

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
 Data File : VX016557.D
 Acq On : 03 Jun 2020 10:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 04 08:20:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	276995	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	421816	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	388945	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	190997	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	170832	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
35) Dibromofluoromethane	5.46	113	136711	52.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.28%	
50) Toluene-d8	8.70	98	545057	53.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.84%	
62) 4-Bromofluorobenzene	11.12	95	201321	51.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	136820	50.192	ug/l	98
3) Chloromethane	1.31	50	153200	46.506	ug/l	100
4) Vinyl Chloride	1.39	62	168597	48.396	ug/l	100
5) Bromomethane	1.62	94	80866	47.741	ug/l	100
6) Chloroethane	1.70	64	101601	49.997	ug/l	97
7) Trichlorofluoromethane	1.91	101	232881	50.902	ug/l	99
8) Diethyl Ether	2.17	74	91796	48.118	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	130042	51.645	ug/l	100
10) Methyl Iodide	2.49	142	145183	48.367	ug/l	98
11) Tert butyl alcohol	3.01	59	186049	210.916	ug/l	100
12) 1,1-Dichloroethene	2.35	96	129766	48.687	ug/l	98
13) Acrolein	2.27	56	96295	256.626	ug/l	97
14) Allyl chloride	2.70	41	230442	47.013	ug/l	99
15) Acrylonitrile	3.11	53	424511	234.935	ug/l	99
16) Acetone	2.42	43	353350	234.456	ug/l	98
17) Carbon Disulfide	2.54	76	365257	46.148	ug/l	99
18) Methyl Acetate	2.75	43	183493	47.470	ug/l	98
19) Methyl tert-butyl Ether	3.16	73	475725	49.706	ug/l	99
20) Methylene Chloride	2.83	84	147605	47.338	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	142180	48.228	ug/l	96
22) Diisopropyl ether	3.82	45	445509	47.313	ug/l	99
23) Vinyl Acetate	3.78	43	1968769	238.870	ug/l	97
24) 1,1-Dichloroethane	3.67	63	257407	48.434	ug/l	99
25) 2-Butanone	4.63	43	574154	224.829	ug/l	96
26) 2,2-Dichloropropane	4.54	77	238084	54.746	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	163947	48.070	ug/l	99
28) Bromochloromethane	4.98	49	114680	46.434	ug/l	92
29) Tetrahydrofuran	5.08	42	371727	225.312	ug/l	96
30) Chloroform	5.17	83	262043	48.934	ug/l	98
31) Cyclohexane	5.54	56	222974	46.635	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	240388	49.584	ug/l	99
36) 1,1-Dichloropropene	5.76	75	198339	49.662	ug/l	98
37) Ethyl Acetate	4.79	43	218917	45.656	ug/l	98
38) Carbon Tetrachloride	5.75	117	214707	51.156	ug/l	96

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 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	231960	53.472	ug/l	99
40) Benzene	6.11	78	590885	49.682	ug/l	100
41) Methacrylonitrile	5.00	41	120135	45.613	ug/l	98
42) 1,2-Dichloroethane	6.15	62	209264	49.476	ug/l	100
43) Isopropyl Acetate	6.40	43	356180	47.623	ug/l	98
44) Trichloroethene	7.18	130	187418	49.667	ug/l	96
45) 1,2-Dichloropropane	7.49	63	151789	50.132	ug/l	97
46) Dibromomethane	7.63	93	101908	50.110	ug/l	99
47) Bromodichloromethane	7.87	83	215542	51.187	ug/l	98
48) Methyl methacrylate	7.74	41	170895	47.722	ug/l	97
49) 1,4-Dioxane	7.71	88	72206	861.594	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1114063	239.224	ug/l	98
52) Toluene	8.76	92	387511	51.669	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	253898	53.026	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	267152	52.712	ug/l	96
55) 1,1,2-Trichloroethane	9.20	97	153463	51.464	ug/l	97
56) Ethyl methacrylate	9.16	69	251474	51.781	ug/l	97
57) 1,3-Dichloropropane	9.35	76	261376	51.066	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	678383	267.618	ug/l	98
59) 2-Hexanone	9.47	43	862892	238.267	ug/l	97
60) Dibromochloromethane	9.56	129	178504	53.193	ug/l	99
61) 1,2-Dibromoethane	9.65	107	164671	51.569	ug/l	99
64) Tetrachloroethene	9.32	164	217813	50.055	ug/l	99
65) Chlorobenzene	10.12	112	416438	52.517	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	160200	52.925	ug/l	99
67) Ethyl Benzene	10.23	91	733825	51.978	ug/l	98
68) m/p-Xylenes	10.34	106	559681	106.921	ug/l	100
69) o-Xylene	10.68	106	265366	52.347	ug/l	99
70) Styrene	10.70	104	464695	53.330	ug/l	100
71) Bromoform	10.84	173	133953	52.363	ug/l #	97
73) Isopropylbenzene	11.00	105	717856	54.244	ug/l	100
74) N-amyl acetate	10.88	43	306389	50.333	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.25	83	177652	53.563	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	287801	68.553	ug/l	82
77) Bromobenzene	11.24	156	181425	52.269	ug/l	98
78) n-propylbenzene	11.34	91	797561	53.944	ug/l	99
79) 2-Chlorotoluene	11.40	91	480625	53.256	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	600634	54.356	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	88949	52.118	ug/l	96
82) 4-Chlorotoluene	11.49	91	559760	52.524	ug/l	99
83) tert-Butylbenzene	11.76	119	520434	55.120	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	611504	54.720	ug/l	100
85) sec-Butylbenzene	11.93	105	663391	56.009	ug/l	99
86) p-Isopropyltoluene	12.05	119	631715	56.937	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	315833	52.521	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	322774	52.482	ug/l	99
89) n-Butylbenzene	12.37	91	523285	56.624	ug/l	99
90) Hexachloroethane	12.58	117	108817	56.781	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	302714	51.959	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	52702	49.057	ug/l	99

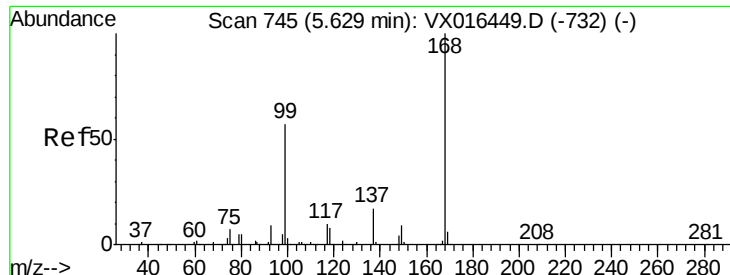
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	220019	56.863	ug/l	99
94) Hexachlorobutadiene	13.77	225	97129	63.935	ug/l	97
95) Naphthalene	13.82	128	711561	53.644	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	214892	56.689	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.62 min Scan# 744

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

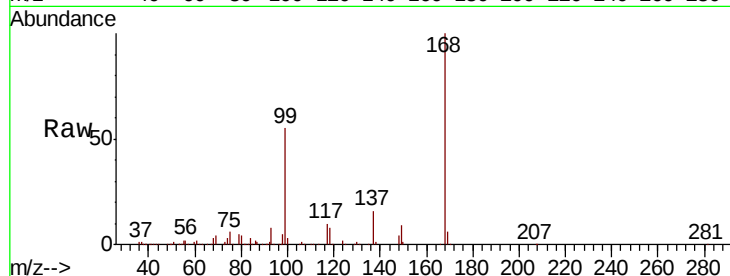
VSTDCCC050

Tot Ion:168 Resp: 276995

Ion Ratio Lower Upper

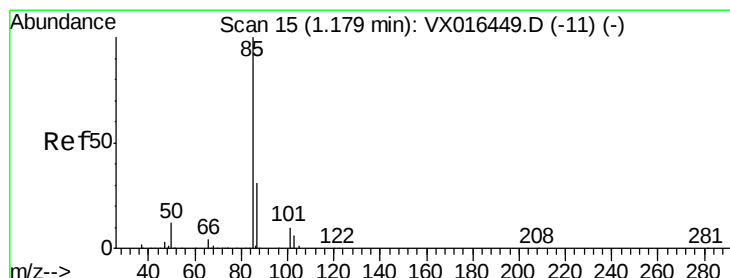
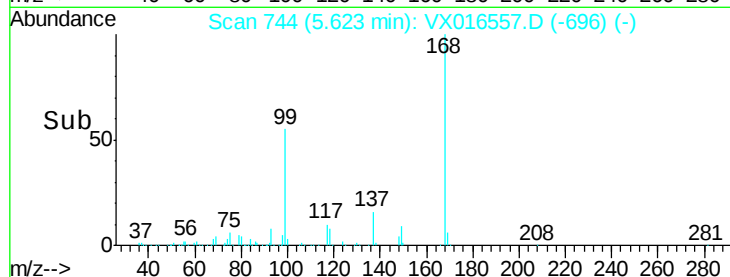
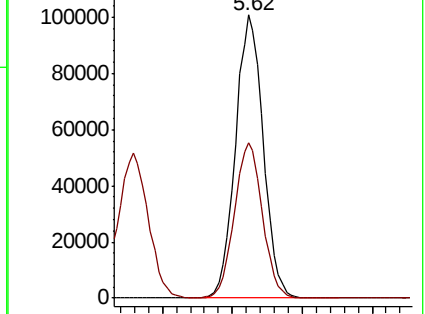
168 100

99 54.8 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 50.192 ug/l

RT: 1.18 min Scan# 16

Delta R.T. 0.01 min

Lab File: VX016557.D

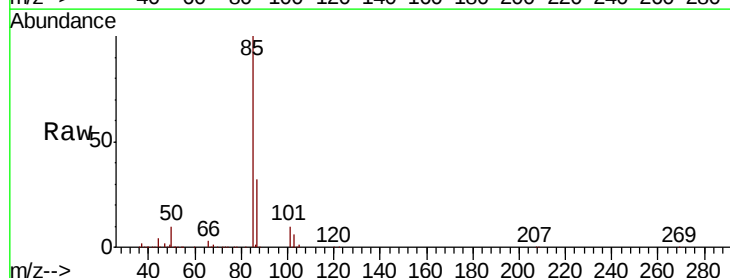
Acq: 03 Jun 2020 10:36

Tgt Ion: 85 Resp: 136820

Ion Ratio Lower Upper

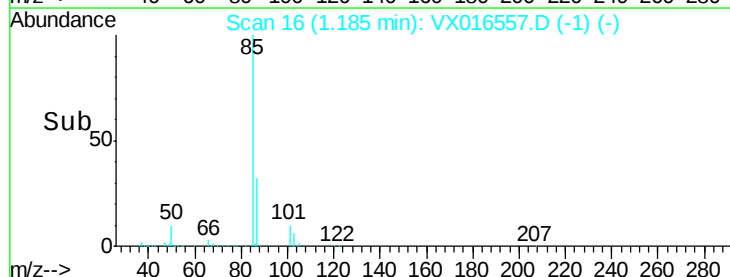
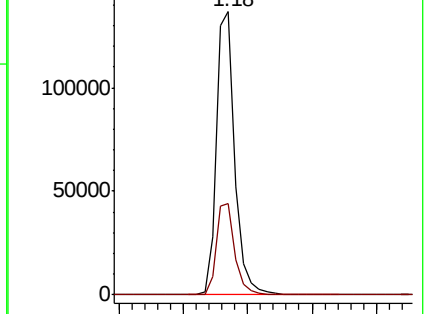
85 100

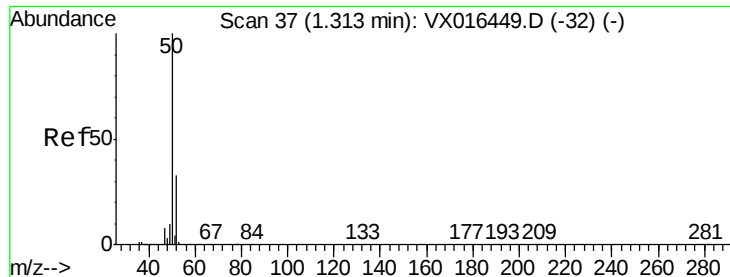
87 32.1 15.4 46.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 46.506 ug/l

RT: 1.31 min Scan# 37

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

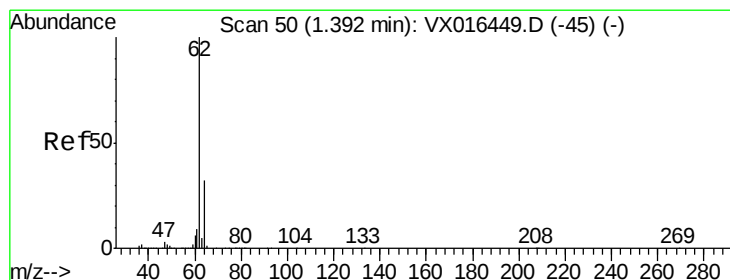
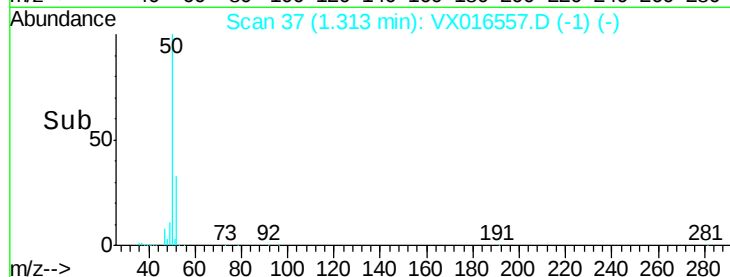
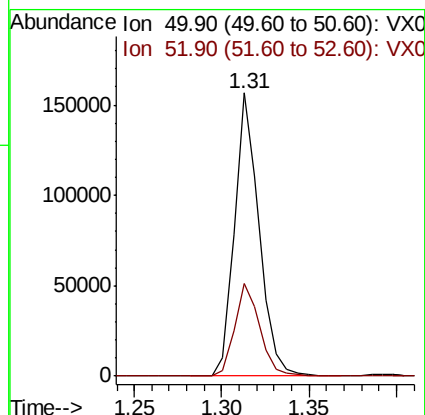
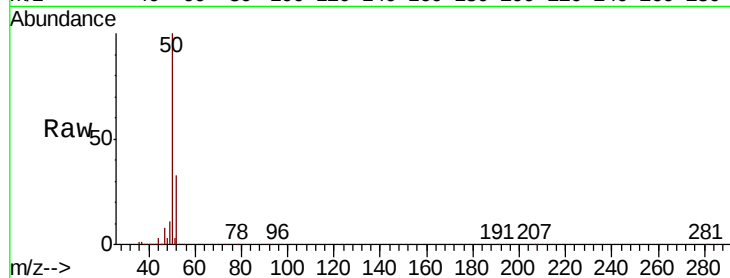
VSTDCCC050

Tot Ion: 50 Resp: 153200

Ion Ratio Lower Upper

50 100

52 32.7 26.2 39.2



#4

Vinyl Chloride

Concen: 48.396 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016557.D

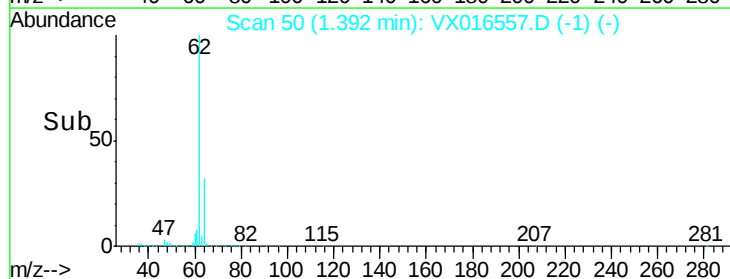
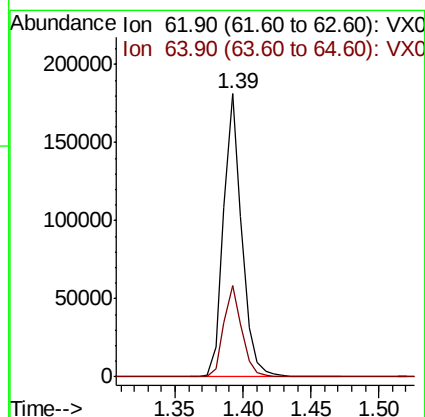
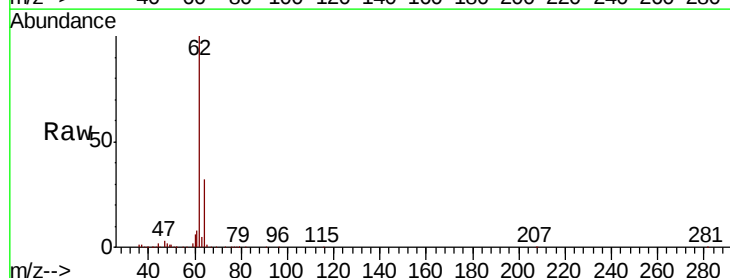
Acq: 03 Jun 2020 10:36

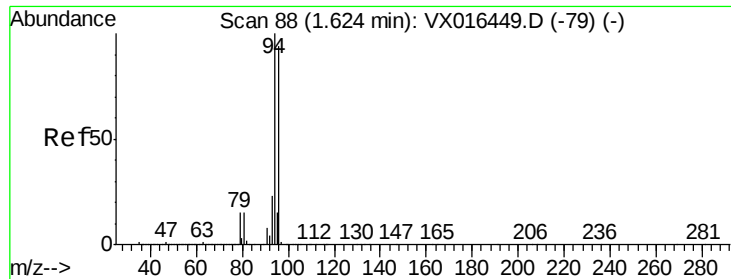
Tgt Ion: 62 Resp: 168597

Ion Ratio Lower Upper

62 100

64 32.4 25.9 38.9





#5

Bromomethane

Concen: 47.741 ug/l

RT: 1.62 min Scan# 88

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

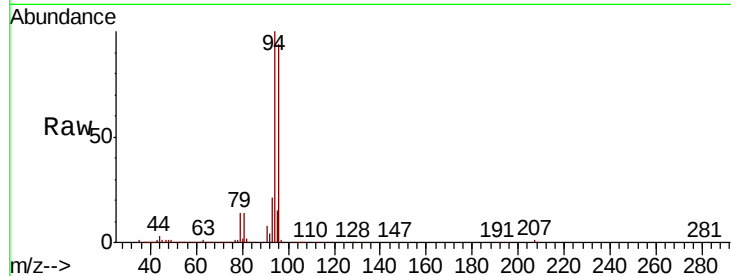
VSTDCCC050

Tot Ion: 94 Resp: 80866

Ion Ratio Lower Upper

94 100

96 93.9 75.1 112.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.62

80000

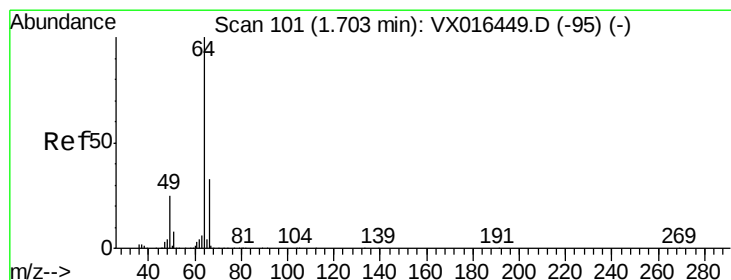
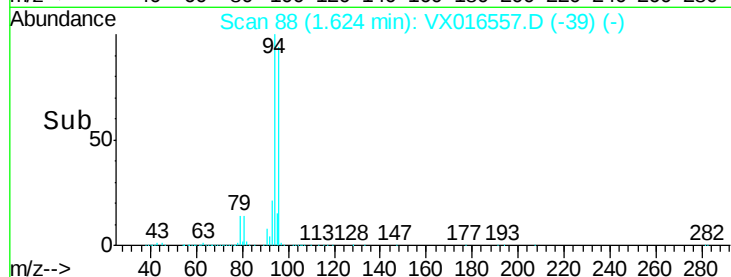
60000

40000

20000

0

Time--> 1.55 1.60 1.65 1.70



#6

Chloroethane

Concen: 49.997 ug/l

RT: 1.70 min Scan# 101

Delta R.T. 0.00 min

Lab File: VX016557.D

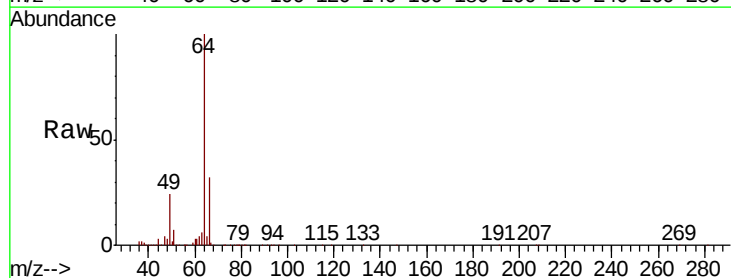
Acq: 03 Jun 2020 10:36

Tgt Ion: 64 Resp: 101601

Ion Ratio Lower Upper

64 100

66 31.7 26.7 40.1



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.70

80000

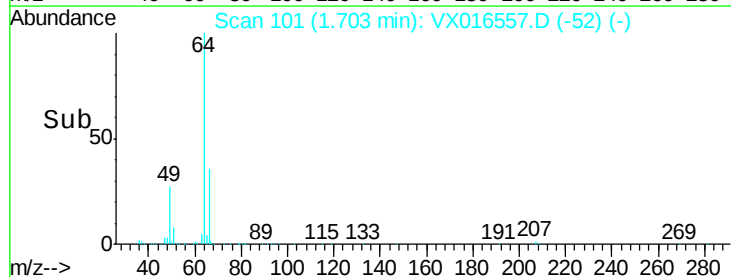
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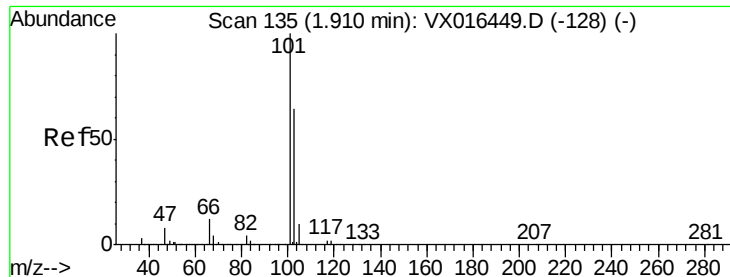
40000

20000

0

Time--> 1.60 1.65 1.70 1.75 1.80



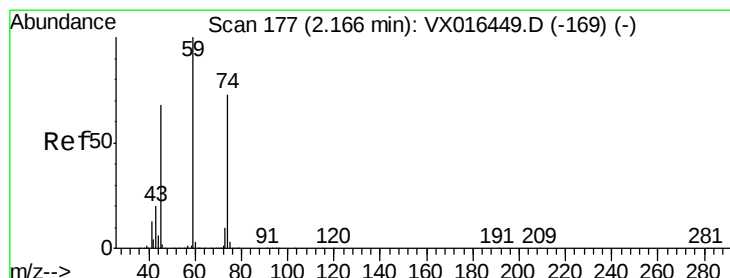
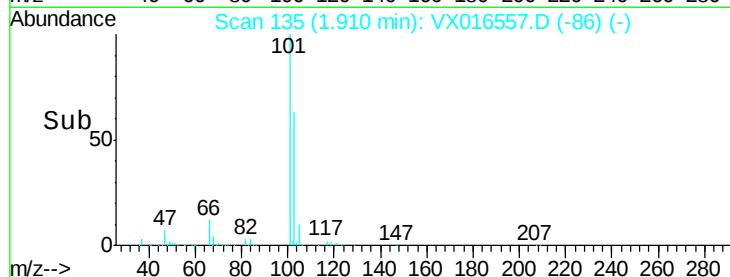
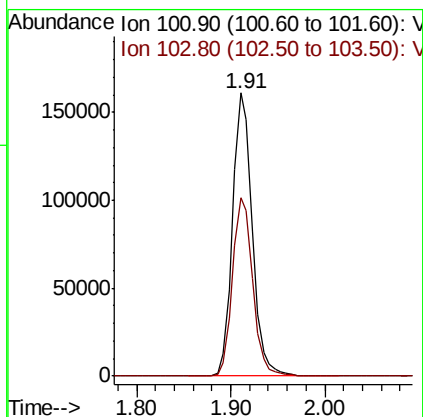
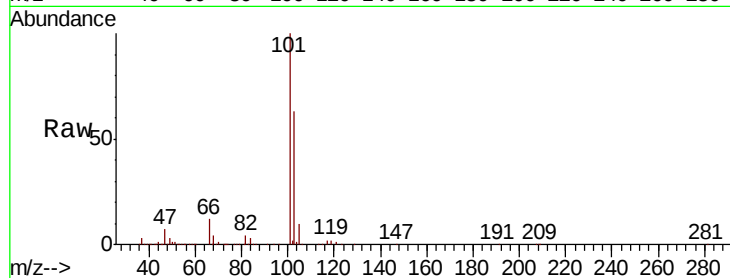


#7

Trichlorofluoromethane
 Concen: 50.902 ug/l
 RT: 1.91 min Scan# 135
 Delta R.T. 0.00 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

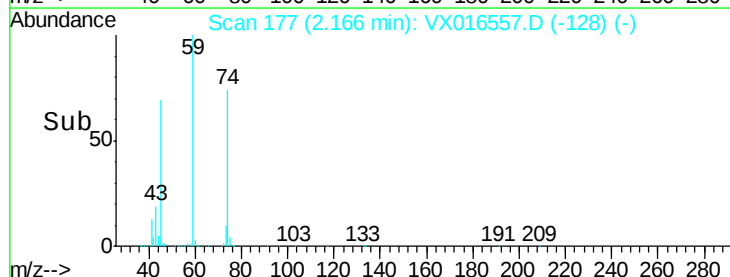
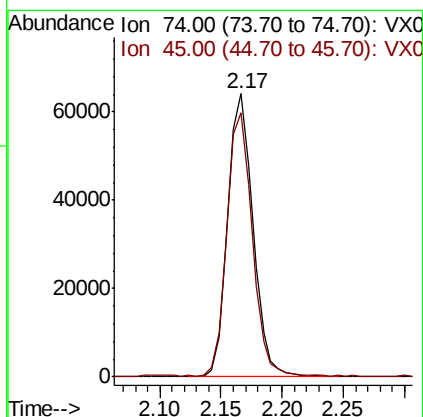
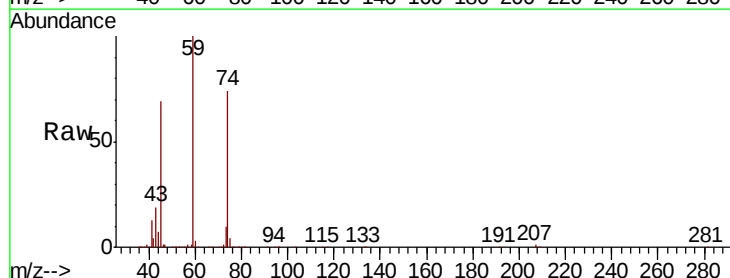
Tot Ion:101 Resp: 232881
 Ion Ratio Lower Upper
 101 100
 103 63.0 50.9 76.3

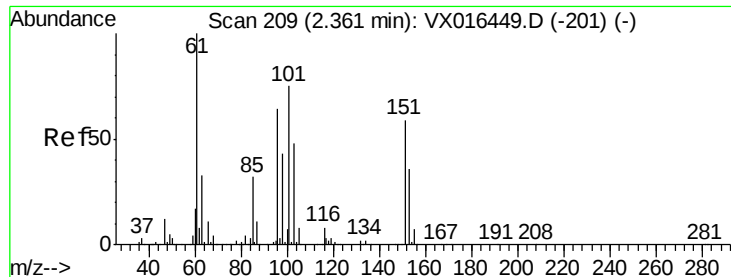


#8

Diethyl Ether
 Concen: 48.118 ug/l
 RT: 2.17 min Scan# 177
 Delta R.T. 0.00 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

Tgt Ion: 74 Resp: 91796
 Ion Ratio Lower Upper
 74 100
 45 93.3 47.5 142.5





#9

1,1,2-Trichlorotrifluoroethane

Concen: 51.645 ug/l

RT: 2.36 min Scan# 209

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

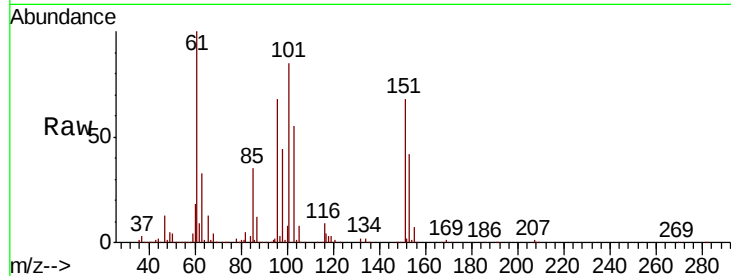
Tot Ion:101 Resp: 130042

Ion Ratio Lower Upper

101 100

85 43.3 34.4 51.6

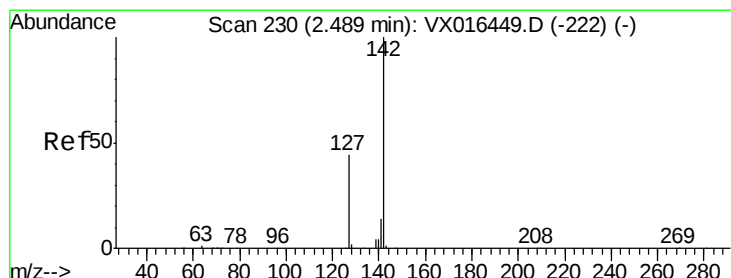
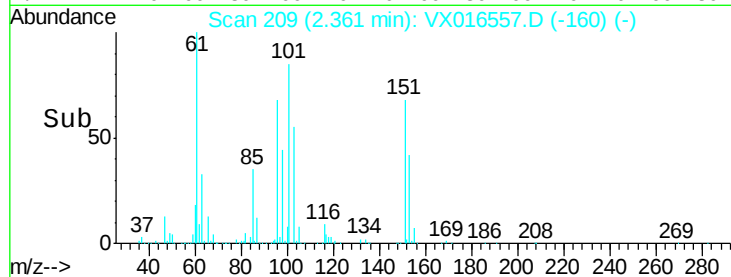
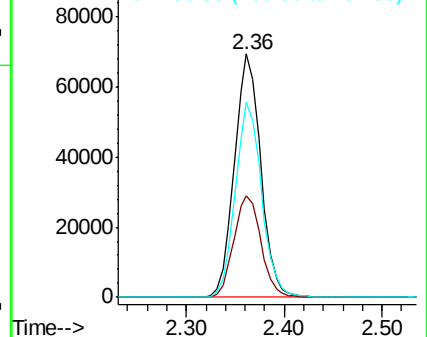
151 79.9 63.8 95.6



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 48.367 ug/l

RT: 2.49 min Scan# 230

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

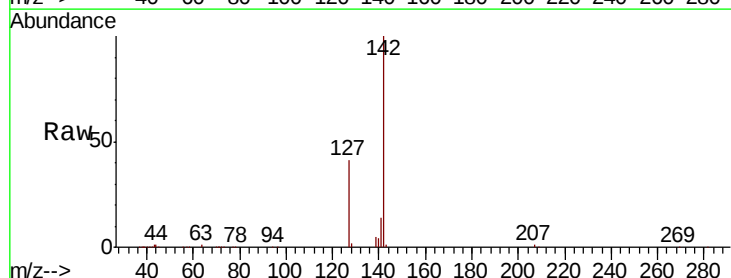
Tgt Ion:142 Resp: 145183

Ion Ratio Lower Upper

142 100

127 42.3 35.3 52.9

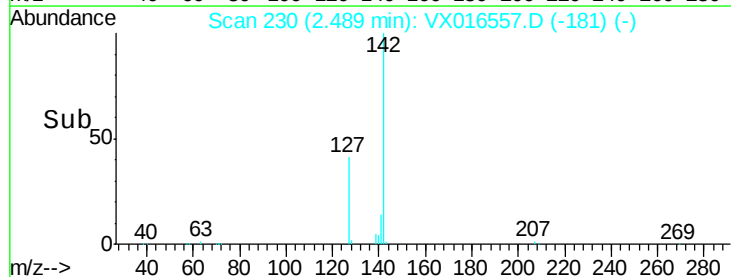
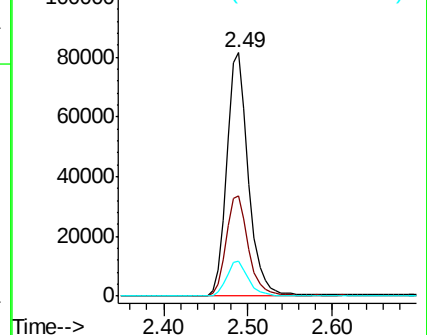
141 14.4 11.4 17.2

