

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN042220\
 Data File : VN061148.D
 Acq On : 22 Apr 2020 23:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Apr 23 07:41:31 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 22 15:26:40 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.40	168	187211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.35	114	313158	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.21	117	289775	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.15	152	146251	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.77	65	120872	48.69	ug/l	0.00
Spiked Amount			Recovery	=	97.38%	
35) Dibromofluoromethane	7.31	113	87742	49.10	ug/l	0.00
Spiked Amount			Recovery	=	98.20%	
50) Toluene-d8	9.88	98	363703	47.49	ug/l	0.00
Spiked Amount			Recovery	=	94.98%	
62) 4-Bromofluorobenzene	12.21	95	136994	47.76	ug/l	0.00
Spiked Amount			Recovery	=	95.52%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.72	85	84231	48.387	ug/l	97
3) Chloromethane	1.91	50	97811	46.003	ug/l	97
4) Vinyl Chloride	2.03	62	119077	46.147	ug/l	97
5) Bromomethane	2.39	94	56559	45.099	ug/l	99
6) Chloroethane	2.52	64	62897	46.141	ug/l	100
7) Trichlorofluoromethane	2.82	101	134775	48.993	ug/l	99
8) Diethyl Ether	3.18	74	57121	44.946	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.51	101	86252	46.918	ug/l	99
10) Methyl Iodide	3.69	142	125463	47.323	ug/l	100
11) Tert butyl alcohol	4.43	59	64850	202.740	ug/l	99
12) 1,1-Dichloroethene	3.49	96	86784	46.370	ug/l	96
13) Acrolein	3.36	56	56418	230.833	ug/l	98
14) Allyl chloride	4.03	41	131592	54.073	ug/l	97
15) Acrylonitrile	4.64	53	227788	229.847	ug/l	100
16) Acetone	3.54	43	188856	221.188	ug/l	99
17) Carbon Disulfide	3.78	76	255948	45.731	ug/l	100
18) Methyl Acetate	4.02	43	129622	43.831	ug/l	98
19) Methyl tert-butyl Ether	4.69	73	307339	46.491	ug/l	99
20) Methylene Chloride	4.24	84	98829	45.568	ug/l	98
21) trans-1,2-Dichloroethene	4.70	96	97031	43.266	ug/l	97
22) Diisopropyl ether	5.61	45	320811	46.847	ug/l	98
23) Vinyl Acetate	5.55	43	1307621	238.269	ug/l	99
24) 1,1-Dichloroethane	5.51	63	180838	47.722	ug/l	99
25) 2-Butanone	6.51	43	301522	222.894	ug/l	98
26) 2,2-Dichloropropane	6.50	77	142259	41.688	ug/l	99
27) cis-1,2-Dichloroethene	6.51	96	111613	44.842	ug/l	98
28) Bromochloromethane	6.90	49	82649	50.763	ug/l	100
29) Tetrahydrofuran	6.90	42	205656	220.828	ug/l	100
30) Chloroform	7.09	83	183762	47.953	ug/l	98
31) Cyclohexane	7.37	56	168757	44.281	ug/l	99
32) 1,1,1-Trichloroethane	7.29	97	161461	47.243	ug/l	99
36) 1,1-Dichloropropene	7.52	75	137975	45.081	ug/l	100
37) Ethyl Acetate	6.61	43	133095	43.390	ug/l	100
38) Carbon Tetrachloride	7.50	117	122656	45.779	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	8.85	83	168189	44.945	ug/l	99
40) Benzene	7.78	78	412002	45.463	ug/l	100
41) Methacrylonitrile	6.90	41	189840	130.360	ug/l #	22
42) 1,2-Dichloroethane	7.87	62	146058	45.232	ug/l	99
43) Isopropyl Acetate	7.92	43	231767	44.488	ug/l	99
44) Trichloroethene	8.60	130	117840	44.725	ug/l	98
45) 1,2-Dichloropropane	8.89	63	108061	45.069	ug/l	98
46) Dibromomethane	8.98	93	70646	45.980	ug/l	99
47) Bromodichloromethane	9.18	83	142851	47.167	ug/l	100
48) Methyl methacrylate	8.98	41	107884	43.982	ug/l	99
49) 1,4-Dioxane	8.97	88	20250	779.935	ug/l	98
51) 4-Methyl-2-Pentanone	9.78	43	670562	220.525	ug/l	100
52) Toluene	9.95	92	257884	45.457	ug/l	99
53) t-1,3-Dichloropropene	10.18	75	164707	44.442	ug/l	98
54) cis-1,3-Dichloropropene	9.63	75	174545	45.271	ug/l	99
55) 1,1,2-Trichloroethane	10.36	97	99811	45.663	ug/l	99
56) Ethyl methacrylate	10.23	69	155473	46.679	ug/l	99
57) 1,3-Dichloropropane	10.51	76	170081	45.848	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.49	63	410476	239.022	ug/l	100
59) 2-Hexanone	10.56	43	491110	218.623	ug/l	100
60) Dibromochloromethane	10.70	129	106588	46.635	ug/l	99
61) 1,2-Dibromoethane	10.81	107	106283	47.183	ug/l	98
64) Tetrachloroethene	10.43	164	125535	42.318	ug/l	99
65) Chlorobenzene	11.24	112	270910	45.990	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.32	131	97335	46.624	ug/l	99
67) Ethyl Benzene	11.32	91	506994	46.218	ug/l	100
68) m/p-Xylenes	11.43	106	380564	92.902	ug/l	99
69) o-Xylene	11.76	106	183177	46.315	ug/l	99
70) Styrene	11.77	104	304192	47.492	ug/l	99
71) Bromoform	11.93	173	75561	48.010	ug/l #	100
73) Isopropylbenzene	12.06	105	490924	44.432	ug/l	100
74) N-amyl acetate	11.89	43	213378	42.962	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.32	83	135928	45.907	ug/l	98
76) 1,2,3-Trichloropropane	12.36	75	190530	56.478	ug/l #	100
77) Bromobenzene	12.33	156	117698	43.721	ug/l	98
78) n-propylbenzene	12.40	91	575505	44.407	ug/l	100
79) 2-Chlorotoluene	12.48	91	332931	44.243	ug/l	100
80) 1,3,5-Trimethylbenzene	12.55	105	412521	44.307	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.11	75	51652	40.210	ug/l	97
82) 4-Chlorotoluene	12.58	91	353006	44.216	ug/l	100
83) tert-Butylbenzene	12.81	119	346863	44.362	ug/l	98
84) 1,2,4-Trimethylbenzene	12.85	105	413494	44.593	ug/l	100
85) sec-Butylbenzene	12.99	105	468901	44.318	ug/l	99
86) p-Isopropyltoluene	13.10	119	426855	44.450	ug/l	99
87) 1,3-Dichlorobenzene	13.09	146	213524	44.753	ug/l	100
88) 1,4-Dichlorobenzene	13.17	146	216250	44.651	ug/l	100
89) n-Butylbenzene	13.43	91	391501	44.680	ug/l	100
90) Hexachloroethane	13.68	117	37341	38.605	ug/l	98
91) 1,2-Dichlorobenzene	13.46	146	204071	45.973	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.08	75	28267	43.979	ug/l	99

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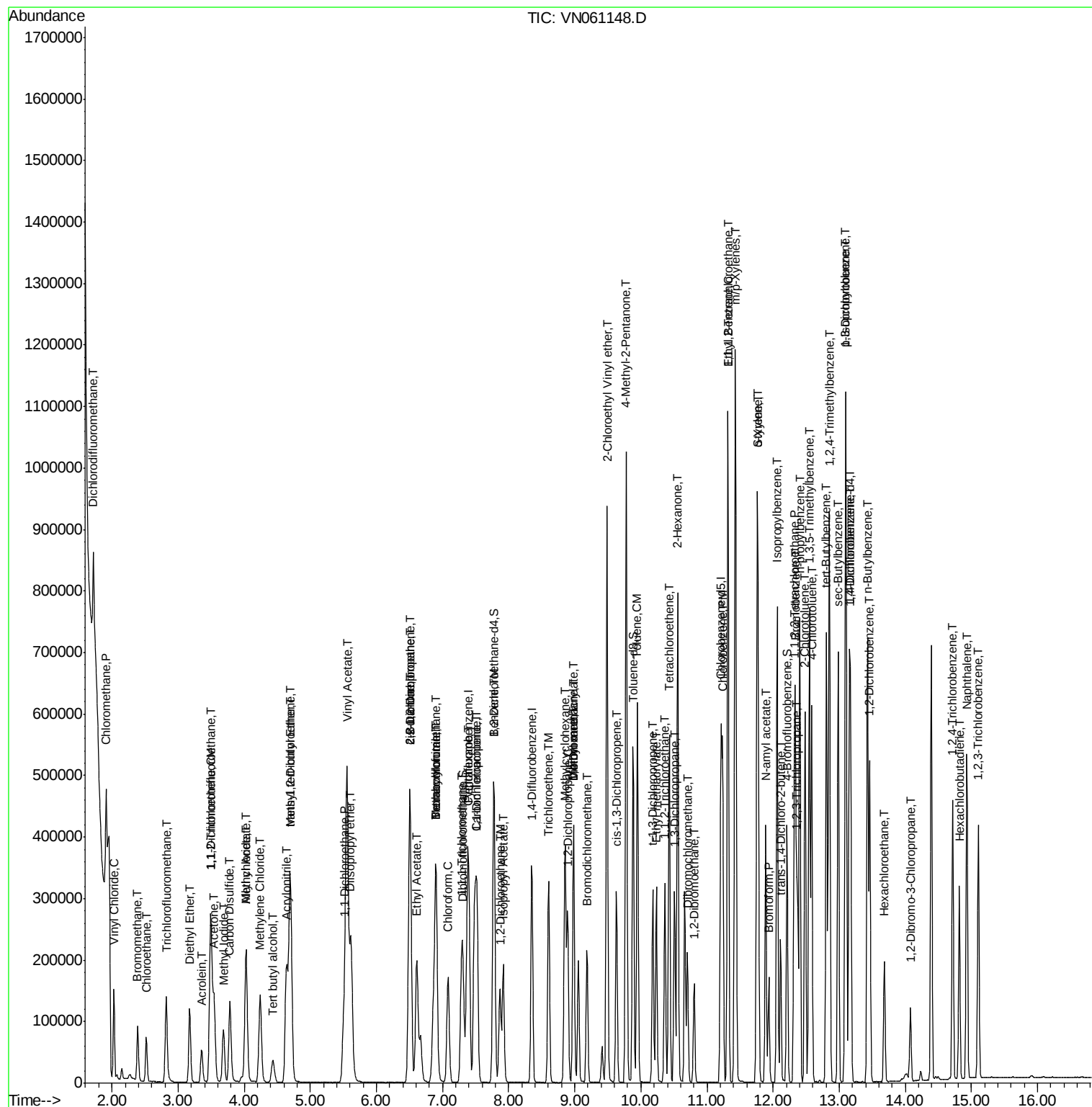
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.71	180	134819	45.411	ug/l	99
94) Hexachlorobutadiene	14.82	225	58004	44.800	ug/l	97
95) Naphthalene	14.93	128	412296	44.978	ug/l	100
96) 1,2,3-Trichlorobenzene	15.10	180	127961	44.854	ug/l	99

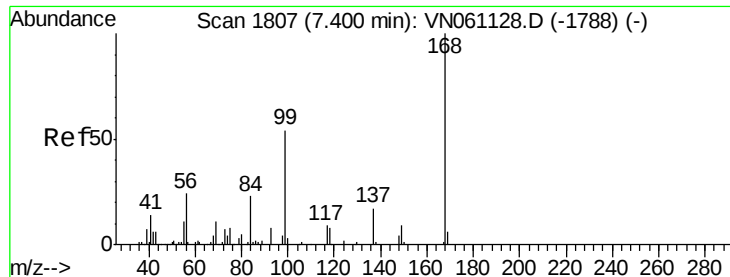
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Data Path : Z:\V0ASRV\HPCHEM1\MSVOA N\DATA\VN042220\
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.40 min Scan# 1807

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

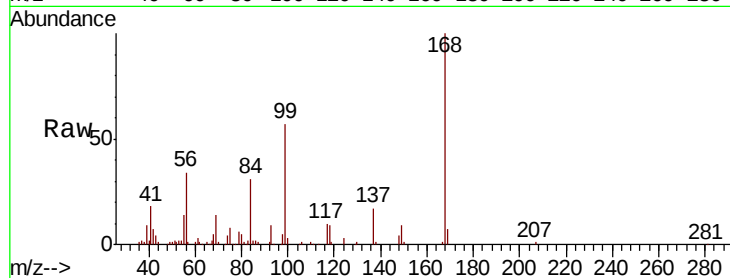
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:168 Resp: 187211

Ion Ratio Lower Upper

168 100

99 56.8 44.3 66.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.40

80000

60000

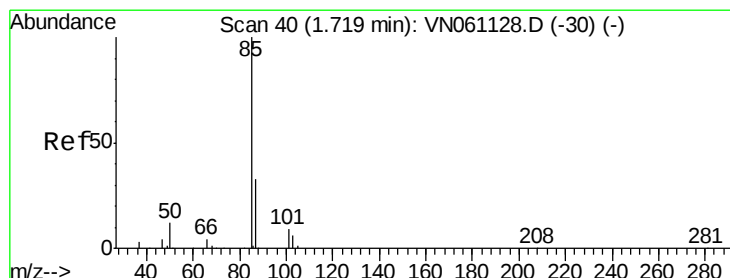
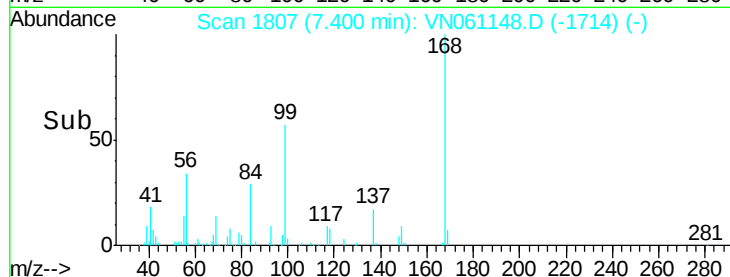
40000

20000

0

7.30 7.40 7.50

Time-->



#2

Dichlorodifluoromethane

Concen: 48.387 ug/l

RT: 1.72 min Scan# 40

Delta R.T. 0.00 min

Lab File: VN061148.D

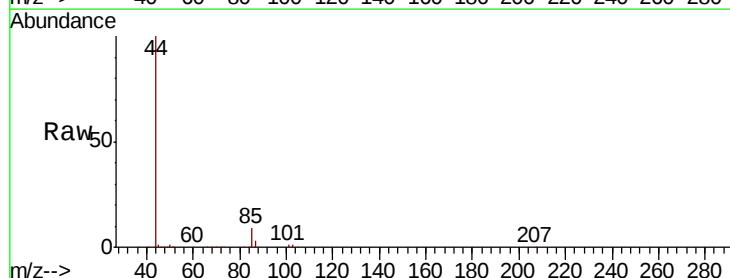
Acq: 22 Apr 2020 23:18

Tgt Ion: 85 Resp: 84231

Ion Ratio Lower Upper

85 100

87 31.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): V

Ion 86.90 (86.60 to 87.60): V

1.72

80000

60000

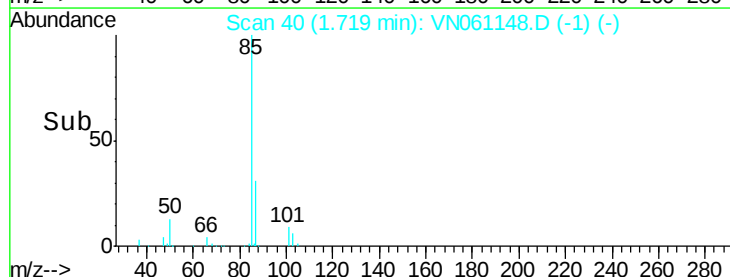
40000

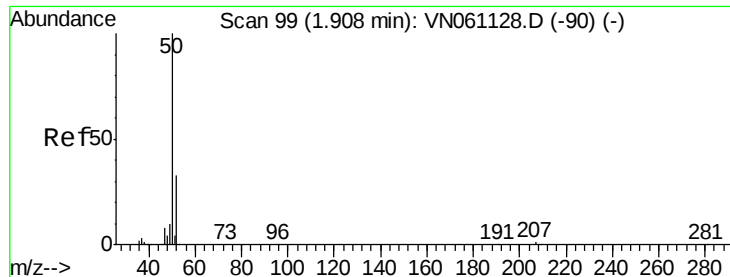
20000

0

1.65 1.70 1.75 1.80

Time-->

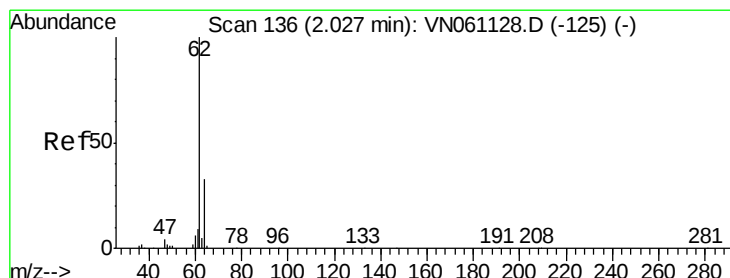
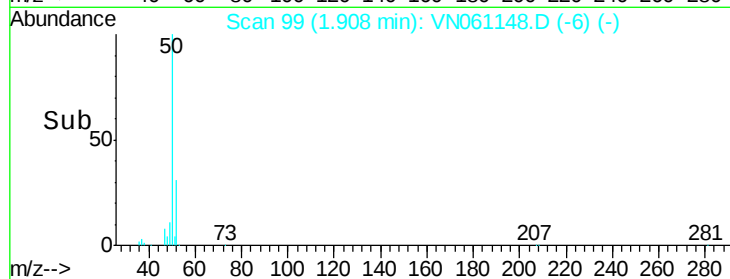
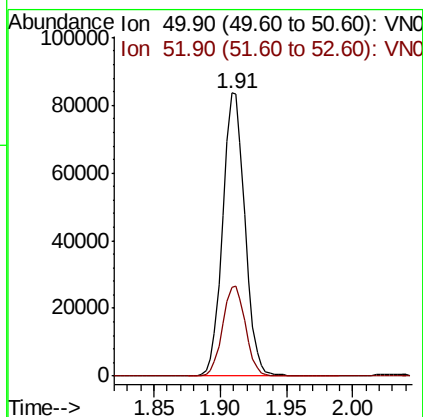
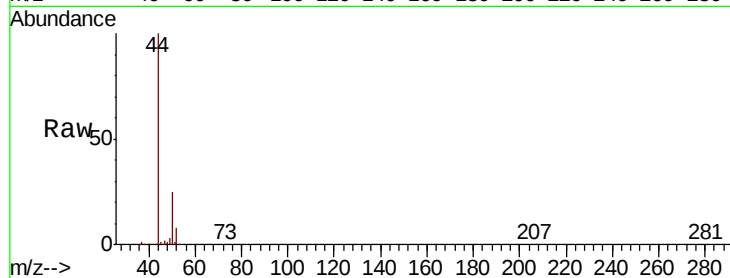




#3
Chloromethane
Concen: 46.003 ug/l
RT: 1.91 min Scan# 99
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

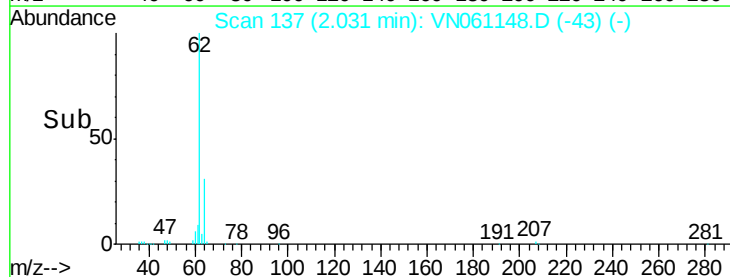
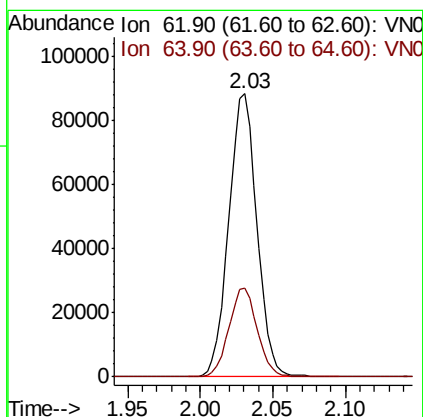
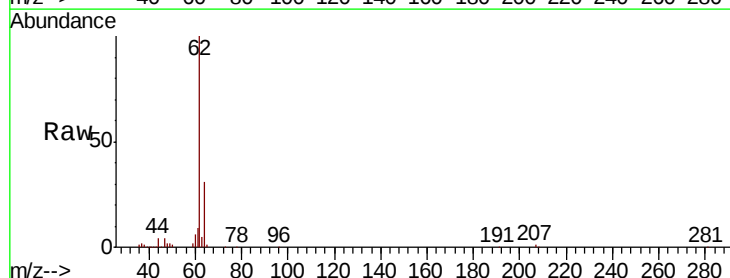
Instrument :
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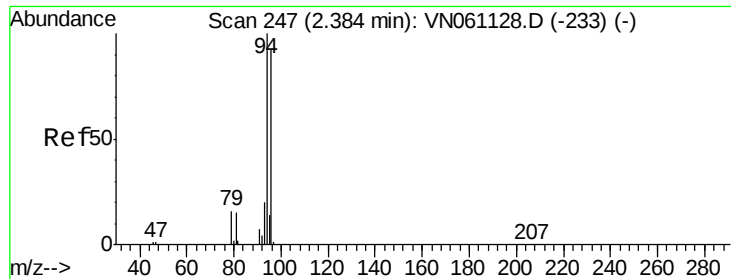
Tot Ion: 50 Resp: 97811
Ion Ratio Lower Upper
50 100
52 31.5 26.3 39.5



#4
Vinyl Chloride
Concen: 46.147 ug/l
RT: 2.03 min Scan# 137
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Tgt Ion: 62 Resp: 119077
Ion Ratio Lower Upper
62 100
64 31.3 26.6 40.0





#5

Bromomethane

Concen: 45.099 ug/l

RT: 2.39 min Scan# 248

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

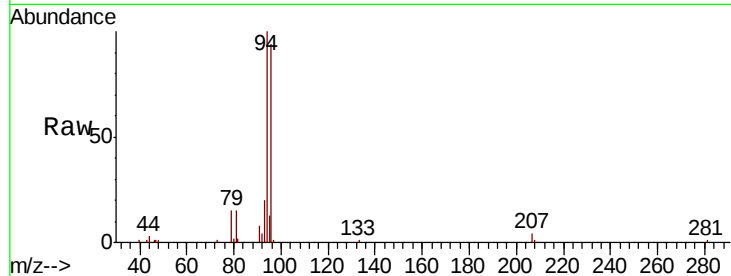
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 94 Resp: 56559

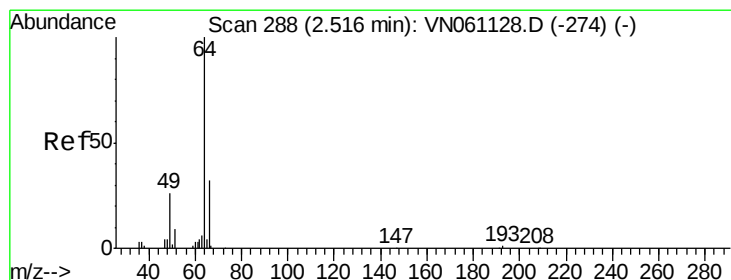
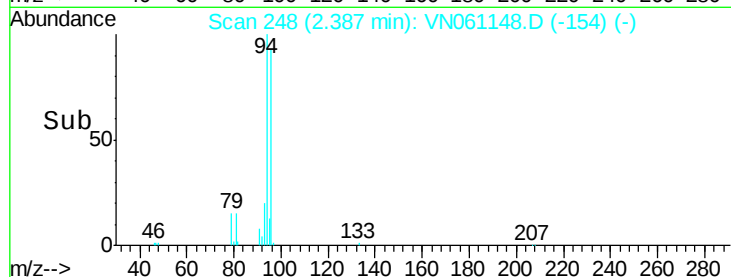
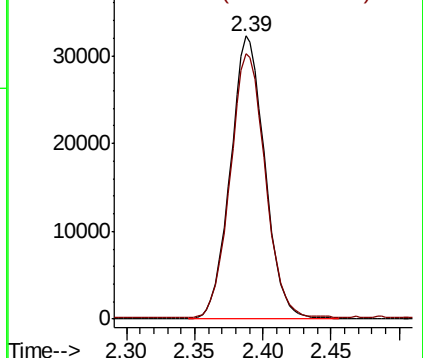
Ion Ratio Lower Upper

94 100

96 93.3 73.6 110.4



Abundance Ion 93.90 (93.60 to 94.60): VN0
Ion 95.90 (95.60 to 96.60): VN0



#6

Chloroethane

Concen: 46.141 ug/l

RT: 2.52 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN061148.D

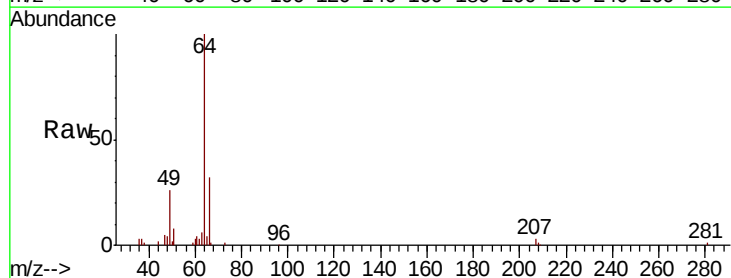
Acq: 22 Apr 2020 23:18

Tgt Ion: 64 Resp: 62897

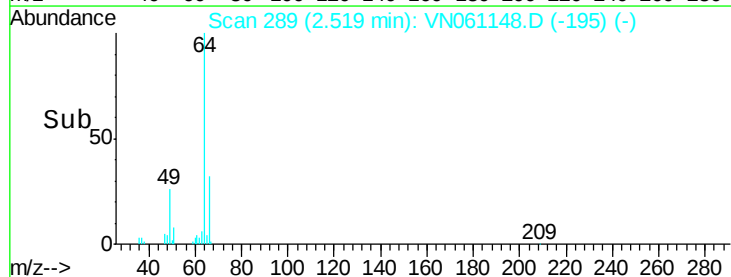
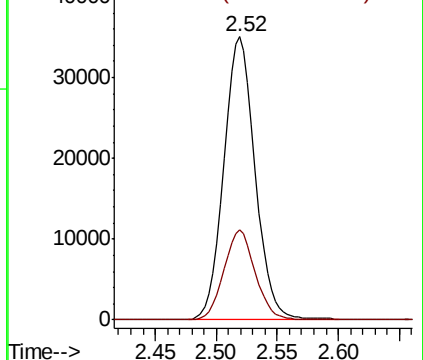
Ion Ratio Lower Upper

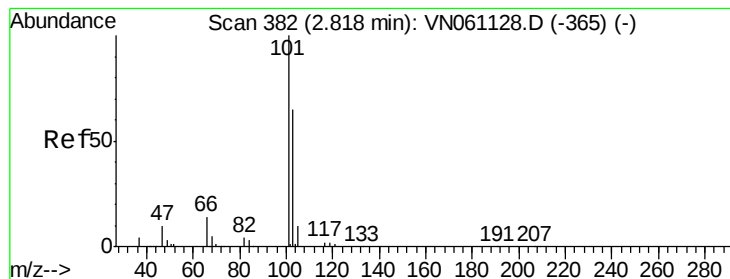
64 100

66 31.9 25.4 38.2



Abundance Ion 63.90 (63.60 to 64.60): VN0
Ion 65.90 (65.60 to 66.60): VN0



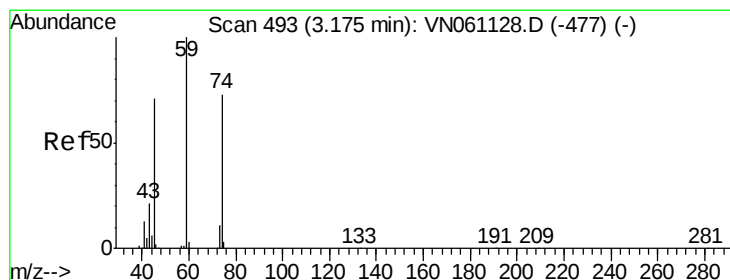
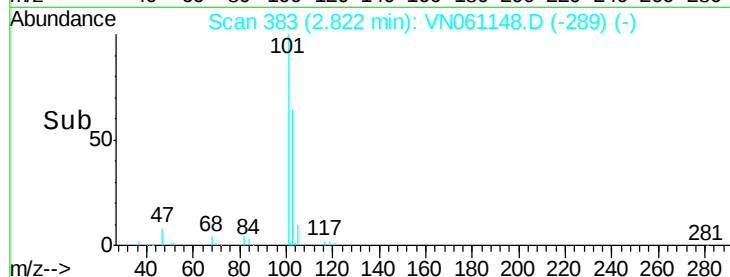
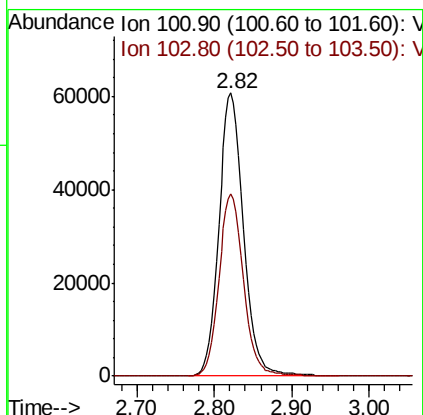
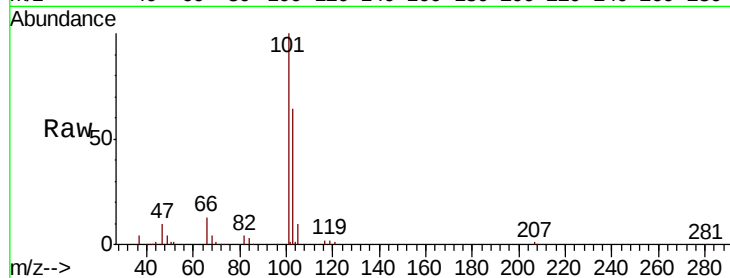


#7

Trichlorofluoromethane
Concen: 48.993 ug/l
RT: 2.82 min Scan# 383
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Instrument :
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ClientSampleId :

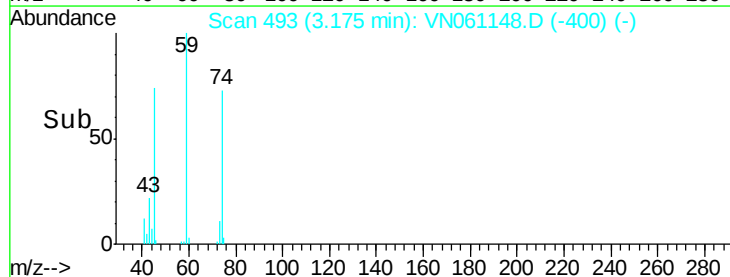
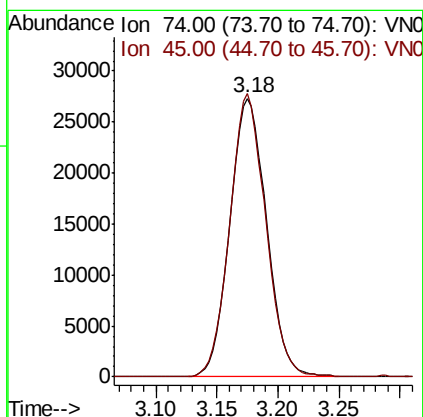
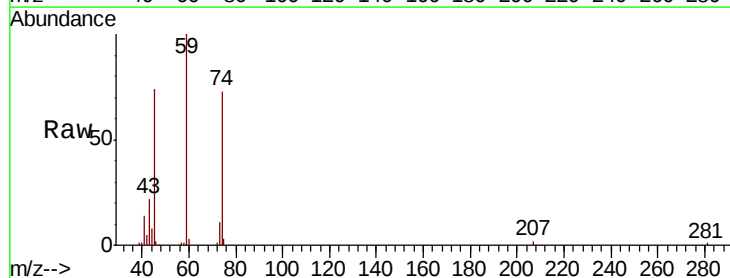
Tot Ion:101 Resp: 134775
Ion Ratio Lower Upper
101 100
103 64.4 52.1 78.1

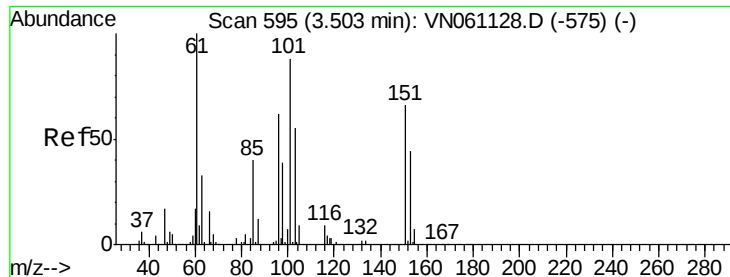


#8

Diethyl Ether
Concen: 44.946 ug/l
RT: 3.18 min Scan# 493
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Tgt Ion: 74 Resp: 57121
Ion Ratio Lower Upper
74 100
45 99.7 49.1 147.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.918 ug/l

RT: 3.51 min Scan# 596

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

Instrument :

MSVOA_V

ClientSampleId :

