

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_N
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 29 13:47:52 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

33) 1,2-Dichloroethane-d4	7.77	65	120872	48.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.38%	
35) Dibromofluoromethane	7.31	113	87742	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
50) Toluene-d8	9.88	98	363703	47.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.98%	
62) 4-Bromofluorobenzene	12.21	95	136994	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.72	85	84231	48.39	ug/l	97
3) Chloromethane	1.91	50	97811	46.00	ug/l	97
4) Vinyl Chloride	2.03	62	119077	46.15	ug/l	97
5) Bromomethane	2.39	94	56559	45.10	ug/l	99
6) Chloroethane	2.52	64	62897	46.14	ug/l	100
7) Trichlorofluoromethane	2.82	101	134775	48.99	ug/l	99
8) Diethyl Ether	3.18	74	57121	44.95	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	3.51	101	86252	46.92	ug/l	99
10) Methyl Iodide	3.69	142	125463	47.32	ug/l	100
11) Tert butyl alcohol	4.43	59	64850	202.74	ug/l	99
12) 1,1-Dichloroethene	3.49	96	86784	46.37	ug/l	96
13) Acrolein	3.36	56	56418	230.83	ug/l	98
14) Allyl chloride	4.03	41	131592	54.07	ug/l	97
15) Acrylonitrile	4.64	53	227788	229.85	ug/l	100
16) Acetone	3.54	43	188856	221.19	ug/l	99
17) Carbon Disulfide	3.78	76	255948	45.73	ug/l	100
18) Methyl Acetate	4.02	43	129622	43.83	ug/l	98
19) Methyl tert-butyl Ether	4.69	73	307339	46.49	ug/l	99
20) Methylene Chloride	4.24	84	98829	45.57	ug/l	98
21) trans-1,2-Dichloroethene	4.70	96	97031	43.27	ug/l	97
22) Diisopropyl ether	5.61	45	320811	46.85	ug/l	98
23) Vinyl Acetate	5.55	43	1307621	238.27	ug/l	99
24) 1,1-Dichloroethane	5.51	63	180838	47.72	ug/l	99
25) 2-Butanone	6.51	43	301522	222.89	ug/l	98
26) 2,2-Dichloropropane	6.50	77	142259	41.69	ug/l	99
27) cis-1,2-Dichloroethene	6.51	96	111613	44.84	ug/l	98
28) Bromochloromethane	6.90	49	82649	50.76	ug/l	100
29) Tetrahydrofuran	6.90	42	205656	220.83	ug/l	100
30) Chloroform	7.09	83	183762	47.95	ug/l	98
31) Cyclohexane	7.37	56	168757	44.28	ug/l	99
32) 1,1,1-Trichloroethane	7.29	97	161461	47.24	ug/l	99
36) 1,1-Dichloropropene	7.52	75	137975	45.08	ug/l	100
37) Ethyl Acetate	6.61	43	133095	43.39	ug/l	100
38) Carbon Tetrachloride	7.50	117	122656	45.78	ug/l	99

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_N
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Apr 29 13:47:52 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)
39) Methylcyclohexane	8.85	83	168189	44.95	ug/l	99
40) Benzene	7.78	78	412002	45.46	ug/l	100
41) Methacrylonitrile	6.90	41	189840	130.36	ug/l #	22
42) 1,2-Dichloroethane	7.87	62	146058	45.23	ug/l	99
43) Isopropyl Acetate	7.92	43	231767	44.49	ug/l	99
44) Trichloroethene	8.60	130	117840	44.73	ug/l	98
45) 1,2-Dichloropropane	8.89	63	108061	45.07	ug/l	98
46) Dibromomethane	8.98	93	70646	45.98	ug/l	99
47) Bromodichloromethane	9.18	83	142851	47.17	ug/l	100
48) Methyl methacrylate	8.98	41	107884	43.98	ug/l	99
49) 1,4-Dioxane	8.97	88	20250	779.93	ug/l	98
51) 4-Methyl-2-Pentanone	9.78	43	670562	220.52	ug/l	100
52) Toluene	9.95	92	257884	45.46	ug/l	99
53) t-1,3-Dichloropropene	10.18	75	164707	44.44	ug/l	98
54) cis-1,3-Dichloropropene	9.63	75	174545	45.27	ug/l	99
55) 1,1,2-Trichloroethane	10.36	97	99811	45.66	ug/l	99
56) Ethyl methacrylate	10.23	69	155473	46.68	ug/l	99
57) 1,3-Dichloropropane	10.51	76	170081	45.85	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.49	63	410476	239.02	ug/l	100
59) 2-Hexanone	10.56	43	491110	218.62	ug/l	100
60) Dibromochloromethane	10.70	129	106588	46.63	ug/l	99
61) 1,2-Dibromoethane	10.81	107	106283	47.18	ug/l	98
64) Tetrachloroethene	10.43	164	125535	42.32	ug/l	99
65) Chlorobenzene	11.24	112	270910	45.99	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.32	131	97335	46.62	ug/l	99
67) Ethyl Benzene	11.32	91	506994	46.22	ug/l	100
68) m/p-Xylenes	11.43	106	380564	92.90	ug/l	99
69) o-Xylene	11.76	106	183177	46.32	ug/l	99
70) Styrene	11.77	104	304192	47.49	ug/l	99
71) Bromoform	11.93	173	75561	48.01	ug/l #	100
73) Isopropylbenzene	12.06	105	490924	44.43	ug/l	100
74) N-amyl acetate	11.89	43	213378	42.96	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.32	83	135928	45.91	ug/l	98
76) 1,2,3-Trichloropropane	12.36	75	190530	56.48	ug/l #	100
77) Bromobenzene	12.33	156	117698	43.72	ug/l	98
78) n-propylbenzene	12.40	91	575505	44.41	ug/l	100
79) 2-Chlorotoluene	12.48	91	332931	44.24	ug/l	100
80) 1,3,5-Trimethylbenzene	12.55	105	412521	44.31	ug/l	100
81) trans-1,4-Dichloro-2-buten	12.11	75	51652	40.21	ug/l	97
82) 4-Chlorotoluene	12.58	91	353006	44.22	ug/l	100
83) tert-Butylbenzene	12.81	119	346863	44.36	ug/l	98
84) 1,2,4-Trimethylbenzene	12.85	105	413494	44.59	ug/l	100
85) sec-Butylbenzene	12.99	105	468901	44.32	ug/l	99
86) p-Isopropyltoluene	13.10	119	426855	44.45	ug/l	99
87) 1,3-Dichlorobenzene	13.09	146	213524	44.75	ug/l	100
88) 1,4-Dichlorobenzene	13.17	146	216250	44.65	ug/l	100
89) n-Butylbenzene	13.43	91	391501	44.68	ug/l	100
90) Hexachloroethane	13.68	117	37341	38.60	ug/l	98
91) 1,2-Dichlorobenzene	13.46	146	204071	45.97	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	14.08	75	28267	43.98	ug/l	99

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_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 29 13:47:52 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

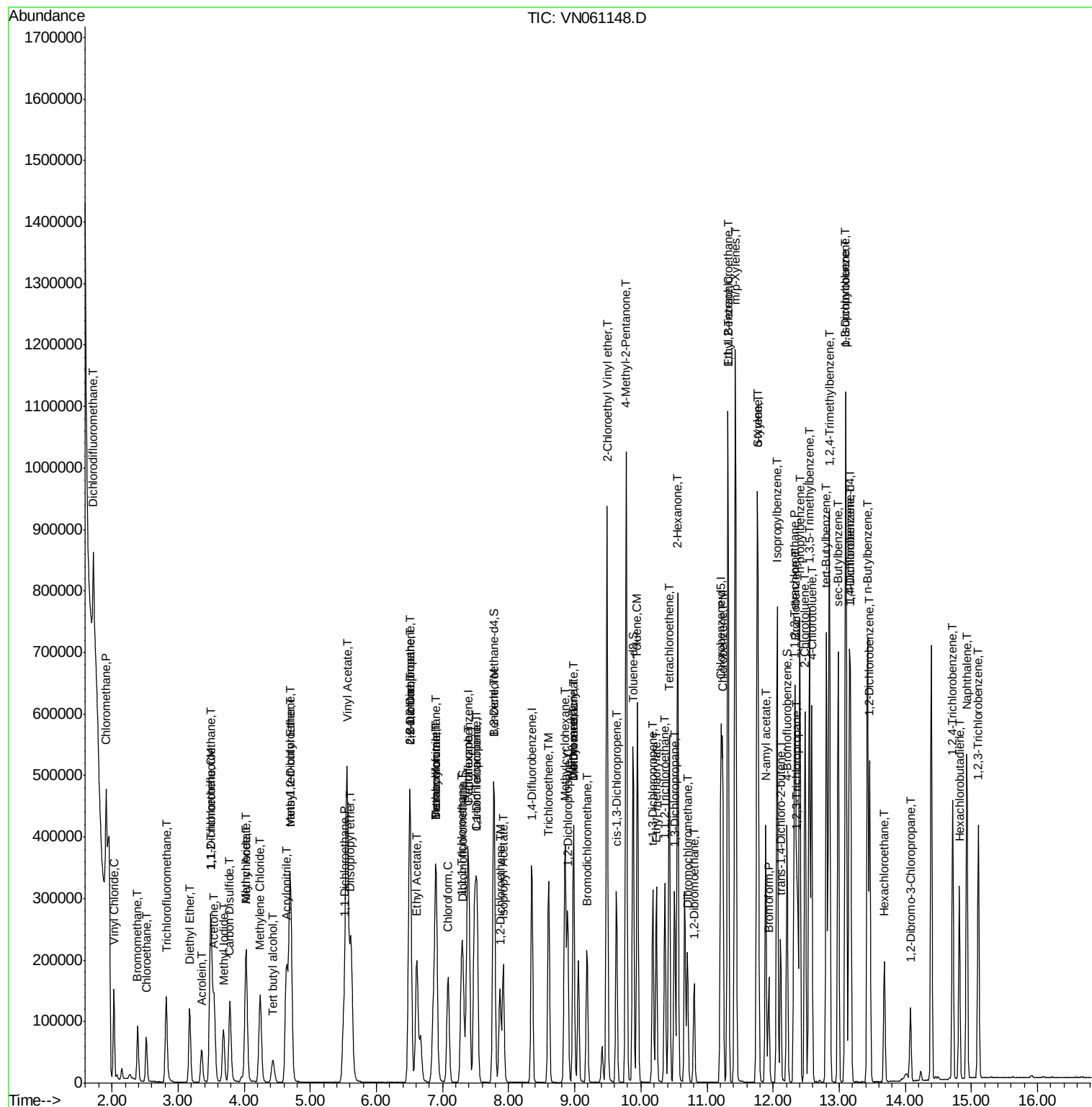
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.71	180	134819	45.41	ug/l	99
94) Hexachlorobutadiene	14.82	225	58004	44.80	ug/l	97
95) Naphthalene	14.93	128	412296	44.98	ug/l	100
96) 1,2,3-Trichlorobenzene	15.10	180	127961	44.85	ug/l	99

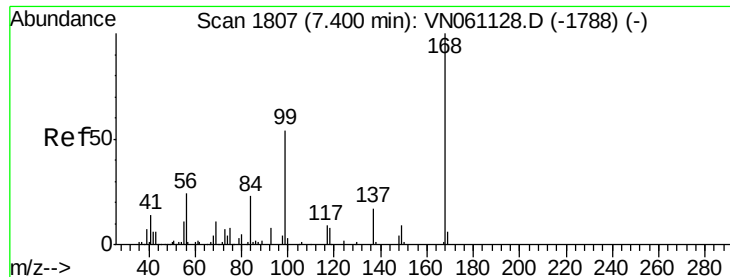
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\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_N
ClientSampleId :
VSTDCCC050EC

Quant Time: Apr 29 13:47:52 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_N\METHODS\82N042220W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 22 15:26:40 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 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_N

ClientSampleId :

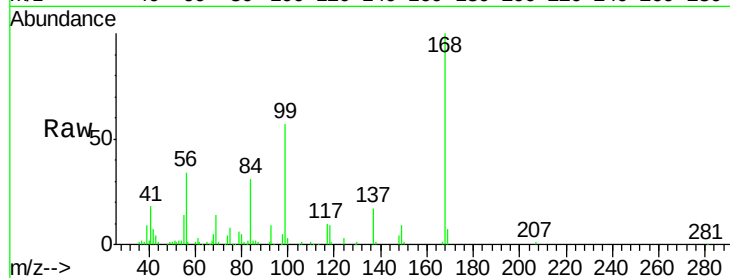
VSTDCCC050EC

Tgt Ion:168 Resp: 187211

Ion Ratio Lower Upper

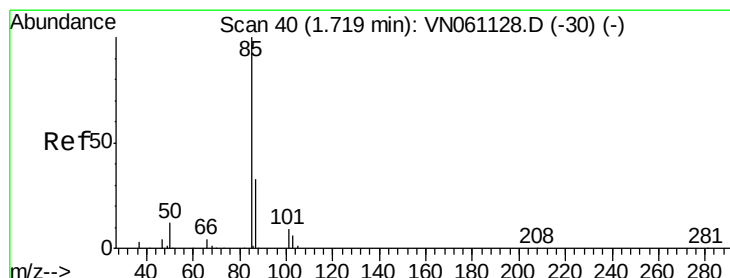
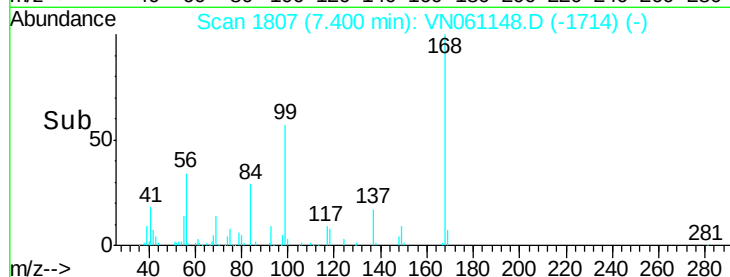
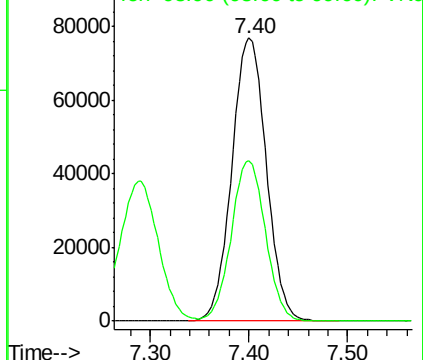
168 100

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): VNO



#2

Dichlorodifluoromethane

Concen: 48.39 ug/l

RT: 1.72 min Scan# 40

Delta R.T. 0.00 min

Lab File: VN061148.D

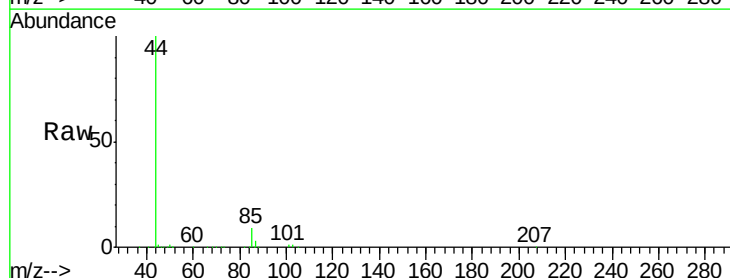
Acq: 22 Apr 2020 23:18

Tgt Ion: 85 Resp: 84231

Ion Ratio Lower Upper

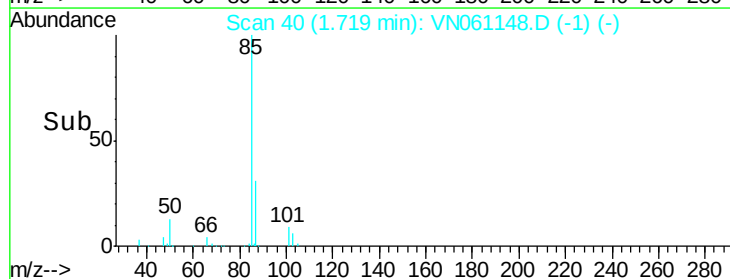
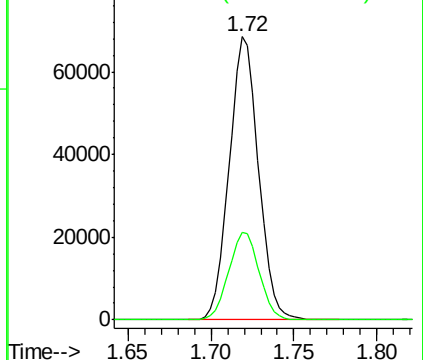
85 100

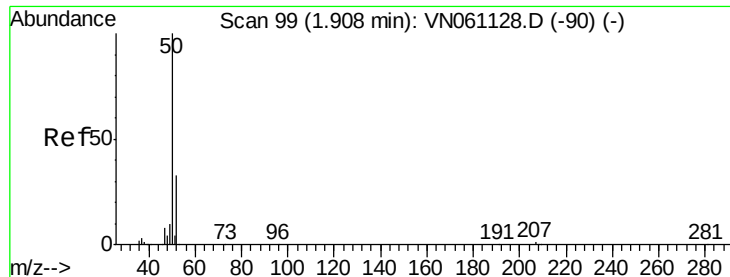
87 31.1 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VNO

Ion 86.90 (86.60 to 87.60): VNO

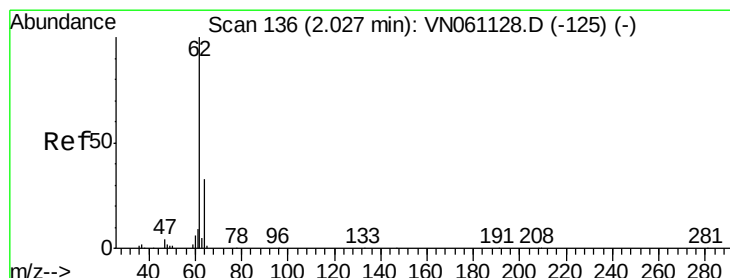
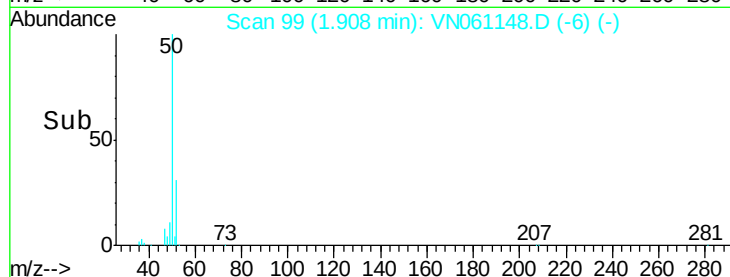
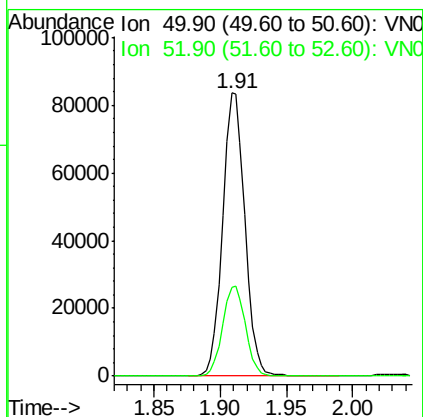
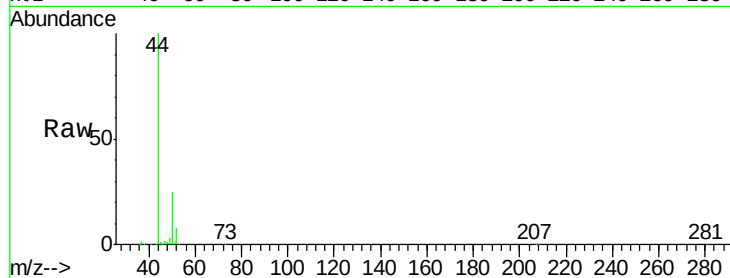




#3
 Chloromethane
 Concen: 46.00 ug/l
 RT: 1.91 min Scan# 99
 Delta R.T. 0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

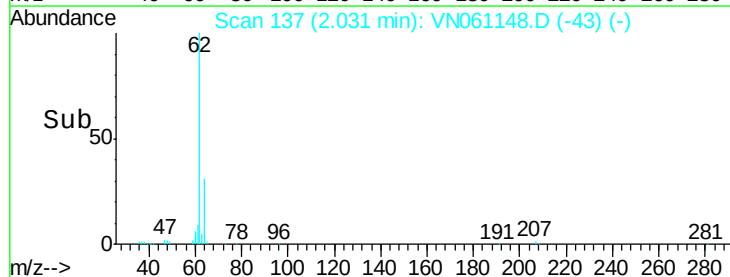
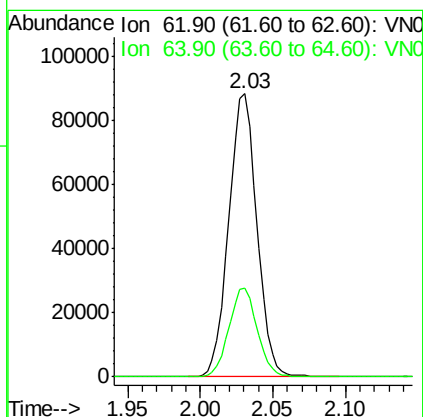
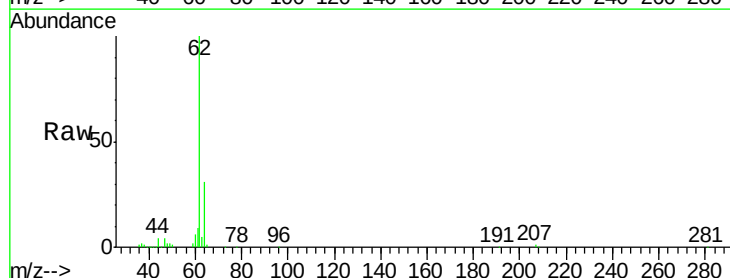
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

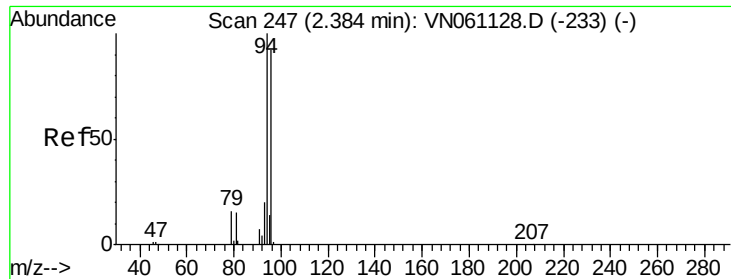
Tgt Ion: 50 Resp: 97811
 Ion Ratio Lower Upper
 50 100
 52 31.5 26.3 39.5



#4
 Vinyl Chloride
 Concen: 46.15 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: 45.10 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_N

ClientSampleId :

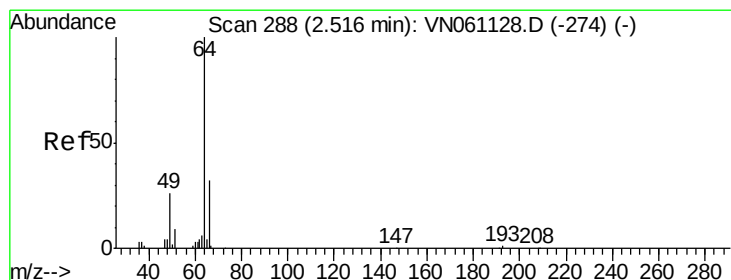
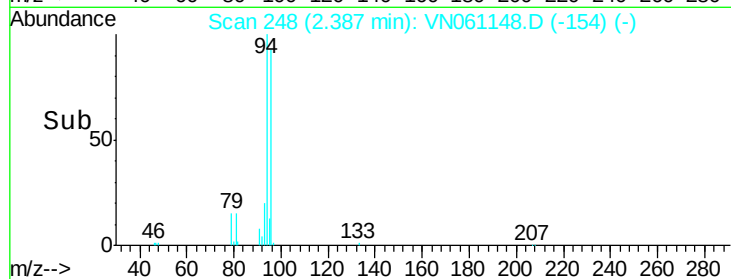
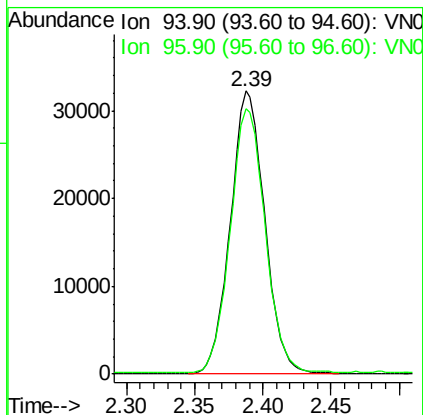
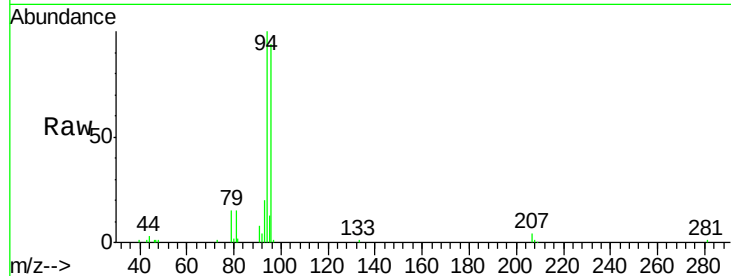
VSTDCCC050EC

Tgt Ion: 94 Resp: 56559

Ion Ratio Lower Upper

94 100

96 93.3 73.6 110.4



#6

Chloroethane

Concen: 46.14 ug/l

RT: 2.52 min Scan# 289

Delta R.T. 0.00 min

Lab File: VN061148.D

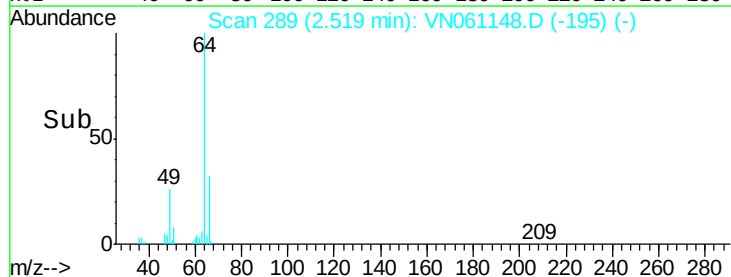
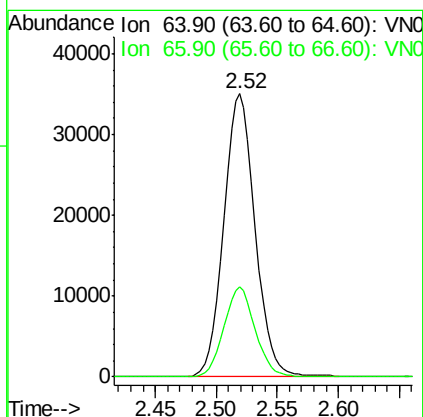
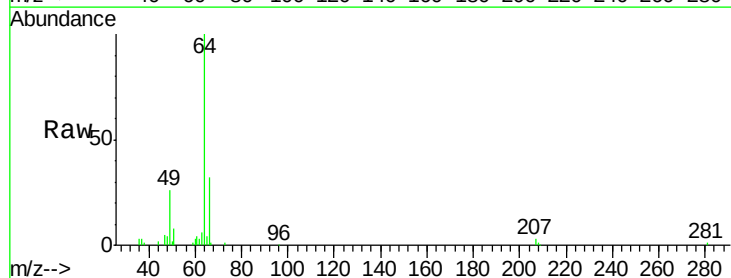
Acq: 22 Apr 2020 23:18

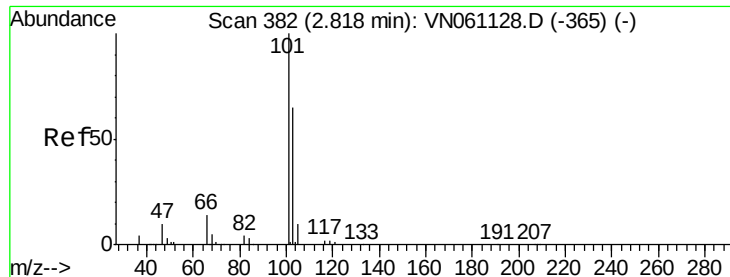
Tgt Ion: 64 Resp: 62897

Ion Ratio Lower Upper

64 100

66 31.9 25.4 38.2



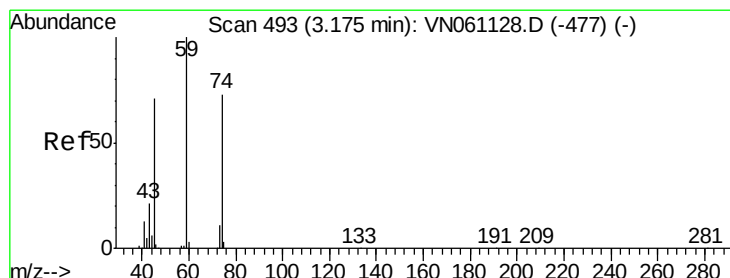
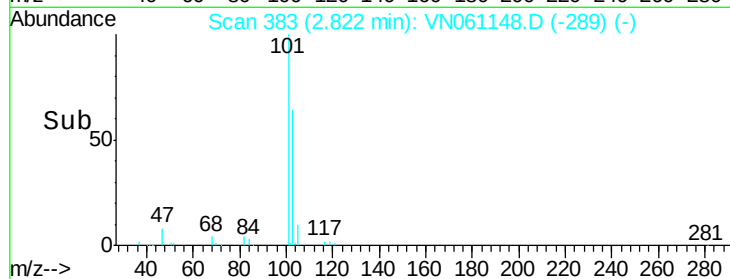
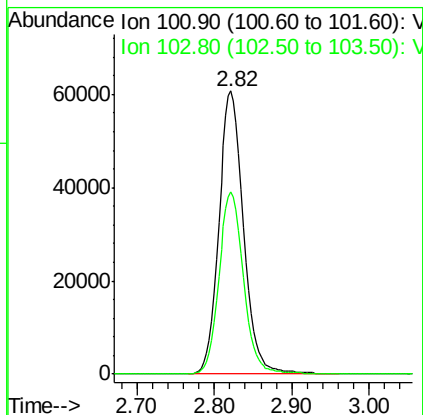
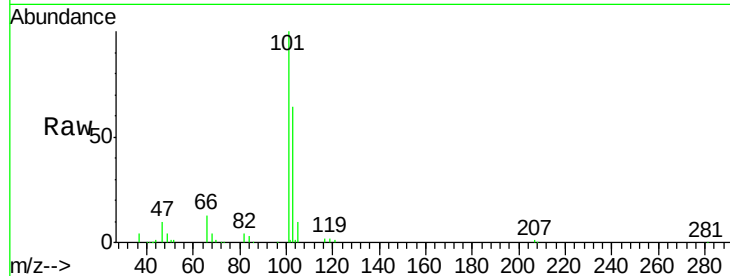


#7

Trichlorofluoromethane
 Concen: 48.99 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 :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

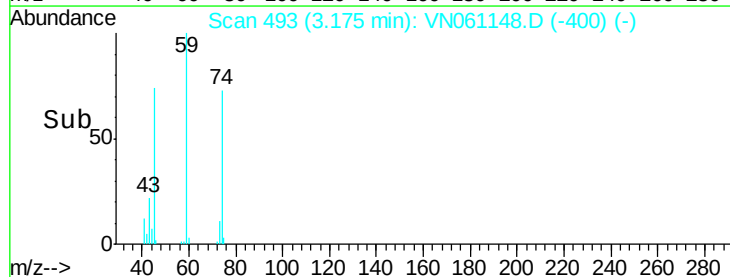
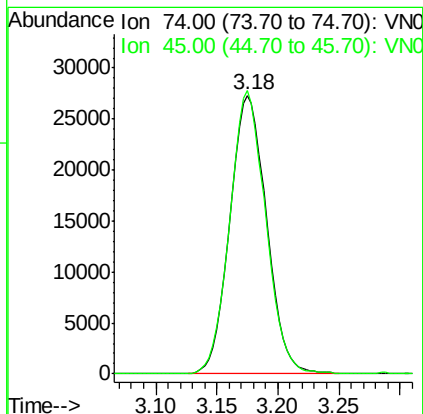
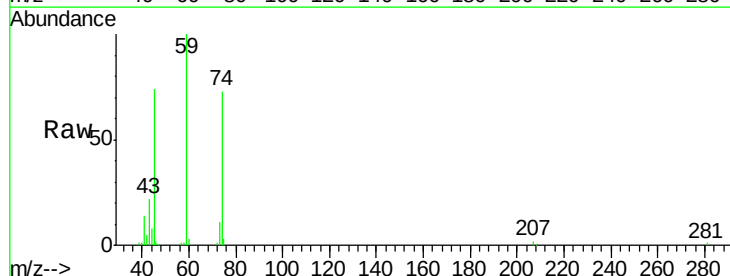
Tgt Ion: 101 Resp: 134775
 Ion Ratio Lower Upper
 101 100
 103 64.4 52.1 78.1

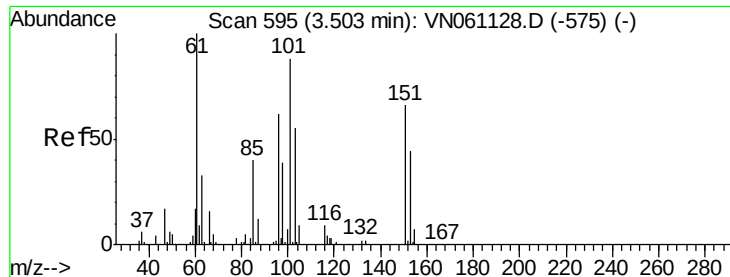


#8

Diethyl Ether
 Concen: 44.95 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: 46.92 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_N

ClientSampleId :