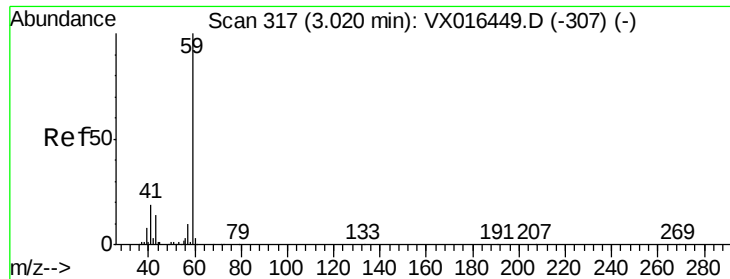


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



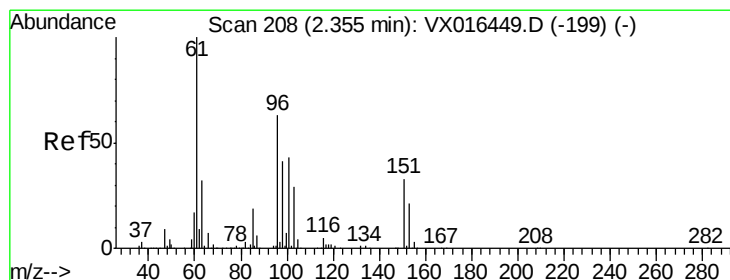
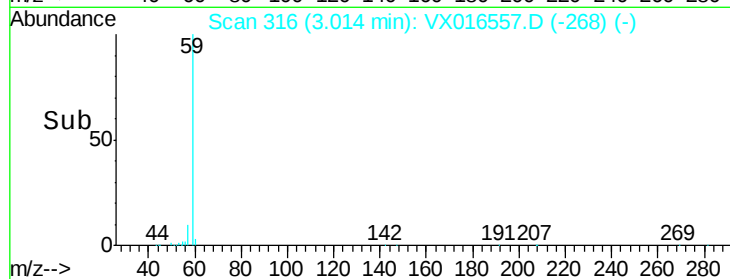
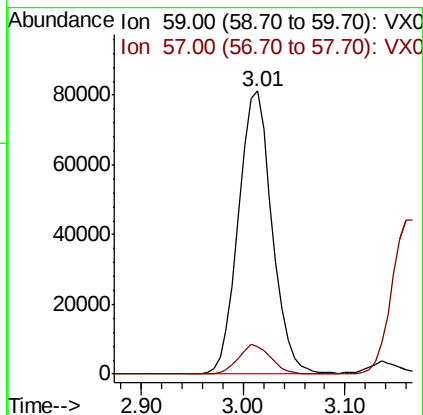
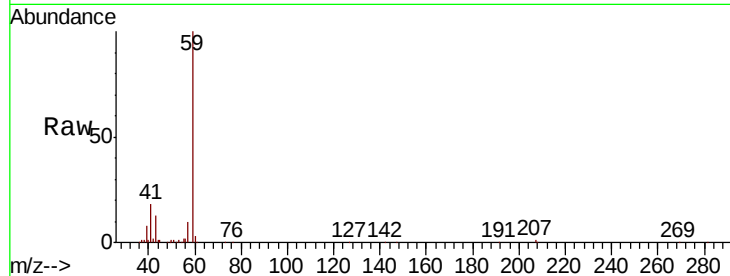


#11

Tert butyl alcohol
 Concen: 210.916 ug/l
 RT: 3.01 min Scan# 316
 Delta R.T. -0.01 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

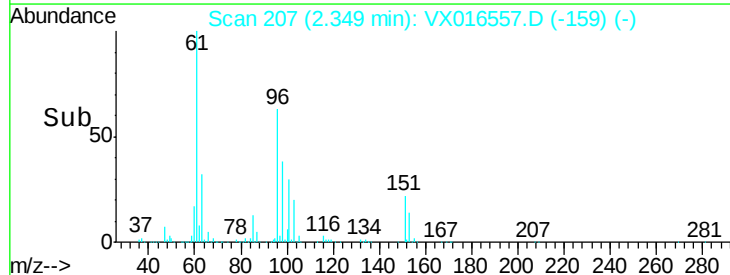
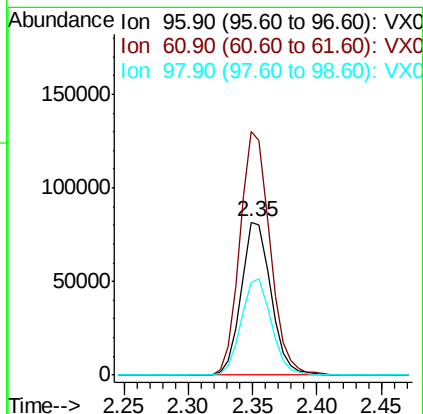
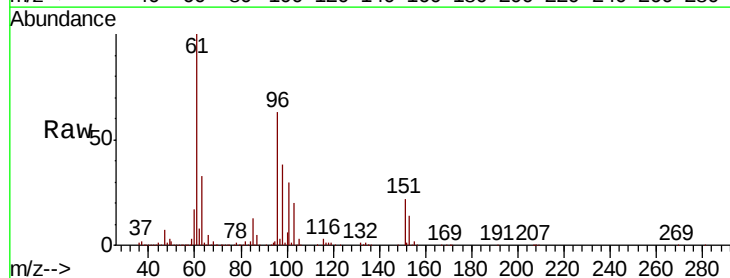
Tot Ion: 59 Resp: 186049
 Ion Ratio Lower Upper
 59 100
 57 10.3 8.2 12.4

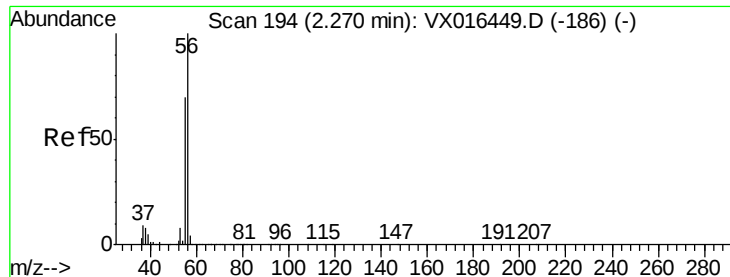


#12

1,1-Dichloroethene
 Concen: 48.687 ug/l
 RT: 2.35 min Scan# 207
 Delta R.T. -0.01 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

Tgt Ion: 96 Resp: 129766
 Ion Ratio Lower Upper
 96 100
 61 159.5 126.6 189.8
 98 60.9 51.3 76.9





#13

Acrolein

Concen: 256.626 ug/l

RT: 2.27 min Scan# 194

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

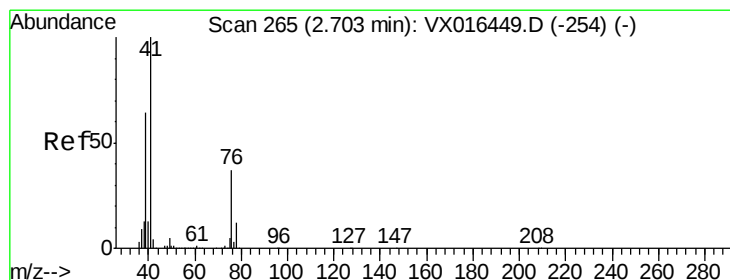
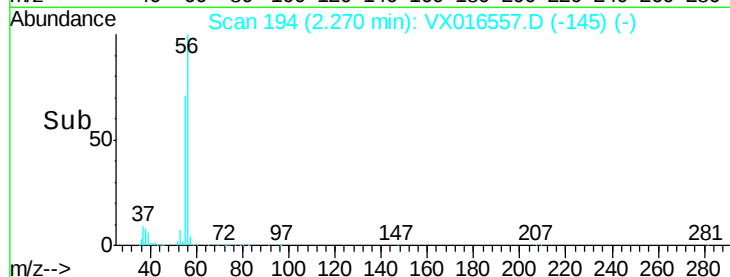
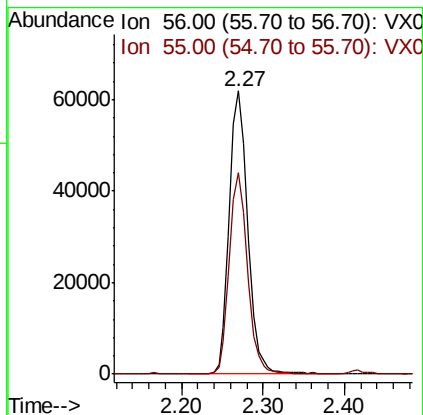
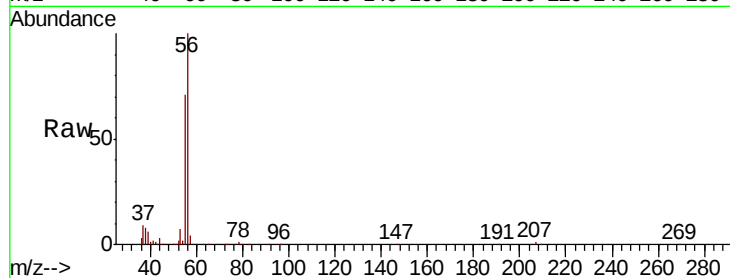
VSTDCCC050

Tot Ion: 56 Resp: 96295

Ion Ratio Lower Upper

56 100

55 70.0 58.3 87.5



#14

Allyl chloride

Concen: 47.013 ug/l

RT: 2.70 min Scan# 265

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

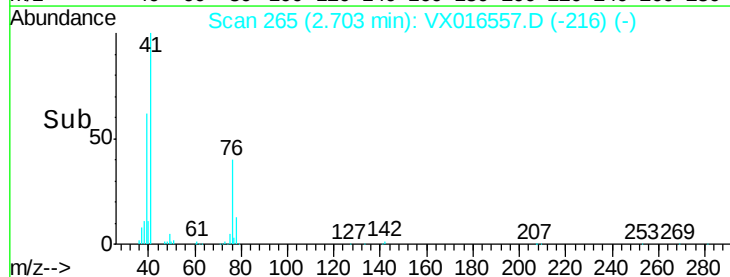
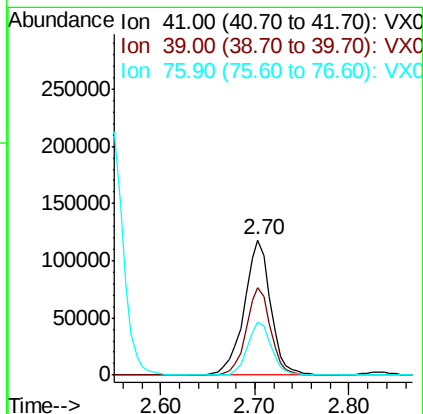
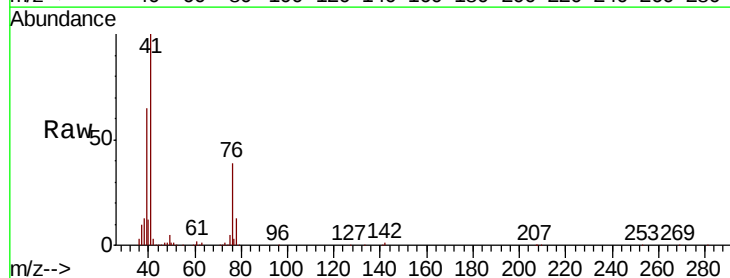
Tgt Ion: 41 Resp: 230442

Ion Ratio Lower Upper

41 100

39 59.7 47.7 71.5

76 35.1 26.6 40.0

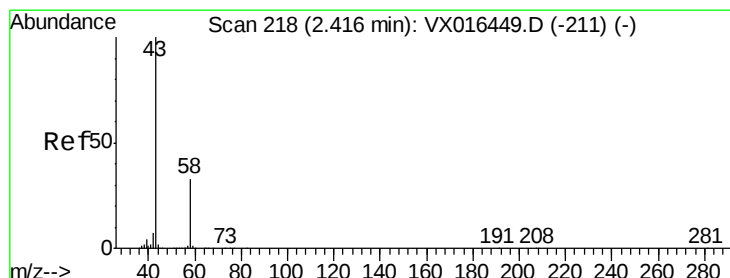
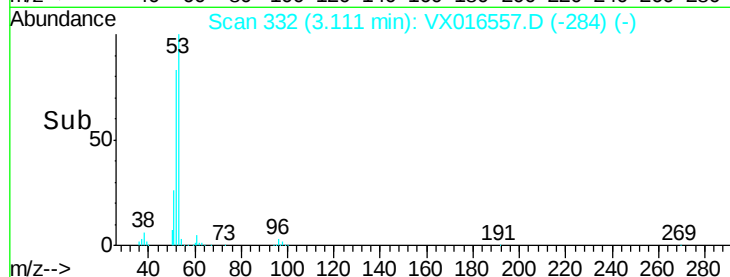
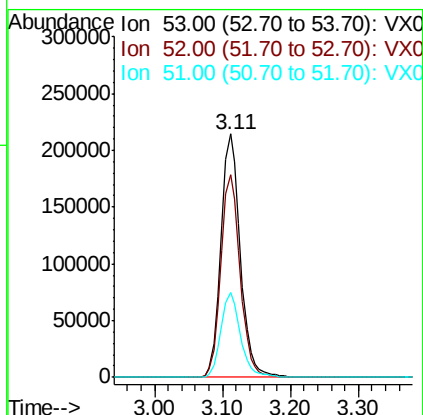
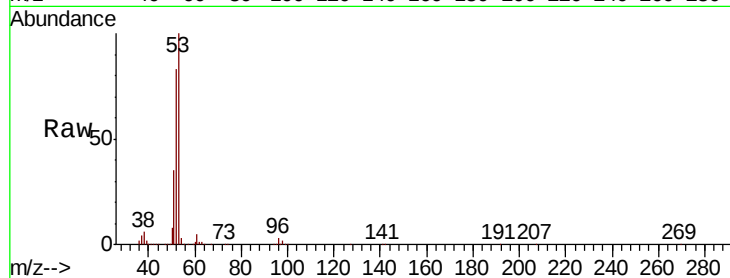




#15
 Acrylonitrile
 Concen: 234.935 ug/l
 RT: 3.11 min Scan# 332
 Delta R.T. -0.01 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

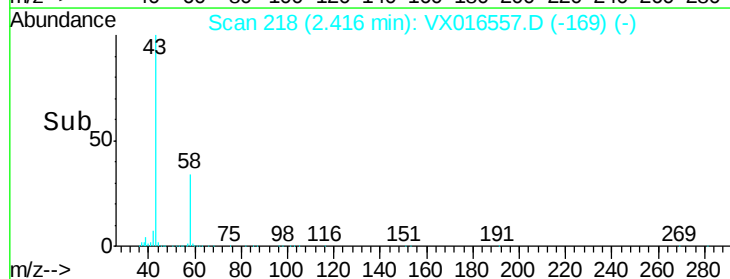
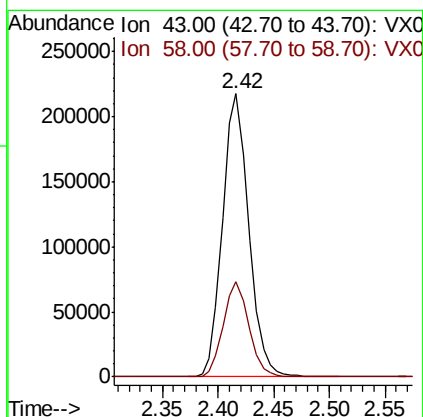
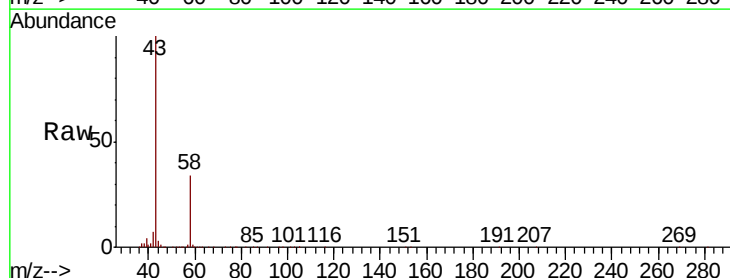
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

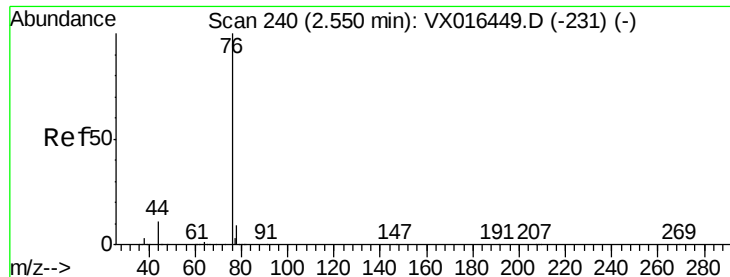
Tot Ion	53	Resp	424511
Ion Ratio	Lower	Upper	
53	100		
52	82.8	66.7	100.1
51	35.3	28.6	43.0



#16
 Acetone
 Concen: 234.456 ug/l
 RT: 2.42 min Scan# 218
 Delta R.T. 0.00 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

Tgt Ion	43	Resp	353350
Ion Ratio	Lower	Upper	
43	100		
58	33.6	26.1	39.1

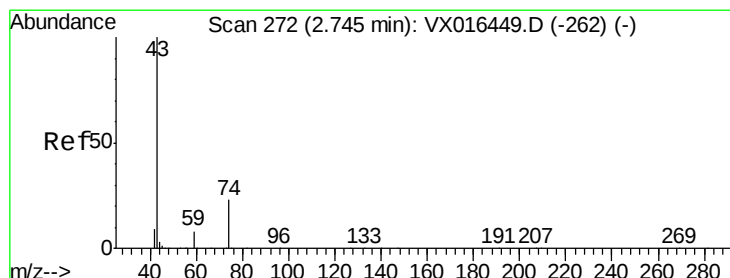
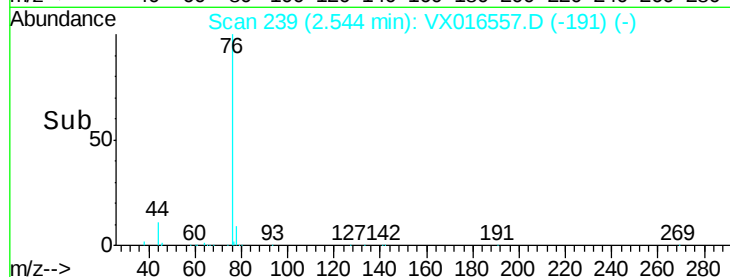
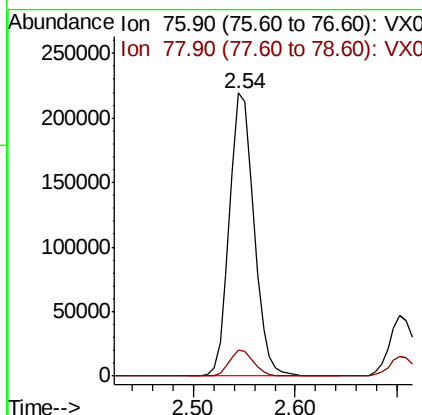
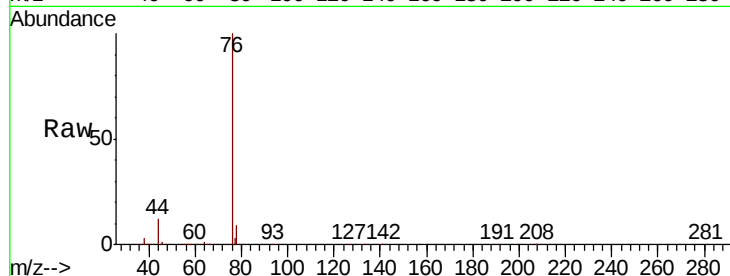




#17
Carbon Disulfide
Concen: 46.148 ug/l
RT: 2.54 min Scan# 239
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

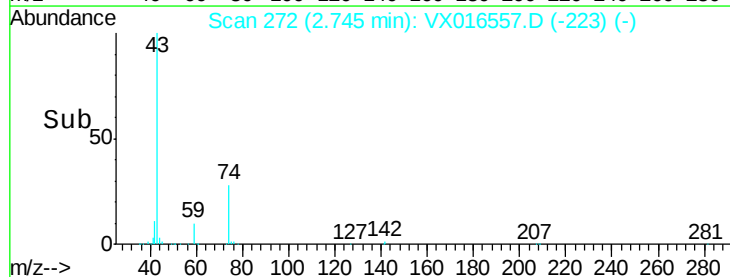
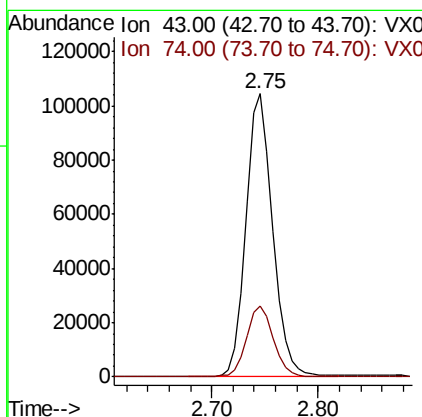
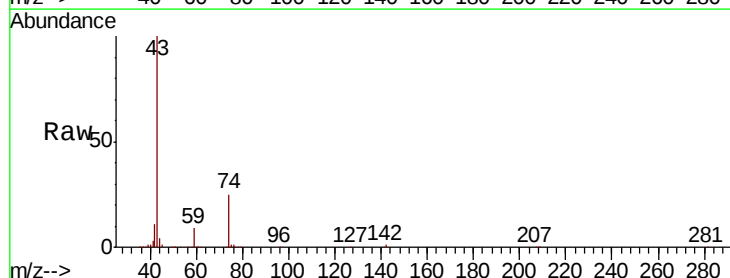
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

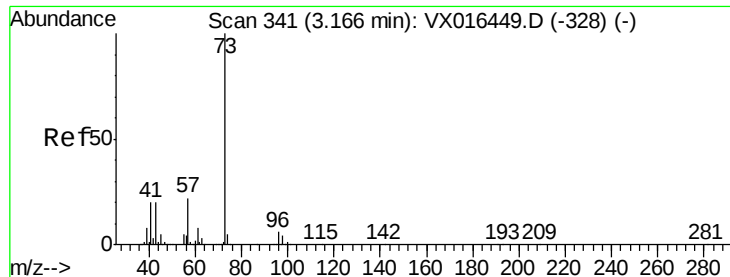
Tot Ion: 76 Resp: 365257
Ion Ratio Lower Upper
76 100
78 9.4 7.4 11.0



#18
Methyl Acetate
Concen: 47.470 ug/l
RT: 2.75 min Scan# 272
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion: 43 Resp: 183493
Ion Ratio Lower Upper
43 100
74 25.7 19.7 29.5

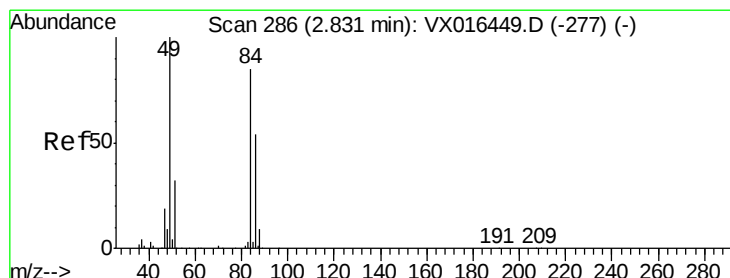
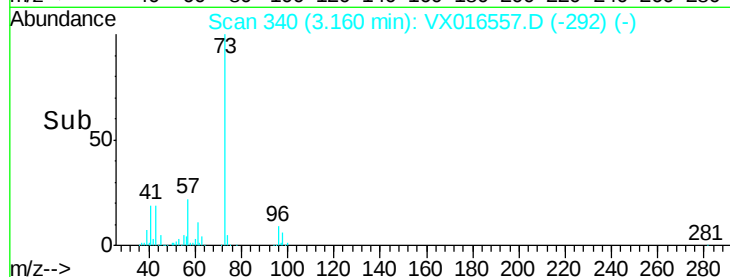
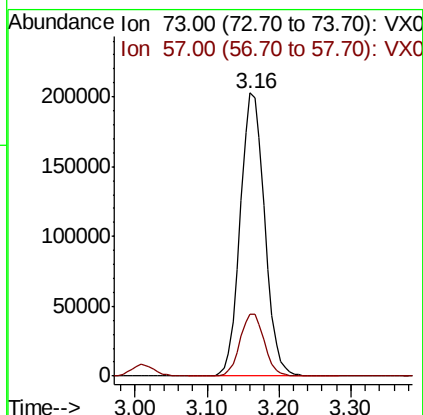
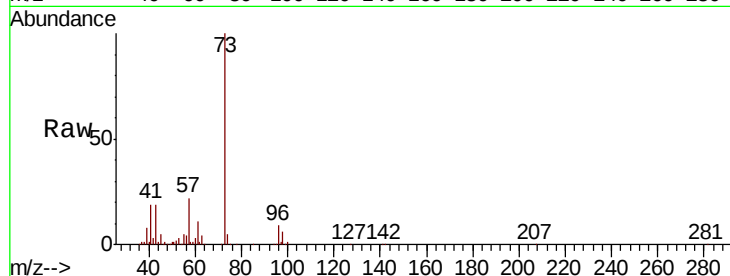




#19
Methyl tert-butyl Ether
Concen: 49.706 ug/l
RT: 3.16 min Scan# 340
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

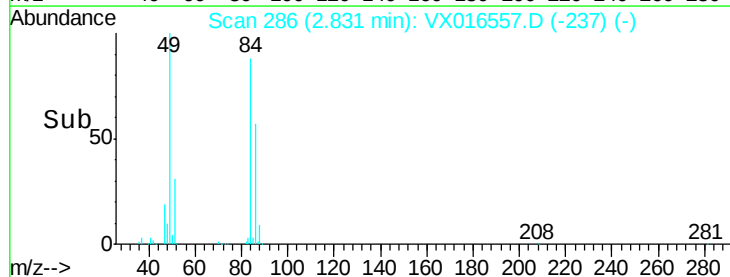
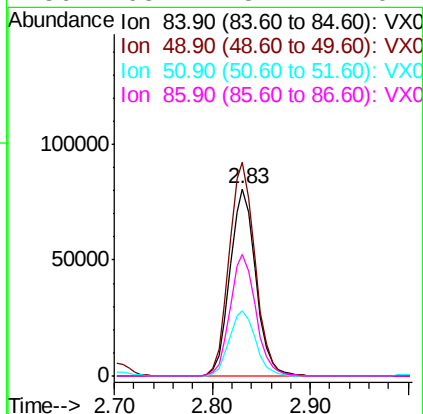
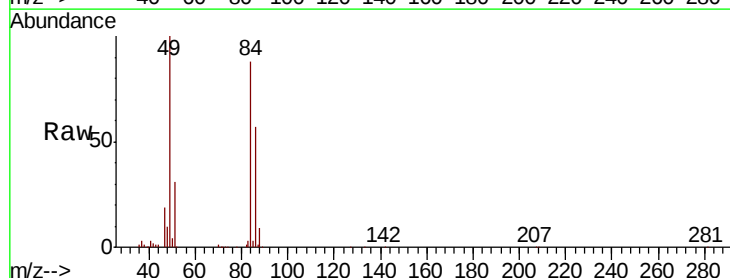
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 73 Resp: 475725
Ion Ratio Lower Upper
73 100
57 21.8 17.8 26.6



#20
Methylene Chloride
Concen: 47.338 ug/l
RT: 2.83 min Scan# 286
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion: 84 Resp: 147605
Ion Ratio Lower Upper
84 100
49 114.0 94.5 141.7
51 35.2 30.2 45.4
86 65.2 51.1 76.7





#21

trans-1,2-Dichloroethene

Concen: 48.228 ug/l

RT: 3.14 min Scan# 336

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

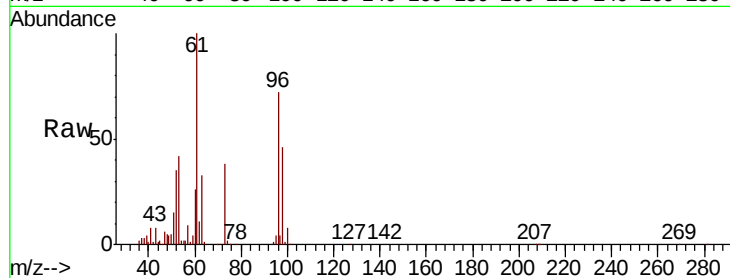
Tot Ion: 96 Resp: 142180

Ion Ratio Lower Upper

96 100

61 138.7 115.3 172.9

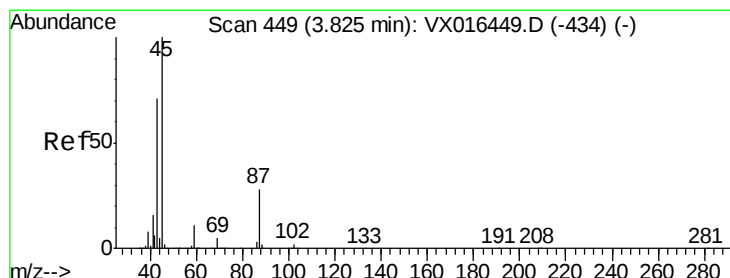
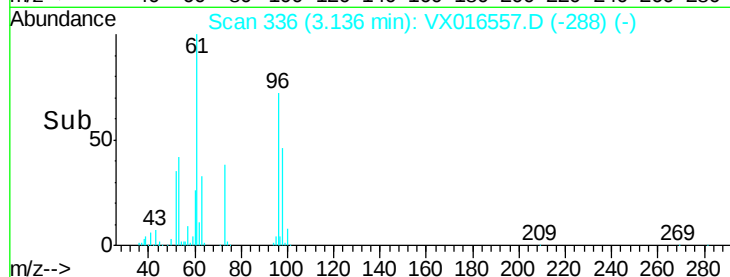
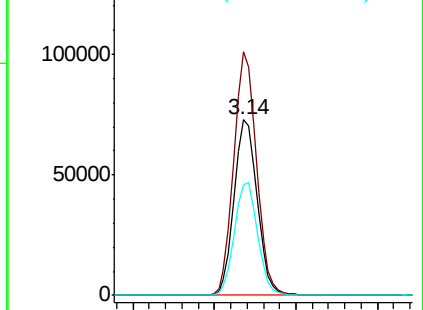
98 63.2 51.9 77.9



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 47.313 ug/l

RT: 3.82 min Scan# 448

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Tgt Ion: 45 Resp: 445509

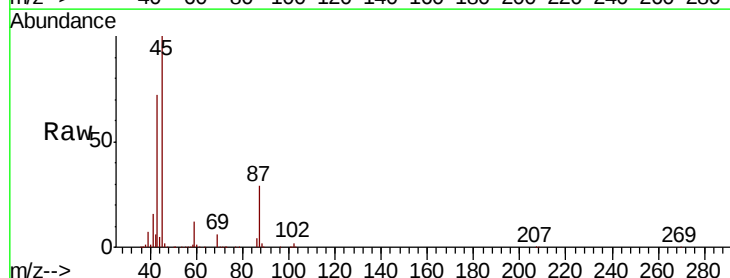
Ion Ratio Lower Upper

45 100

43 71.4 57.0 85.6

87 29.2 22.5 33.7

59 12.0 9.1 13.7

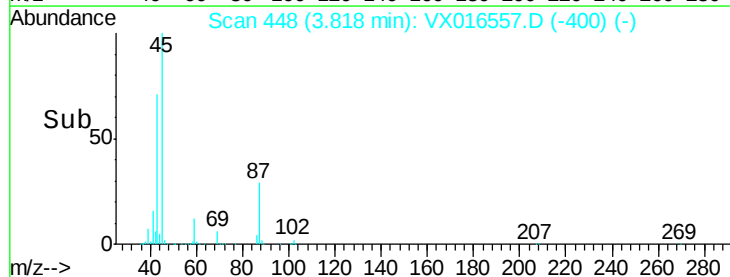
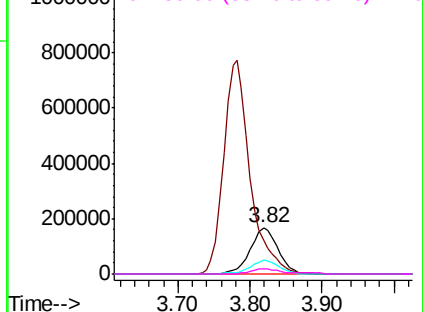