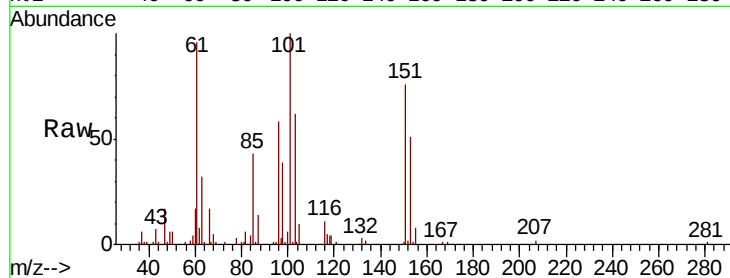
Tot Ion:101 Resp: 86252

Ion Ratio Lower Upper

101 100

85 44.8 36.2 54.4

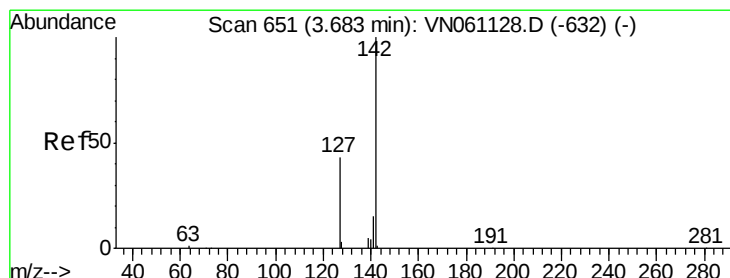
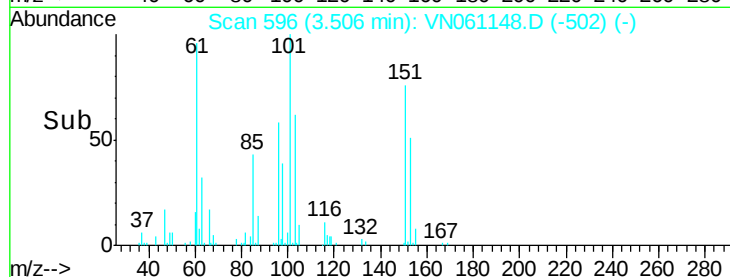
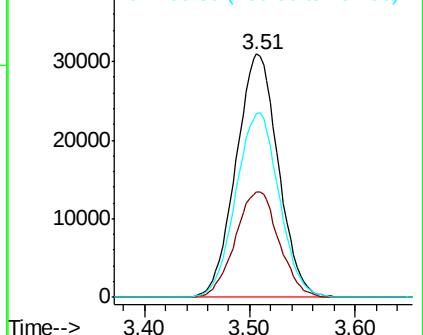
151 77.6 61.8 92.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VN

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.323 ug/l

RT: 3.69 min Scan# 652

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

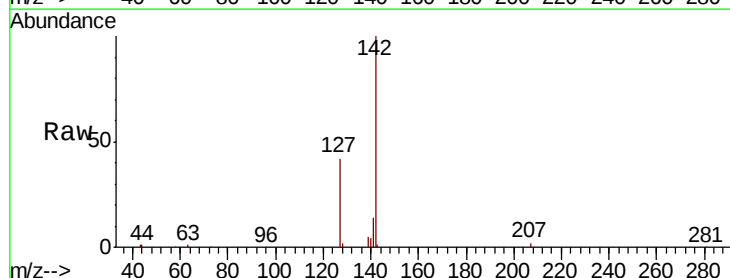
Tgt Ion:142 Resp: 125463

Ion Ratio Lower Upper

142 100

127 42.6 34.2 51.4

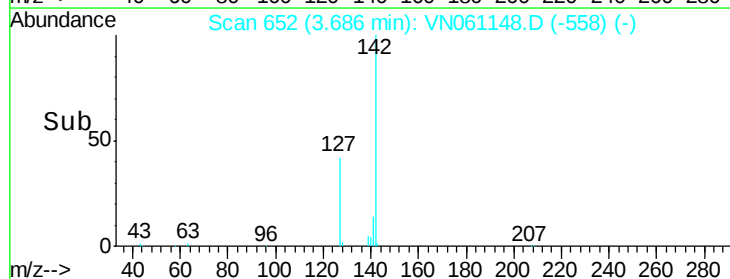
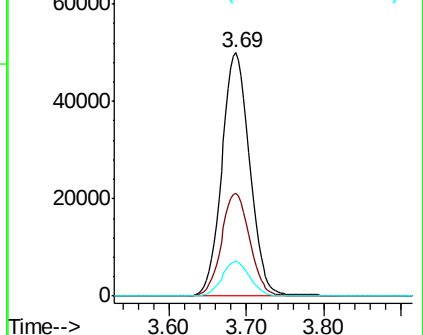
141 14.0 11.3 16.9

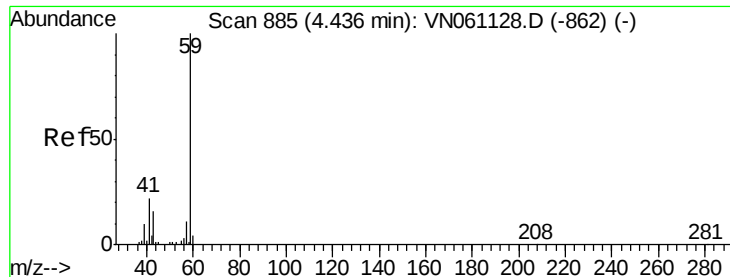


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

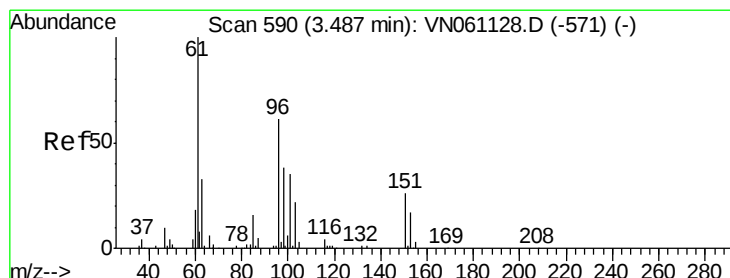
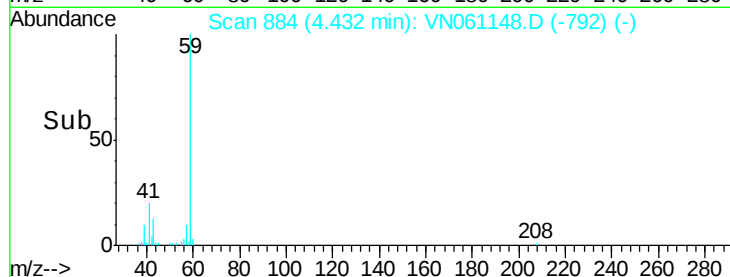
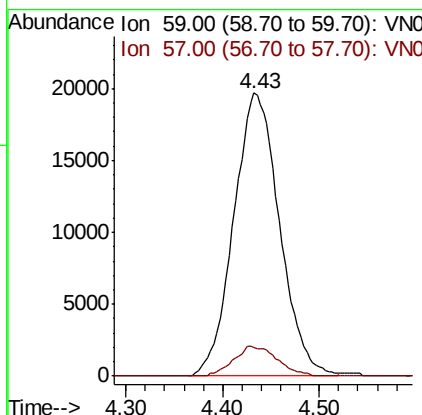
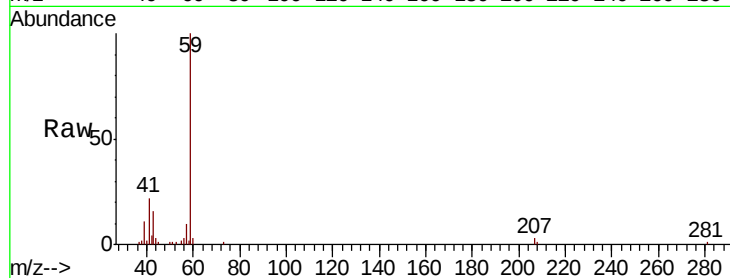




#11
Tert butyl alcohol
Concen: 202.740 ug/l
RT: 4.43 min Scan# 884
Delta R.T. -0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

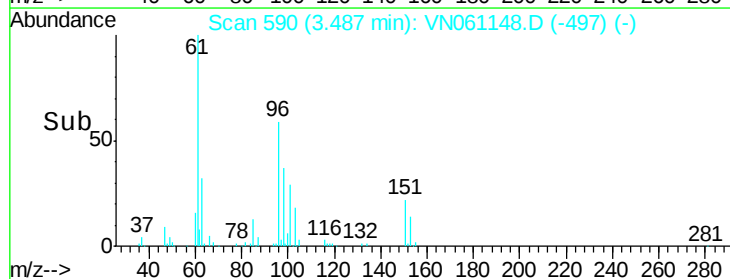
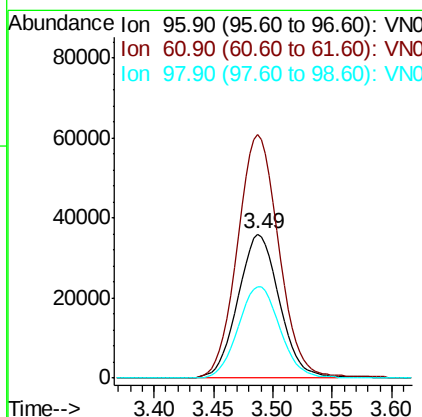
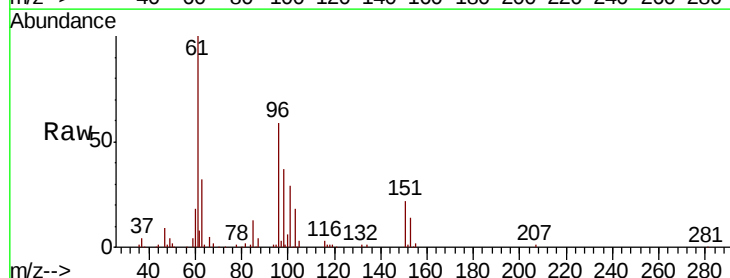
Instrument :
MSVOA_V
ClientSampleId :

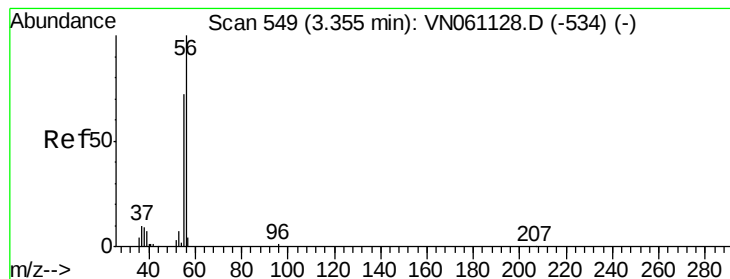
Tot Ion: 59 Resp: 64850
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.4



#12
1,1-Dichloroethene
Concen: 46.370 ug/l
RT: 3.49 min Scan# 590
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Tgt Ion: 96 Resp: 86784
Ion Ratio Lower Upper
96 100
61 169.1 130.8 196.2
98 63.4 49.4 74.2





#13

Acrolein

Concen: 230.833 ug/l

RT: 3.36 min Scan# 549

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

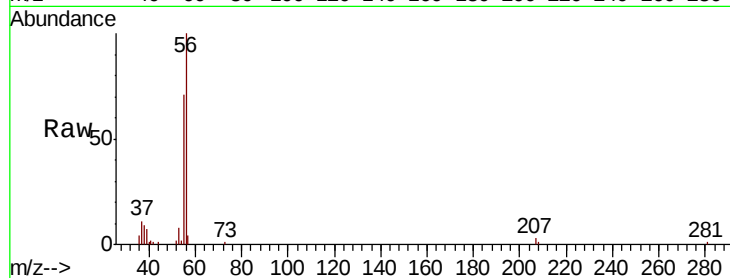
Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 56 Resp: 56418

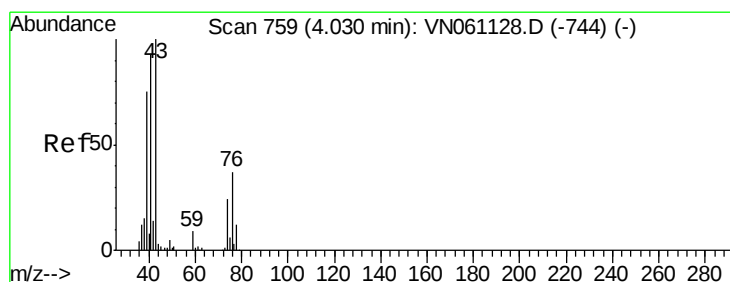
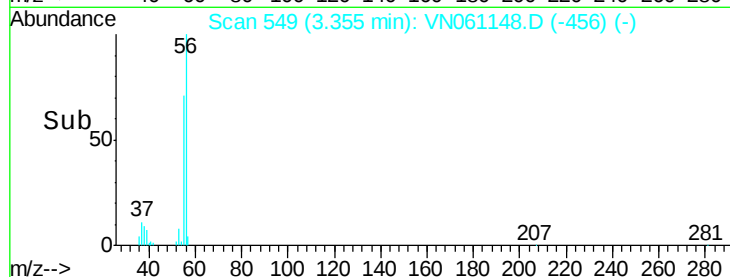
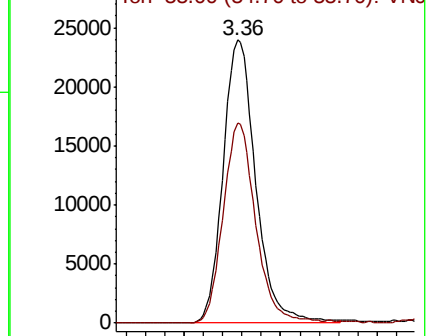
Ion Ratio Lower Upper

56 100

55 70.3 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VNO
Ion 55.00 (54.70 to 55.70): VNO



#14

Allyl chloride

Concen: 54.073 ug/l

RT: 4.03 min Scan# 759

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

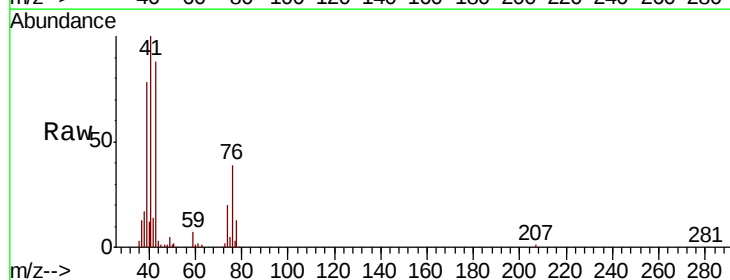
Tgt Ion: 41 Resp: 131592

Ion Ratio Lower Upper

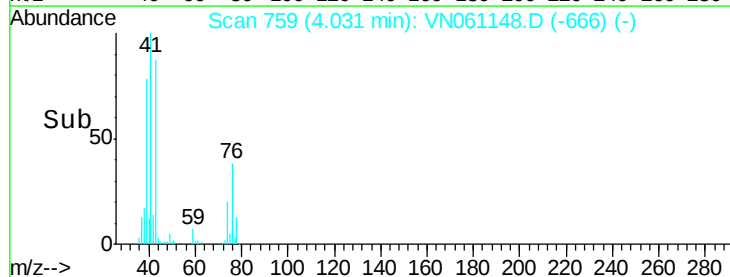
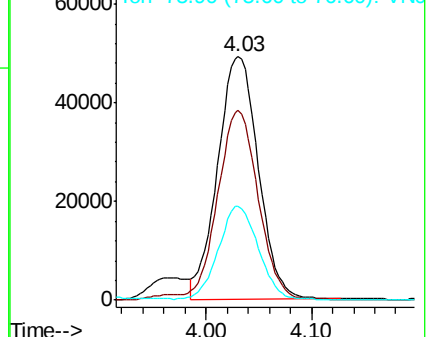
41 100

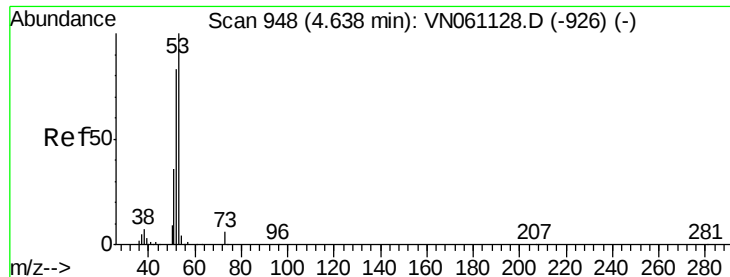
39 78.4 61.0 91.4

76 38.5 28.9 43.3



Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 75.90 (75.60 to 76.60): VNO

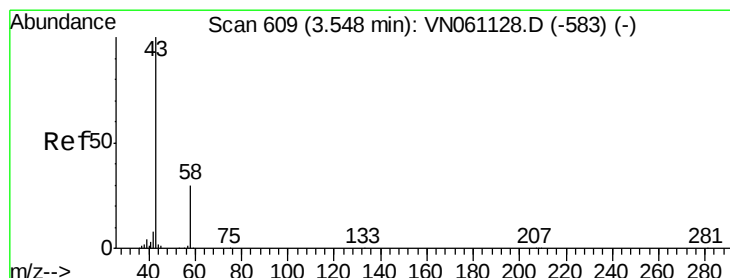
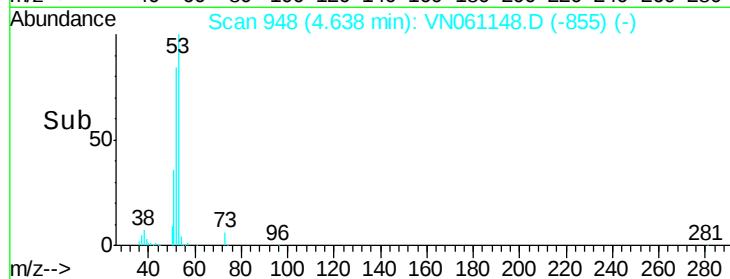
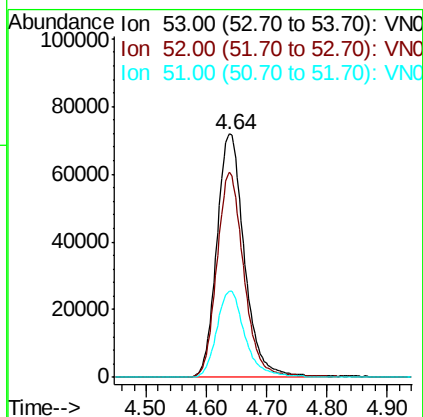
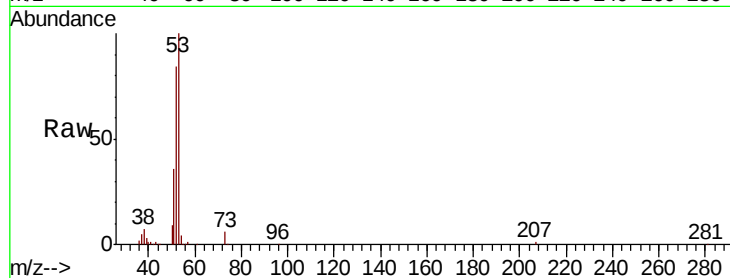




#15
 Acrylonitrile
 Concen: 229.847 ug/l
 RT: 4.64 min Scan# 948
 Delta R.T. 0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

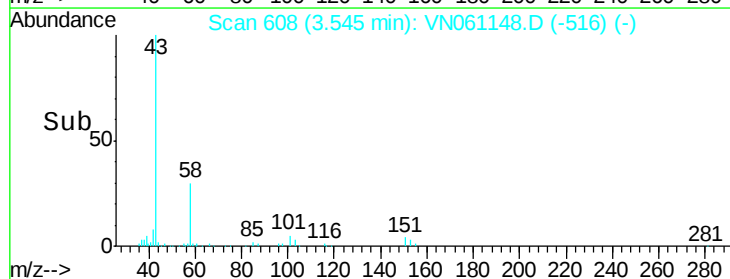
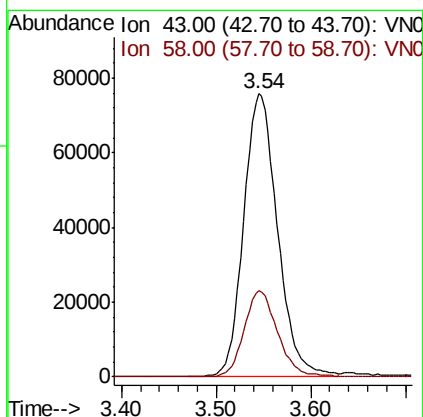
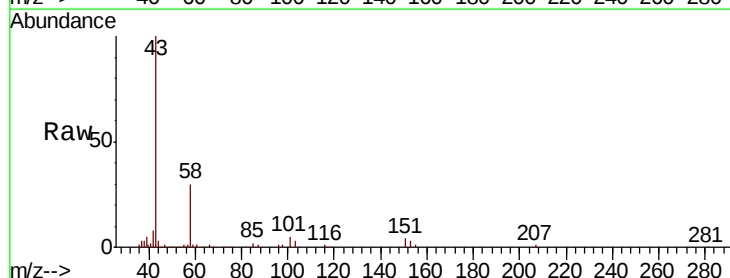
Instrument :
 MSVOA_V
 ClientSampleId :

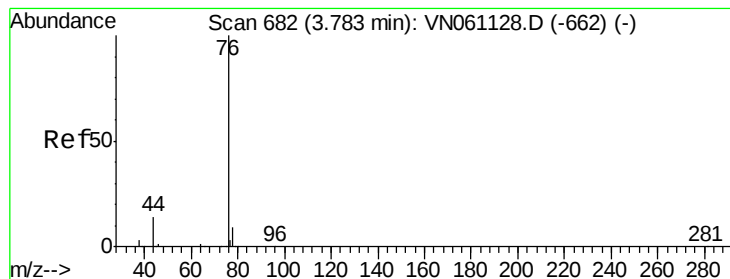
Tot Ion	53	Resp	227788
Ion Ratio	Lower	Upper	
53	100		
52	82.3	66.1	99.1
51	36.4	29.0	43.4



#16
 Acetone
 Concen: 221.188 ug/l
 RT: 3.54 min Scan# 608
 Delta R.T. -0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

Tgt Ion	43	Resp	188856
Ion Ratio	Lower	Upper	
43	100		
58	30.3	23.6	35.4





#17

Carbon Disulfide

Concen: 45.731 ug/l

RT: 3.78 min Scan# 682

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

Instrument :

MSVOA_V

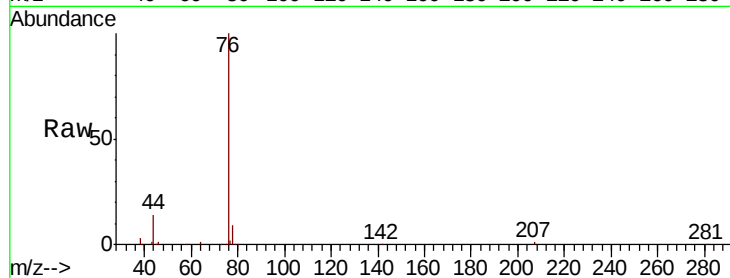
ClientSampled :

Tot Ion: 76 Resp: 255948

Ion Ratio Lower Upper

76 100

78 9.1 7.2 10.8



Abundance Ion 75.90 (75.60 to 76.60): VN061148.D (-662) (-)

Ion 77.90 (77.60 to 78.60): VN061148.D (-662) (-)

3.78

100000

80000

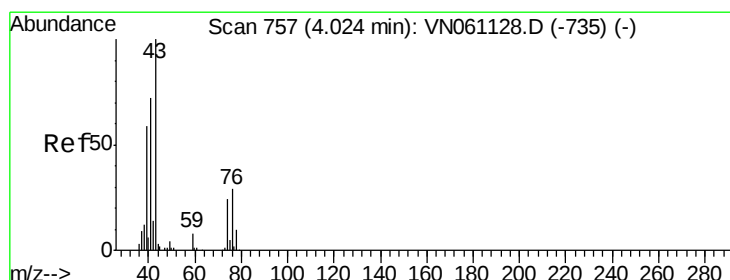
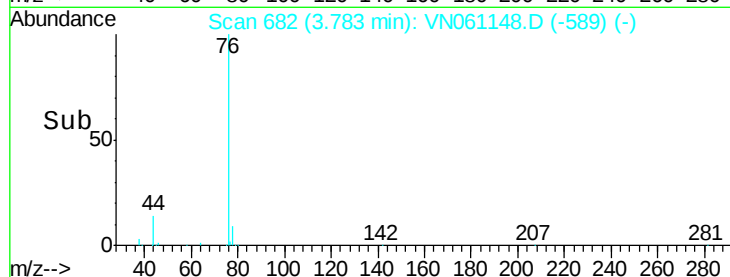
60000

40000

20000

0

Time--> 3.60 3.70 3.80 3.90 4.00



#18

Methyl Acetate

Concen: 43.831 ug/l

RT: 4.02 min Scan# 757

Delta R.T. 0.00 min

Lab File: VN061148.D

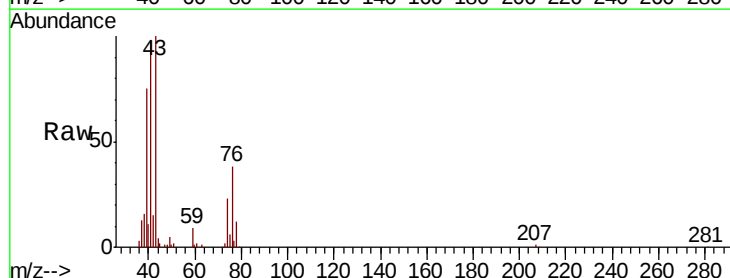
Acq: 22 Apr 2020 23:18

Tgt Ion: 43 Resp: 129622

Ion Ratio Lower Upper

43 100

74 23.4 19.4 29.0



Abundance Ion 43.00 (42.70 to 43.70): VN061148.D (-664) (-)

Ion 74.00 (73.70 to 74.70): VN061148.D (-664) (-)

4.02

50000

40000

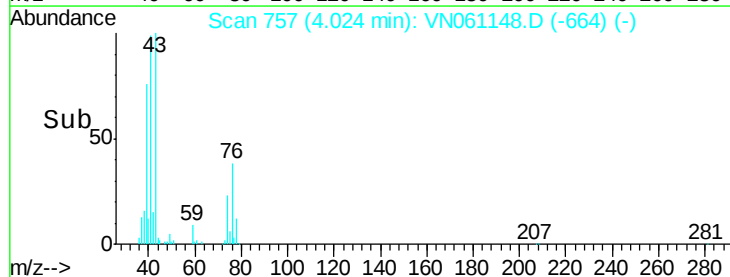
30000

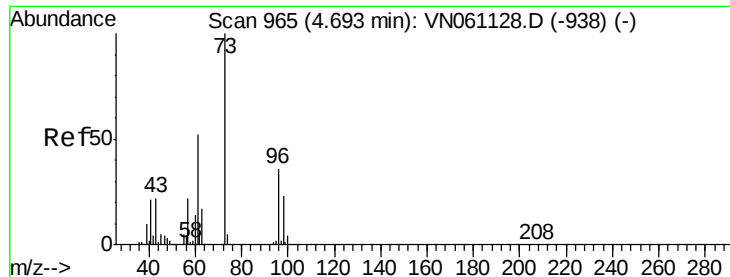
20000

10000

0

Time--> 3.90 4.00 4.10



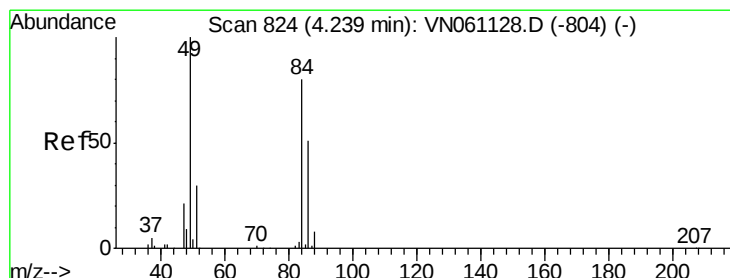
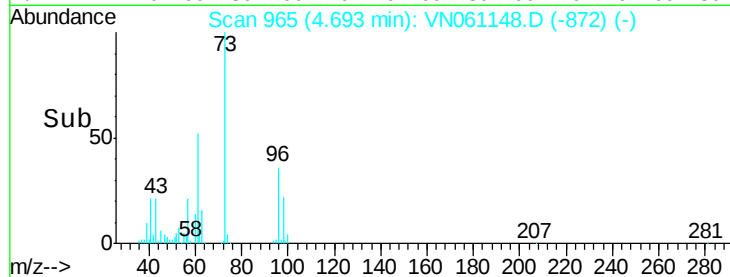
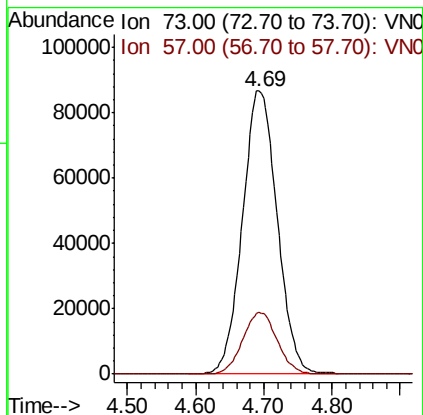
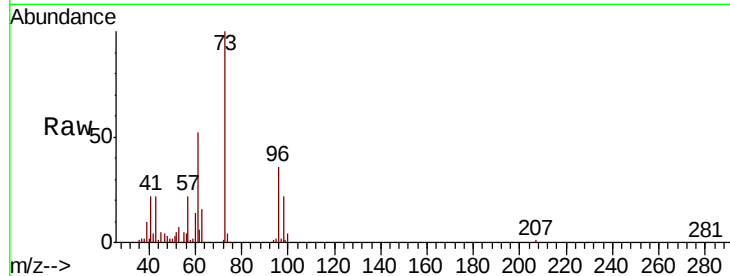


#19

Methyl tert-butyl Ether
 Concen: 46.491 ug/l
 RT: 4.69 min Scan# 965
 Delta R.T. 0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

Instrument :
 MSVOA_V
 ClientSampleId :

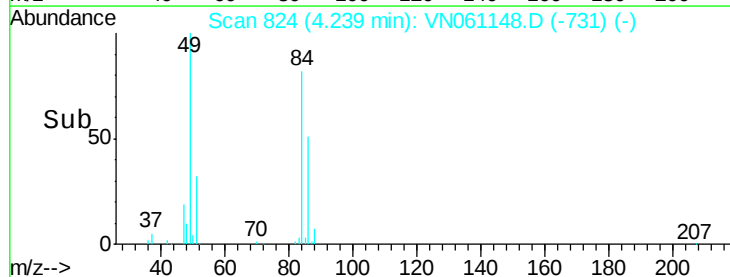
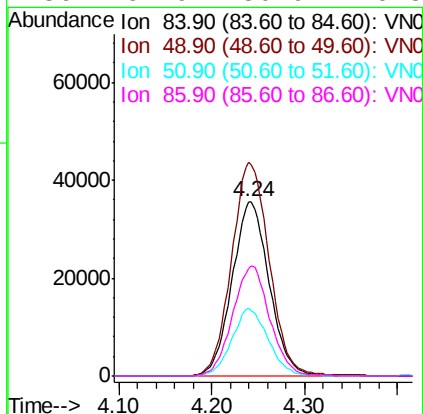
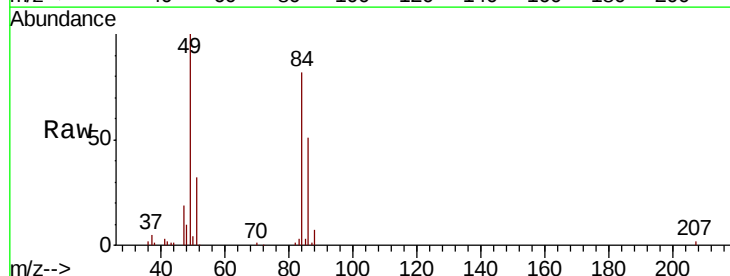
Tot Ion: 73 Resp: 307339
 Ion Ratio Lower Upper
 73 100
 57 21.8 17.8 26.8

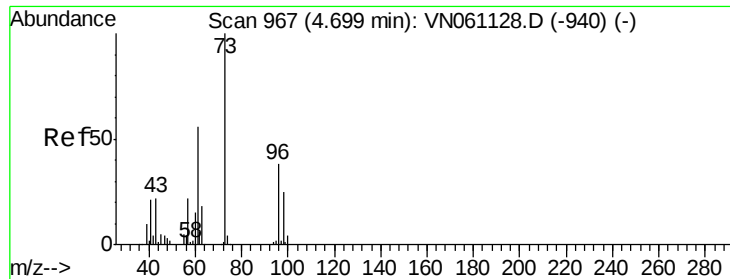


#20

Methylene Chloride
 Concen: 45.568 ug/l
 RT: 4.24 min Scan# 824
 Delta R.T. 0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

Tgt Ion: 84 Resp: 98829
 Ion Ratio Lower Upper
 84 100
 49 122.3 99.8 149.6
 51 38.8 29.9 44.9
 86 61.9 50.9 76.3





#21

trans-1,2-Dichloroethene

Concen: 43.266 ug/l

RT: 4.70 min Scan# 967

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

Instrument :
MSVOA_V
ClientSampleId :

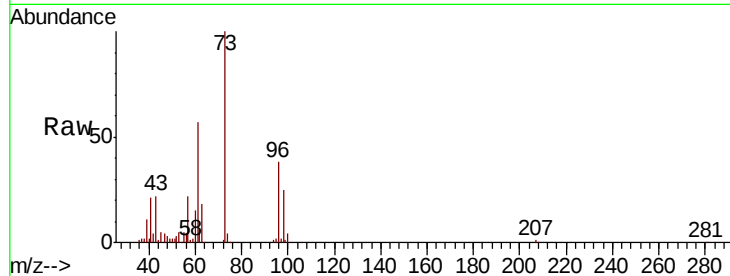
Tot Ion: 96 Resp: 97031

Ion Ratio Lower Upper

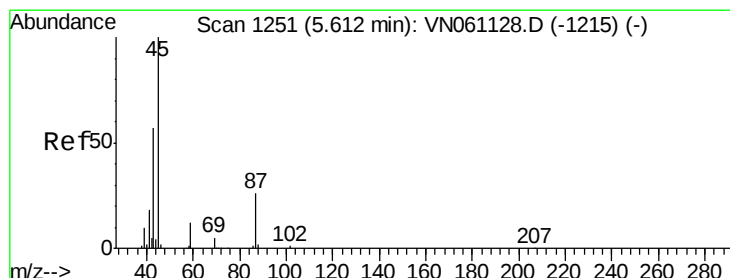
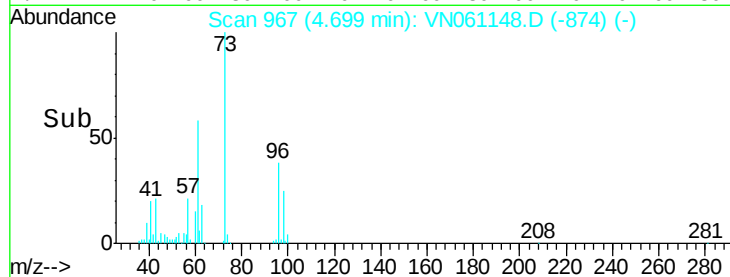
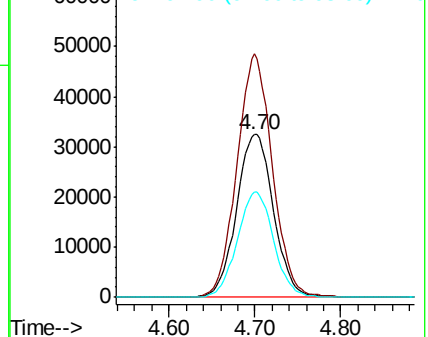
96 100

