

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013019\
 Data File : VX007302.D
 Acq On : 30 Jan 2019 08:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 31 00:12:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	502282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	724585	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	680533	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	371781	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	232652	44.32	ug/l	0.00
Spiked Amount			Recovery	=	88.64%	
35) Dibromofluoromethane	5.50	113	214069	46.13	ug/l	0.00
Spiked Amount			Recovery	=	92.26%	
50) Toluene-d8	8.71	98	783080	46.11	ug/l	0.00
Spiked Amount			Recovery	=	92.22%	
62) 4-Bromofluorobenzene	11.13	95	296331	50.05	ug/l	0.00
Spiked Amount			Recovery	=	100.10%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	167413	40.588	ug/l	99
3) Chloromethane	1.33	50	193511	40.300	ug/l	99
4) Vinyl Chloride	1.41	62	207511	40.175	ug/l	99
5) Bromomethane	1.64	94	213929	38.766	ug/l	100
6) Chloroethane	1.71	64	137434	38.106	ug/l	98
7) Trichlorofluoromethane	1.93	101	347151	41.596	ug/l	99
8) Diethyl Ether	2.19	74	140215	42.230	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	215973	43.224	ug/l	99
10) Methyl Iodide	2.51	142	313749	46.551	ug/l	99
11) Tert butyl alcohol	3.07	59	232264	187.571	ug/l	100
12) 1,1-Dichloroethene	2.38	96	187047	40.518	ug/l	95
13) Acrolein	2.29	56	82326	155.338	ug/l	99
14) Allyl chloride	2.73	41	332719	42.055	ug/l	100
15) Acrylonitrile	3.15	53	612687	215.536	ug/l	99
16) Acetone	2.45	43	620324	239.039	ug/l	99
17) Carbon Disulfide	2.57	76	397816	33.471	ug/l	99
18) Methyl Acetate	2.78	43	348233	46.337	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	706260	44.078	ug/l	99
20) Methylene Chloride	2.86	84	225331	45.602	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	206427	40.126	ug/l	99
22) Diisopropyl ether	3.87	45	675486	45.415	ug/l	97
23) Vinyl Acetate	3.82	43	2837942	226.252	ug/l	99
24) 1,1-Dichloroethane	3.70	63	385794	46.387	ug/l	99
25) 2-Butanone	4.70	43	822492	221.506	ug/l	99
26) 2,2-Dichloropropane	4.59	77	292619	45.755	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	239045	42.127	ug/l	97
28) Bromochloromethane	5.02	49	162082	44.481	ug/l	94
29) Tetrahydrofuran	5.15	42	501343	207.759	ug/l	96
30) Chloroform	5.21	83	391421	44.951	ug/l	99
31) Cyclohexane	5.57	56	301172	40.686	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	334390	45.306	ug/l	99
36) 1,1-Dichloropropene	5.80	75	273452	43.407	ug/l	99
37) Ethyl Acetate	4.85	43	299321	44.319	ug/l	97
38) Carbon Tetrachloride	5.79	117	294412	46.450	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	339964	42.331	ug/l	96
40) Benzene	6.14	78	844624	43.940	ug/l	98
41) Methacrylonitrile	5.05	41	167401	43.026	ug/l	98
42) 1,2-Dichloroethane	6.20	62	295768	44.527	ug/l	99
43) Isopropyl Acetate	6.45	43	485820	45.603	ug/l	98
44) Trichloroethene	7.21	130	257277	44.665	ug/l	95
45) 1,2-Dichloropropane	7.51	63	220846	45.700	ug/l	98
46) Dibromomethane	7.66	93	155717	45.849	ug/l	97
47) Bromodichloromethane	7.90	83	290035	50.170	ug/l	99
48) Methyl methacrylate	7.77	41	253514	46.339	ug/l	98
49) 1,4-Dioxane	7.75	88	97981	782.375	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1632616	238.463	ug/l	99
52) Toluene	8.78	92	560537	45.370	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	325138	50.720	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	349602	49.384	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	247632	50.076	ug/l	99
56) Ethyl methacrylate	9.18	69	351288	48.660	ug/l	95
57) 1,3-Dichloropropane	9.37	76	385230	47.550	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	884942	238.410	ug/l	98
59) 2-Hexanone	9.49	43	1266001	242.652	ug/l	99
60) Dibromochloromethane	9.58	129	260131	54.173	ug/l	98
61) 1,2-Dibromoethane	9.67	107	256916	47.192	ug/l	100
64) Tetrachloroethene	9.34	164	267195	45.350	ug/l	96
65) Chlorobenzene	10.14	112	674097	45.416	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	247281	49.524	ug/l	99
67) Ethyl Benzene	10.25	91	1114984	45.503	ug/l	98
68) m/p-Xylenes	10.36	106	888218	92.005	ug/l	100
69) o-Xylene	10.70	106	435174	46.221	ug/l	98
70) Styrene	10.71	104	720941	48.348	ug/l	100
71) Bromoform	10.85	173	197849	44.829	ug/l	99
73) Isopropylbenzene	11.02	105	1182099	45.091	ug/l	99
74) N-amyl acetate	10.90	43	454276	43.039	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	353996	42.534	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	412284	54.723	ug/l	89
77) Bromobenzene	11.26	156	319309	44.205	ug/l	99
78) n-propylbenzene	11.36	91	1339954	46.560	ug/l	99
79) 2-Chlorotoluene	11.42	91	775807	44.782	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	986746	45.046	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	104172	42.354	ug/l	96
82) 4-Chlorotoluene	11.51	91	904869	45.112	ug/l	100
83) tert-Butylbenzene	11.77	119	973293	44.533	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	993693	45.111	ug/l	99
85) sec-Butylbenzene	11.94	105	1220943	46.777	ug/l	100
86) p-Isopropyltoluene	12.06	119	1090220	46.697	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	578493	44.308	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	579769	46.876	ug/l	100
89) n-Butylbenzene	12.39	91	950439	47.755	ug/l	98
90) Hexachloroethane	12.60	117	171432	46.228	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	570597	44.285	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	72050	43.773	ug/l	95

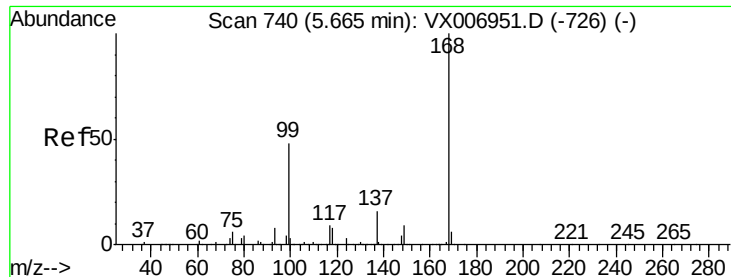
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX013019\
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	407473	46.095	ug/l	99
94) Hexachlorobutadiene	13.78	225	197911	50.452	ug/l	98
95) Naphthalene	13.83	128	1200480	44.817	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	408504	46.520	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