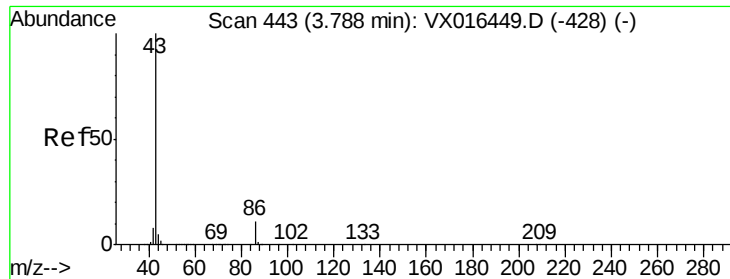
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 238.870 ug/l

RT: 3.78 min Scan# 442

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

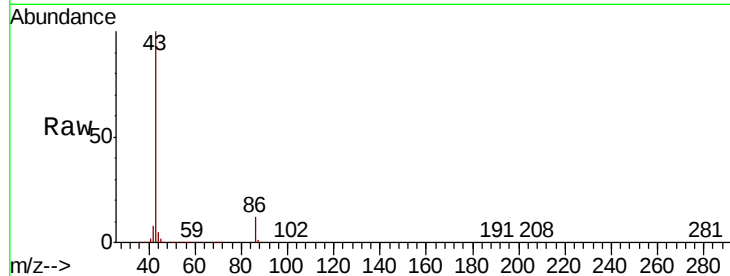
VSTDCCC050

Tot Ion: 43 Resp: 1968769

Ion Ratio Lower Upper

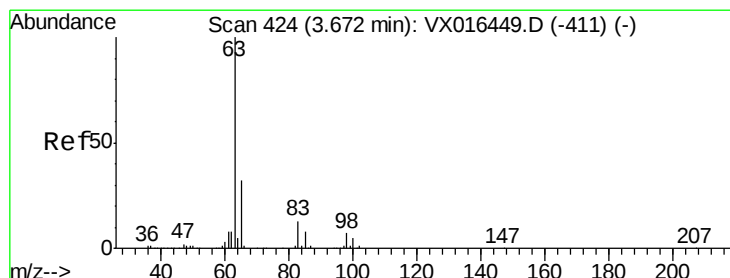
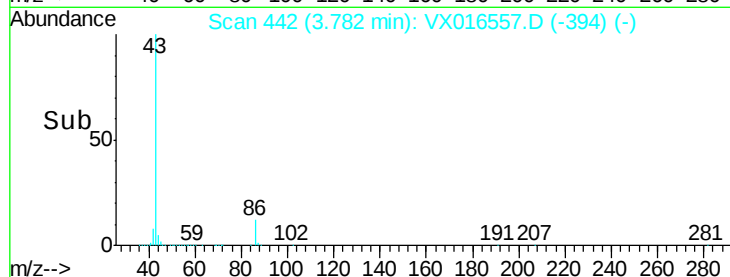
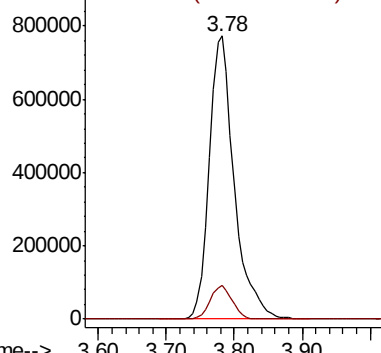
43 100

86 11.8 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.434 ug/l

RT: 3.67 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

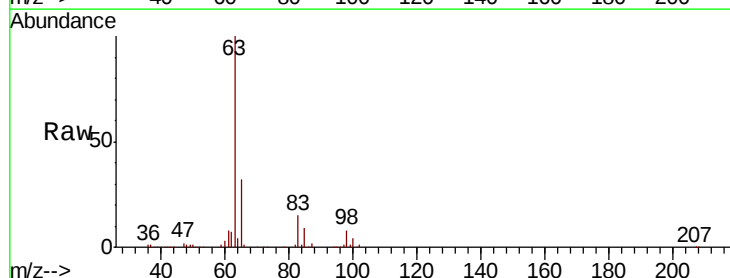
Tgt Ion: 63 Resp: 257407

Ion Ratio Lower Upper

63 100

98 7.6 3.6 10.9

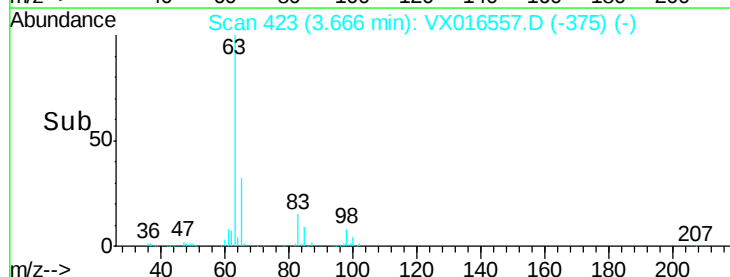
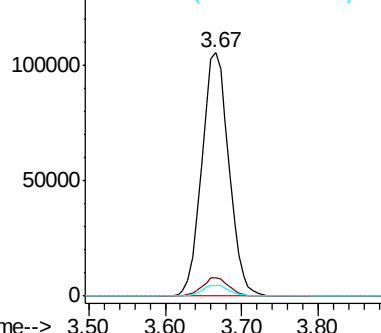
100 4.4 2.4 7.1

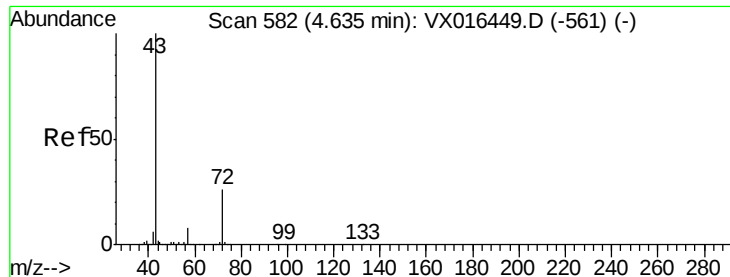


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

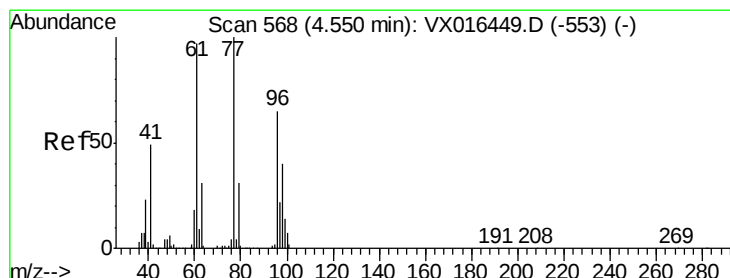
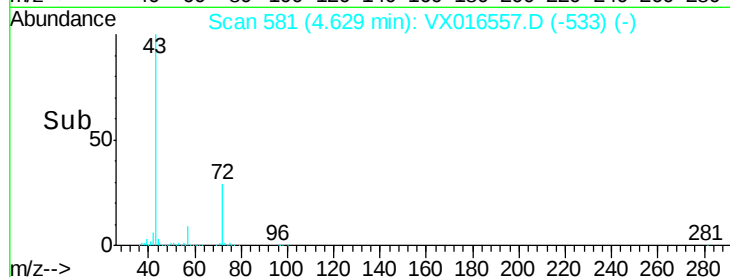
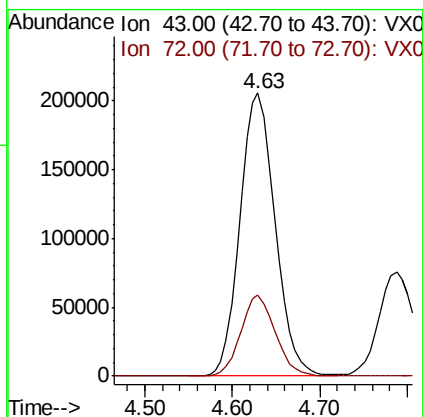
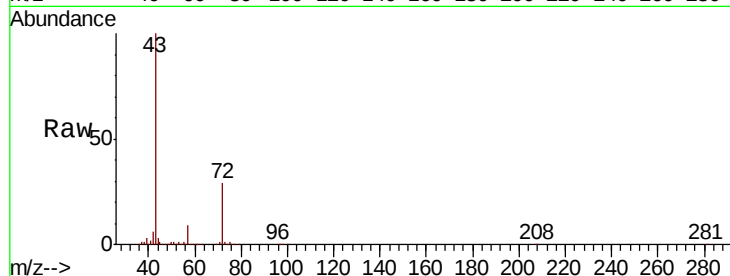




#25
2-Butanone
Concen: 224.829 ug/l
RT: 4.63 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

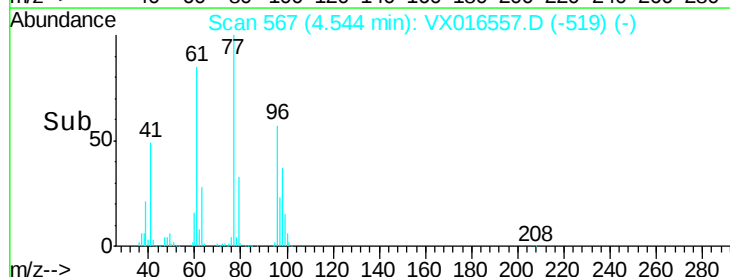
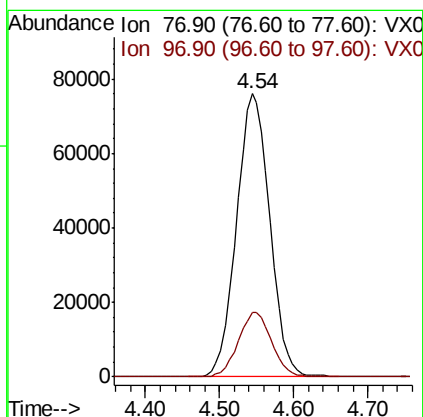
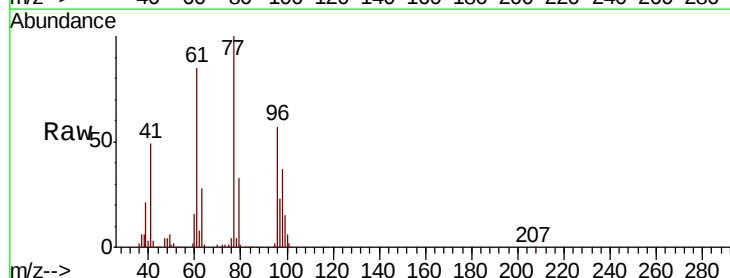
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

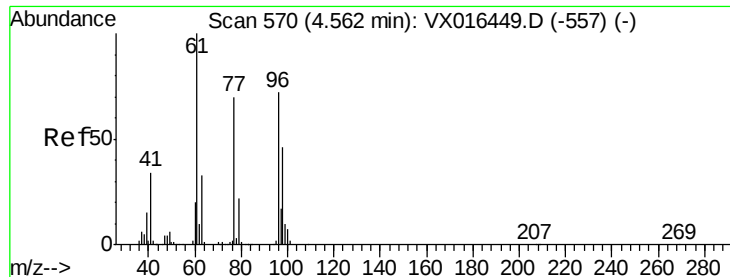
Tot Ion: 43 Resp: 574154
Ion Ratio Lower Upper
43 100
72 28.5 21.0 31.6



#26
2,2-Dichloropropane
Concen: 54.746 ug/l
RT: 4.54 min Scan# 567
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion: 77 Resp: 238084
Ion Ratio Lower Upper
77 100
97 22.9 11.5 34.4



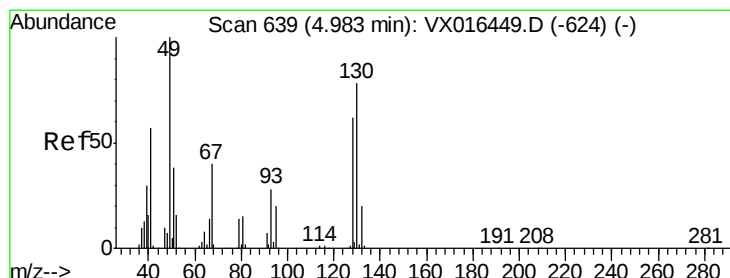
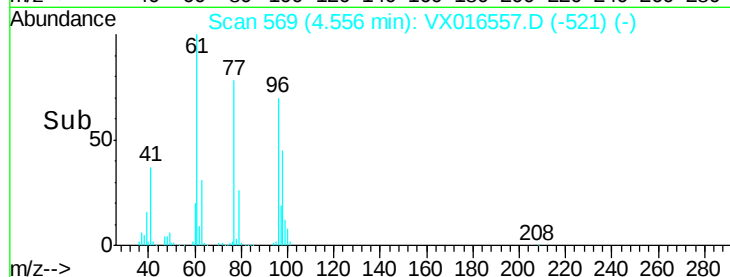
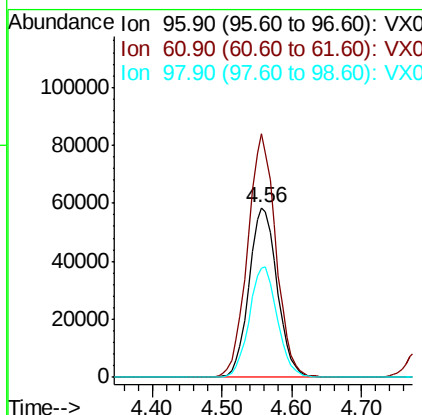
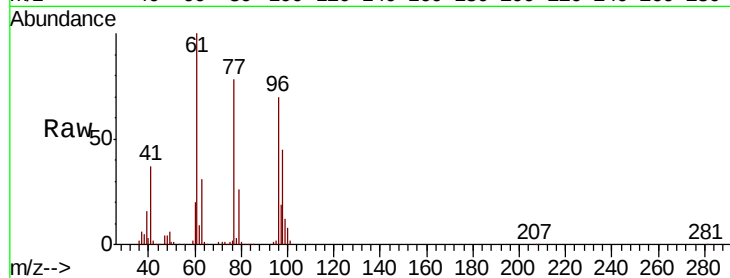


#27

cis-1,2-Dichloroethene
Concen: 48.070 ug/l
RT: 4.56 min Scan# 569
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

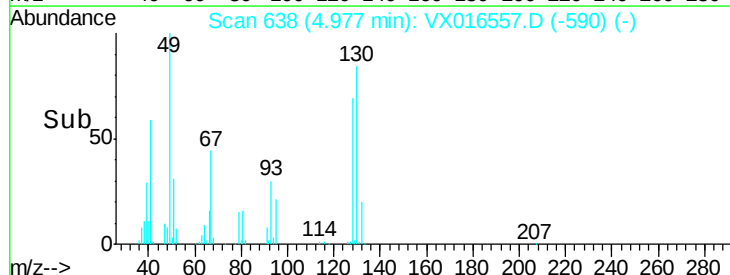
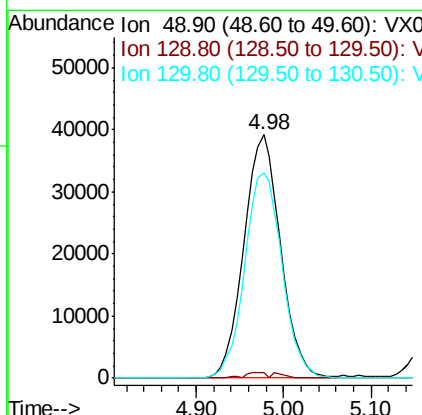
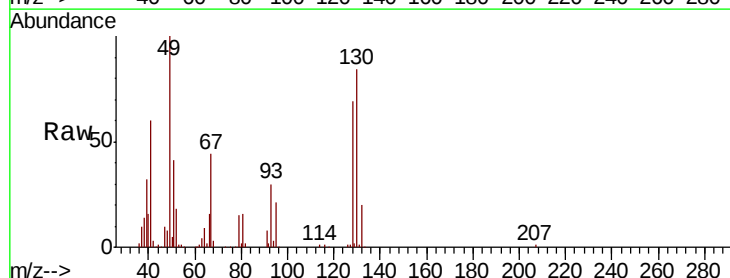
Tot Ion	96	Resp	163947
Ion Ratio	Lower	Upper	
96	100		
61	143.2	0.0	284.6
98	64.4	0.0	127.2



#28

Bromochloromethane
Concen: 46.434 ug/l
RT: 4.98 min Scan# 638
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion	49	Resp	114680
Ion Ratio	Lower	Upper	
49	100		
129	1.2	0.0	4.0
130	86.1	63.0	94.4

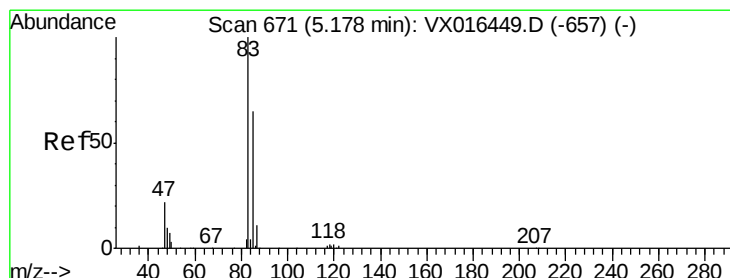
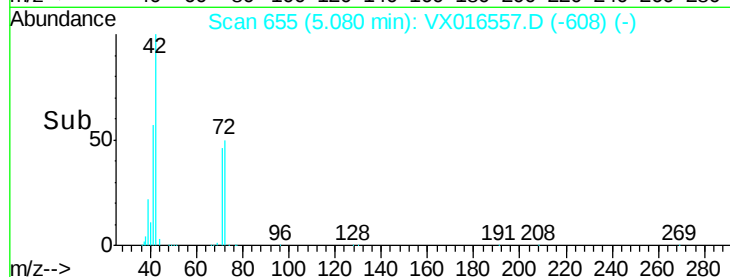
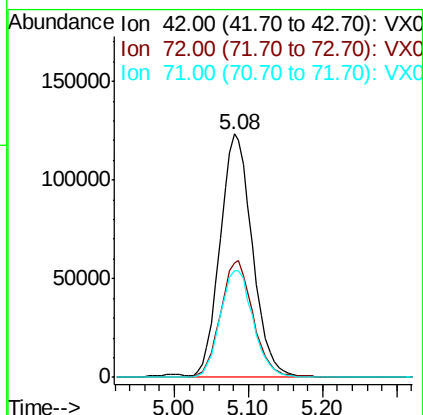
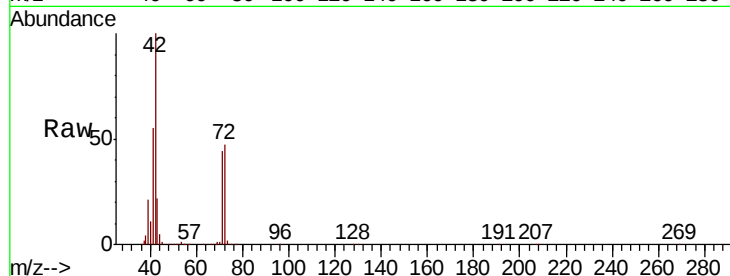




#29
Tetrahydrofuran
Concen: 225.312 ug/l
RT: 5.08 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

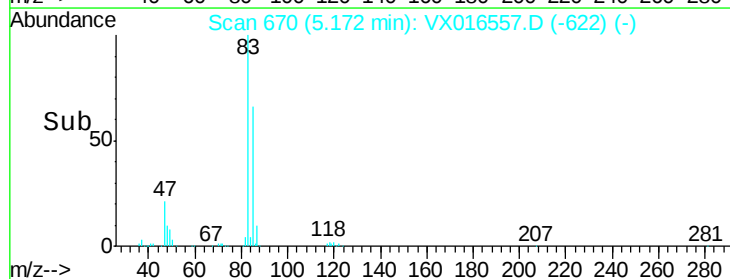
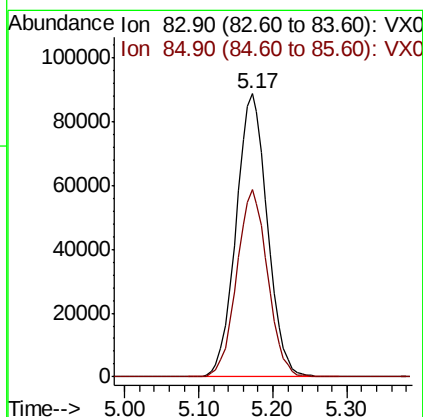
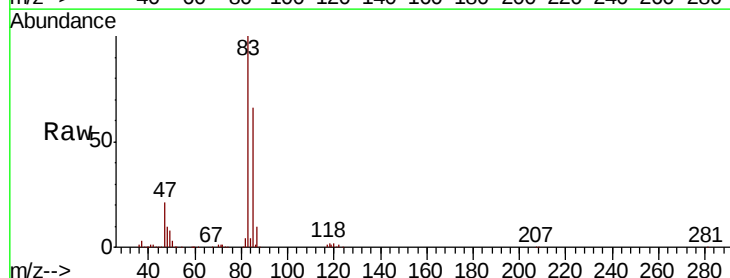
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

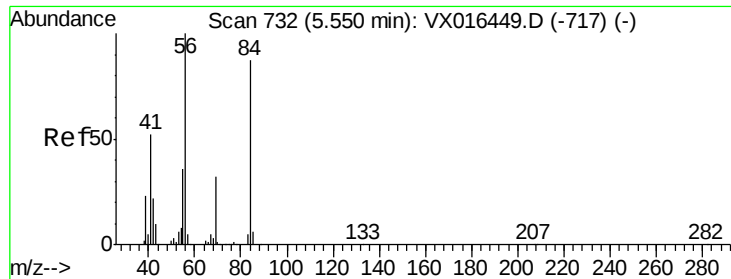
Tot Ion	Ratio	Lower	Upper
42	100		
72	48.7	37.0	55.4
71	45.1	34.1	51.1



#30
Chloroform
Concen: 48.934 ug/l
RT: 5.17 min Scan# 670
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion	Ratio	Lower	Upper
83	100		
85	66.3	52.0	78.0

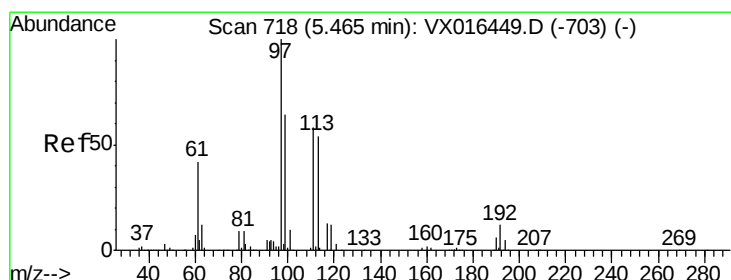
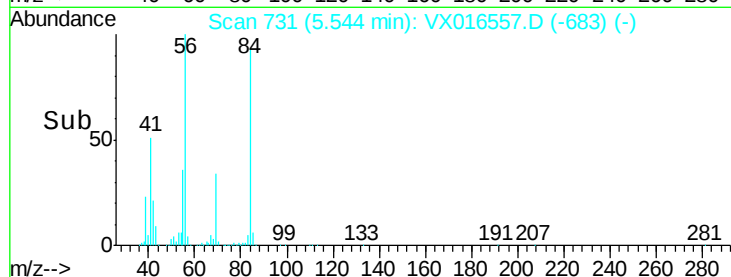
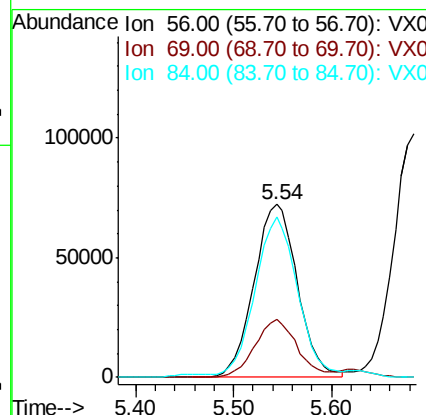
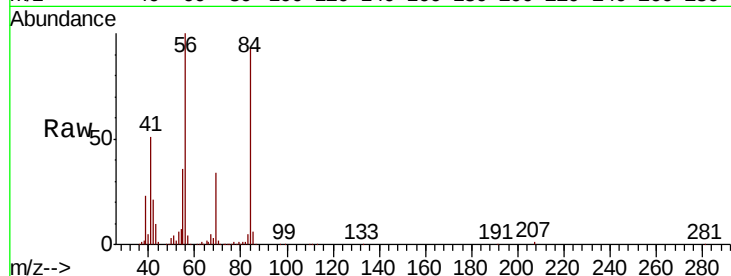




#31
Cyclohexane
Concen: 46.635 ug/l
RT: 5.54 min Scan# 731
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

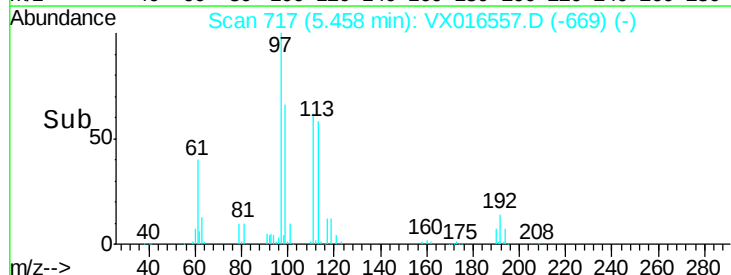
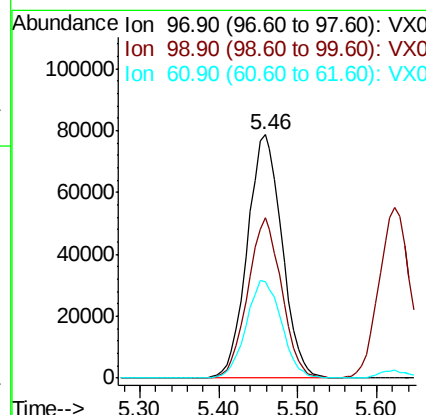
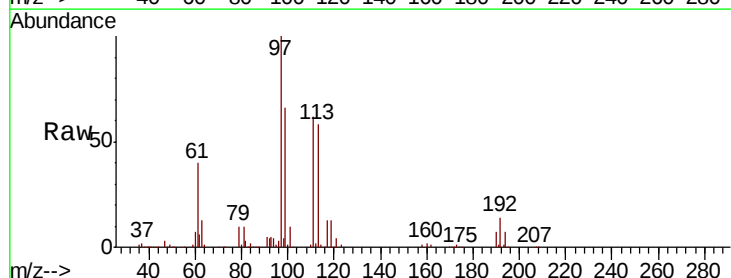
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 56 Resp: 222974
Ion Ratio Lower Upper
56 100
69 33.8 25.7 38.5
84 90.9 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 49.584 ug/l
RT: 5.46 min Scan# 717
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion: 97 Resp: 240388
Ion Ratio Lower Upper
97 100
99 64.3 51.4 77.2
61 40.6 33.5 50.3

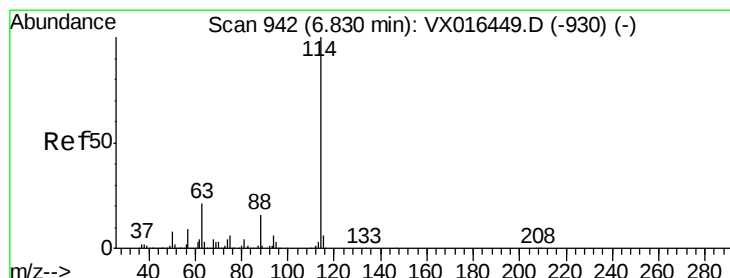
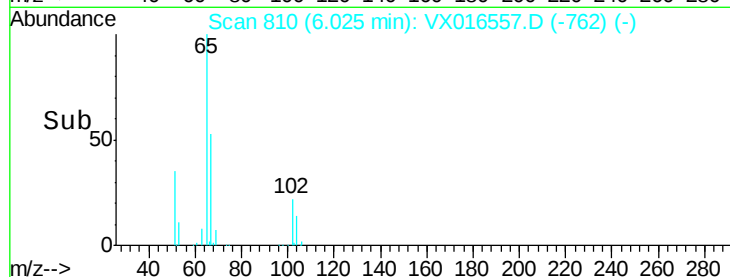
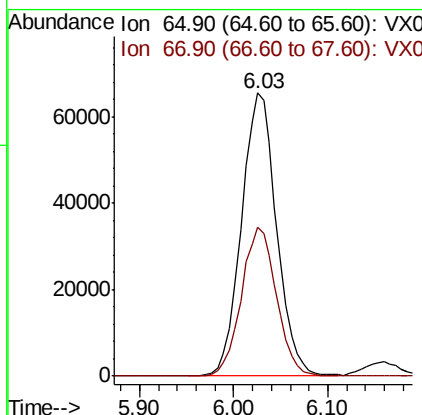
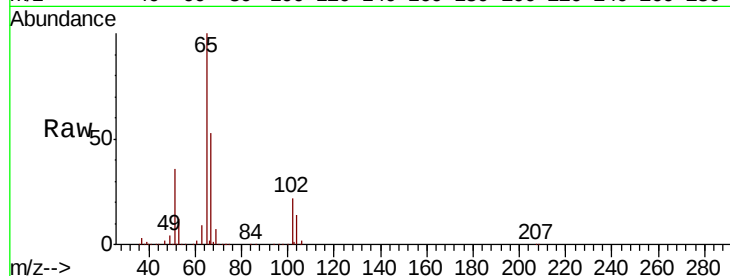




#33
 1,2-Dichloroethane-d4
 Concen: 49.662 ug/l
 RT: 6.03 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

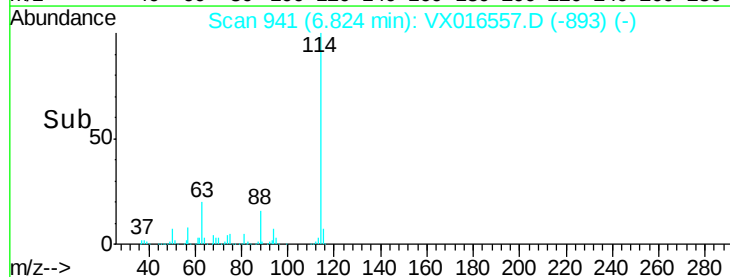
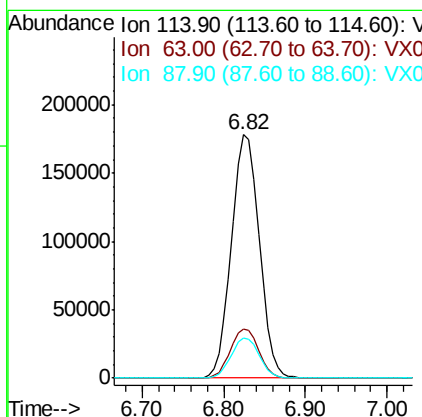
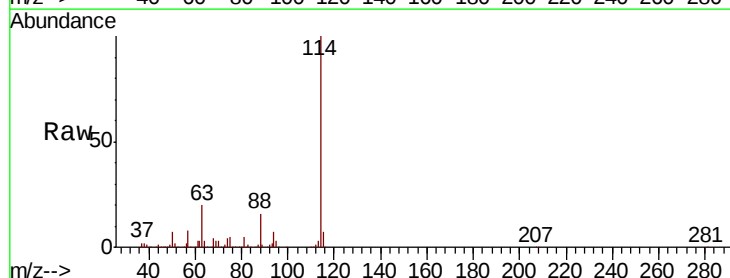
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 65 Resp: 170832
 Ion Ratio Lower Upper
 65 100
 67 52.5 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.82 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

Tgt Ion: 114 Resp: 421816
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 42.6
 88 16.3 0.0 32.8