61 149.7 116.4 174.6

98 65.0 51.4 77.2



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



#22

Diisopropyl ether

Concen: 46.847 ug/l

RT: 5.61 min Scan# 1251

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

Tgt Ion: 45 Resp: 320811

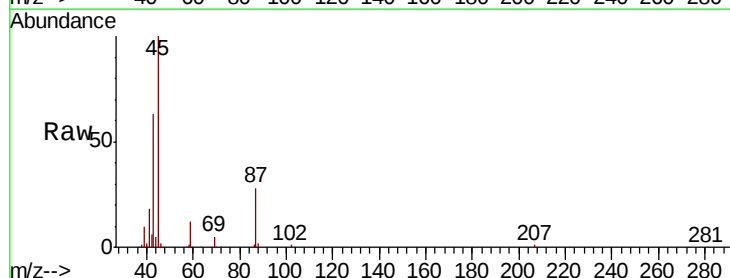
Ion Ratio Lower Upper

45 100

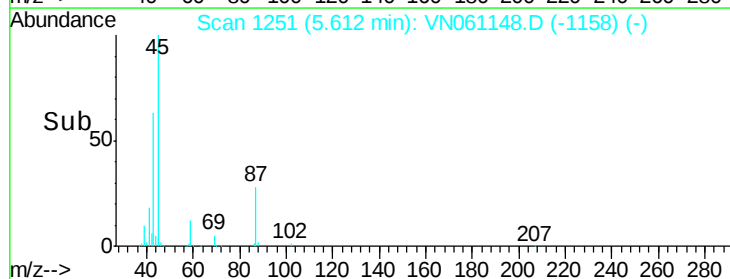
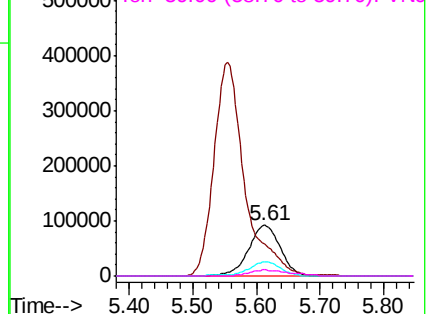
43 61.7 48.4 72.6

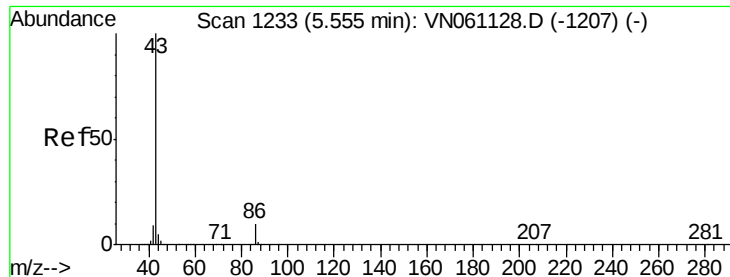
87 28.0 21.4 32.0

59 11.6 9.4 14.2



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

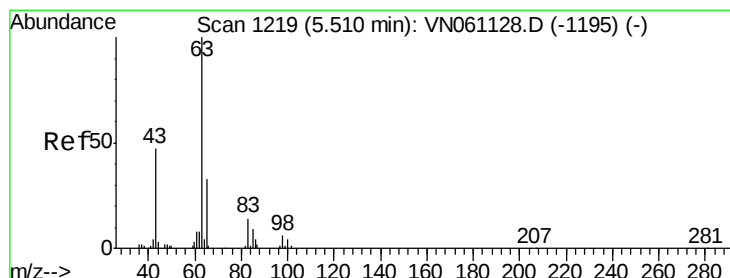
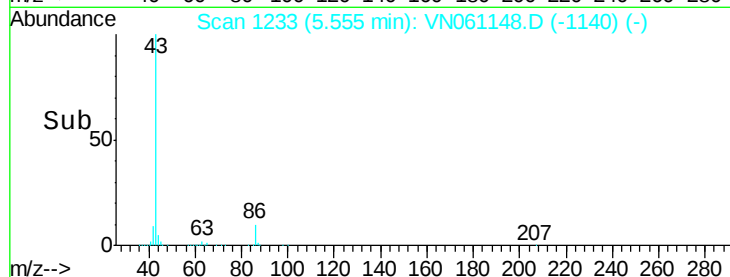
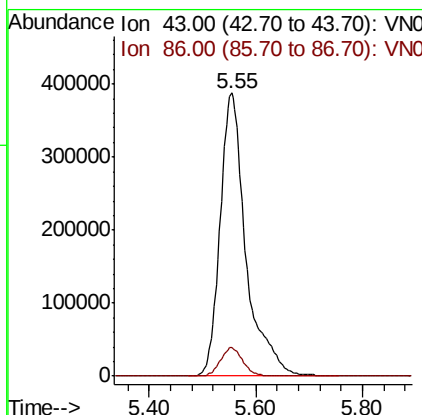
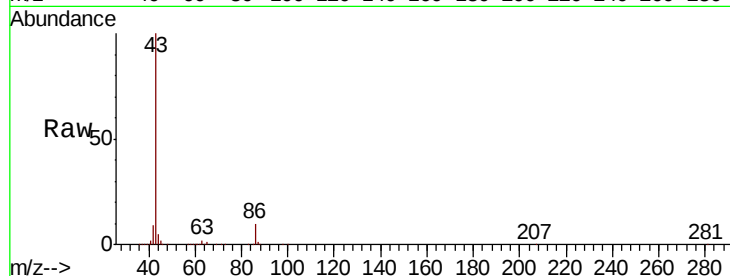




#23
 Vinyl Acetate
 Concen: 238.269 ug/l
 RT: 5.55 min Scan# 1233
 Delta R.T. 0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

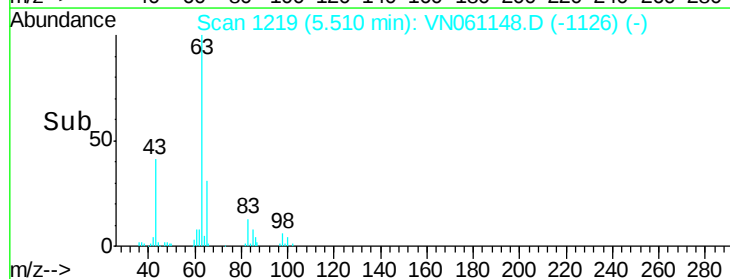
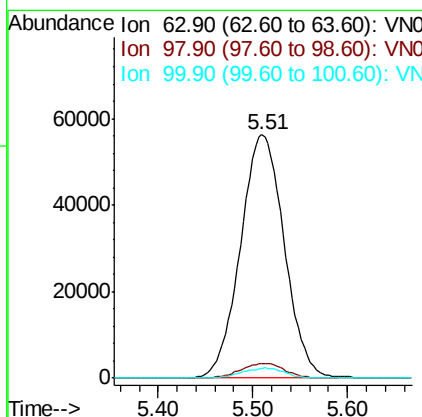
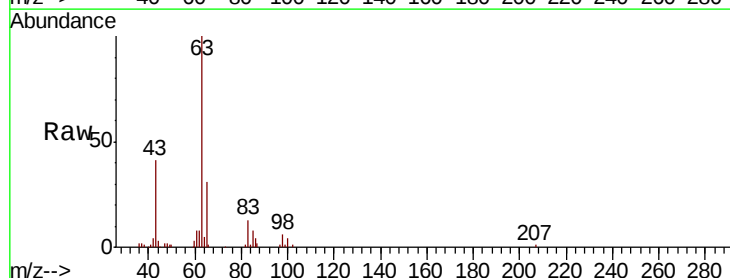
Instrument :
 MSVOA_V
 ClientSampleId :

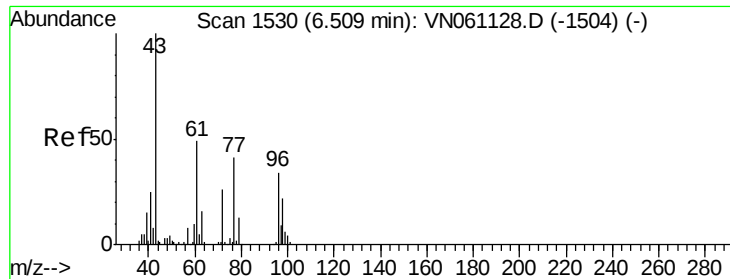
Tot Ion: 43 Resp: 1307621
 Ion Ratio Lower Upper
 43 100
 86 10.1 7.8 11.8



#24
 1,1-Dichloroethane
 Concen: 47.722 ug/l
 RT: 5.51 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

Tgt Ion: 63 Resp: 180838
 Ion Ratio Lower Upper
 63 100
 98 6.0 3.3 9.8
 100 4.1 2.0 6.0

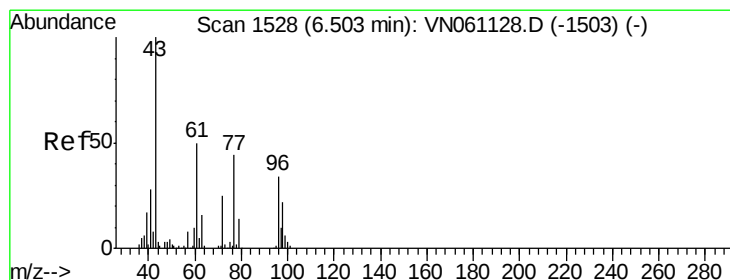
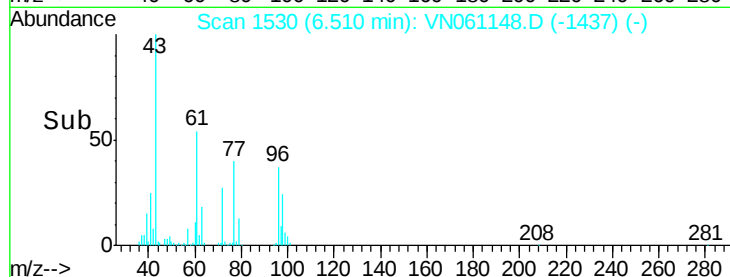
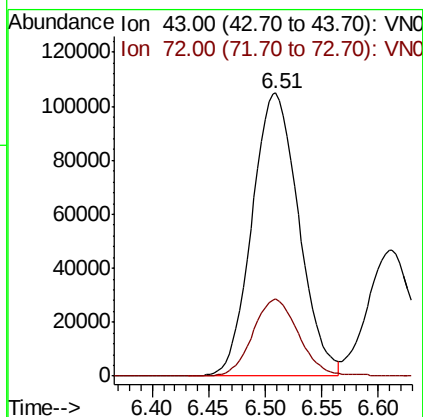
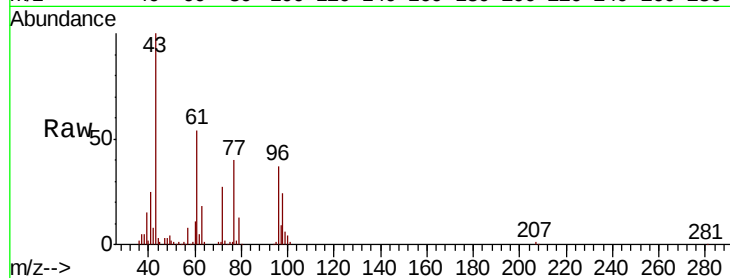




#25
2-Butanone
Concen: 222.894 ug/l
RT: 6.51 min Scan# 1530
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

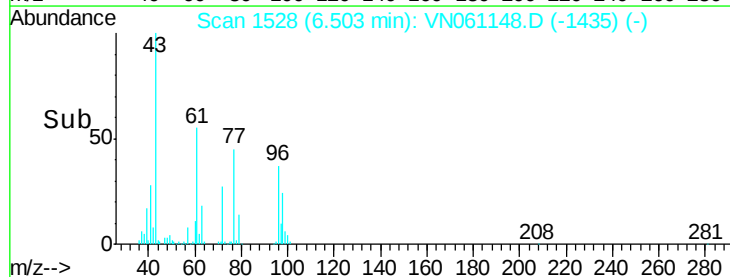
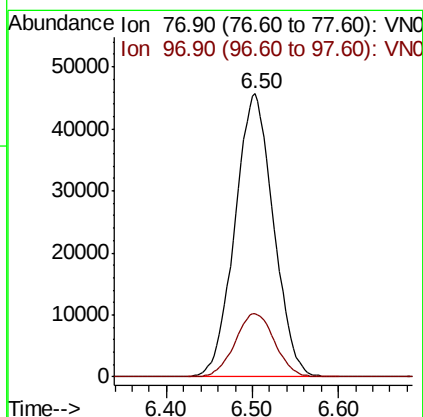
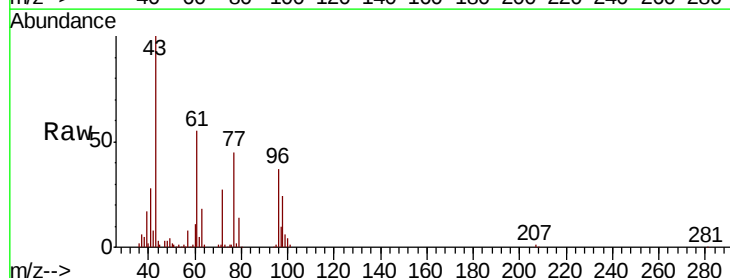
Instrument :
MSVOA_V
ClientSampled :

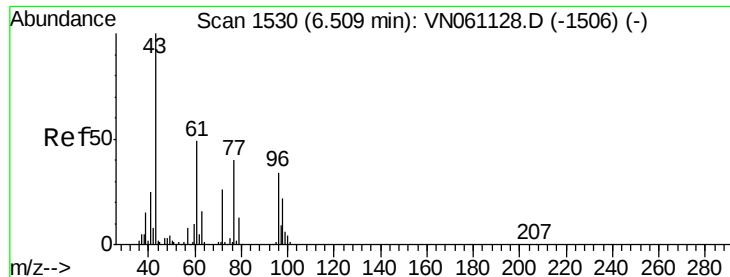
Tot Ion: 43 Resp: 301522
Ion Ratio Lower Upper
43 100
72 27.1 20.8 31.2



#26
2,2-Dichloropropane
Concen: 41.688 ug/l
RT: 6.50 min Scan# 1528
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Tgt Ion: 77 Resp: 142259
Ion Ratio Lower Upper
77 100
97 23.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 44.842 ug/l

RT: 6.51 min Scan# 1529

Delta R.T. -0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

Instrument :
MSVOA_V
ClientSampleId :

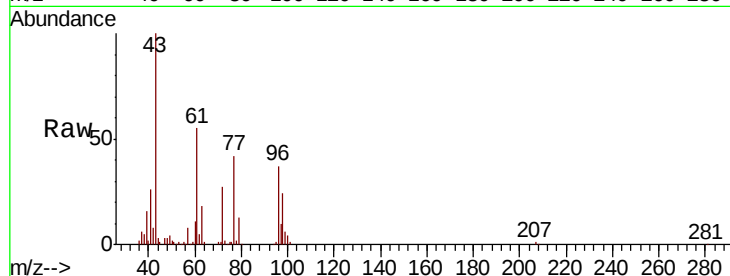
Tot Ion: 96 Resp: 111613

Ion Ratio Lower Upper

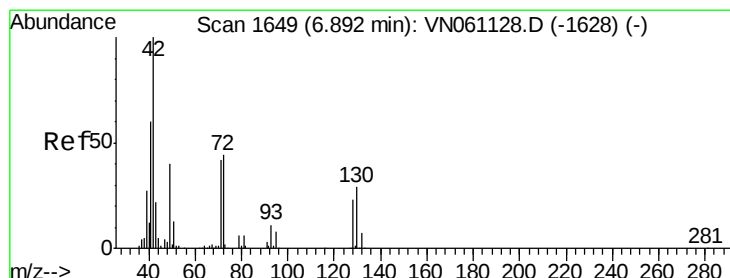
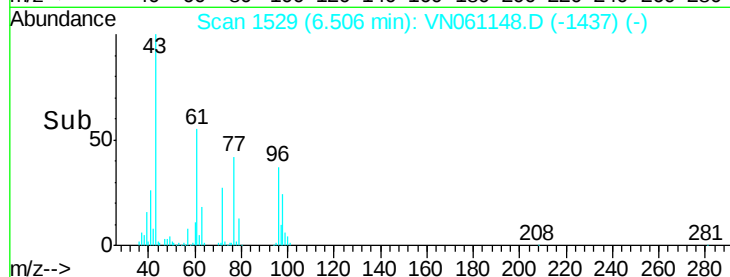
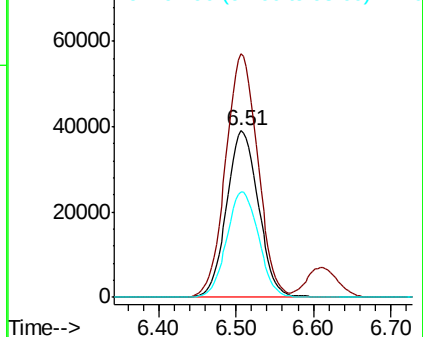
96 100

61 147.1 0.0 300.4

98 63.6 0.0 129.6



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



#28

Bromochloromethane

Concen: 50.763 ug/l

RT: 6.90 min Scan# 1650

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

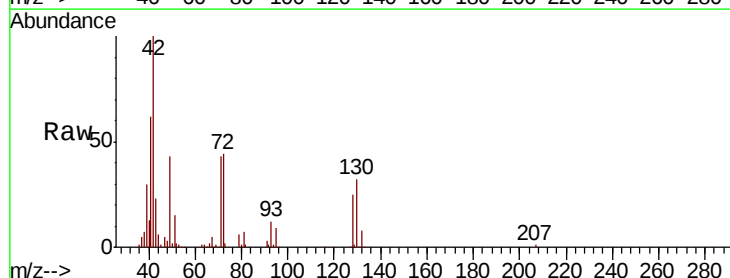
Tgt Ion: 49 Resp: 82649

Ion Ratio Lower Upper

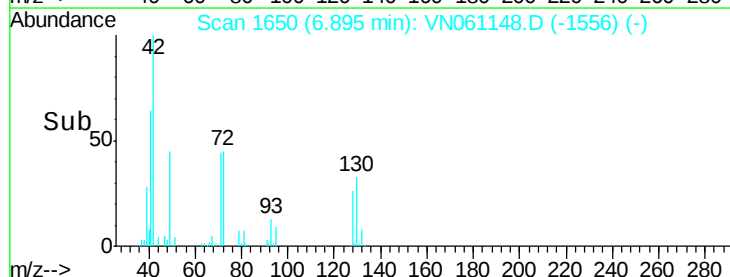
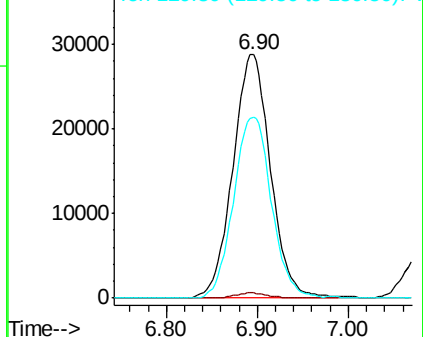
49 100

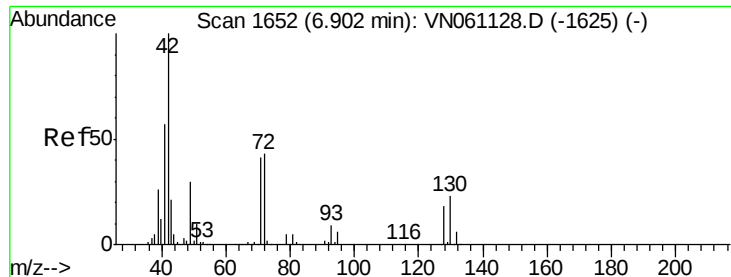
129 1.8 0.0 2.2

130 74.7 59.7 89.5



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

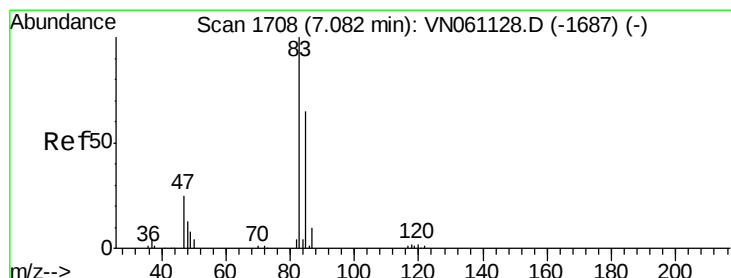
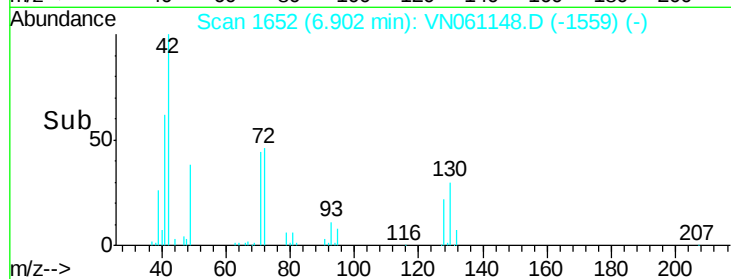
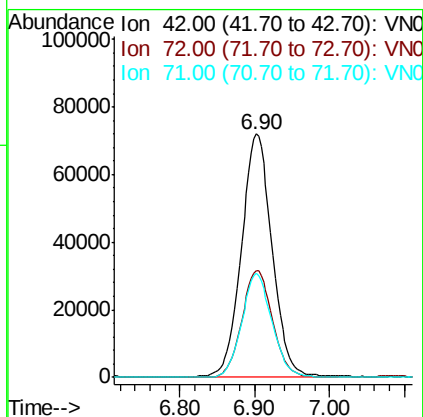
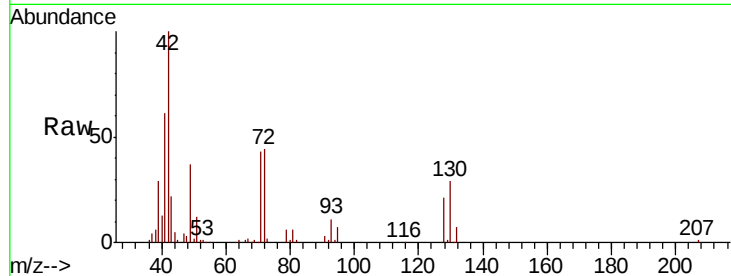




#29
Tetrahydrofuran
Concen: 220.828 ug/l
RT: 6.90 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

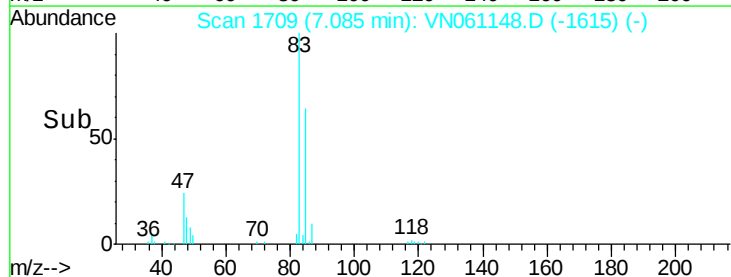
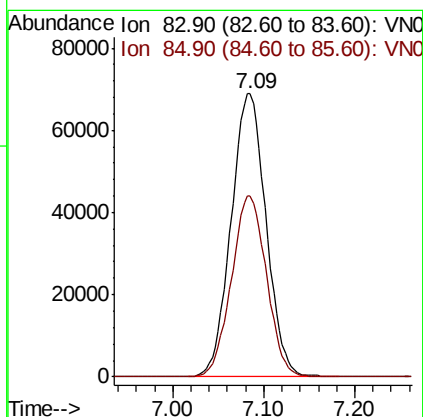
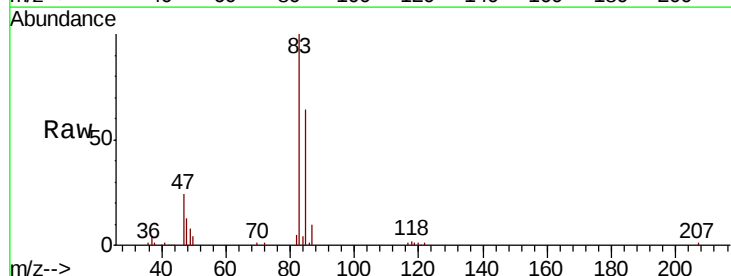
Instrument :
MSVOA_V
ClientSampleId :

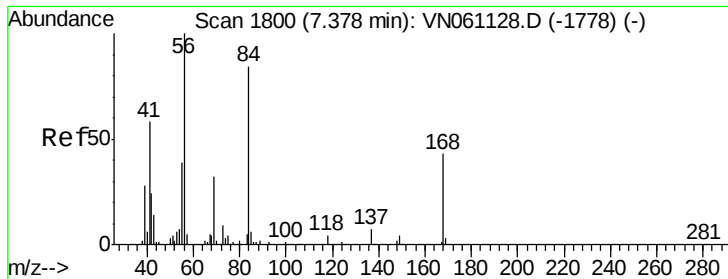
Tot Ion: 42 Resp: 205656
Ion Ratio Lower Upper
42 100
72 43.7 35.1 52.7
71 41.7 33.0 49.6



#30
Chloroform
Concen: 47.953 ug/l
RT: 7.09 min Scan# 1709
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Tgt Ion: 83 Resp: 183762
Ion Ratio Lower Upper
83 100
85 63.8 52.2 78.4

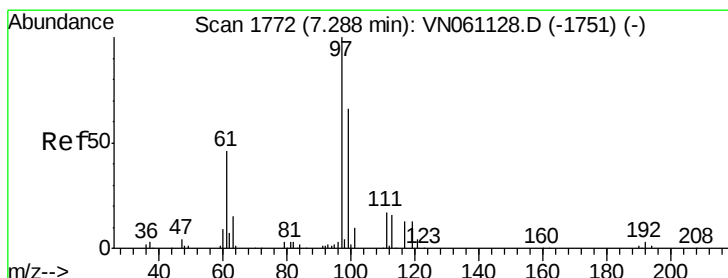
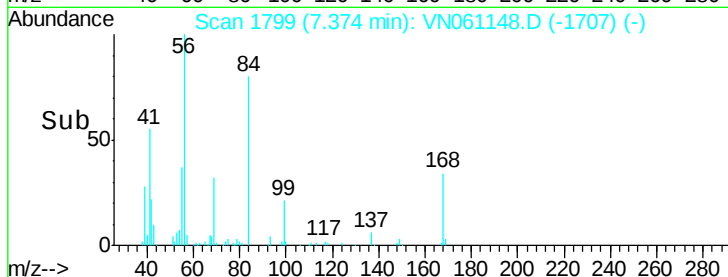
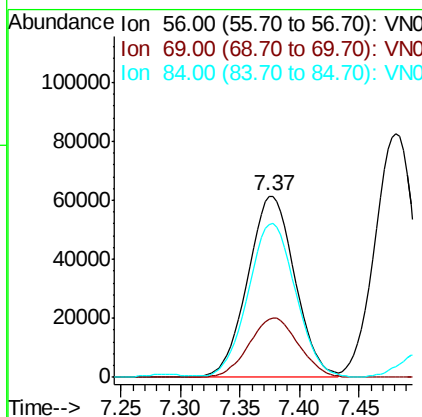
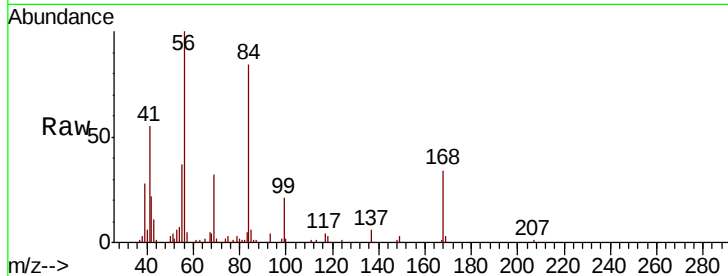




#31
Cyclohexane
Concen: 44.281 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

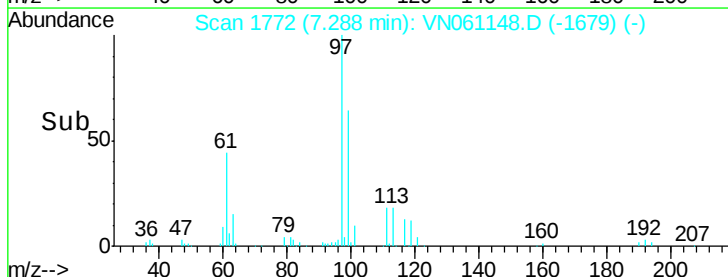
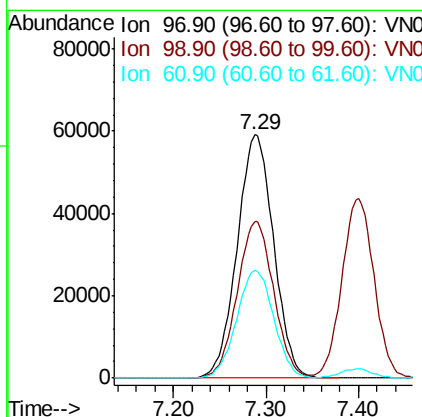
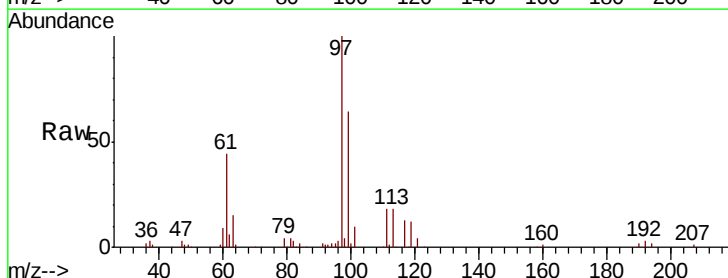
Instrument :
MSVOA_V
ClientSampled :

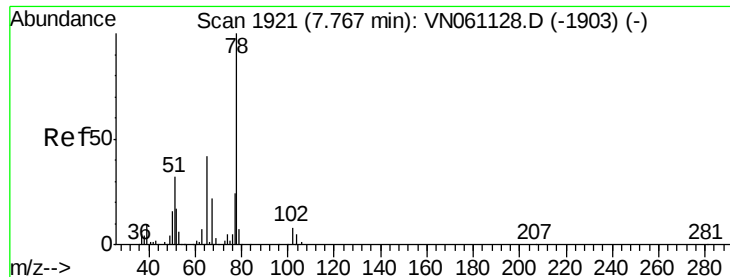
Tot Ion: 56 Resp: 168757
Ion Ratio Lower Upper
56 100
69 32.3 25.9 38.9
84 83.6 67.4 101.0



#32
1,1,1-Trichloroethane
Concen: 47.243 ug/l
RT: 7.29 min Scan# 1772
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Tgt Ion: 97 Resp: 161461
Ion Ratio Lower Upper
97 100
99 64.2 52.0 78.0
61 45.0 35.9 53.9

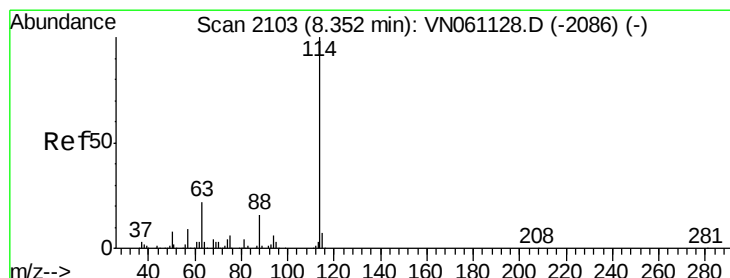
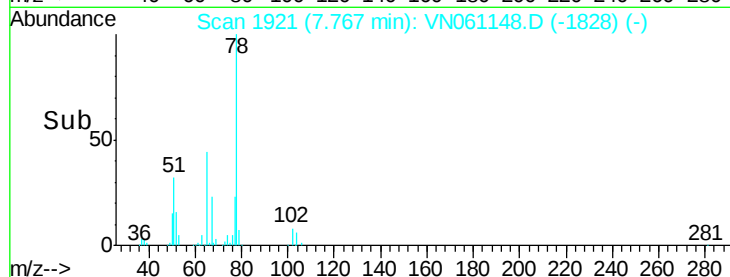
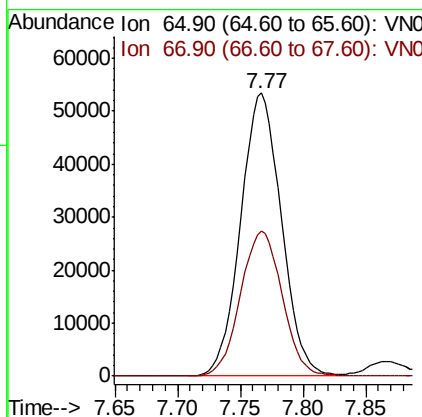
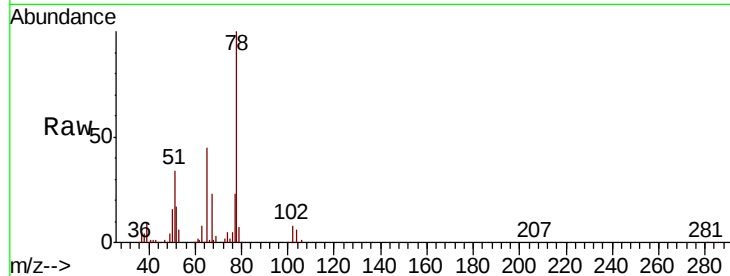