VSTDCCC050EC

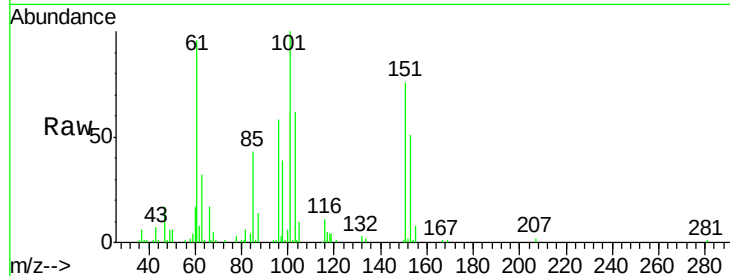
Tgt Ion:101 Resp: 86252

Ion Ratio Lower Upper

101 100

85 44.8 36.2 54.4

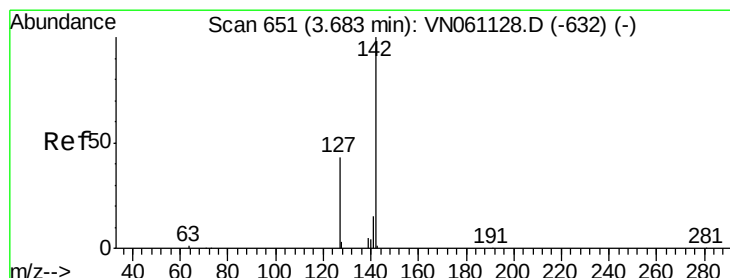
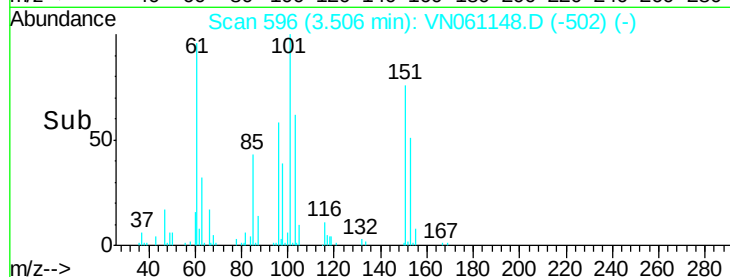
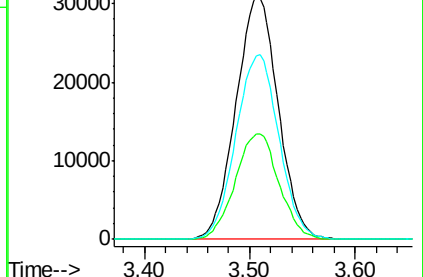
151 77.6 61.8 92.8



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 47.32 ug/l

RT: 3.69 min Scan# 652

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

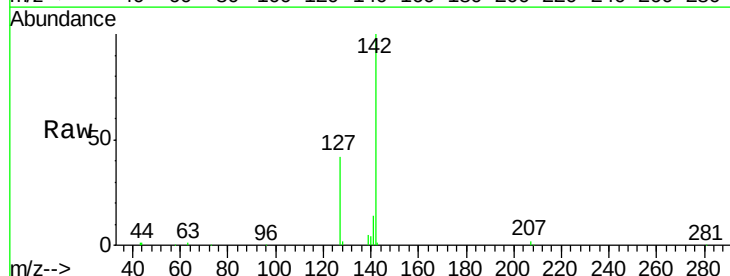
Tgt Ion:142 Resp: 125463

Ion Ratio Lower Upper

142 100

127 42.6 34.2 51.4

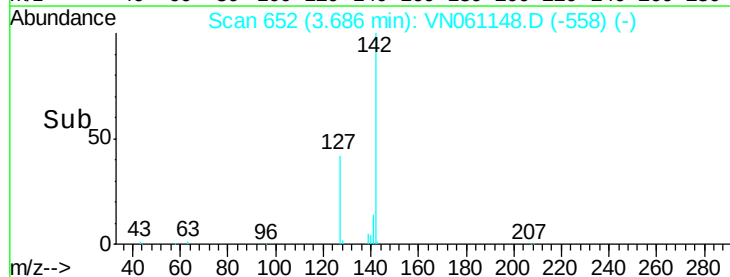
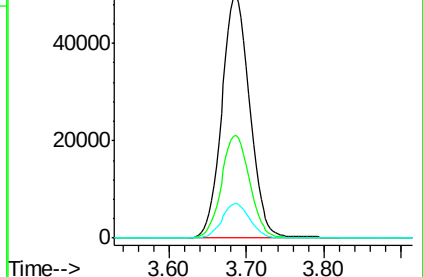
141 14.0 11.3 16.9

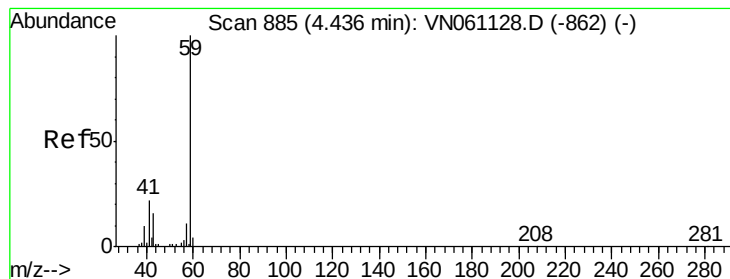


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



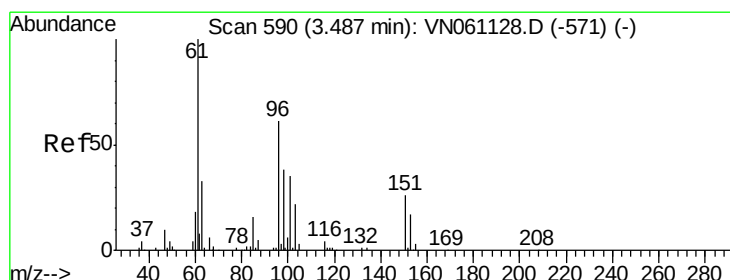
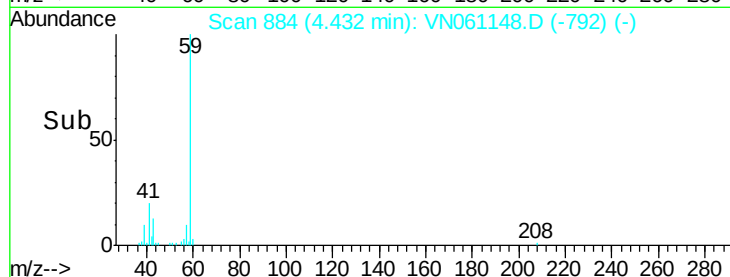
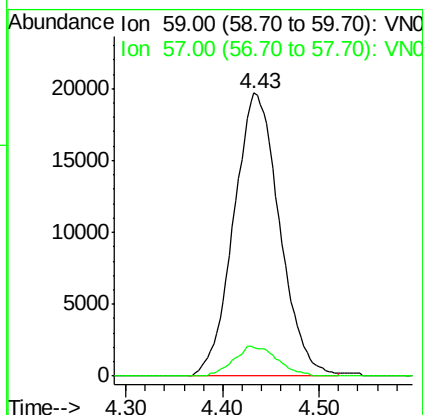
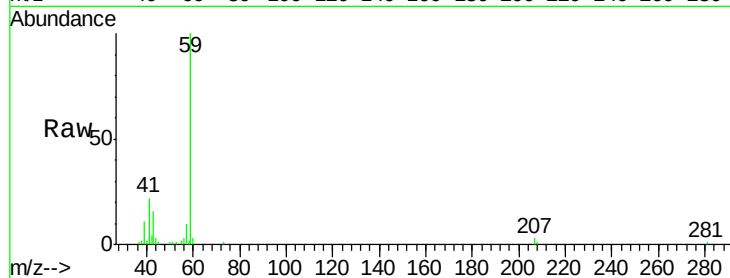


#11

Tert butyl alcohol
 Concen: 202.74 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_N
 ClientSampleId :
 VSTDCCC050EC

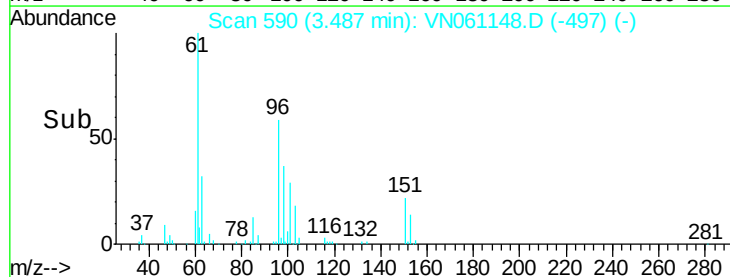
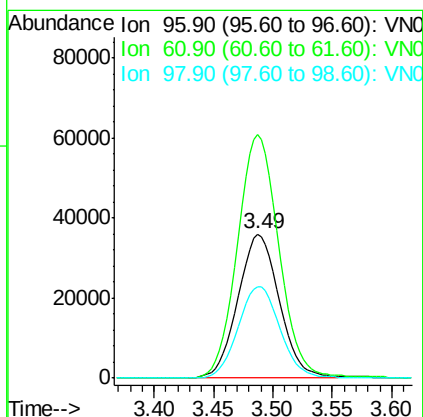
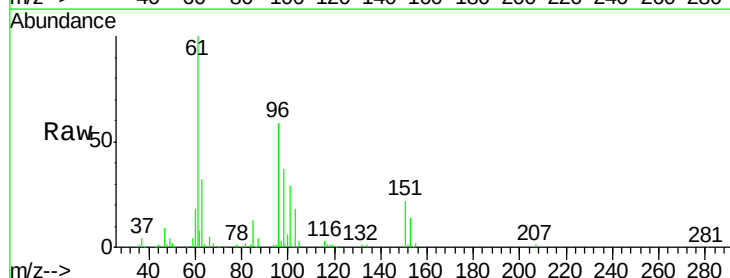
Tgt Ion: 59 Resp: 64850
 Ion Ratio Lower Upper
 59 100
 57 10.0 8.2 12.4

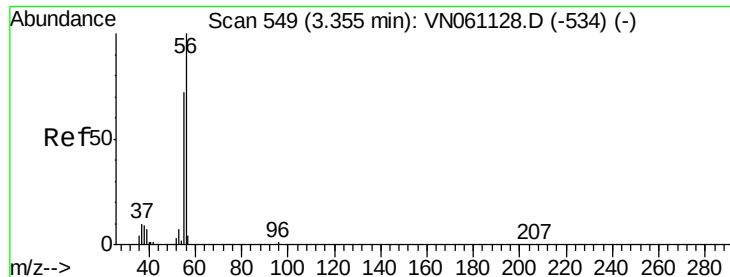


#12

1,1-Dichloroethene
 Concen: 46.37 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: 230.83 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_N

ClientSampleId :

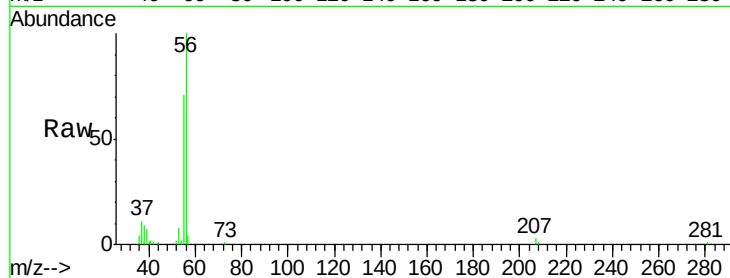
VSTDCCC050EC

Tgt Ion: 56 Resp: 56418

Ion Ratio Lower Upper

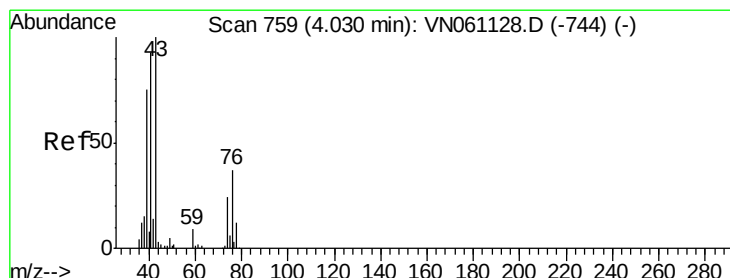
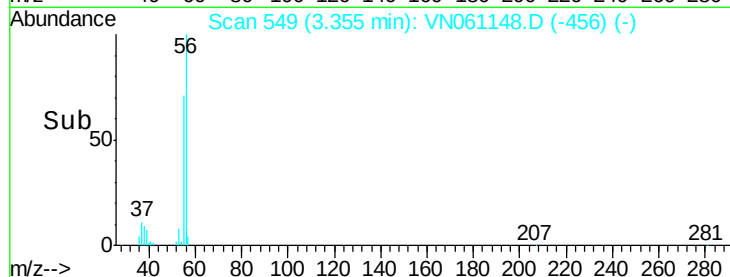
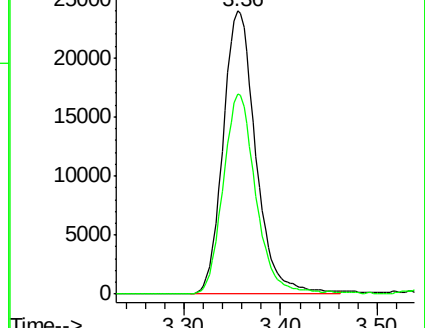
56 100

55 70.3 57.4 86.0



Abundance Ion 56.00 (55.70 to 56.70): VN061148.D (-534) (-)

Ion 55.00 (54.70 to 55.70): VN061148.D (-534) (-)



#14

Allyl chloride

Concen: 54.07 ug/l

RT: 4.03 min Scan# 759

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

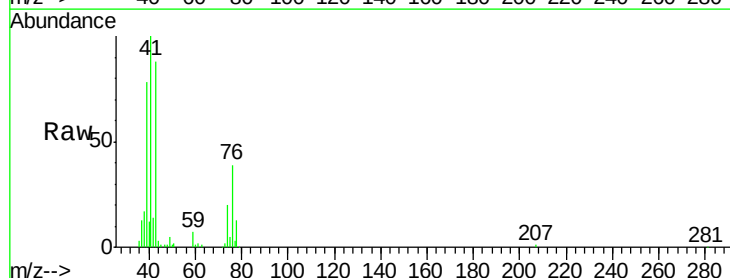
Tgt Ion: 41 Resp: 131592

Ion Ratio Lower Upper

41 100

39 78.4 61.0 91.4

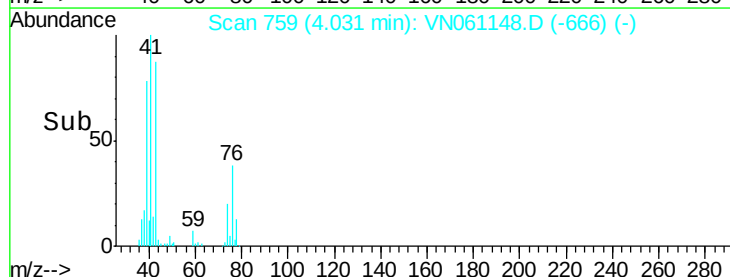
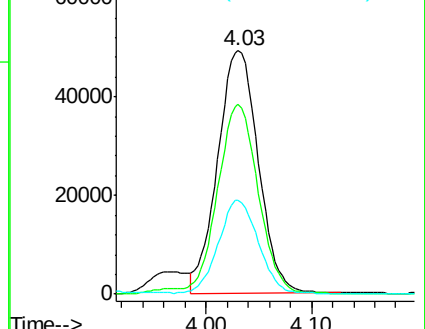
76 38.5 28.9 43.3

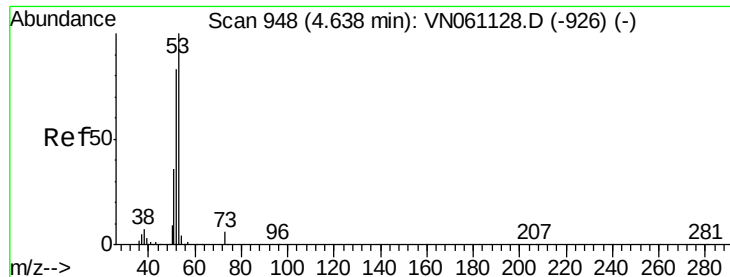


Abundance Ion 41.00 (40.70 to 41.70): VN061148.D (-744) (-)

Ion 39.00 (38.70 to 39.70): VN061148.D (-744) (-)

Ion 75.90 (75.60 to 76.60): VN061148.D (-744) (-)





#15

Acrylonitrile

Concen: 229.85 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_N

ClientSampleId :

VSTDCCC050EC

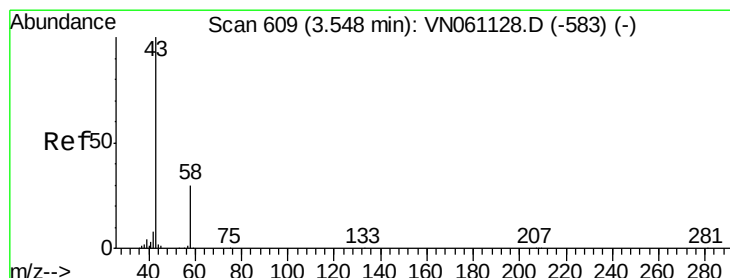
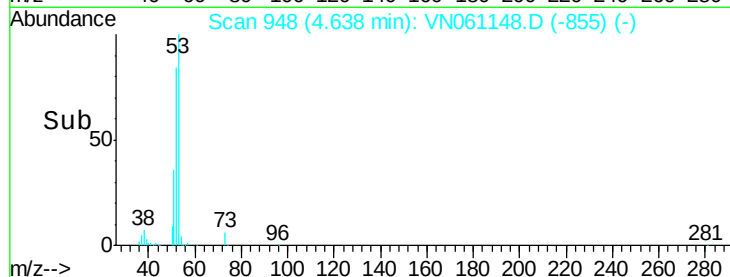
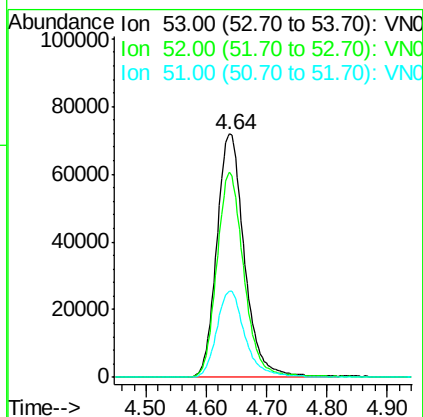
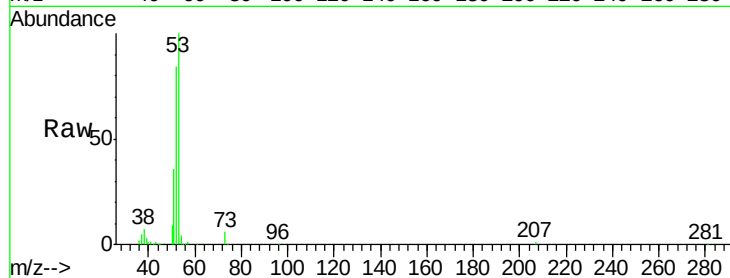
Tgt Ion: 53 Resp: 227788

Ion Ratio Lower Upper

53 100

52 82.3 66.1 99.1

51 36.4 29.0 43.4



#16

Acetone

Concen: 221.19 ug/l

RT: 3.54 min Scan# 608

Delta R.T. -0.00 min

Lab File: VN061148.D

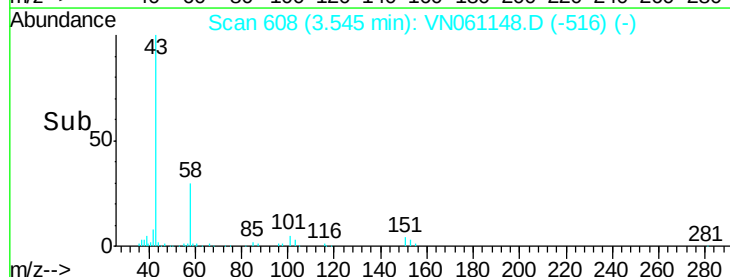
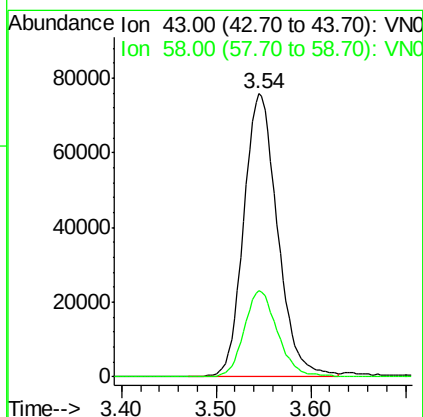
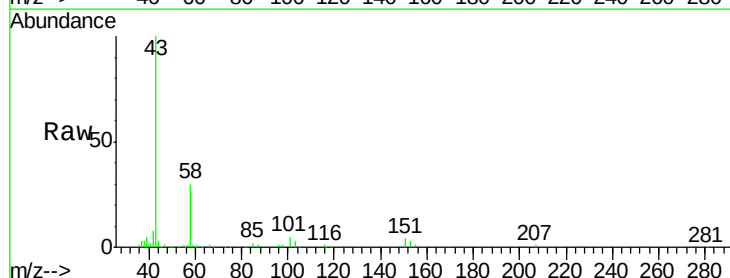
Acq: 22 Apr 2020 23:18

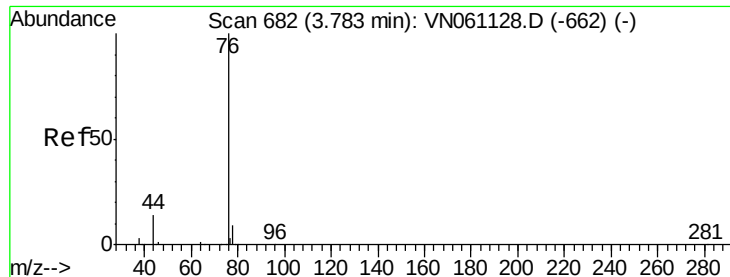
Tgt Ion: 43 Resp: 188856

Ion Ratio Lower Upper

43 100

58 30.3 23.6 35.4

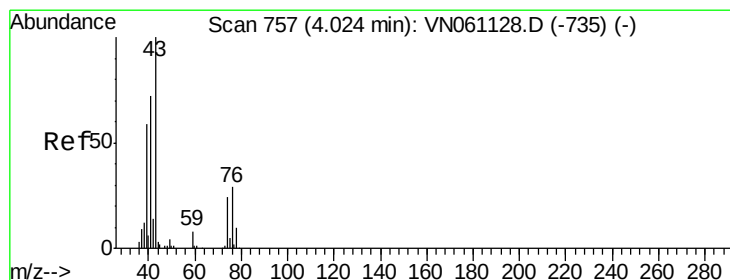
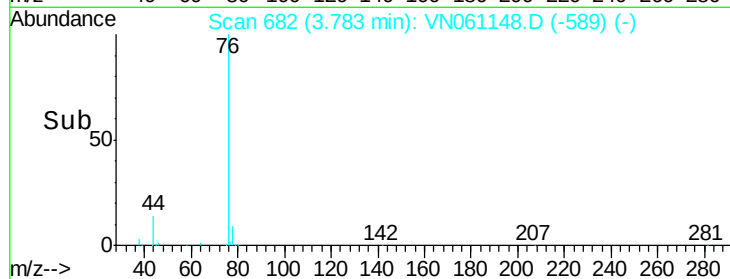
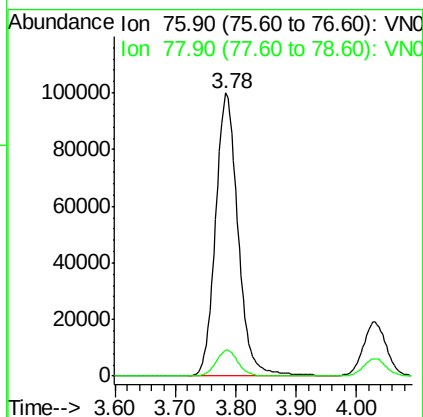
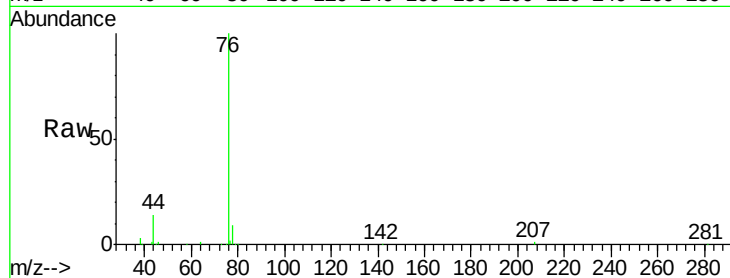




#17
Carbon Disulfide
Concen: 45.73 ug/l
RT: 3.78 min Scan# 682
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

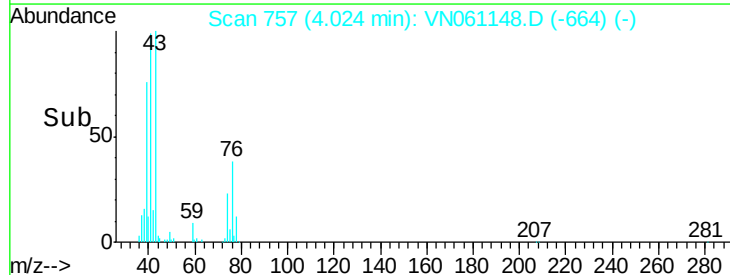
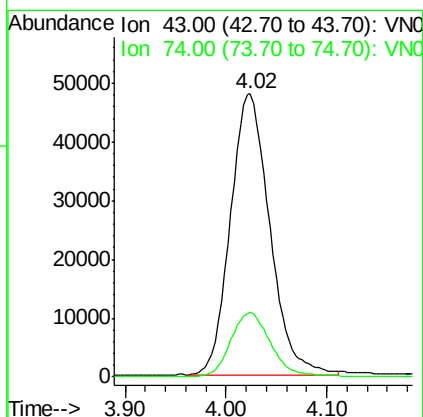
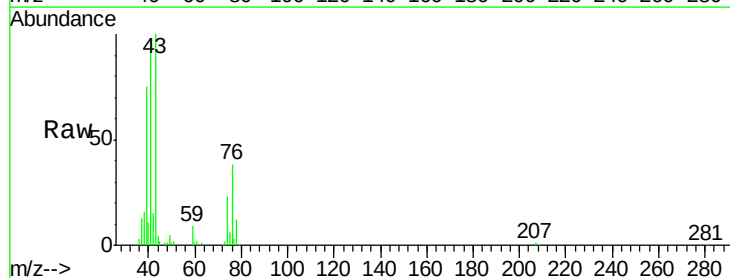
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

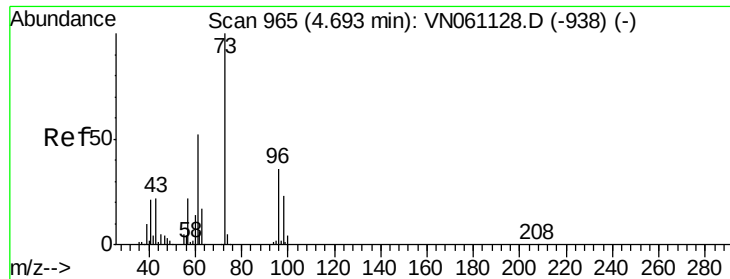
Tgt Ion: 76 Resp: 255948
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8



#18
Methyl Acetate
Concen: 43.83 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

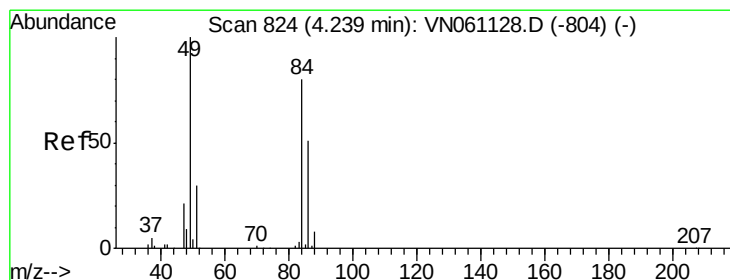
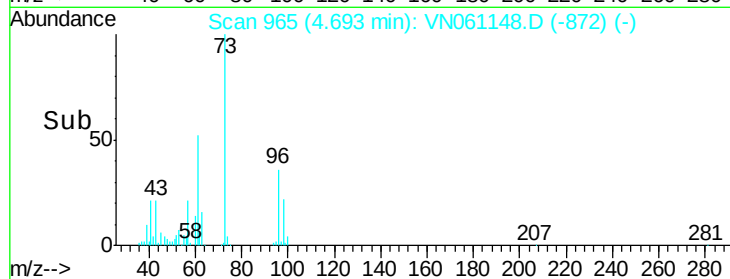
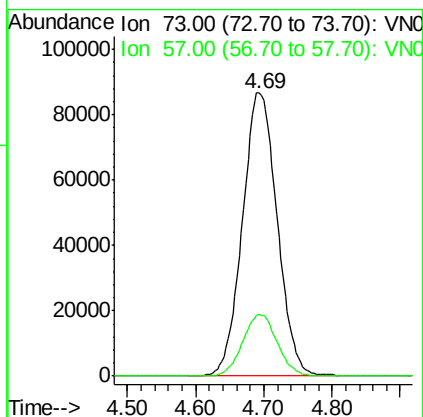
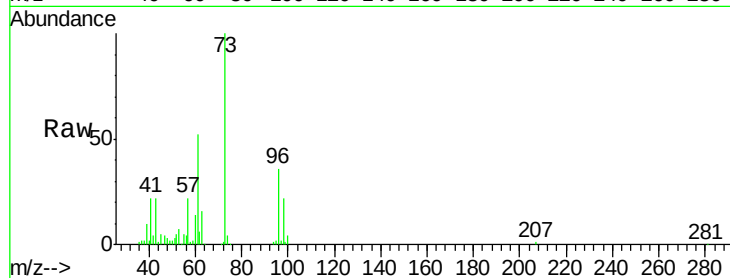




#19
Methyl tert-butyl Ether
Concen: 46.49 ug/l
RT: 4.69 min Scan# 965
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

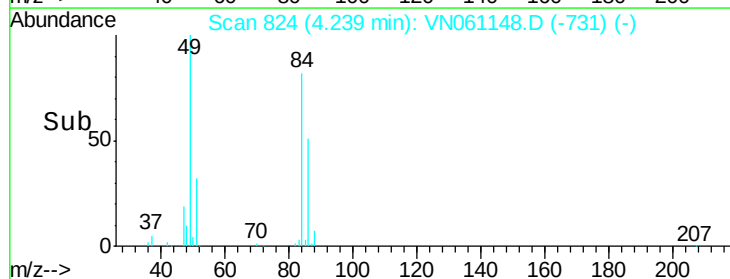
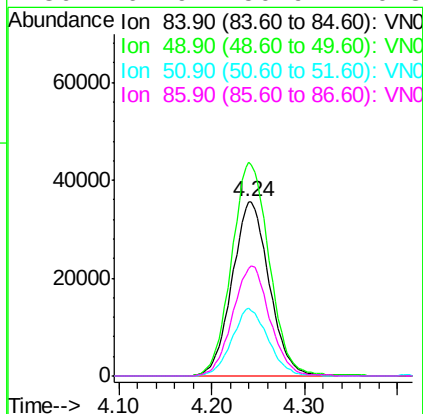
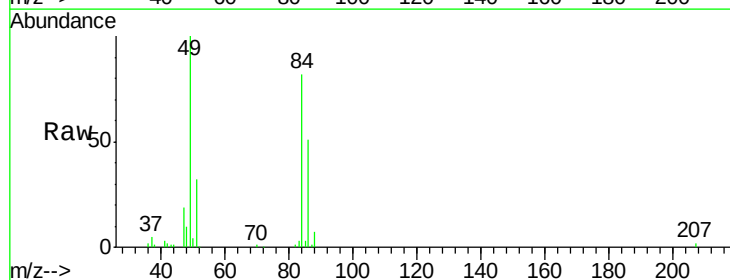
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

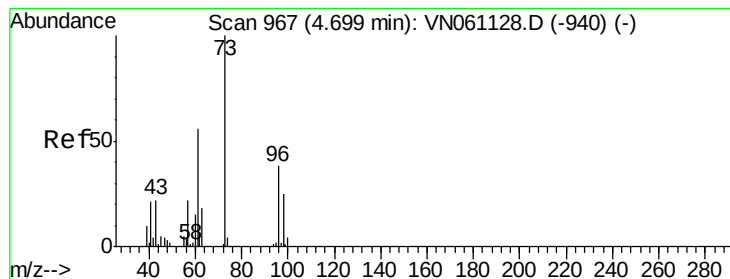
Tgt Ion: 73 Resp: 307339
Ion Ratio Lower Upper
73 100
57 21.8 17.8 26.8



#20
Methylene Chloride
Concen: 45.57 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: 43.27 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_N

ClientSampleId :

VSTDCCC050EC

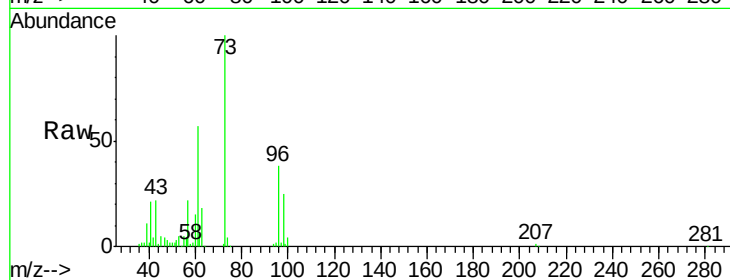
Tgt Ion: 96 Resp: 97031

Ion Ratio Lower Upper

96 100

61 149.7 116.4 174.6

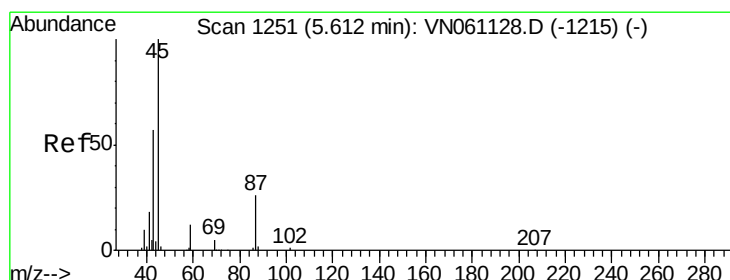
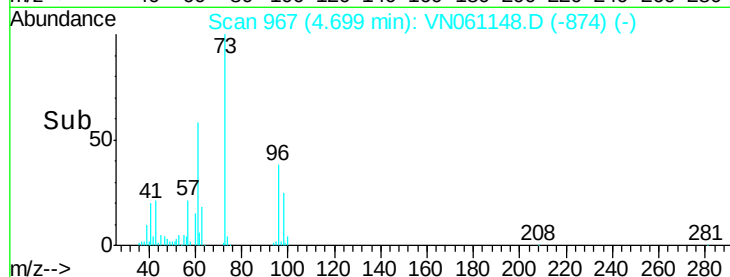
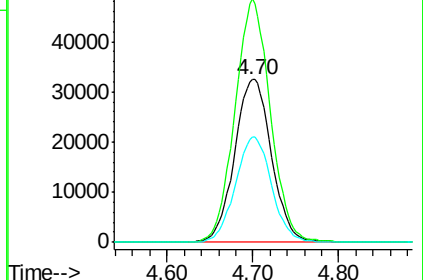
98 65.0 51.4 77.2