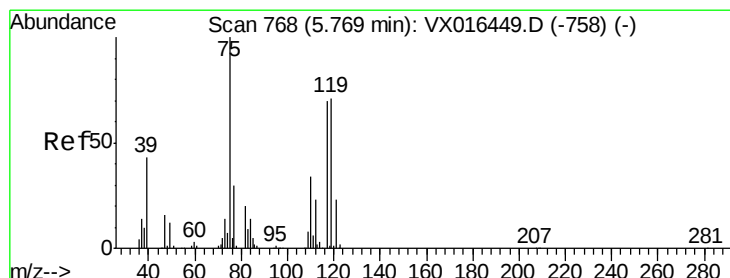
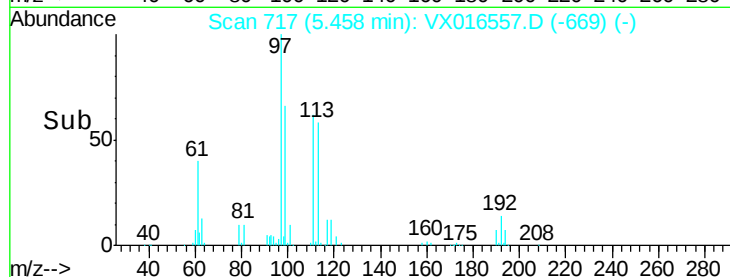
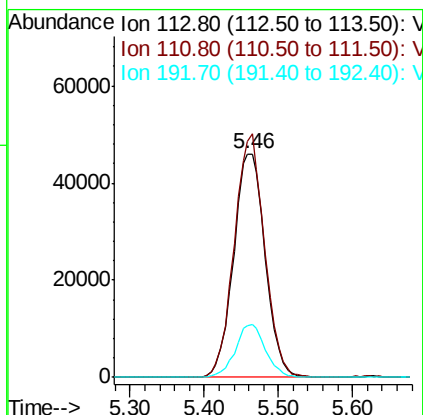
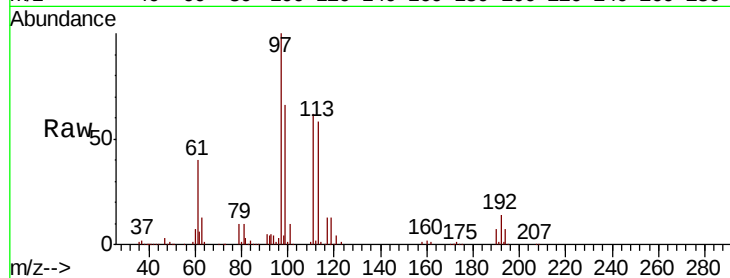




#35
 Dibromofluoromethane
 Concen: 52.636 ug/l
 RT: 5.46 min Scan# 717
 Delta R.T. -0.01 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

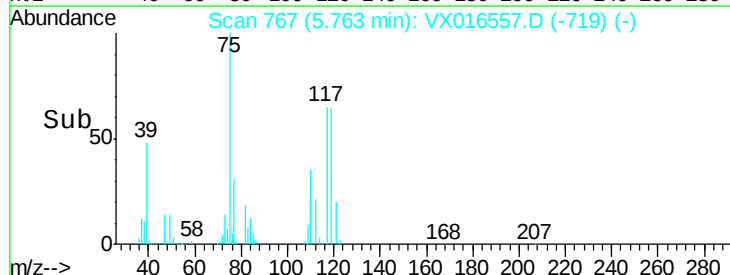
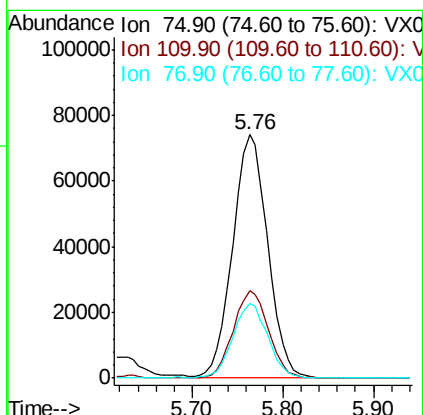
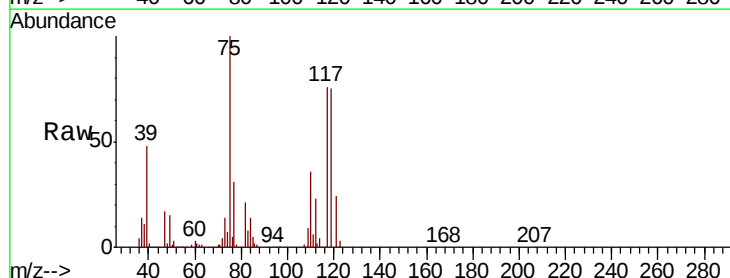
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

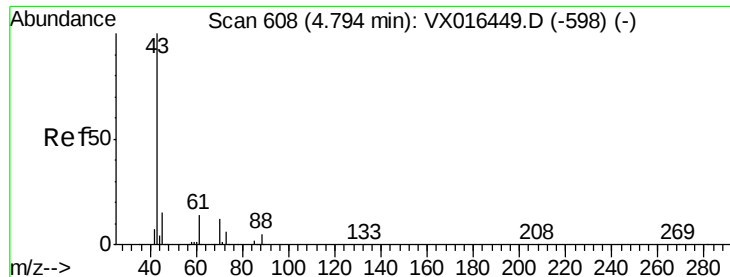
Tot Ion:113 Resp: 136711
 Ion Ratio Lower Upper
 113 100
 111 104.5 83.0 124.6
 192 22.6 17.7 26.5



#36
 1,1-Dichloropropene
 Concen: 49.662 ug/l
 RT: 5.76 min Scan# 767
 Delta R.T. -0.01 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

Tgt Ion: 75 Resp: 198339
 Ion Ratio Lower Upper
 75 100
 110 36.1 17.4 52.3
 77 30.8 24.2 36.4

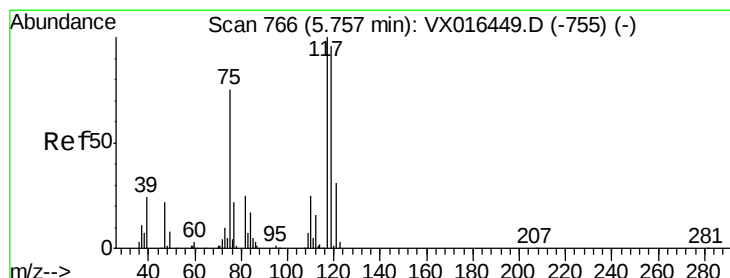
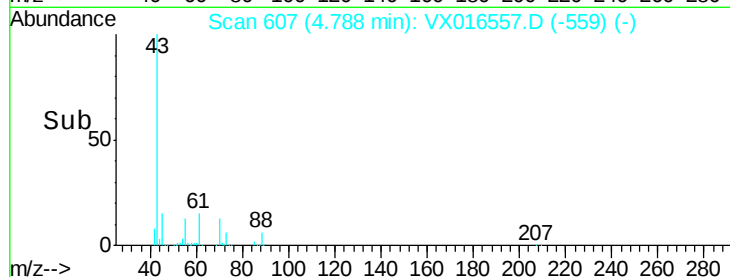
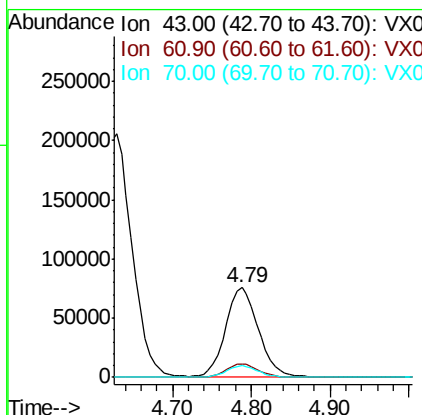
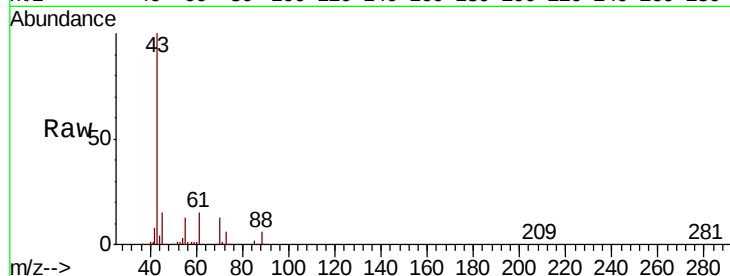




#37
Ethyl Acetate
Concen: 45.656 ug/l
RT: 4.79 min Scan# 607
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

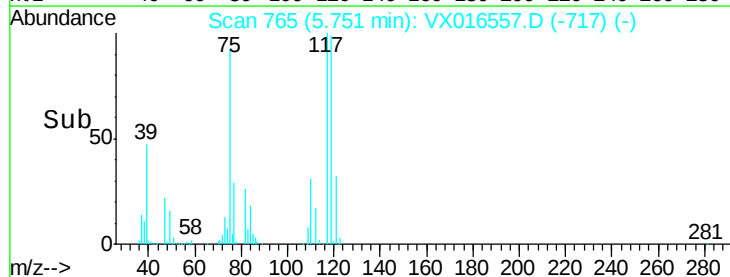
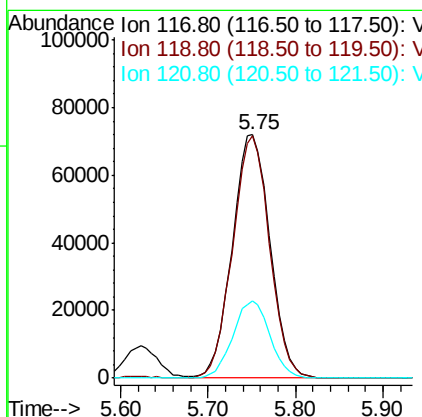
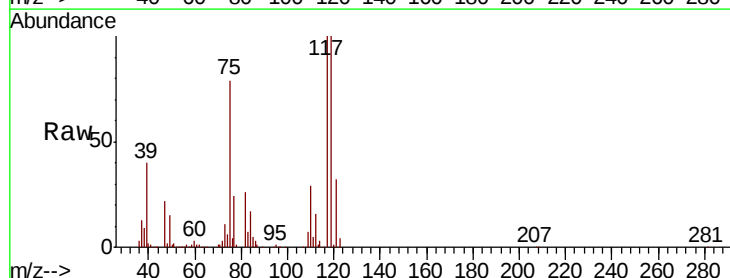
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion	43	Resp	218917
Ion Ratio	Lower	Upper	
43	100		
61	14.6	11.3	16.9
70	12.6	9.3	13.9



#38
Carbon Tetrachloride
Concen: 51.156 ug/l
RT: 5.75 min Scan# 765
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion	117	Resp	214707
Ion Ratio	Lower	Upper	
117	100		
119	99.7	76.3	114.5
121	31.9	24.6	37.0

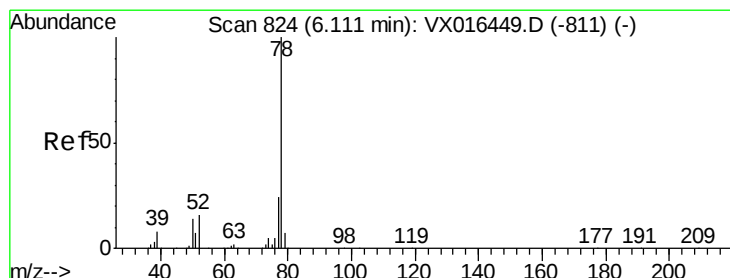
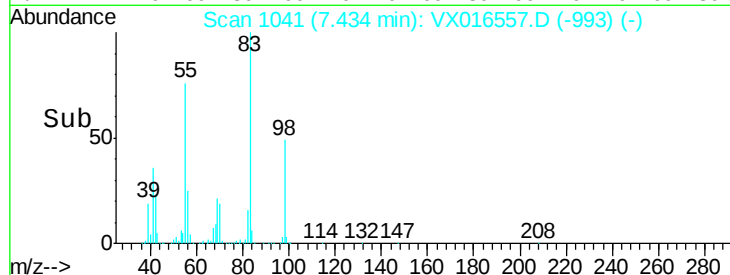
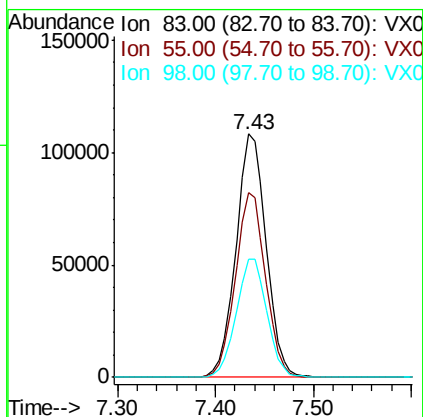
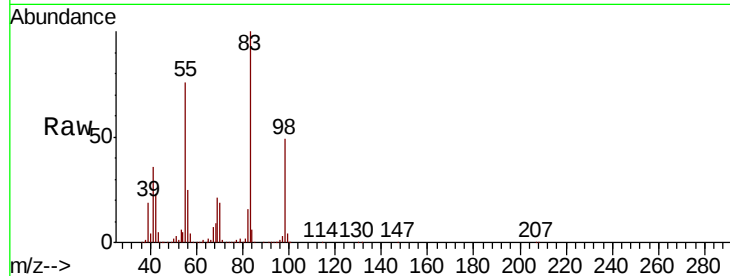




#39
Methvlcvclohexane
Concen: 53.472 ug/l
RT: 7.43 min Scan# 1041
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

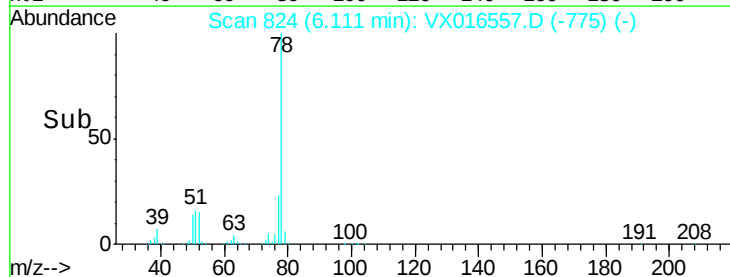
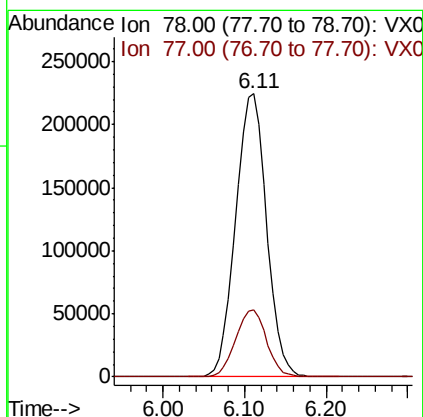
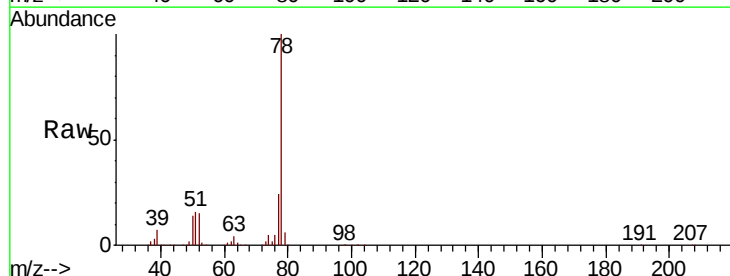
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 231960
Ion Ratio Lower Upper
83 100
55 75.9 61.7 92.5
98 48.7 38.7 58.1



#40
Benzene
Concen: 49.682 ug/l
RT: 6.11 min Scan# 824
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion: 78 Resp: 590885
Ion Ratio Lower Upper
78 100
77 23.7 18.9 28.3

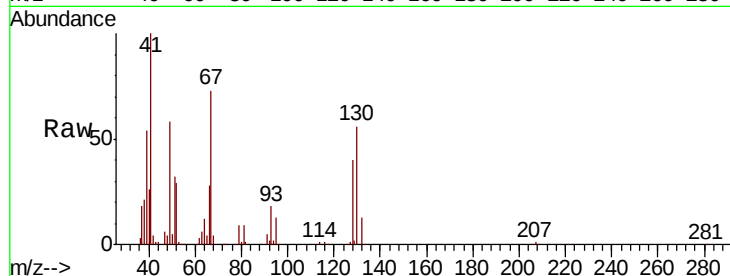




#41
Methacrylonitrile
Concen: 45.613 ug/l
RT: 5.00 min Scan# 641
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	120135
Ion	Ratio	Lower	Upper
41	100		
39	52.8	43.0	64.4
67	77.0	58.9	88.3
52	28.9	23.1	34.7



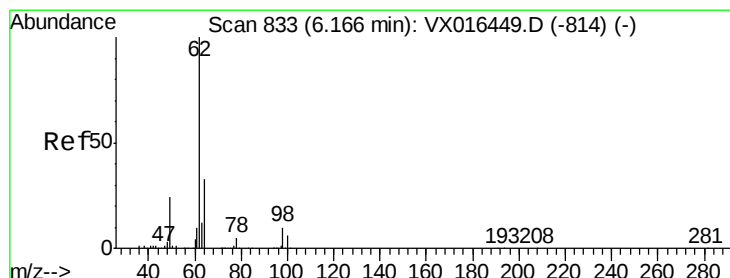
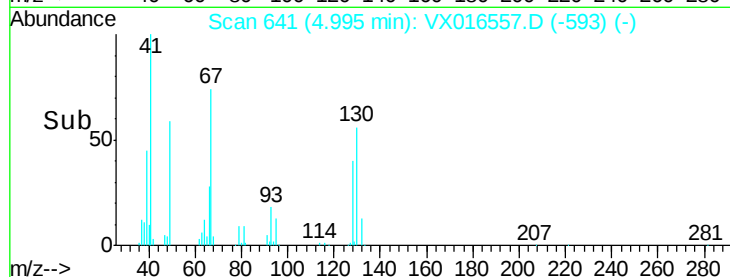
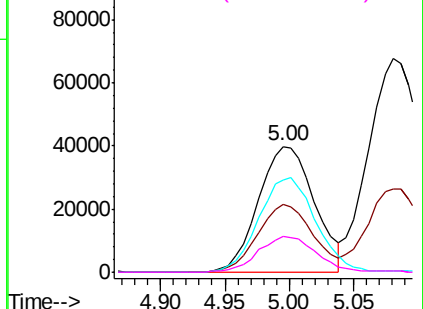
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

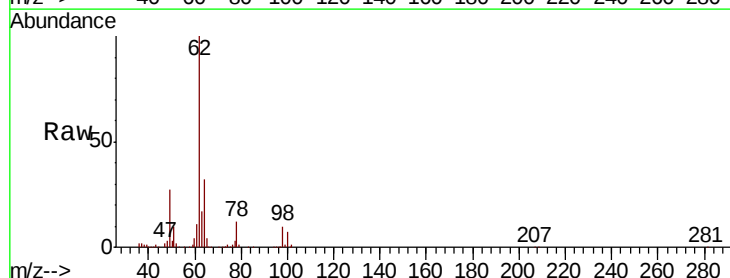
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 49.476 ug/l
RT: 6.15 min Scan# 831
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

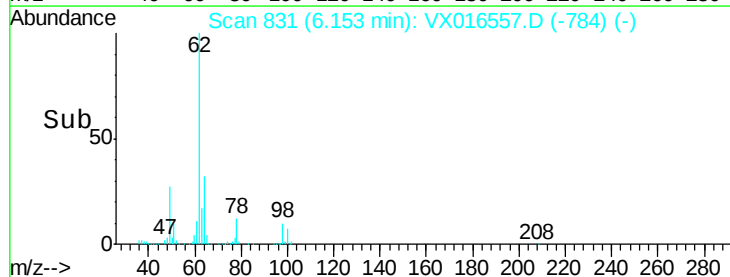
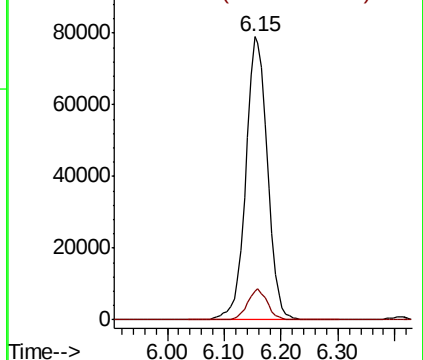
Tgt Ion:	62	Resp:	209264
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	19.8



Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 47.623 ug/l

RT: 6.40 min Scan# 872

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

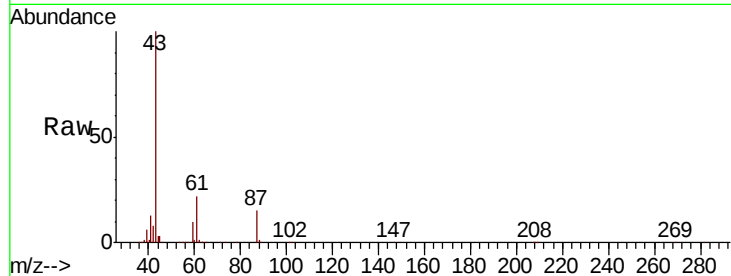
Tot Ion: 43 Resp: 356180

Ion Ratio Lower Upper

43 100

61 21.9 16.8 25.2

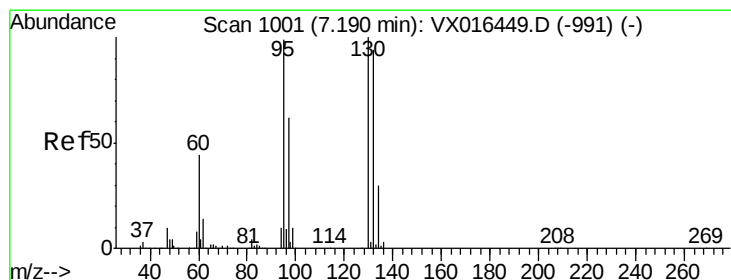
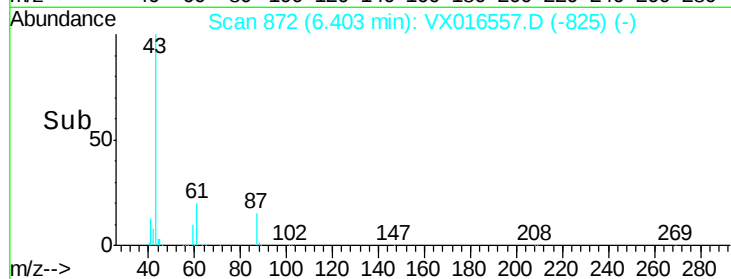
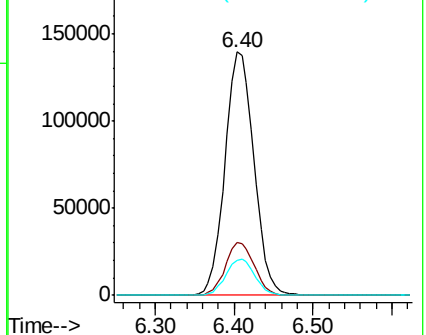
87 14.9 11.2 16.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 49.667 ug/l

RT: 7.18 min Scan# 1000

Delta R.T. -0.01 min

Lab File: VX016557.D

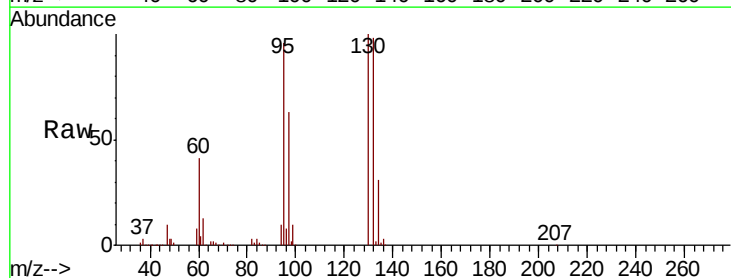
Acq: 03 Jun 2020 10:36

Tgt Ion: 130 Resp: 187418

Ion Ratio Lower Upper

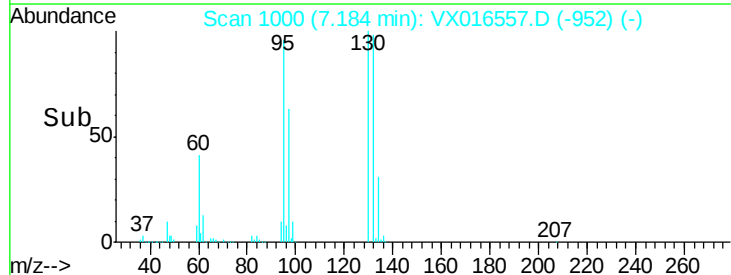
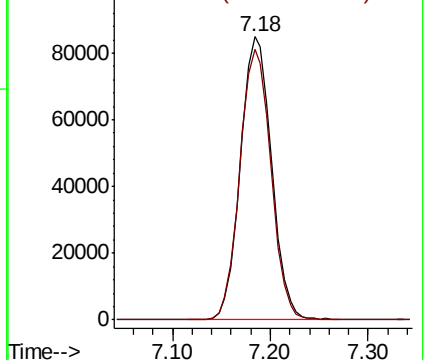
130 100

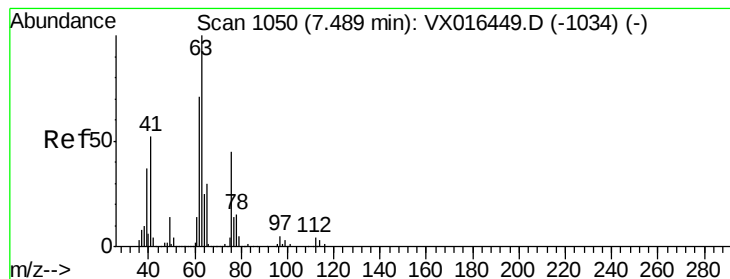
95 95.5 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.132 ug/l

RT: 7.49 min Scan# 1050

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

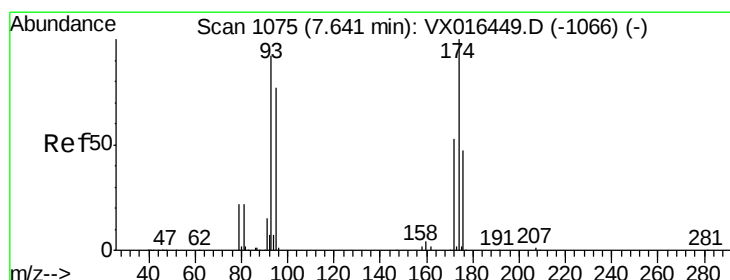
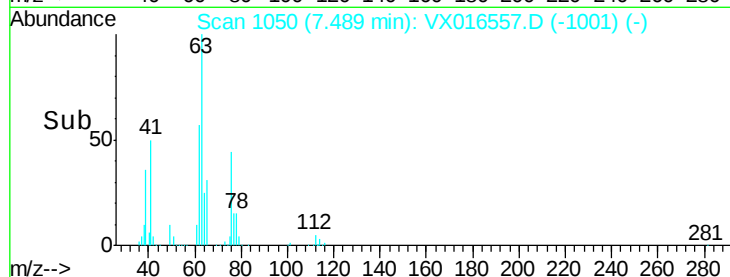
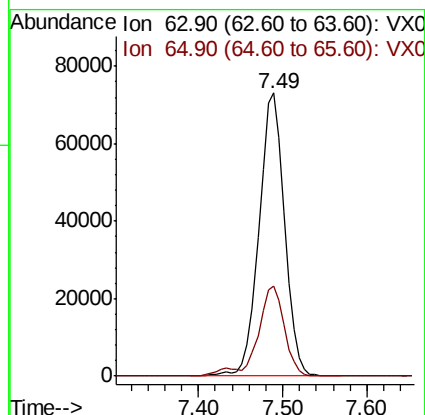
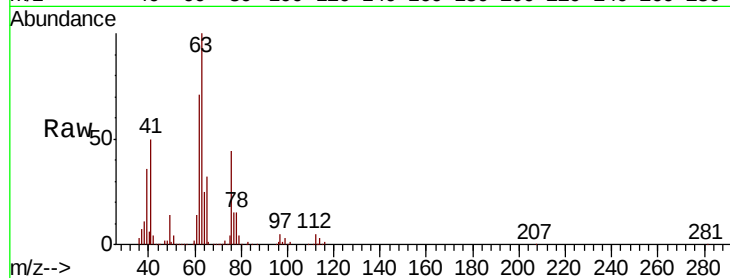
VSTDCCC050

Tot Ion: 63 Resp: 151789

Ion Ratio Lower Upper

63 100

65 31.8 24.2 36.2



#46

Dibromomethane

Concen: 50.110 ug/l

RT: 7.63 min Scan# 1074

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

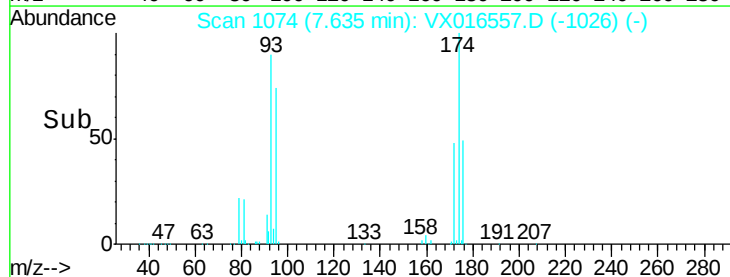
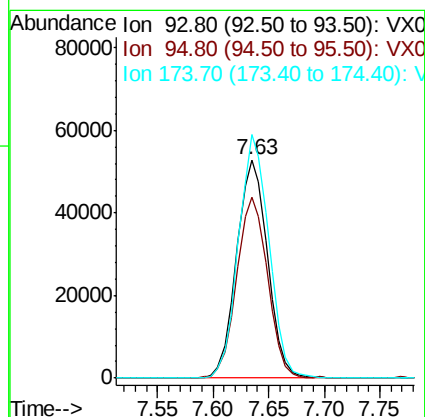
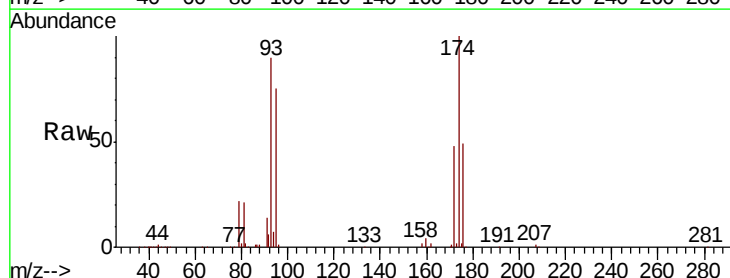
Tgt Ion: 93 Resp: 101908

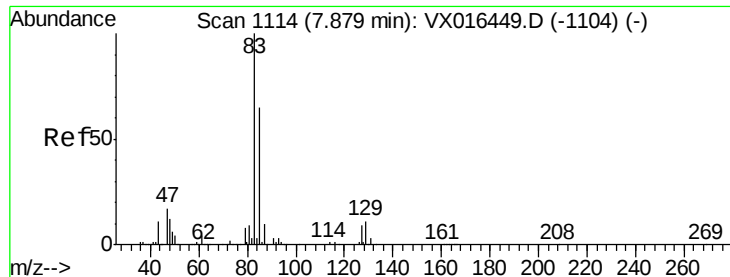
Ion Ratio Lower Upper

93 100

95 83.0 66.6 100.0

174 110.3 86.2 129.4





#47

Bromodichloromethane

Concen: 51.187 ug/l

RT: 7.87 min Scan# 1113

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

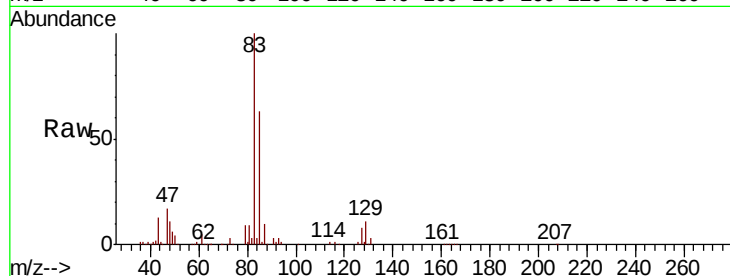
Tot Ion: 83 Resp: 21542

Ion Ratio Lower Upper

83 100

85 63.1 52.0 78.0

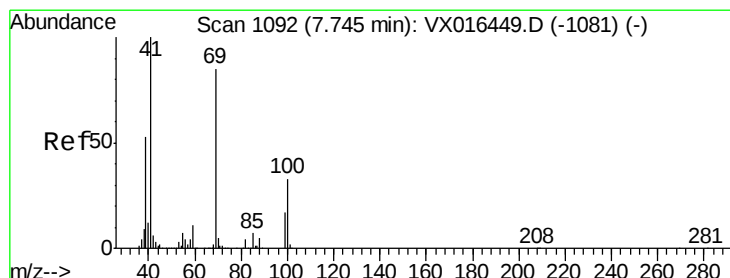
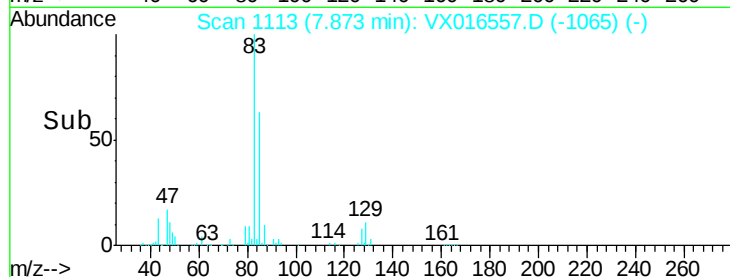
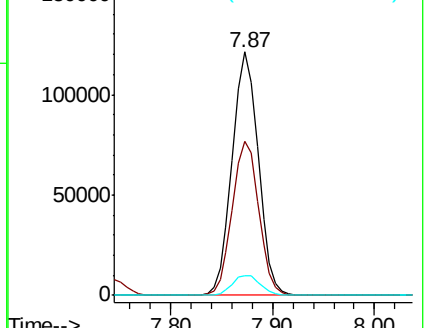
127 8.3 7.4 11.0