#33
 1,2-Dichloroethane-d4
 Concen: 48.692 ug/l
 RT: 7.77 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

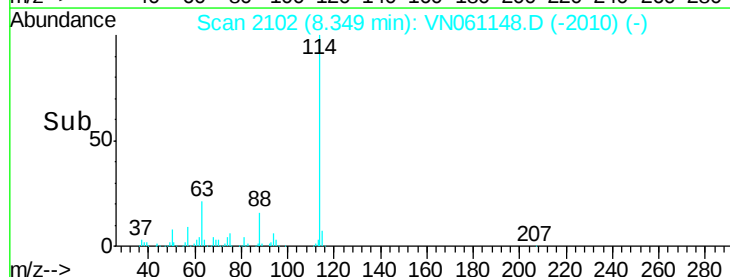
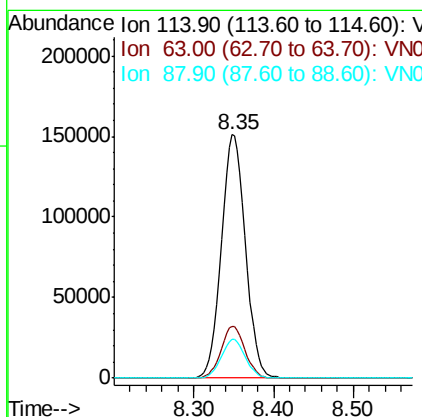
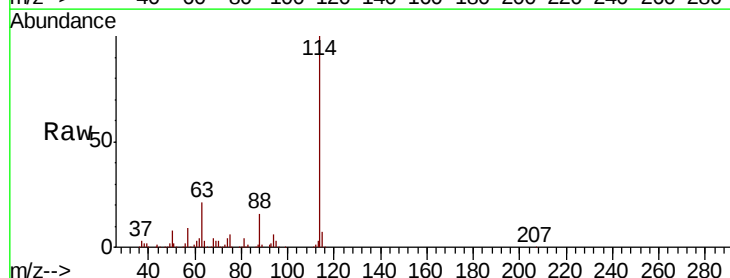
Instrument :
 MSVOA_V
 ClientSampleId :

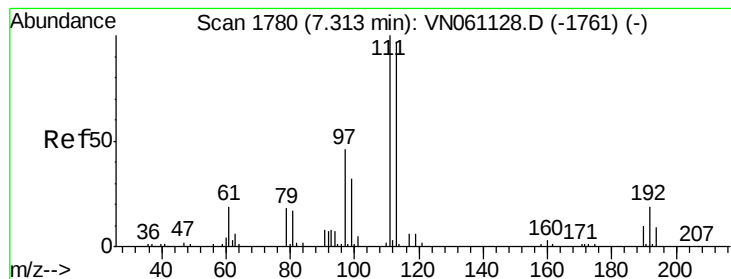
Tot Ion: 65 Resp: 120872
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.35 min Scan# 2102
 Delta R.T. -0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

Tgt Ion: 114 Resp: 313158
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 43.2
 88 16.0 0.0 32.4





#35

Dibromofluoromethane

Concen: 49.096 ug/l

RT: 7.31 min Scan# 1780

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

Instrument :

MSVOA_V

ClientSampleId :

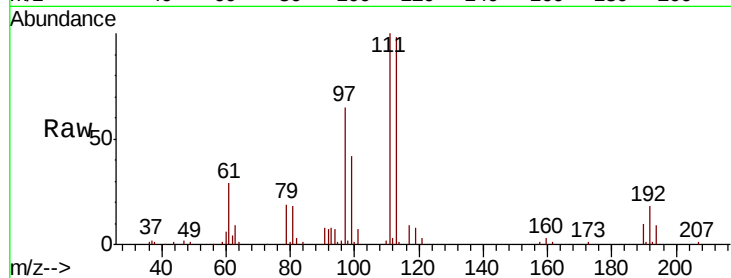
Tot Ion:113 Resp: 87742

Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.0	124.6
192	19.3	15.8	23.6

113 100

111 103.1 83.0 124.6

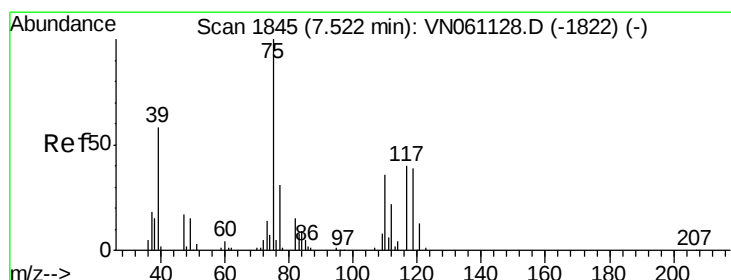
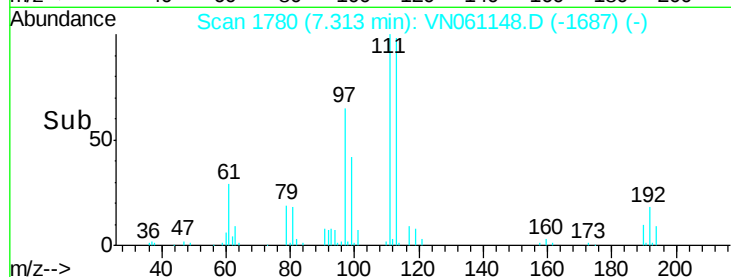
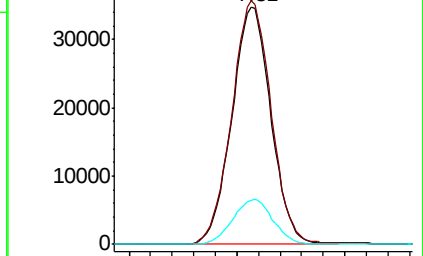
192 19.3 15.8 23.6



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: 45.081 ug/l

RT: 7.52 min Scan# 1845

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

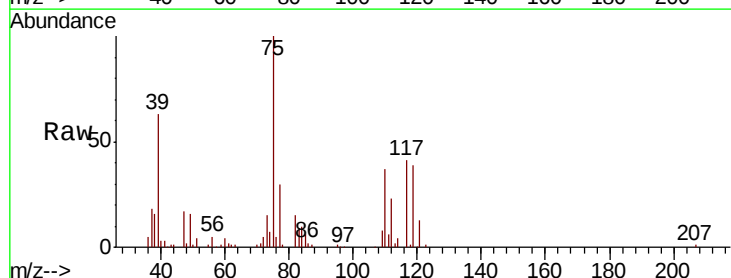
Tgt Ion: 75 Resp: 137975

Ion	Ratio	Lower	Upper
75	100		
110	35.6	17.7	53.1
77	31.0	24.8	37.2

75 100

110 35.6 17.7 53.1

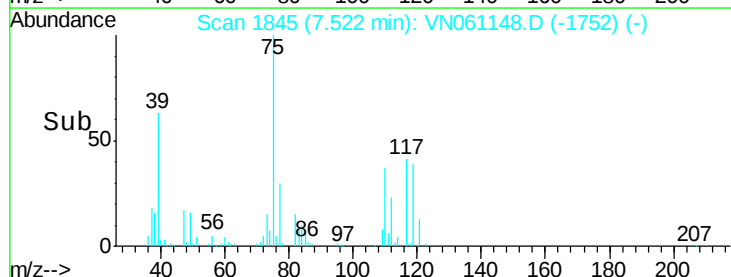
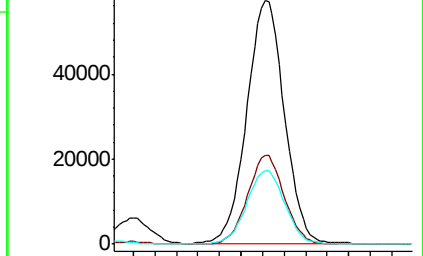
77 31.0 24.8 37.2

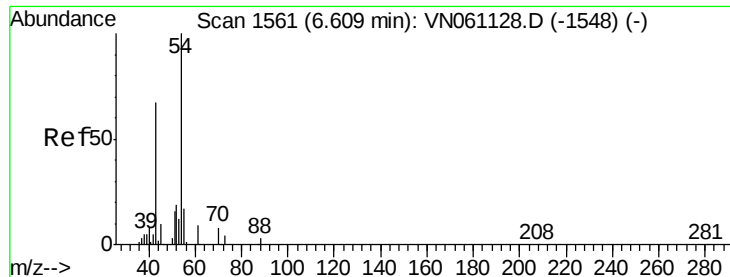


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VN0

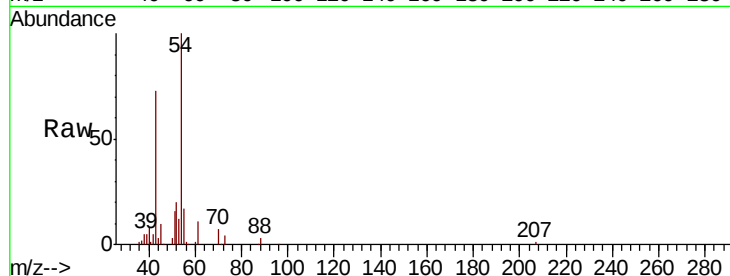




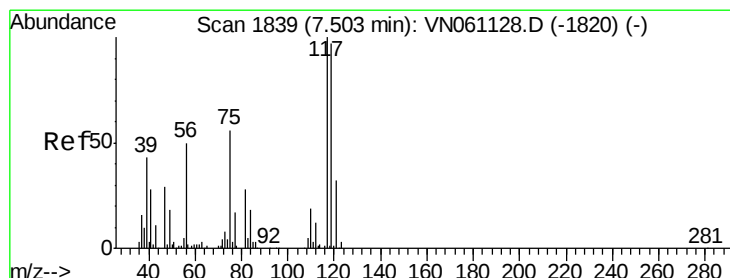
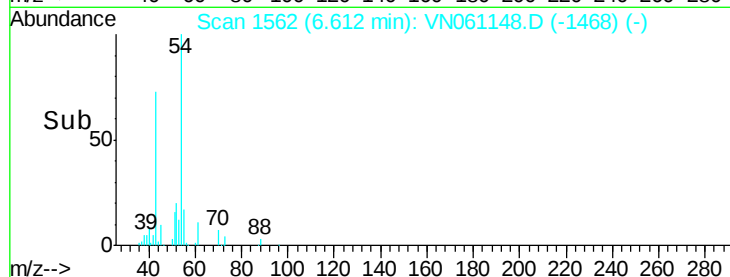
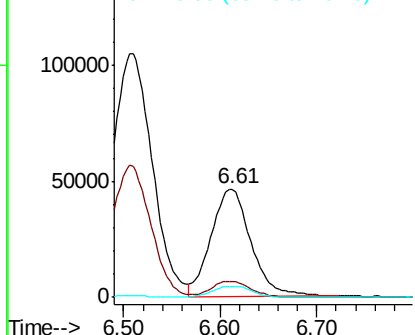
#37
Ethyl Acetate
Concen: 43.390 ug/l
RT: 6.61 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 133095
Ion Ratio Lower Upper
43 100
61 14.4 11.4 17.0
70 10.3 8.2 12.4

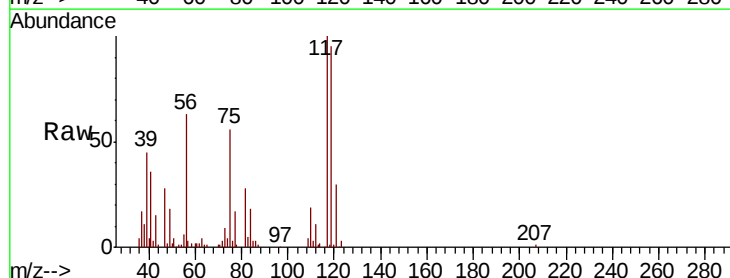


Abundance Ion 43.00 (42.70 to 43.70): VN061148.D (-1548) (-)
Ion 60.90 (60.60 to 61.60): VN061148.D (-1548) (-)
Ion 70.00 (69.70 to 70.70): VN061148.D (-1548) (-)

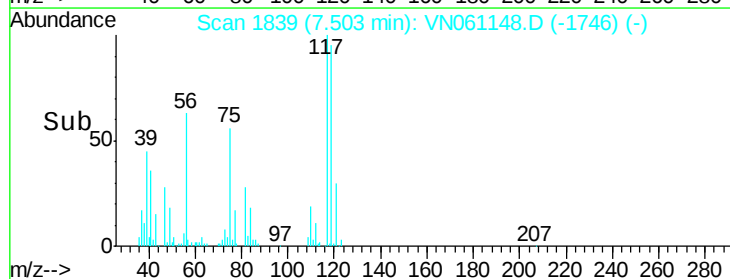
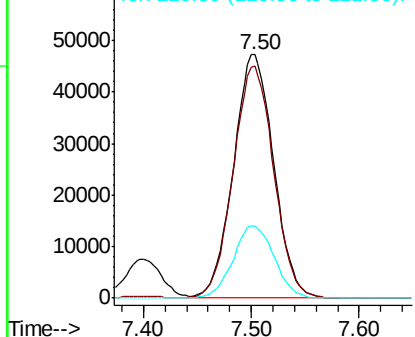


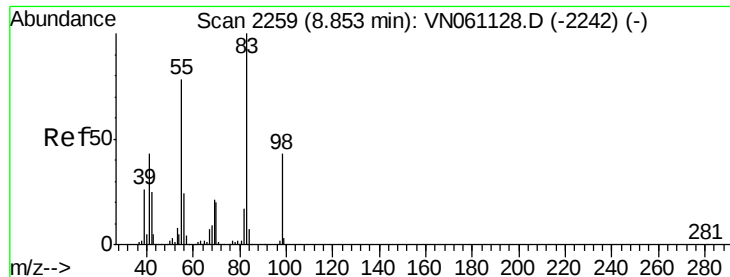
#38
Carbon Tetrachloride
Concen: 45.779 ug/l
RT: 7.50 min Scan# 1839
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Tgt Ion: 117 Resp: 122656
Ion Ratio Lower Upper
117 100
119 95.1 76.9 115.3
121 29.7 25.0 37.6



Abundance Ion 116.80 (116.50 to 117.50): VN061148.D (-1746) (-)
Ion 118.80 (118.50 to 119.50): VN061148.D (-1746) (-)
Ion 120.80 (120.50 to 121.50): VN061148.D (-1746) (-)

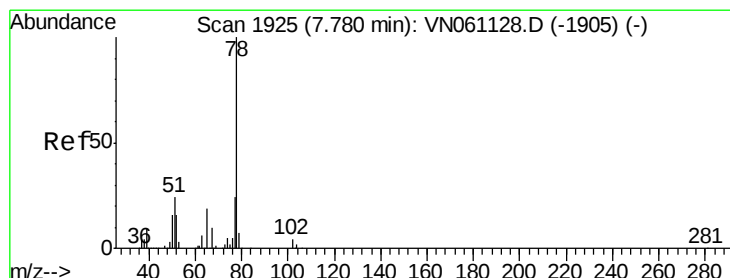
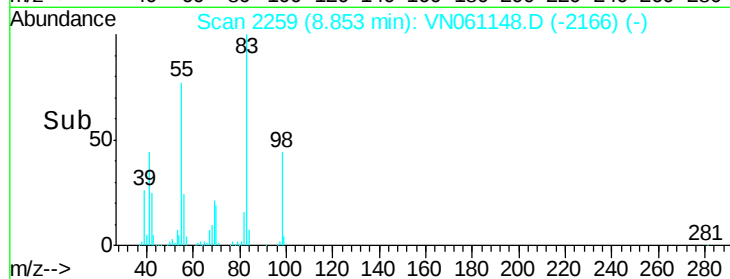
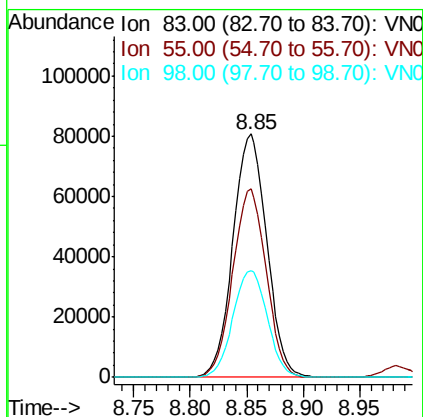
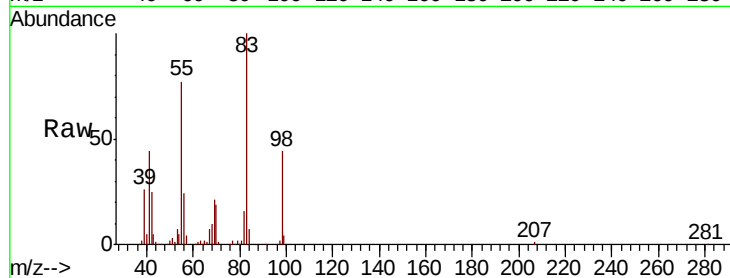




#39
Methvlcvclohexane
Concen: 44.945 ug/l
RT: 8.85 min Scan# 2259
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

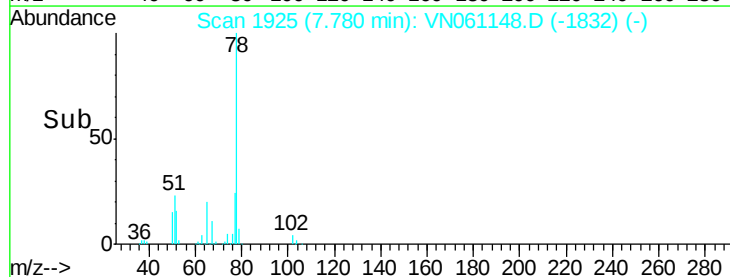
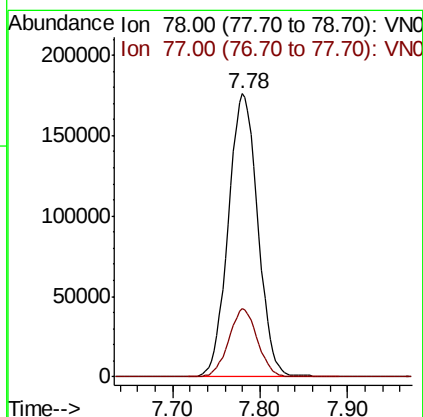
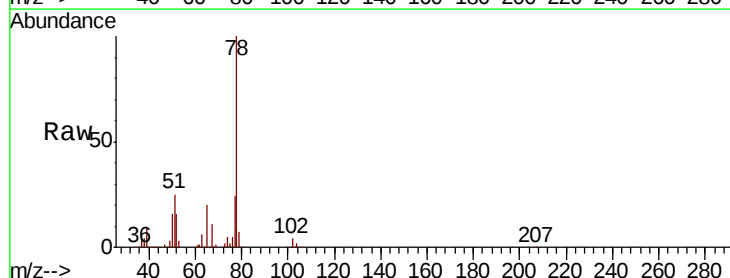
Instrument :
MSVOA_V
ClientSampled :

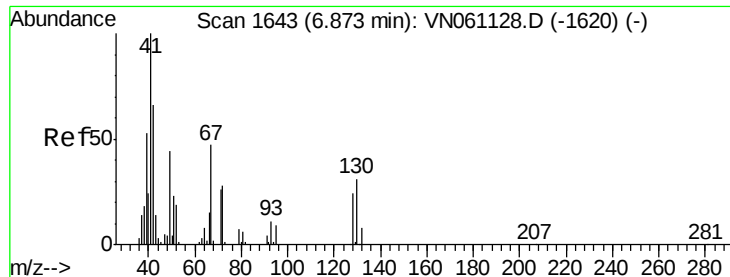
Tot Ion: 83 Resp: 168189
Ion Ratio Lower Upper
83 100
55 77.3 62.2 93.4
98 44.1 34.7 52.1



#40
Benzene
Concen: 45.463 ug/l
RT: 7.78 min Scan# 1925
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Tgt Ion: 78 Resp: 412002
Ion Ratio Lower Upper
78 100
77 24.0 19.0 28.6

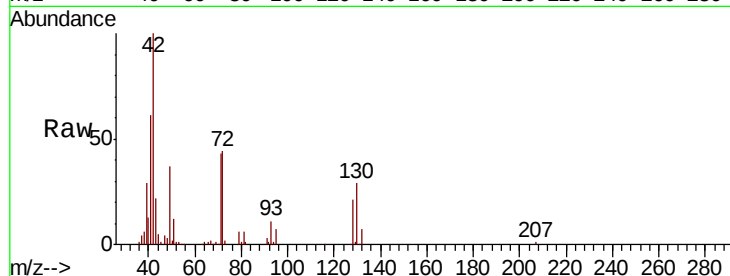




#41
Methacrylonitrile
Concen: 130.360 ug/l
RT: 6.90 min Scan# 1652
Delta R.T. 0.03 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
41	100		
39	50.3	119.4	179.0#
67	0.0	0.0	0.0
52	0.0	0.0	0.0



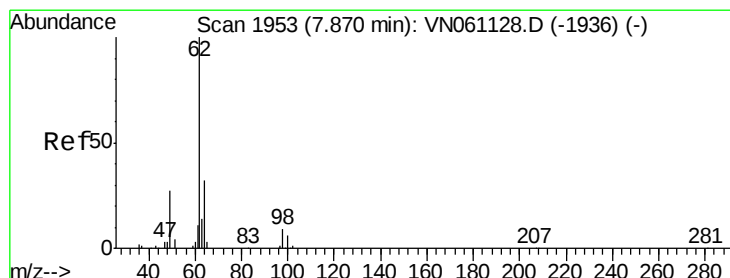
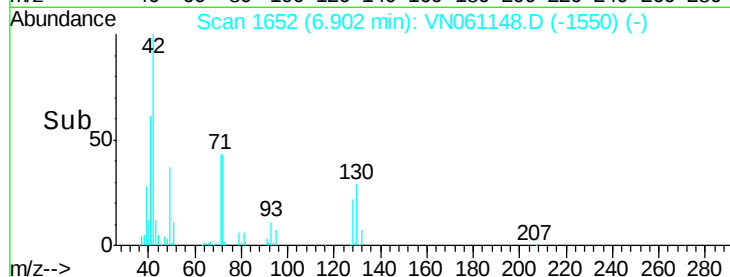
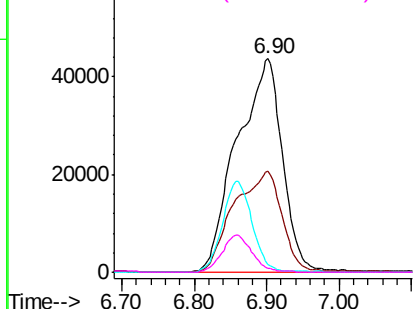
Abundance

Ion 41.00 (40.70 to 41.70): VNC

Ion 39.00 (38.70 to 39.70): VNC

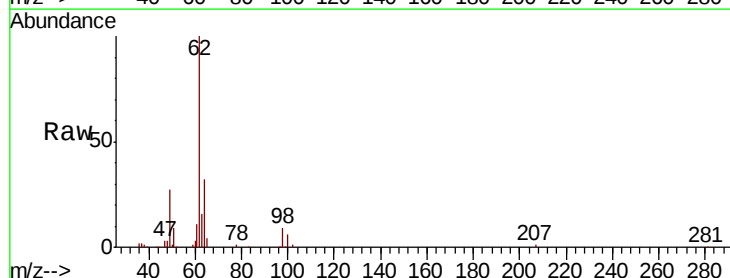
Ion 67.00 (66.70 to 67.70): VNC

Ion 52.00 (51.70 to 52.70): VNC



#42
1,2-Dichloroethane
Concen: 45.232 ug/l
RT: 7.87 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

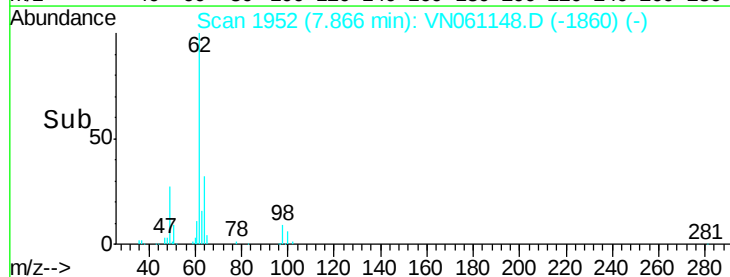
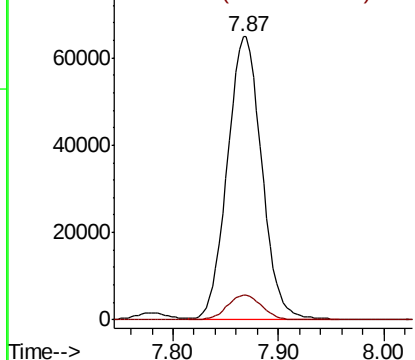
Tgt Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.0

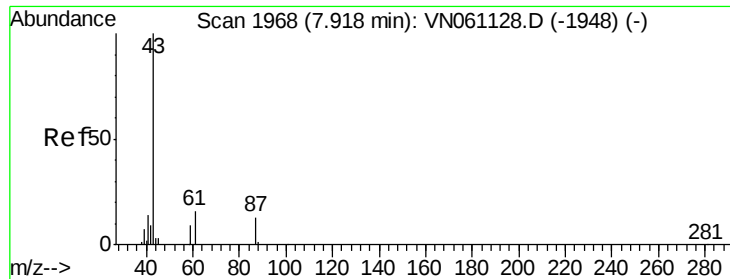


Abundance

Ion 61.90 (61.60 to 62.60): VNC

Ion 97.90 (97.60 to 98.60): VNC





#43

Isopropyl Acetate

Concen: 44.488 ug/l

RT: 7.92 min Scan# 1968

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

Instrument :

MSVOA_V

ClientSampleId :

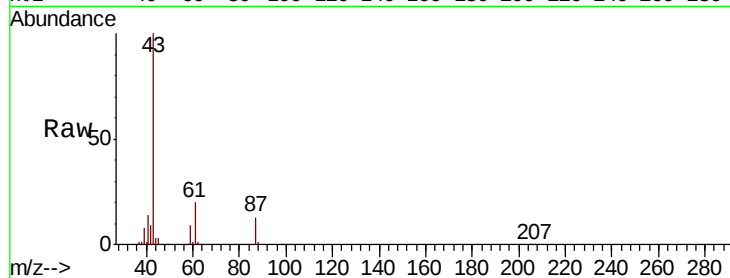
Tot Ion: 43 Resp: 231767

Ion Ratio Lower Upper

43 100

61 20.0 15.5 23.3

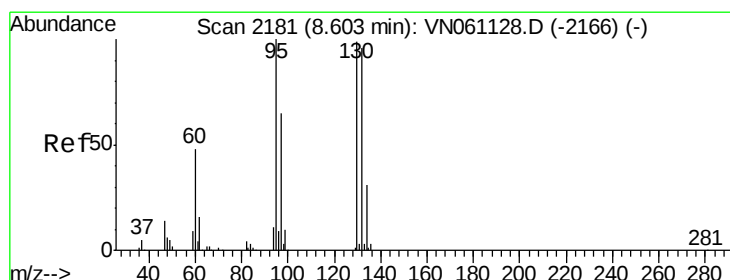
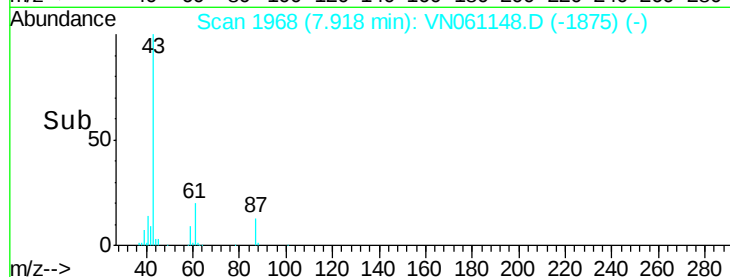
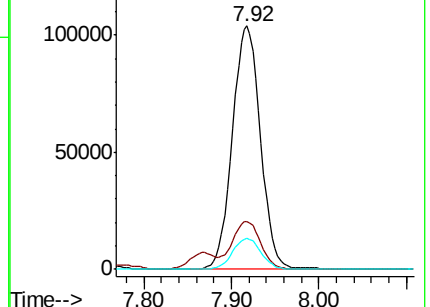
87 12.9 10.2 15.4



Abundance Ion 43.00 (42.70 to 43.70): VN061148.D (-1948) (-)

Ion 61.00 (60.70 to 61.70): VN061148.D (-1948) (-)

Ion 87.00 (86.70 to 87.70): VN061148.D (-1948) (-)



#44

Trichloroethene

Concen: 44.725 ug/l

RT: 8.60 min Scan# 2181

Delta R.T. 0.00 min

Lab File: VN061148.D

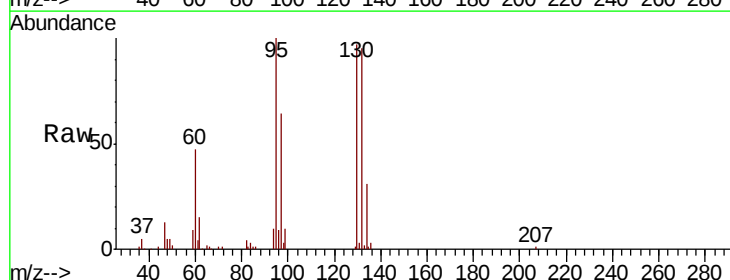
Acq: 22 Apr 2020 23:18

Tgt Ion:130 Resp: 117840

Ion Ratio Lower Upper

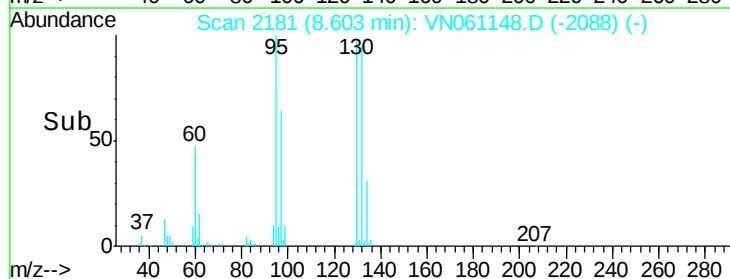
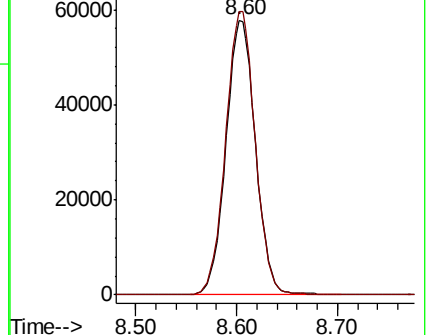
130 100

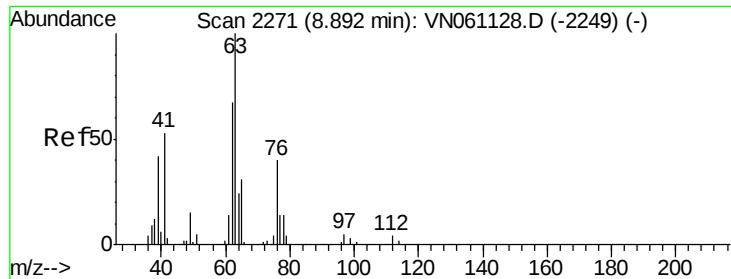
95 102.9 0.0 202.6



Abundance Ion 129.80 (129.50 to 130.50): VN061148.D (-2181) (-)

Ion 94.90 (94.60 to 95.60): VN061148.D (-2181) (-)

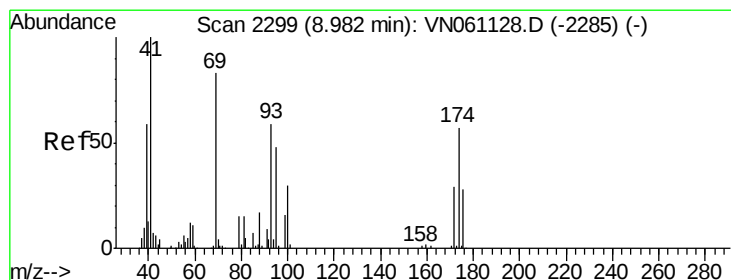
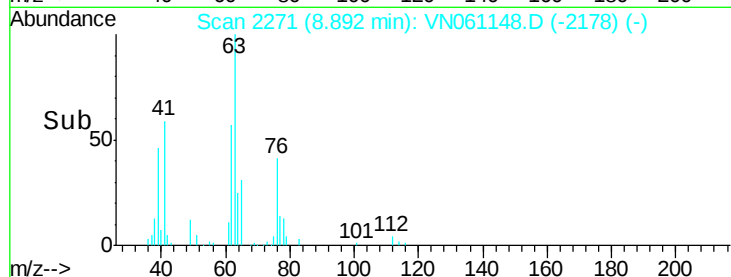
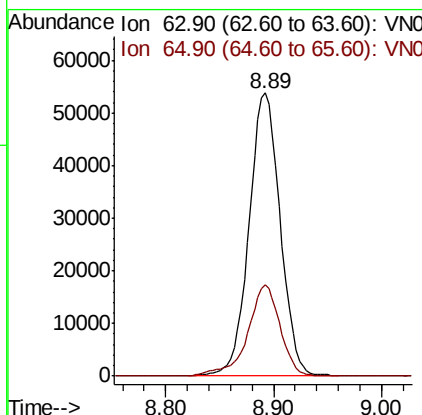
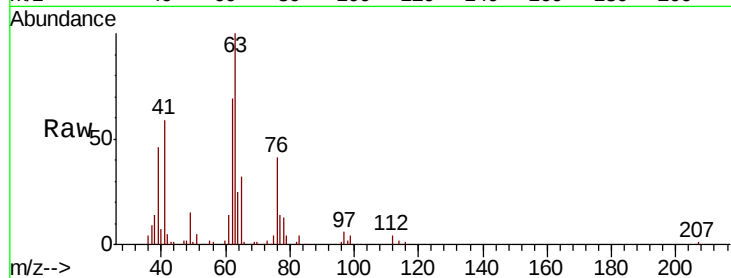




#45
 1,2-Dichloropropane
 Concen: 45.069 ug/l
 RT: 8.89 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