Abundance Ion 95.90 (95.60 to 96.60): VN061148.D (-940) (-)

Ion 60.90 (60.60 to 61.60): VN061148.D (-940) (-)

Ion 97.90 (97.60 to 98.60): VN061148.D (-940) (-)



#22

Diisopropyl ether

Concen: 46.85 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

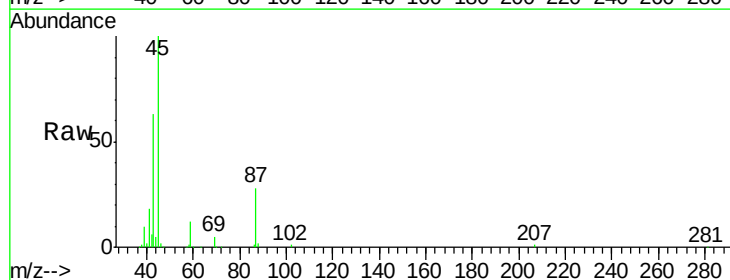
Ion Ratio Lower Upper

45 100

43 61.7 48.4 72.6

87 28.0 21.4 32.0

59 11.6 9.4 14.2

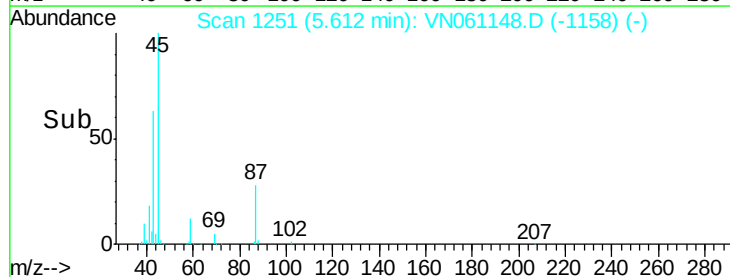
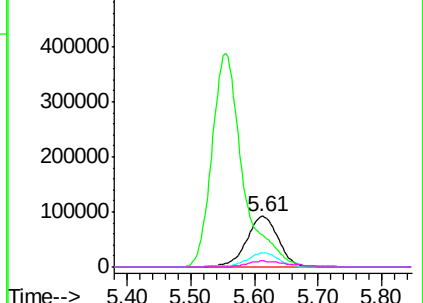


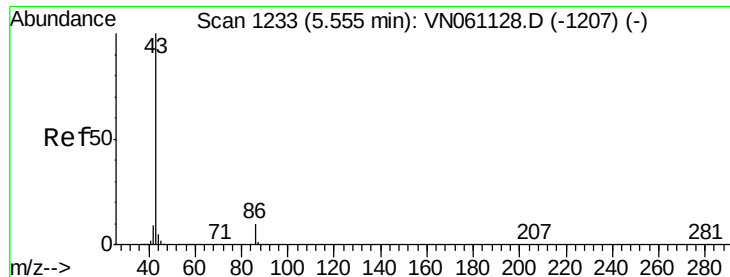
Abundance Ion 45.00 (44.70 to 45.70): VN061148.D (-1215) (-)

Ion 43.00 (42.70 to 43.70): VN061148.D (-1215) (-)

Ion 87.00 (86.70 to 87.70): VN061148.D (-1215) (-)

Ion 59.00 (58.70 to 59.70): VN061148.D (-1215) (-)





#23

Vinyl Acetate

Concen: 238.27 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_N

ClientSampleId :

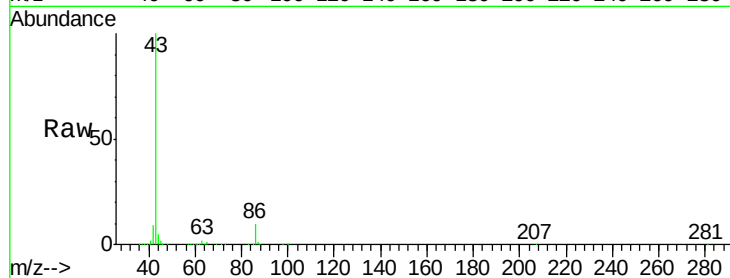
VSTDCCC050EC

Tgt Ion: 43 Resp: 1307621

Ion Ratio Lower Upper

43 100

86 10.1 7.8 11.8



Abundance Ion 43.00 (42.70 to 43.70): VN0

Ion 86.00 (85.70 to 86.70): VN0

5.55

400000

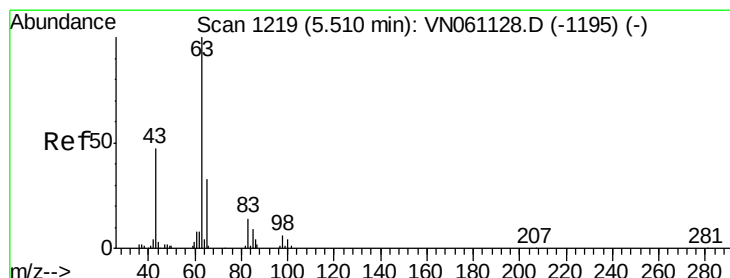
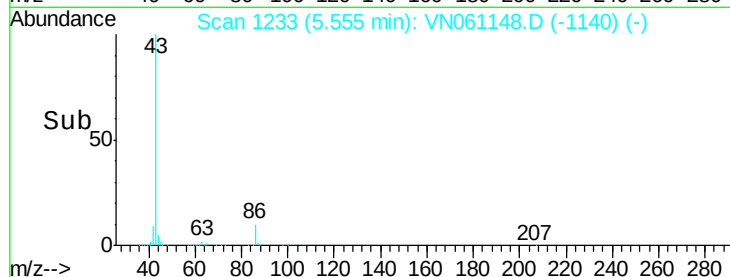
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 47.72 ug/l

RT: 5.51 min Scan# 1219

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

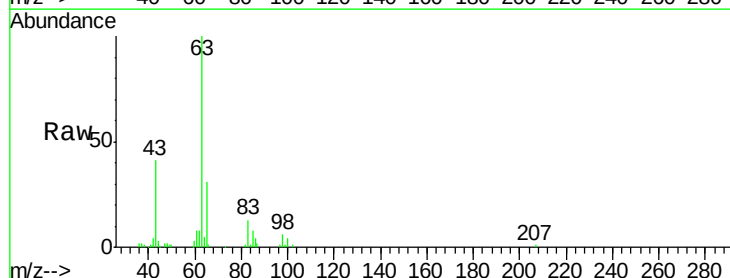
Tgt Ion: 63 Resp: 180838

Ion Ratio Lower Upper

63 100

98 6.0 3.3 9.8

100 4.1 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 97.90 (97.60 to 98.60): VN0

Ion 99.90 (99.60 to 100.60): VN0

5.51

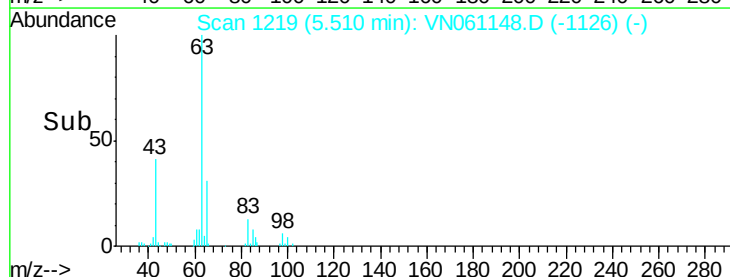
60000

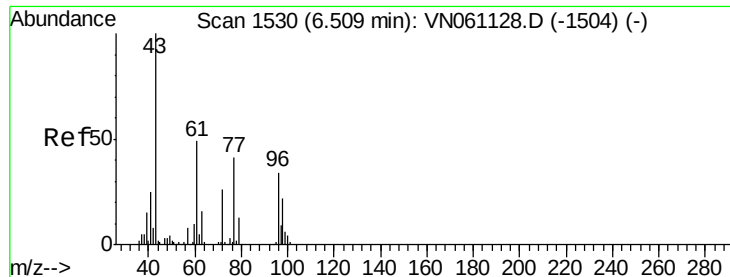
40000

20000

0

Time-->





#25

2-Butanone

Concen: 222.89 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_N

ClientSampleId :

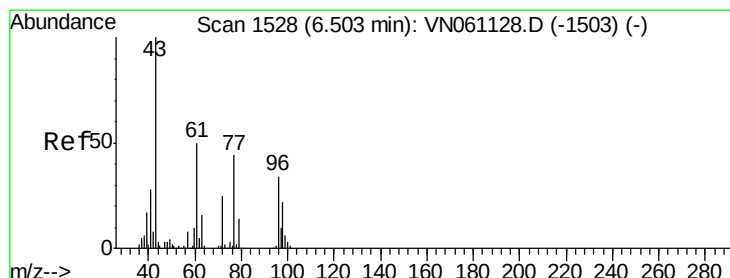
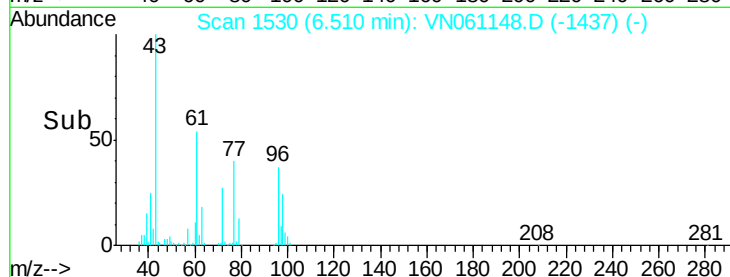
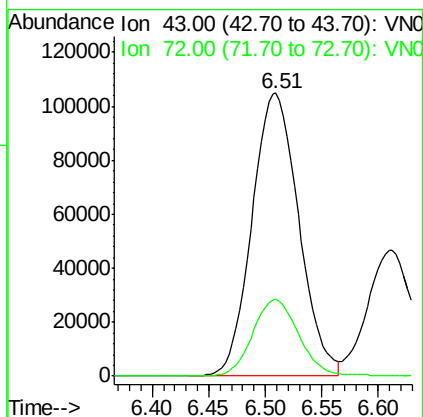
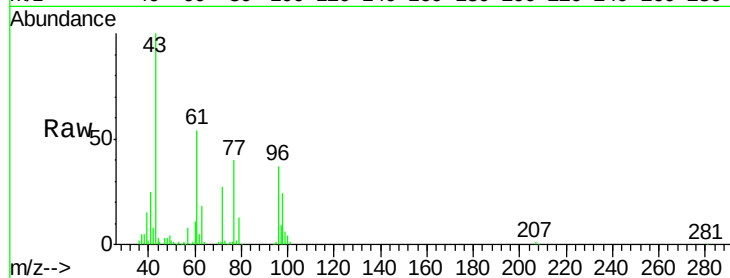
VSTDCCC050EC

Tgt Ion: 43 Resp: 301522

Ion Ratio Lower Upper

43 100

72 27.1 20.8 31.2



#26

2,2-Dichloropropane

Concen: 41.69 ug/l

RT: 6.50 min Scan# 1528

Delta R.T. 0.00 min

Lab File: VN061148.D

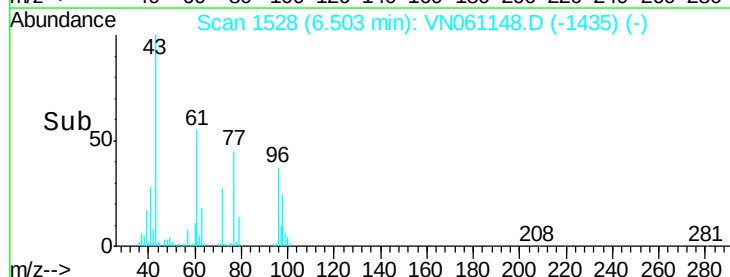
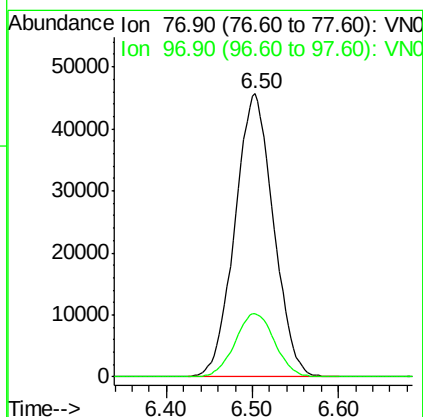
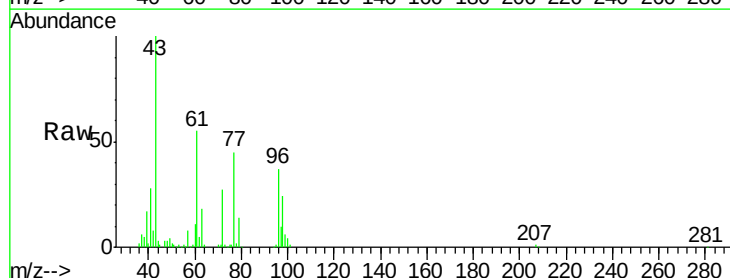
Acq: 22 Apr 2020 23:18

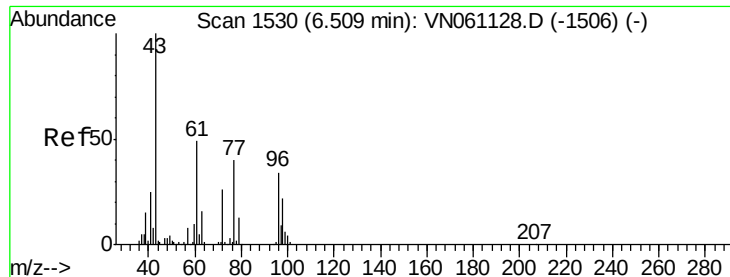
Tgt Ion: 77 Resp: 142259

Ion Ratio Lower Upper

77 100

97 23.0 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 44.84 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_N

ClientSampleId :

VSTDCCC050EC

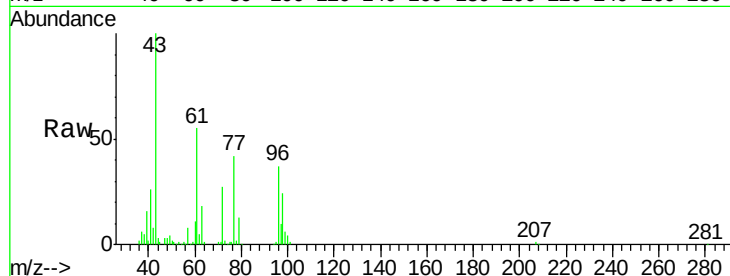
Tgt Ion: 96 Resp: 111613

Ion Ratio Lower Upper

96 100

61 147.1 0.0 300.4

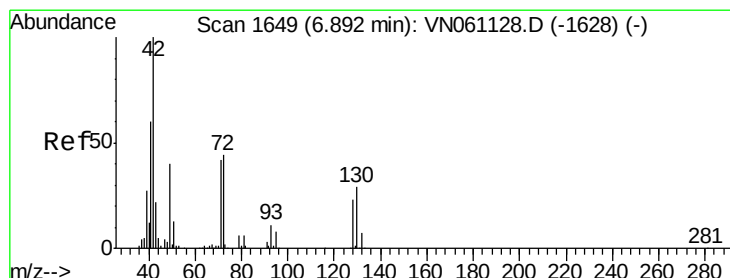
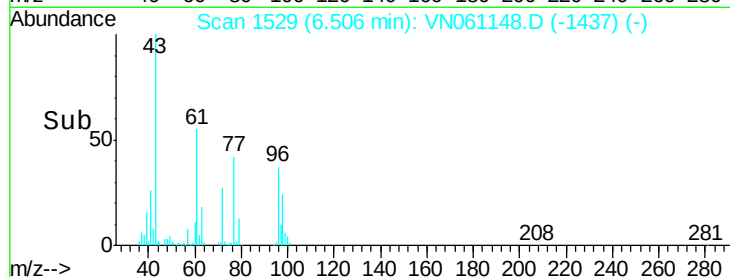
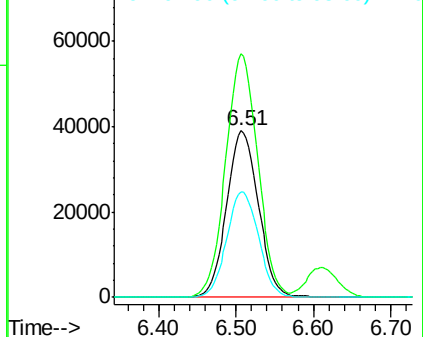
98 63.6 0.0 129.6



Abundance Ion 95.90 (95.60 to 96.60): VN061148.D (-1506) (-)

Ion 60.90 (60.60 to 61.60): VN061148.D (-1506) (-)

Ion 97.90 (97.60 to 98.60): VN061148.D (-1506) (-)



#28

Bromochloromethane

Concen: 50.76 ug/l

RT: 6.90 min Scan# 1650

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

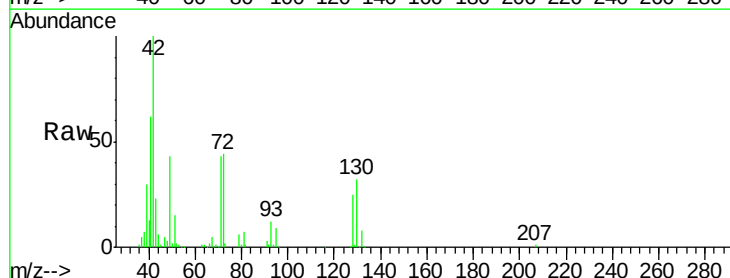
Tgt Ion: 49 Resp: 82649

Ion Ratio Lower Upper

49 100

129 1.8 0.0 2.2

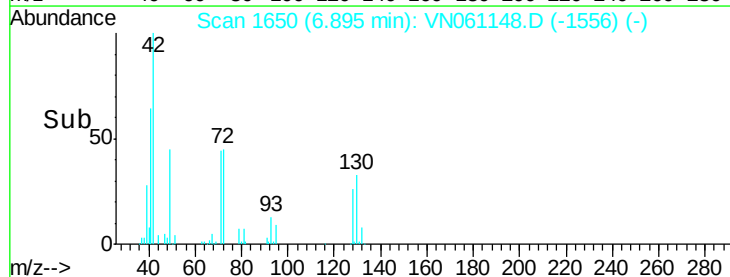
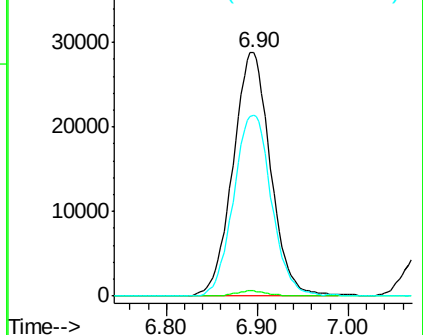
130 74.7 59.7 89.5

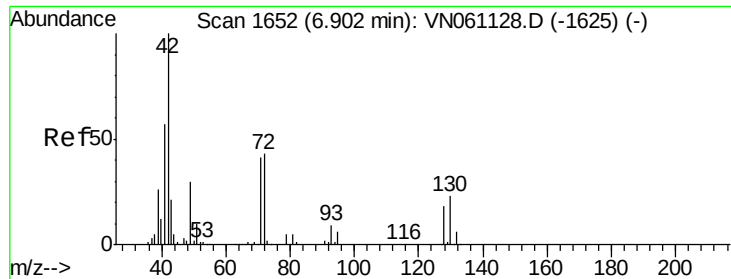


Abundance Ion 48.90 (48.60 to 49.60): VN061148.D (-1628) (-)

Ion 128.80 (128.50 to 129.50): VN061148.D (-1628) (-)

Ion 129.80 (129.50 to 130.50): VN061148.D (-1628) (-)

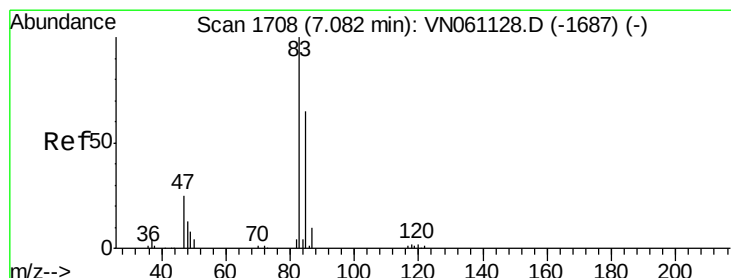
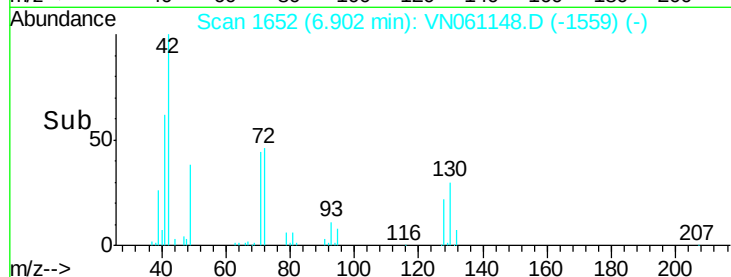
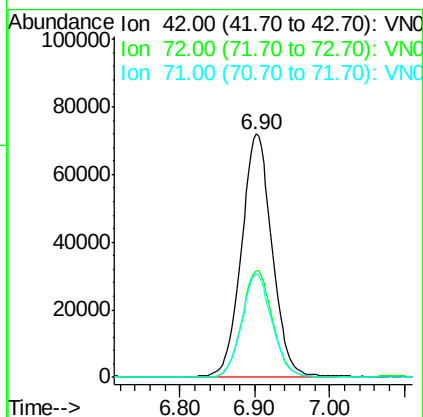
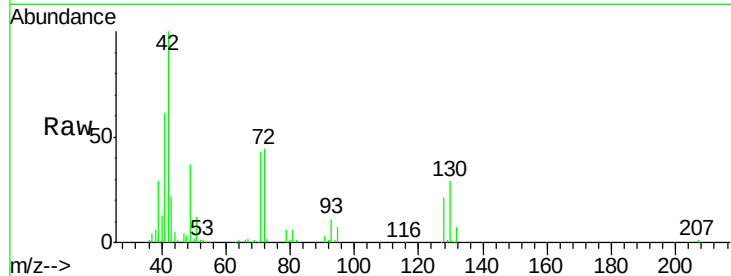




#29
Tetrahydrofuran
Concen: 220.83 ug/l
RT: 6.90 min Scan# 1652
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

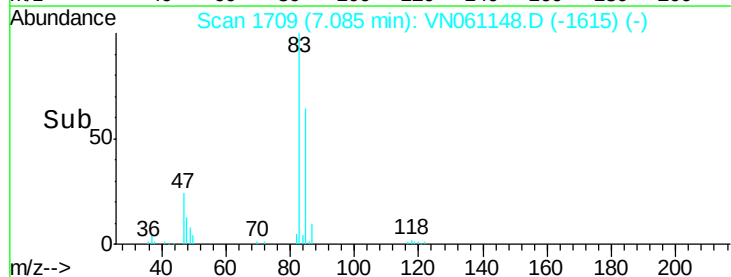
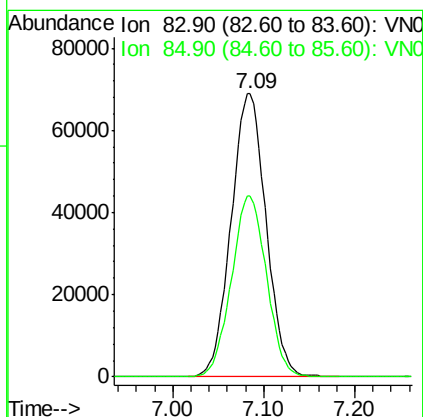
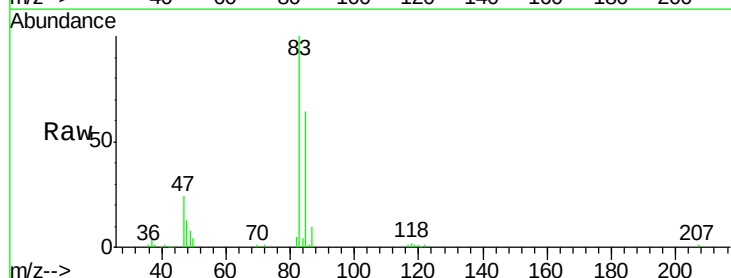
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

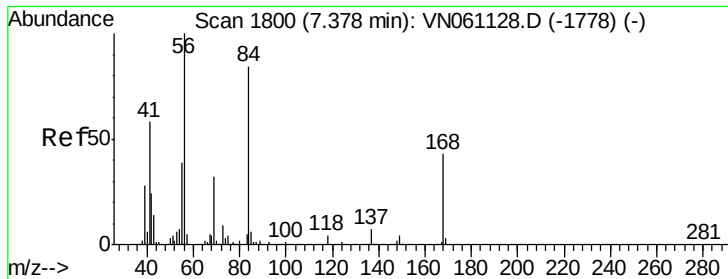
Tgt Ion: 42 Resp: 205656
Ion Ratio Lower Upper
42 100
72 43.7 35.1 52.7
71 41.7 33.0 49.6



#30
Chloroform
Concen: 47.95 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

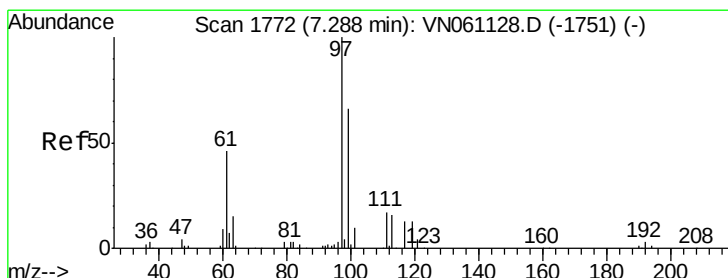
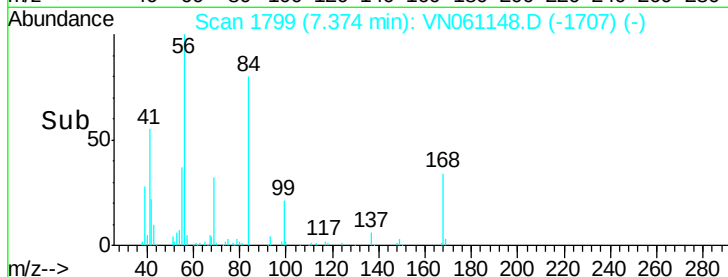
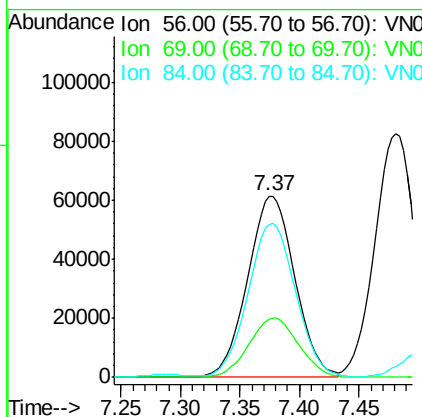
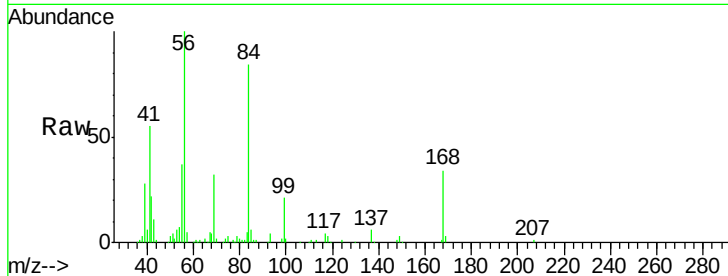




#31
Cyclohexane
Concen: 44.28 ug/l
RT: 7.37 min Scan# 1799
Delta R.T. -0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

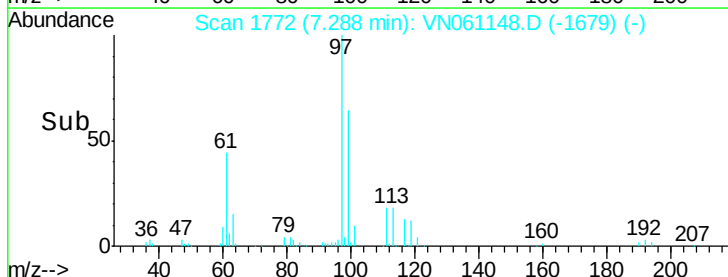
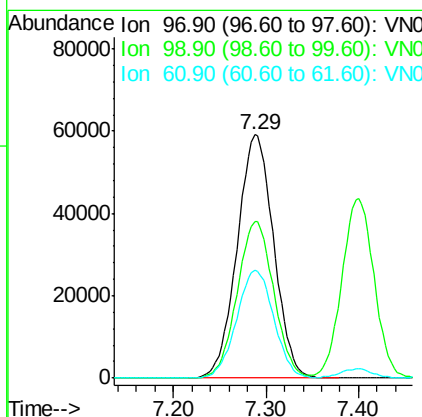
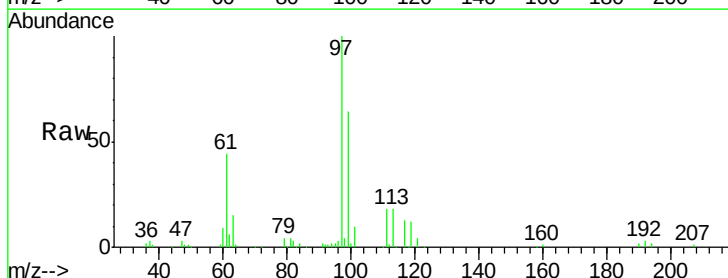
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

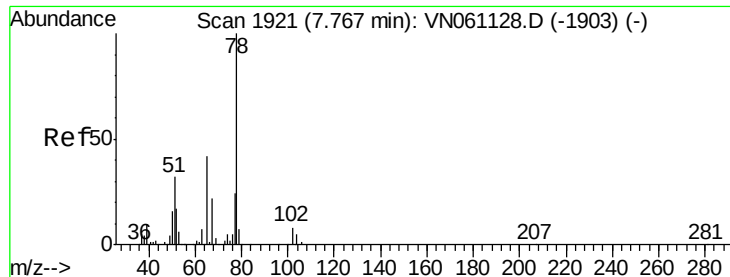
Tgt Ion: 56 Resp: 168757
Ion Ratio Lower Upper
56 100
69 32.3 25.9 38.9
84 83.6 67.4 101.0



#32
1,1,1-Trichloroethane
Concen: 47.24 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

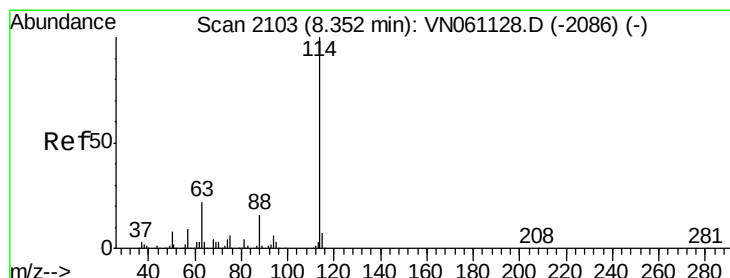
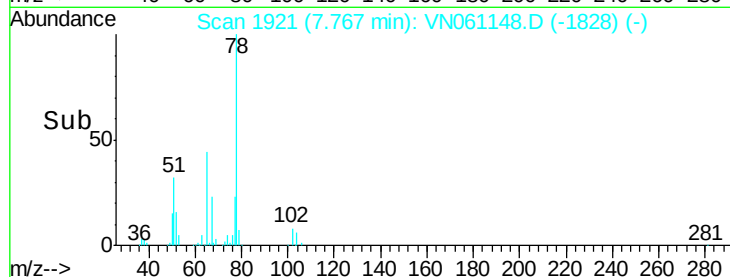
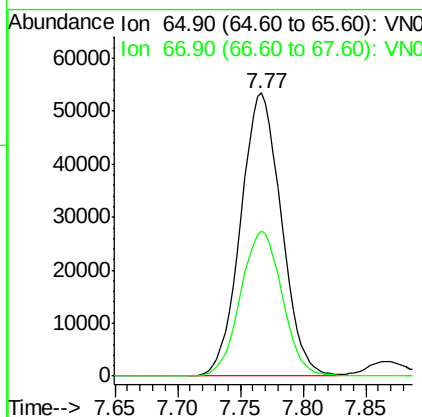
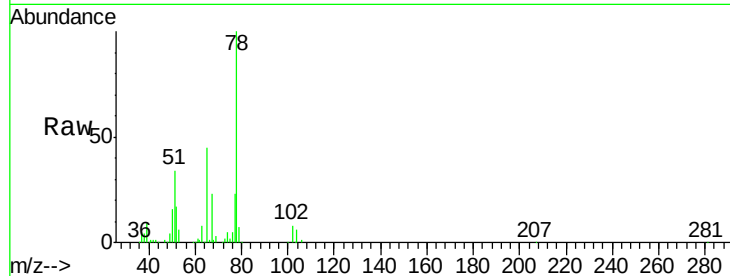




#33
 1,2-Dichloroethane-d4
 Concen: 48.69 ug/l
 RT: 7.77 min Scan# 1921
 Delta R.T. 0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