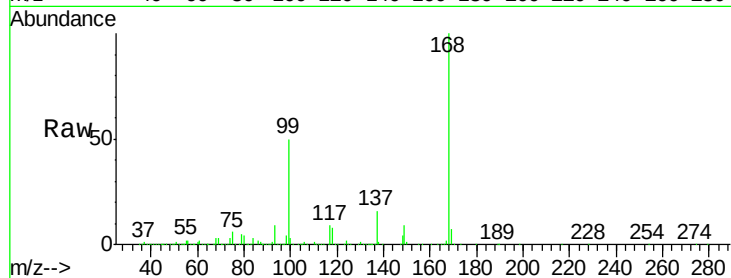
VSTDCCC050

Tot Ion:168 Resp: 502282

Ion Ratio Lower Upper

168 100

99 49.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

200000

150000

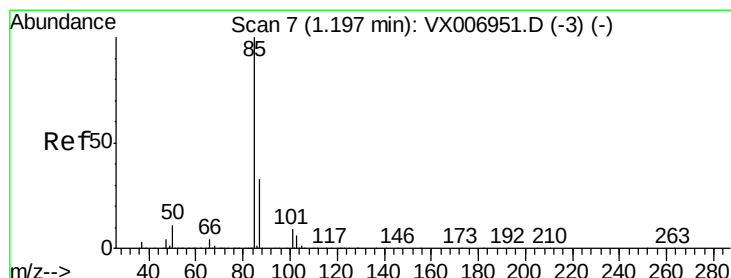
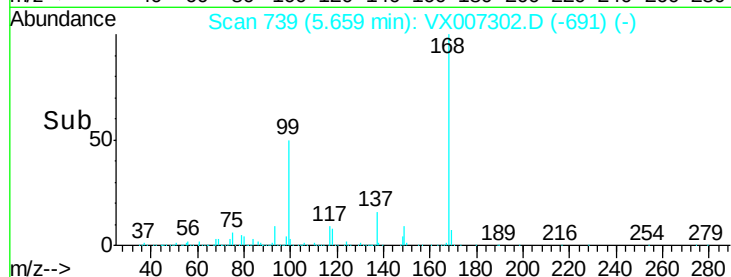
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 40.588 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX007302.D

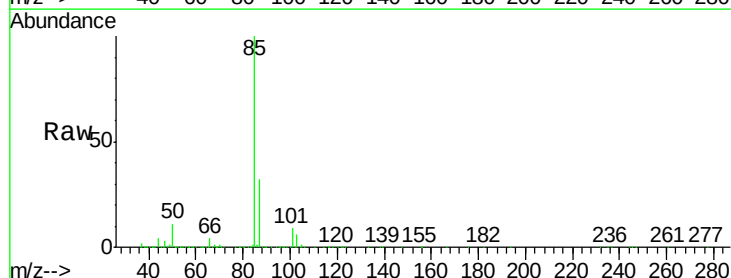
Acq: 30 Jan 2019 08:54

Tgt Ion: 85 Resp: 167413

Ion Ratio Lower Upper

85 100

87 32.5 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

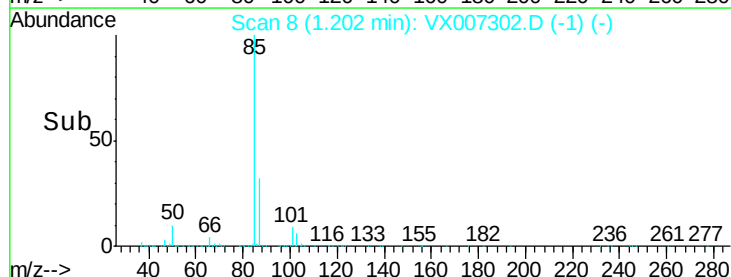
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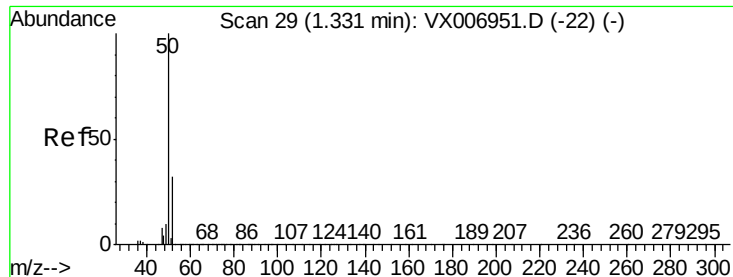
50000

0

Time-->

1.15 1.20 1.25 1.30 1.35





#3

Chloromethane

Concen: 40.300 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

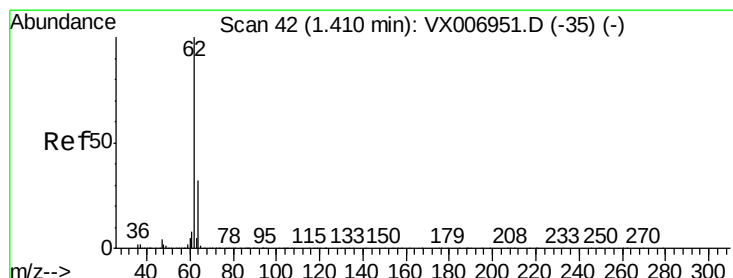
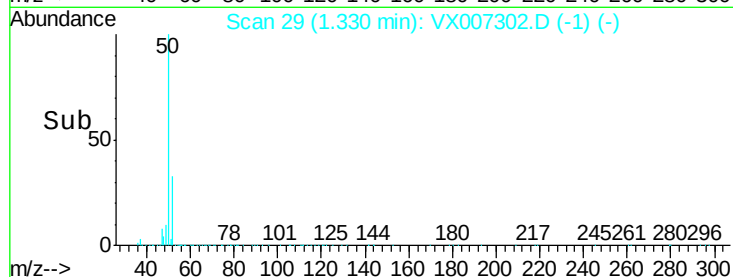
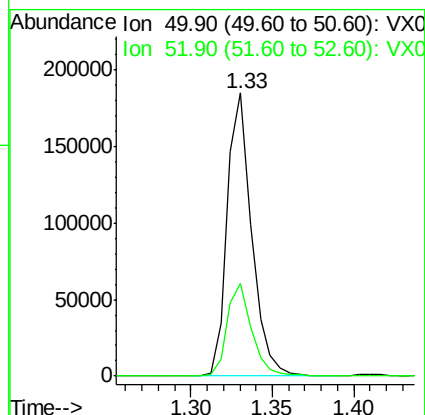
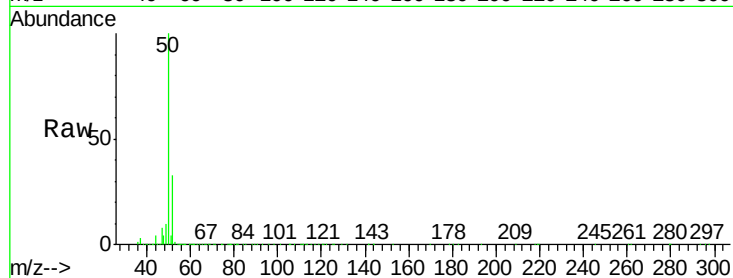
VSTDCCC050