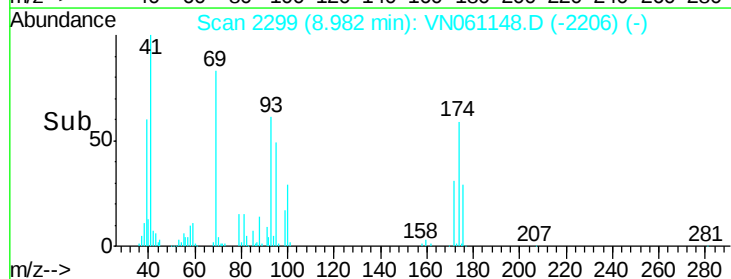
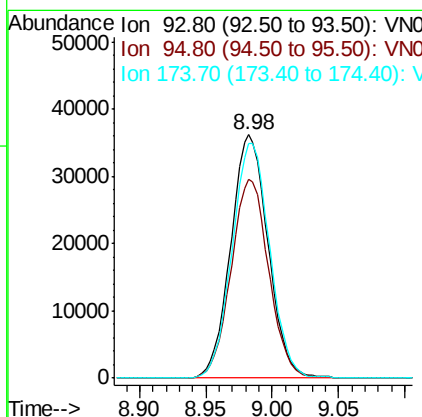
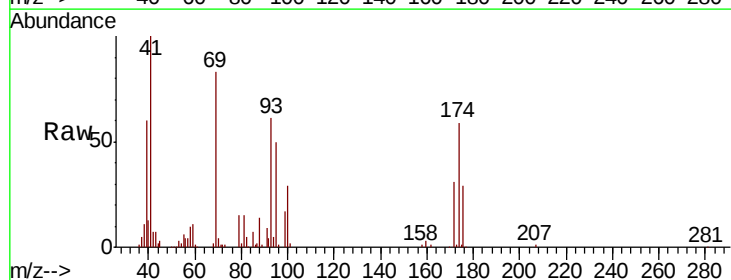
Instrument :
 MSVOA_V
 ClientSampleId :

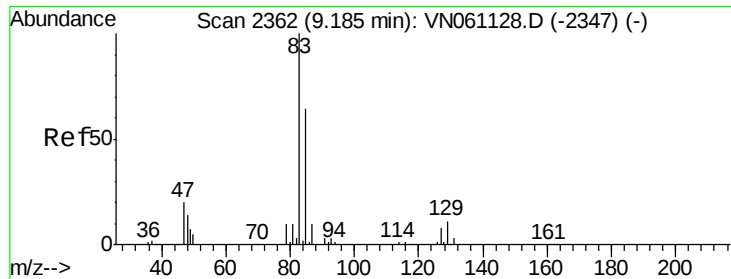
Tot Ion: 63 Resp: 108061
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.7 37.1



#46
 Dibromomethane
 Concen: 45.980 ug/l
 RT: 8.98 min Scan# 2299
 Delta R.T. 0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

Tgt Ion: 93 Resp: 70646
 Ion Ratio Lower Upper
 93 100
 95 82.5 65.0 97.4
 174 97.5 77.8 116.6

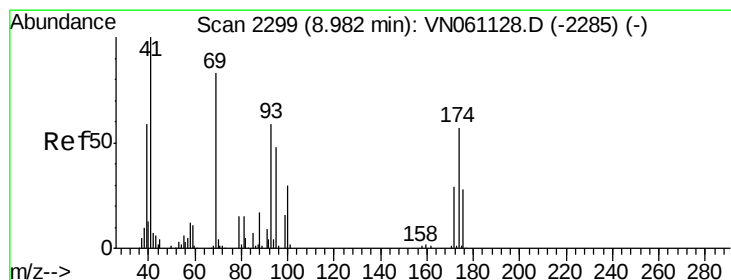
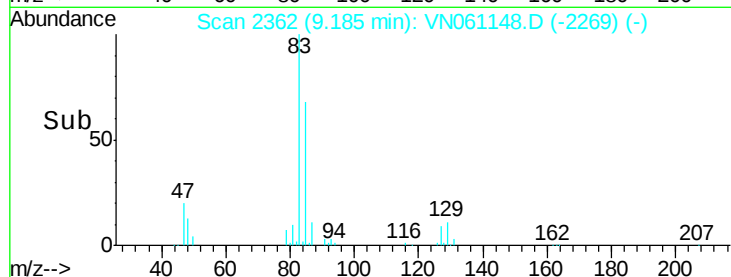
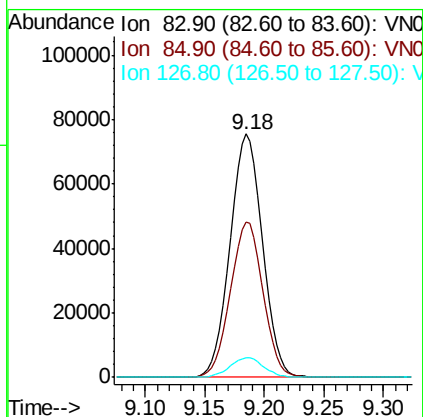
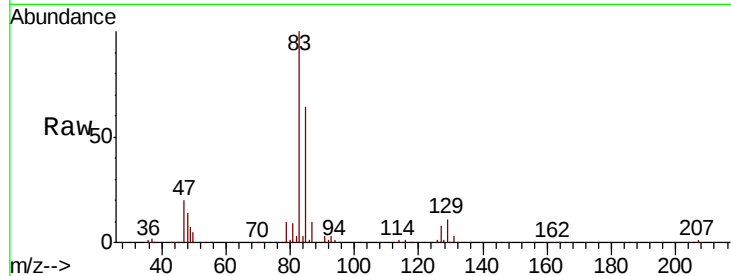




#47
Bromodichloromethane
Concen: 47.167 ug/l
RT: 9.18 min Scan# 2362
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

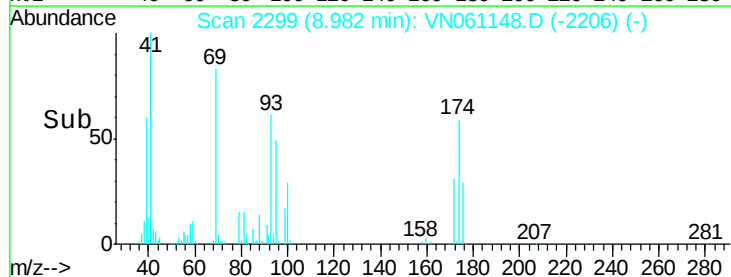
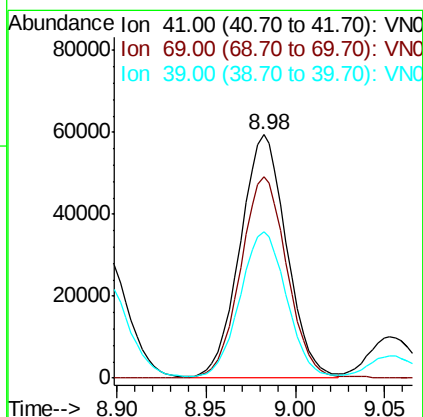
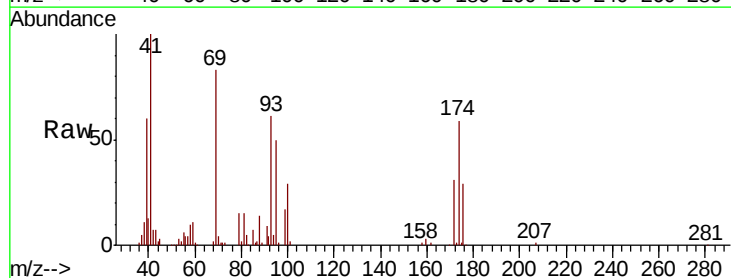
Instrument :
MSVOA_V
ClientSampleId :

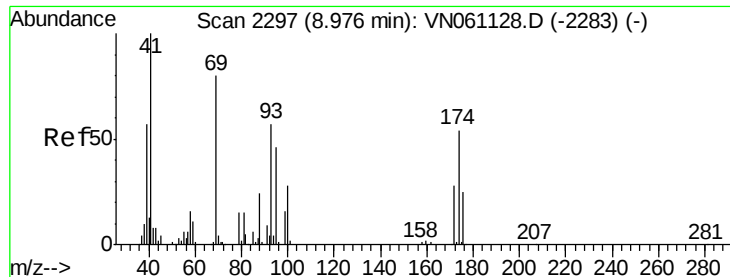
Tot Ion: 83 Resp: 142851
Ion Ratio Lower Upper
83 100
85 64.0 51.4 77.2
127 8.2 6.6 10.0



#48
Methyl methacrylate
Concen: 43.982 ug/l
RT: 8.98 min Scan# 2299
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Tgt Ion: 41 Resp: 107884
Ion Ratio Lower Upper
41 100
69 82.9 65.4 98.2
39 60.9 47.8 71.6





#49

1,4-Dioxane

Concen: 779.935 ug/l

RT: 8.97 min Scan# 2296

Delta R.T. -0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

Instrument :
MSVOA_V
ClientSampled :

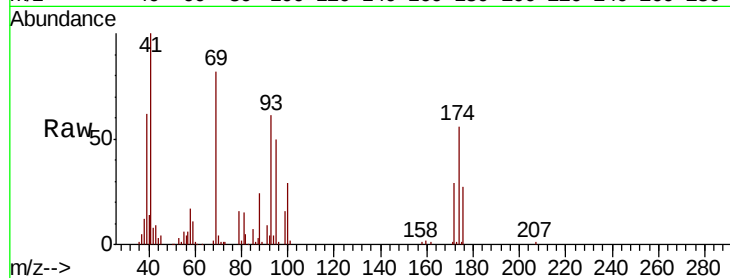
Tot Ion: 88 Resp: 20250

Ion Ratio Lower Upper

88 100

43 38.2 29.0 43.4

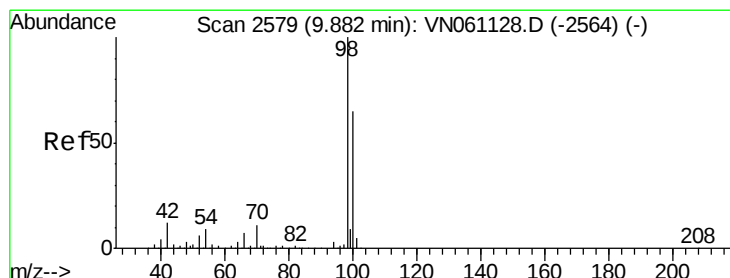
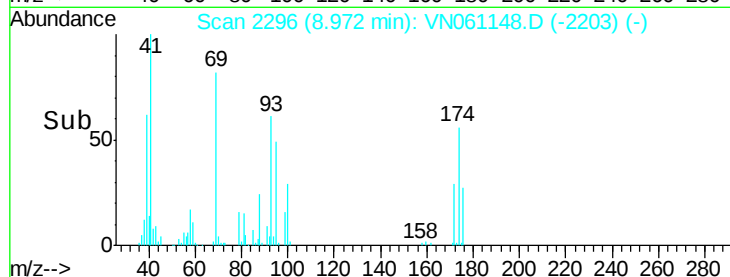
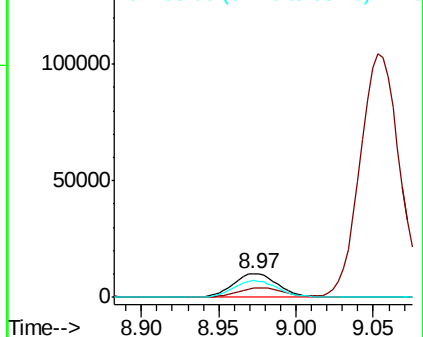
58 70.5 57.8 86.6



Abundance Ion 88.00 (87.70 to 88.70): VN061148.D (-2296) (-)

Ion 43.00 (42.70 to 43.70): VN061148.D (-2296) (-)

Ion 58.00 (57.70 to 58.70): VN061148.D (-2296) (-)



#50

Toluene-d8

Concen: 47.492 ug/l

RT: 9.88 min Scan# 2579

Delta R.T. 0.00 min

Lab File: VN061148.D

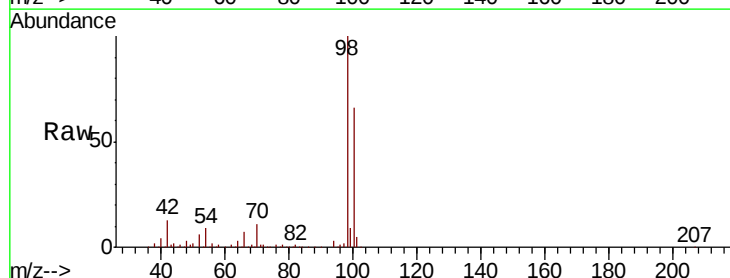
Acq: 22 Apr 2020 23:18

Tgt Ion: 98 Resp: 363703

Ion Ratio Lower Upper

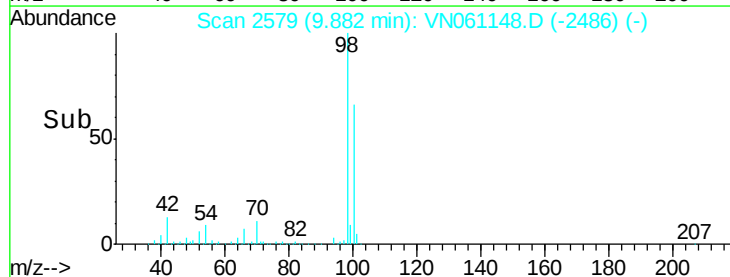
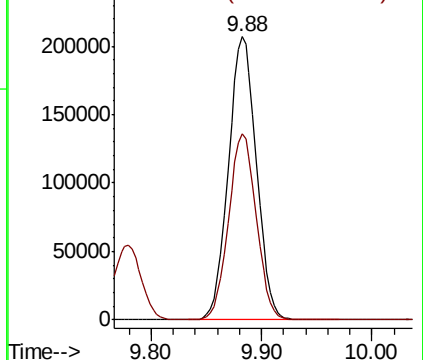
98 100

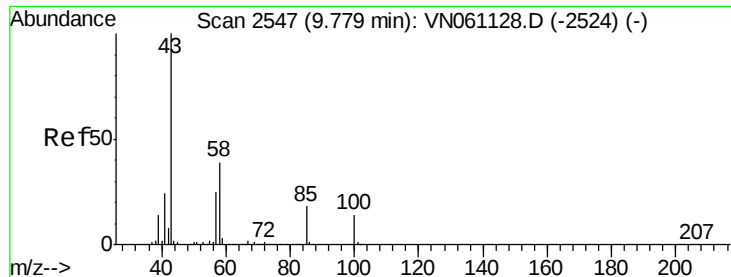
100 65.2 51.8 77.6



Abundance Ion 98.00 (97.70 to 98.70): VN061148.D (-2579) (-)

Ion 100.00 (99.70 to 100.70): VN061148.D (-2579) (-)





#51

4-Methyl-2-Pentanone

Concen: 220.525 ug/l

RT: 9.78 min Scan# 2546

Delta R.T. -0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

Instrument :

MSVOA_V

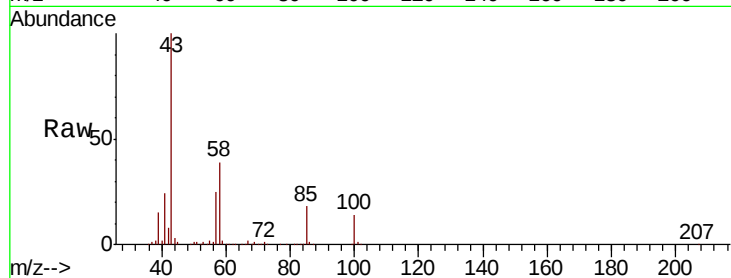
ClientSampleId :

Tot Ion: 43 Resp: 670562

Ion Ratio Lower Upper

43 100

58 38.9 31.0 46.6



Abundance Ion 43.00 (42.70 to 43.70): VN061128.D (-2524) (-)

Ion 58.00 (57.70 to 58.70): VN061128.D (-2524) (-)

9.78

400000

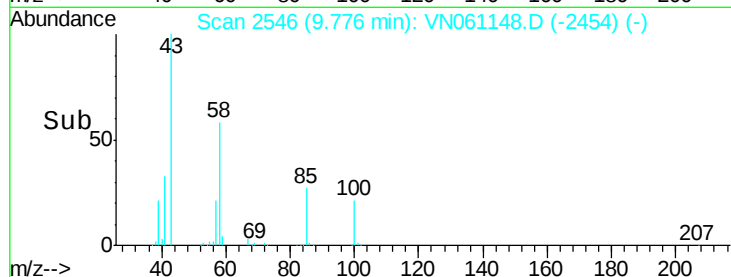
300000

200000

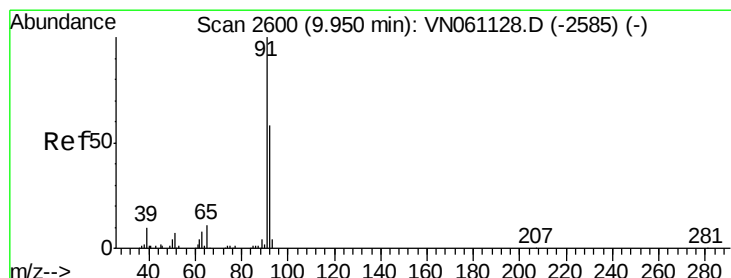
100000

0

Time-->



Time-->



#52

Toluene

Concen: 45.457 ug/l

RT: 9.95 min Scan# 2599

Delta R.T. -0.00 min

Lab File: VN061148.D

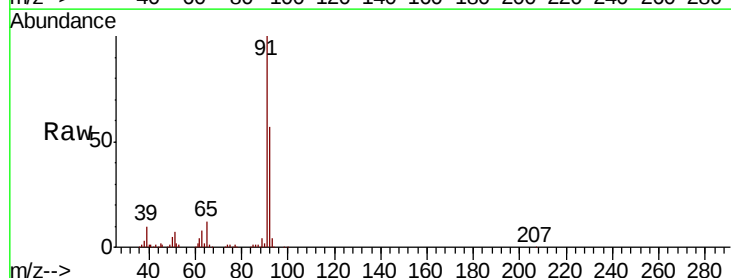
Acq: 22 Apr 2020 23:18

Tgt Ion: 92 Resp: 257884

Ion Ratio Lower Upper

92 100

91 174.2 138.3 207.5



Abundance Ion 92.00 (91.70 to 92.70): VN061128.D (-2585) (-)

Ion 91.00 (90.70 to 91.70): VN061128.D (-2585) (-)

300000

250000

200000

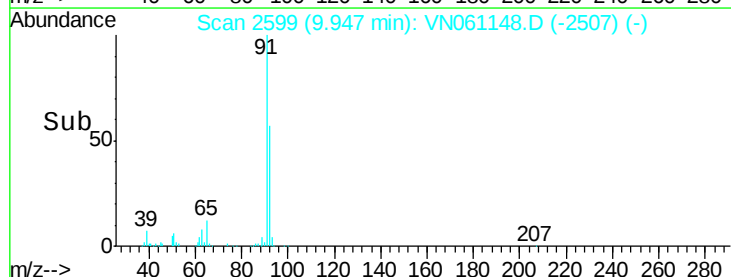
150000

100000

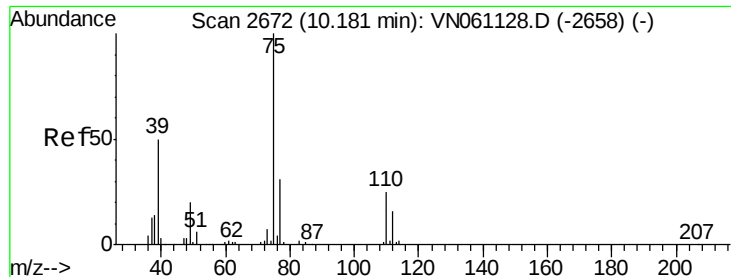
50000

0

Time-->



Time-->



#53

t-1,3-Dichloropropene

Concen: 44.442 ug/l

RT: 10.18 min Scan# 2672

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

Instrument :

MSVOA_V

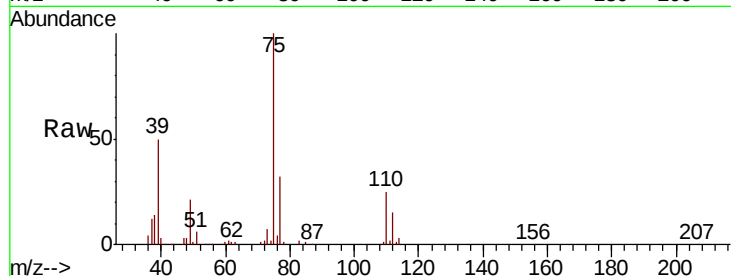
ClientSampled :

Tot Ion: 75 Resp: 164707

Ion Ratio Lower Upper

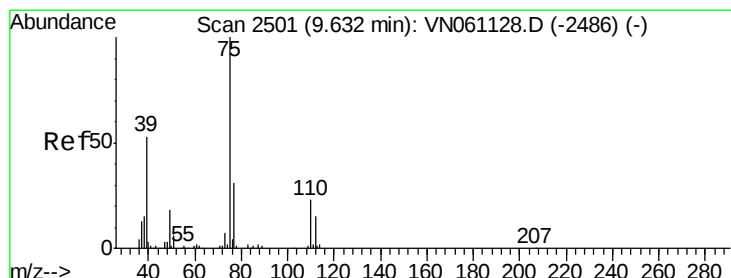
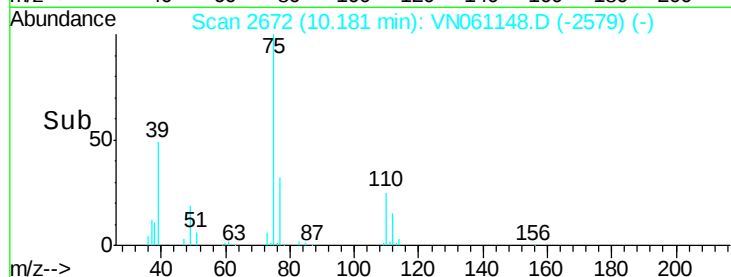
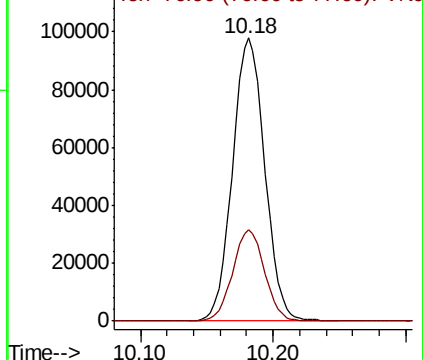
75 100

77 32.4 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0



#54

cis-1,3-Dichloropropene

Concen: 45.271 ug/l

RT: 9.63 min Scan# 2500

Delta R.T. -0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

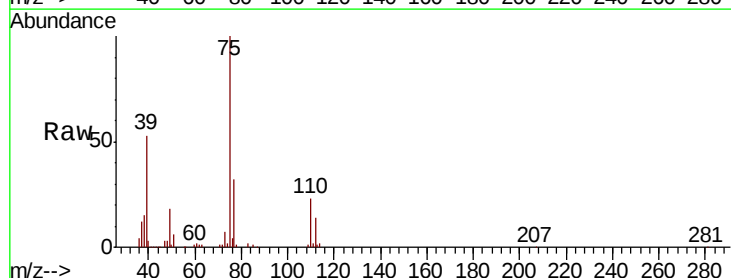
Tgt Ion: 75 Resp: 174545

Ion Ratio Lower Upper

75 100

77 31.7 25.2 37.8

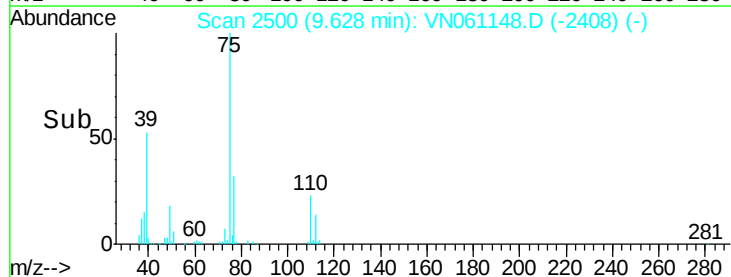
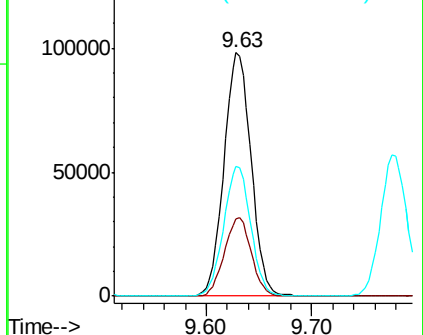
39 53.4 42.1 63.1

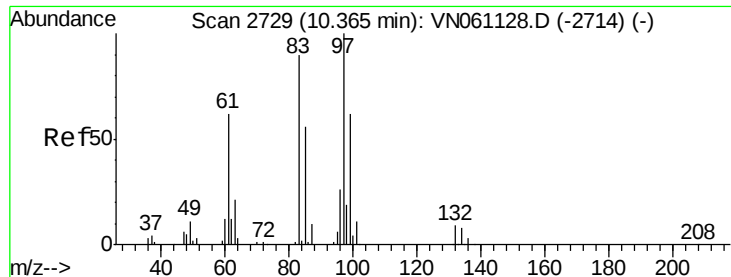


Abundance Ion 74.90 (74.60 to 75.60): VN0

Ion 76.90 (76.60 to 77.60): VN0

Ion 39.00 (38.70 to 39.70): VN0

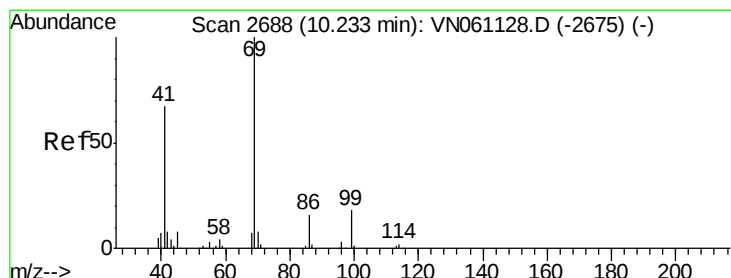
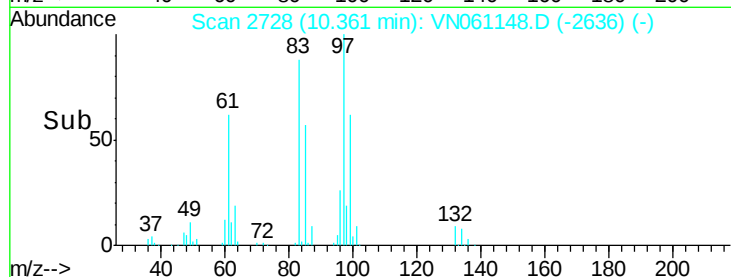
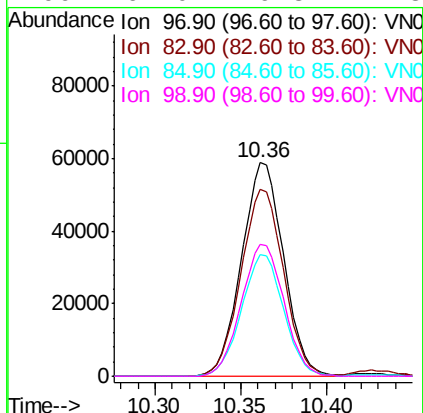
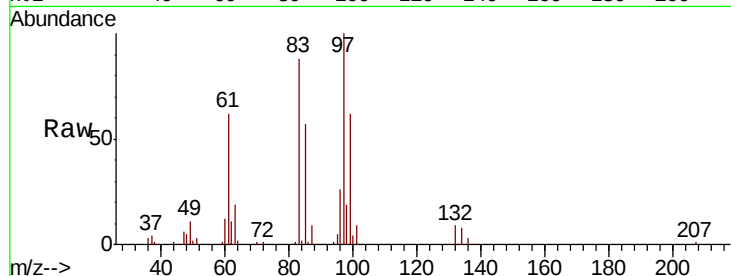




#55
 1,1,2-Trichloroethane
 Concen: 45.663 ug/l
 RT: 10.36 min Scan# 2728
 Delta R.T. -0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

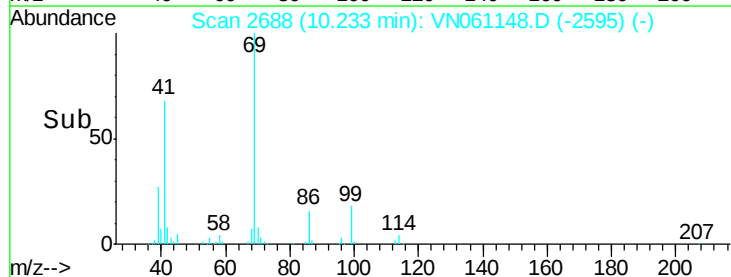
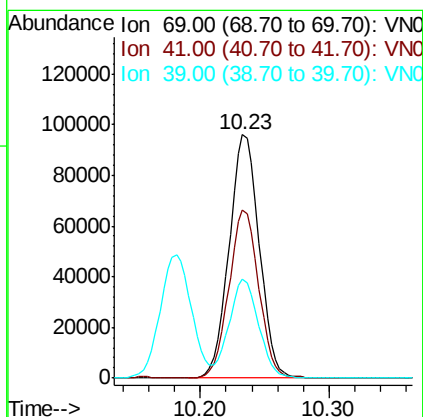
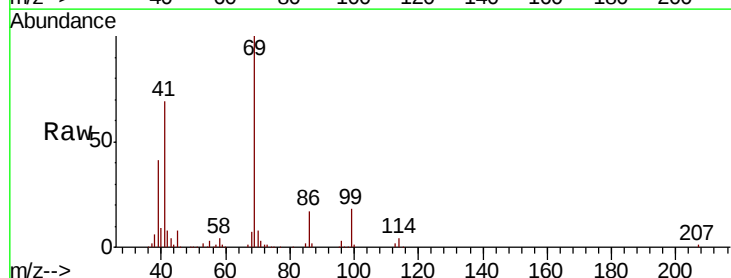
Instrument :
 MSVOA_V
 ClientSampleId :

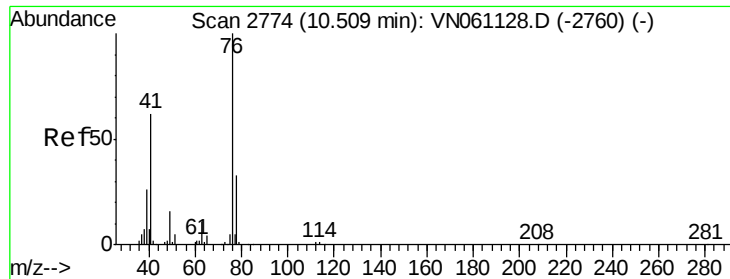
Tot Ion:	97	Resp:	99811
Ion	Ratio	Lower	Upper
97	100		
83	87.6	71.8	107.6
85	56.7	45.0	67.6
99	62.0	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 46.679 ug/l
 RT: 10.23 min Scan# 2688
 Delta R.T. 0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

Tgt Ion:	69	Resp:	155473
Ion	Ratio	Lower	Upper
69	100		
41	68.0	54.0	81.0
39	39.9	31.4	47.0





#57

1,3-Dichloropropane

Concen: 45.848 ug/l

RT: 10.51 min Scan# 2773

Delta R.T. -0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

Instrument :

MSVOA_V

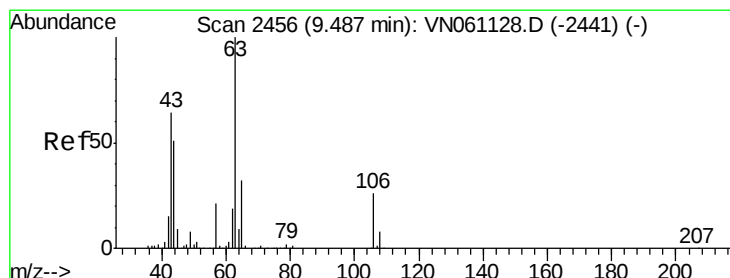
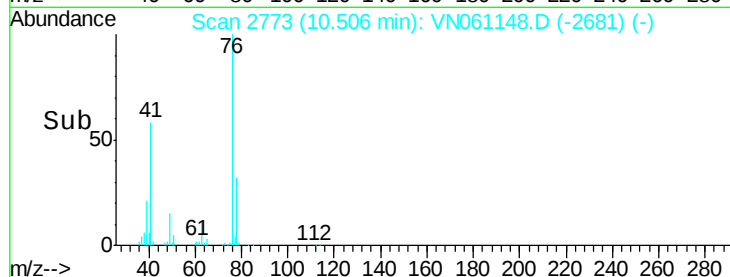
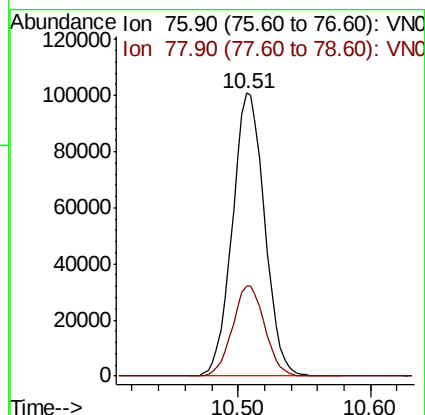
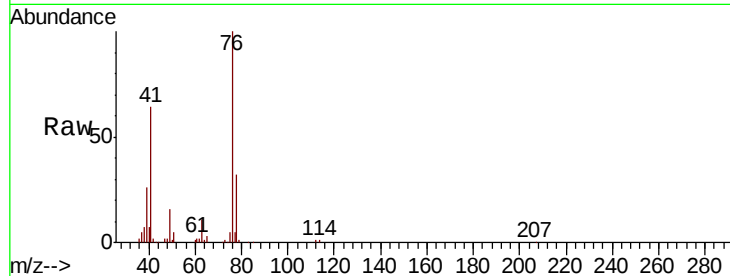
ClientSampled :