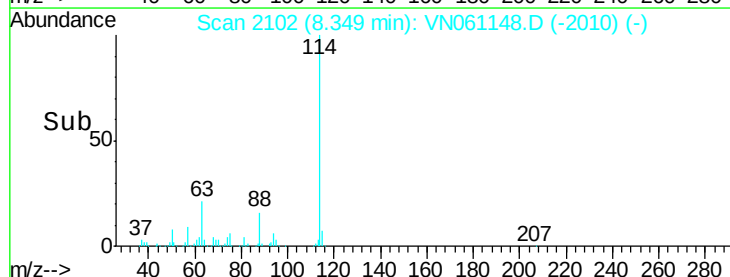
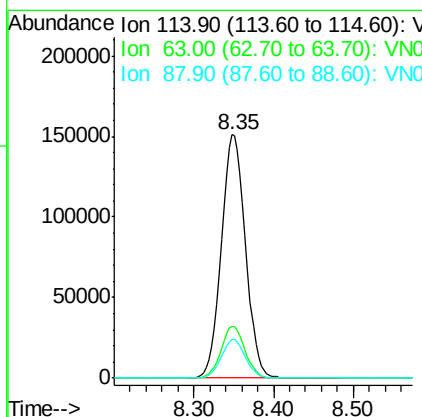
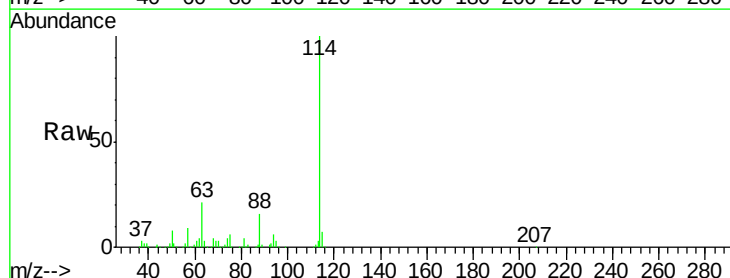
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

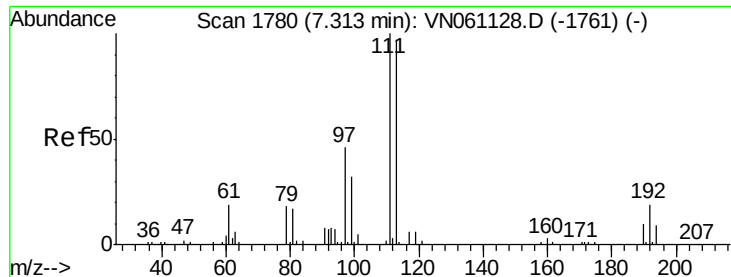
Tgt Ion: 65 Resp: 120872
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 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

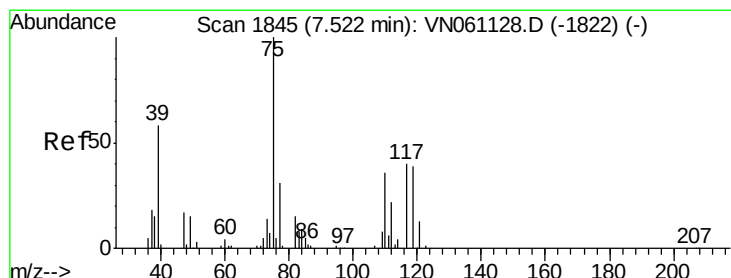
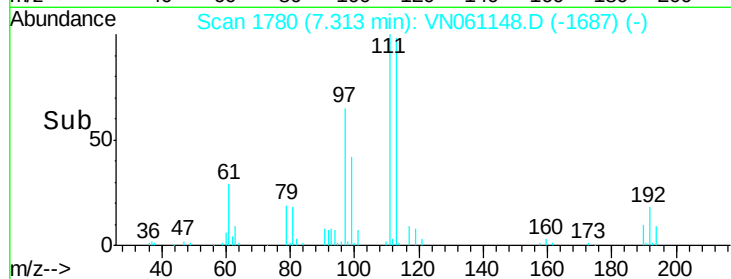
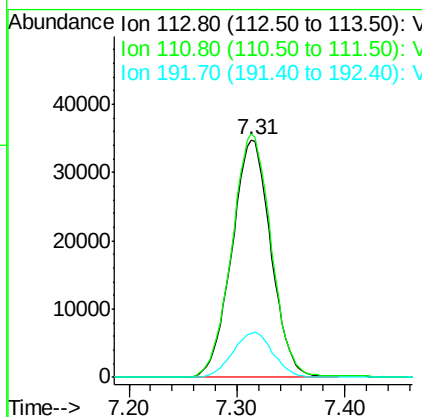
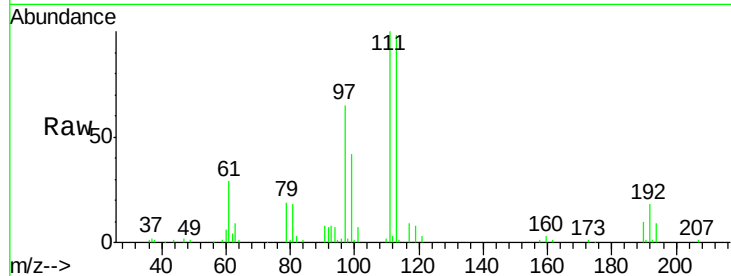




#35
 Dibromofluoromethane
 Concen: 49.10 ug/l
 RT: 7.31 min Scan# 1780
 Delta R.T. 0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

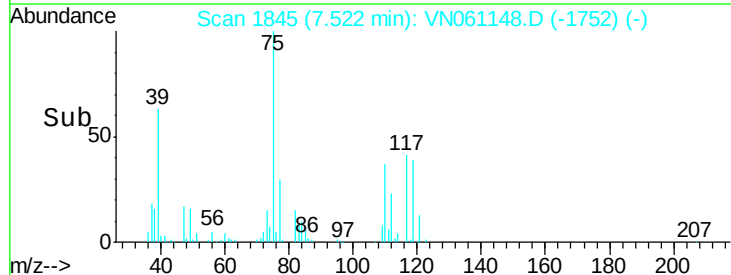
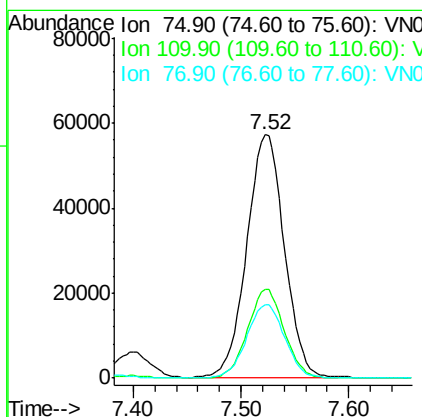
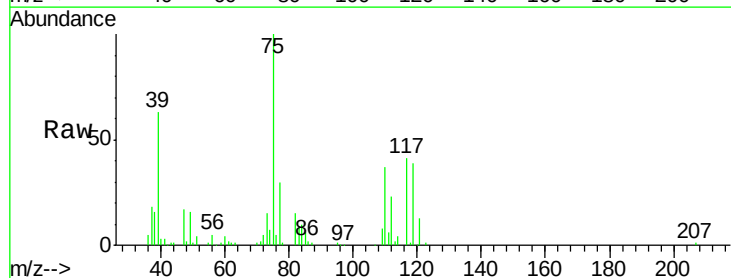
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

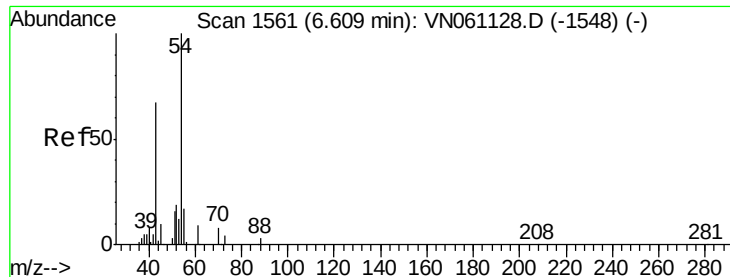
Tgt Ion:113 Resp: 87742
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.0 124.6
 192 19.3 15.8 23.6



#36
 1,1-Dichloropropene
 Concen: 45.08 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

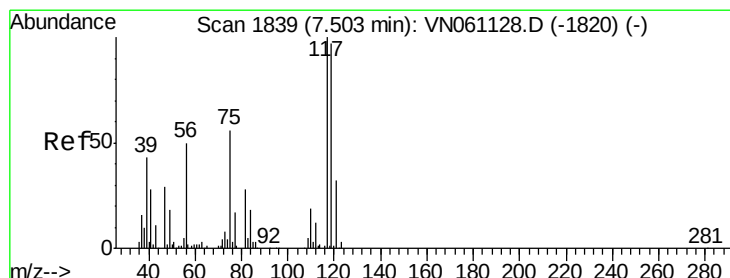
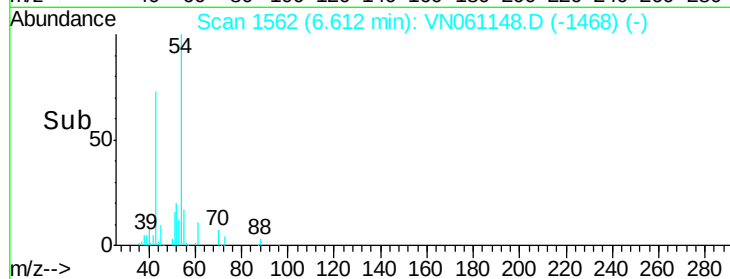
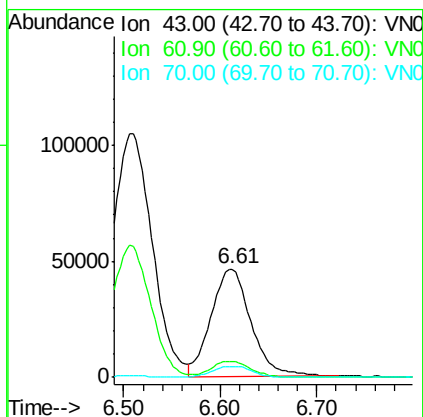
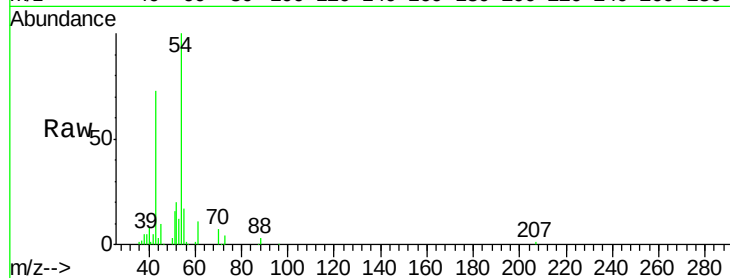




#37
Ethyl Acetate
Concen: 43.39 ug/l
RT: 6.61 min Scan# 1562
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

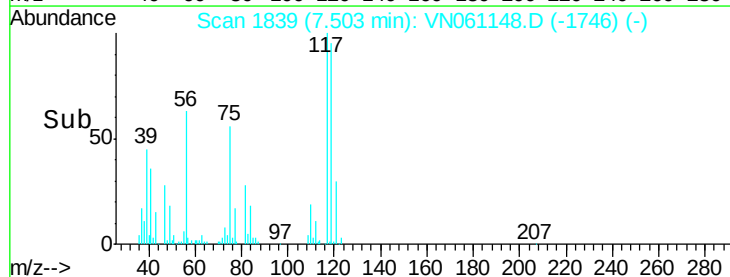
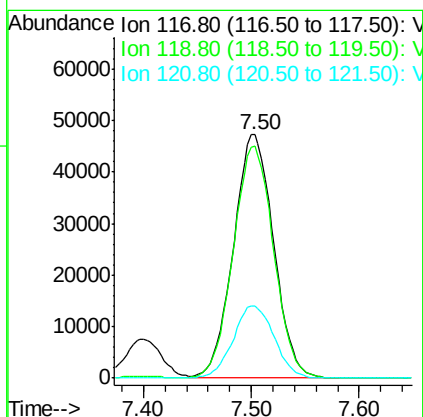
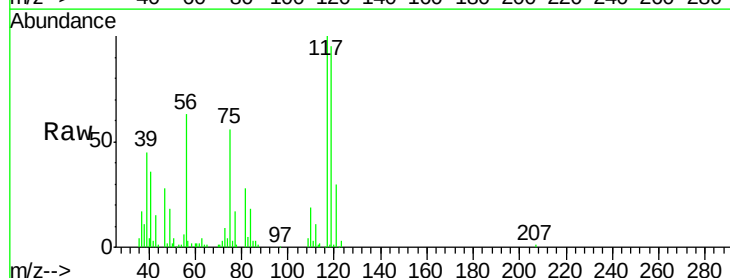
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

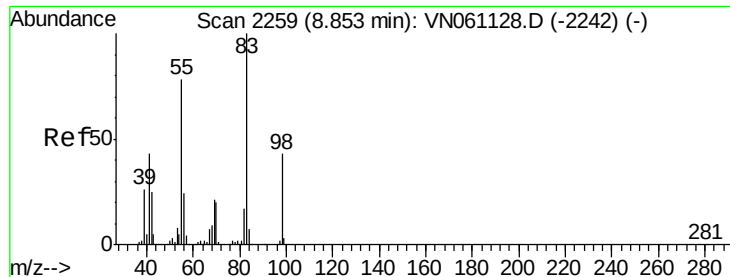
Tgt Ion: 43 Resp: 133095
Ion Ratio Lower Upper
43 100
61 14.4 11.4 17.0
70 10.3 8.2 12.4



#38
Carbon Tetrachloride
Concen: 45.78 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

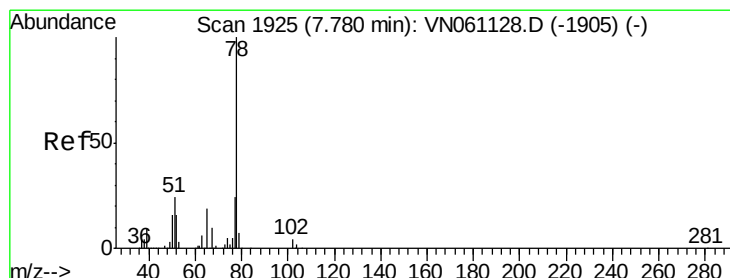
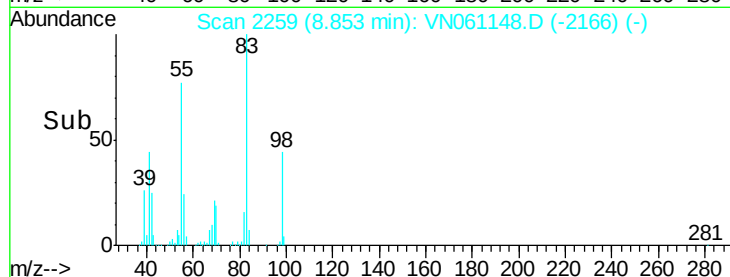
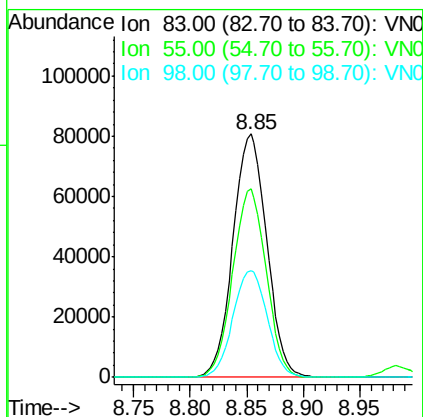
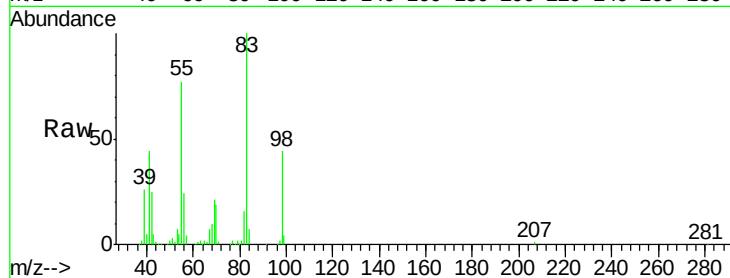




#39
Methylcyclohexane
Concen: 44.95 ug/l
RT: 8.85 min Scan# 2259
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

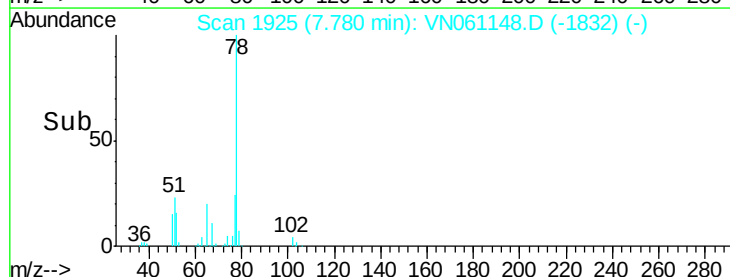
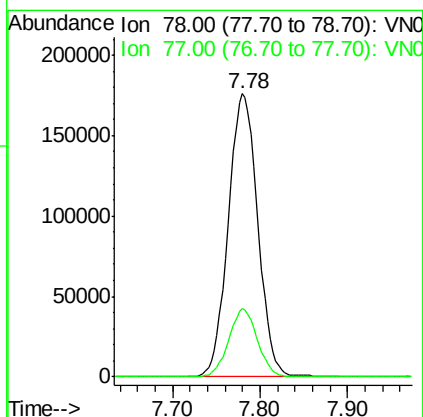
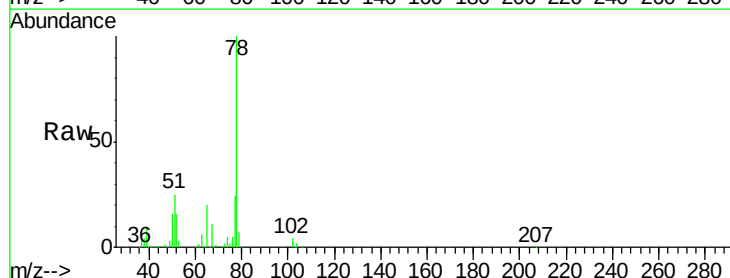
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

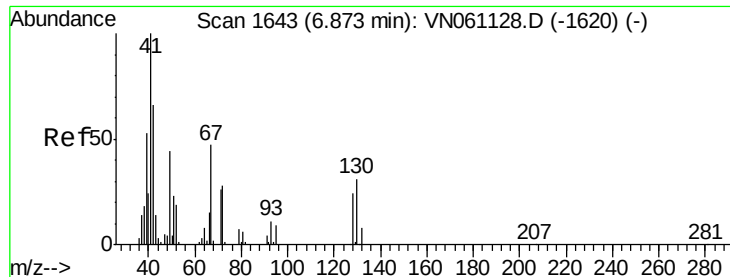
Tgt Ion: 83 Resp: 168189
Ion Ratio Lower Upper
83 100
55 77.3 62.2 93.4
98 44.1 34.7 52.1



#40
Benzene
Concen: 45.46 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

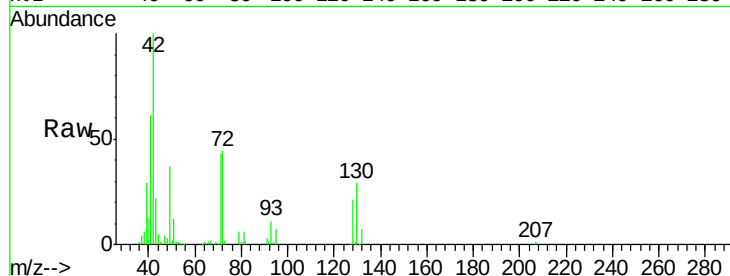




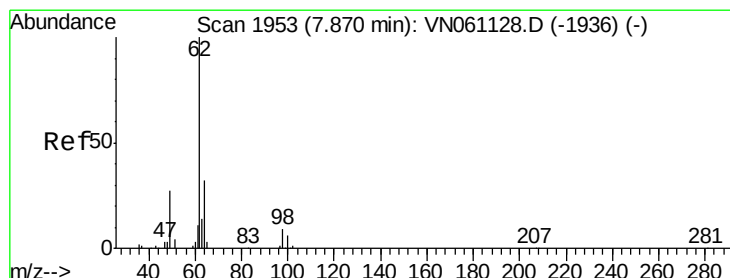
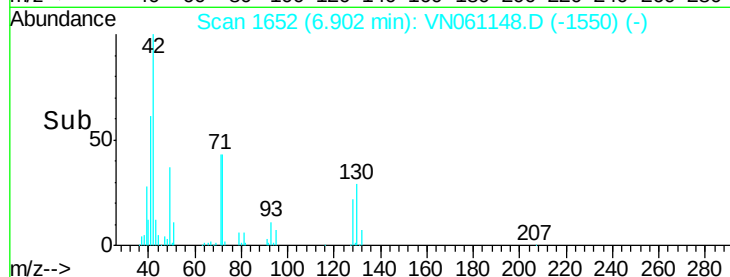
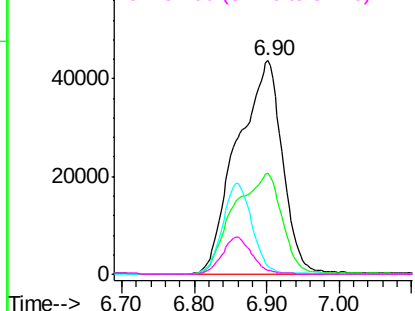
#41
Methacrylonitrile
Concen: 130.36 ug/l
RT: 6.90 min Scan# 1652
Delta R.T. 0.03 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion:	41	Resp:	189840
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

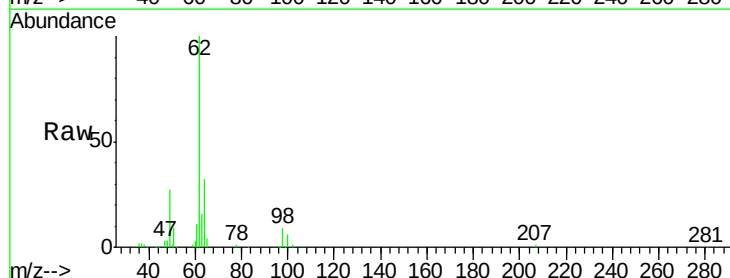


Abundance Ion 41.00 (40.70 to 41.70): VNO
Ion 39.00 (38.70 to 39.70): VNO
Ion 67.00 (66.70 to 67.70): VNO
Ion 52.00 (51.70 to 52.70): VNO

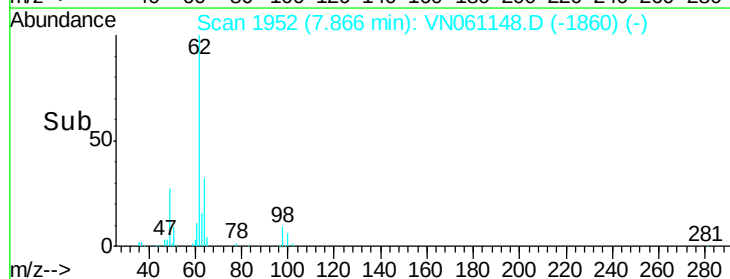
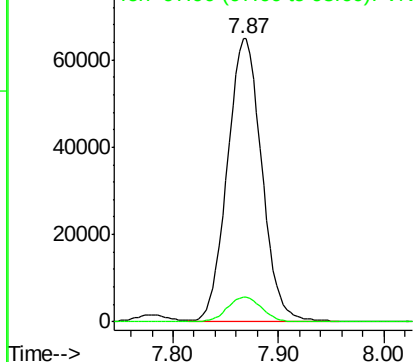


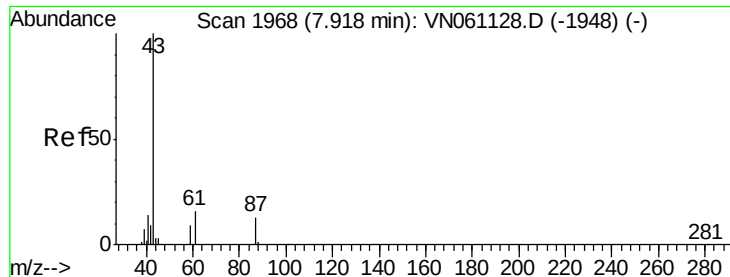
#42
1,2-Dichloroethane
Concen: 45.23 ug/l
RT: 7.87 min Scan# 1952
Delta R.T. -0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Tgt Ion:	62	Resp:	146058
Ion	Ratio	Lower	Upper
62	100		
98	8.9	0.0	17.0



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





#43

Isopropyl Acetate

Concen: 44.49 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_N

ClientSampleId :

VSTDCCC050EC

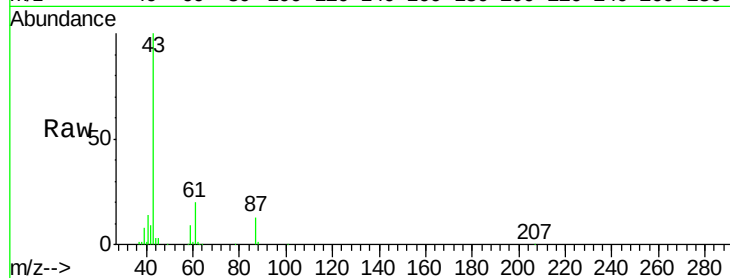
Tgt Ion: 43 Resp: 231767

Ion Ratio Lower Upper

43 100

61 20.0 15.5 23.3

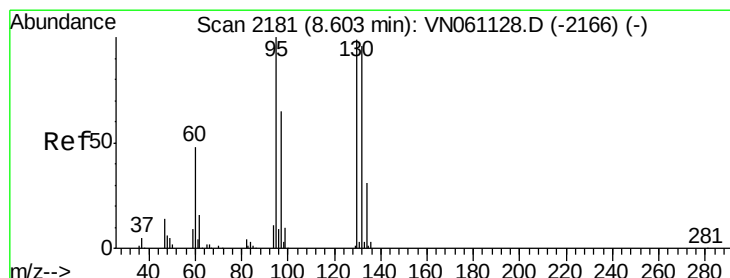
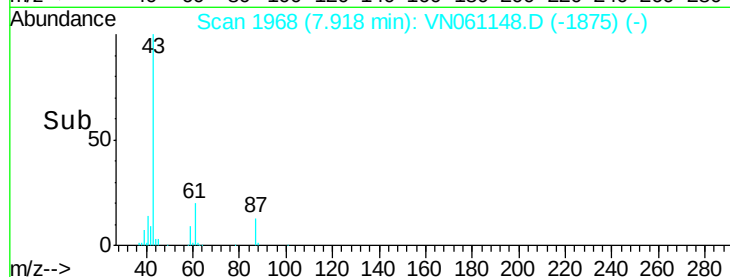
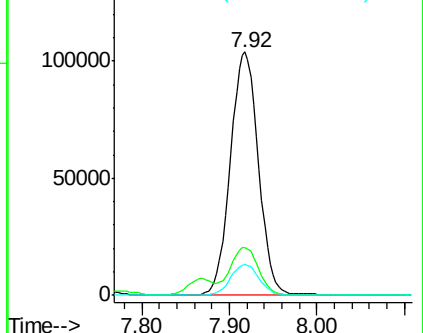
87 12.9 10.2 15.4



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: 44.73 ug/l

RT: 8.60 min Scan# 2181

Delta R.T. 0.00 min

Lab File: VN061148.D

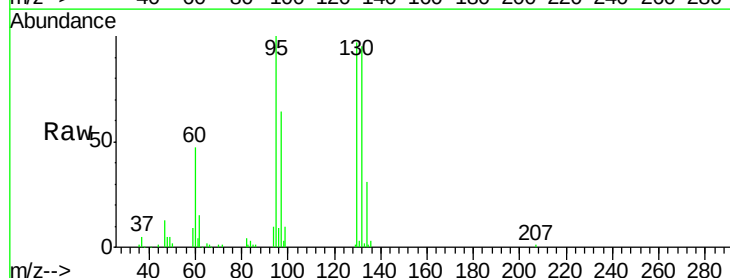
Acq: 22 Apr 2020 23:18

Tgt Ion: 130 Resp: 117840

Ion Ratio Lower Upper

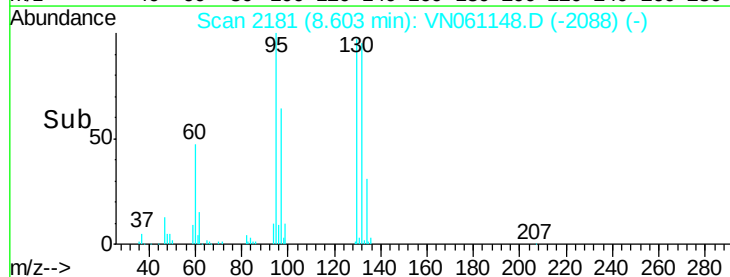
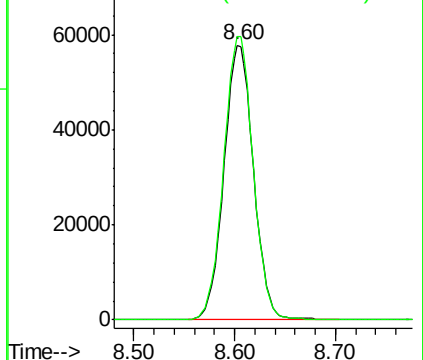
130 100

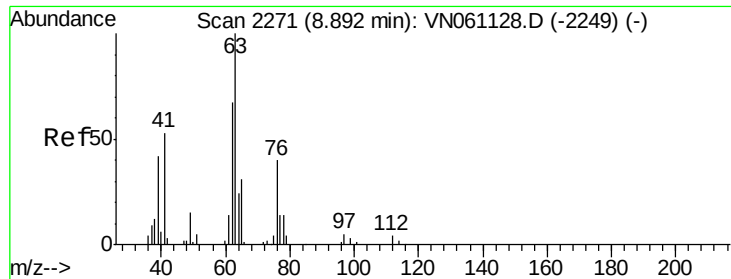
95 102.9 0.0 202.6



Abundance Ion 129.80 (129.50 to 130.50): VN061148.D (-2166) (-)

Ion 94.90 (94.60 to 95.60): VN061148.D (-2166) (-)

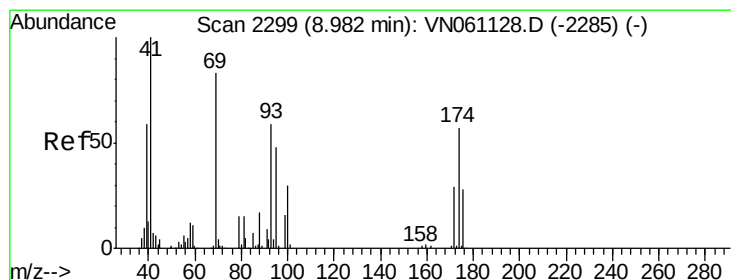
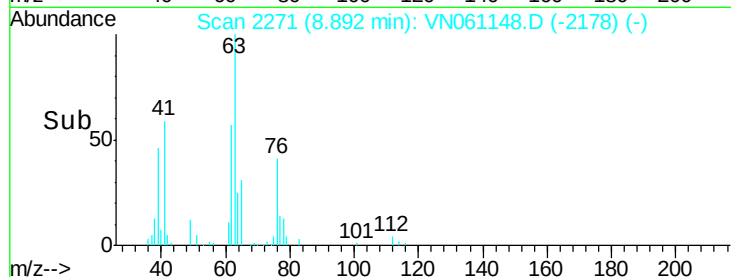
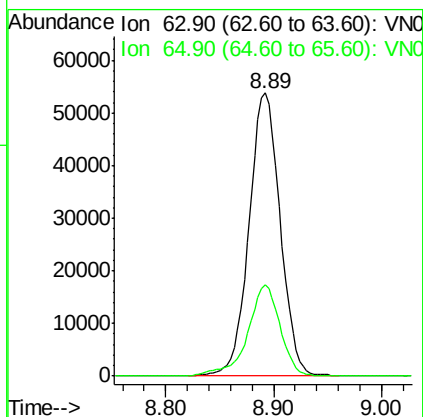
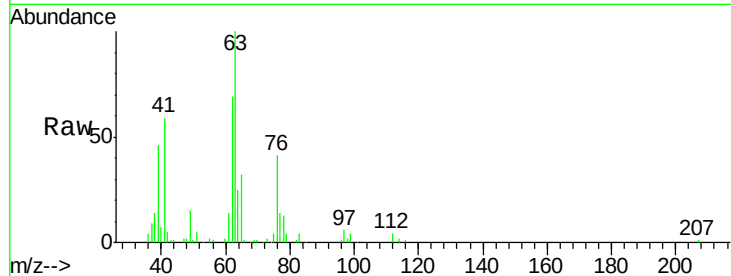




#45
 1,2-Dichloropropane
 Concen: 45.07 ug/l
 RT: 8.89 min Scan# 2271
 Delta R.T. 0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

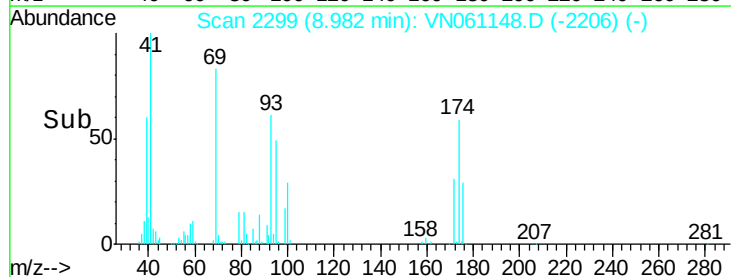
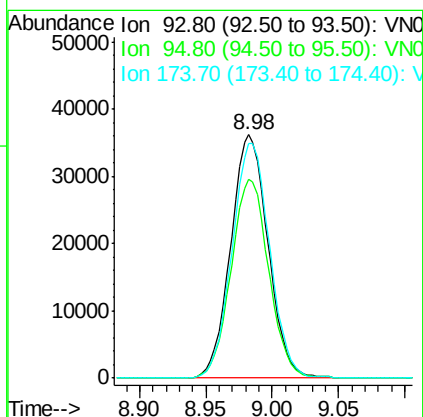
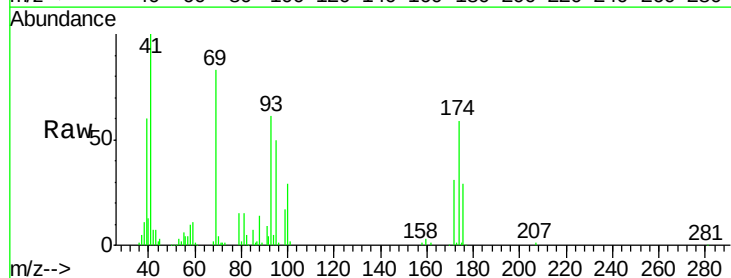
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