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 47.722 ug/l

RT: 7.74 min Scan# 1092

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

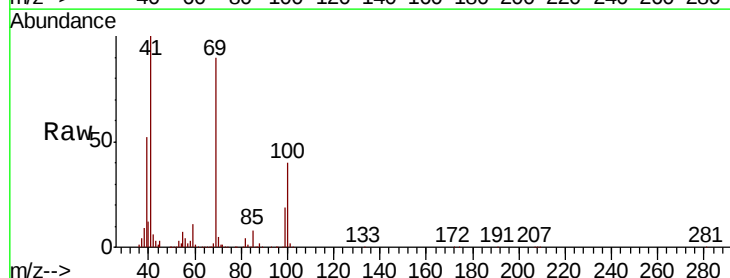
Tgt Ion: 41 Resp: 170895

Ion Ratio Lower Upper

41 100

69 89.1 68.6 102.8

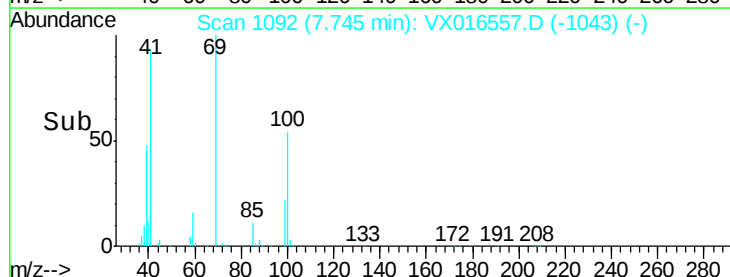
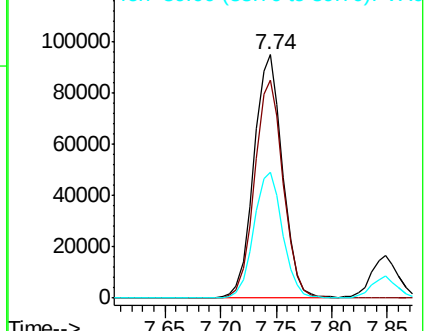
39 51.8 42.4 63.6

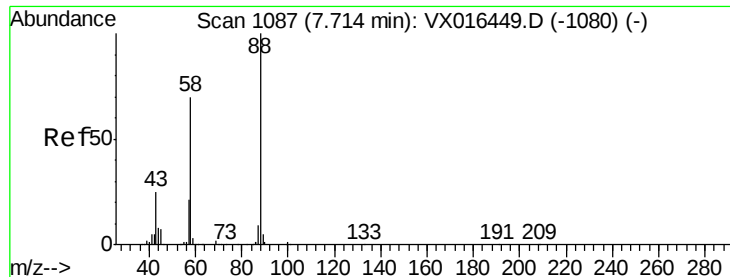


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 861.594 ug/l

RT: 7.71 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

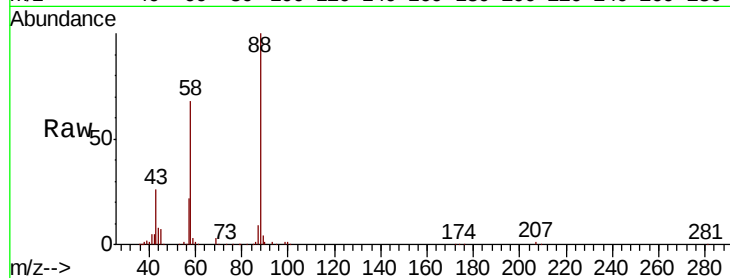
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 72206

Ion	Ratio	Lower	Upper
88	100		
43	29.7	24.2	36.4
58	68.3	56.5	84.7



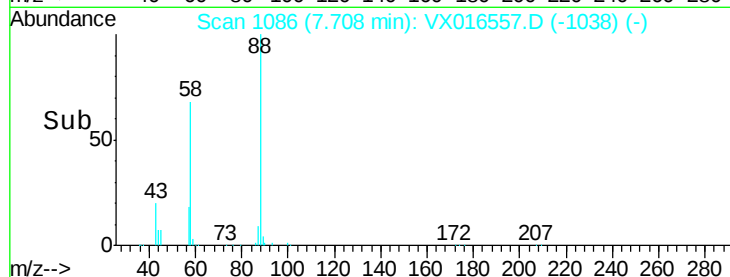
Abundance

Ion 88.00 (87.70 to 88.70): VX0

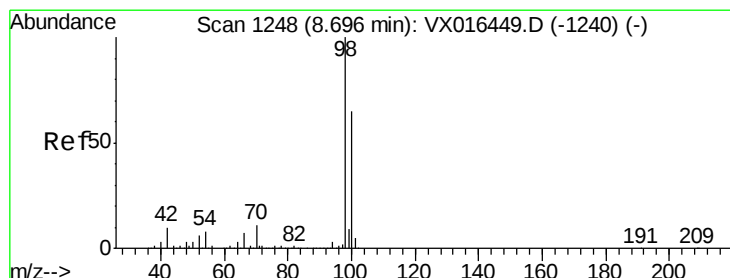
Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

Time-->



Time-->



#50

Toluene-d8

Concen: 53.916 ug/l

RT: 8.70 min Scan# 1248

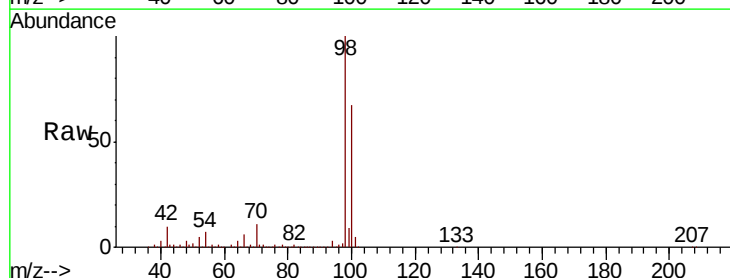
Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Tgt Ion: 98 Resp: 545057

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.8	80.6

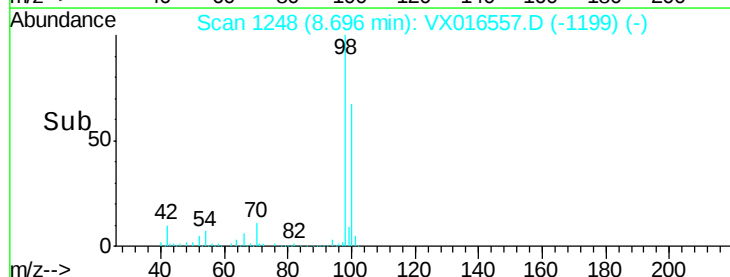


Abundance

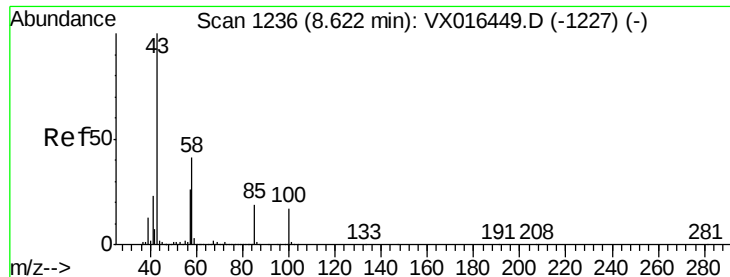
Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

Time-->



Time-->



#51

4-Methyl-2-Pentanone

Concen: 239.224 ug/l

RT: 8.62 min Scan# 1235

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

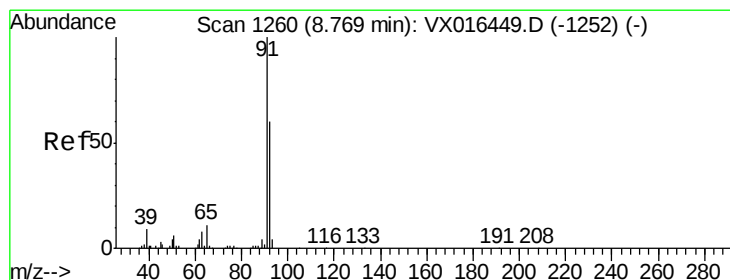
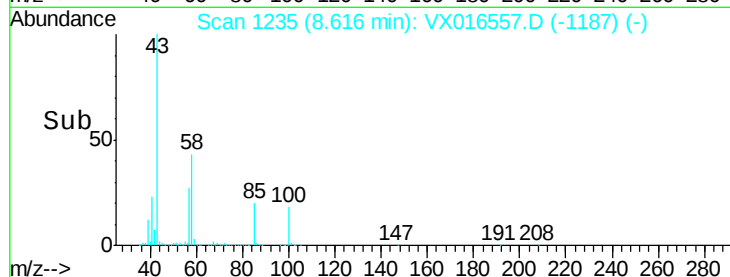
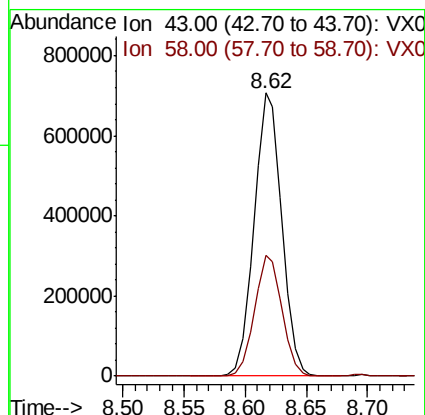
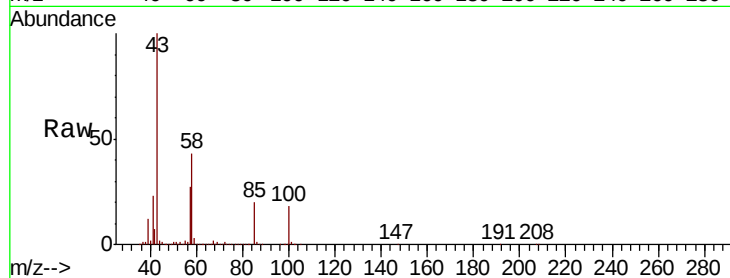
VSTDCCC050

Tot Ion: 43 Resp: 1114063

Ion Ratio Lower Upper

43 100

58 42.6 33.0 49.6



#52

Toluene

Concen: 51.669 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016557.D

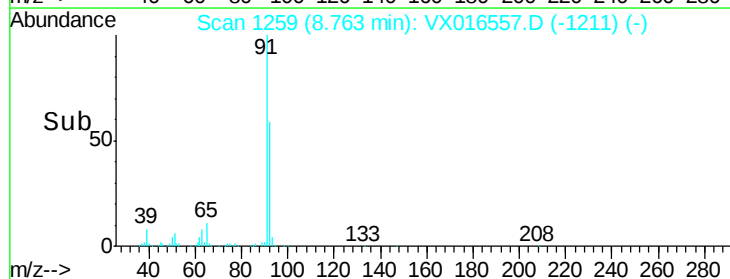
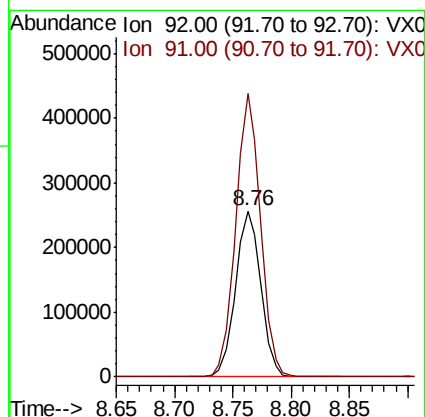
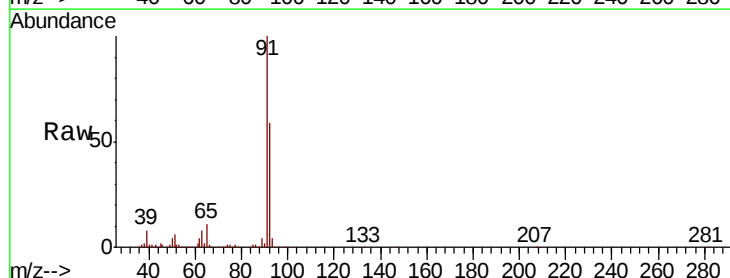
Acq: 03 Jun 2020 10:36

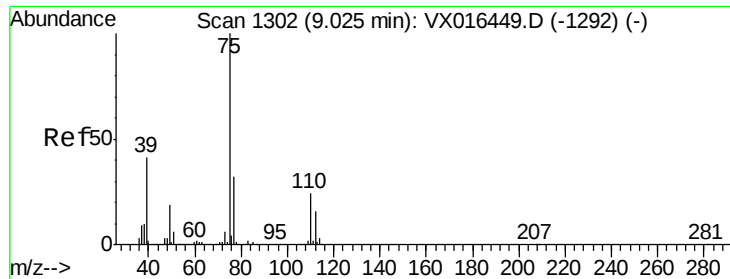
Tgt Ion: 92 Resp: 387511

Ion Ratio Lower Upper

92 100

91 167.9 135.0 202.4





#53

t-1,3-Dichloropropene

Concen: 53.026 ug/l

RT: 9.02 min Scan# 1301

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

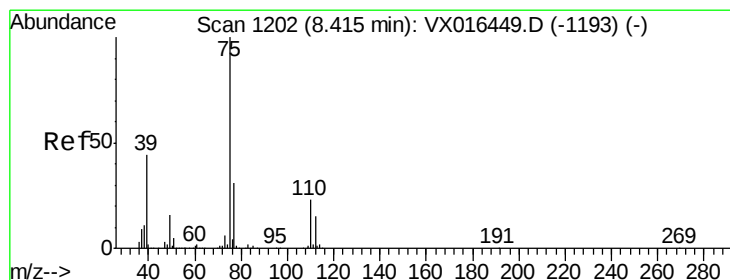
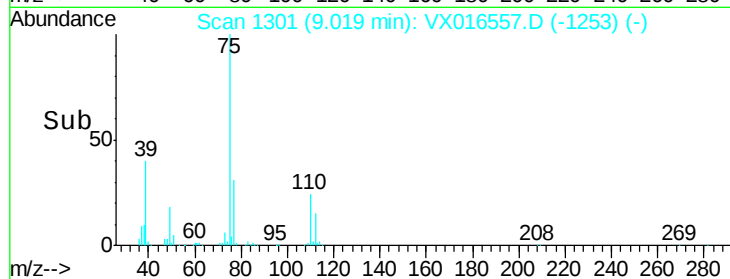
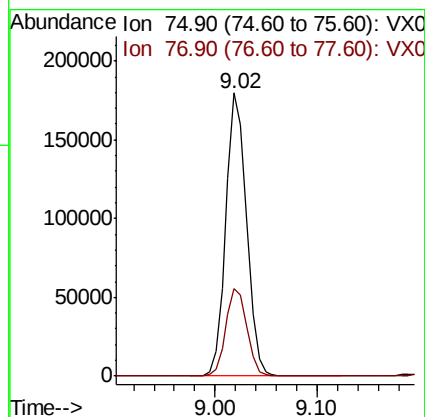
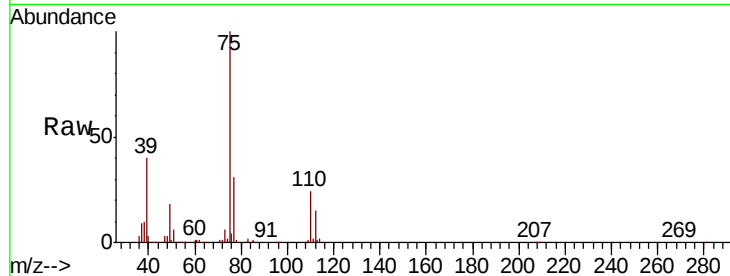
VSTDCCC050

Tot Ion: 75 Resp: 253898

Ion Ratio Lower Upper

75 100

77 31.0 25.5 38.3



#54

cis-1,3-Dichloropropene

Concen: 52.712 ug/l

RT: 8.42 min Scan# 1202

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

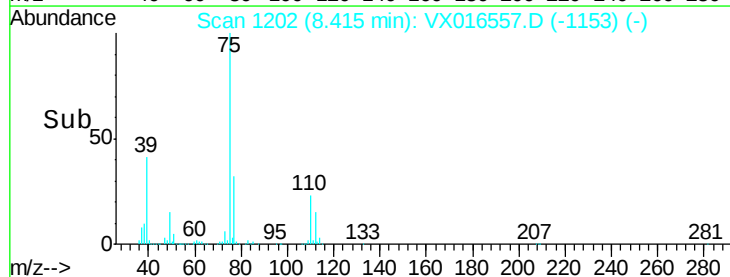
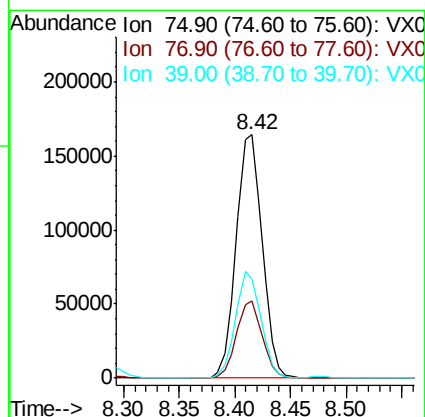
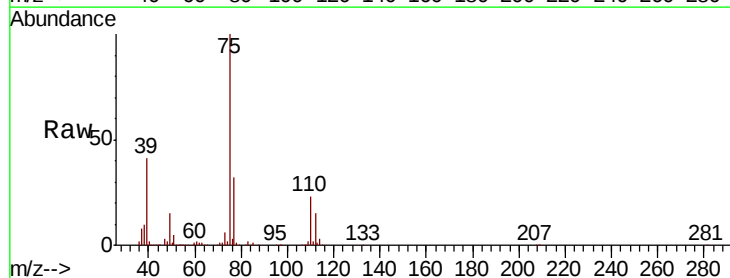
Tgt Ion: 75 Resp: 267152

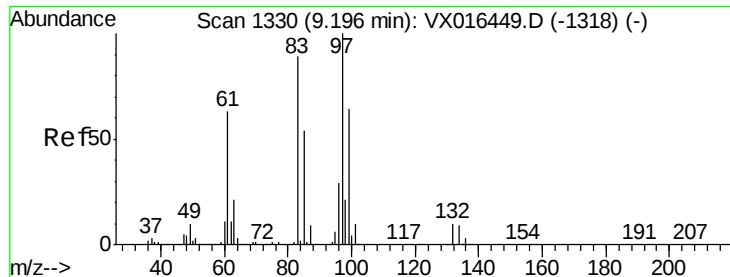
Ion Ratio Lower Upper

75 100

77 31.5 24.6 36.8

39 40.9 35.3 52.9

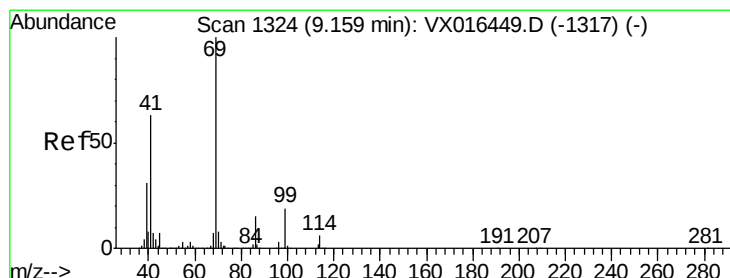
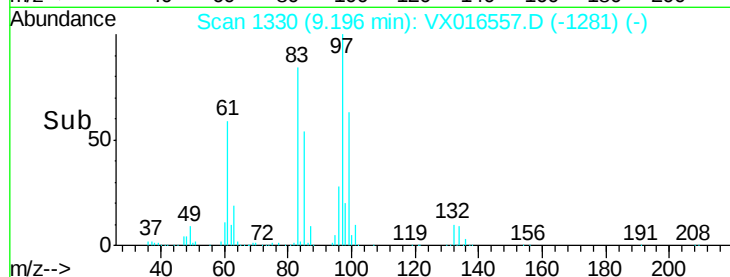
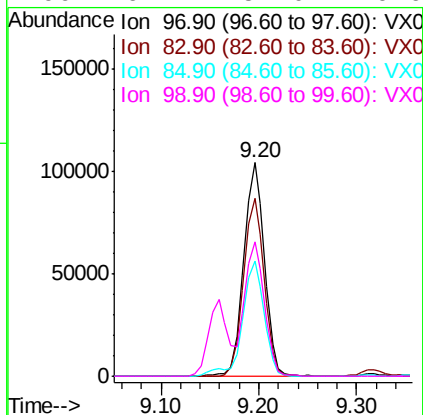
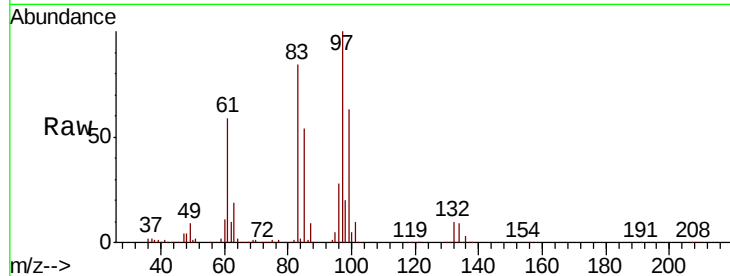




#55
 1,1,2-Trichloroethane
 Concen: 51.464 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. 0.00 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

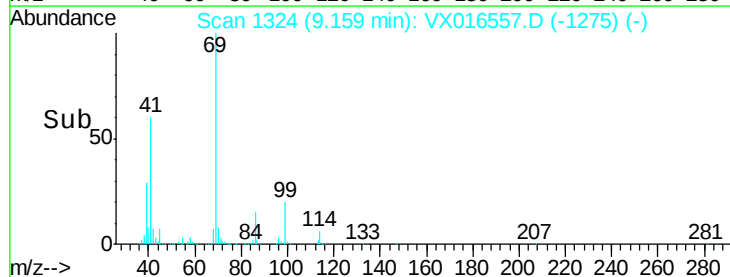
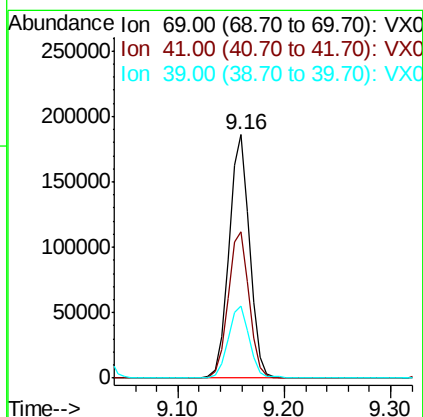
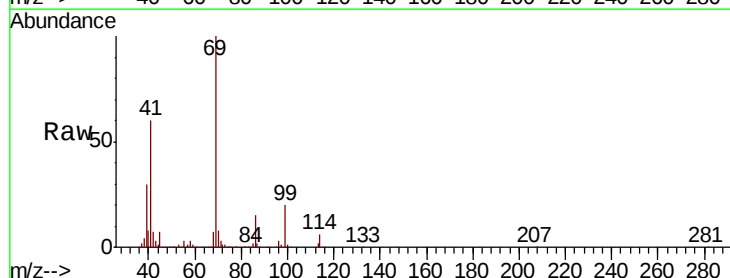
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 153463
 Ion Ratio Lower Upper
 97 100
 83 83.6 70.9 106.3
 85 53.9 43.4 65.2
 99 62.7 51.0 76.6



#56
 Ethyl methacrylate
 Concen: 51.781 ug/l
 RT: 9.16 min Scan# 1324
 Delta R.T. 0.00 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

Tgt Ion: 69 Resp: 251474
 Ion Ratio Lower Upper
 69 100
 41 61.4 50.7 76.1
 39 30.4 25.8 38.6





#57

1,3-Dichloropropane

Concen: 51.066 ug/l

RT: 9.35 min Scan# 1356

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

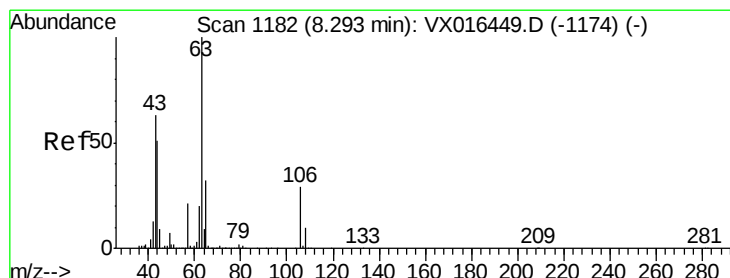
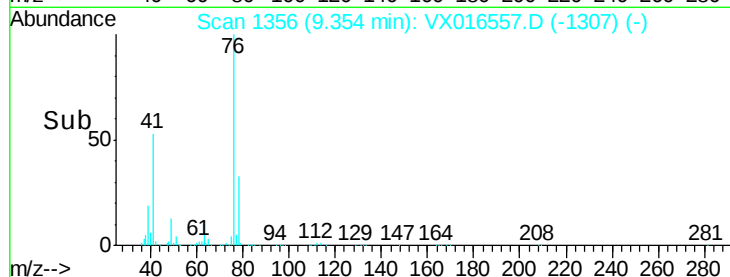
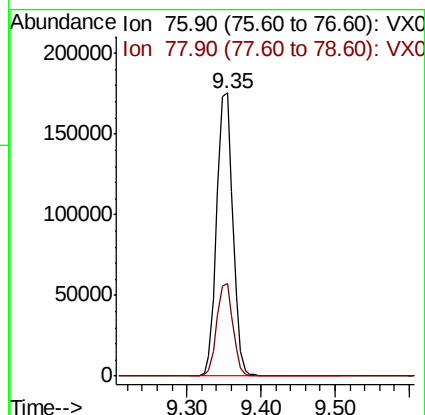
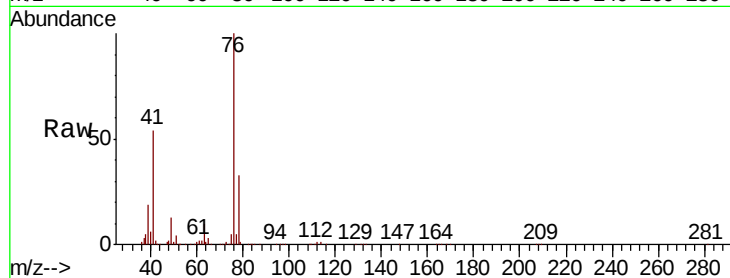
VSTDCCC050

Tot Ion: 76 Resp: 261376

Ion Ratio Lower Upper

76 100

78 32.7 26.2 39.4



#58

2-Chloroethyl Vinyl ether

Concen: 267.618 ug/l

RT: 8.29 min Scan# 1181

Delta R.T. -0.01 min

Lab File: VX016557.D

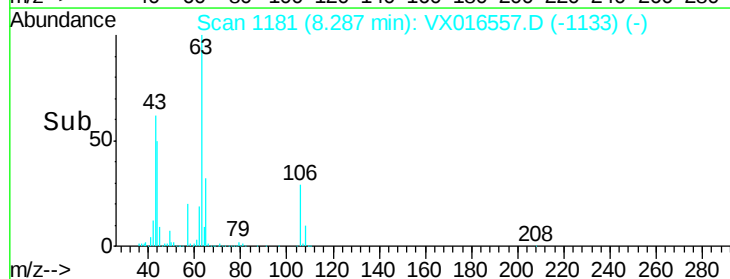
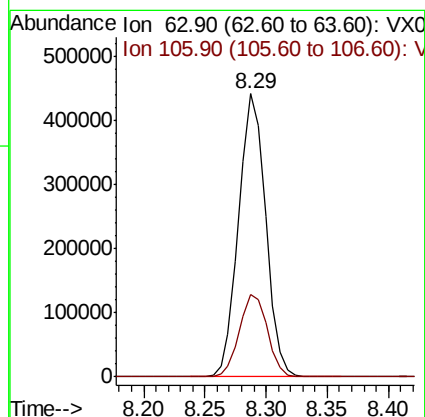
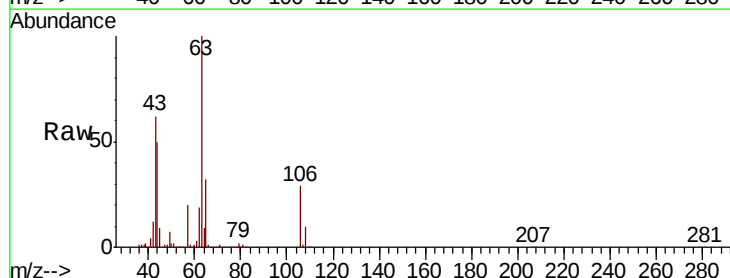
Acq: 03 Jun 2020 10:36

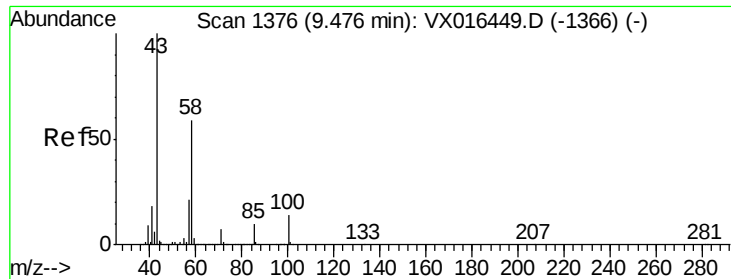
Tgt Ion: 63 Resp: 678383

Ion Ratio Lower Upper

63 100

106 30.1 23.2 34.8

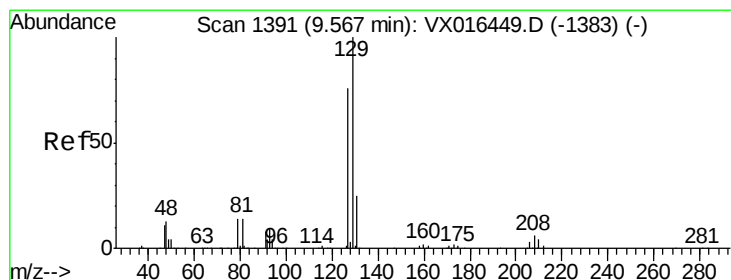
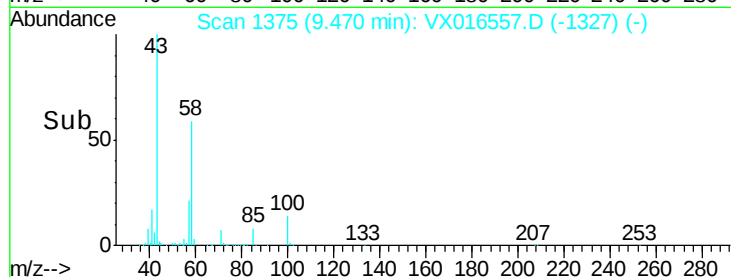
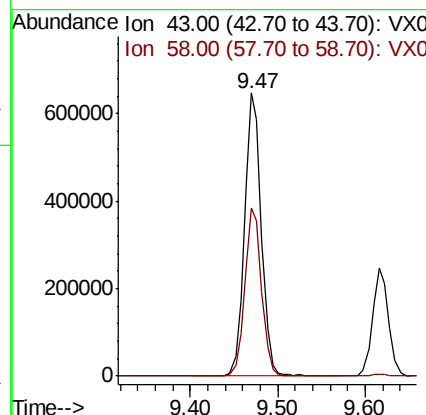
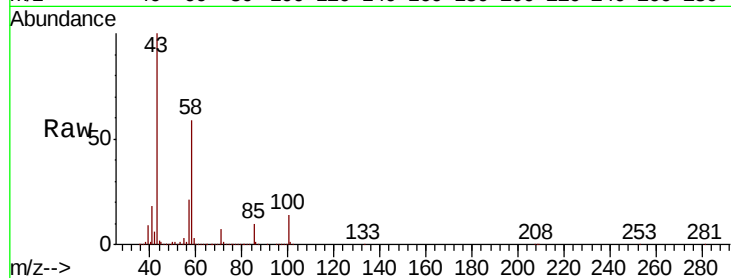