Tot Ion: 76 Resp: 170081

Ion Ratio Lower Upper

76 100

78 32.1 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 239.022 ug/l

RT: 9.49 min Scan# 2456

Delta R.T. 0.00 min

Lab File: VN061148.D

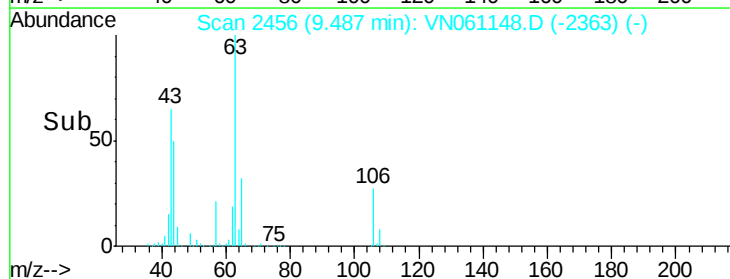
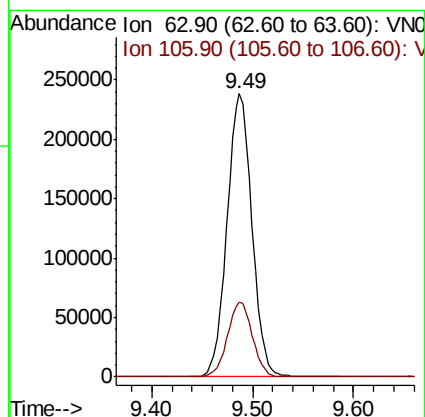
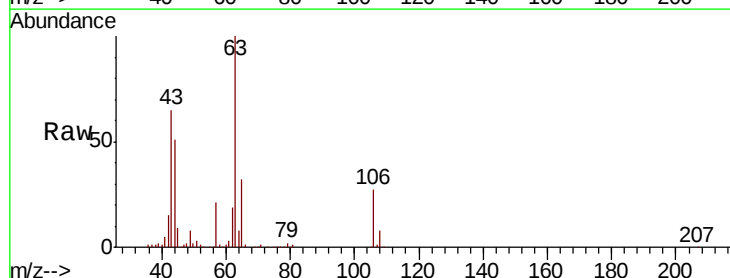
Acq: 22 Apr 2020 23:18

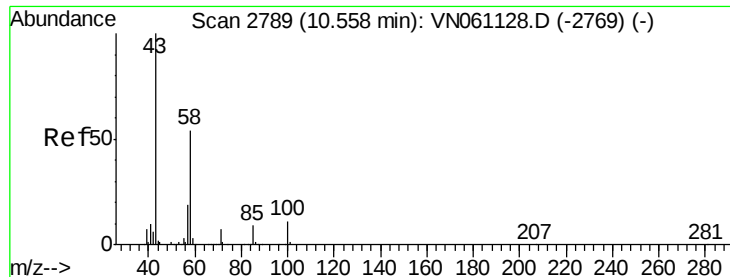
Tgt Ion: 63 Resp: 410476

Ion Ratio Lower Upper

63 100

106 26.5 21.3 31.9

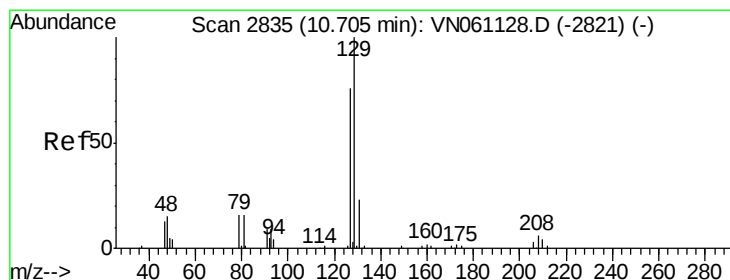
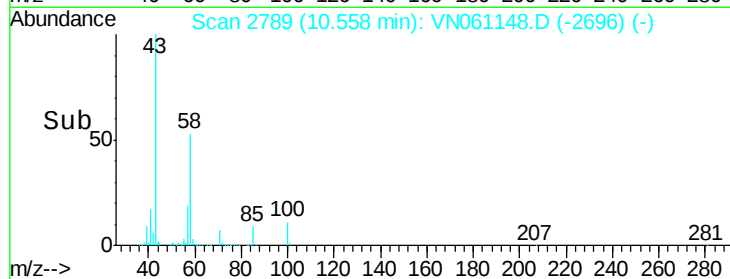
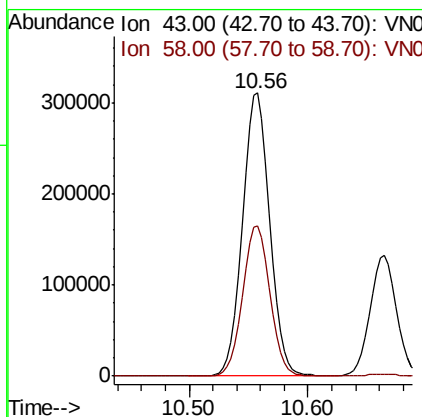
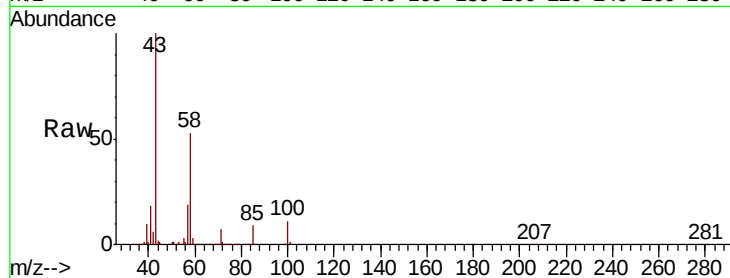




#59
2-Hexanone
Concen: 218.623 ug/l
RT: 10.56 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

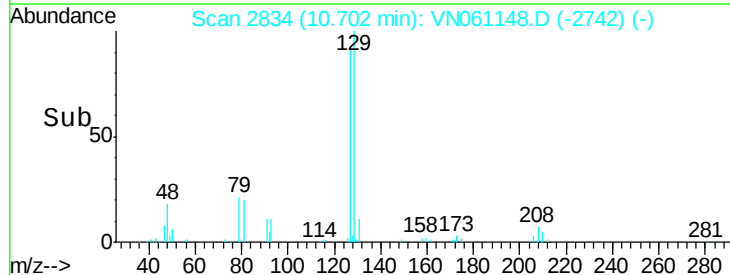
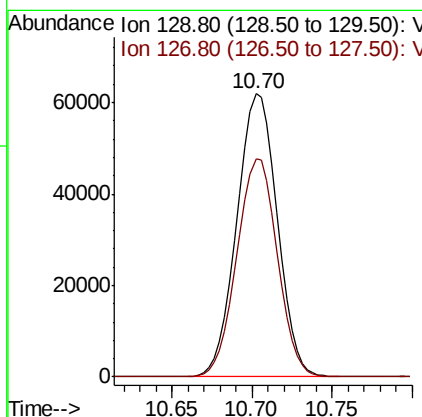
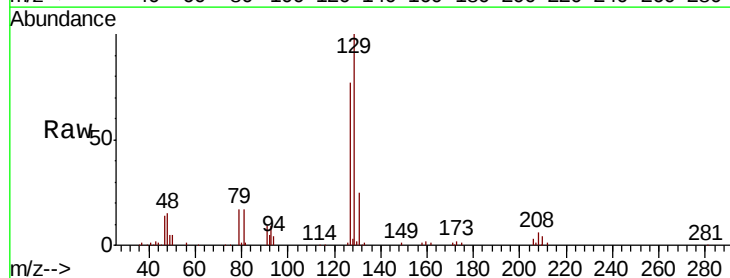
Instrument :
MSVOA_V
ClientSampleId :

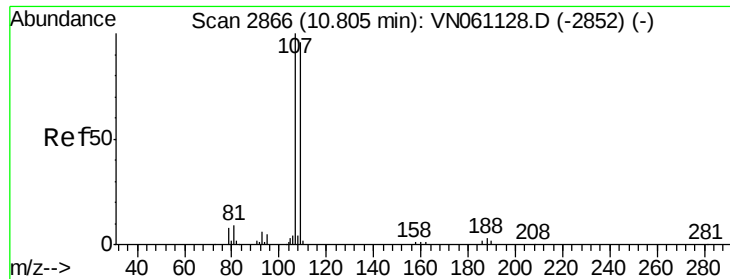
Tot Ion: 43 Resp: 491110
Ion Ratio Lower Upper
43 100
58 53.5 26.9 80.6



#60
Dibromochloromethane
Concen: 46.635 ug/l
RT: 10.70 min Scan# 2834
Delta R.T. -0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Tgt Ion: 129 Resp: 106588
Ion Ratio Lower Upper
129 100
127 77.3 38.4 115.2

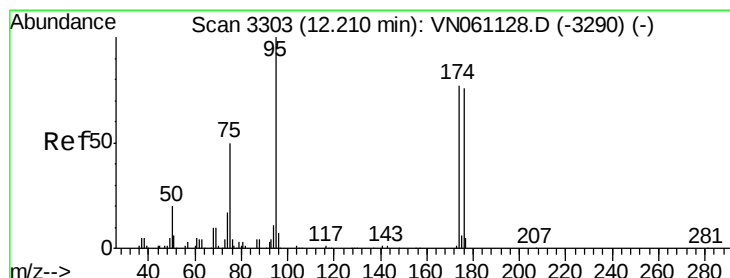
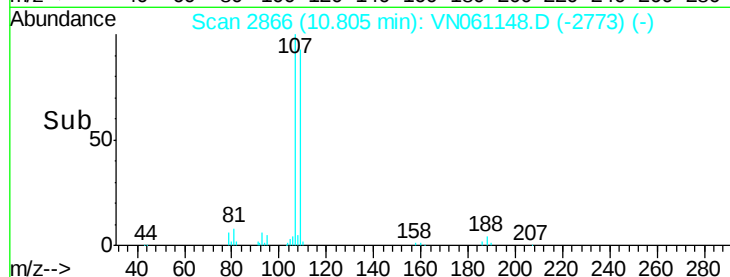
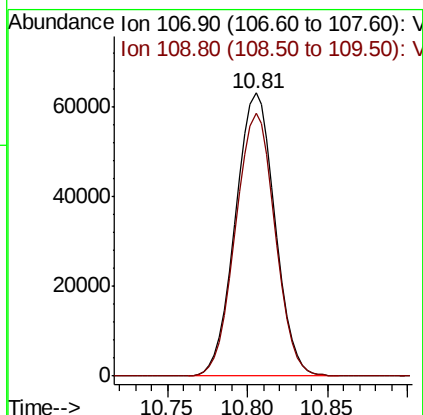
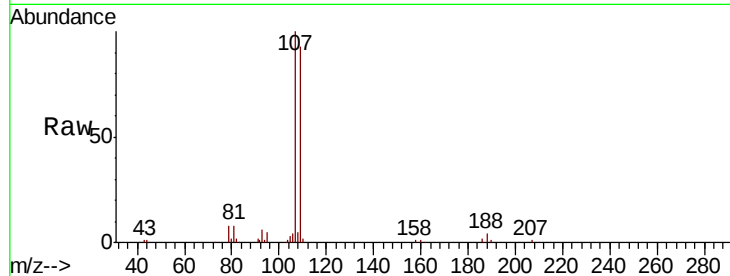




#61
 1,2-Dibromoethane
 Concen: 47.183 ug/l
 RT: 10.81 min Scan# 2866
 Delta R.T. 0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

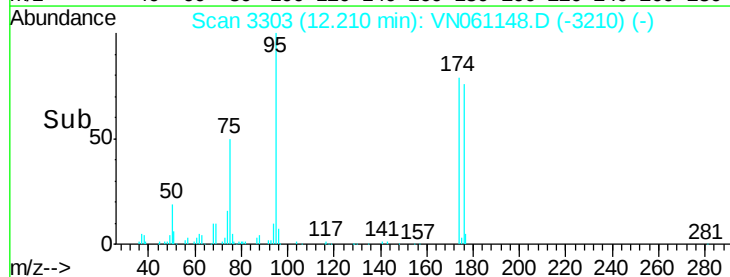
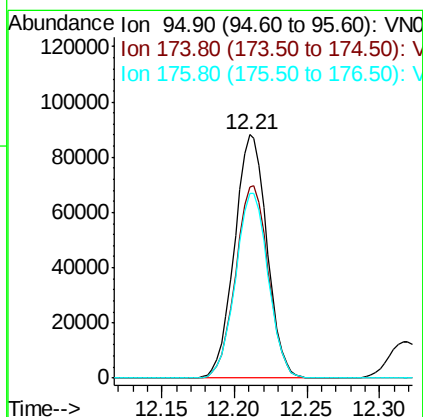
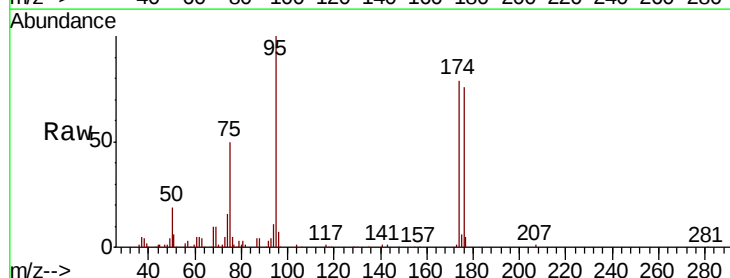
Instrument :
 MSVOA_V
 ClientSampleId :

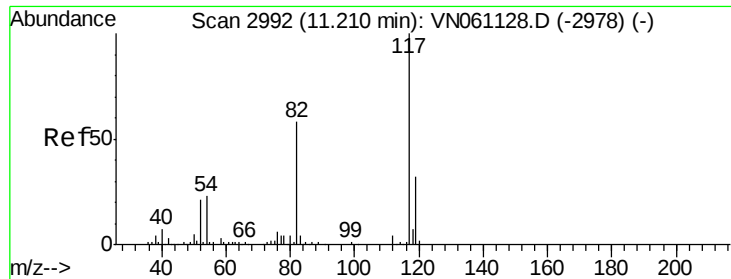
Tot Ion:107 Resp: 106283
 Ion Ratio Lower Upper
 107 100
 109 93.0 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 47.764 ug/l
 RT: 12.21 min Scan# 3303
 Delta R.T. 0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

Tgt Ion: 95 Resp: 136994
 Ion Ratio Lower Upper
 95 100
 174 79.5 0.0 157.6
 176 76.4 0.0 154.4

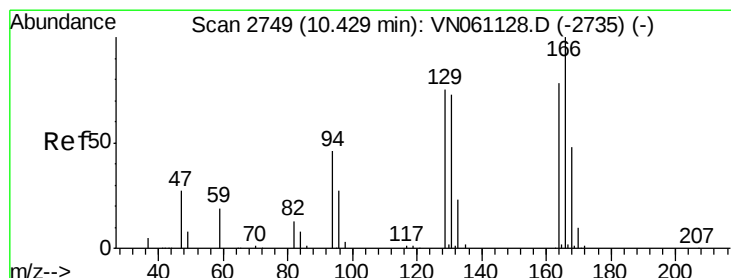
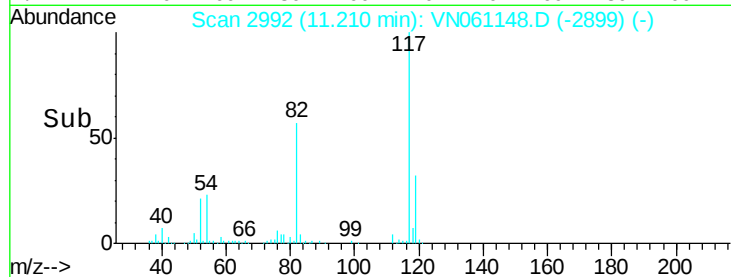
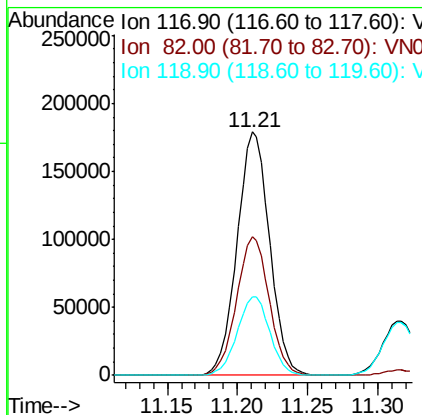
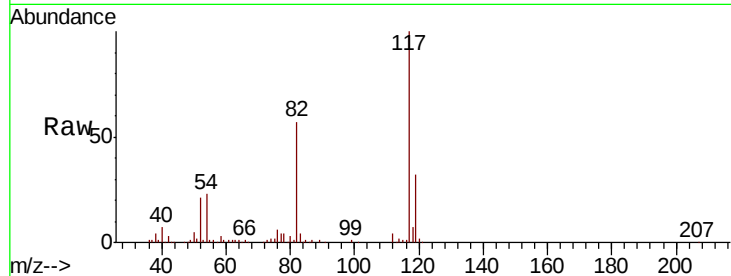




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.21 min Scan# 2992
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

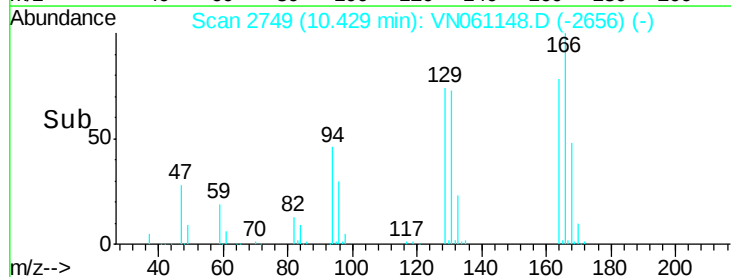
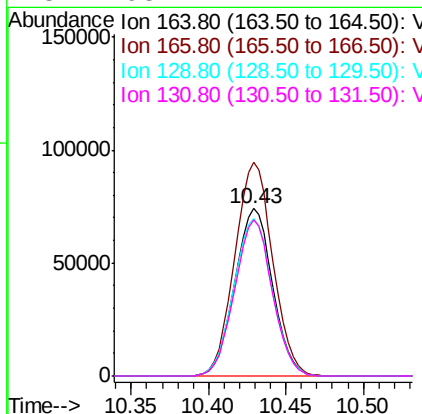
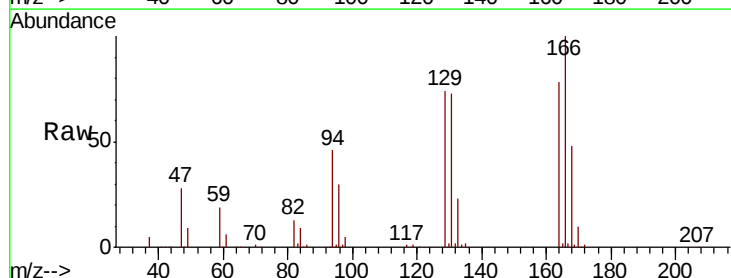
Instrument :
MSVOA_V
ClientSampleId :

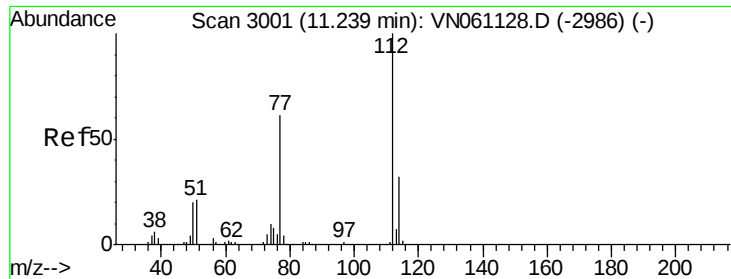
Tot Ion	Ratio	Lower	Upper
117	100		
82	56.8	46.0	69.0
119	32.3	25.9	38.9



#64
Tetrachloroethene
Concen: 42.318 ug/l
RT: 10.43 min Scan# 2749
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Tgt Ion	Ratio	Lower	Upper
164	100		
166	127.8	101.9	152.9
129	93.9	76.5	114.7
131	93.1	74.2	111.4

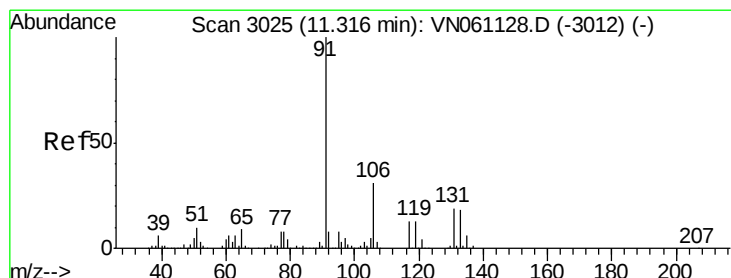
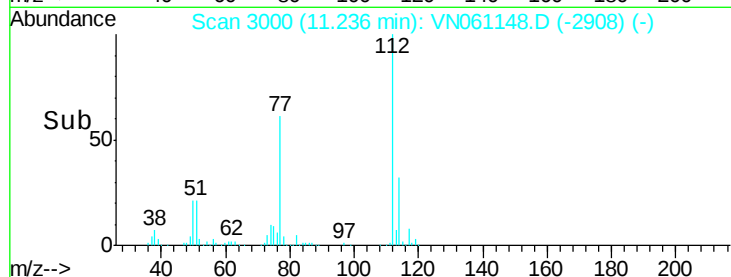
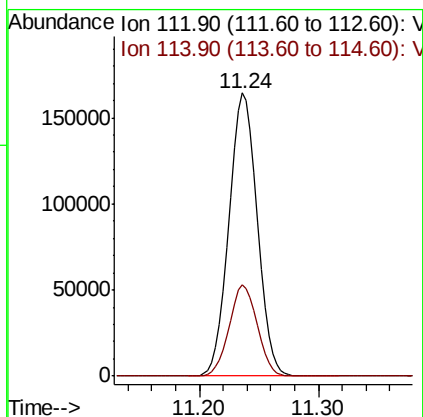
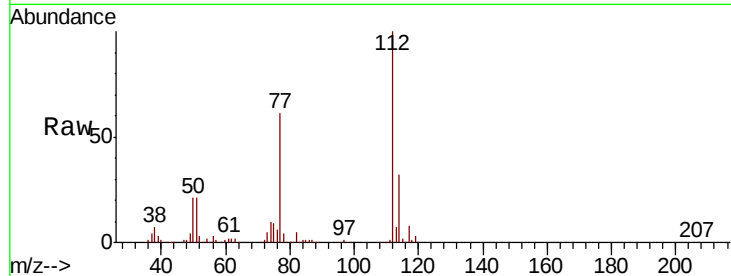




#65
Chlorobenzene
Concen: 45.990 ug/l
RT: 11.24 min Scan# 3000
Delta R.T. -0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

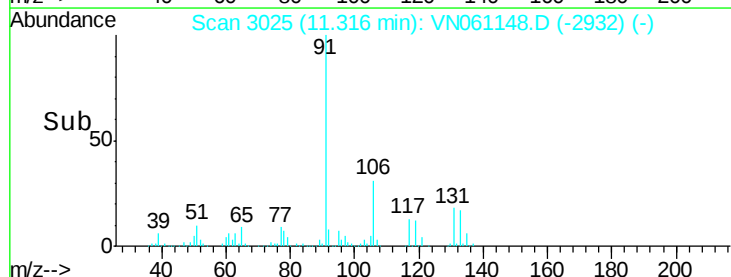
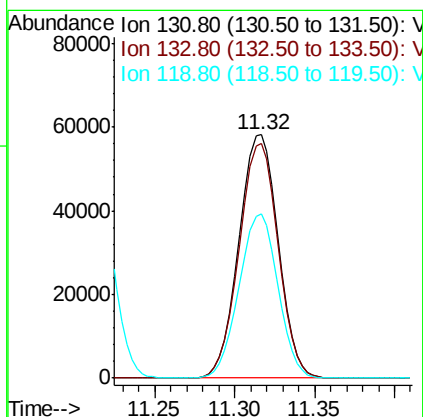
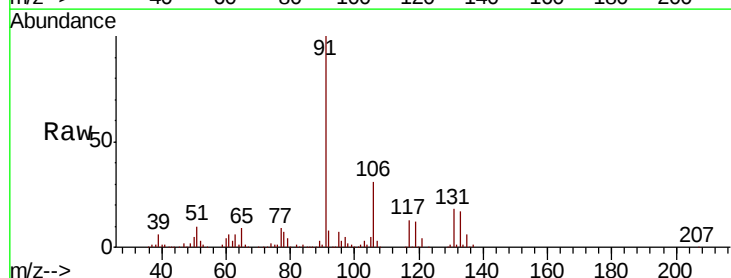
Instrument :
MSVOA_V
ClientSampleId :

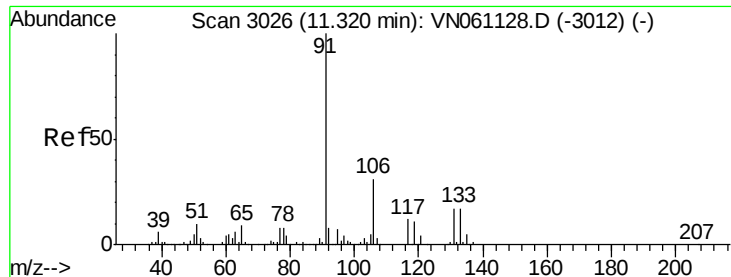
Tot Ion:112 Resp: 270910
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 46.624 ug/l
RT: 11.32 min Scan# 3025
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Tgt Ion:131 Resp: 97335
Ion Ratio Lower Upper
131 100
133 96.0 48.2 144.6
119 66.9 33.1 99.5

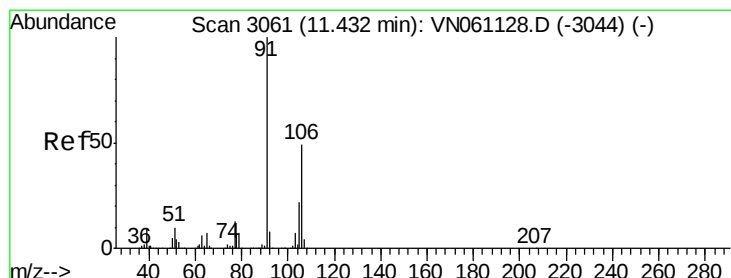
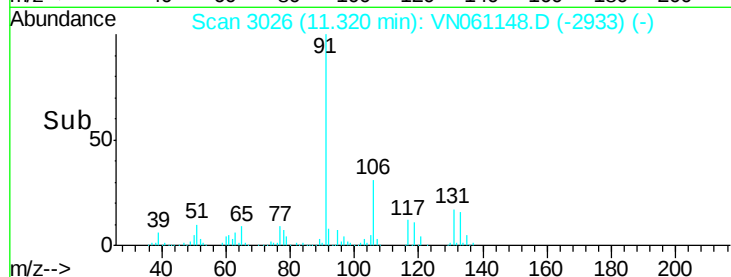
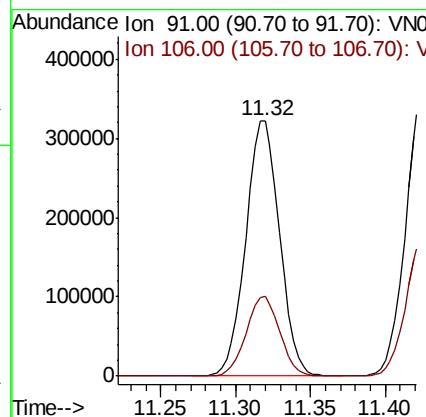
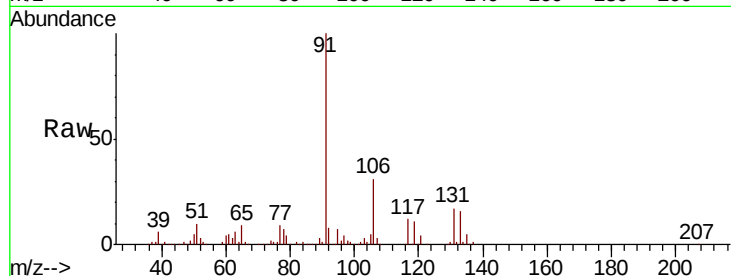




#67
Ethyl Benzene
Concen: 46.218 ug/l
RT: 11.32 min Scan# 3026
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

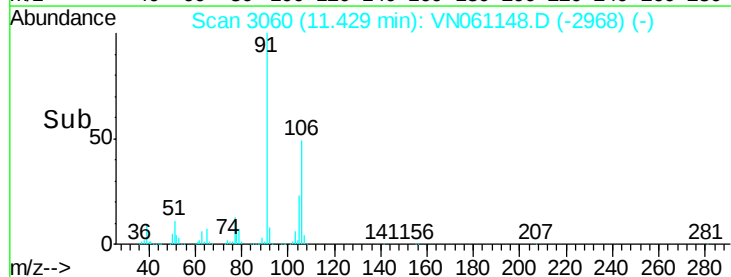
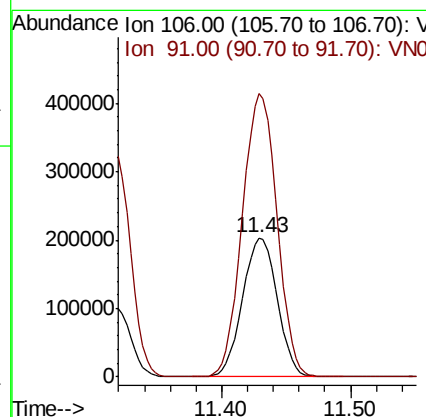
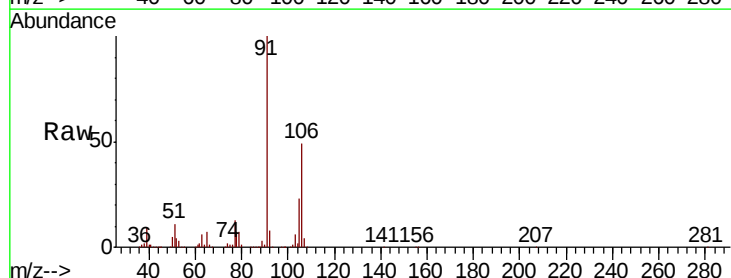
Instrument :
MSVOA_V
ClientSampleId :

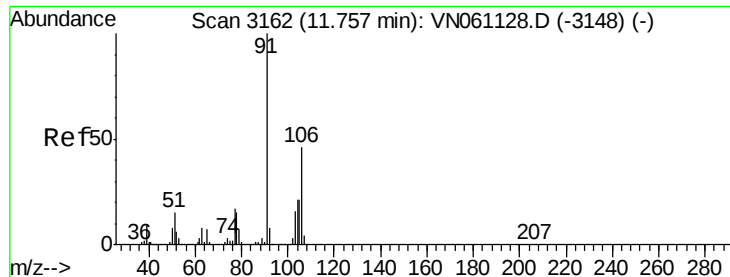
Tot Ion: 91 Resp: 506994
Ion Ratio Lower Upper
91 100
106 31.0 24.7 37.1



#68
m/p-Xylenes
Concen: 92.902 ug/l
RT: 11.43 min Scan# 3060
Delta R.T. -0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Tgt Ion: 106 Resp: 380564
Ion Ratio Lower Upper
106 100
91 203.5 163.9 245.9

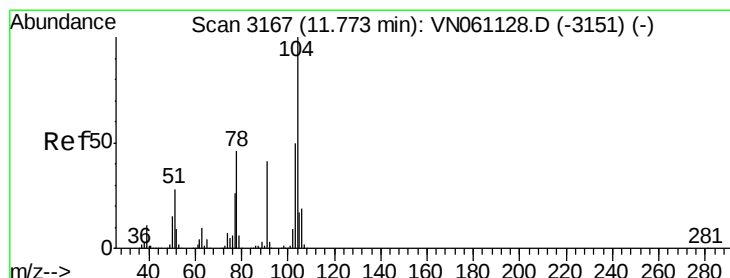
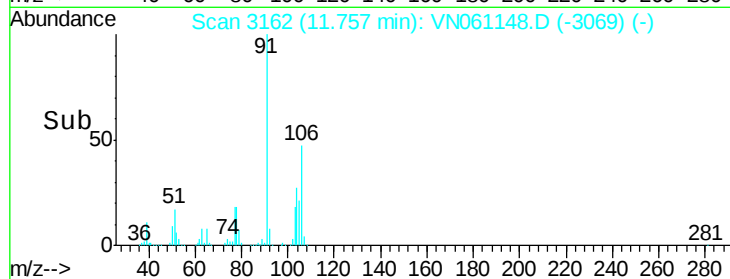
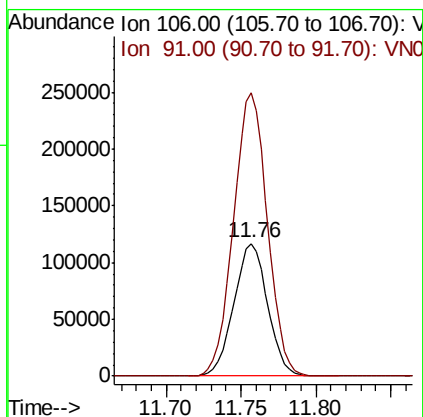
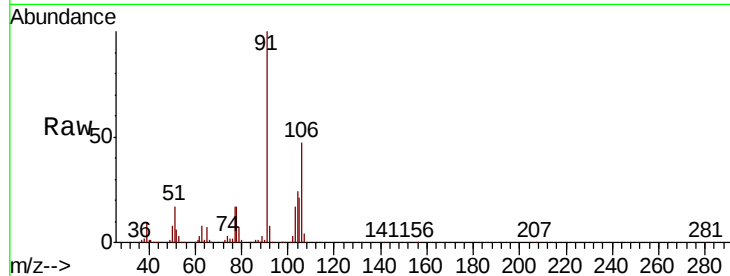




#69
o-Xylene
Concen: 46.315 ug/l
RT: 11.76 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