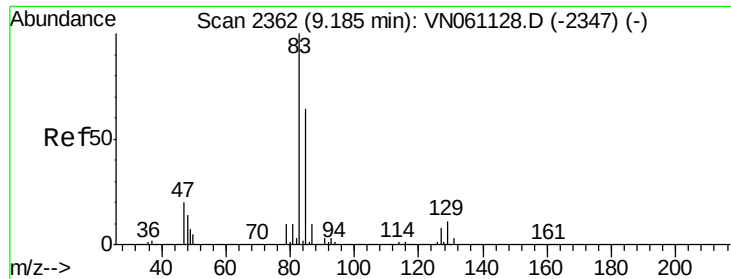
Tgt Ion: 63 Resp: 108061
 Ion Ratio Lower Upper
 63 100
 65 32.2 24.7 37.1



#46
 Dibromomethane
 Concen: 45.98 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

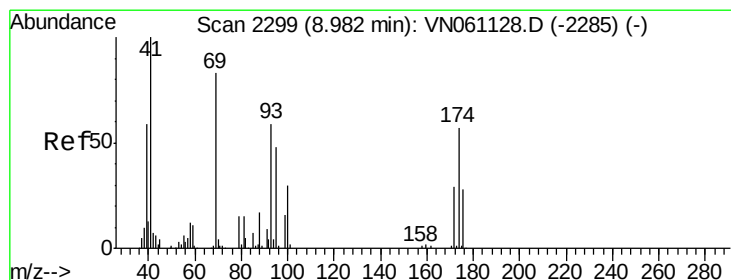
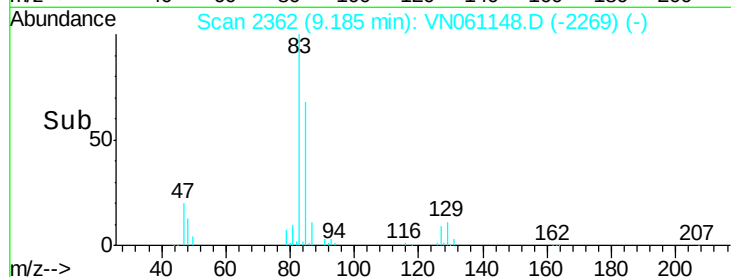
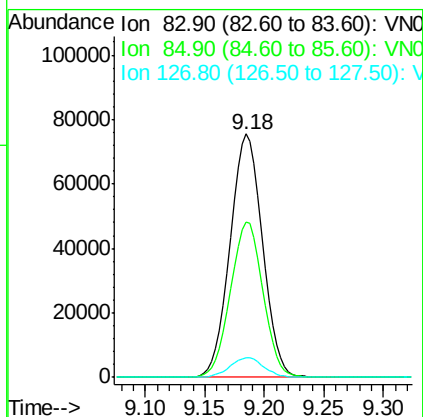
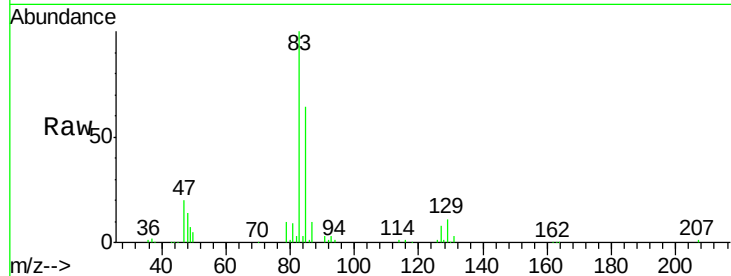




#47
 Bromodichloromethane
 Concen: 47.17 ug/l
 RT: 9.18 min Scan# 2362
 Delta R.T. 0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

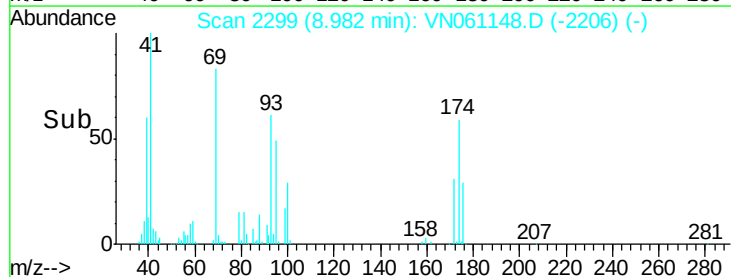
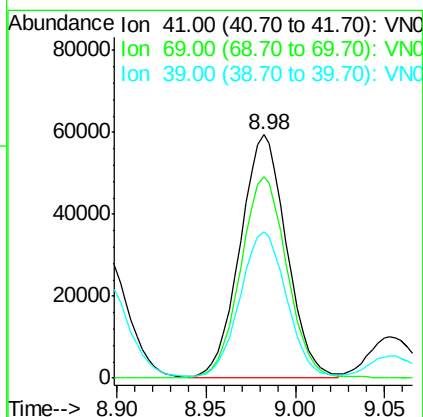
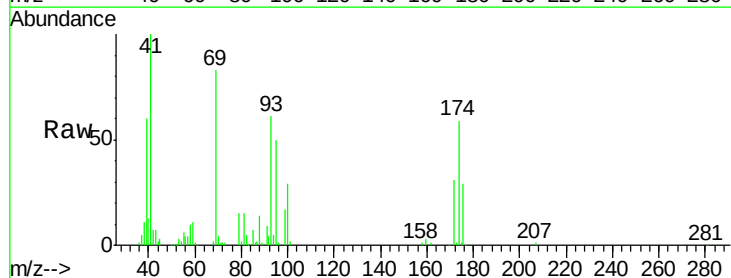
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

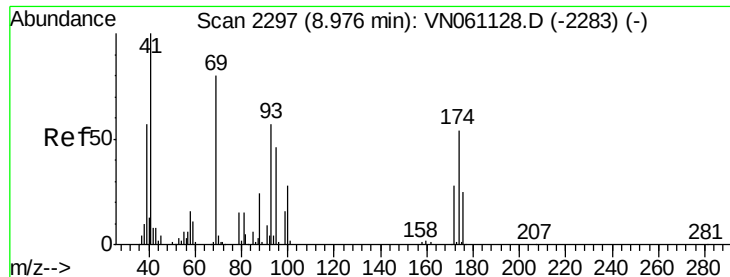
Tgt Ion: 83 Resp: 142851
 Ion Ratio Lower Upper
 83 100
 85 64.0 51.4 77.2
 127 8.2 6.6 10.0



#48
 Methyl methacrylate
 Concen: 43.98 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

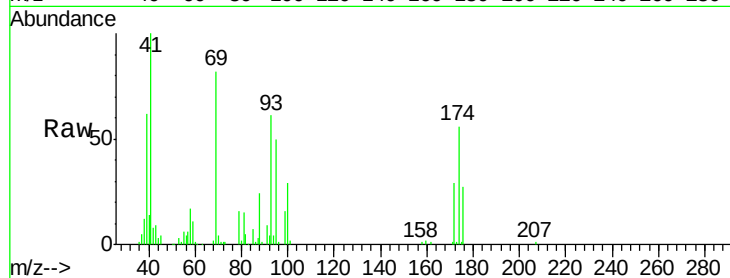




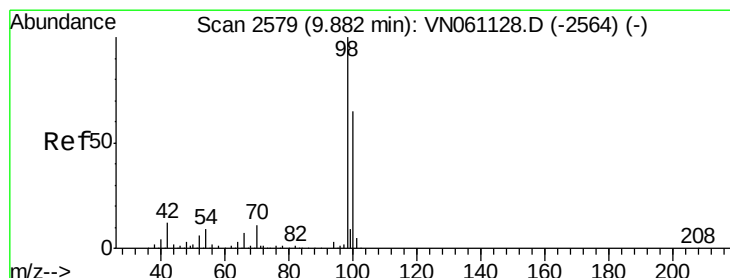
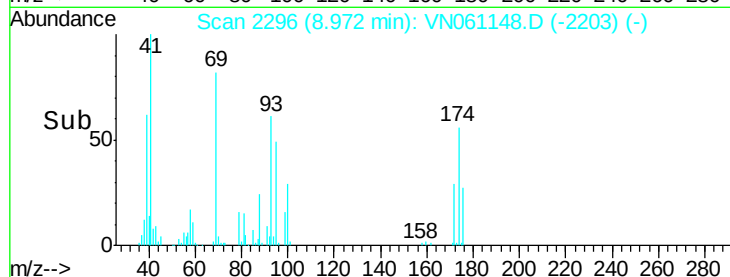
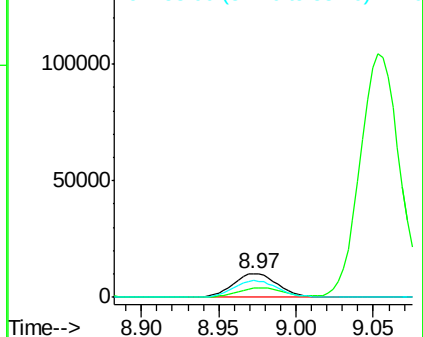
#49
1,4-Dioxane
Concen: 779.93 ug/l
RT: 8.97 min Scan# 2296
Delta R.T. -0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 20250
Ion Ratio Lower Upper
88 100
43 38.2 29.0 43.4
58 70.5 57.8 86.6

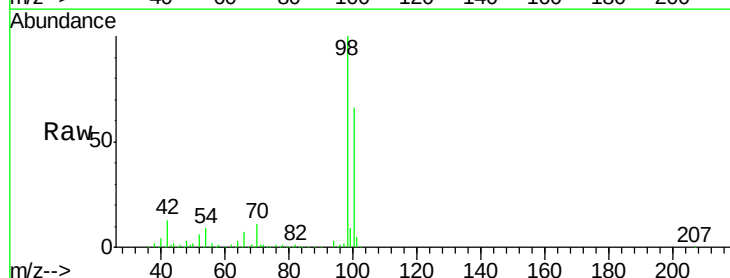


Abundance Ion 88.00 (87.70 to 88.70): VN0
Ion 43.00 (42.70 to 43.70): VN0
Ion 58.00 (57.70 to 58.70): VN0

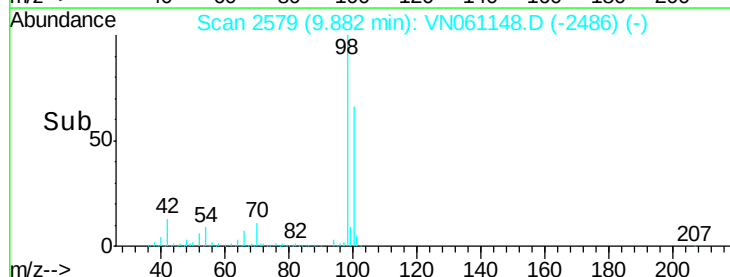
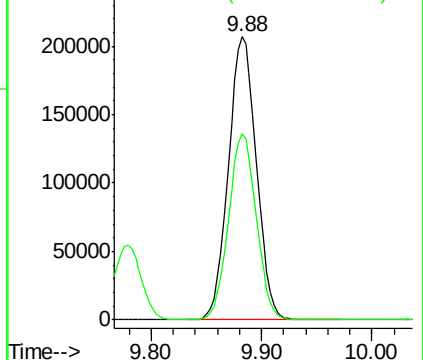


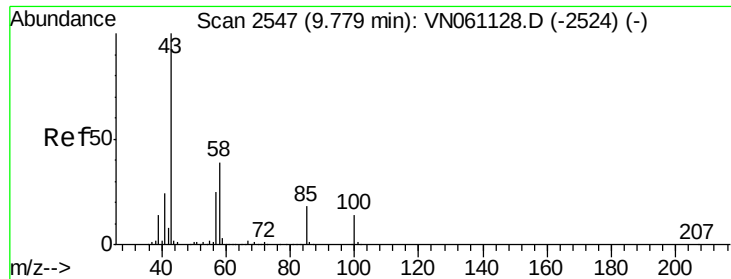
#50
Toluene-d8
Concen: 47.49 ug/l
RT: 9.88 min Scan# 2579
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

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): VN0
Ion 100.00 (99.70 to 100.70): VN0

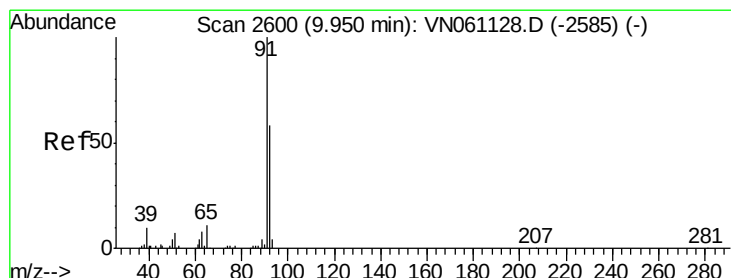
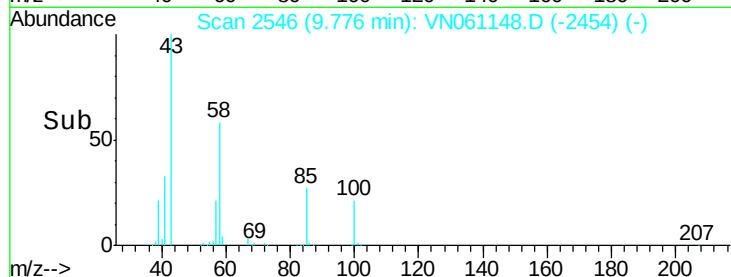
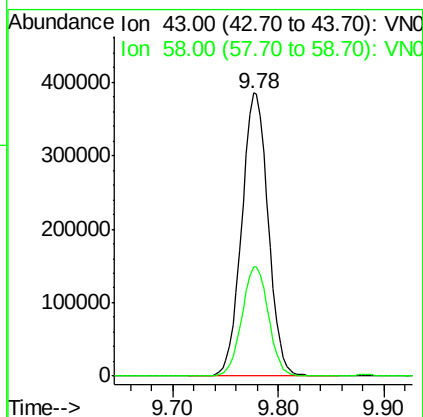
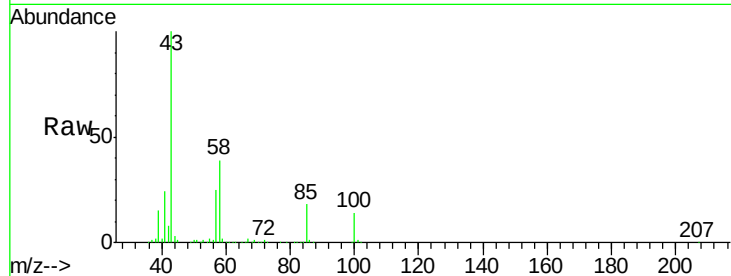




#51
 4-Methyl-2-Pentanone
 Concen: 220.52 ug/l
 RT: 9.78 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

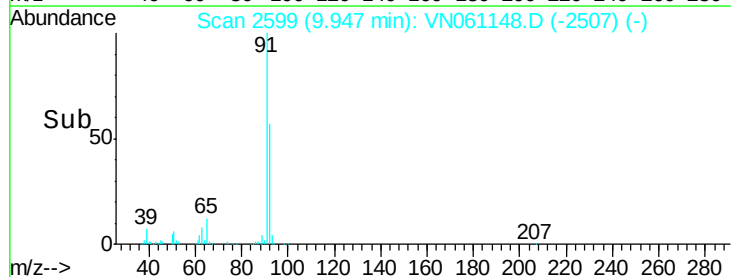
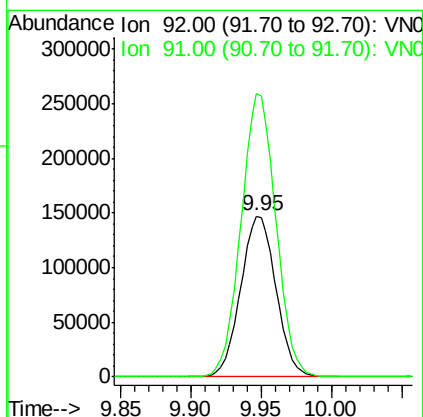
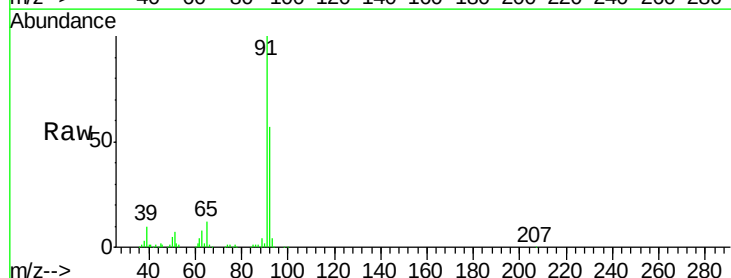
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

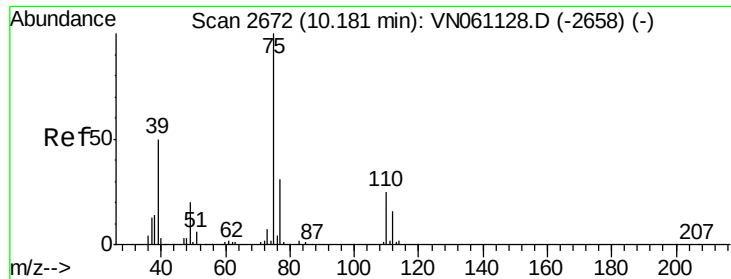
Tgt Ion: 43 Resp: 670562
 Ion Ratio Lower Upper
 43 100
 58 38.9 31.0 46.6



#52
 Toluene
 Concen: 45.46 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

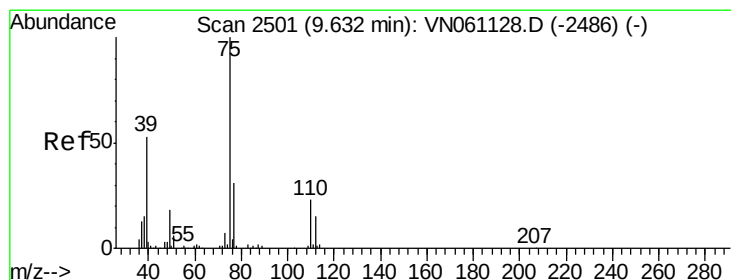
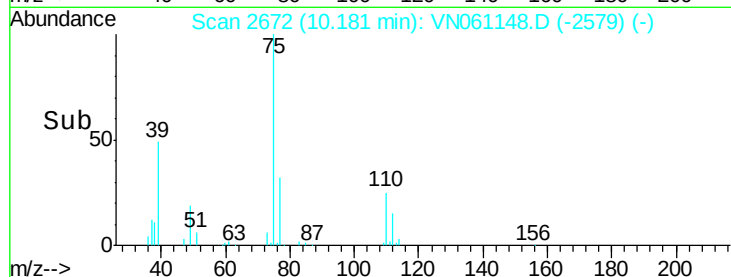
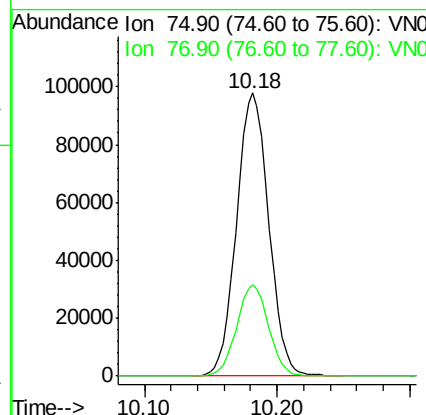
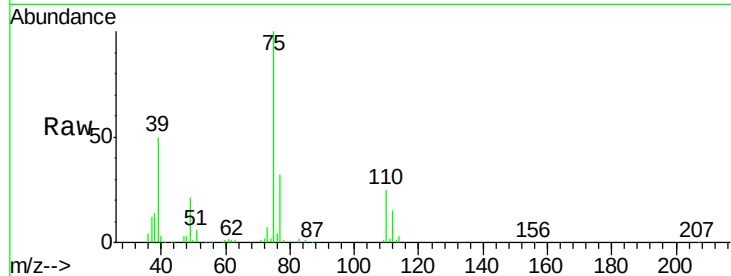




#53
t-1,3-Dichloropropene
Concen: 44.44 ug/l
RT: 10.18 min Scan# 2672
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

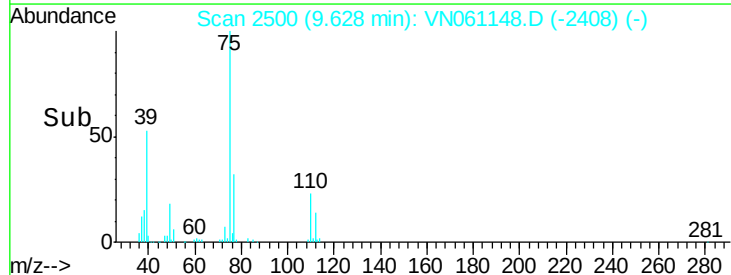
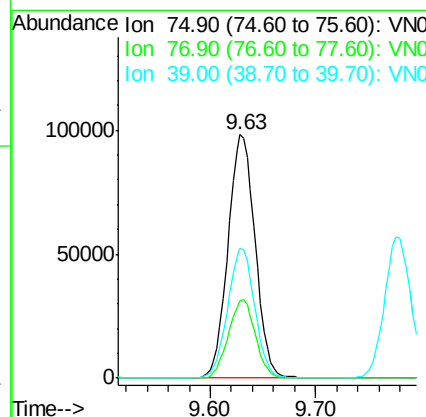
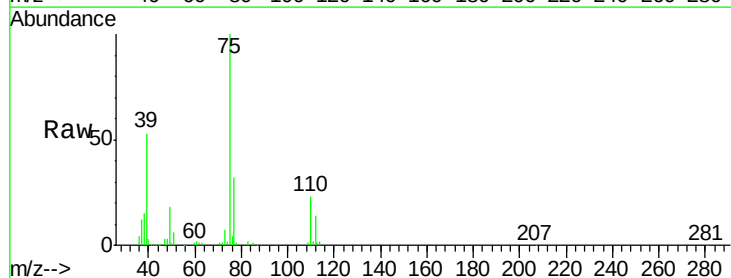
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

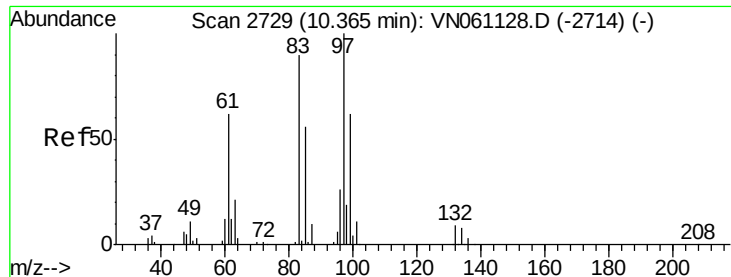
Tgt Ion: 75 Resp: 164707
Ion Ratio Lower Upper
75 100
77 32.4 25.1 37.7



#54
cis-1,3-Dichloropropene
Concen: 45.27 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

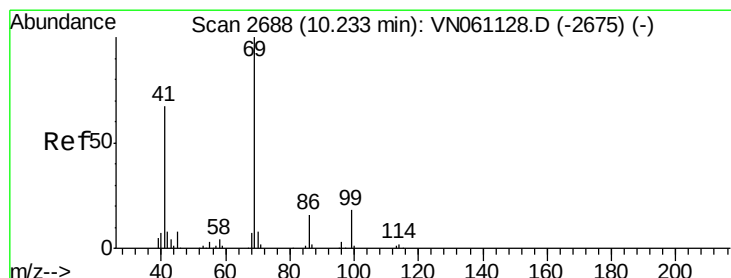
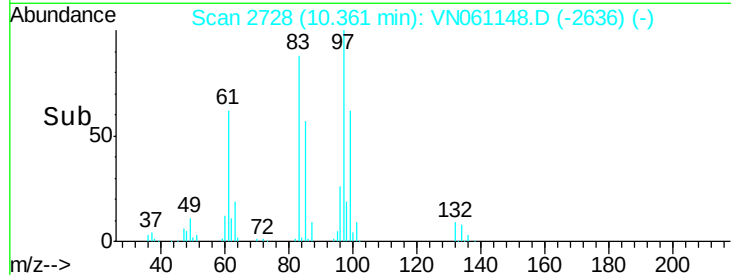
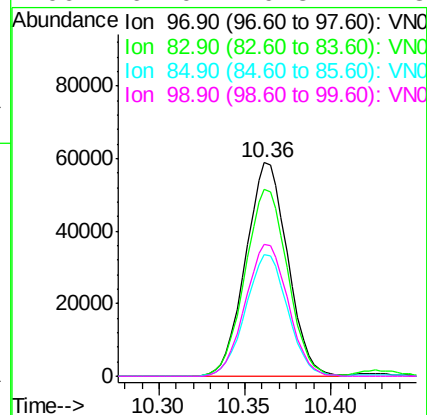
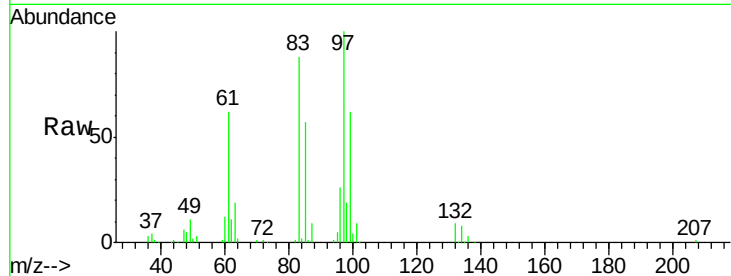




#55
 1,1,2-Trichloroethane
 Concen: 45.66 ug/l
 RT: 10.36 min Scan# 2728
 Delta R.T. -0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

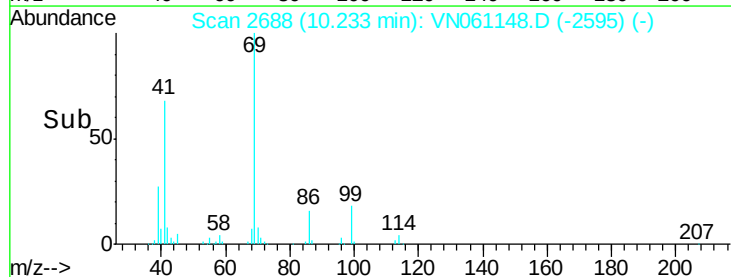
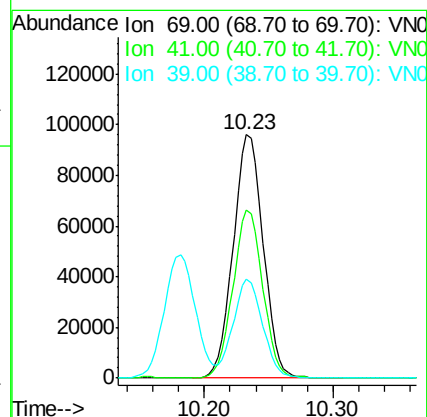
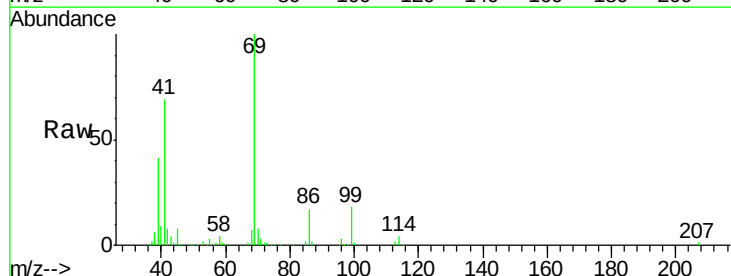
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

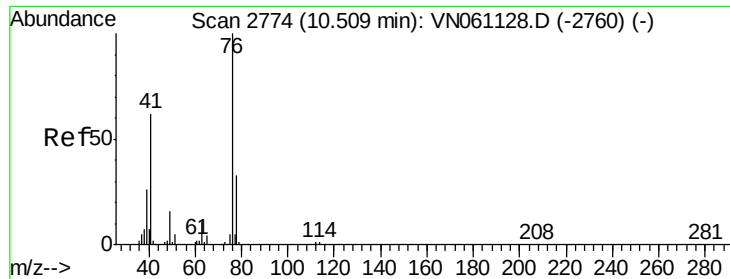
Tgt Ion:	97	Resp:	99811
Ion	Ratio	Lower	Upper
97	100		
83	87.6	71.8	107.6
85	56.7	45.0	67.6
99	62.0	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 46.68 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: 45.85 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_N

ClientSampleId :

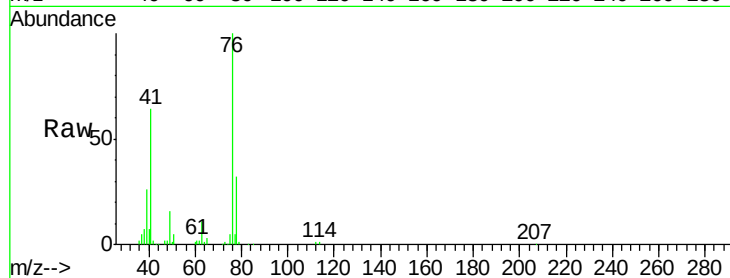
VSTDCCC050EC

Tgt Ion: 76 Resp: 170081

Ion Ratio Lower Upper

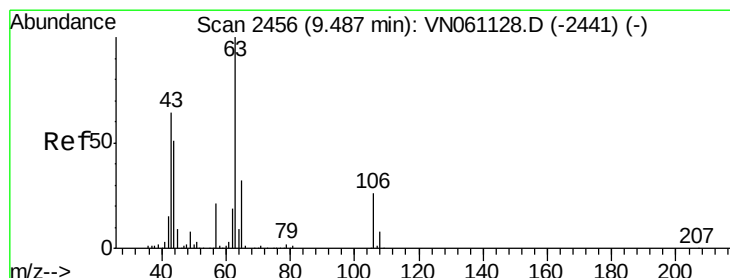
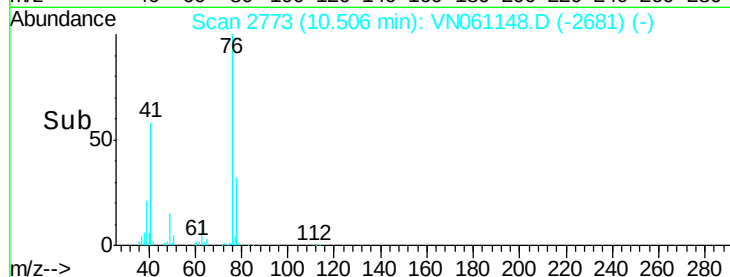
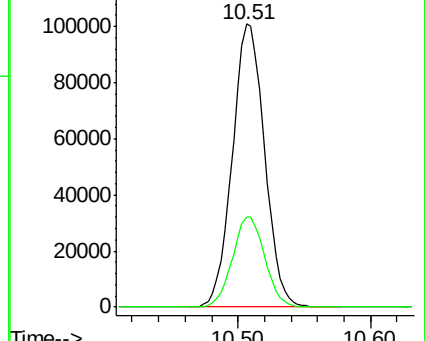
76 100

78 32.1 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VN0

Ion 77.90 (77.60 to 78.60): VN0



#58

2-Chloroethyl Vinyl ether

Concen: 239.02 ug/l

RT: 9.49 min Scan# 2456

Delta R.T. 0.00 min

Lab File: VN061148.D

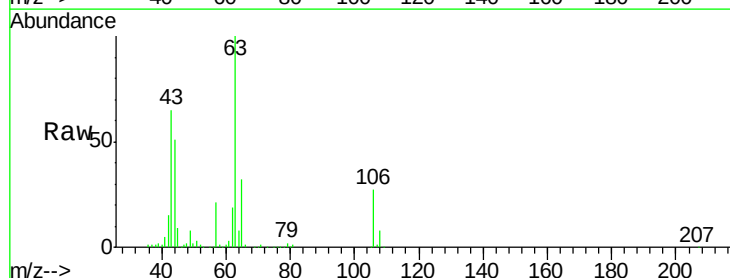
Acq: 22 Apr 2020 23:18

Tgt Ion: 63 Resp: 410476

Ion Ratio Lower Upper

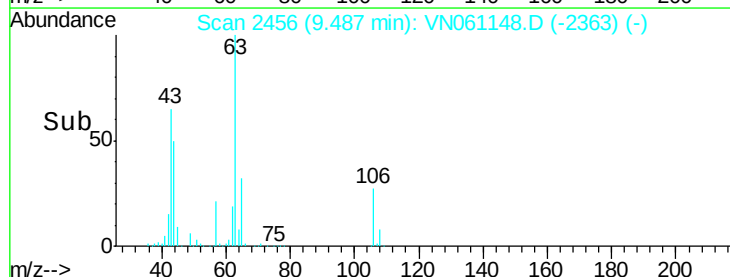
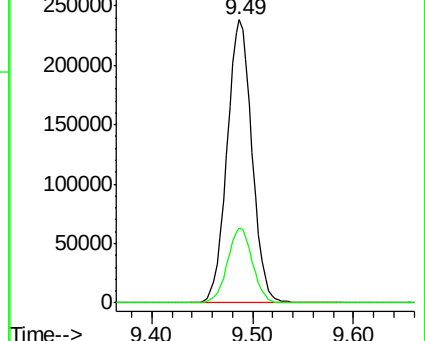
63 100