Tot Ion: 50 Resp: 193511

Ion Ratio Lower Upper

50 100

52 32.6 25.4 38.2



#4

Vinyl Chloride

Concen: 40.175 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007302.D

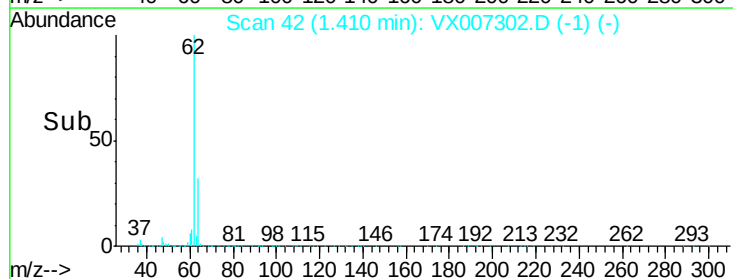
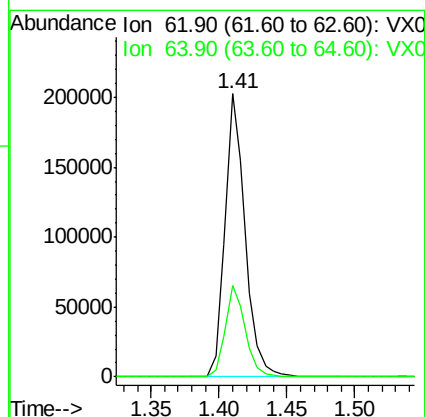
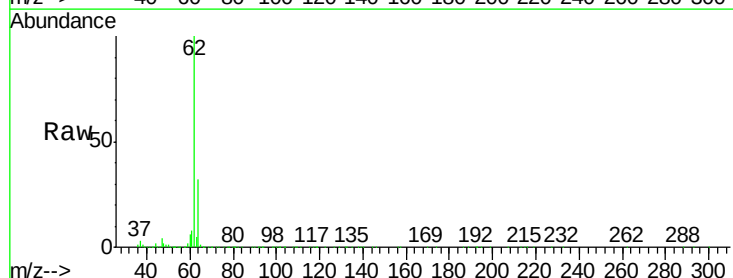
Acq: 30 Jan 2019 08:54

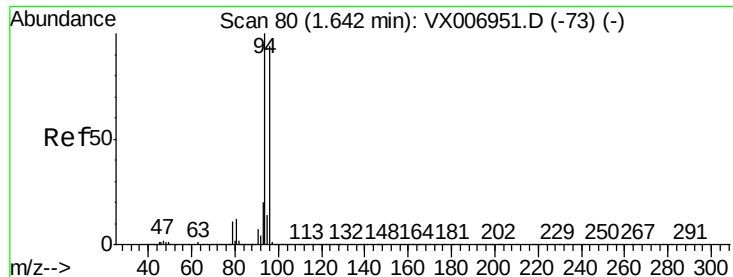
Tgt Ion: 62 Resp: 207511

Ion Ratio Lower Upper

62 100

64 32.1 25.1 37.7





#5

Bromomethane

Concen: 38.766 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

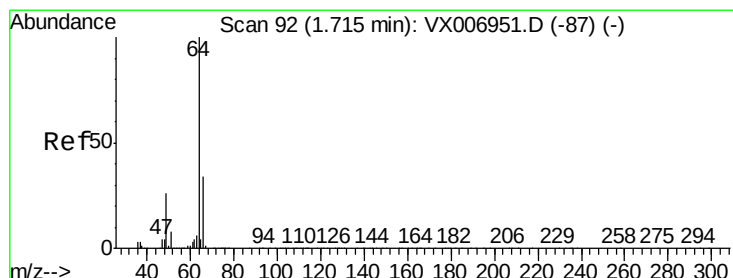
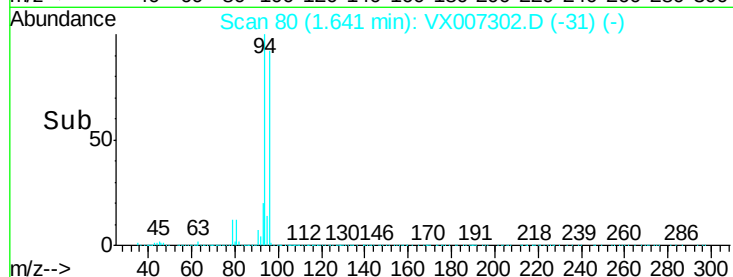
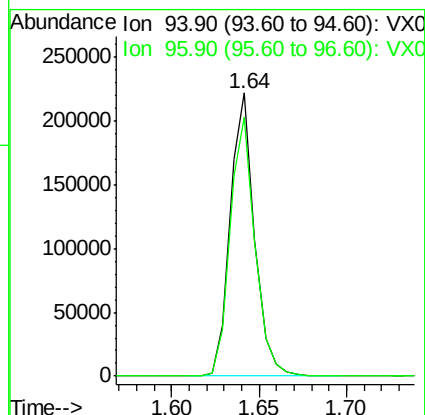
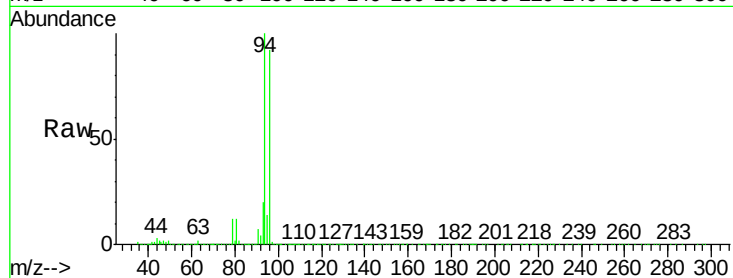
VSTDCCC050