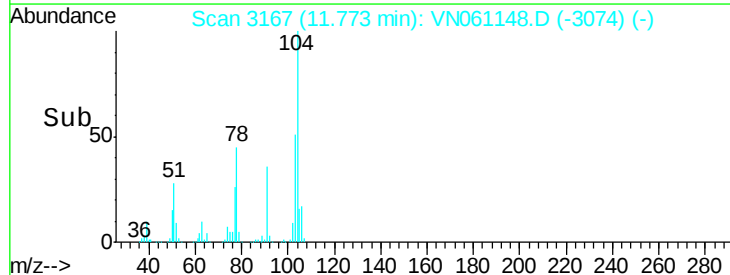
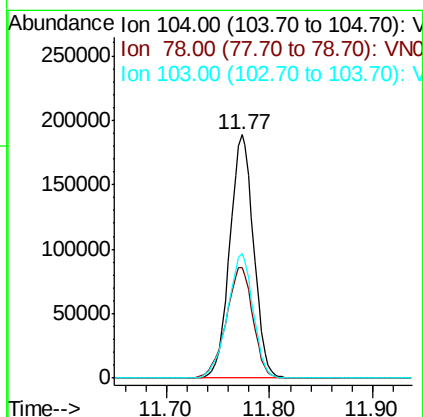
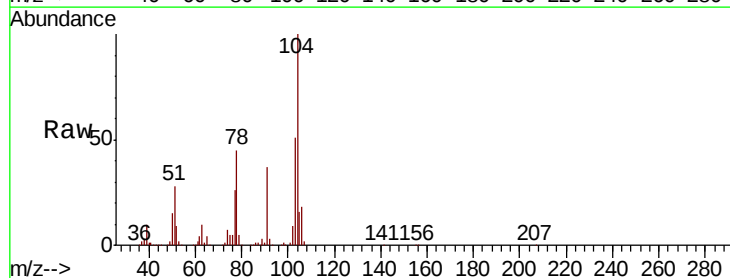
Instrument :
MSVOA_V
ClientSampled :

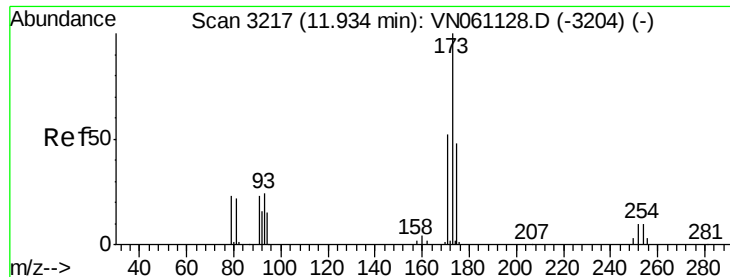
Tot Ion:106 Resp: 183177
Ion Ratio Lower Upper
106 100
91 214.4 107.6 322.8



#70
Styrene
Concen: 47.492 ug/l
RT: 11.77 min Scan# 3167
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Tgt Ion:104 Resp: 304192
Ion Ratio Lower Upper
104 100
78 51.0 40.6 61.0
103 55.2 43.7 65.5

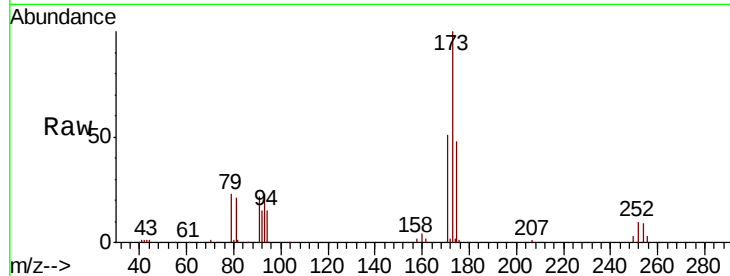




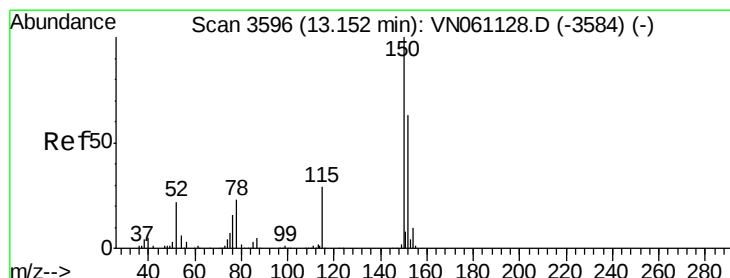
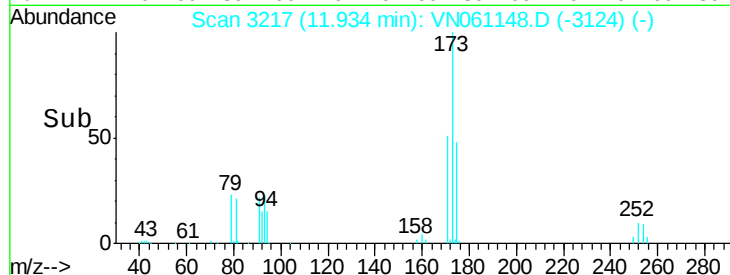
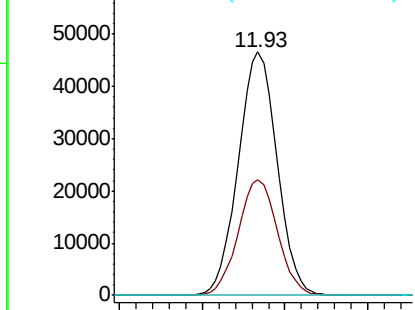
#71
Bromoform
Concen: 48.010 ug/l
RT: 11.93 min Scan# 3217
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:173 Resp: 75561
Ion Ratio Lower Upper
173 100
175 48.1 23.9 71.8
254 0.0 0.0 0.0

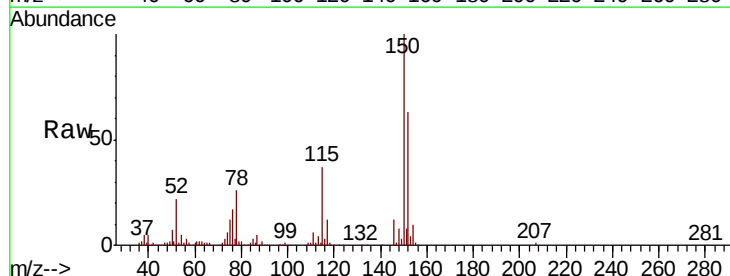


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

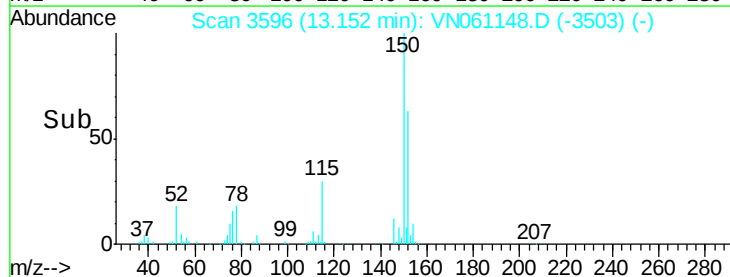
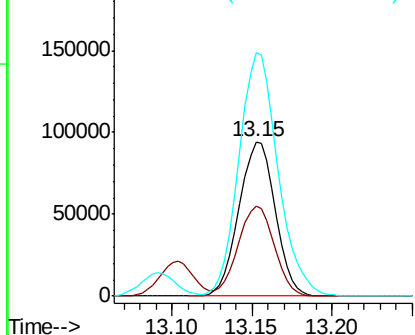


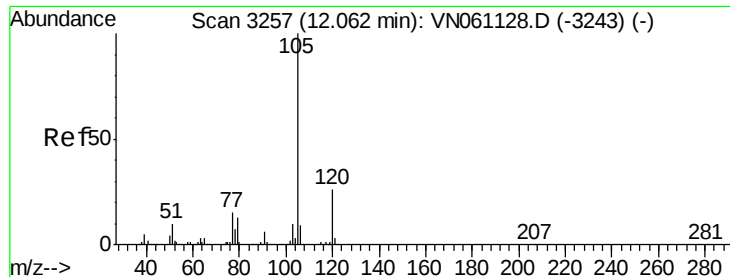
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.15 min Scan# 3596
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Tgt Ion:152 Resp: 146251
Ion Ratio Lower Upper
152 100
115 57.8 29.8 89.5
150 170.1 0.0 348.6



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: 44.432 ug/l

RT: 12.06 min Scan# 3256

Delta R.T. -0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

Instrument :

MSVOA_V

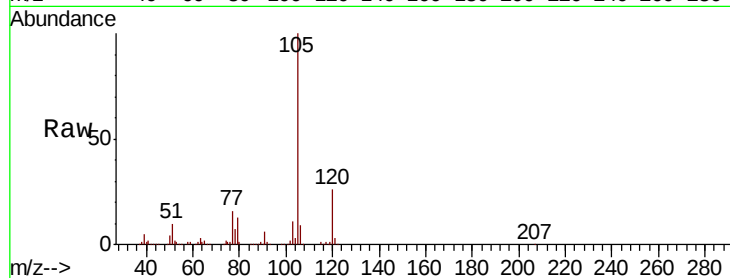
ClientSampleId :

Tot Ion:105 Resp: 490924

Ion Ratio Lower Upper

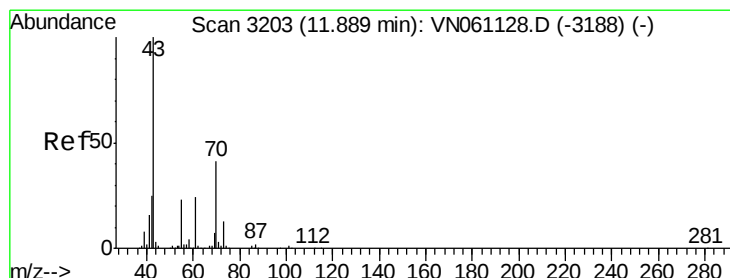
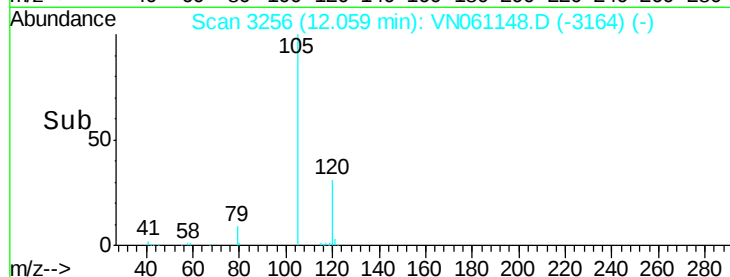
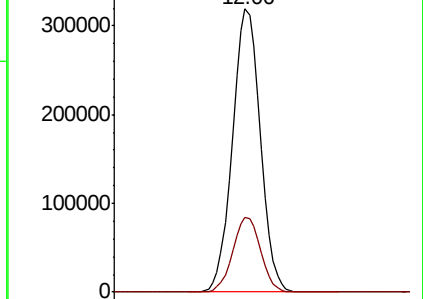
105 100

120 26.3 13.1 39.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 42.962 ug/l

RT: 11.89 min Scan# 3202

Delta R.T. -0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

Tgt Ion: 43 Resp: 213378

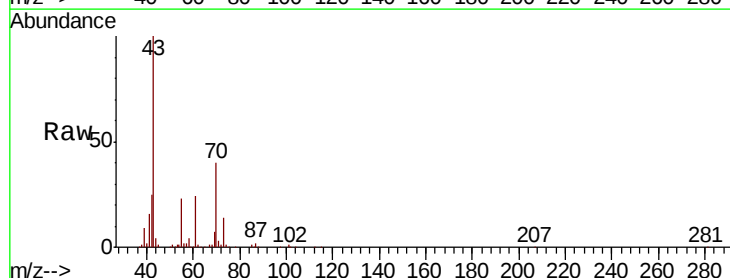
Ion Ratio Lower Upper

43 100

70 40.6 32.5 48.7

55 23.8 19.0 28.6

61 23.8 19.3 28.9

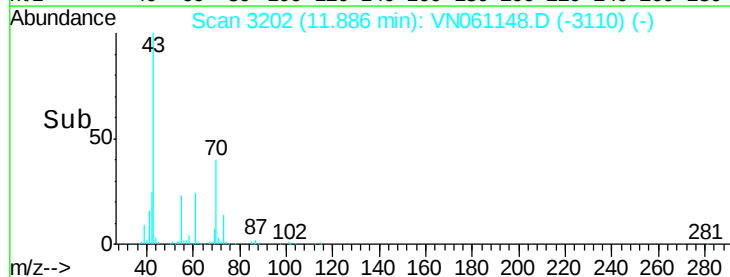
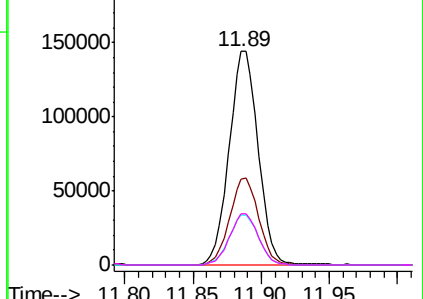


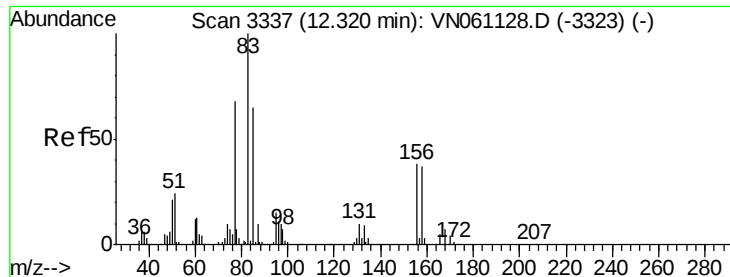
Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 70.00 (69.70 to 70.70): VN0

Ion 55.00 (54.70 to 55.70): VN0

Ion 61.00 (60.70 to 61.70): VN0





#75

1,1,2,2-Tetrachloroethane

Concen: 45.907 ug/l

RT: 12.32 min Scan# 3336

Delta R.T. -0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

Instrument :

MSVOA_V

ClientSampleId :

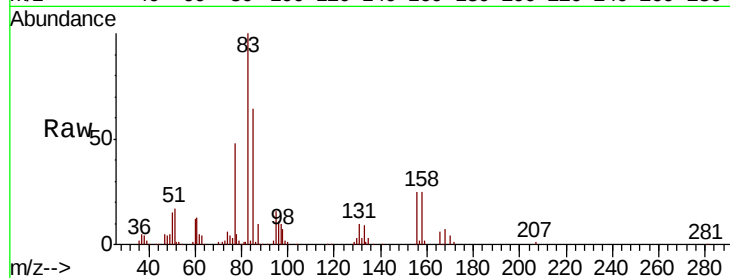
Tot Ion: 83 Resp: 135928

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

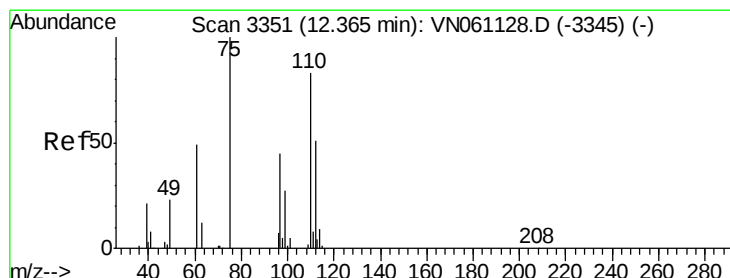
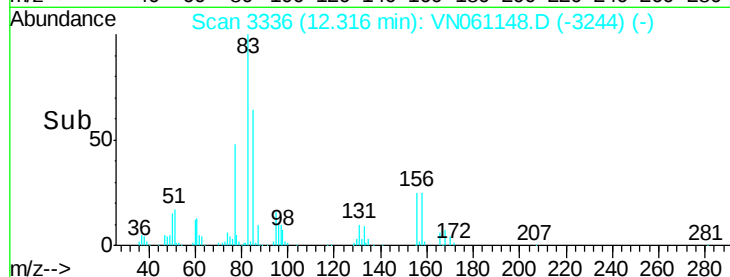
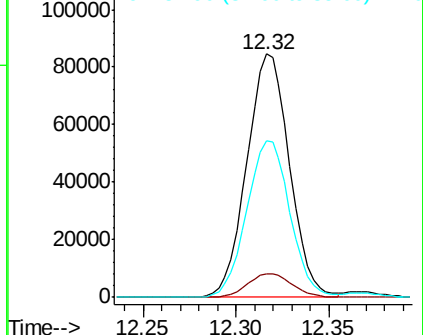
85 65.1 31.9 95.5



Abundance Ion 82.90 (82.60 to 83.60): VN061148.D (-3337) (-)

Ion 130.80 (130.50 to 131.50): VN061148.D (-3337) (-)

Ion 84.90 (84.60 to 85.60): VN061148.D (-3337) (-)



#76

1,2,3-Trichloropropane

Concen: 56.478 ug/l

RT: 12.36 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN061148.D

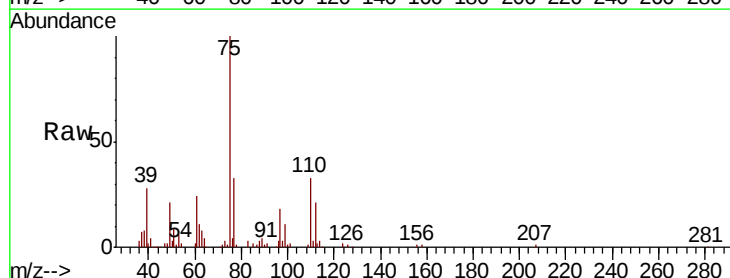
Acq: 22 Apr 2020 23:18

Tgt Ion: 75 Resp: 190530

Ion Ratio Lower Upper

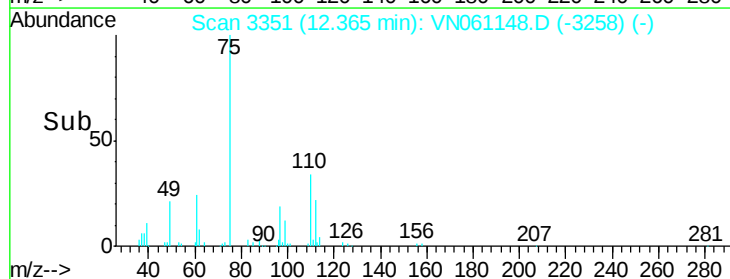
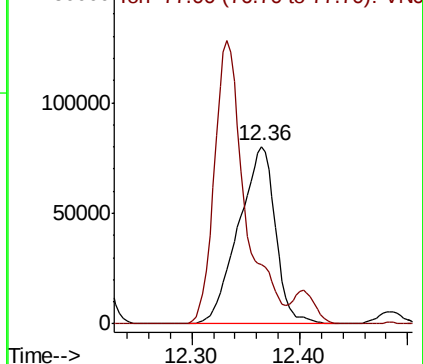
75 100

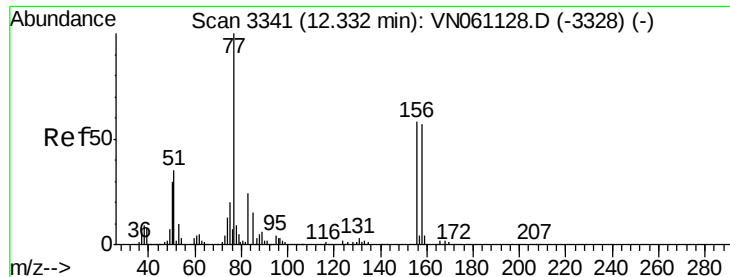
77 0.0 0.0 0.0



Abundance Ion 74.90 (74.60 to 75.60): VN061148.D (-3351) (-)

Ion 77.00 (76.70 to 77.70): VN061148.D (-3351) (-)





#77

Bromobenzene

Concen: 43.721 ug/l

RT: 12.33 min Scan# 3341

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

Instrument :

MSVOA_V

ClientSampled :

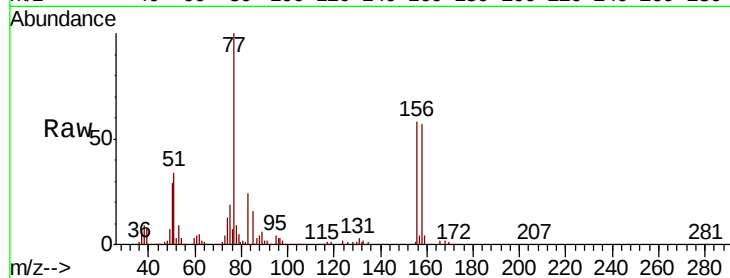
Tot Ion:156 Resp: 117698

Ion Ratio Lower Upper

156 100

77 213.6 105.7 317.1

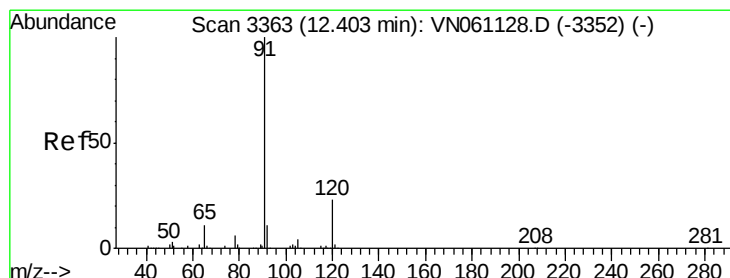
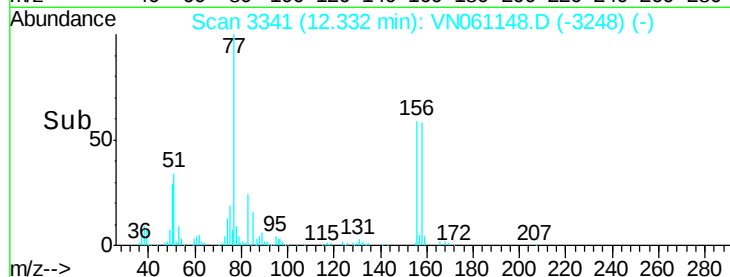
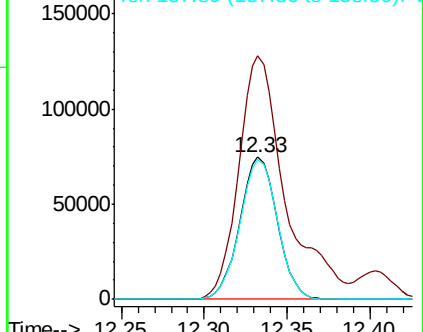
158 98.7 48.3 144.9



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: 44.407 ug/l

RT: 12.40 min Scan# 3363

Delta R.T. 0.00 min

Lab File: VN061148.D

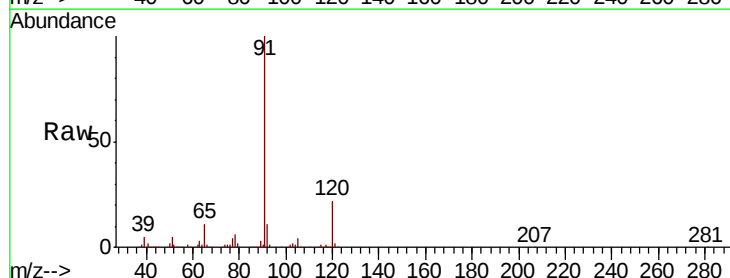
Acq: 22 Apr 2020 23:18

Tgt Ion: 91 Resp: 575505

Ion Ratio Lower Upper

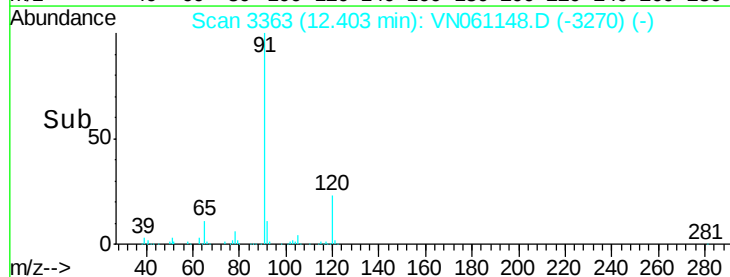
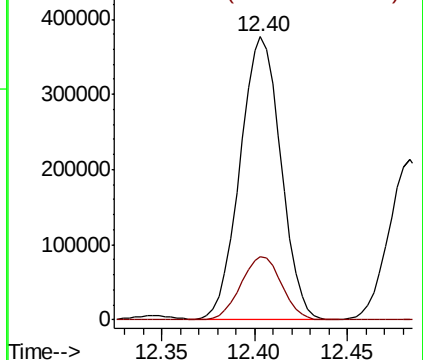
91 100

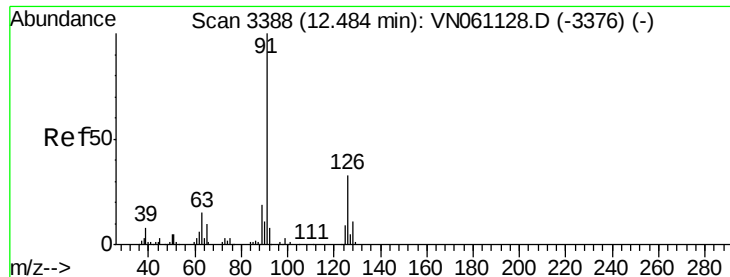
120 22.5 11.3 33.9



Abundance Ion 91.00 (90.70 to 91.70): VN0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 44.243 ug/l

RT: 12.48 min Scan# 3388

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

Instrument :

MSVOA_V

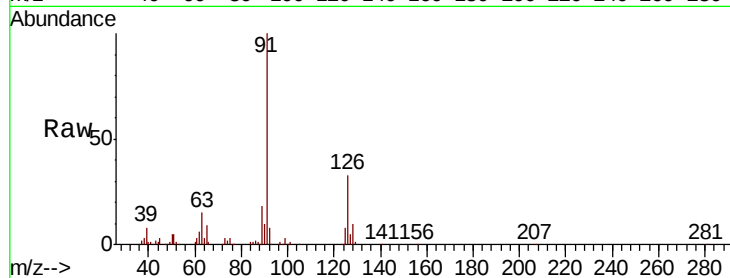
ClientSampleId :

Tot Ion: 91 Resp: 332931

Ion Ratio Lower Upper

91 100

126 33.1 16.7 50.1

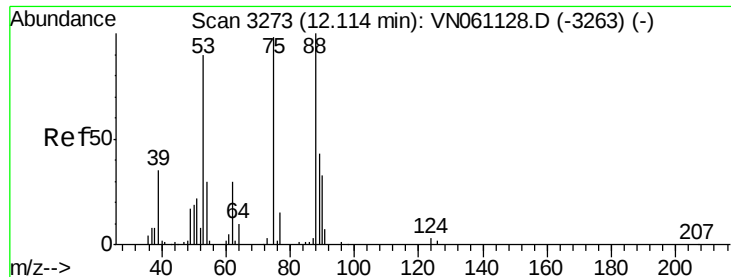


Abundance Ion 91.00 (90.70 to 91.70): VN061148.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN061148.D (-3376) (-)

Abundance Ion 91.00 (90.70 to 91.70): VN061148.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN061148.D (-3376) (-)



#81

trans-1,4-Dichloro-2-butene

Concen: 40.210 ug/l

RT: 12.11 min Scan# 3273

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

Instrument :

MSVOA_V

ClientSampleId :

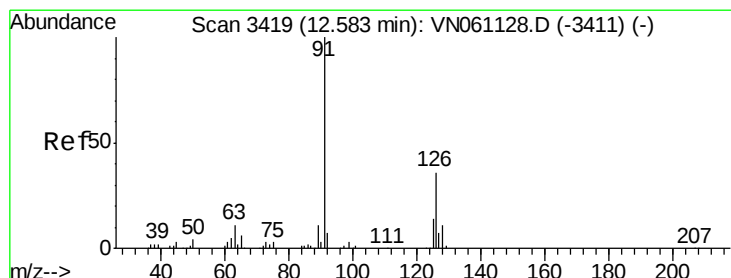
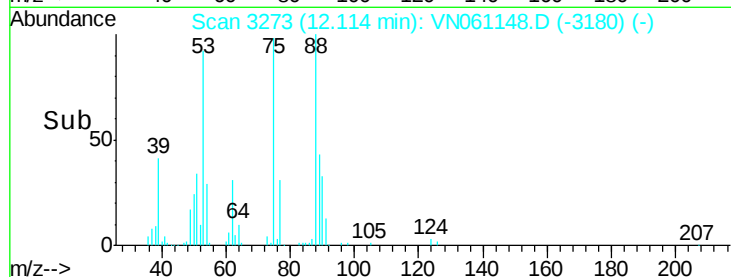
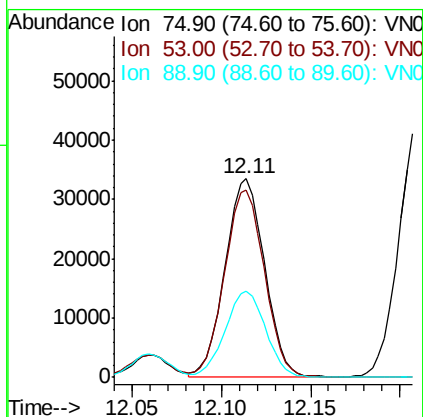
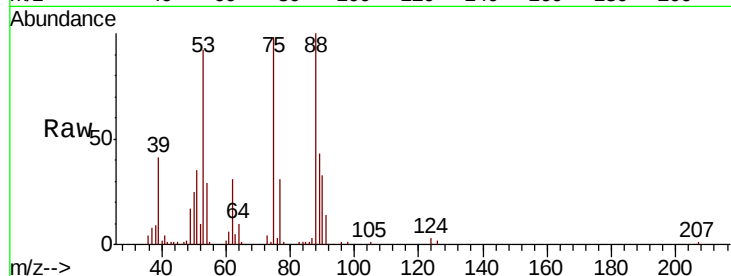
Tot Ion: 75 Resp: 51652

Ion Ratio Lower Upper

75 100

53 95.4 74.3 111.5

89 44.2 36.6 55.0



#82

4-Chlorotoluene

Concen: 44.216 ug/l

RT: 12.58 min Scan# 3419

Delta R.T. 0.00 min

Lab File: VN061148.D

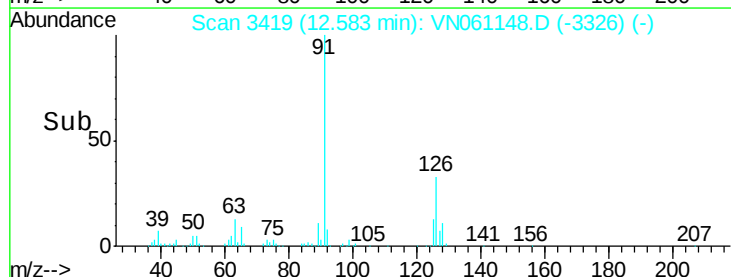
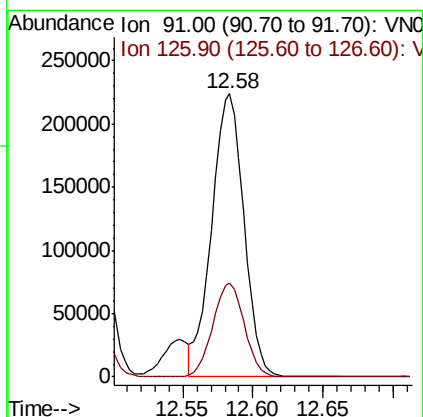
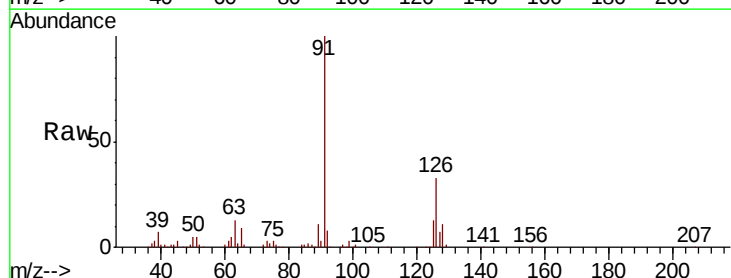
Acq: 22 Apr 2020 23:18

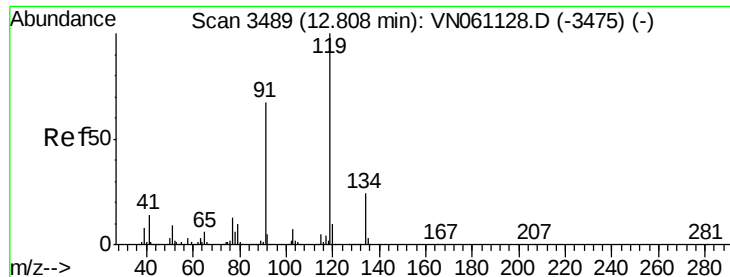
Tgt Ion: 91 Resp: 353006

Ion Ratio Lower Upper

91 100

126 32.7 16.4 49.2

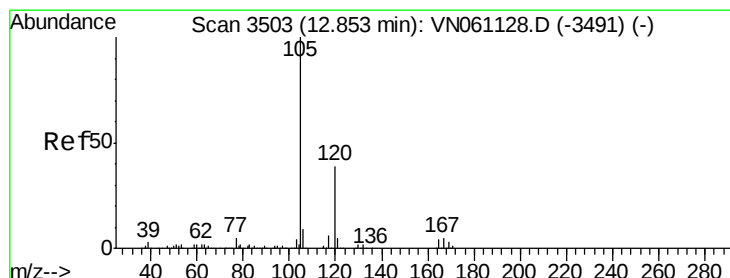
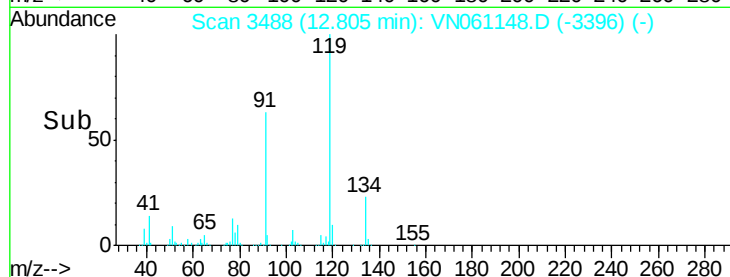
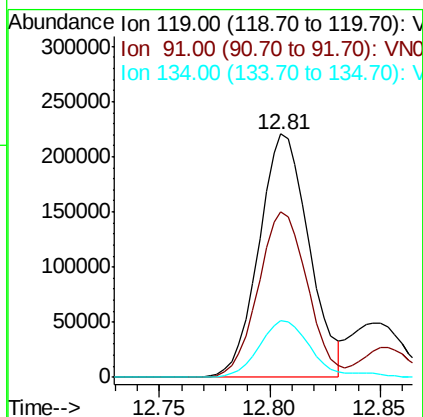
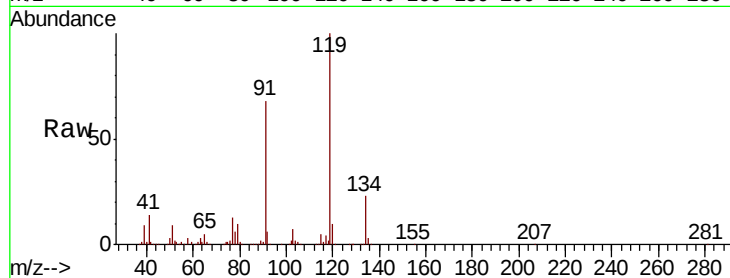