#59
2-Hexanone
Concen: 238.267 ug/l
RT: 9.47 min Scan# 1375
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

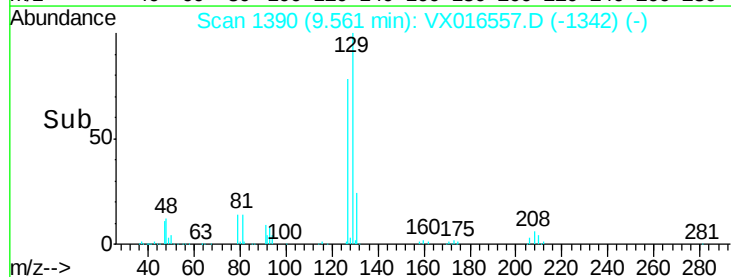
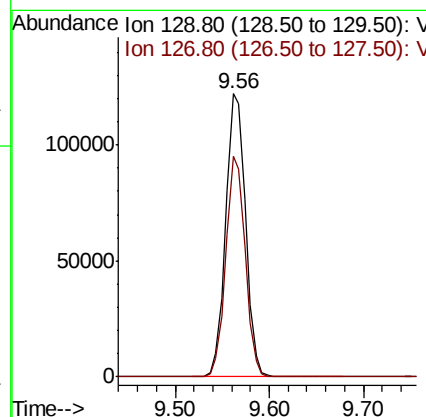
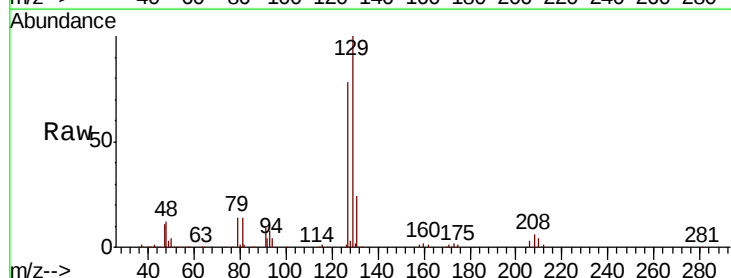
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

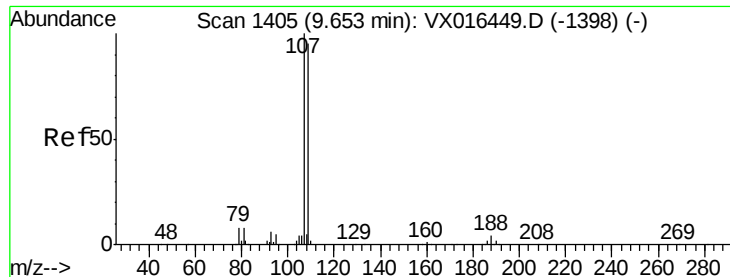
Tot Ion: 43 Resp: 862892
Ion Ratio Lower Upper
43 100
58 59.5 28.8 86.4



#60
Dibromochloromethane
Concen: 53.193 ug/l
RT: 9.56 min Scan# 1390
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion: 129 Resp: 178504
Ion Ratio Lower Upper
129 100
127 76.3 38.6 116.0





#61

1,2-Dibromoethane

Concen: 51.569 ug/l

RT: 9.65 min Scan# 1405

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

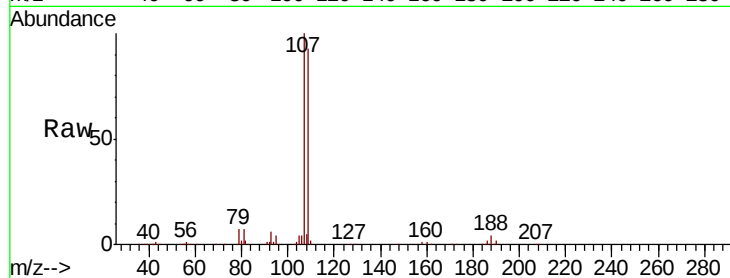
VSTDCCC050

Tot Ion: 107 Resp: 164671

Ion Ratio Lower Upper

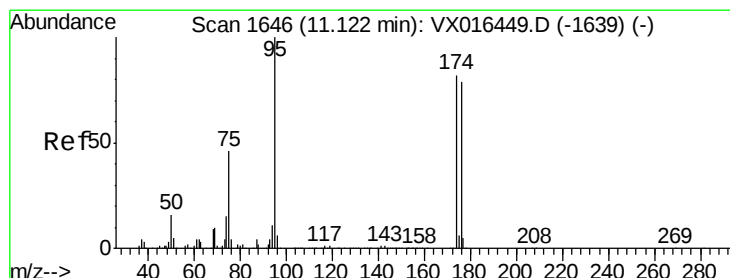
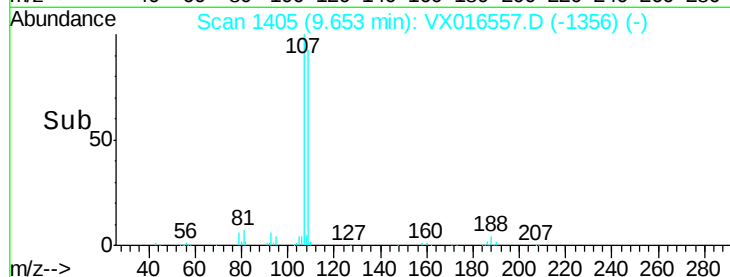
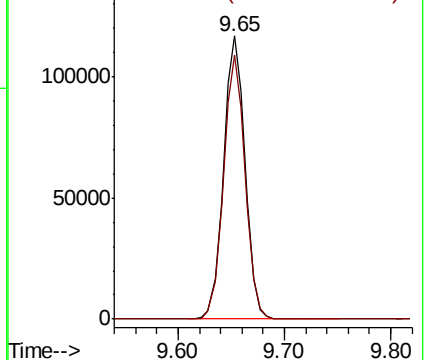
107 100

109 93.5 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 51.539 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

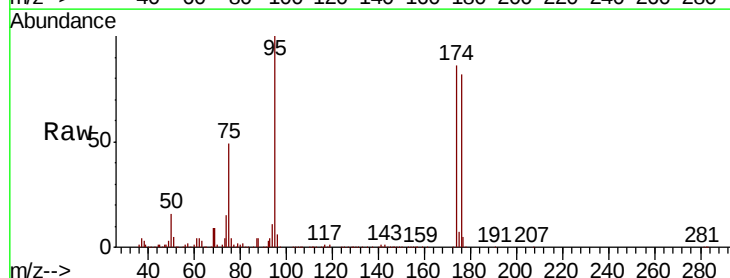
Tgt Ion: 95 Resp: 201321

Ion Ratio Lower Upper

95 100

174 82.8 0.0 163.0

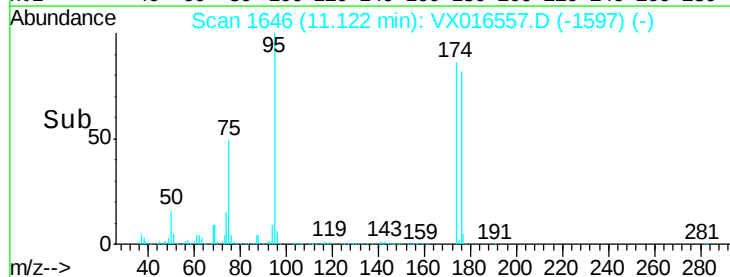
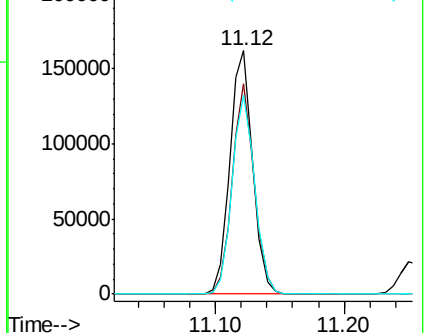
176 81.3 0.0 156.8

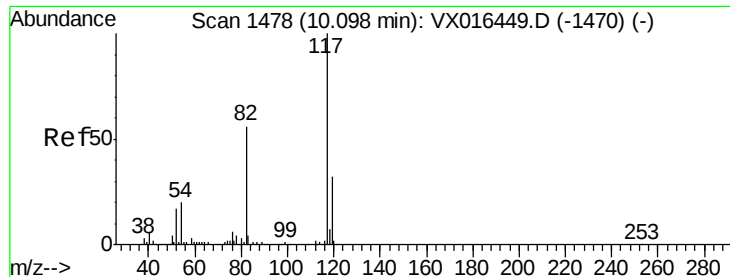


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

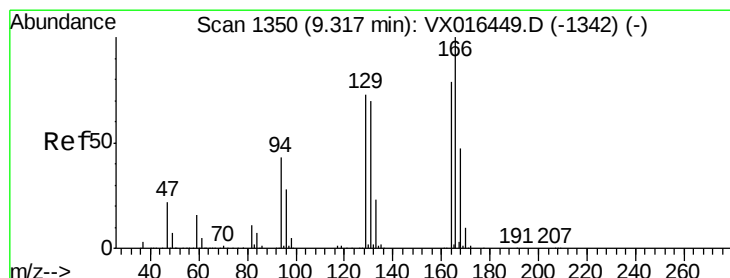
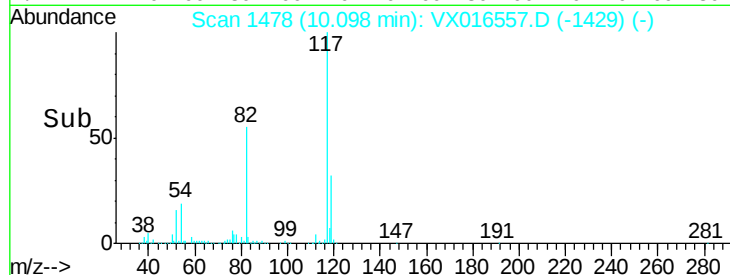
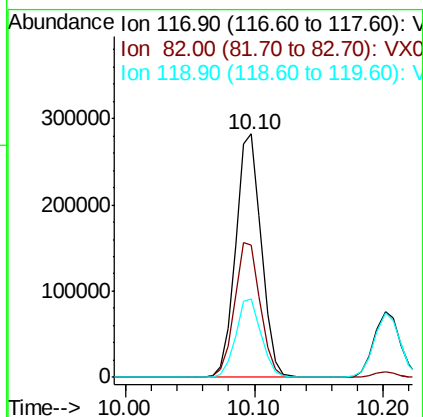
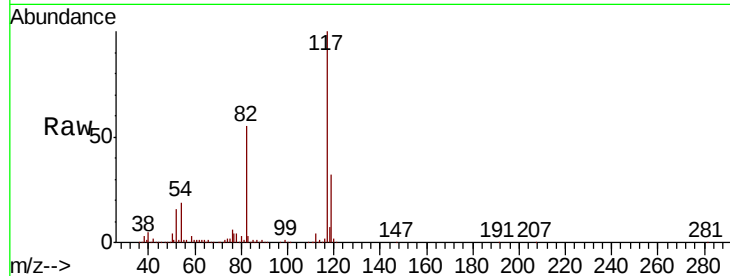




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

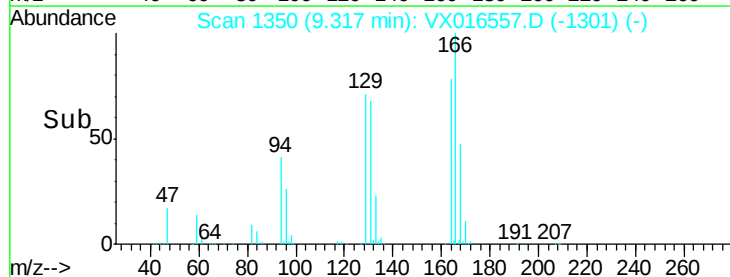
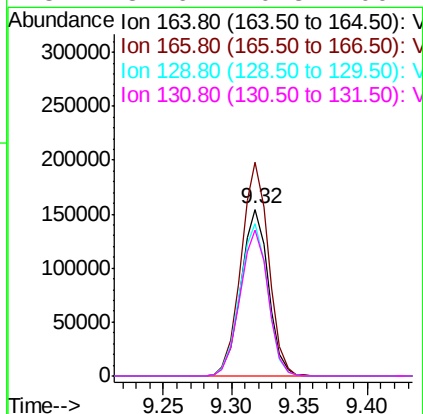
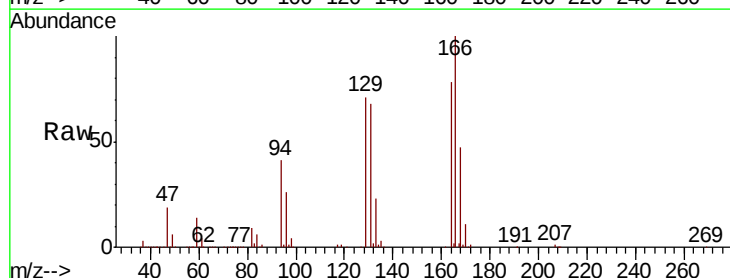
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

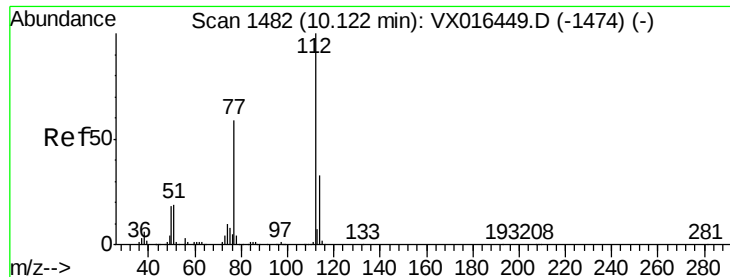
Tot Ion:117 Resp: 388945
Ion Ratio Lower Upper
117 100
82 54.5 45.0 67.6
119 32.1 25.8 38.8



#64
Tetrachloroethene
Concen: 50.055 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion:164 Resp: 217813
Ion Ratio Lower Upper
164 100
166 128.2 100.9 151.3
129 91.1 73.2 109.8
131 87.6 70.8 106.2

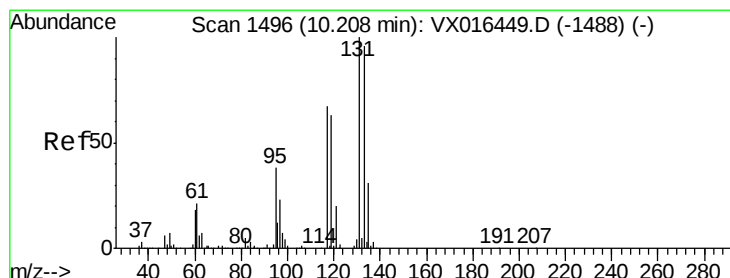
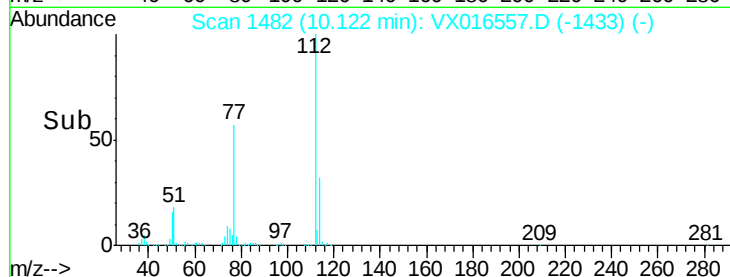
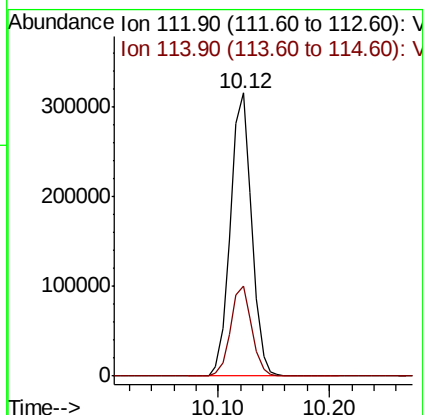
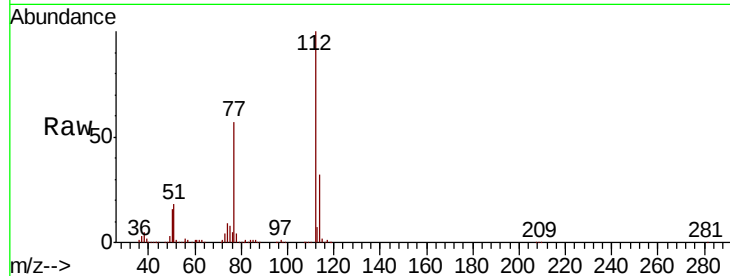




#65
Chlorobenzene
Concen: 52.517 ug/l
RT: 10.12 min Scan# 1482
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

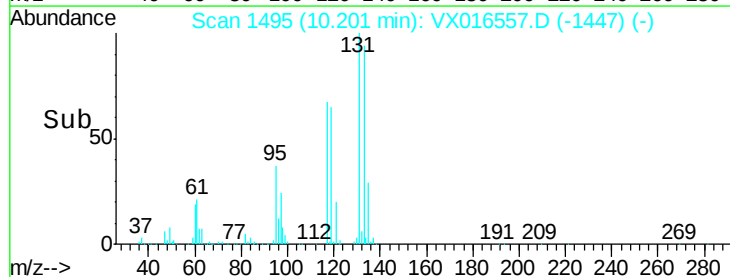
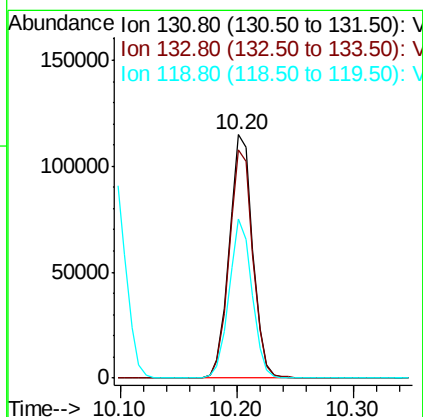
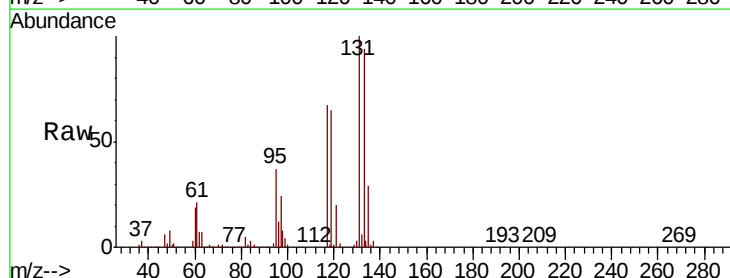
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

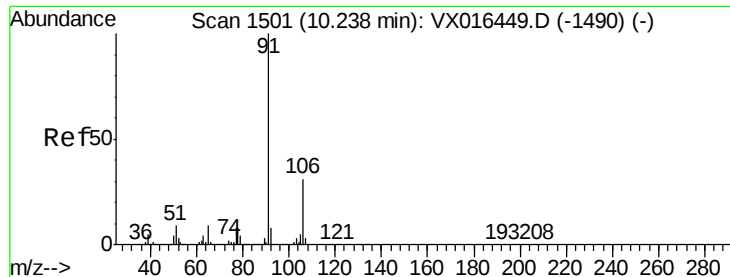
Tot Ion:112 Resp: 416438
Ion Ratio Lower Upper
112 100
114 31.6 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 52.925 ug/l
RT: 10.20 min Scan# 1495
Delta R.T. -0.01 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion:131 Resp: 160200
Ion Ratio Lower Upper
131 100
133 94.8 48.4 145.3
119 64.2 32.0 96.2





#67

Ethyl Benzene

Concen: 51.978 ug/l

RT: 10.23 min Scan# 1500

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

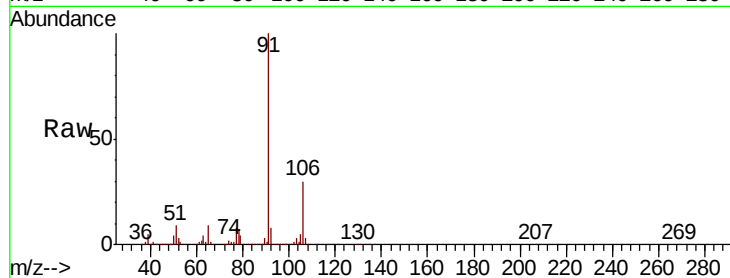
VSTDCCC050

Tot Ion: 91 Resp: 733825

Ion Ratio Lower Upper

91 100

106 29.9 25.0 37.4



Abundance Ion 91.00 (90.70 to 91.70): VX016449.D (-1490) (-)

Ion 106.00 (105.70 to 106.70): VX016449.D (-1490) (-)

1000000

800000

600000

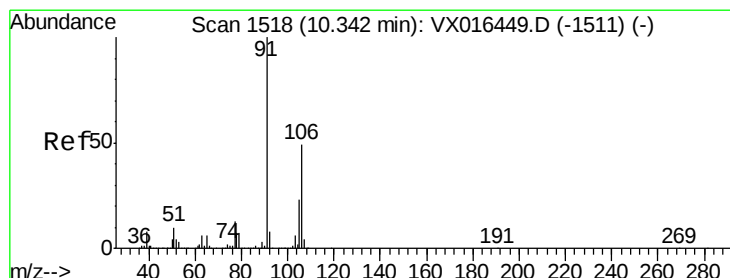
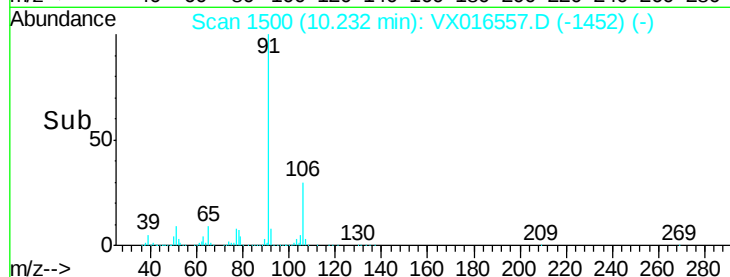
400000

200000

0

10.20 10.23 10.30

Time-->



#68

m/p-Xylenes

Concen: 106.921 ug/l

RT: 10.34 min Scan# 1518

Delta R.T. 0.00 min

Lab File: VX016557.D

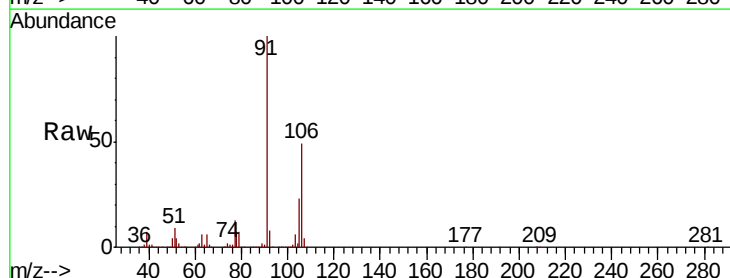
Acq: 03 Jun 2020 10:36

Tgt Ion: 106 Resp: 559681

Ion Ratio Lower Upper

106 100

91 204.5 163.8 245.8



Abundance Ion 106.00 (105.70 to 106.70): VX016449.D (-1511) (-)

Ion 91.00 (90.70 to 91.70): VX016449.D (-1511) (-)

1000000

800000

600000

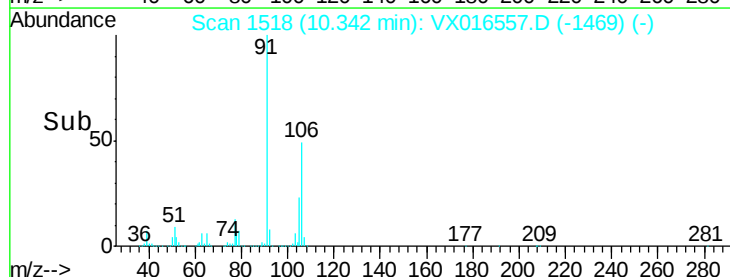
400000

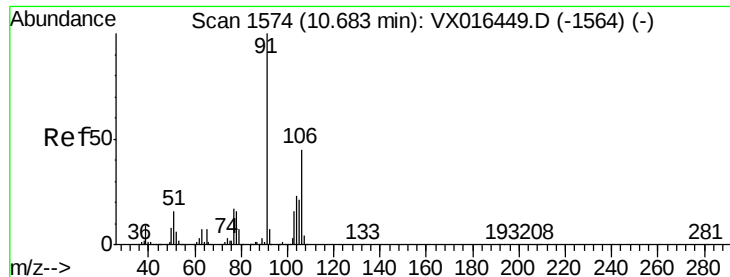
200000

0

10.30 10.34 10.50

Time-->

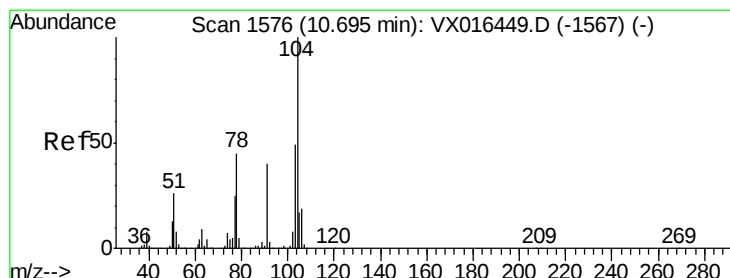
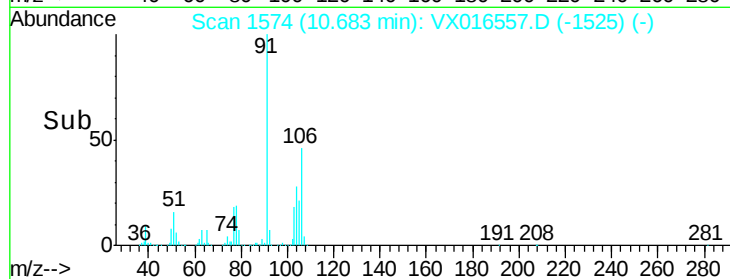
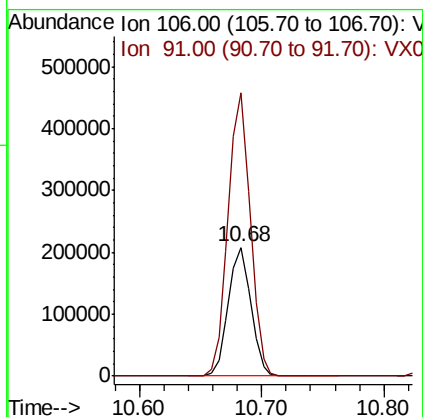
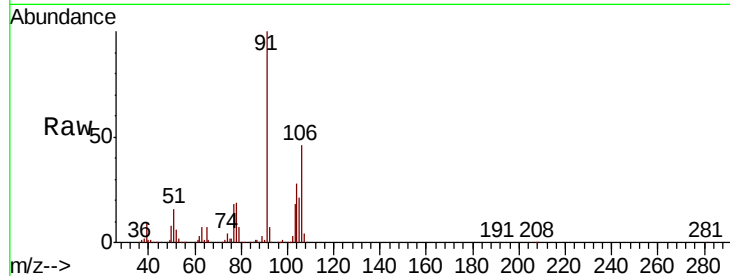




#69
o-Xylene
Concen: 52.347 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

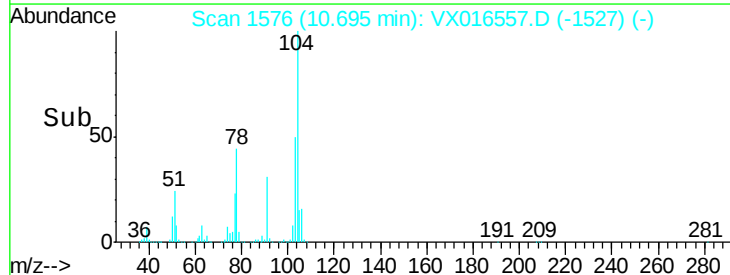
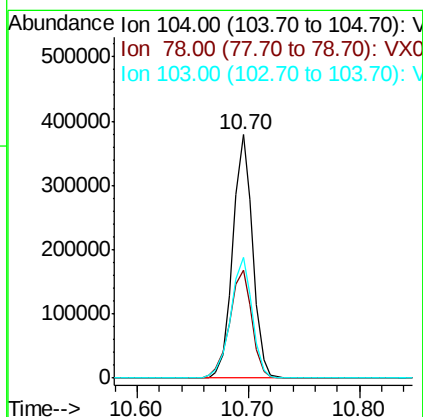
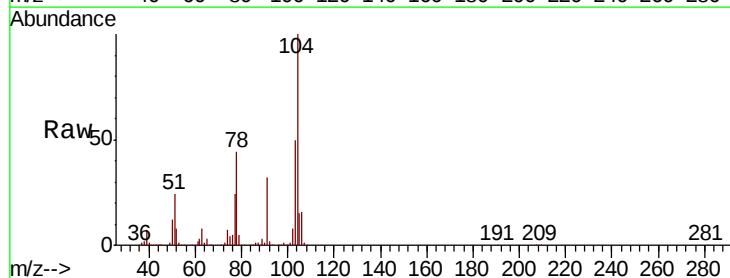
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

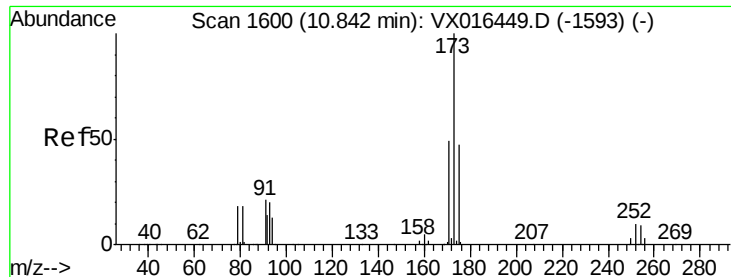
Tot Ion:106 Resp: 265366
Ion Ratio Lower Upper
106 100
91 217.4 109.6 328.8



#70
Styrene
Concen: 53.330 ug/l
RT: 10.70 min Scan# 1576
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion:104 Resp: 464695
Ion Ratio Lower Upper
104 100
78 50.0 40.2 60.2
103 54.0 43.1 64.7





#71

Bromoform

Concen: 52.363 ug/l

RT: 10.84 min Scan# 1600

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

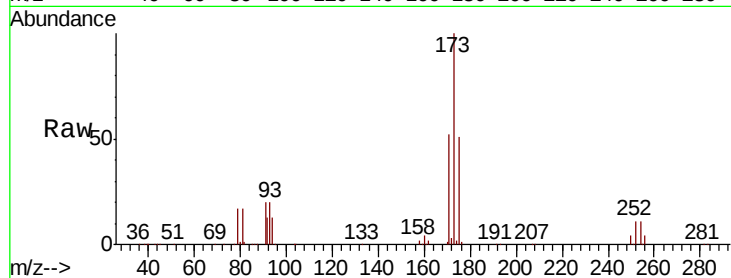
Tot Ion:173 Resp: 133953

Ion Ratio Lower Upper

173 100

175 49.5 23.9 71.7

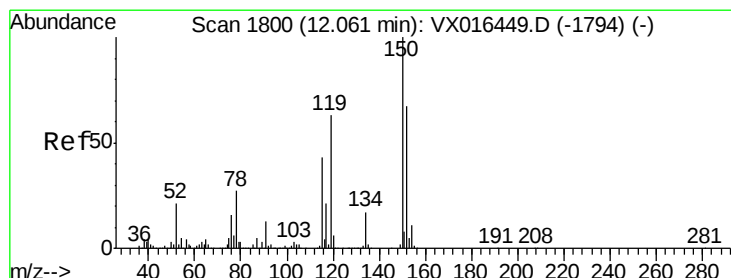
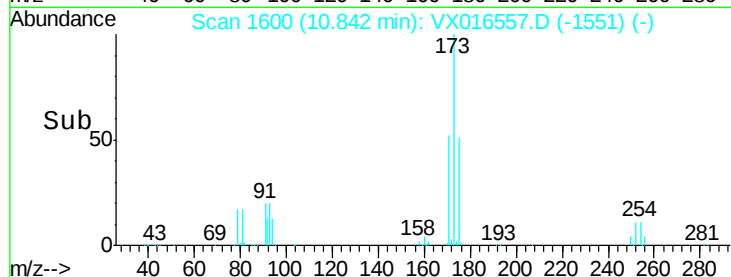
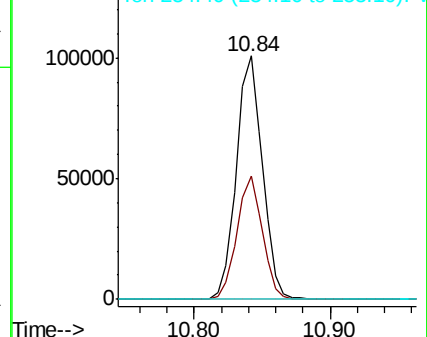
254 0.2 0.1 0.1#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