Tot Ion: 94 Resp: 213929

Ion Ratio Lower Upper

94 100

96 91.7 73.4 110.2



#6

Chloroethane

Concen: 38.106 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX007302.D

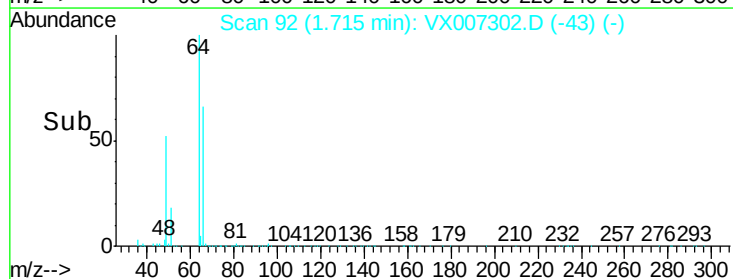
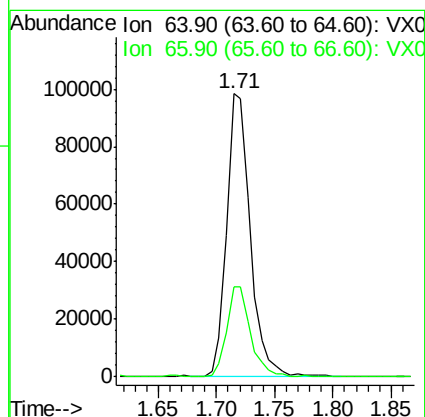
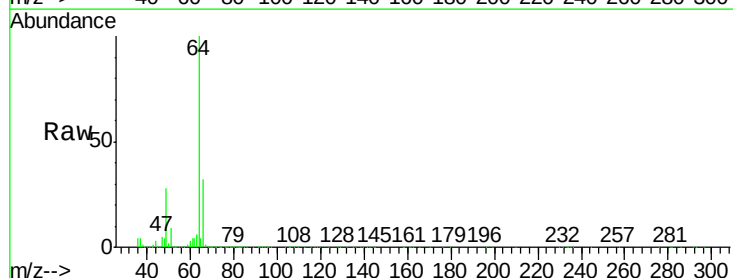
Acq: 30 Jan 2019 08:54

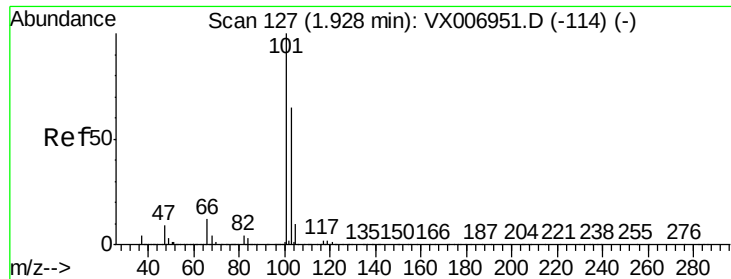
Tgt Ion: 64 Resp: 137434

Ion Ratio Lower Upper

64 100

66 31.7 26.4 39.6



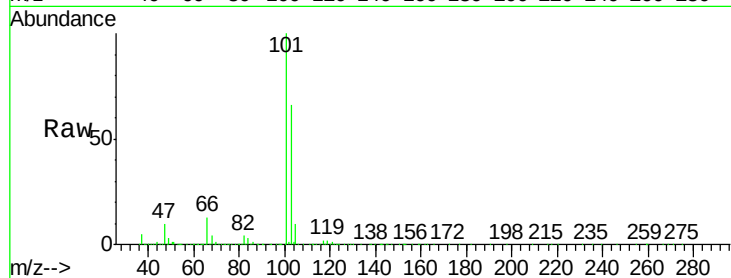


#7

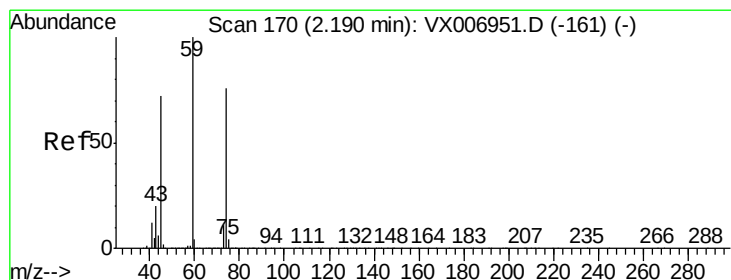
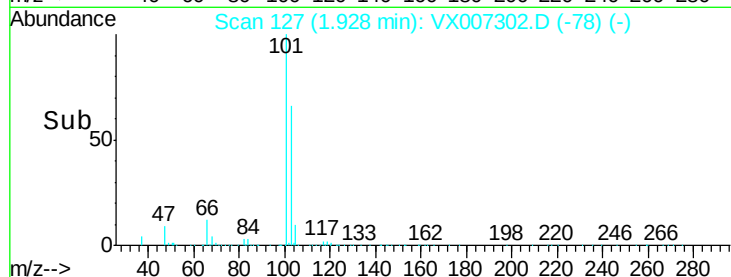
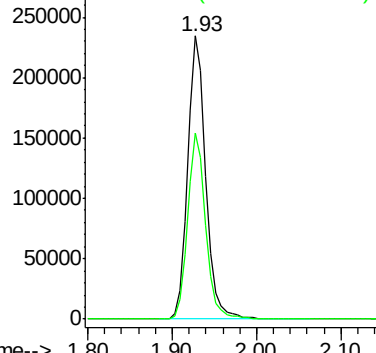
Trichlorofluoromethane
Concen: 41.596 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:101 Resp: 347151
Ion Ratio Lower Upper
101 100
103 65.7 53.2 79.8



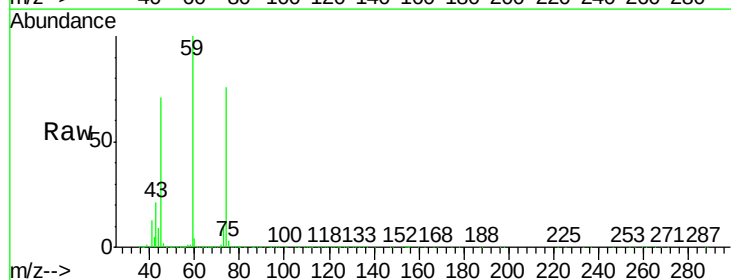
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



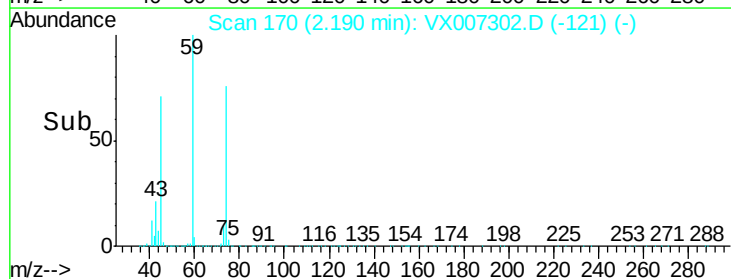
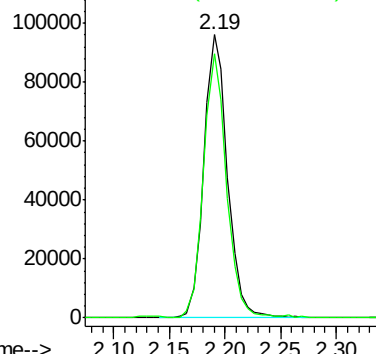
#8