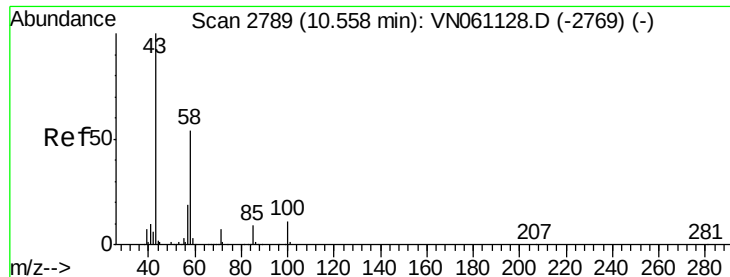
106 26.5 21.3 31.9



Abundance Ion 62.90 (62.60 to 63.60): VN0

Ion 105.90 (105.60 to 106.60): V

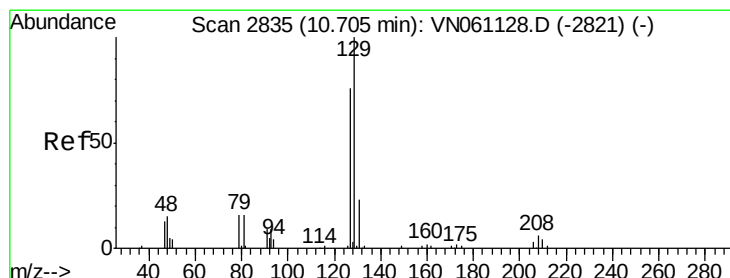
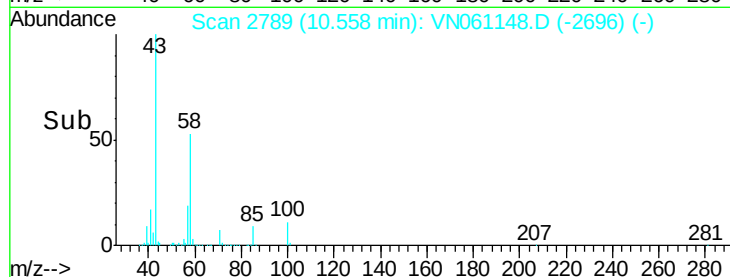
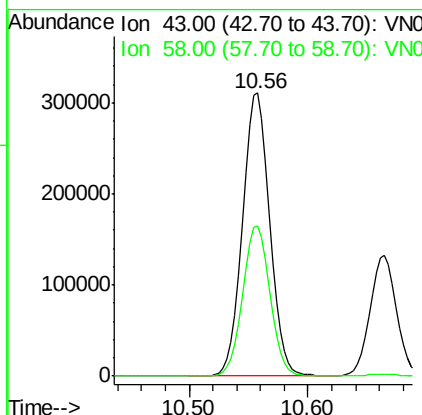
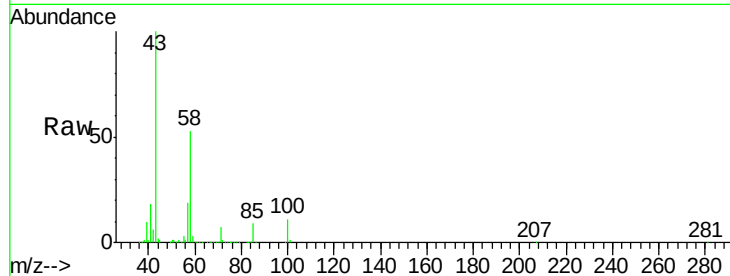




#59
2-Hexanone
Concen: 218.62 ug/l
RT: 10.56 min Scan# 2789
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

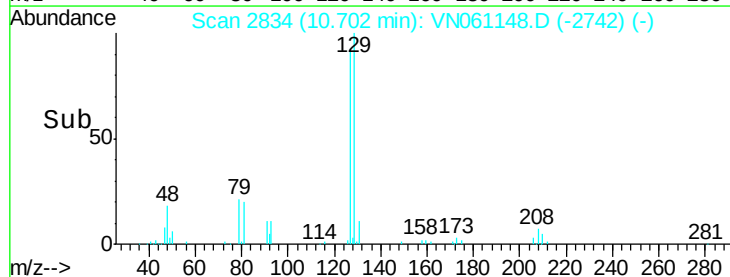
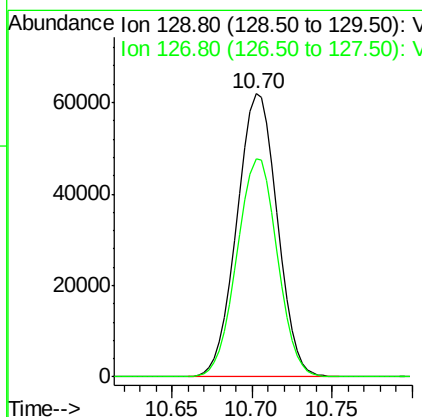
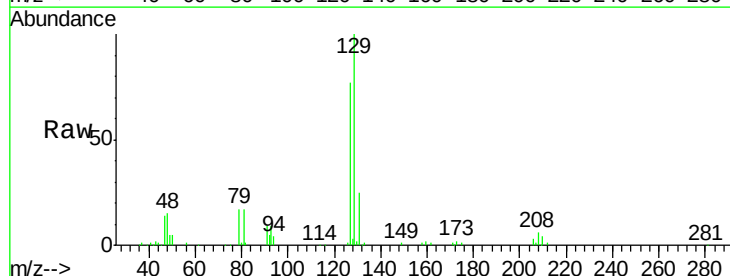
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

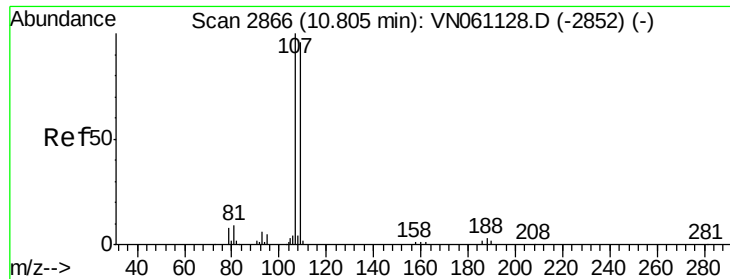
Tgt Ion: 43 Resp: 491110
Ion Ratio Lower Upper
43 100
58 53.5 26.9 80.6



#60
Dibromochloromethane
Concen: 46.63 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

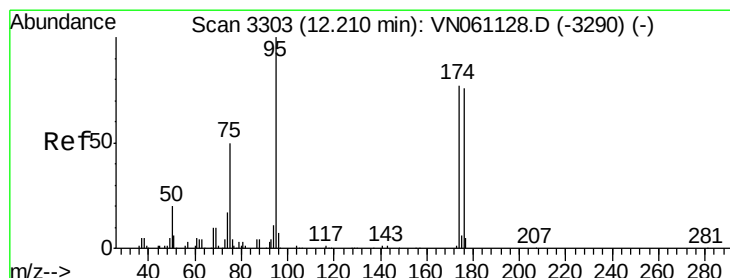
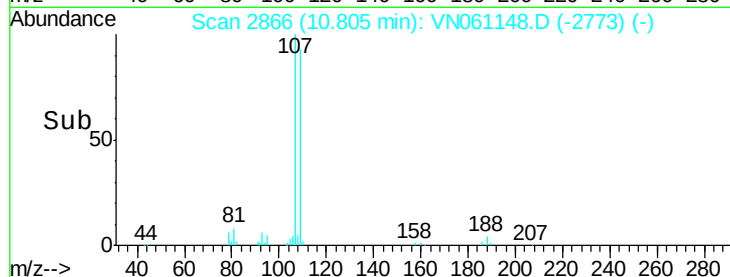
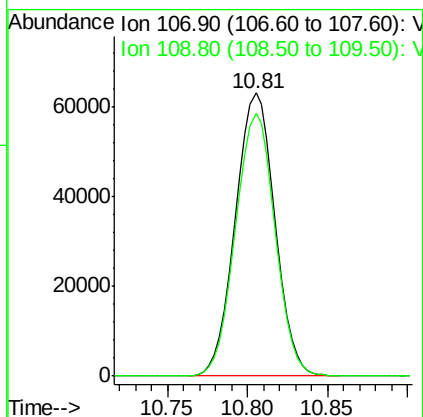
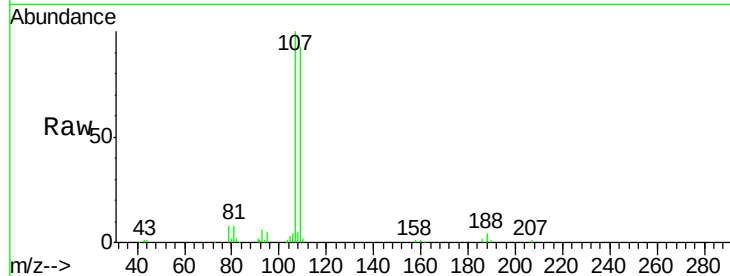




#61
 1,2-Dibromoethane
 Concen: 47.18 ug/l
 RT: 10.81 min Scan# 2866
 Delta R.T. 0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

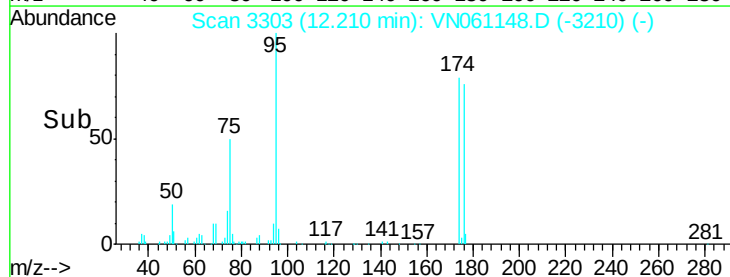
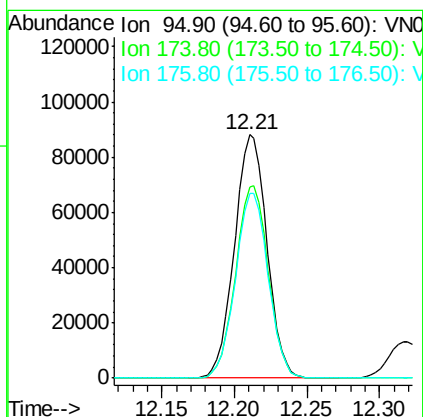
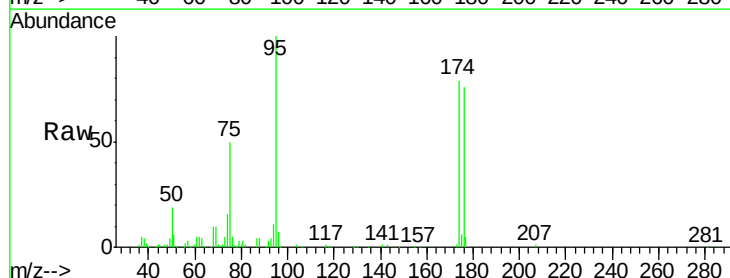
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

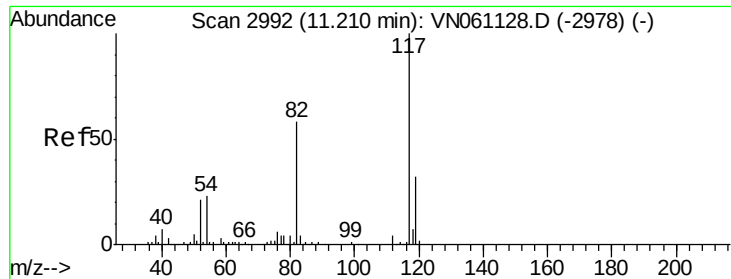
Tgt Ion: 107 Resp: 106283
 Ion Ratio Lower Upper
 107 100
 109 93.0 76.0 114.0



#62
 4-Bromofluorobenzene
 Concen: 47.76 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

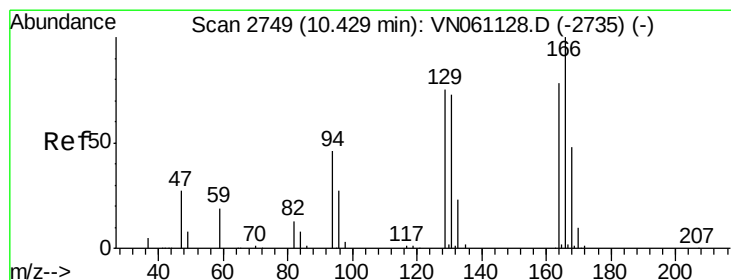
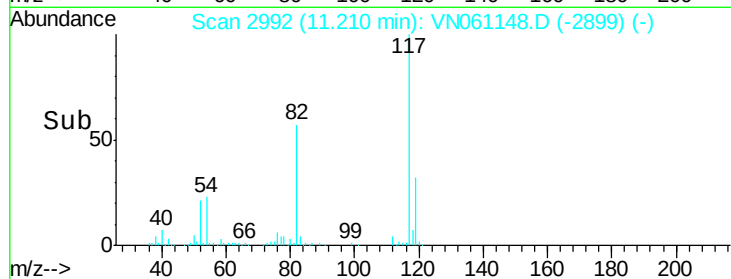
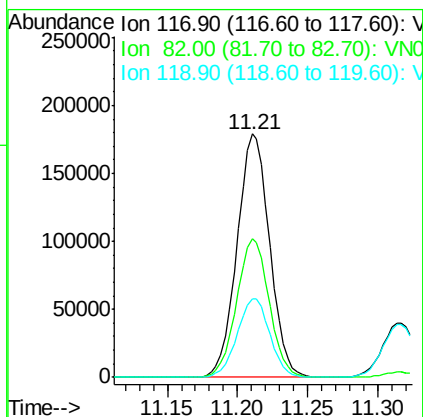
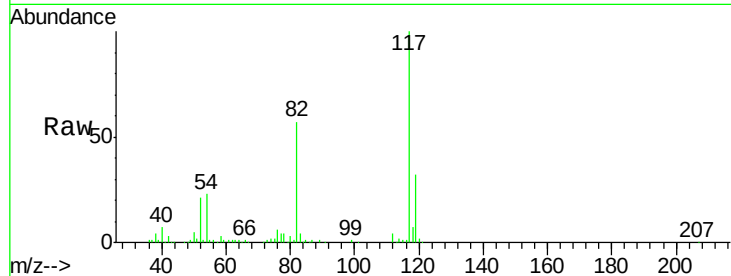




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.21 min Scan# 2992
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

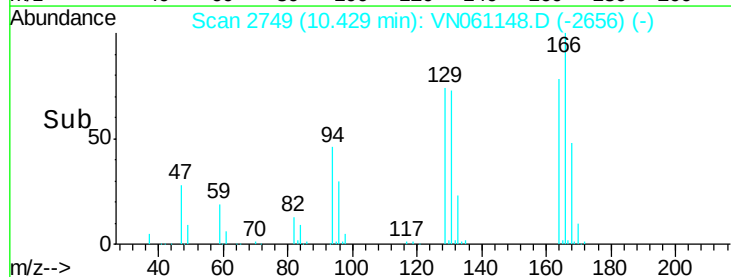
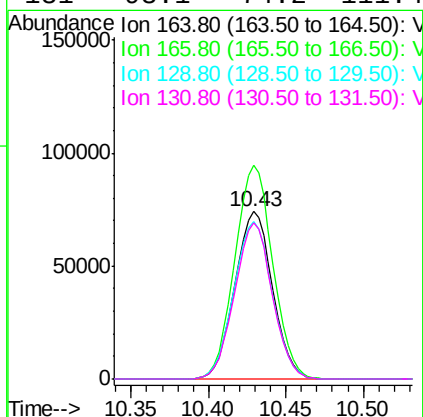
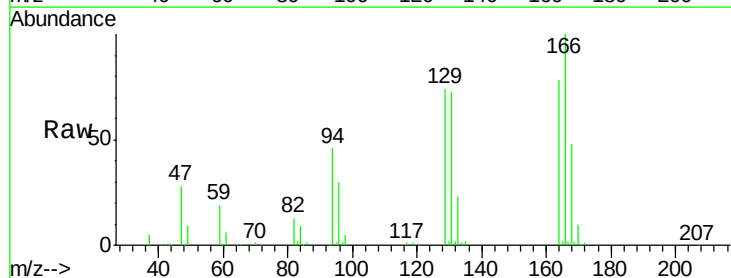
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

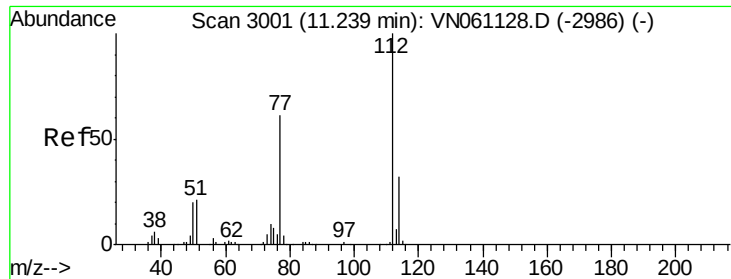
Tgt Ion:117 Resp: 289775
Ion Ratio Lower Upper
117 100
82 56.8 46.0 69.0
119 32.3 25.9 38.9



#64
Tetrachloroethene
Concen: 42.32 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:164 Resp: 125535
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

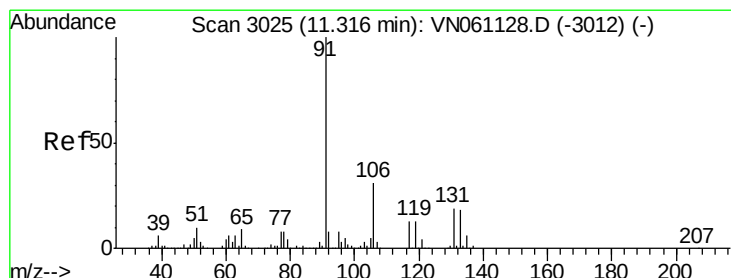
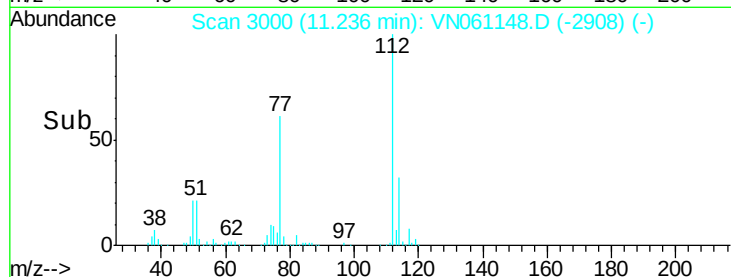
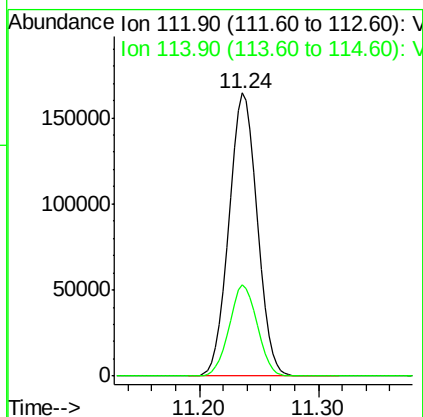
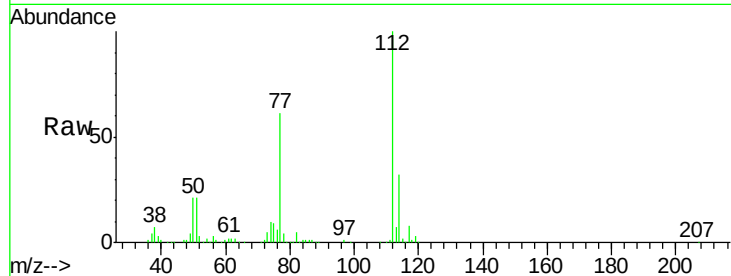




#65
Chlorobenzene
Concen: 45.99 ug/l
RT: 11.24 min Scan# 3000
Delta R.T. -0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

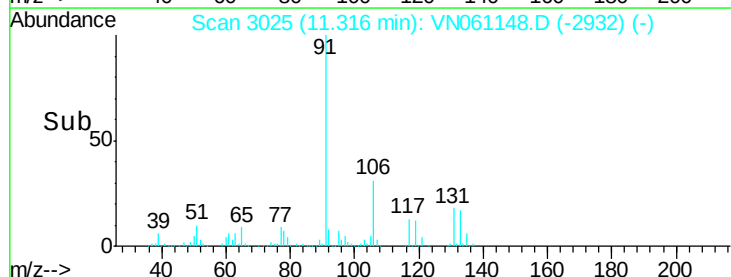
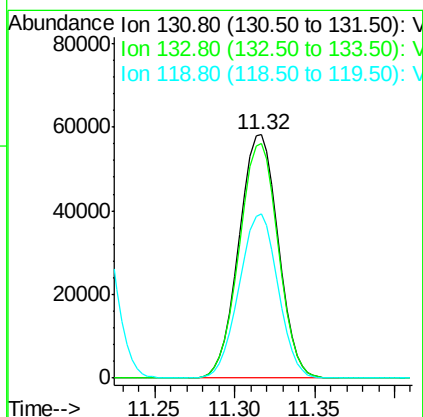
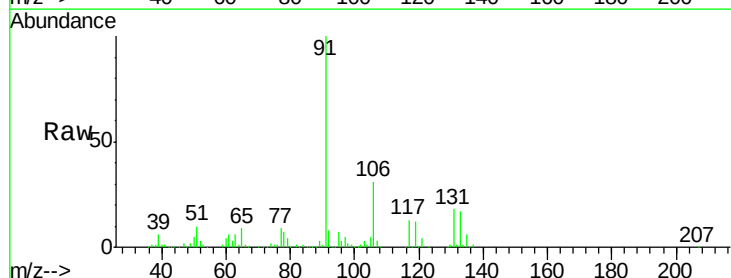
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

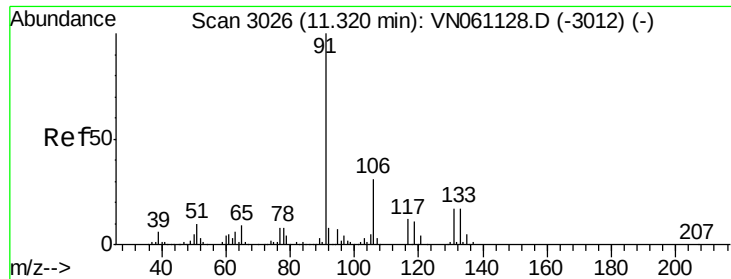
Tgt Ion:112 Resp: 270910
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 46.62 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

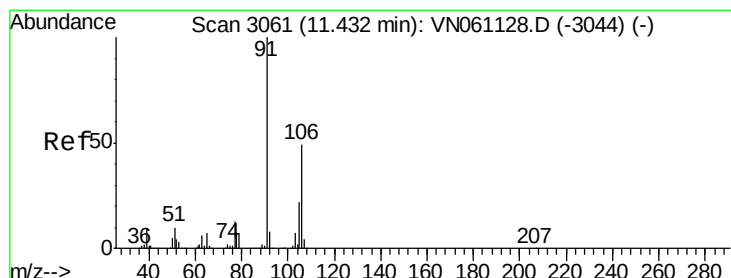
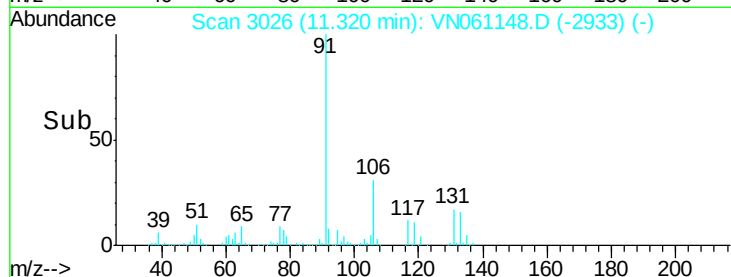
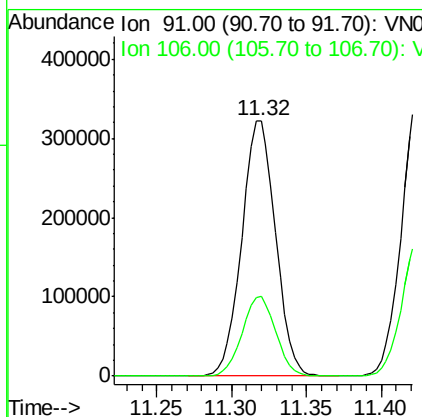
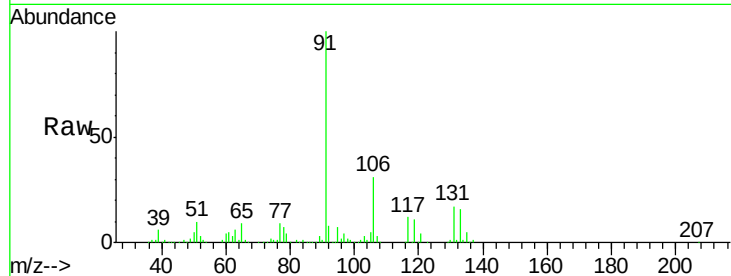




#67
 Ethyl Benzene
 Concen: 46.22 ug/l
 RT: 11.32 min Scan# 3026
 Delta R.T. 0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

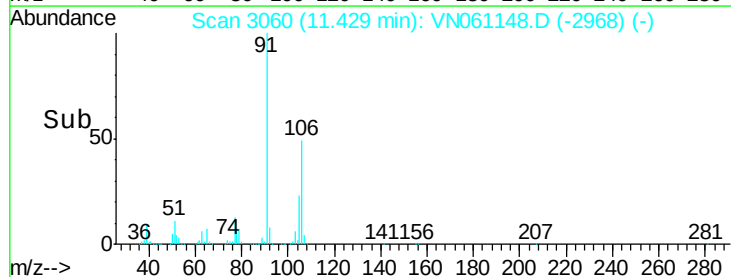
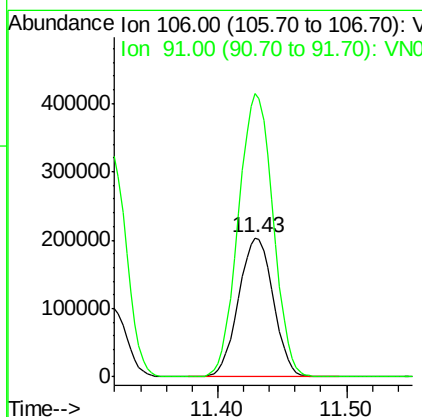
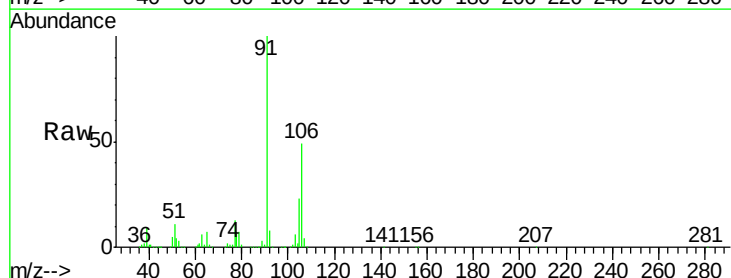
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

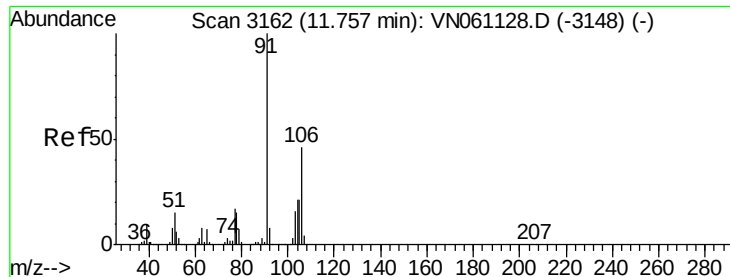
Tgt Ion: 91 Resp: 506994
 Ion Ratio Lower Upper
 91 100
 106 31.0 24.7 37.1



#68
 m/p-Xylenes
 Concen: 92.90 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

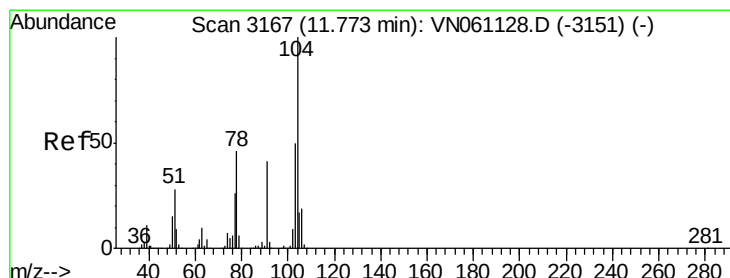
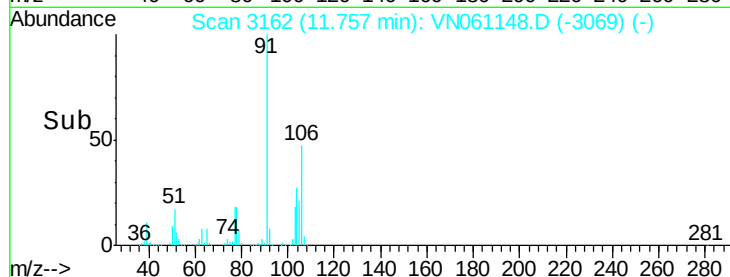
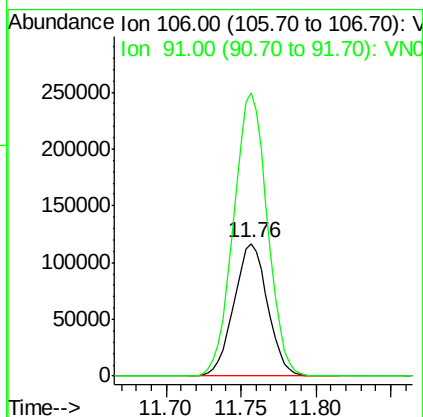
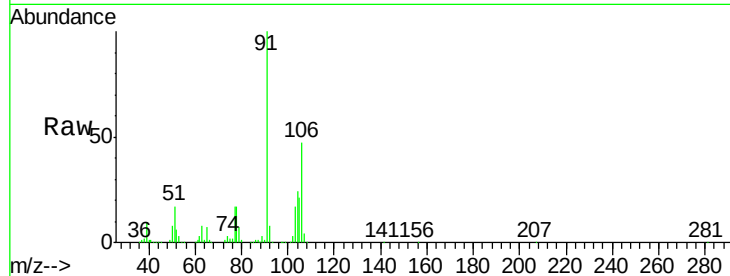




#69
o-Xylene
Concen: 46.32 ug/l
RT: 11.76 min Scan# 3162
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

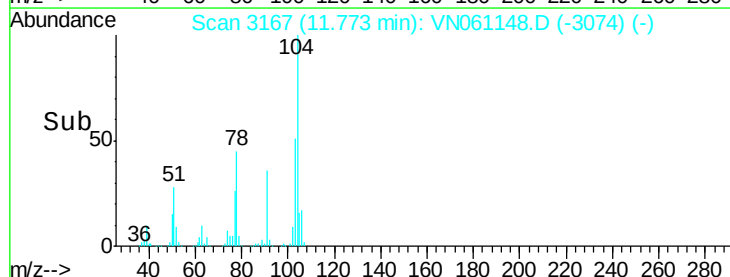
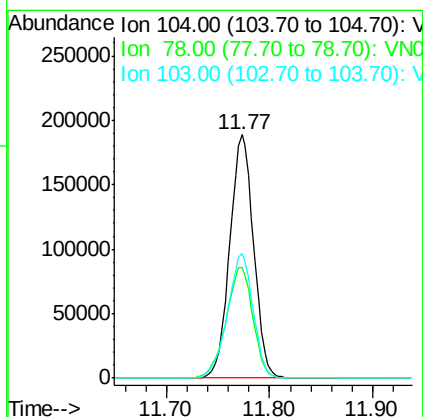
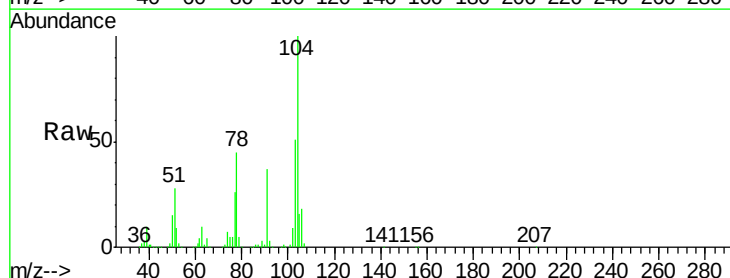
Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

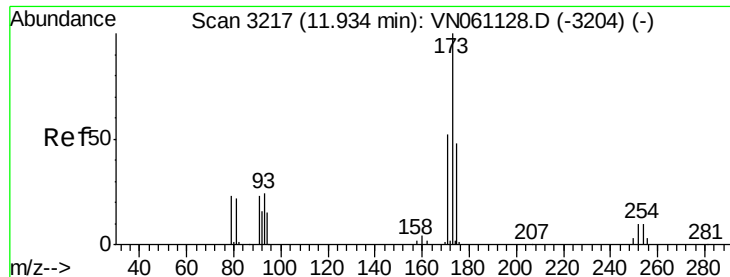
Tgt Ion:106 Resp: 183177
Ion Ratio Lower Upper
106 100
91 214.4 107.6 322.8



#70
Styrene
Concen: 47.49 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: 48.01 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_N

ClientSampleId :

VSTDCCC050EC

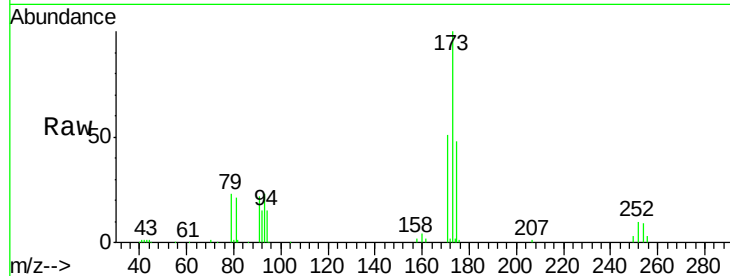
Tgt Ion:173 Resp: 75561

Ion Ratio Lower Upper

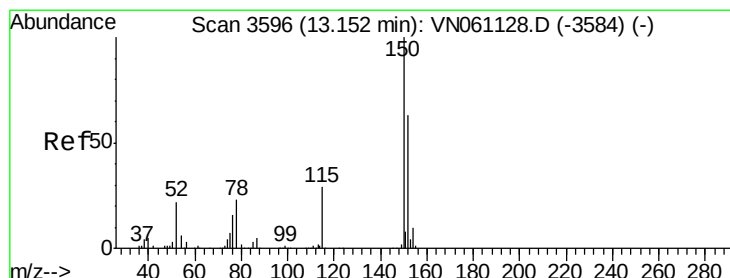
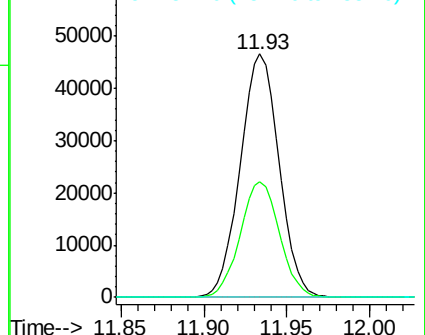
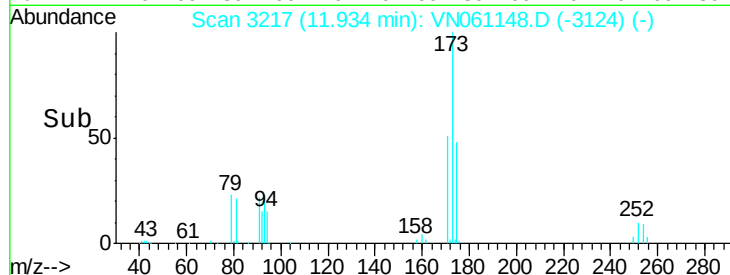
173 100