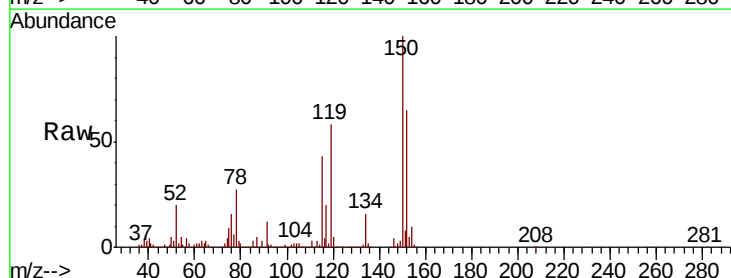
Tgt Ion:152 Resp: 190997

Ion Ratio Lower Upper

152 100

115 82.6 39.9 119.6

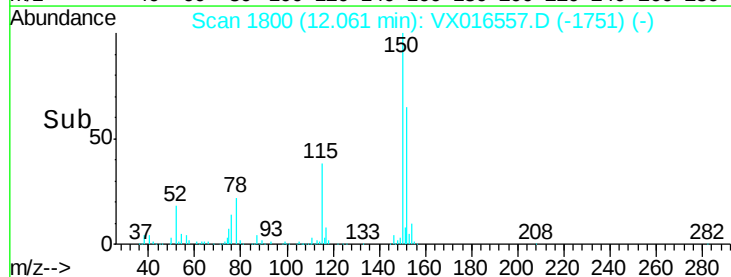
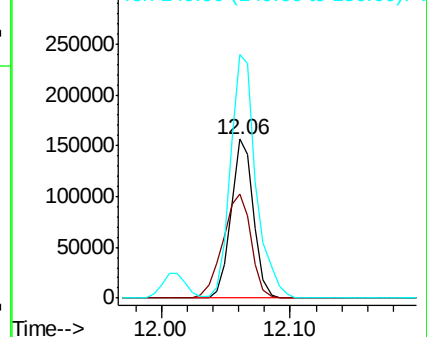
150 174.2 0.0 341.0

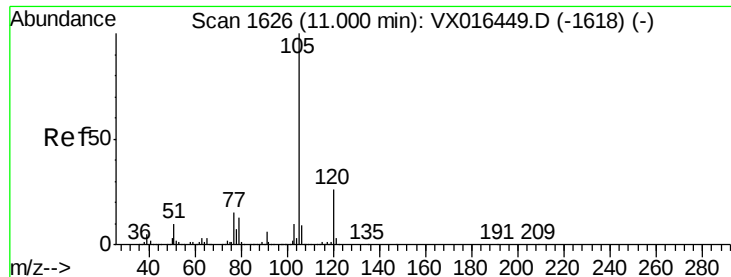


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 54.244 ug/l

RT: 11.00 min Scan# 1626

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

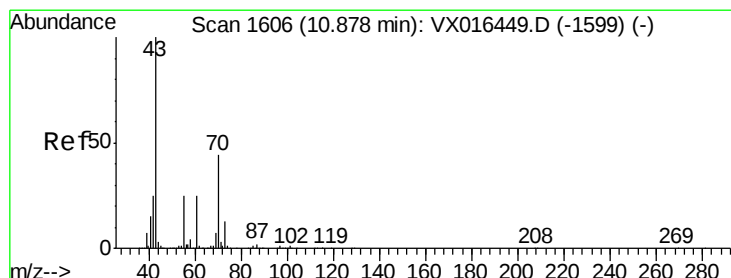
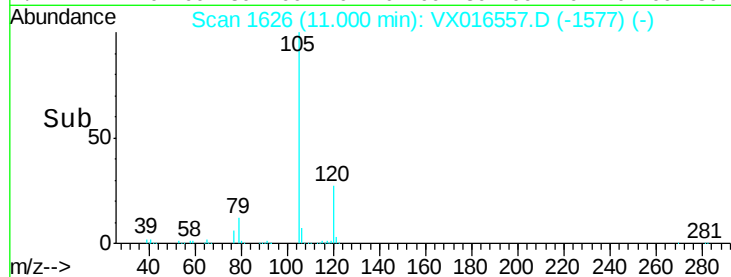
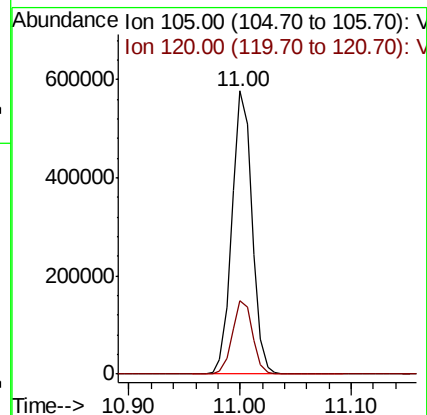
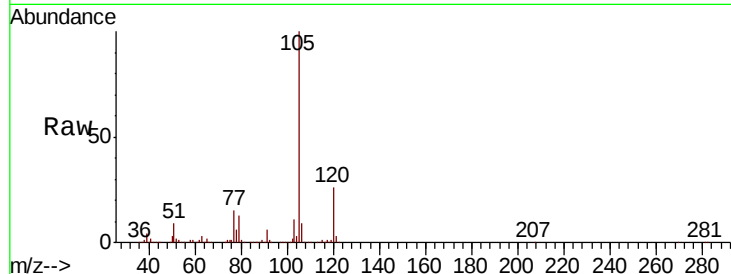
VSTDCCC050

Tot Ion:105 Resp: 717856

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



#74

N-ethyl acetate

Concen: 50.333 ug/l

RT: 10.88 min Scan# 1606

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Tgt Ion: 43 Resp: 306389

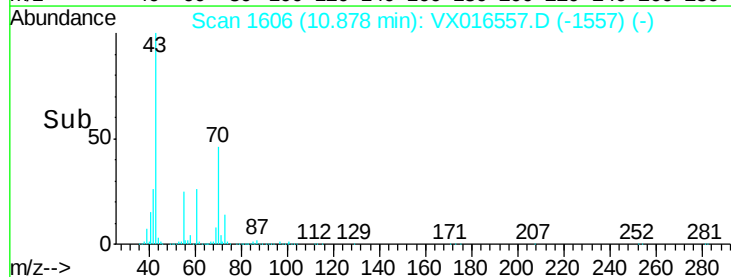
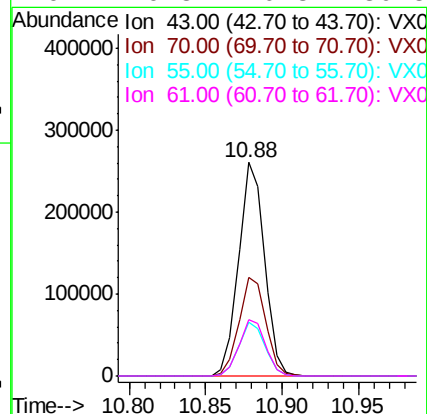
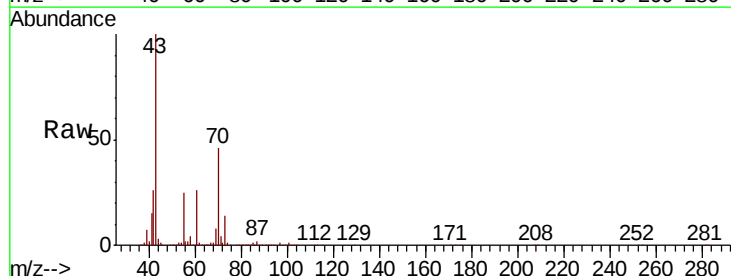
Ion Ratio Lower Upper

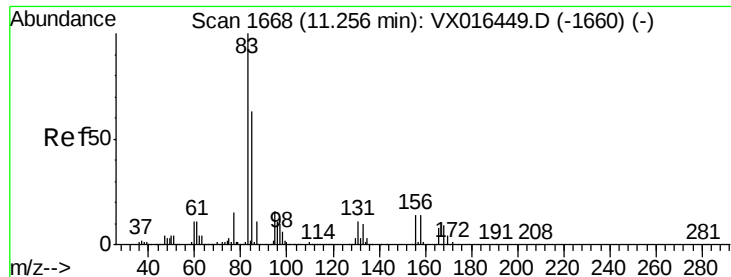
43 100

70 47.4 36.1 54.1

55 25.5 20.2 30.4

61 26.8 20.3 30.5





#75

1,1,2,2-Tetrachloroethane

Concen: 53.563 ug/l

RT: 11.25 min Scan# 1667

Delta R.T. -0.01 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

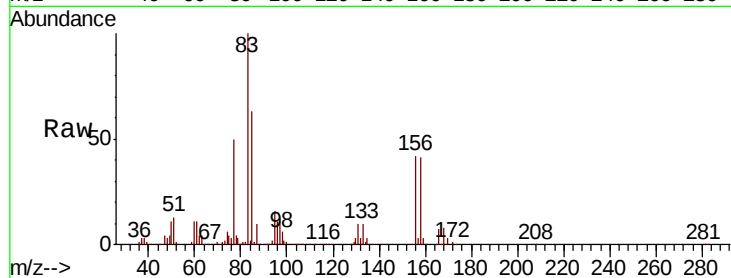
Tot Ion: 83 Resp: 177652

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.3

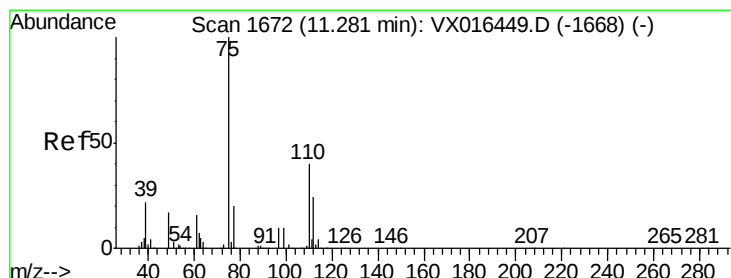
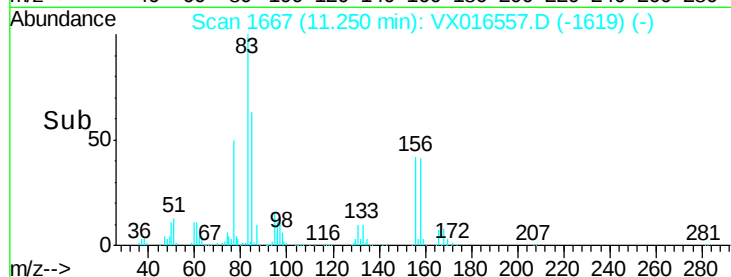
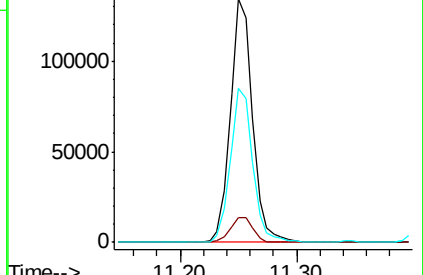
85 64.3 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 68.553 ug/l

RT: 11.28 min Scan# 1672

Delta R.T. 0.00 min

Lab File: VX016557.D

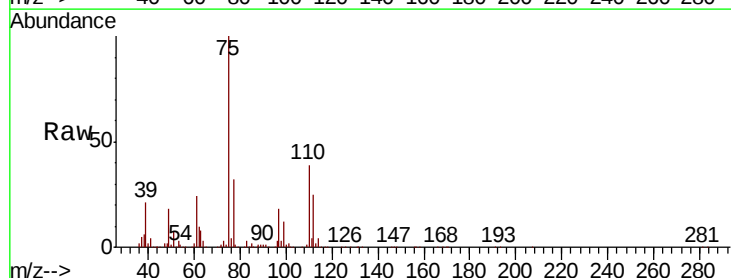
Acq: 03 Jun 2020 10:36

Tgt Ion: 75 Resp: 287801

Ion Ratio Lower Upper

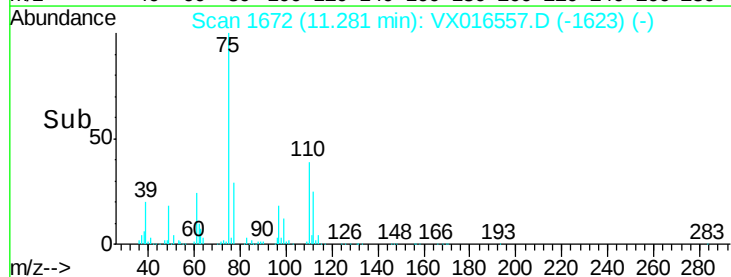
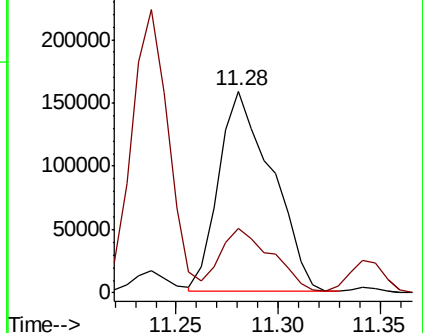
75 100

77 31.2 21.3 63.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.269 ug/l

RT: 11.24 min Scan# 1665

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

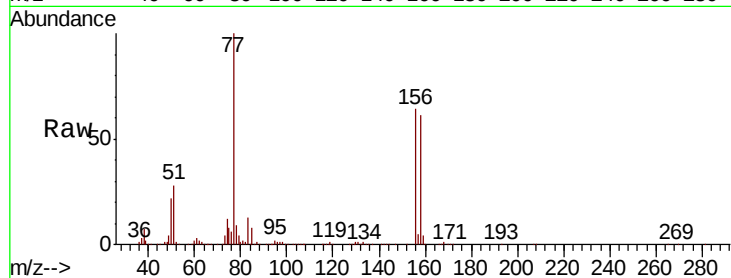
Tot Ion:156 Resp: 181425

Ion Ratio Lower Upper

156 100

77 155.8 79.6 238.8

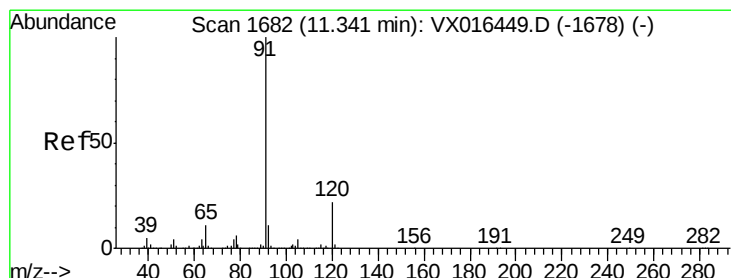
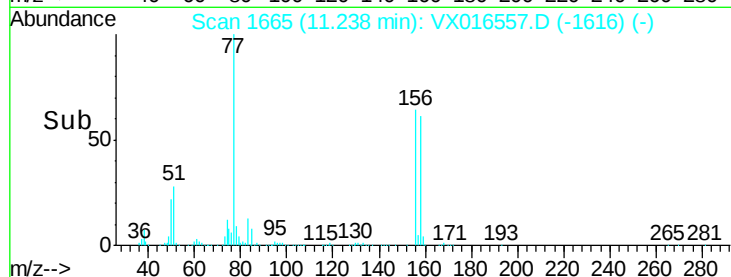
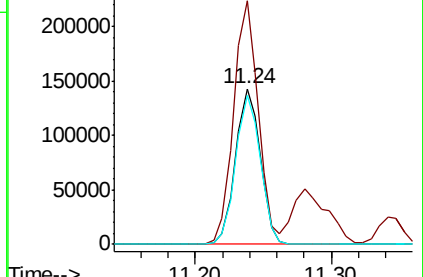
158 95.7 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 53.944 ug/l

RT: 11.34 min Scan# 1682

Delta R.T. 0.00 min

Lab File: VX016557.D

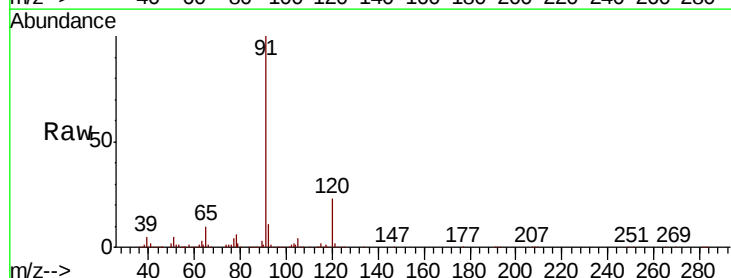
Acq: 03 Jun 2020 10:36

Tgt Ion: 91 Resp: 797561

Ion Ratio Lower Upper

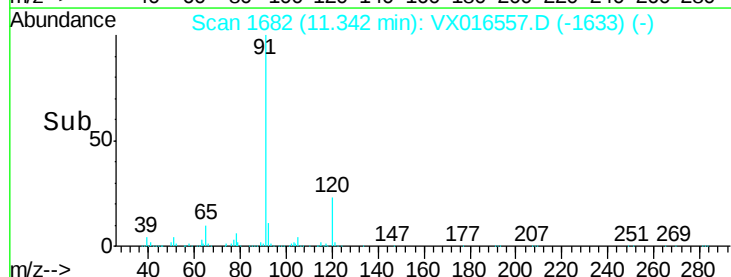
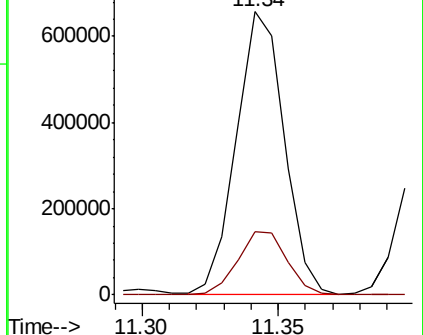
91 100

120 23.3 11.6 34.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 53.256 ug/l

RT: 11.40 min Scan# 1692

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

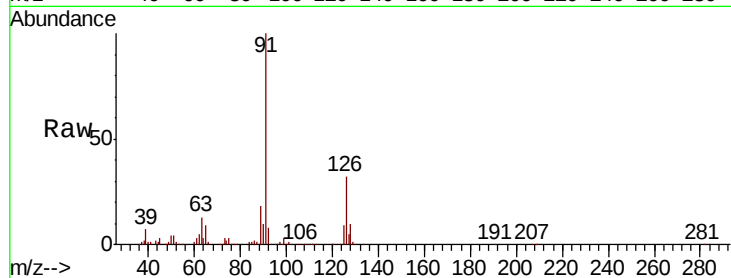
VSTDCCC050

Tot Ion: 91 Resp: 480625

Ion Ratio Lower Upper

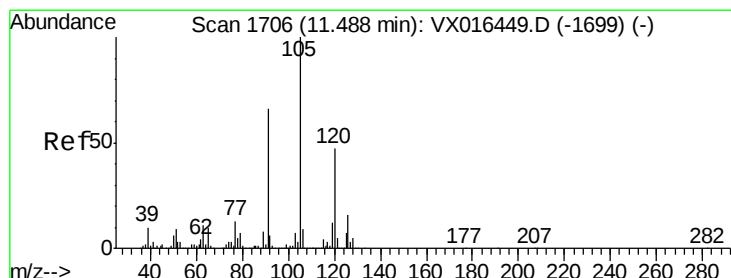
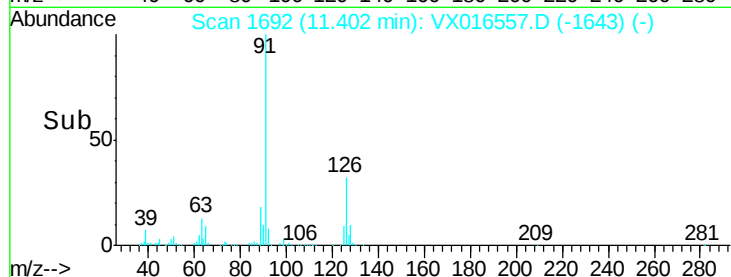
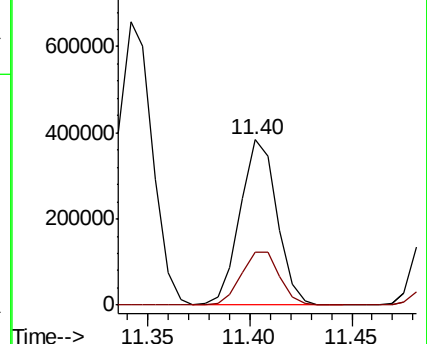
91 100

126 33.6 16.8 50.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 54.356 ug/l

RT: 11.49 min Scan# 1706

Delta R.T. 0.00 min

Lab File: VX016557.D

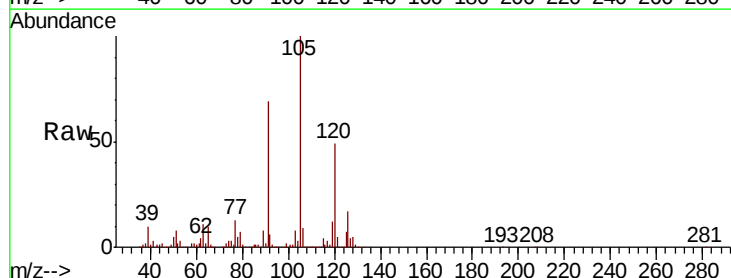
Acq: 03 Jun 2020 10:36

Tgt Ion: 105 Resp: 600634

Ion Ratio Lower Upper

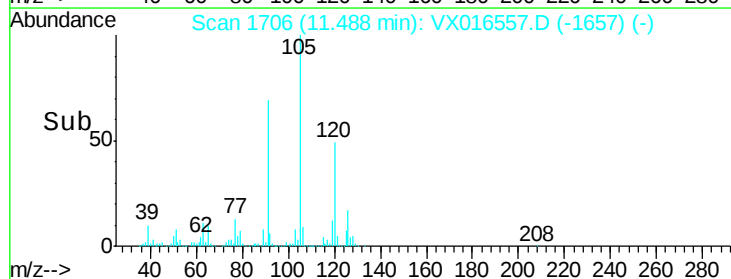
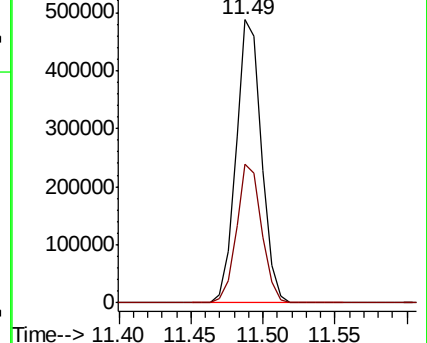
105 100

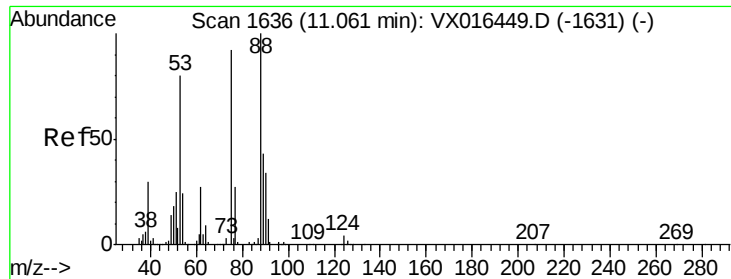
120 48.7 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

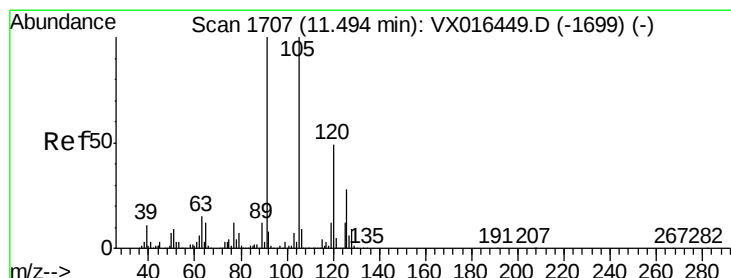
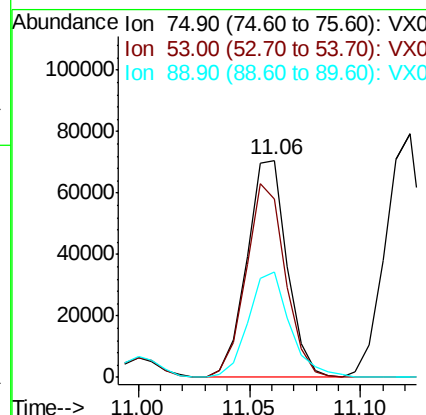
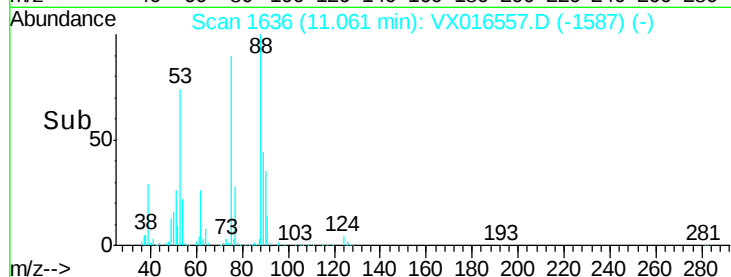
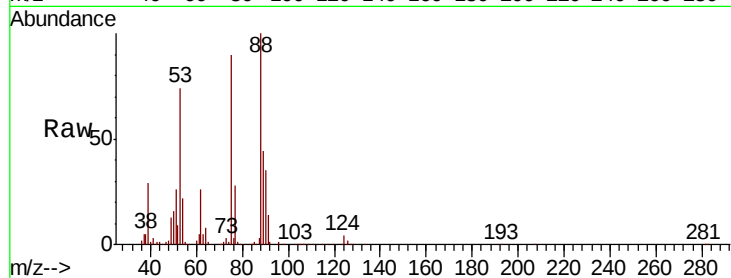




#81
trans-1,4-Dichloro-2-butene
Concen: 52.118 ug/l
RT: 11.06 min Scan# 1636
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

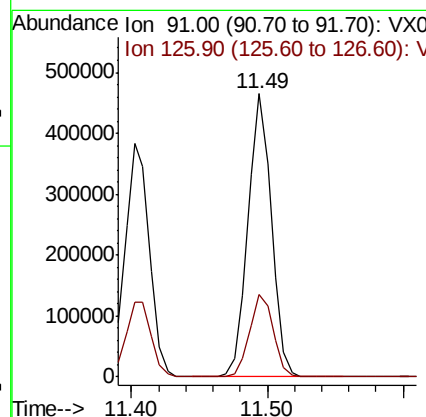
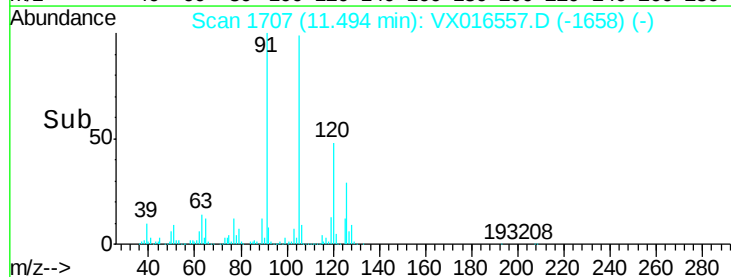
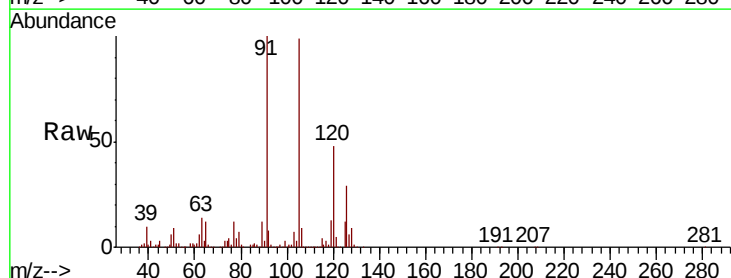
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

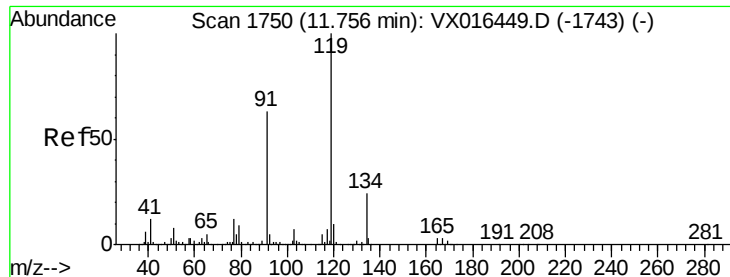
Tot Ion: 75 Resp: 88949
Ion Ratio Lower Upper
75 100
53 87.5 71.3 106.9
89 50.5 36.6 55.0



#82
4-Chlorotoluene
Concen: 52.524 ug/l
RT: 11.49 min Scan# 1707
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion: 91 Resp: 559760
Ion Ratio Lower Upper
91 100
126 29.8 14.7 44.1

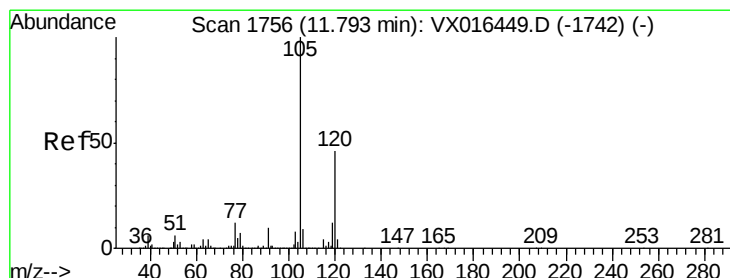
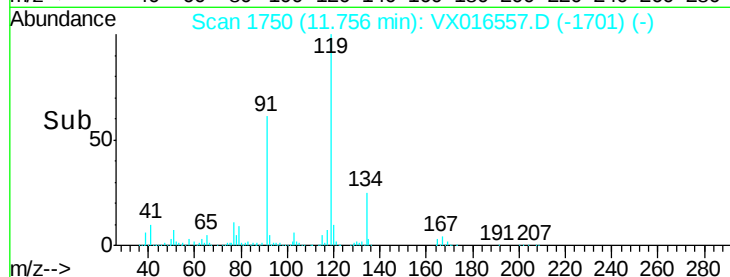
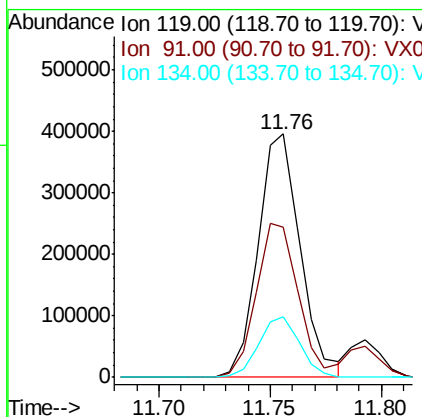
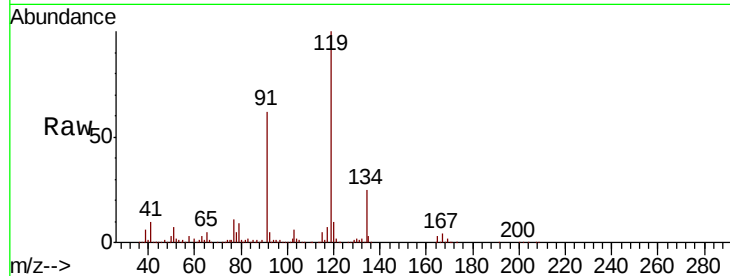




#83
tert-Butylbenzene
Concen: 55.120 ug/l
RT: 11.76 min Scan# 1750
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