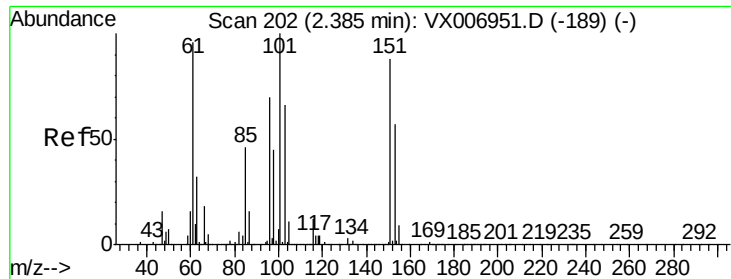
Diethyl Ether
Concen: 42.230 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Tgt Ion: 74 Resp: 140215
Ion Ratio Lower Upper
74 100
45 91.0 46.3 138.9



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 43.224 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

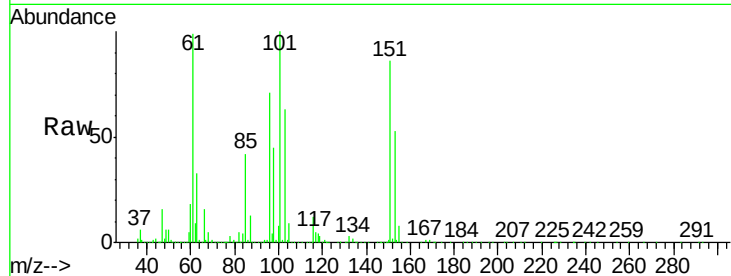
Tot Ion:101 Resp: 215973

Ion Ratio Lower Upper

101 100

85 43.4 35.1 52.7

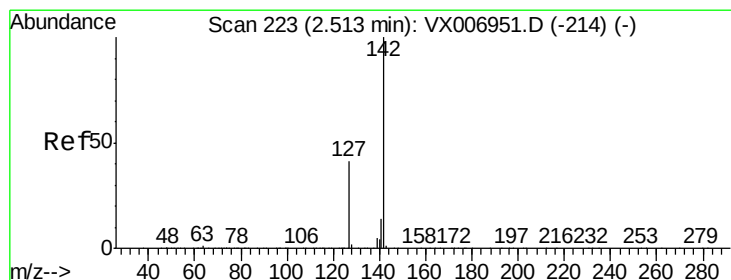
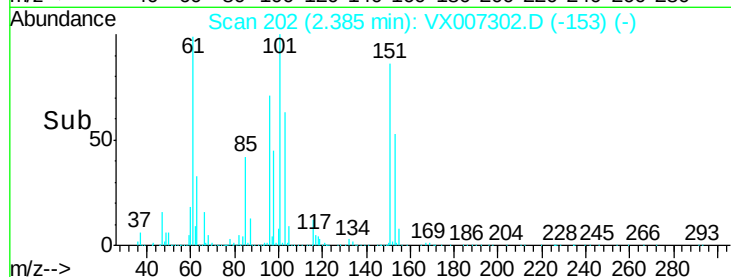
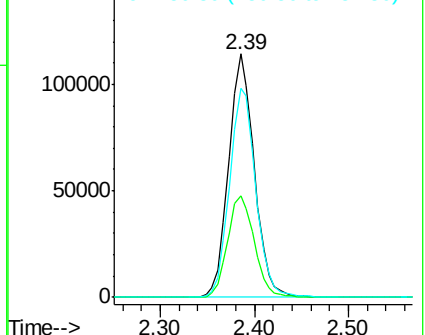
151 87.8 68.9 103.3



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: 46.551 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

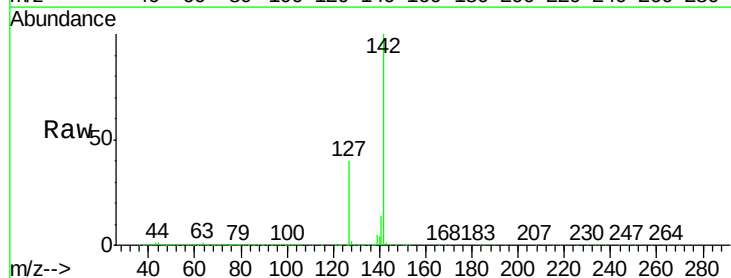
Tgt Ion:142 Resp: 313749

Ion Ratio Lower Upper

142 100

127 42.0 33.9 50.9

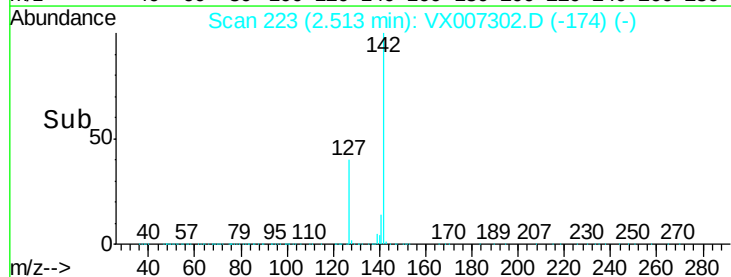
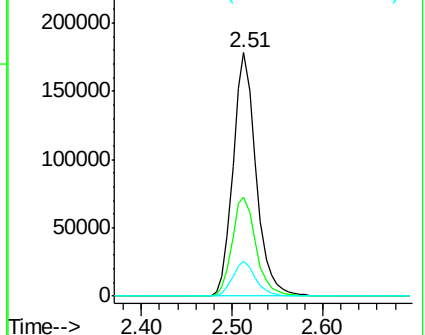
141 14.4 11.4 17.0