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: 50.00 ug/l

RT: 13.15 min Scan# 3596

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

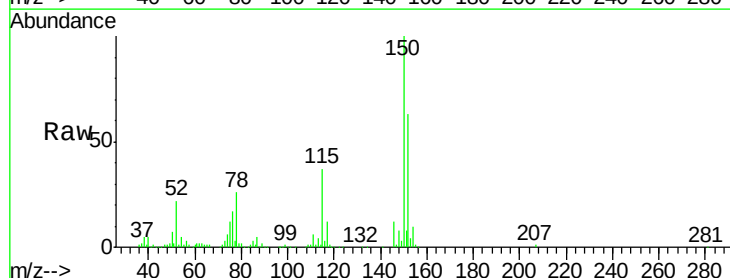
Tgt Ion:152 Resp: 146251

Ion Ratio Lower Upper

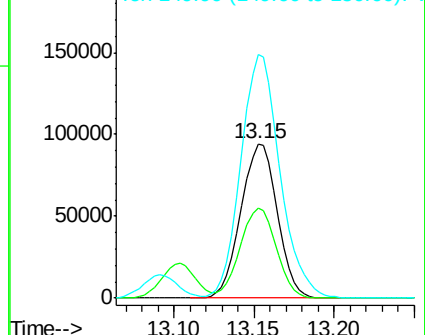
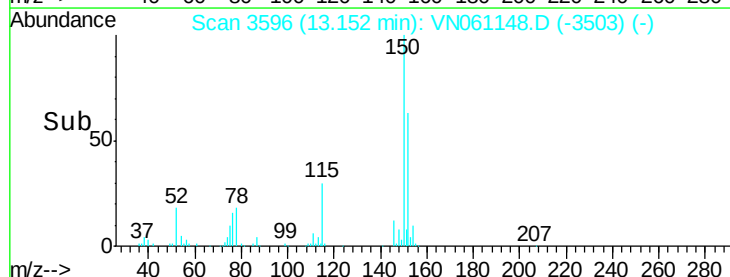
152 100

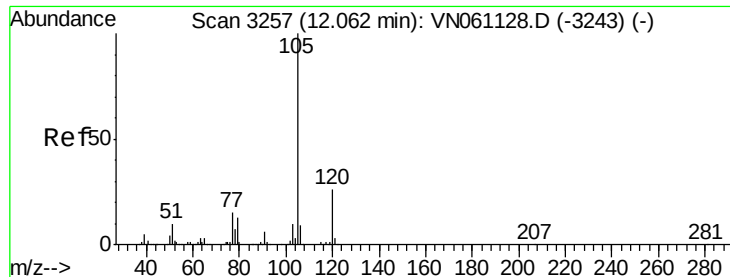
115 57.8 29.8 89.5

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: 44.43 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_N

ClientSampleId :

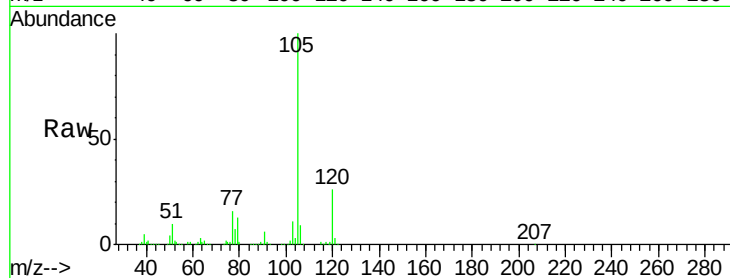
VSTDCCC050EC

Tgt Ion: 105 Resp: 490924

Ion Ratio Lower Upper

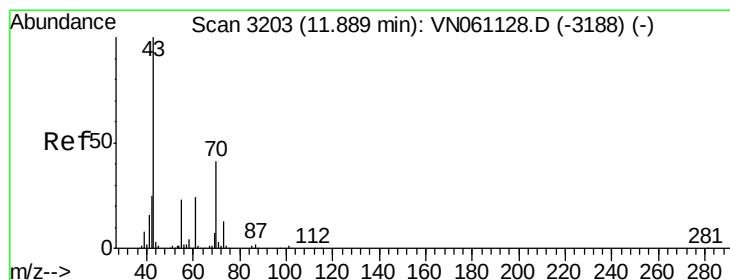
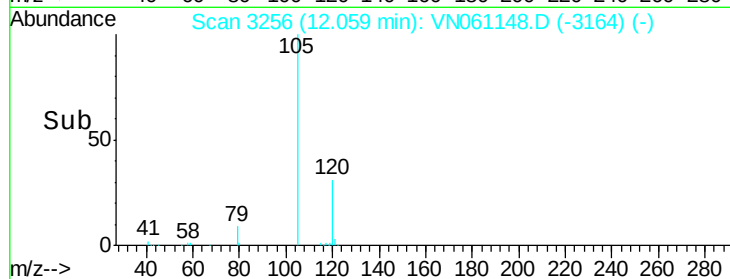
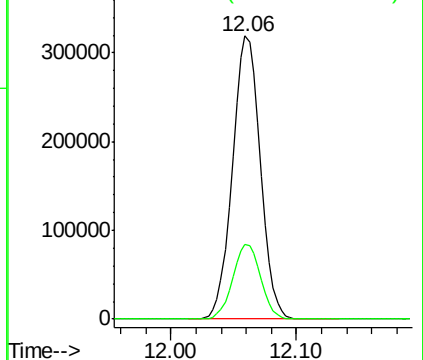
105 100

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: 42.96 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

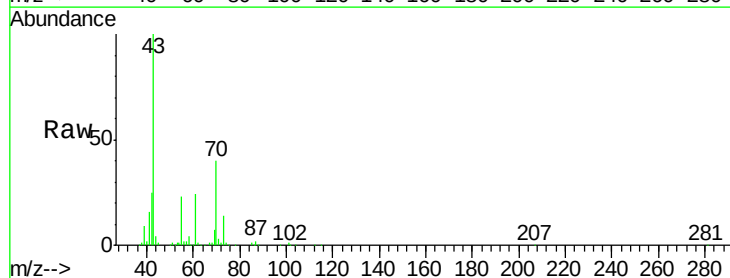
Ion Ratio Lower Upper

43 100

70 40.6 32.5 48.7

55 23.8 19.0 28.6

61 23.8 19.3 28.9

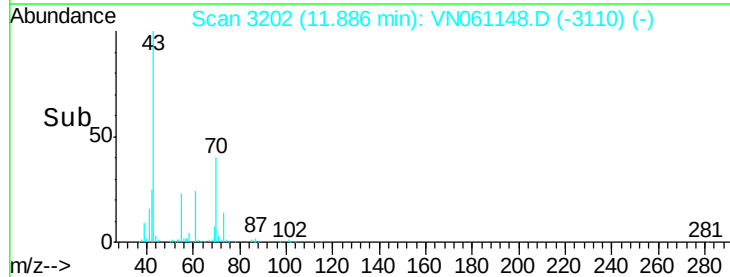
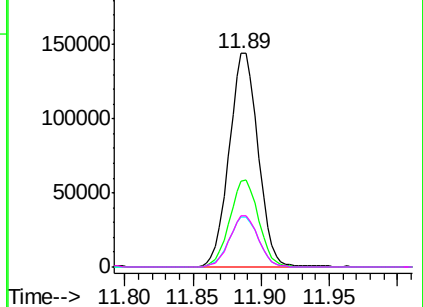


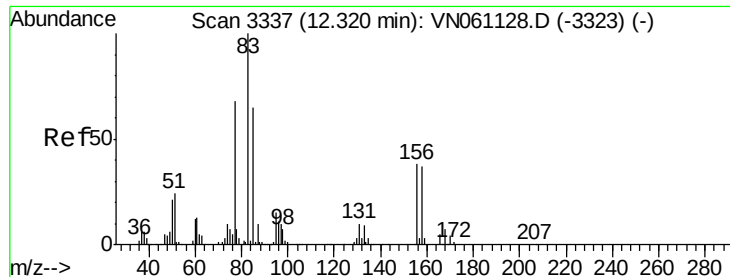
Abundance Ion 43.00 (42.70 to 43.70): V

Ion 70.00 (69.70 to 70.70): V

Ion 55.00 (54.70 to 55.70): V

Ion 61.00 (60.70 to 61.70): V





#75

1,1,2,2-Tetrachloroethane

Concen: 45.91 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_N

ClientSampleId :

VSTDCCC050EC

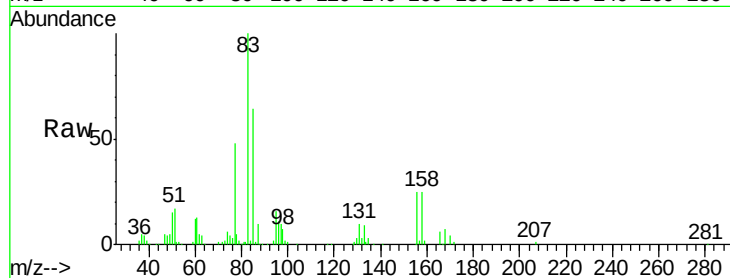
Tgt Ion: 83 Resp: 135928

Ion Ratio Lower Upper

83 100

131 10.1 5.1 15.2

85 65.1 31.9 95.5

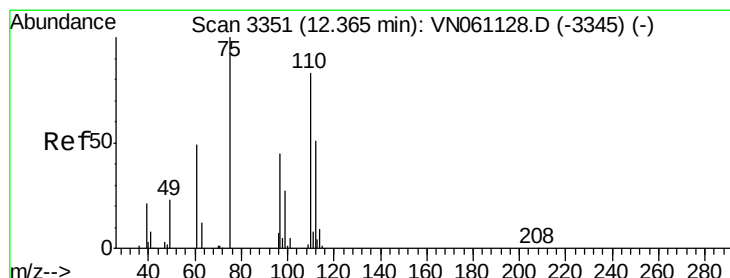
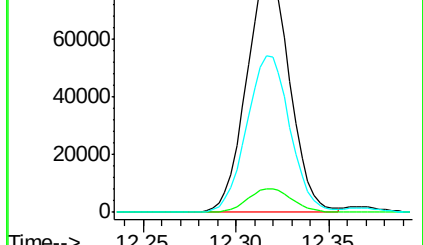
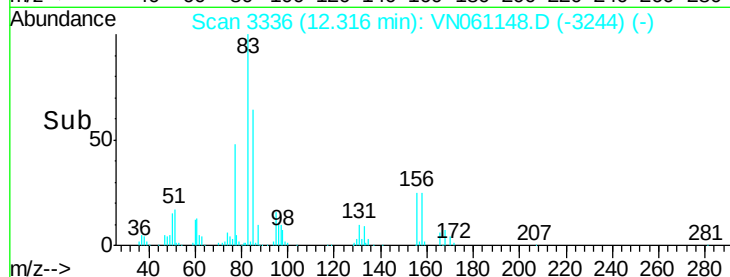


Abundance Ion 82.90 (82.60 to 83.60): VN061148.D (-3337) (-)

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

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

Time-->



#76

1,2,3-Trichloropropane

Concen: 56.48 ug/l

RT: 12.36 min Scan# 3351

Delta R.T. 0.00 min

Lab File: VN061148.D

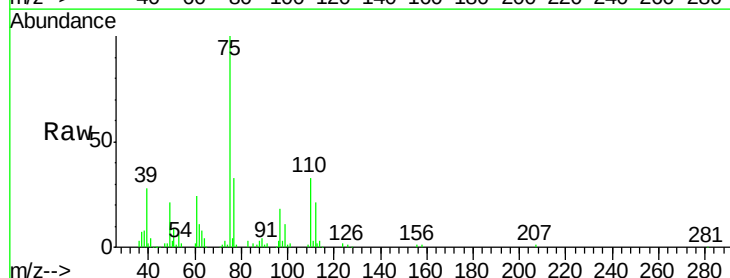
Acq: 22 Apr 2020 23:18

Tgt Ion: 75 Resp: 190530

Ion Ratio Lower Upper

75 100

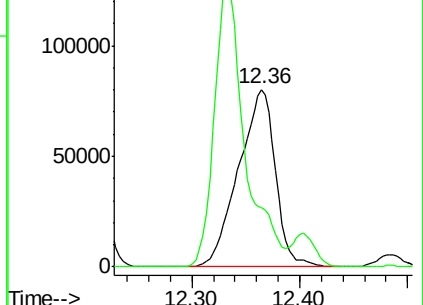
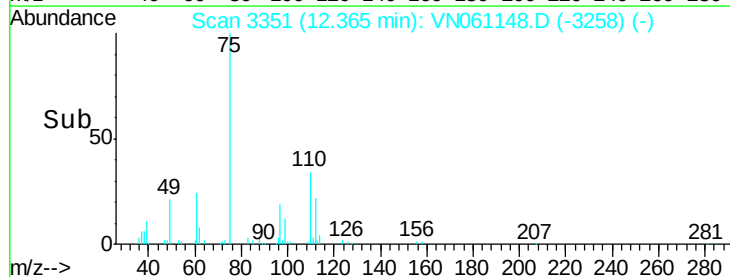
77 0.0 0.0 0.0

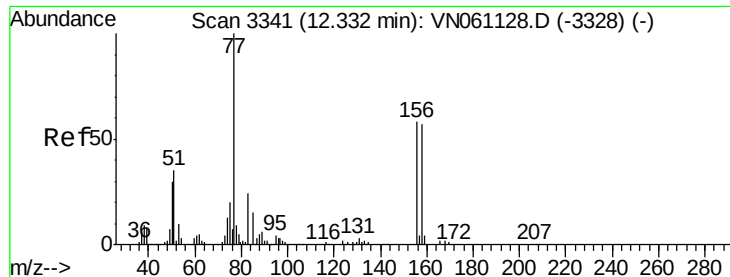


Abundance Ion 74.90 (74.60 to 75.60): VN061148.D (-3351) (-)

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

Time-->

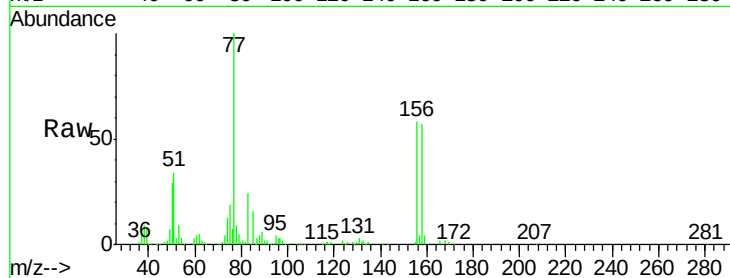




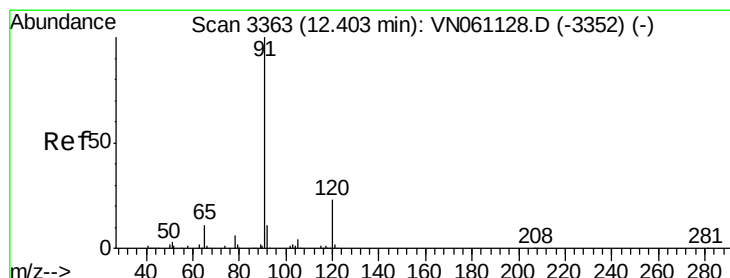
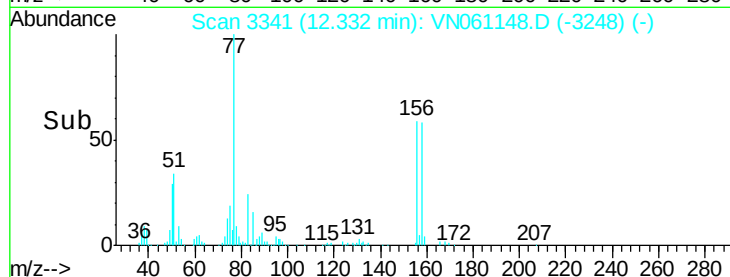
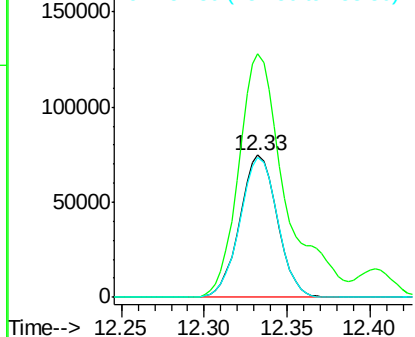
#77
Bromobenzene
Concen: 43.72 ug/l
RT: 12.33 min Scan# 3341
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

Instrument :
MSVOA_N
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 156 Resp: 117698
Ion Ratio Lower Upper
156 100
77 213.6 105.7 317.1
158 98.7 48.3 144.9

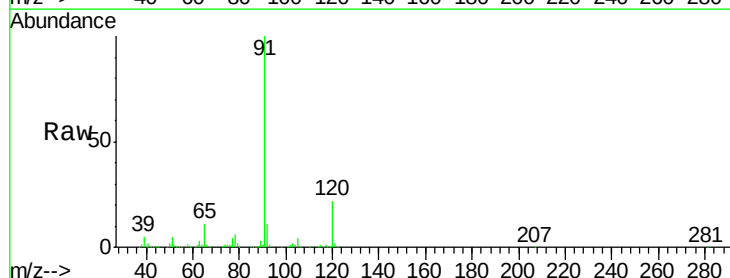


Abundance Ion 155.80 (155.50 to 156.50): V
Ion 77.00 (76.70 to 77.70): VN0
Ion 157.80 (157.50 to 158.50): V

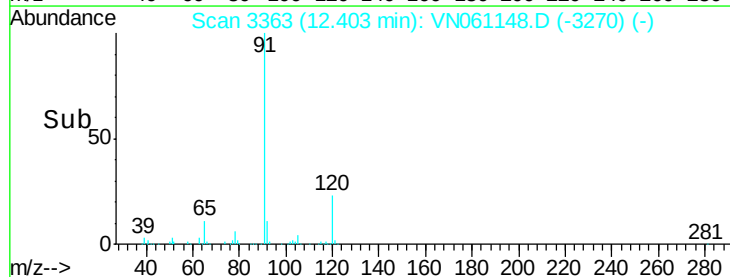
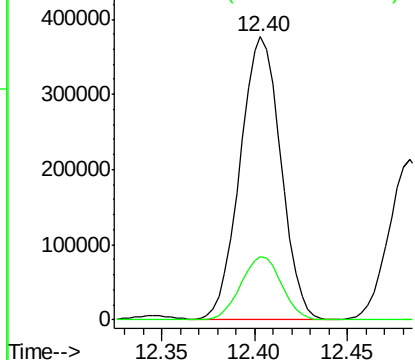


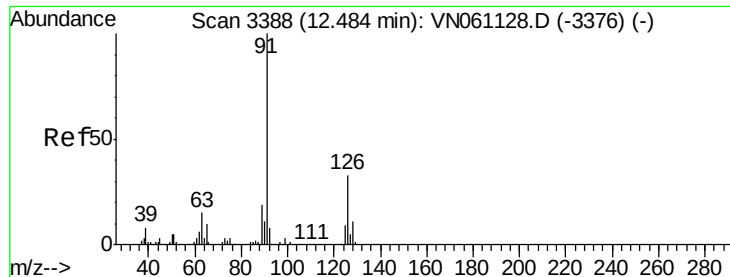
#78
n-propylbenzene
Concen: 44.41 ug/l
RT: 12.40 min Scan# 3363
Delta R.T. 0.00 min
Lab File: VN061148.D
Acq: 22 Apr 2020 23:18

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: 44.24 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_N

ClientSampleId :

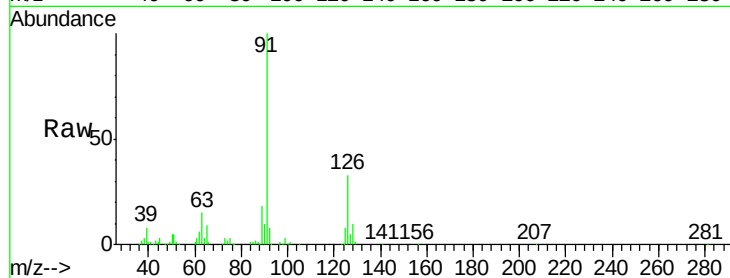
VSTDCCC050EC

Tgt Ion: 91 Resp: 332931

Ion Ratio Lower Upper

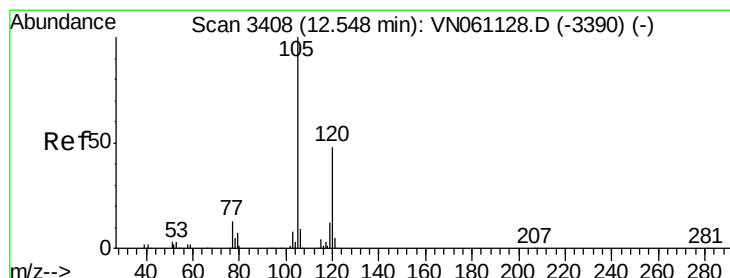
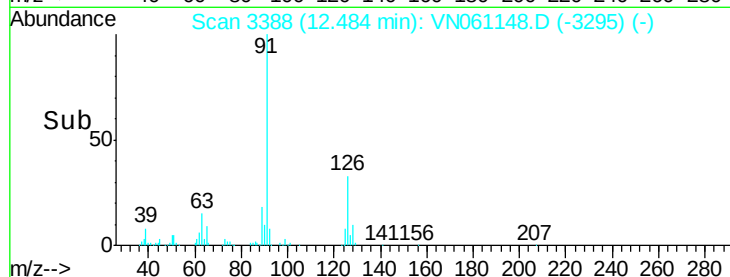
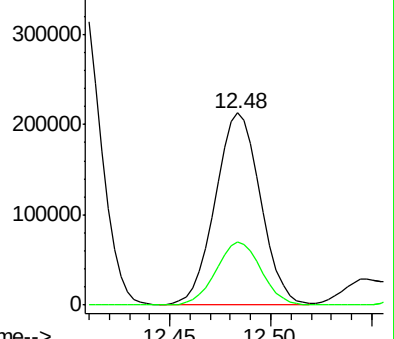
91 100

126 33.1 16.7 50.1



Abundance Ion 91.00 (90.70 to 91.70): VN061128.D (-3376) (-)

Ion 125.90 (125.60 to 126.60): VN061128.D (-3376) (-)



#80

1,3,5-Trimethylbenzene

Concen: 44.31 ug/l

RT: 12.55 min Scan# 3408

Delta R.T. 0.00 min

Lab File: VN061148.D

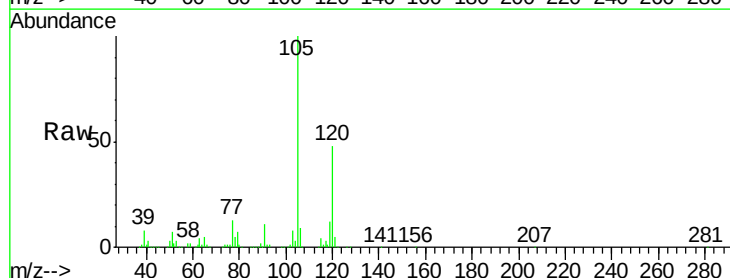
Acq: 22 Apr 2020 23:18

Tgt Ion: 105 Resp: 412521

Ion Ratio Lower Upper

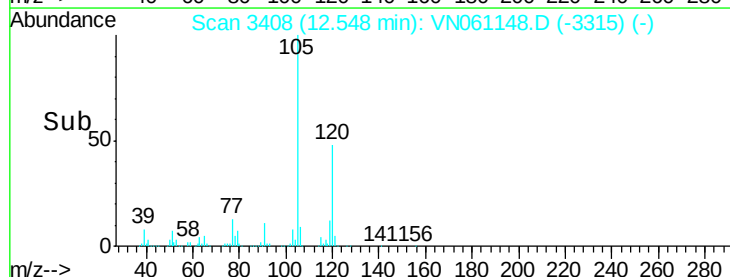
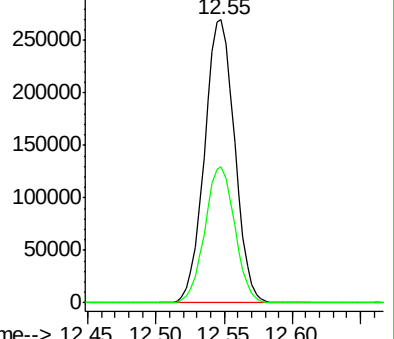
105 100

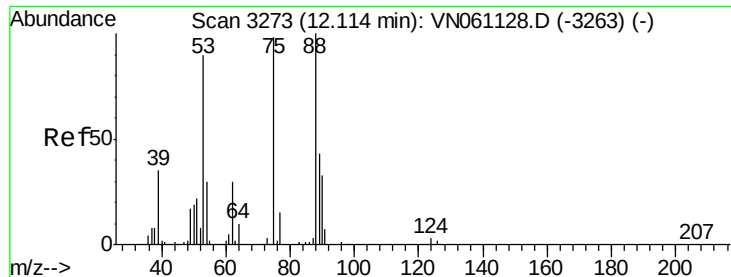
120 47.9 23.8 71.5



Abundance Ion 105.00 (104.70 to 105.70): VN061128.D (-3390) (-)

Ion 120.00 (119.70 to 120.70): VN061128.D (-3390) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 40.21 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_N

ClientSampleId :

VSTDCCC050EC

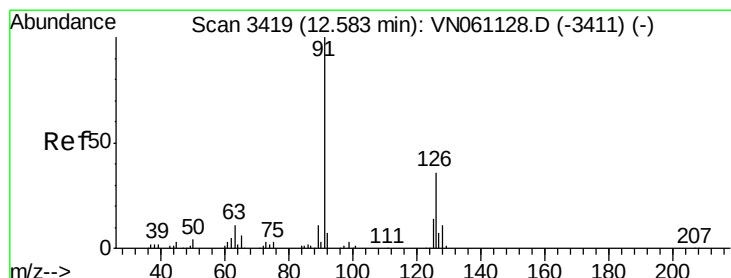
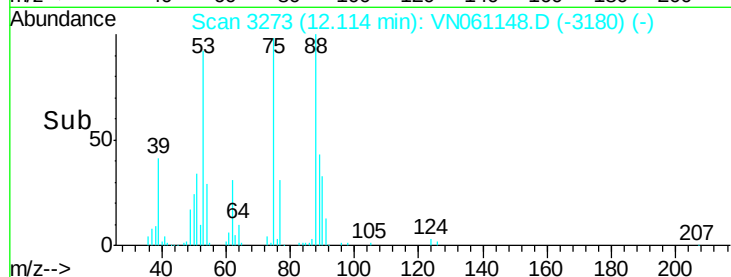
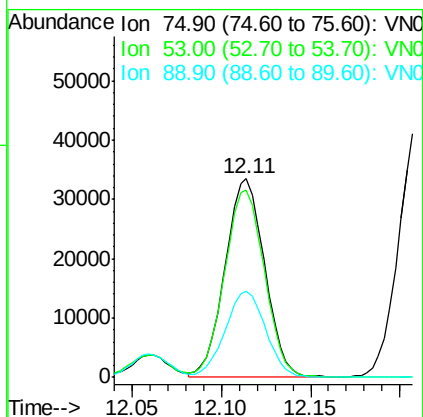
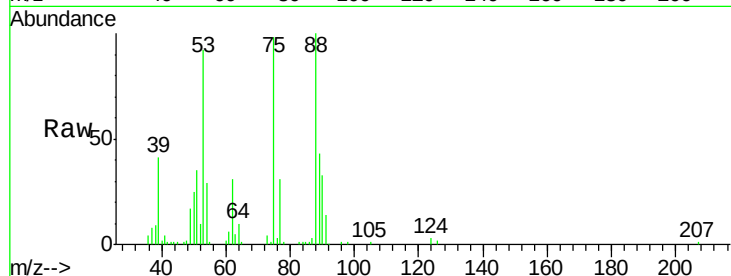
Tgt Ion: 75 Resp: 51652

Ion Ratio Lower Upper

75 100

53 95.4 74.3 111.5

89 44.2 36.6 55.0



#82

4-Chlorotoluene

Concen: 44.22 ug/l

RT: 12.58 min Scan# 3419

Delta R.T. 0.00 min

Lab File: VN061148.D

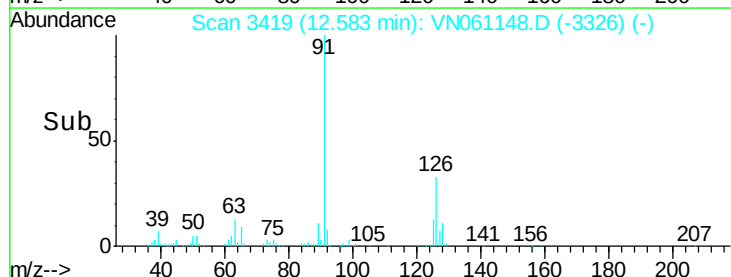
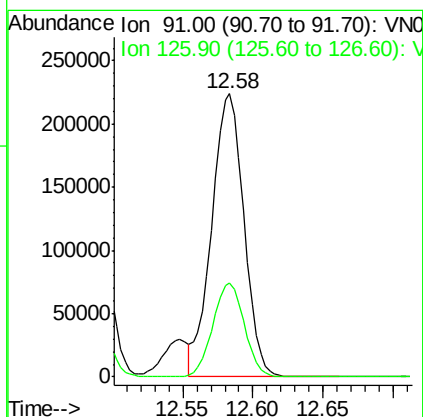
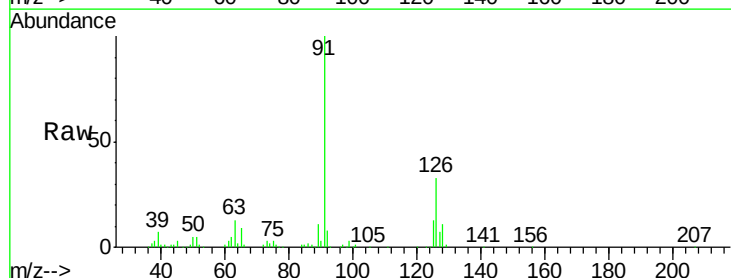
Acq: 22 Apr 2020 23:18

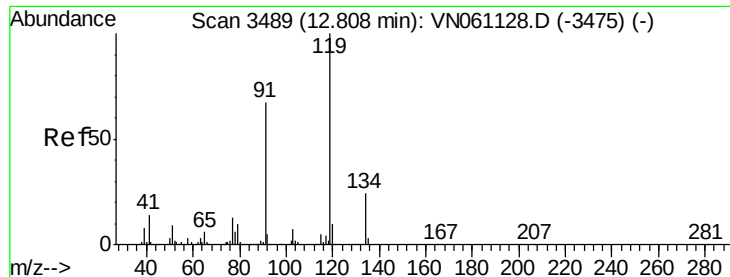
Tgt Ion: 91 Resp: 353006

Ion Ratio Lower Upper

91 100

126 32.7 16.4 49.2

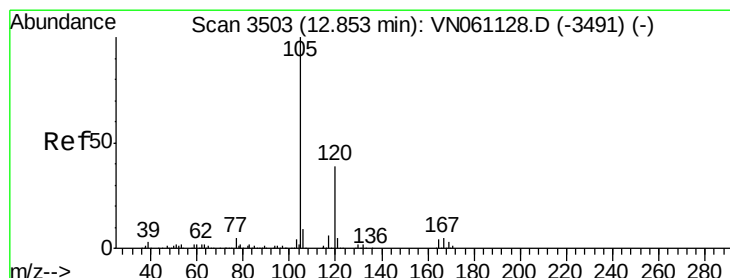
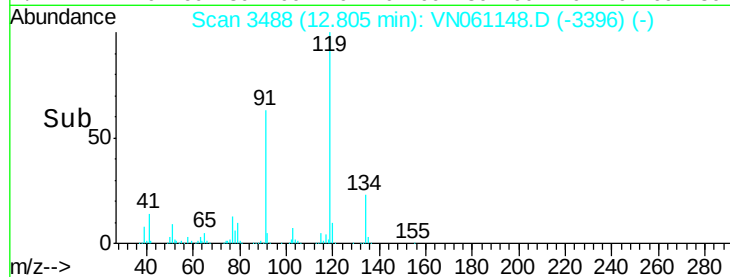
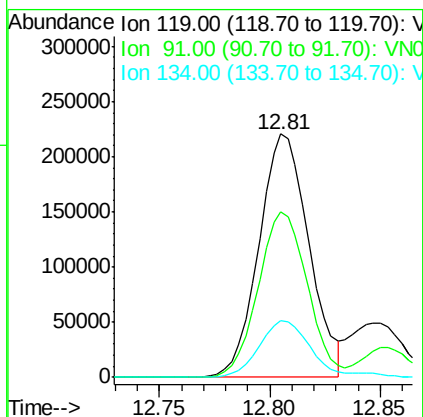
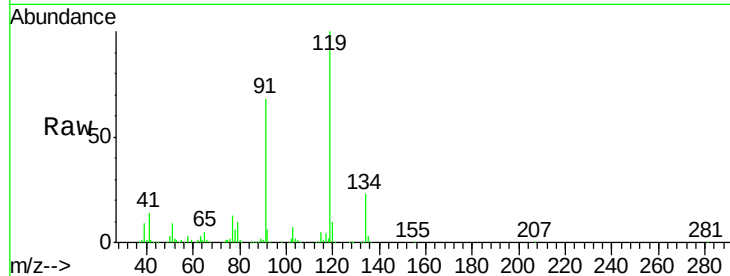




