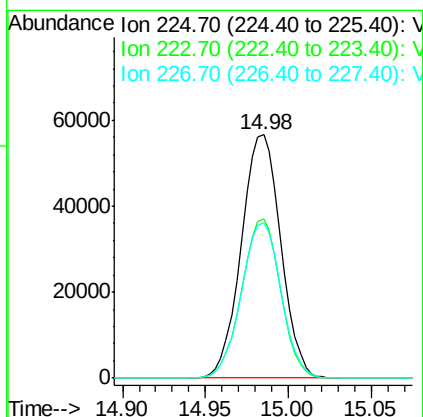
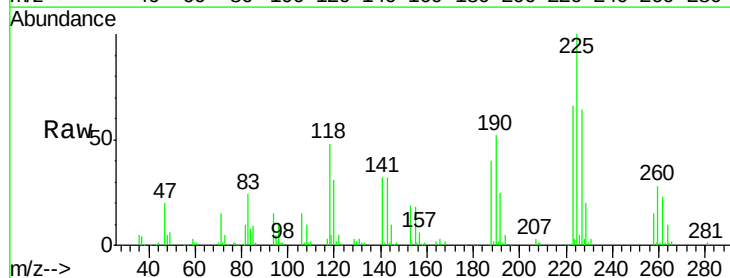
Instrument :
 MSVOA_N
 ClientSampleId :

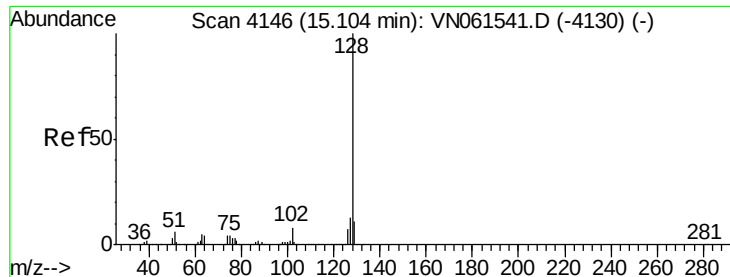
Tot Ion:180 Resp: 263716
 Ion Ratio Lower Upper
 180 100
 182 94.8 47.8 143.3
 145 31.0 15.5 46.5



#94
 Hexachlorobutadiene
 Concen: 39.244 ug/l
 RT: 14.98 min Scan# 4109
 Delta R.T. -0.00 min
 Lab File: VN061625.D
 Acq: 2 Jun 2020 17:59

Tgt Ion:225 Resp: 94112
 Ion Ratio Lower Upper
 225 100
 223 64.4 31.9 95.5
 227 64.1 31.9 95.9

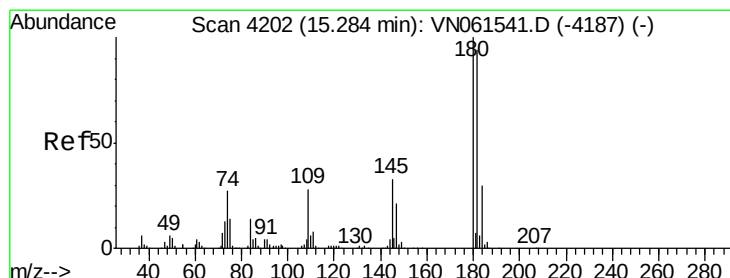
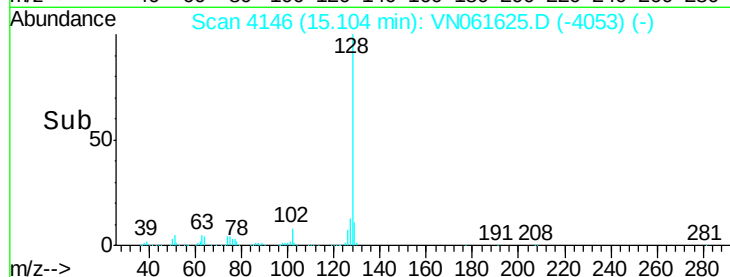
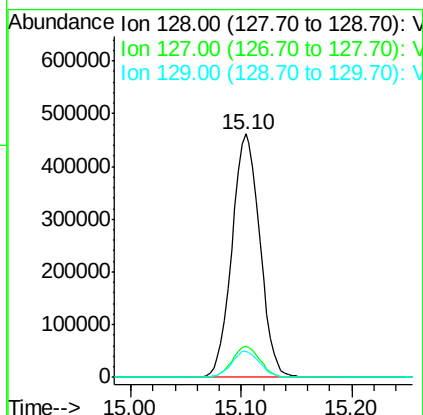
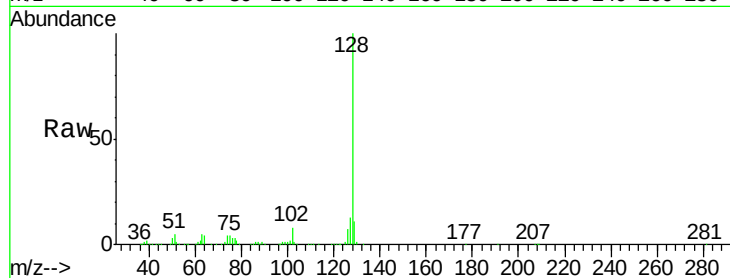




#95
Naphthalene
Concen: 47.248 ug/l
RT: 15.10 min Scan# 4146
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Instrument :
MSVOA_N
ClientSampled :

Tot Ion:128 Resp: 808654
Ion Ratio Lower Upper
128 100
127 12.8 10.0 15.0
129 10.8 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 46.316 ug/l
RT: 15.28 min Scan# 4202
Delta R.T. -0.00 min
Lab File: VN061625.D
Acq: 2 Jun 2020 17:59

Tgt Ion:180 Resp: 256061
Ion Ratio Lower Upper
180 100
182 94.1 47.1 141.3
145 32.7 16.3 48.9