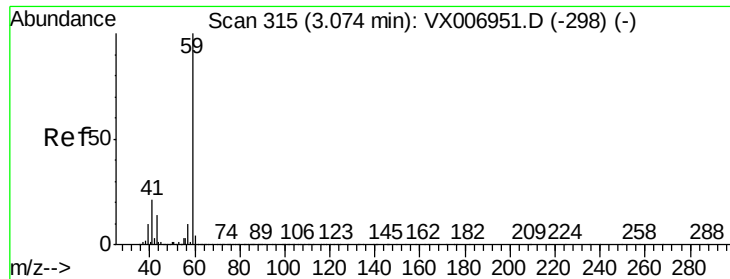


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

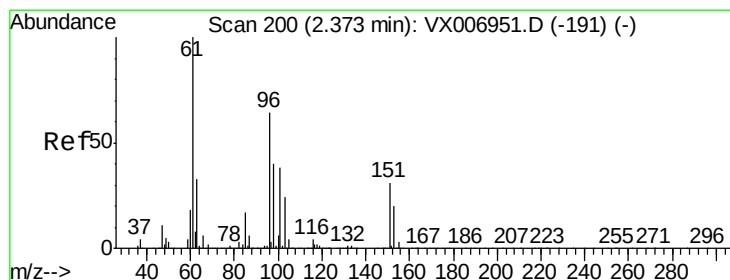
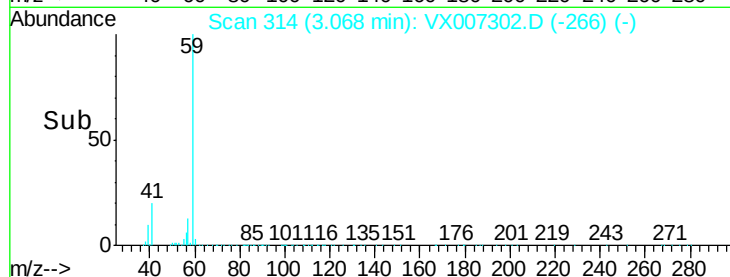
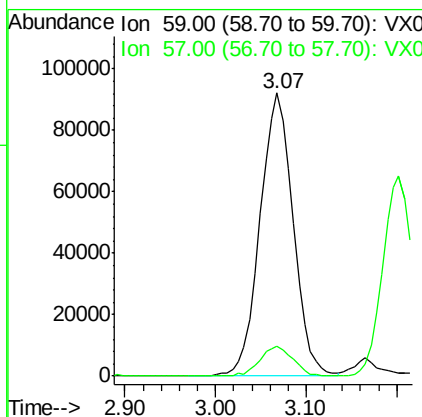
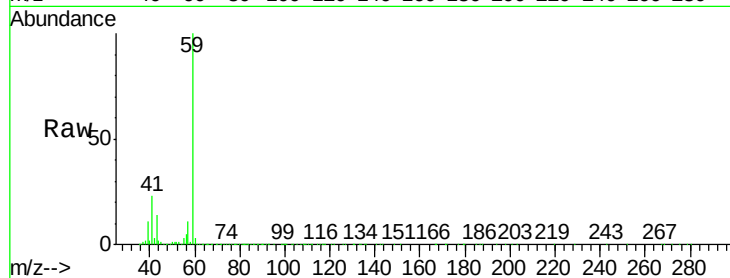




#11
Tert butyl alcohol
Concen: 187.571 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

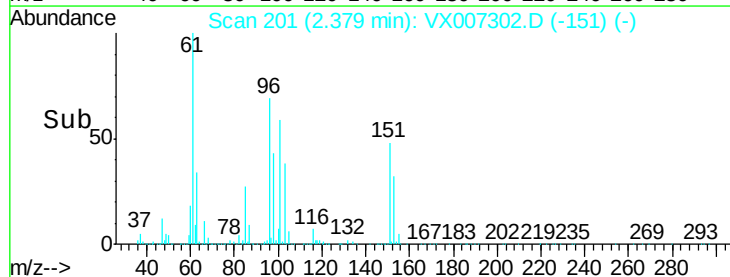
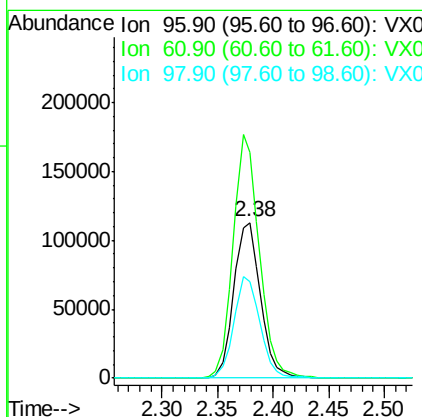
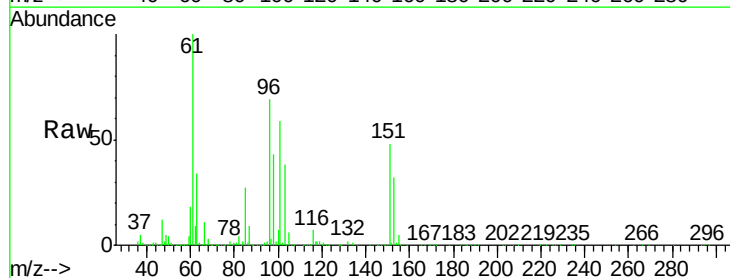
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

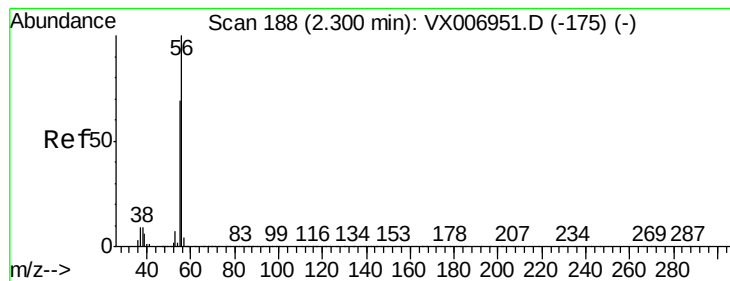
Tot Ion: 59 Resp: 232264
Ion Ratio Lower Upper
59 100
57 10.5 8.5 12.7



#12
1,1-Dichloroethene
Concen: 40.518 ug/l
RT: 2.38 min Scan# 201
Delta R.T. 0.01 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Tgt Ion: 96 Resp: 187047
Ion Ratio Lower Upper
96 100
61 144.7 121.4 182.2
98 62.4 51.9 77.9





#13

Acrolein

Concen: 155.338 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

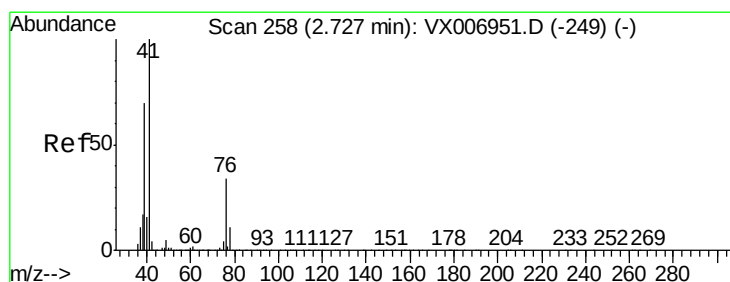
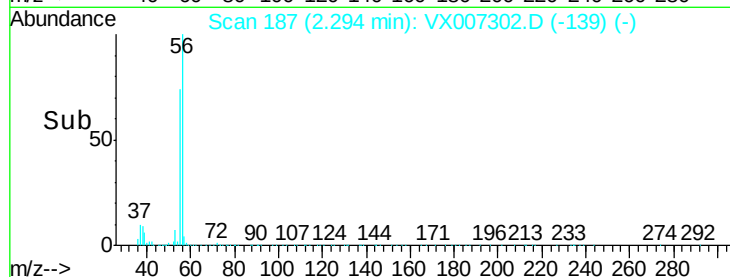
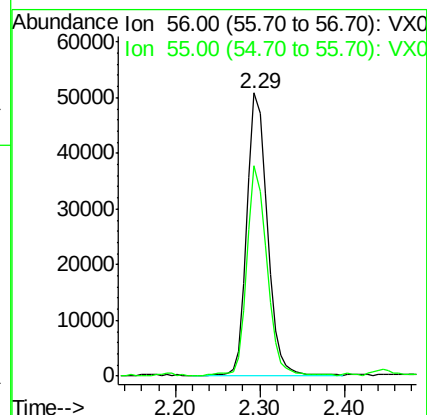
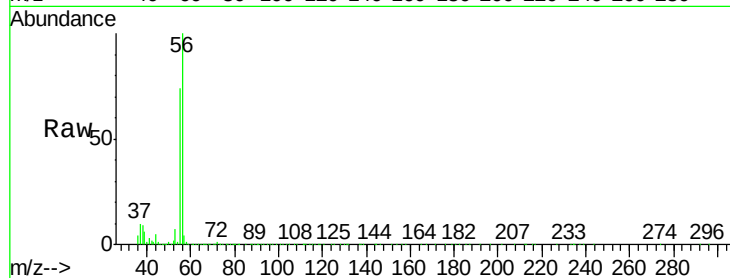
VSTDCCC050