#83
 tert-Butylbenzene
 Concen: 44.36 ug/l
 RT: 12.81 min Scan# 3488
 Delta R.T. -0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

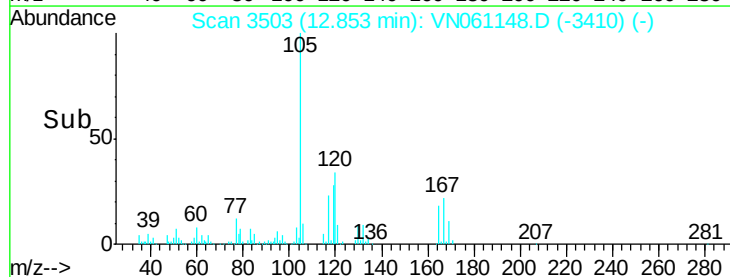
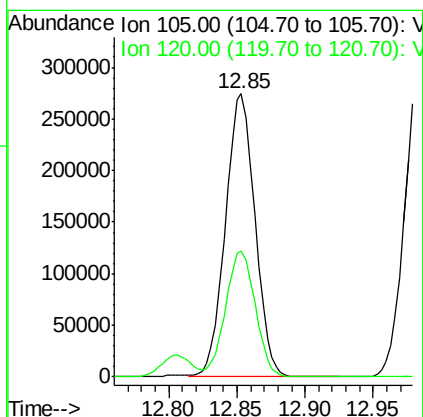
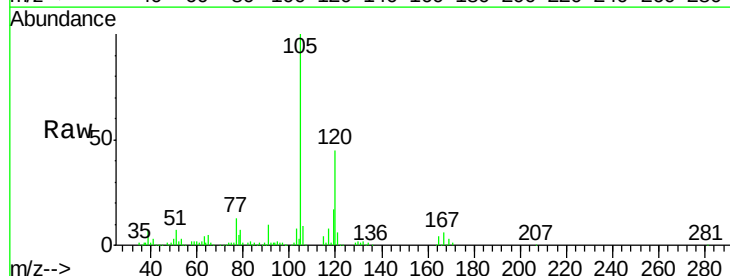
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

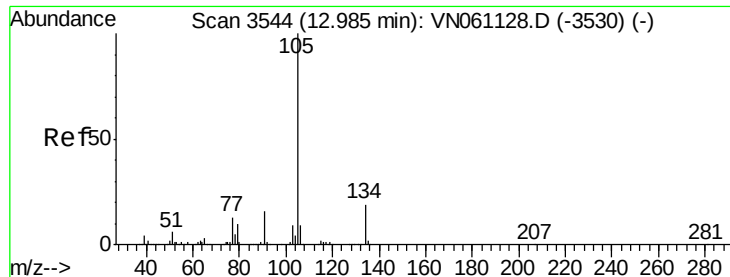
Tgt Ion:119 Resp: 346863
 Ion Ratio Lower Upper
 119 100
 91 67.1 32.8 98.4
 134 24.7 12.2 36.4



#84
 1,2,4-Trimethylbenzene
 Concen: 44.59 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: 44.32 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_N

ClientSampleId :

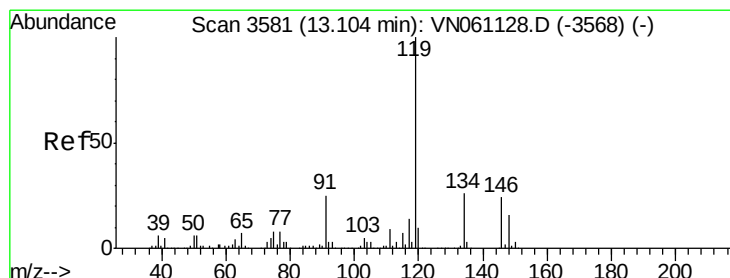
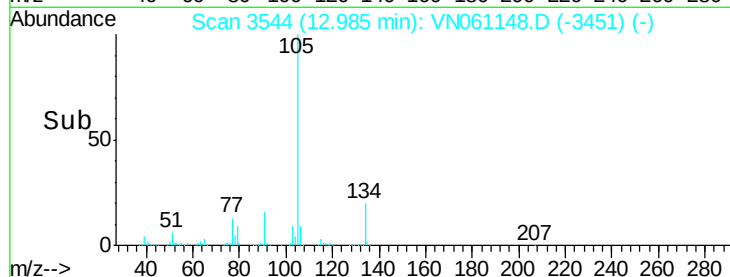
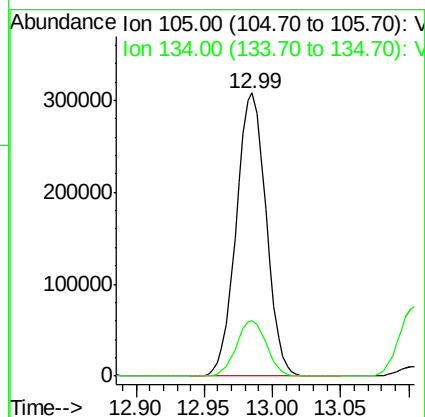
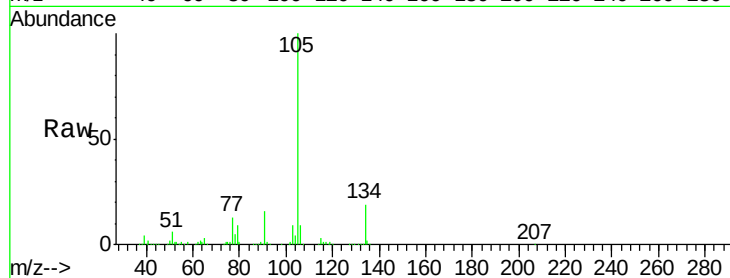
VSTDCCC050EC

Tgt Ion:105 Resp: 468901

Ion Ratio Lower Upper

105 100

134 19.7 9.7 28.9



#86

p-Isopropyltoluene

Concen: 44.45 ug/l

RT: 13.10 min Scan# 3581

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

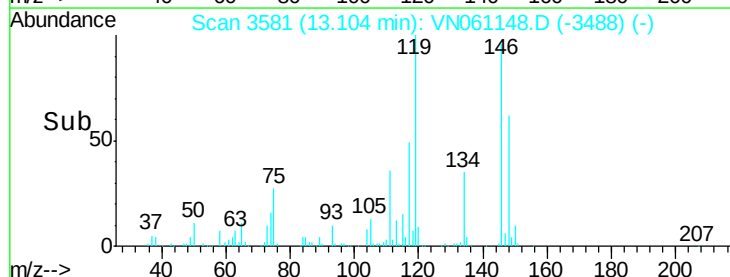
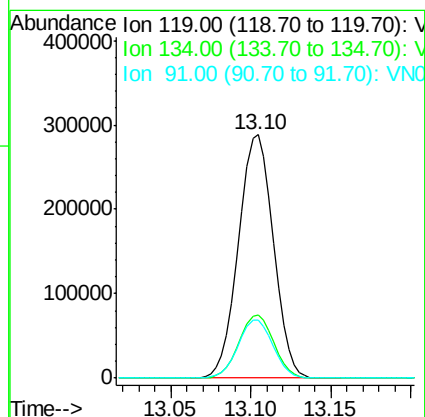
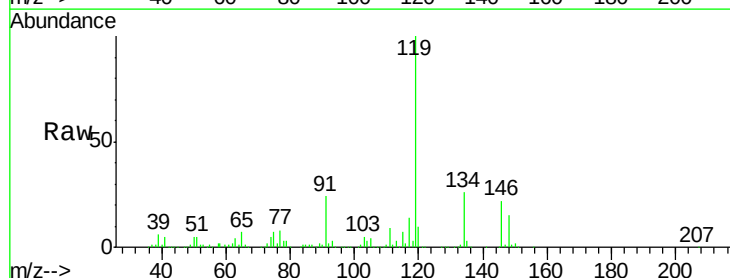
Tgt Ion:119 Resp: 426855

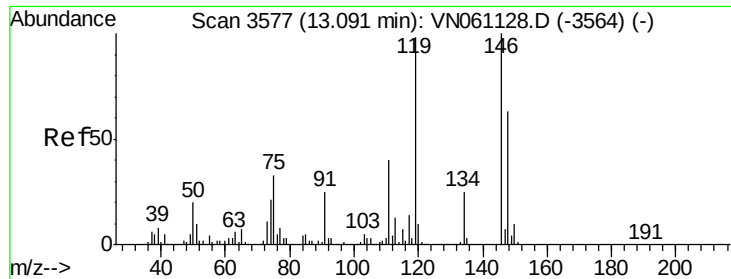
Ion Ratio Lower Upper

119 100

134 26.0 13.0 39.0

91 23.9 12.4 37.0

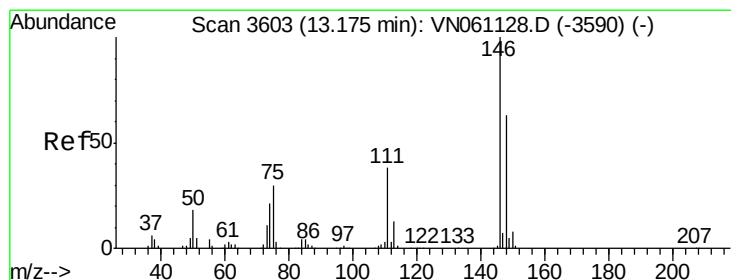
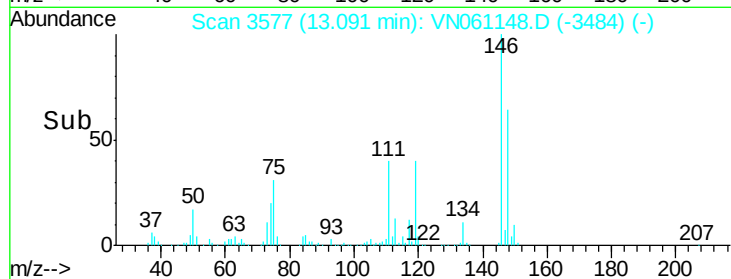
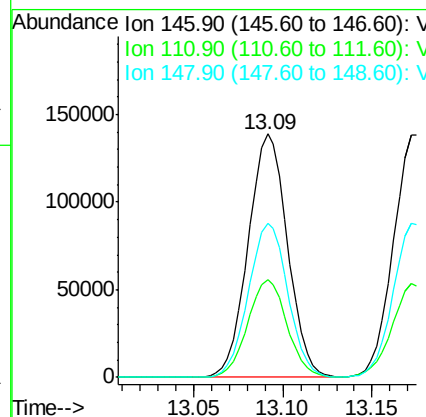
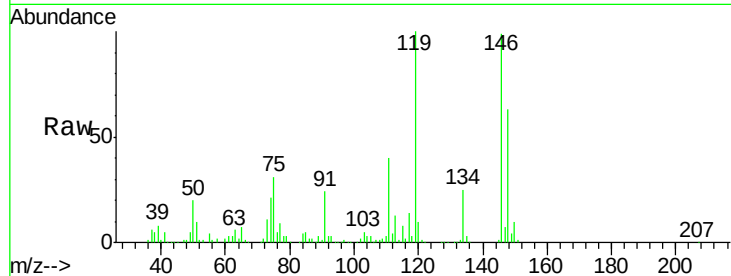




#87
 1,3-Dichlorobenzene
 Concen: 44.75 ug/l
 RT: 13.09 min Scan# 3577
 Delta R.T. 0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

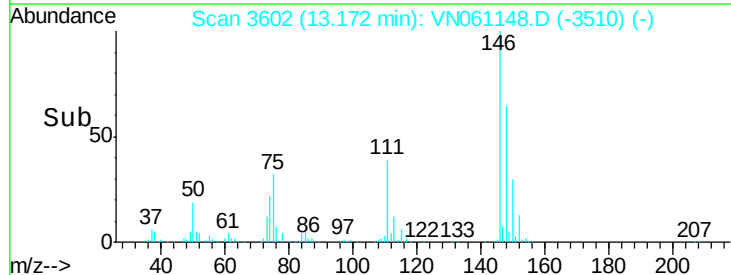
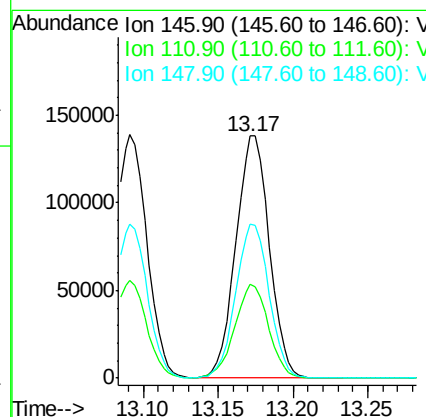
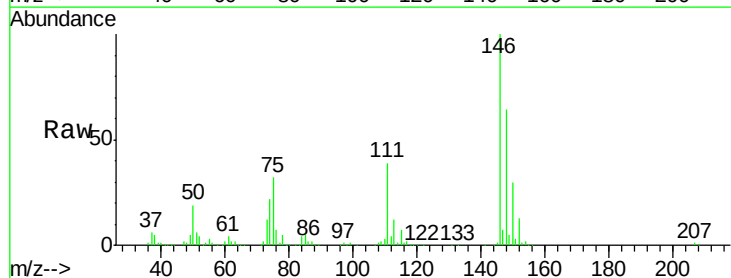
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

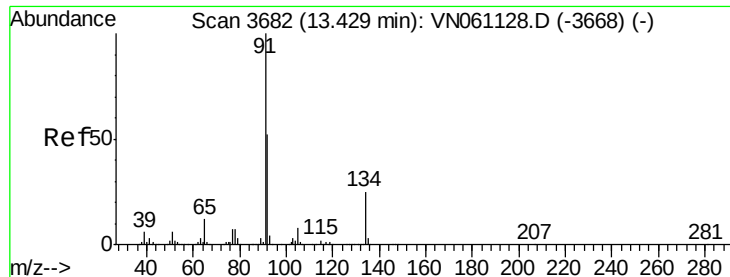
Tgt Ion:146 Resp: 213524
 Ion Ratio Lower Upper
 146 100
 111 40.1 20.3 60.9
 148 63.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 44.65 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: 44.68 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_N

ClientSampled :

VSTDCCC050EC

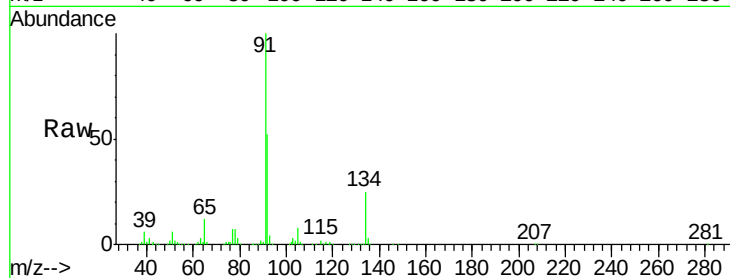
Tgt Ion: 91 Resp: 391501

Ion Ratio Lower Upper

91 100

92 52.3 26.1 78.2

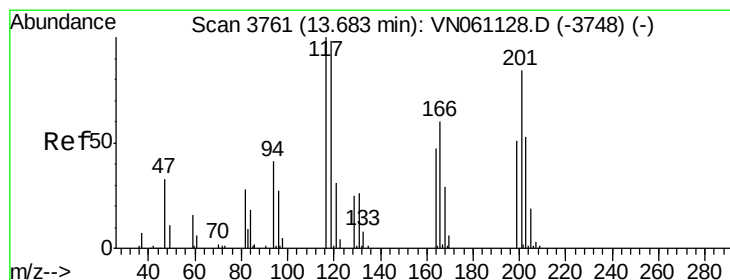
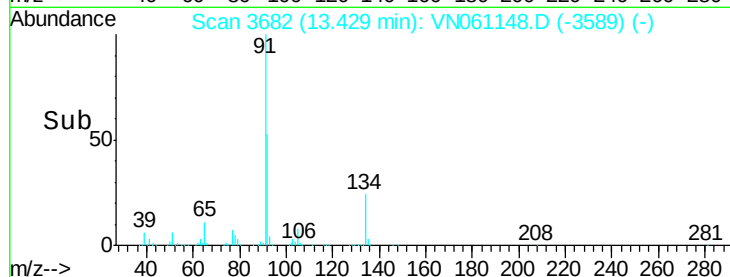
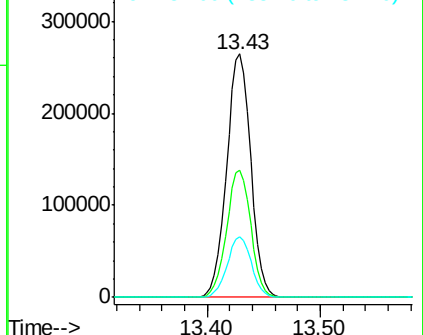
134 25.0 12.6 37.6



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: 38.60 ug/l

RT: 13.68 min Scan# 3761

Delta R.T. 0.00 min

Lab File: VN061148.D

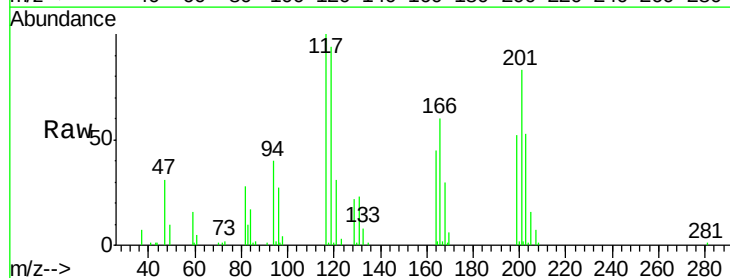
Acq: 22 Apr 2020 23:18

Tgt Ion: 117 Resp: 37341

Ion Ratio Lower Upper

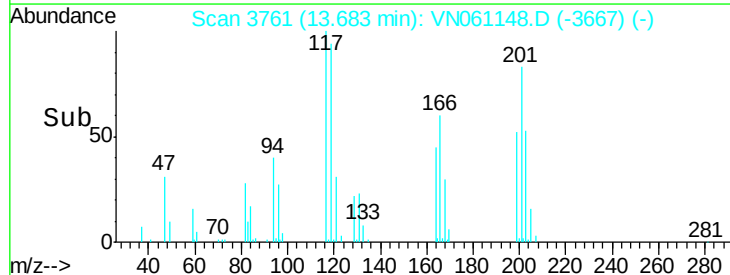
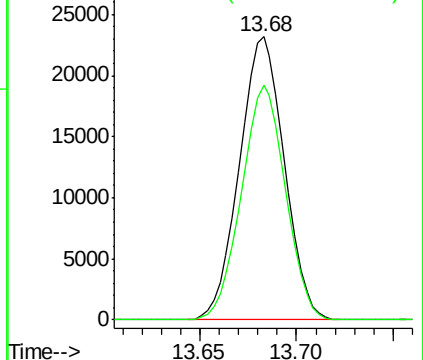
117 100

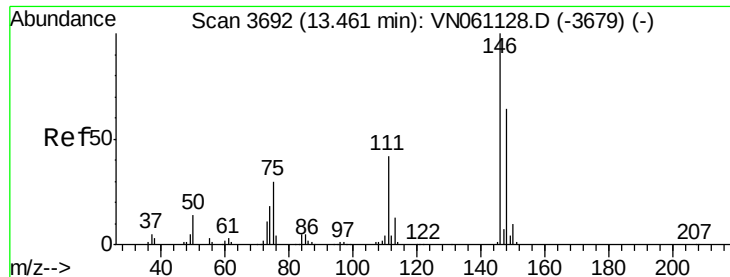
201 81.2 41.4 124.4



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: 45.97 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_N

ClientSampled :

VSTDCCC050EC

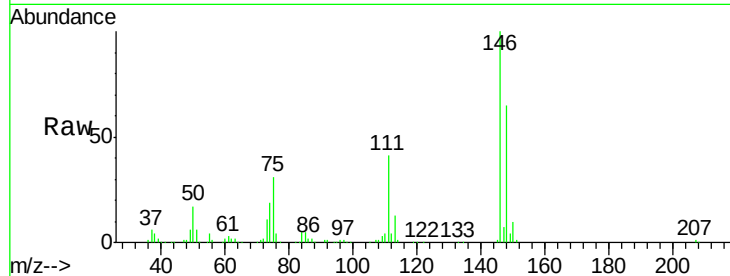
Tgt Ion:146 Resp: 204071

Ion Ratio Lower Upper

146 100

111 41.5 20.8 62.2

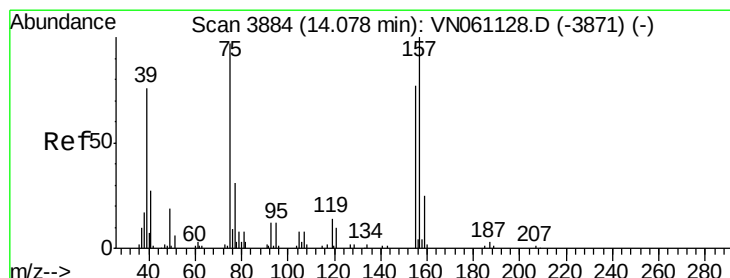
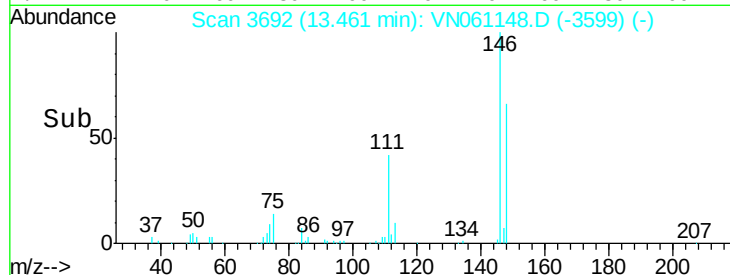
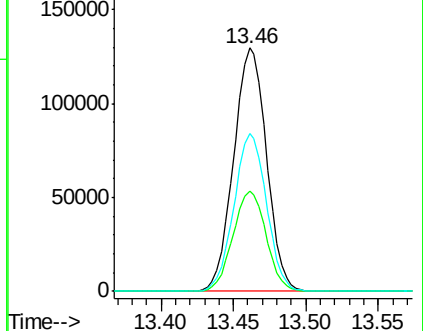
148 64.2 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 43.98 ug/l

RT: 14.08 min Scan# 3884

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

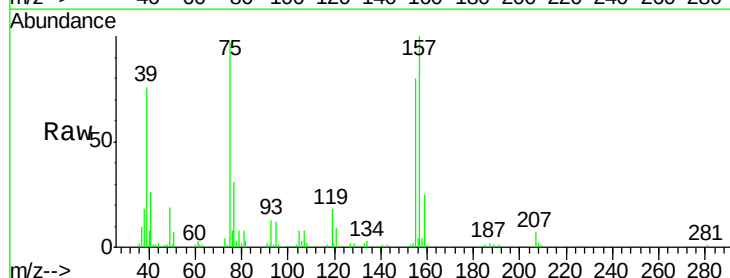
Tgt Ion: 75 Resp: 28267

Ion Ratio Lower Upper

75 100

155 83.3 40.3 120.9

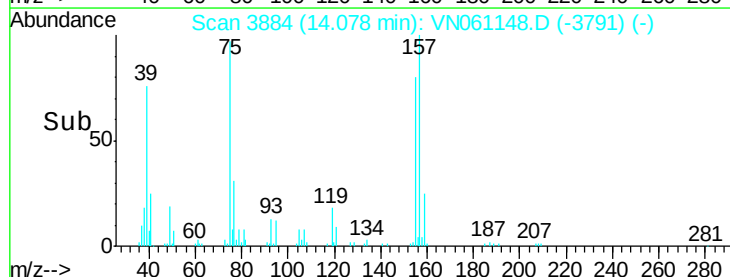
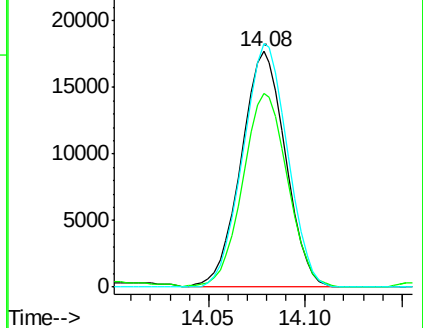
157 103.5 51.6 154.8

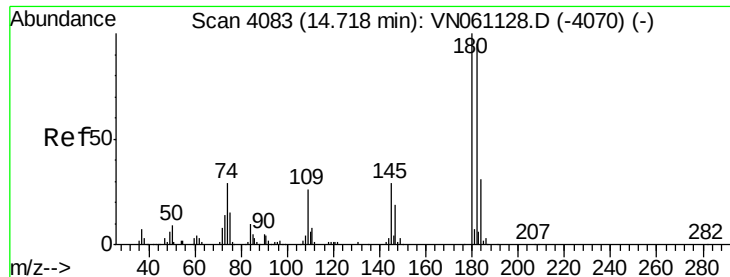


Abundance Ion 74.90 (74.60 to 75.60): V

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

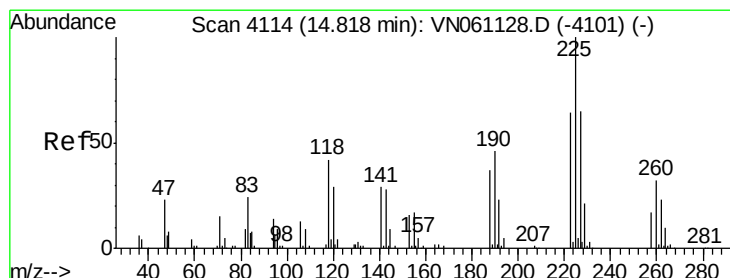
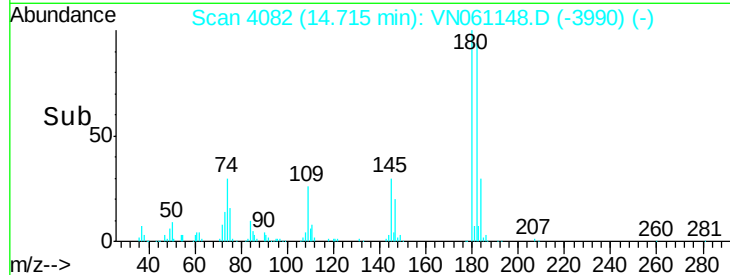
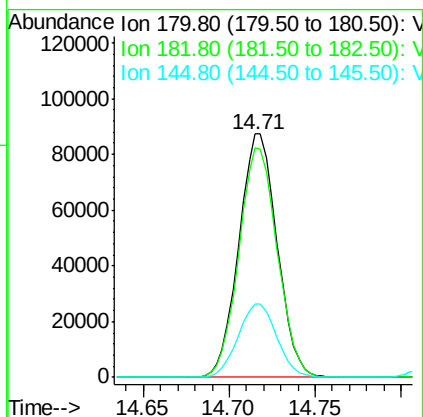
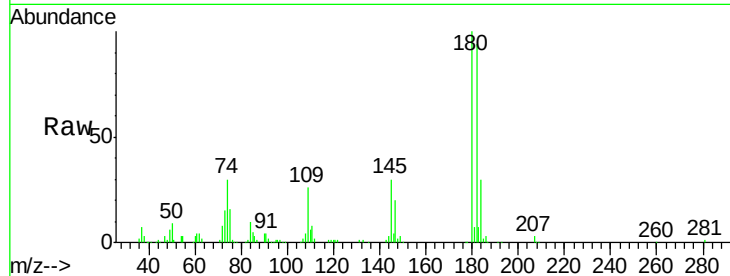




#93
 1,2,4-Trichlorobenzene
 Concen: 45.41 ug/l
 RT: 14.71 min Scan# 4082
 Delta R.T. -0.00 min
 Lab File: VN061148.D
 Acq: 22 Apr 2020 23:18

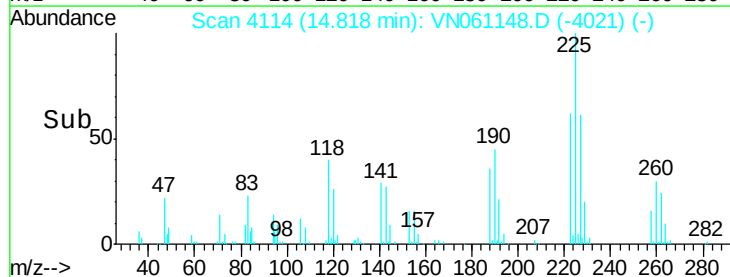
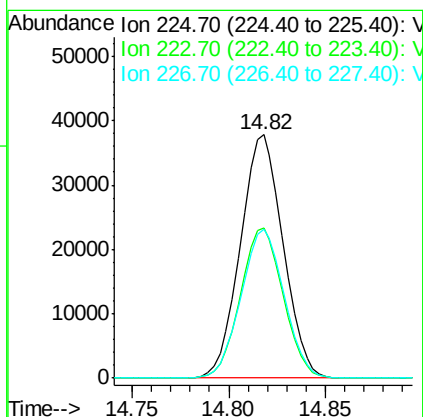
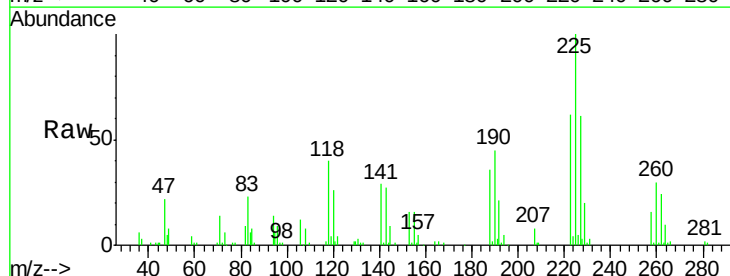
Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

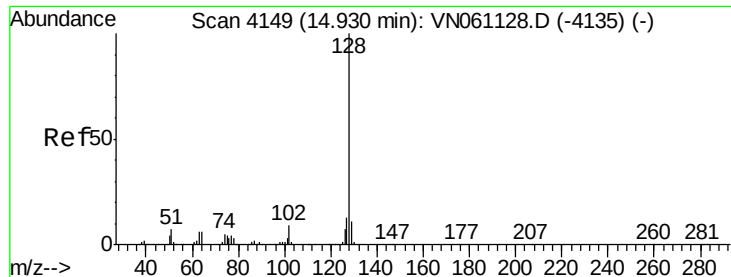
Tgt Ion:180 Resp: 134819
 Ion Ratio Lower Upper
 180 100
 182 94.7 47.9 143.7
 145 30.4 15.2 45.5



#94
 Hexachlorobutadiene
 Concen: 44.80 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:225 Resp: 58004
 Ion Ratio Lower Upper
 225 100
 223 61.6 31.6 95.0
 227 61.7 32.0 96.2





#95

Naphthalene

Concen: 44.98 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_N

ClientSampleId :

VSTDCCC050EC

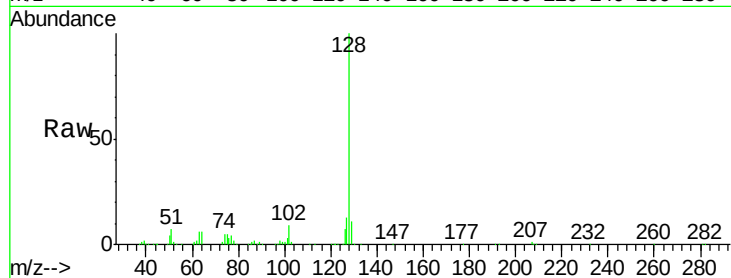
Tgt Ion:128 Resp: 412296

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

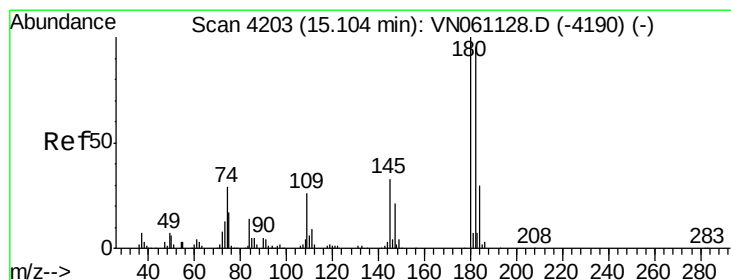
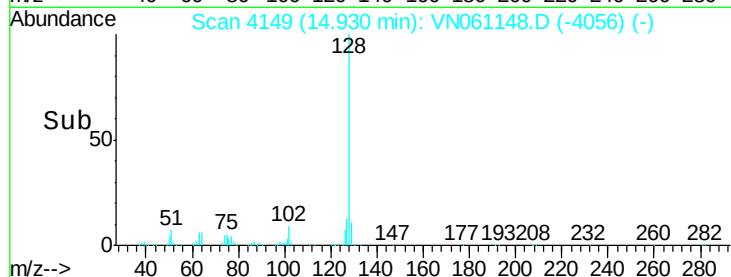
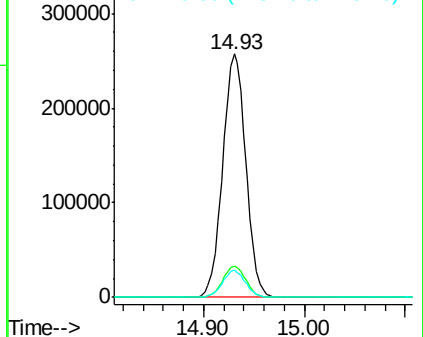
129 11.0 8.6 12.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 44.85 ug/l

RT: 15.10 min Scan# 4203

Delta R.T. 0.00 min

Lab File: VN061148.D

Acq: 22 Apr 2020 23:18

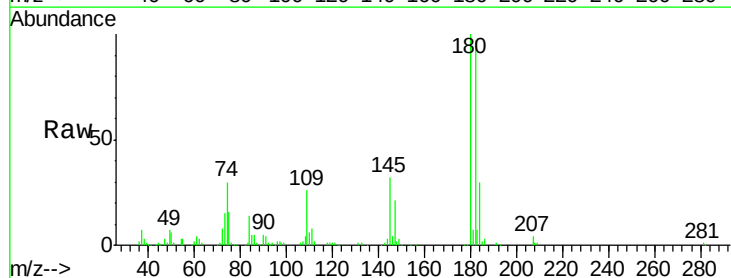
Tgt Ion:180 Resp: 127961

Ion Ratio Lower Upper

180 100

182 96.4 47.7 143.1

145 32.1 16.3 48.8



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