#83
tert-Butylbenzene
Concen: 44.362 ug/l
RT: 12.81 min Scan# 3488
Delta R.T. -0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

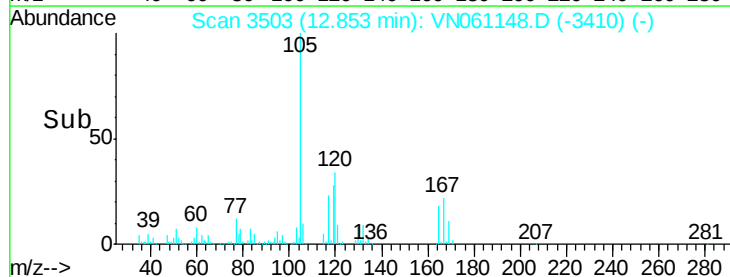
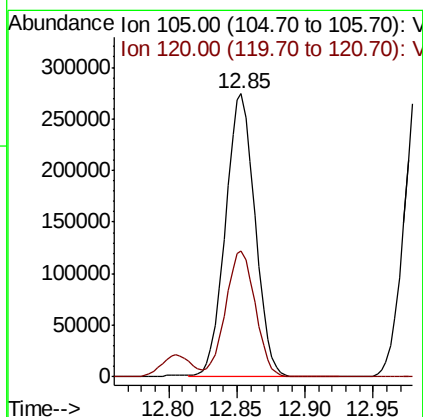
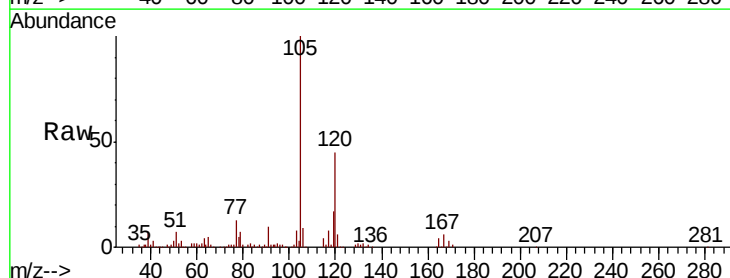
Instrument :
MSVOA_V
ClientSampled :

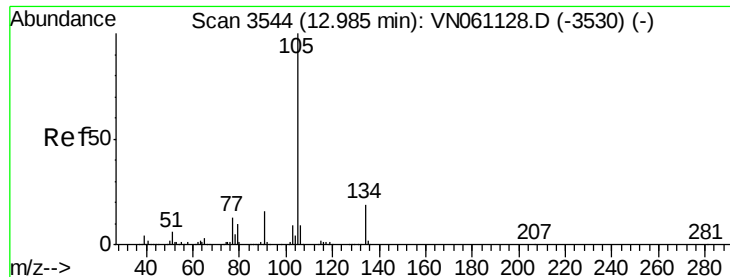
Tot Ion:119 Resp: 346863
Ion Ratio Lower Upper
119 100
91 67.1 32.8 98.4
134 24.7 12.2 36.4



#84
1,2,4-Trimethylbenzene
Concen: 44.593 ug/l
RT: 12.85 min Scan# 3503
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Tgt Ion:105 Resp: 413494
Ion Ratio Lower Upper
105 100
120 44.9 22.4 67.0





#85

sec-Butylbenzene

Concen: 44.318 ug/l

RT: 12.99 min Scan# 3544

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

Instrument :

MSVOA_V

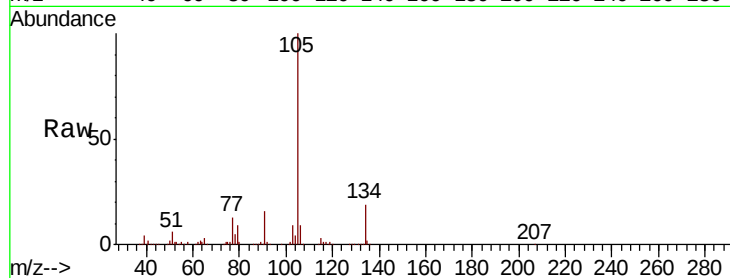
ClientSampleId :

Tot Ion:105 Resp: 468901

Ion Ratio Lower Upper

105 100

134 19.7 9.7 28.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

12.99

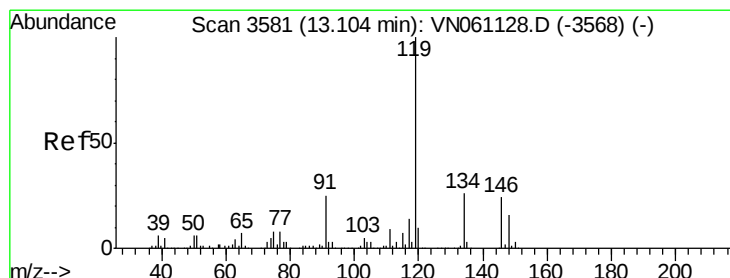
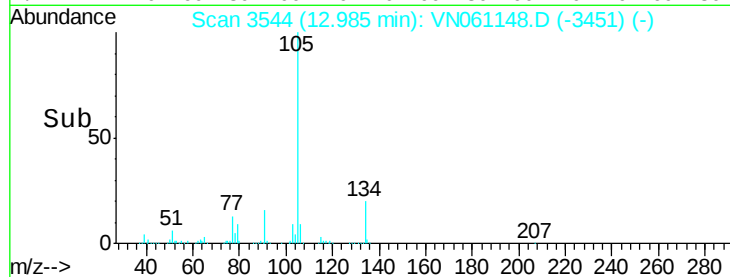
300000

200000

100000

0

Time--> 12.90 12.95 13.00 13.05



#86

p-Isopropyltoluene

Concen: 44.450 ug/l

RT: 13.10 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

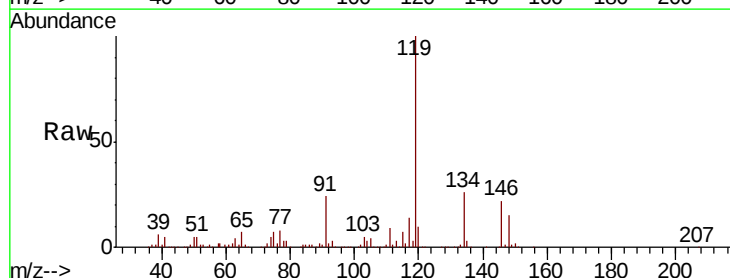
Tgt Ion:119 Resp: 426855

Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 23.9 12.4 37.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

13.10

400000

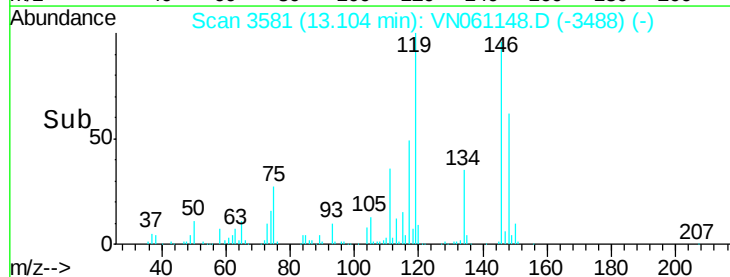
300000

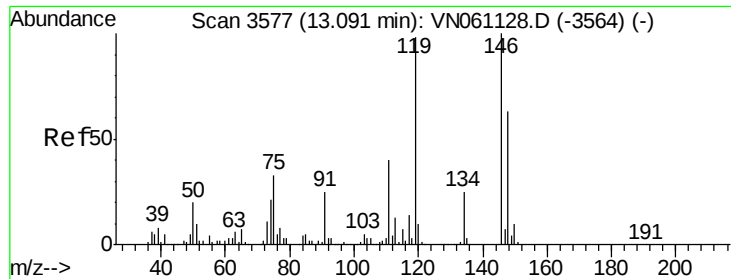
200000

100000

0

Time--> 13.05 13.10 13.15

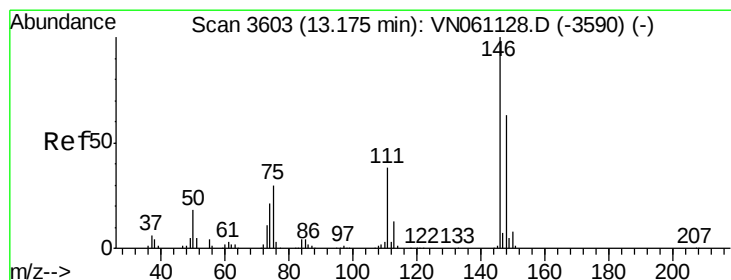
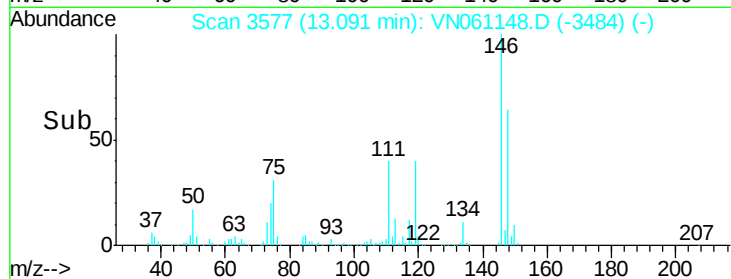
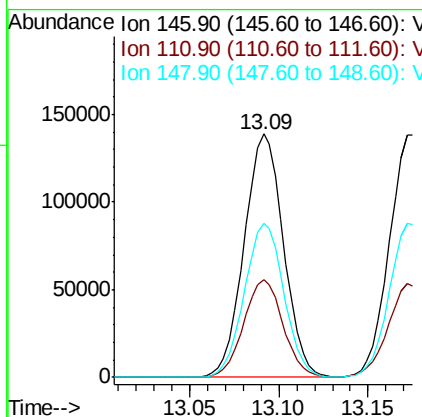
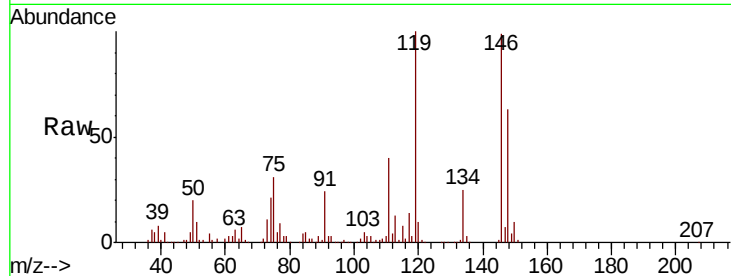




#87
 1,3-Dichlorobenzene
 Concen: 44.753 ug/l
 RT: 13.09 min Scan# 3577
 Delta R.T. 0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

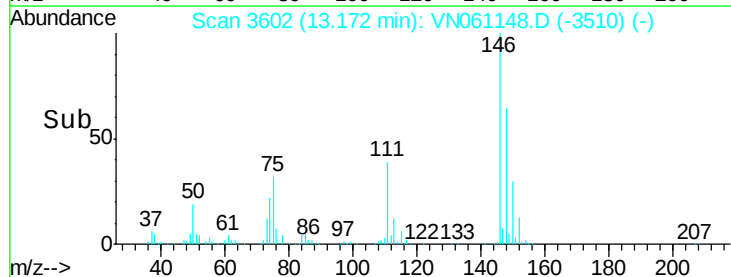
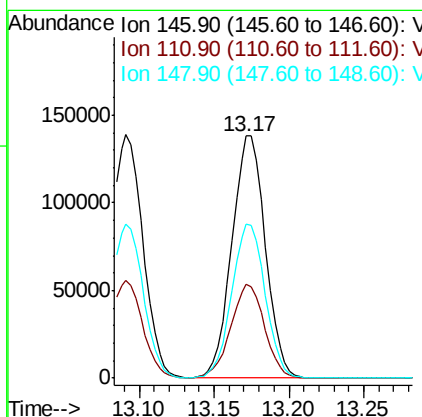
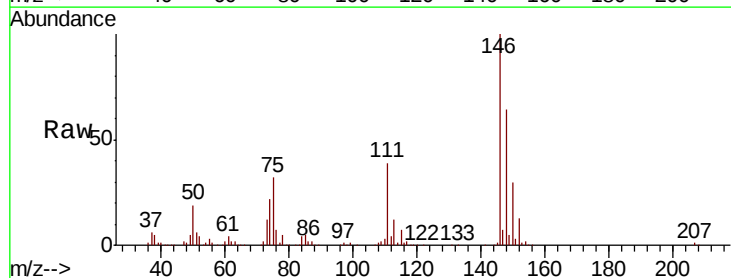
Instrument :
 MSVOA_V
 ClientSampleId :

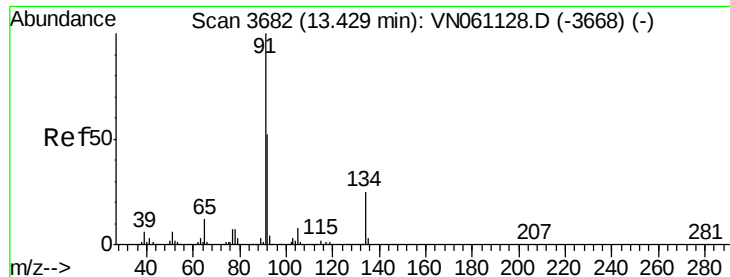
Tot Ion:146 Resp: 213524
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.3 60.9
 148 63.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 44.651 ug/l
 RT: 13.17 min Scan# 3602
 Delta R.T. -0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

Tgt Ion:146 Resp: 216250
 Ion Ratio Lower Upper
 146 100
 111 39.1 19.7 59.1
 148 63.5 31.8 95.3





#89

n-Butylbenzene

Concen: 44.680 ug/l

RT: 13.43 min Scan# 3682

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

Instrument :

MSVOA_V

ClientSampleId :

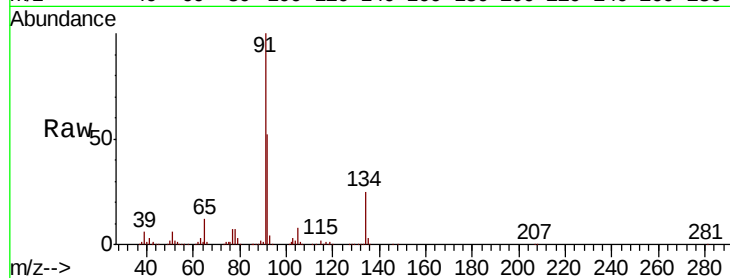
Tot Ion: 91 Resp: 391501

Ion Ratio Lower Upper

91 100

92 52.3 26.1 78.2

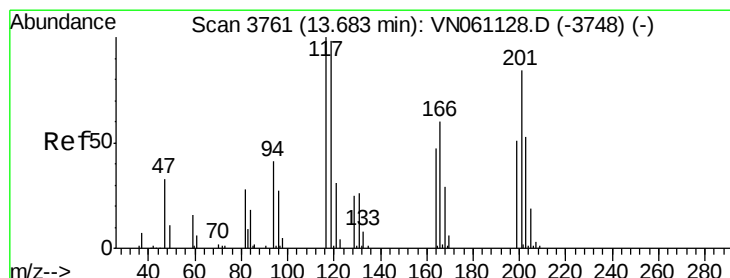
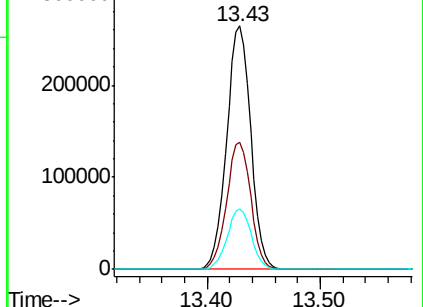
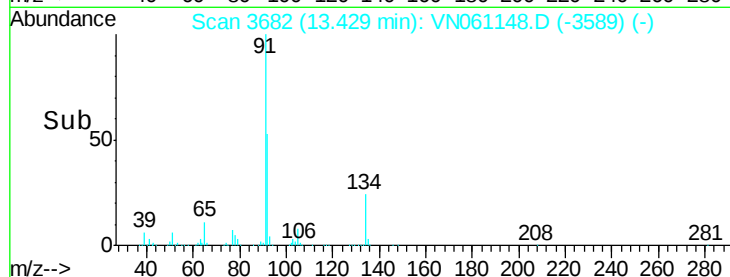
134 25.0 12.6 37.6



Abundance Ion 91.00 (90.70 to 91.70): VN061148.D (-3668) (-)

Ion 92.00 (91.70 to 92.70): VN061148.D (-3668) (-)

Ion 134.00 (133.70 to 134.70): VN061148.D (-3668) (-)



#90

Hexachloroethane

Concen: 38.605 ug/l

RT: 13.68 min Scan# 3761

Delta R.T. 0.00 min

Lab File: VN061148.D

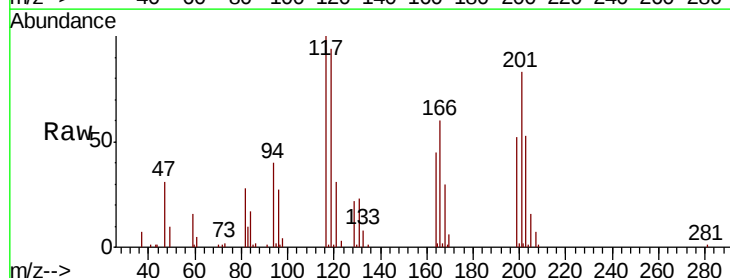
Acq: 22 Apr 2020 23:18

Tgt Ion: 117 Resp: 37341

Ion Ratio Lower Upper

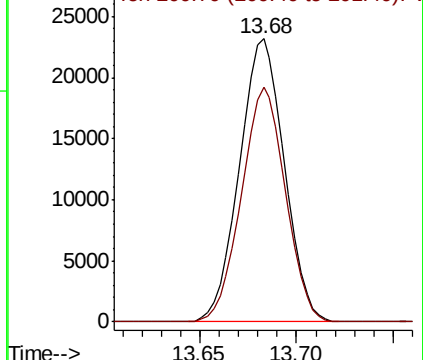
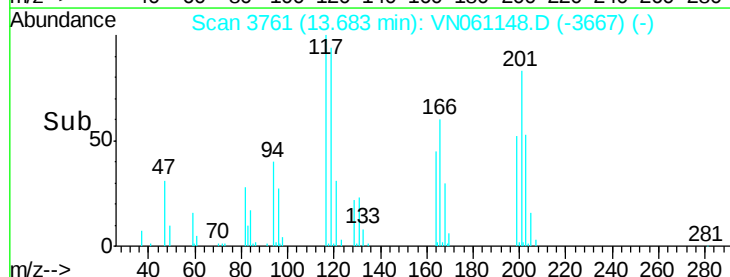
117 100

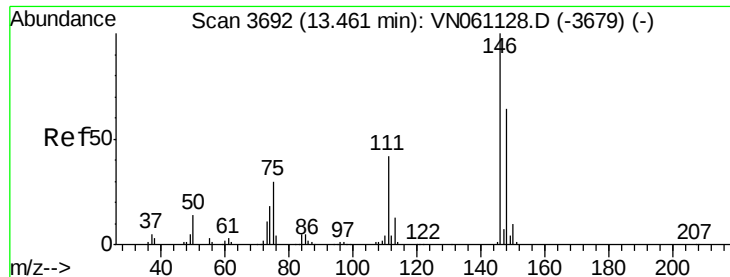
201 81.2 41.4 124.4



Abundance Ion 116.80 (116.50 to 117.50): VN061148.D (-3748) (-)

Ion 200.70 (200.40 to 201.40): VN061148.D (-3748) (-)

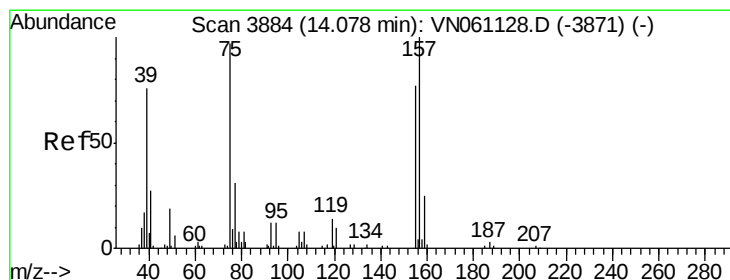
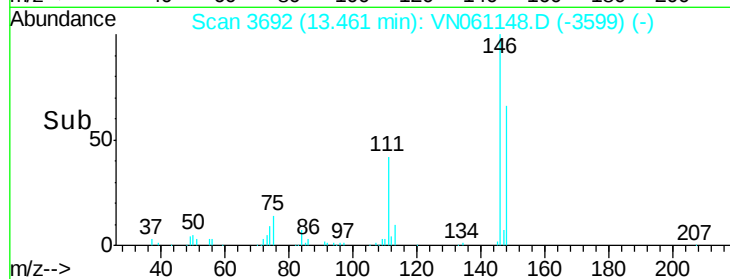
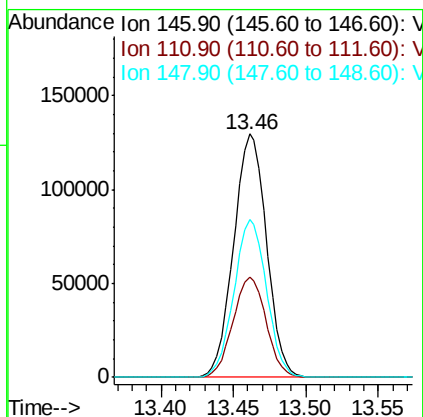
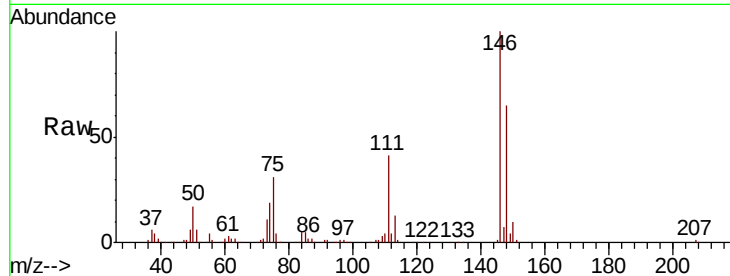




#91
 1,2-Dichlorobenzene
 Concen: 45.973 ug/l
 RT: 13.46 min Scan# 3692
 Delta R.T. 0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

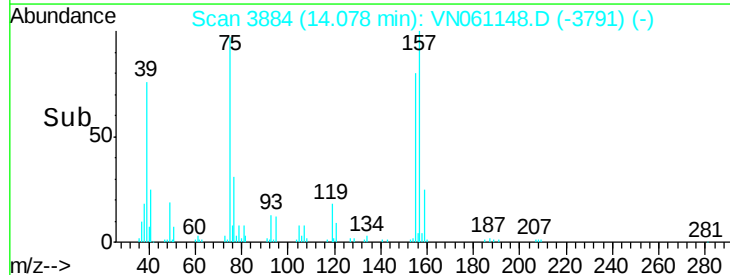
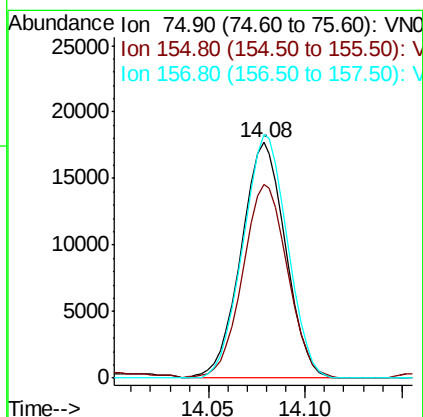
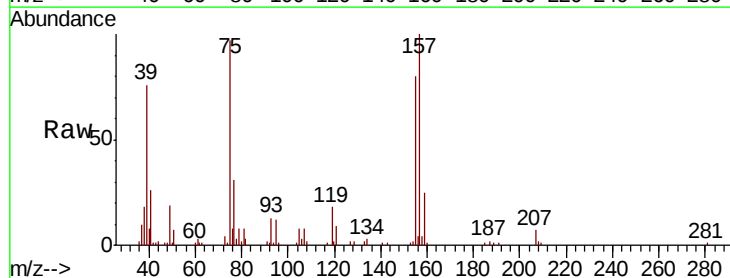
Instrument :
 MSVOA_V
 ClientSampleId :

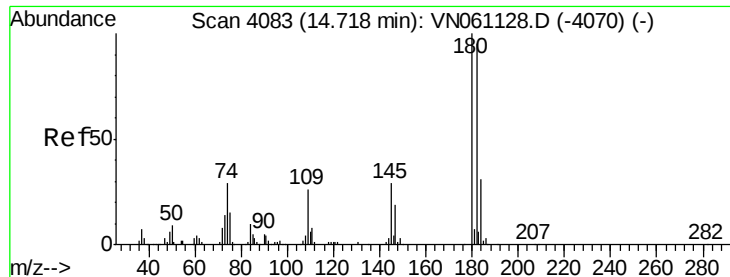
Tot Ion:146 Resp: 204071
 Ion Ratio Lower Upper
 146 100
 111 41.5 20.8 62.2
 148 64.2 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.979 ug/l
 RT: 14.08 min Scan# 3884
 Delta R.T. 0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

Tgt Ion: 75 Resp: 28267
 Ion Ratio Lower Upper
 75 100
 155 83.3 40.3 120.9
 157 103.5 51.6 154.8

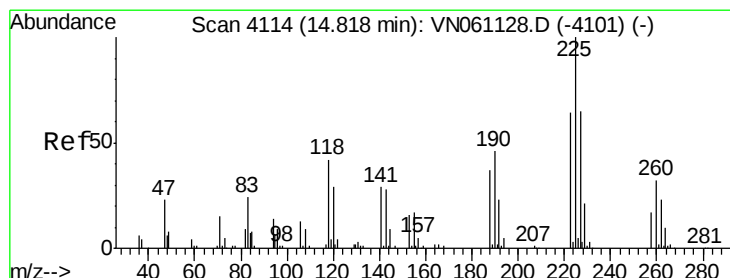
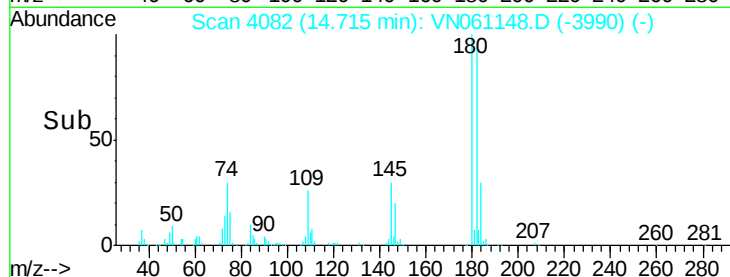
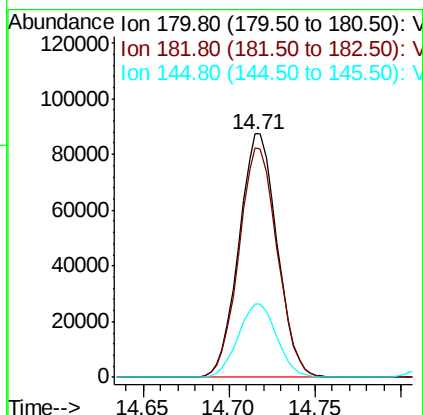
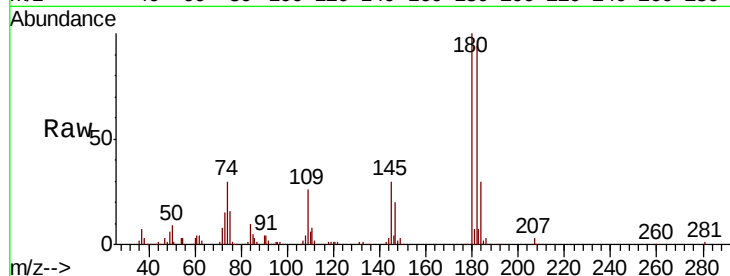




#93
 1,2,4-Trichlorobenzene
 Concen: 45.411 ug/l
 RT: 14.71 min Scan# 4082
 Delta R.T. -0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

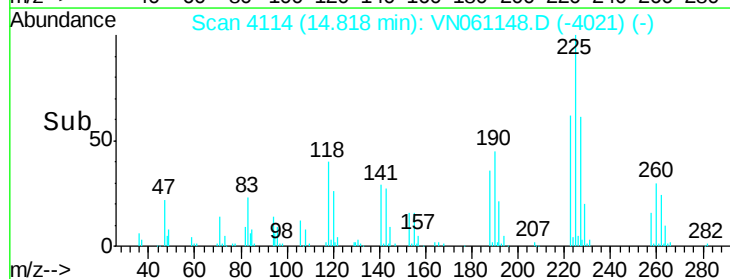
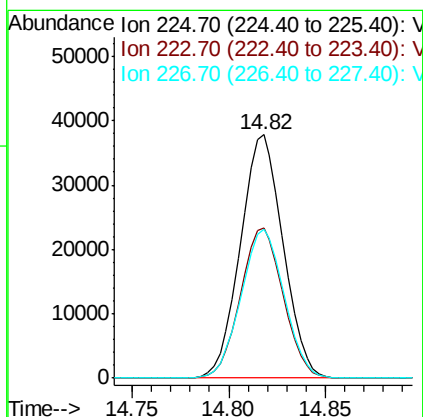
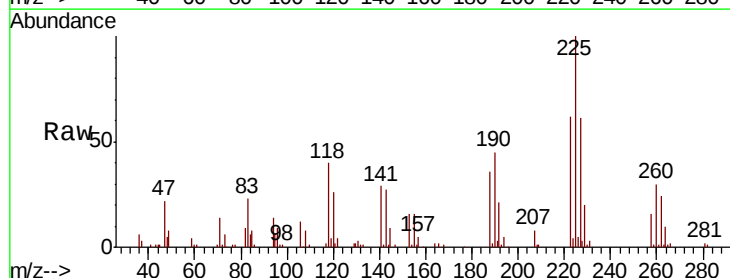
Instrument :
 MSVOA_V
 ClientSampled :

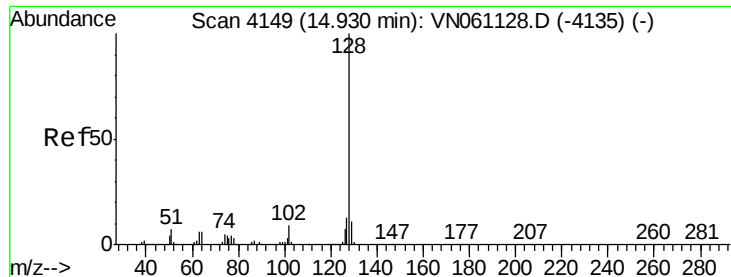
Tot Ion	Ratio	Lower	Upper
180	100		
182	94.7	47.9	143.7
145	30.4	15.2	45.5



#94
 Hexachlorobutadiene
 Concen: 44.800 ug/l
 RT: 14.82 min Scan# 4114
 Delta R.T. 0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.6	31.6	95.0
227	61.7	32.0	96.2

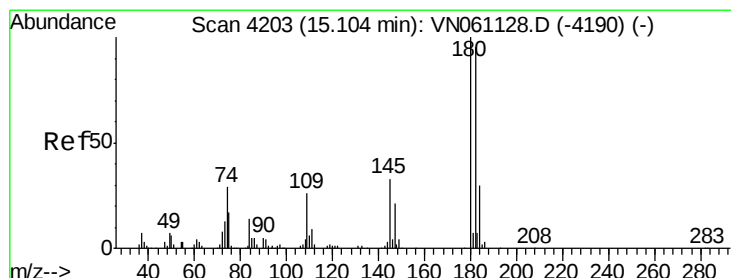
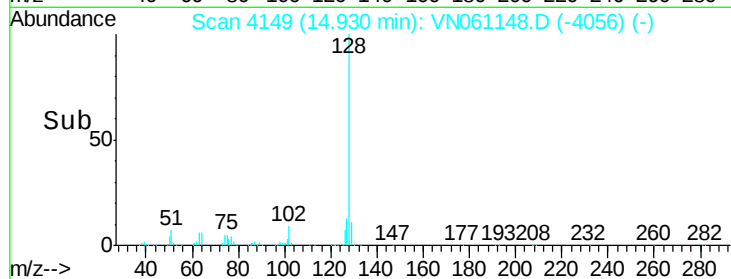
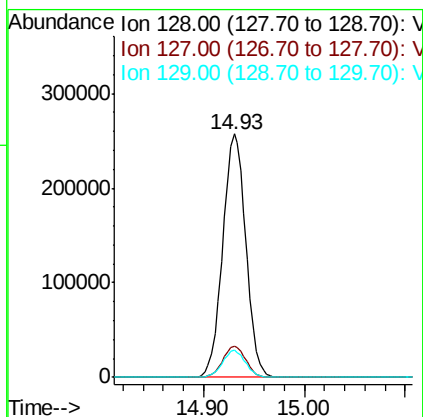
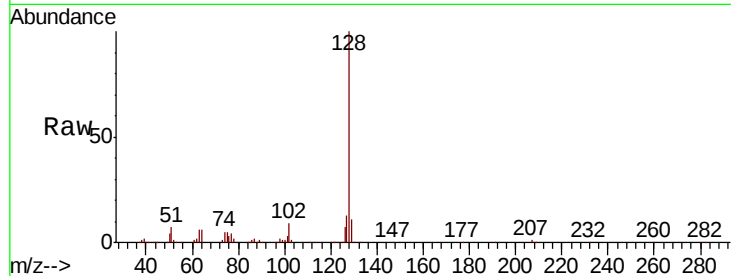




#95
Naphthalene
Concen: 44.978 ug/l
RT: 14.93 min Scan# 4149
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion:128 Resp: 412296
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 11.0 8.6 12.8



#96
1,2,3-Trichlorobenzene
Concen: 44.854 ug/l
RT: 15.10 min Scan# 4203
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Tgt Ion:180 Resp: 127961
Ion Ratio Lower Upper
180 100
182 96.4 47.7 143.1
145 32.1 16.3 48.8