Tot Ion: 56 Resp: 82326

Ion Ratio Lower Upper

56 100

55 72.0 58.2 87.4



#14

Allyl chloride

Concen: 42.055 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

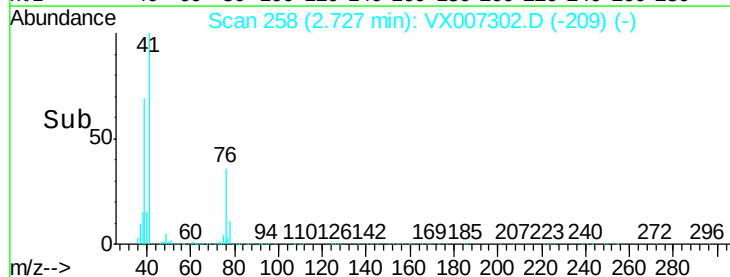
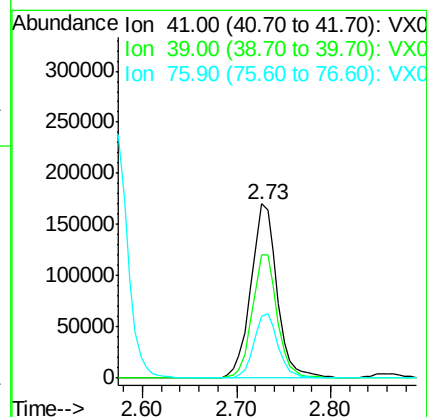
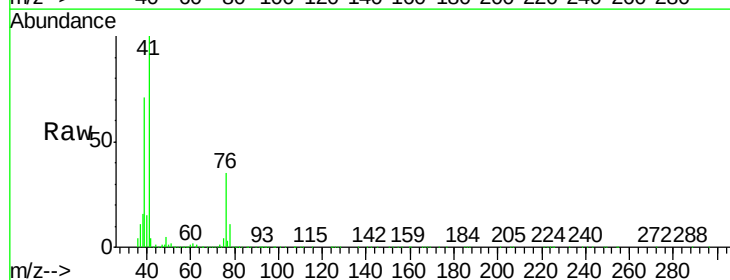
Tgt Ion: 41 Resp: 332719

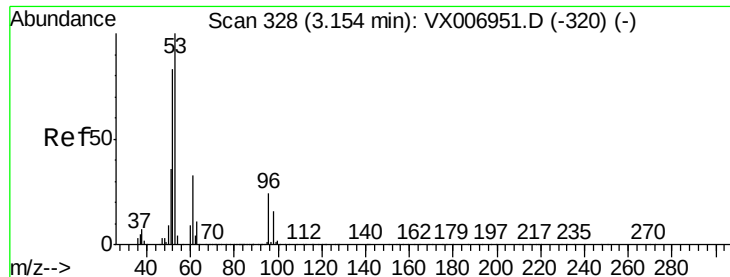
Ion Ratio Lower Upper

41 100

39 67.4 53.6 80.4

76 34.2 27.4 41.2





#15

Acrylonitrile

Concen: 215.536 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

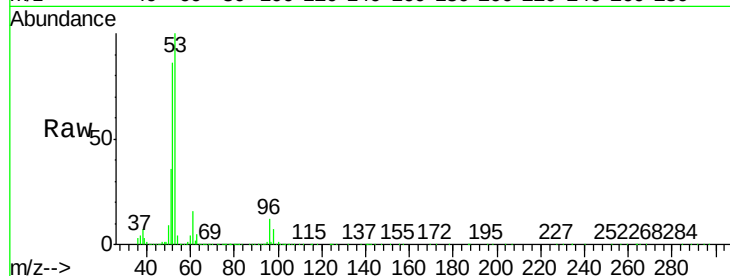
Tot Ion: 53 Resp: 612687

Ion Ratio Lower Upper

53 100

52 83.0 66.0 99.0

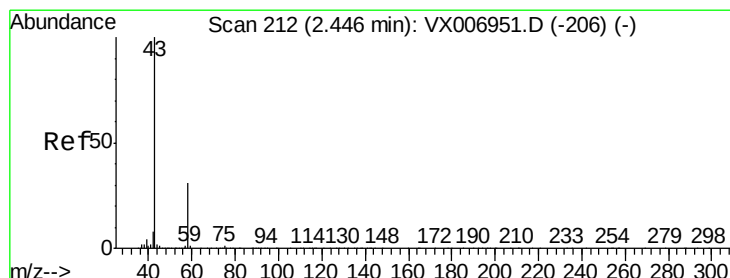
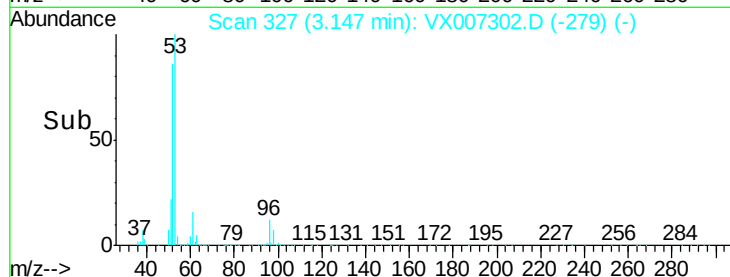
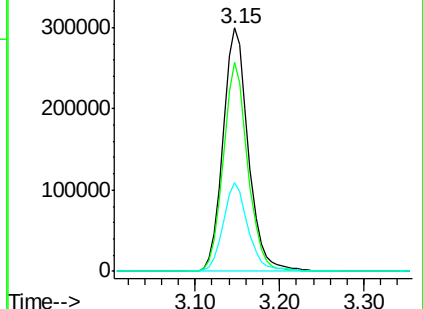
51 36.0 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 239.039 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007302.D