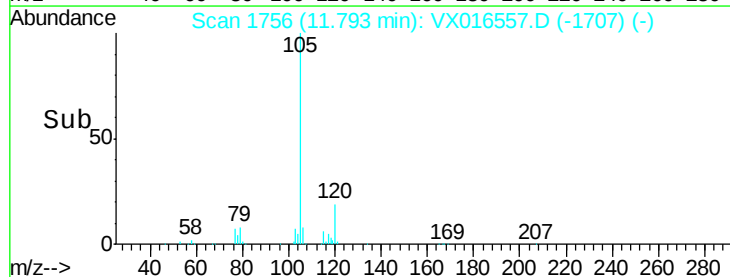
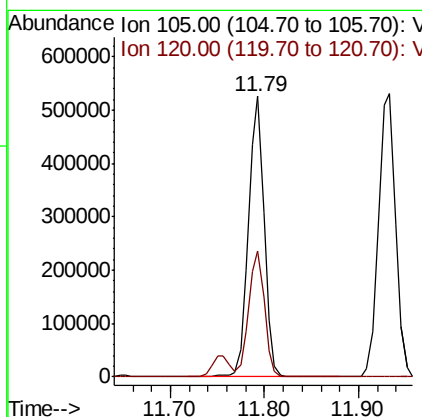
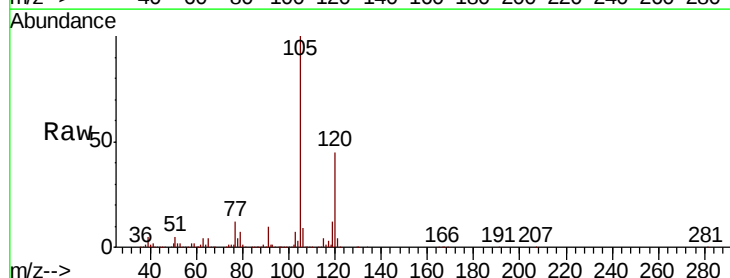
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:119 Resp: 520434
Ion Ratio Lower Upper
119 100
91 62.5 31.3 93.8
134 24.1 12.0 36.0



#84
1,2,4-Trimethylbenzene
Concen: 54.720 ug/l
RT: 11.79 min Scan# 1756
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion:105 Resp: 611504
Ion Ratio Lower Upper
105 100
120 45.0 22.6 67.7





#85

sec-Butylbenzene

Concen: 56.009 ug/l

RT: 11.93 min Scan# 1779

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

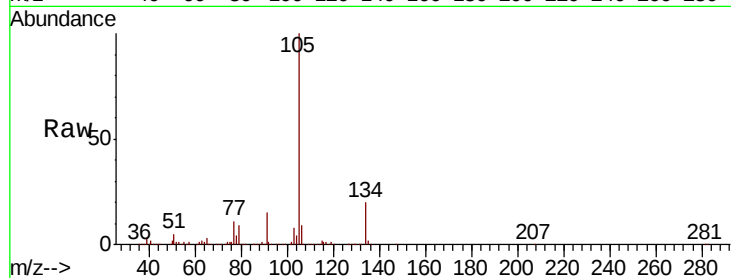
VSTDCCC050

Tot Ion:105 Resp: 663391

Ion Ratio Lower Upper

105 100

134 19.9 10.1 30.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.93

600000

500000

400000

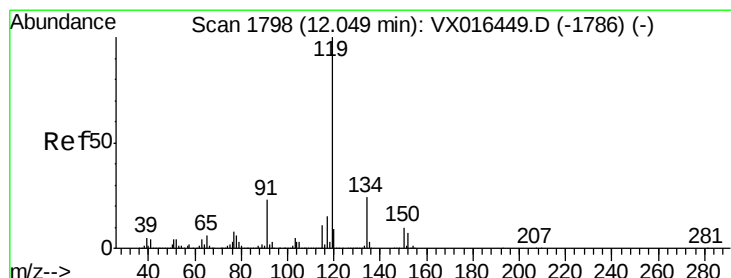
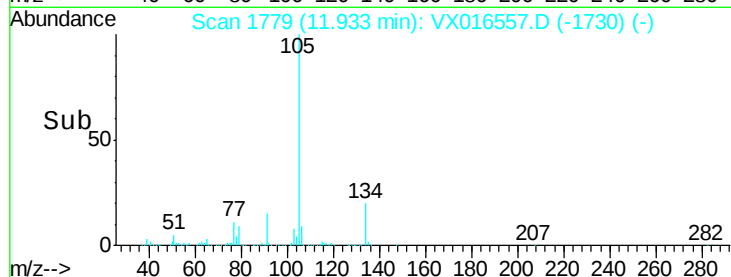
300000

200000

100000

0

Time-->



#86

p-Isopropyltoluene

Concen: 56.937 ug/l

RT: 12.05 min Scan# 1798

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

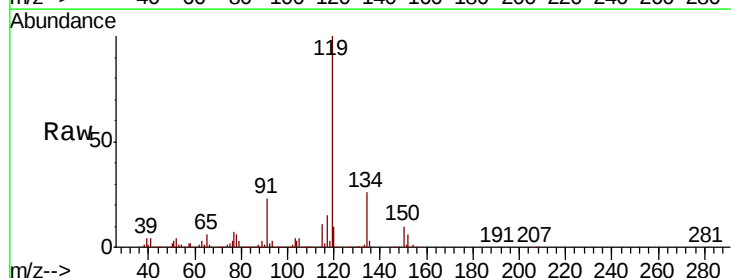
Tgt Ion:119 Resp: 631715

Ion Ratio Lower Upper

119 100

134 26.0 12.7 38.0

91 23.5 11.7 35.0



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

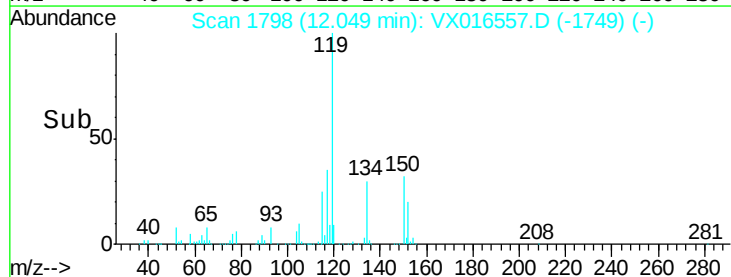
600000

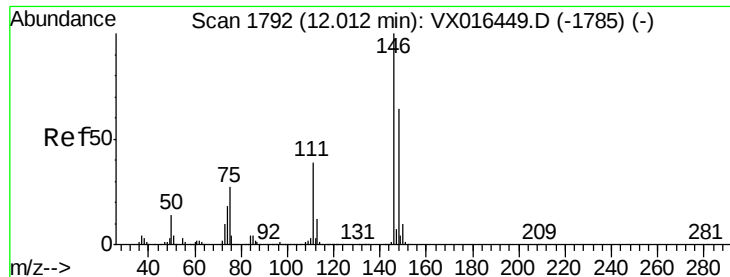
400000

200000

0

Time-->

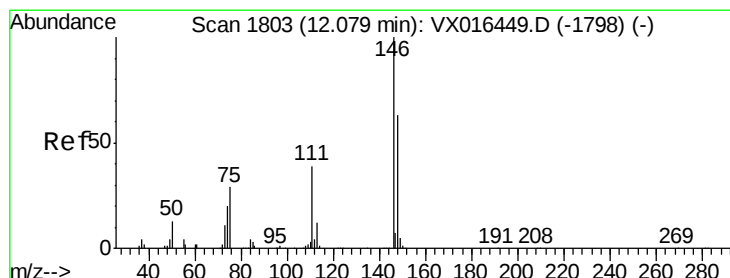
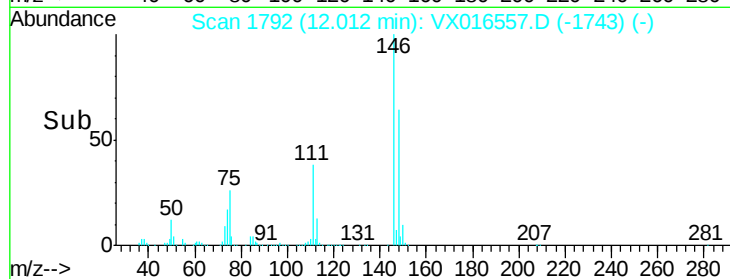
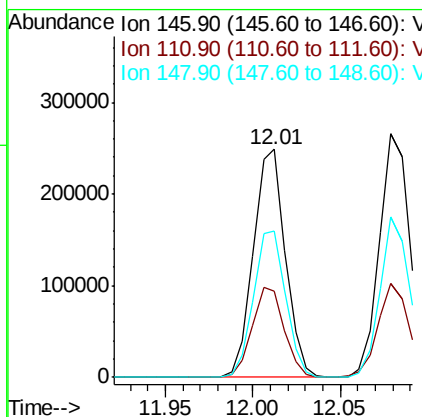
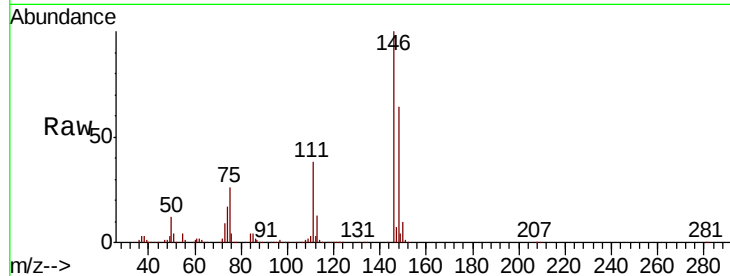




#87
 1,3-Dichlorobenzene
 Concen: 52.521 ug/l
 RT: 12.01 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

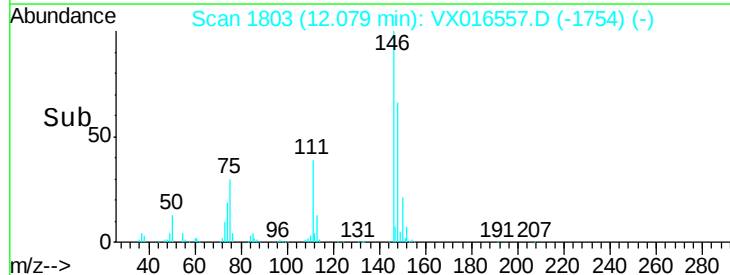
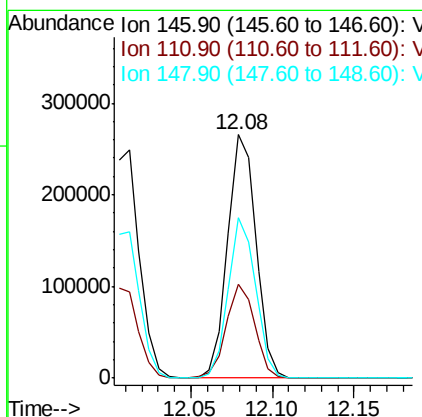
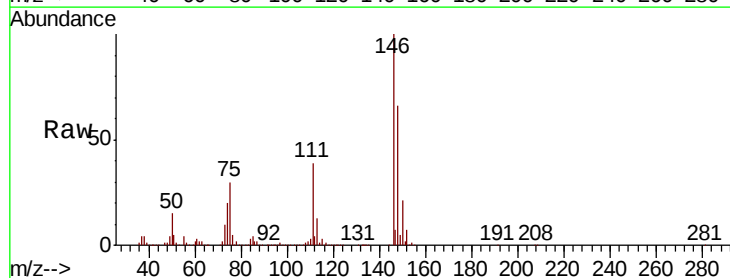
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

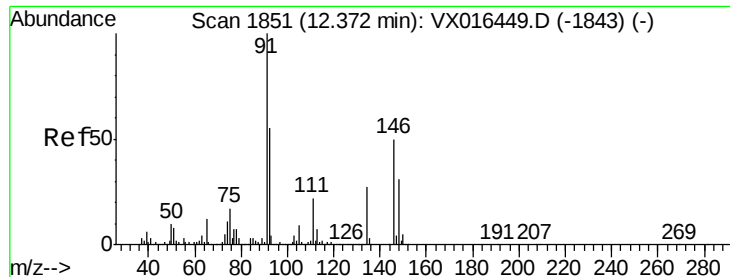
Tot Ion	Ratio	Lower	Upper
146	100		
111	39.8	20.0	60.0
148	64.7	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 52.482 ug/l
 RT: 12.08 min Scan# 1803
 Delta R.T. 0.00 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	39.0	19.4	58.2
148	63.5	31.4	94.3

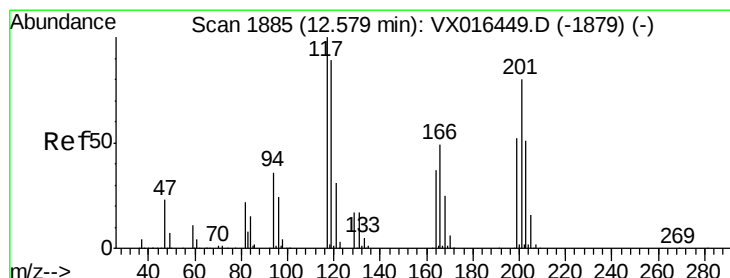
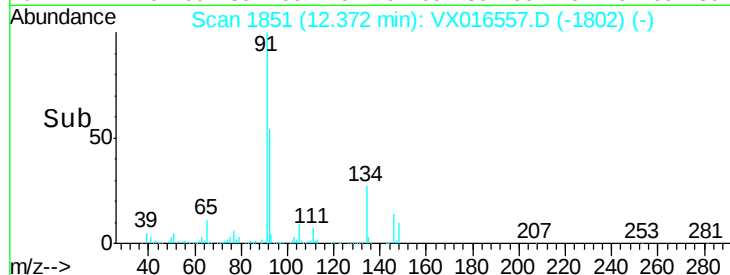
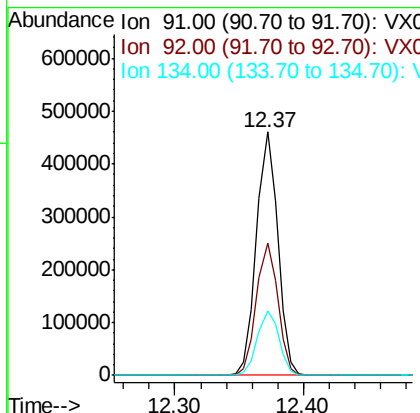
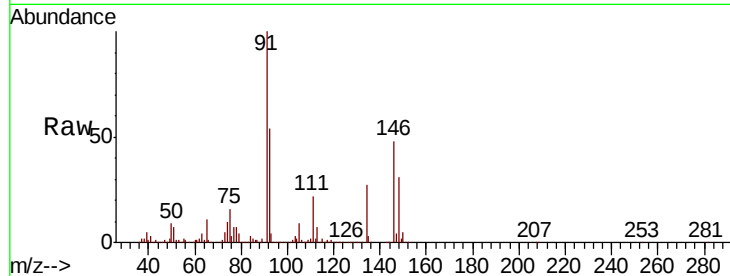




#89
n-Butylbenzene
Concen: 56.624 ug/l
RT: 12.37 min Scan# 1851
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

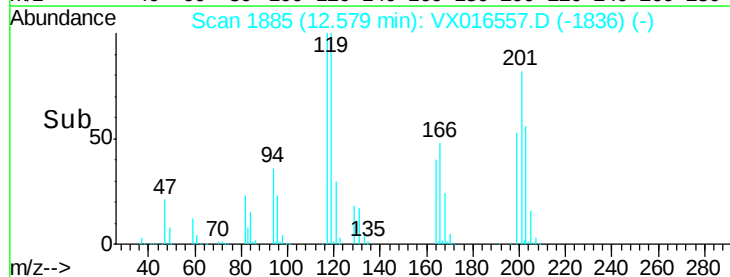
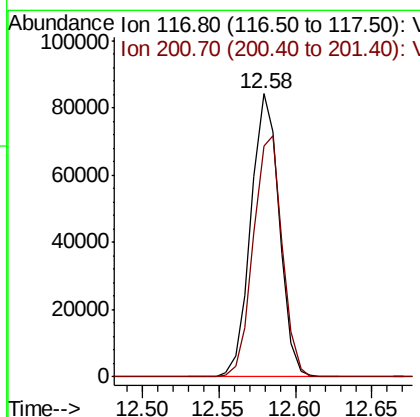
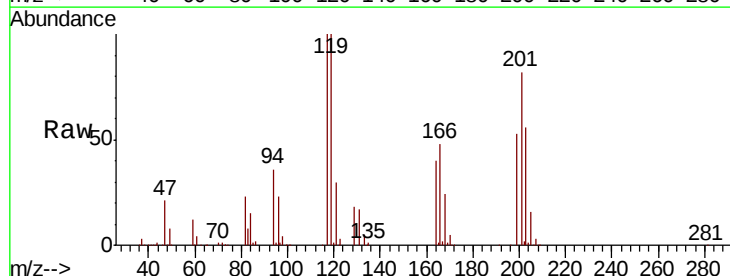
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

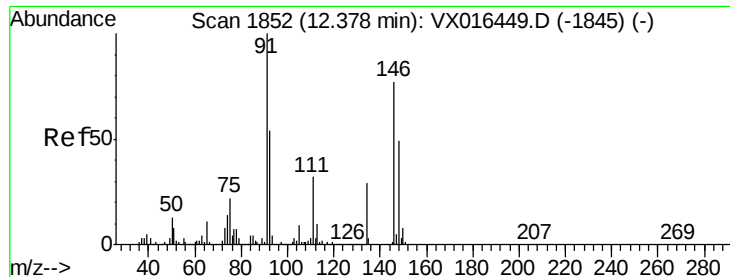
Tot Ion: 91 Resp: 523285
Ion Ratio Lower Upper
91 100
92 54.8 27.2 81.5
134 26.9 13.1 39.3



#90
Hexachloroethane
Concen: 56.781 ug/l
RT: 12.58 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX016557.D
Acq: 03 Jun 2020 10:36

Tgt Ion: 117 Resp: 108817
Ion Ratio Lower Upper
117 100
201 86.7 43.1 129.3





#91

1,2-Dichlorobenzene

Concen: 51.959 ug/l

RT: 12.38 min Scan# 1852

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

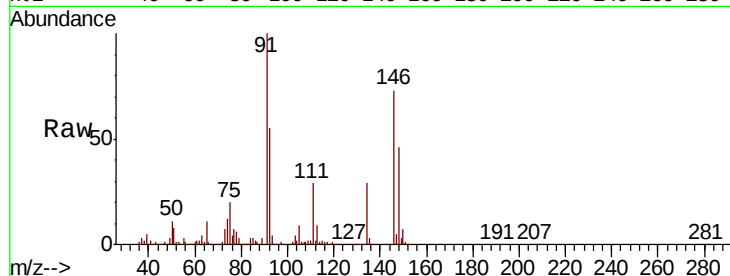
Tot Ion:146 Resp: 302714

Ion Ratio Lower Upper

146 100

111 41.7 21.4 64.3

148 63.5 31.9 95.7

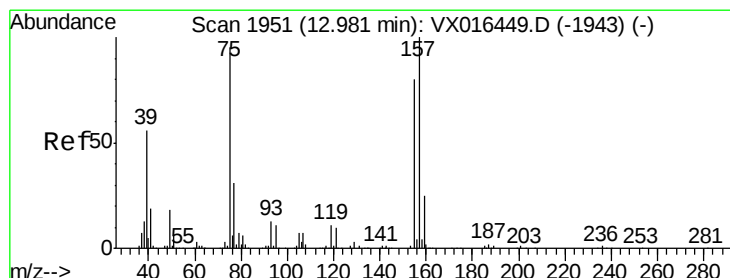
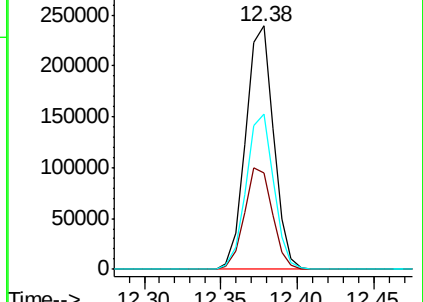
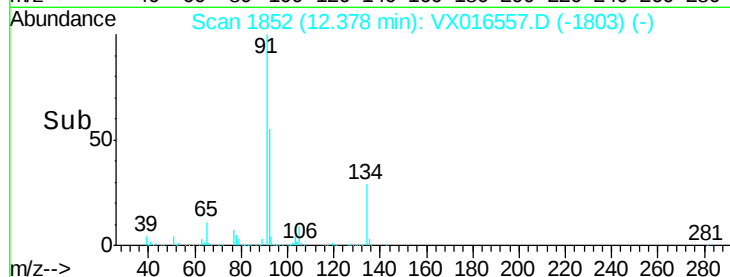


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

Time-->



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.057 ug/l

RT: 12.98 min Scan# 1951

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

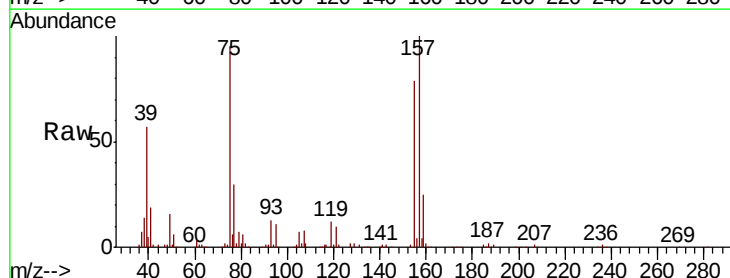
Tgt Ion: 75 Resp: 52702

Ion Ratio Lower Upper

75 100

155 89.5 44.1 132.4

157 116.8 57.8 173.3

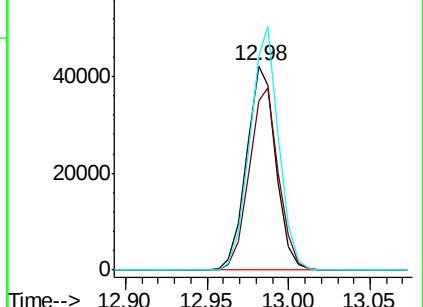
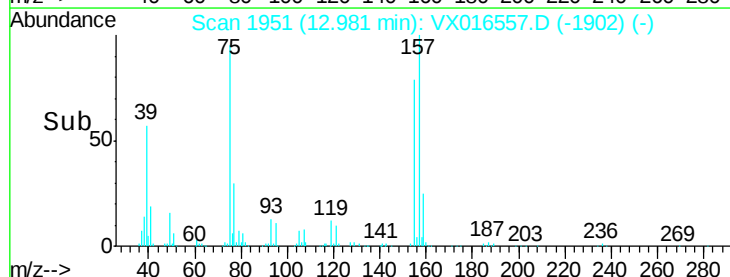


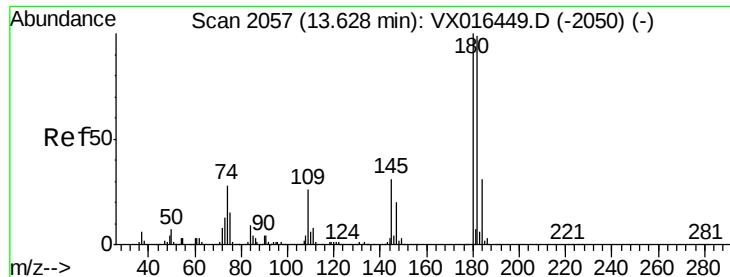
Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

Time-->

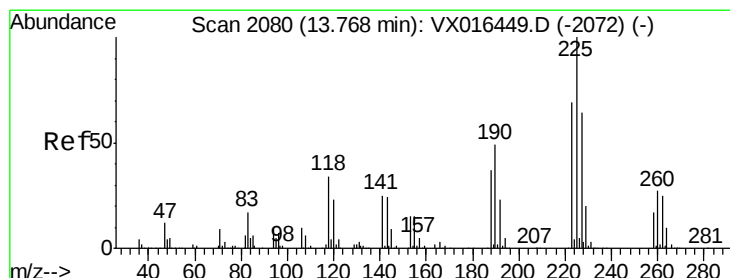
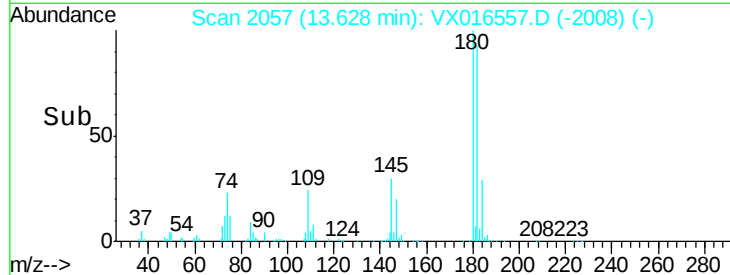
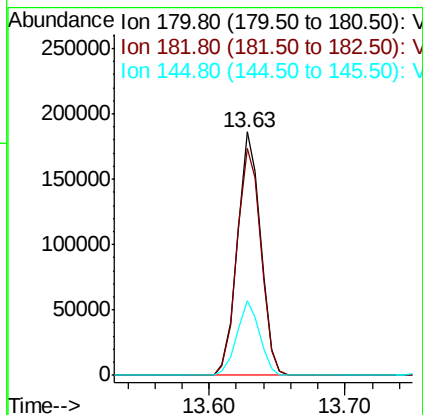
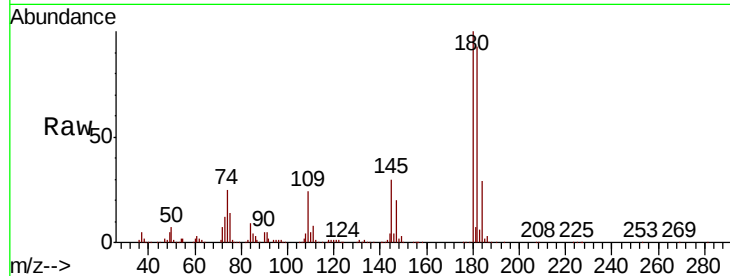




#93
 1,2,4-Trichlorobenzene
 Concen: 56.863 ug/l
 RT: 13.63 min Scan# 2057
 Delta R.T. 0.00 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

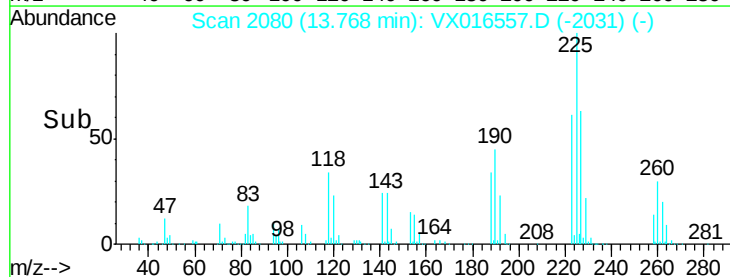
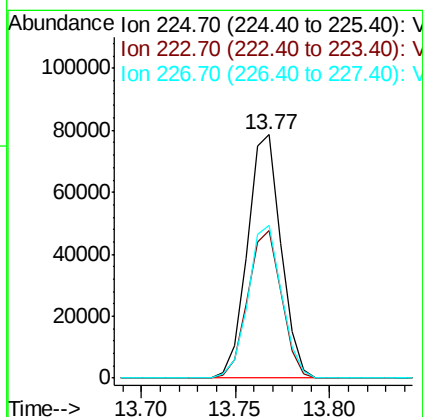
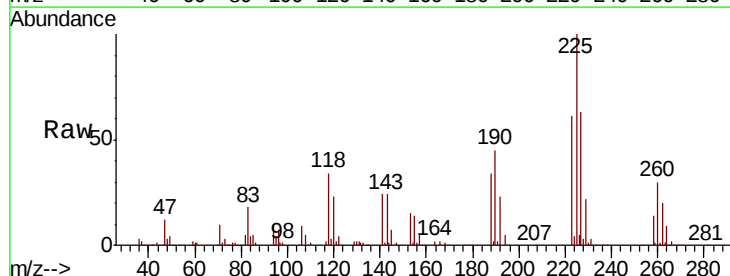
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

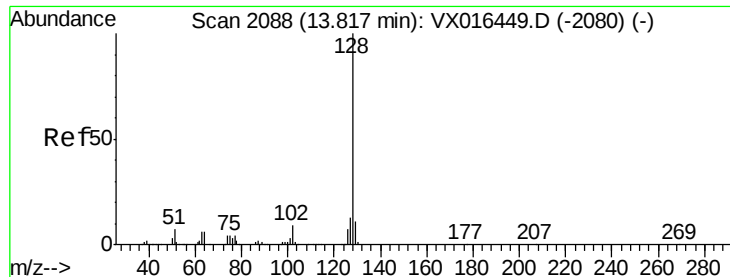
Tot Ion:180 Resp: 220019
 Ion Ratio Lower Upper
 180 100
 182 96.3 48.3 144.8
 145 29.9 15.4 46.2



#94
 Hexachlorobutadiene
 Concen: 63.935 ug/l
 RT: 13.77 min Scan# 2080
 Delta R.T. 0.00 min
 Lab File: VX016557.D
 Acq: 03 Jun 2020 10:36

Tgt Ion:225 Resp: 97129
 Ion Ratio Lower Upper
 225 100
 223 60.8 32.3 96.8
 227 62.4 31.6 94.7





#95

Naphthalene

Concen: 53.644 ug/l

RT: 13.82 min Scan# 2088

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

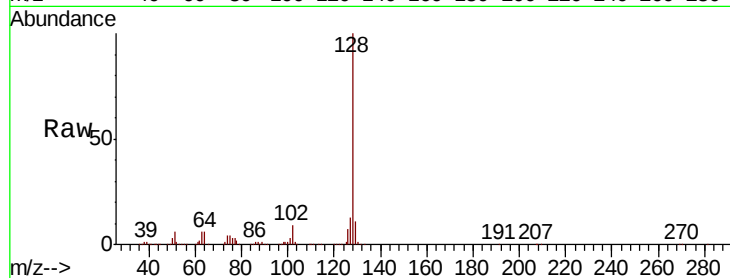
Tot Ion:128 Resp: 711561

Ion Ratio Lower Upper

128 100

127 12.7 10.6 15.8

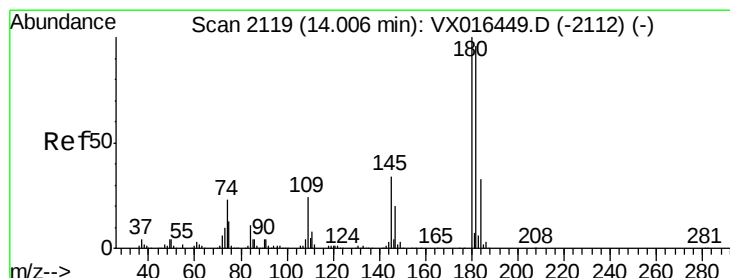
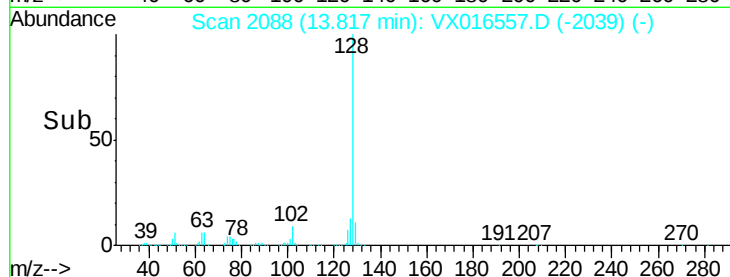
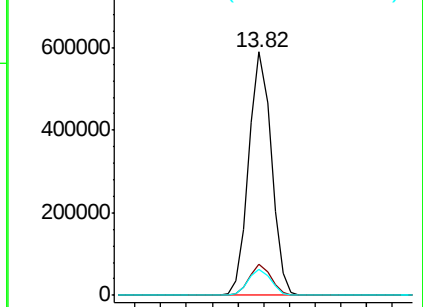
129 11.0 8.6 13.0



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: 56.689 ug/l

RT: 14.01 min Scan# 2119

Delta R.T. 0.00 min

Lab File: VX016557.D

Acq: 03 Jun 2020 10:36

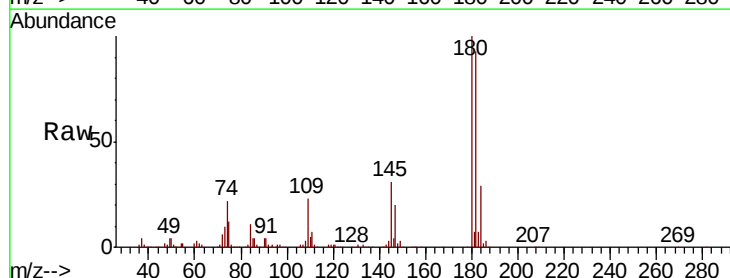
Tgt Ion:180 Resp: 214892

Ion Ratio Lower Upper

180 100

182 94.7 48.6 145.8

145 32.2 16.6 49.8



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