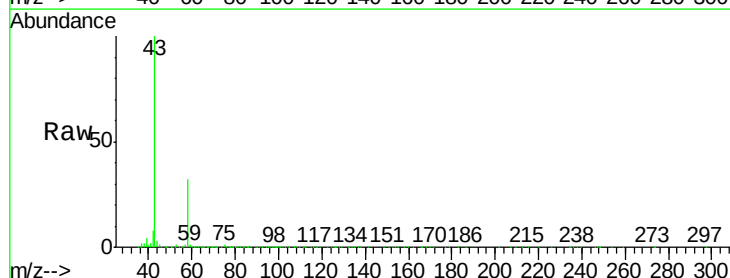
Acq: 30 Jan 2019 08:54

Tgt Ion: 43 Resp: 620324

Ion Ratio Lower Upper

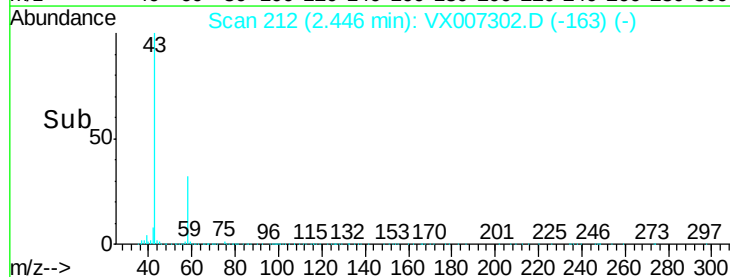
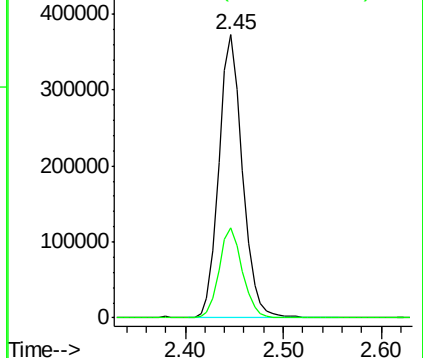
43 100

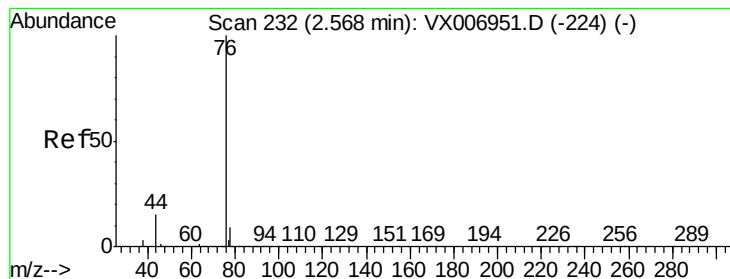
58 31.9 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 33.471 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

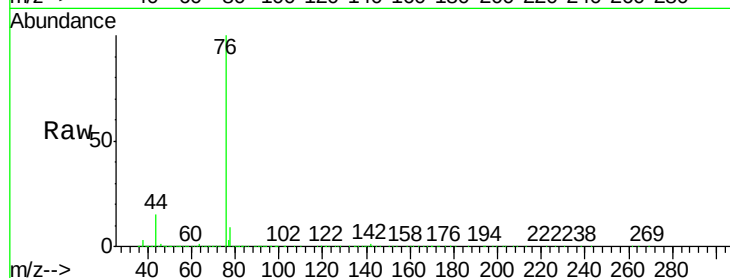
VSTDCCC050

Tot Ion: 76 Resp: 397816

Ion Ratio Lower Upper

76 100

78 9.1 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

150000

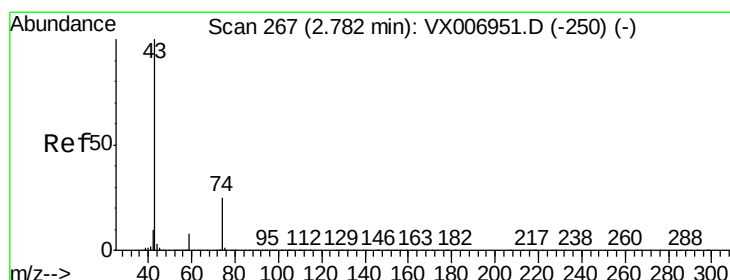
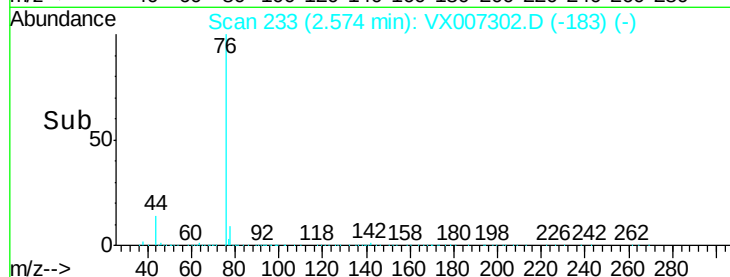
100000

50000

0

2.50 2.60 2.70

Time-->



#18

Methyl Acetate

Concen: 46.337 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX007302.D

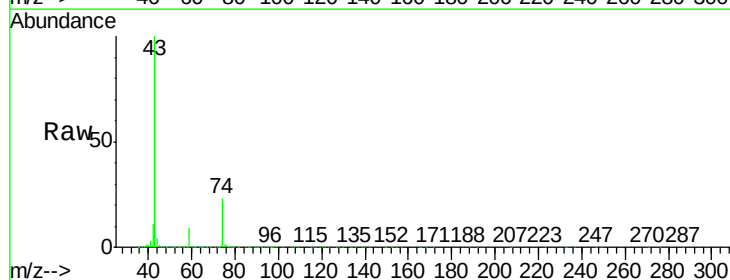
Acq: 30 Jan 2019 08:54

Tgt Ion: 43 Resp: 348233

Ion Ratio Lower Upper

43 100

74 23.8 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

200000

150000

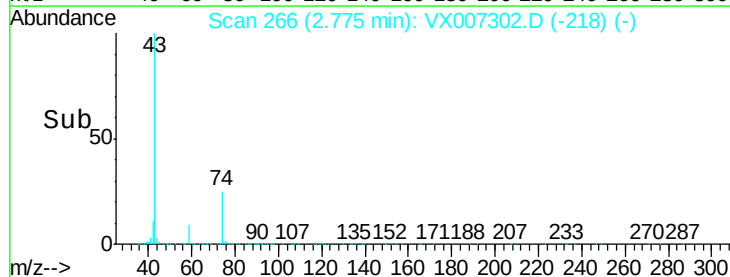
100000

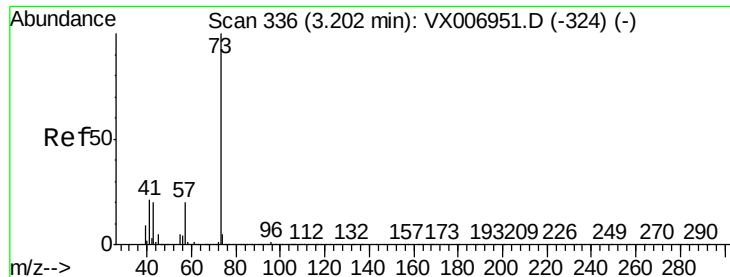
50000

0

2.70 2.75 2.80 2.85 2.90

Time-->



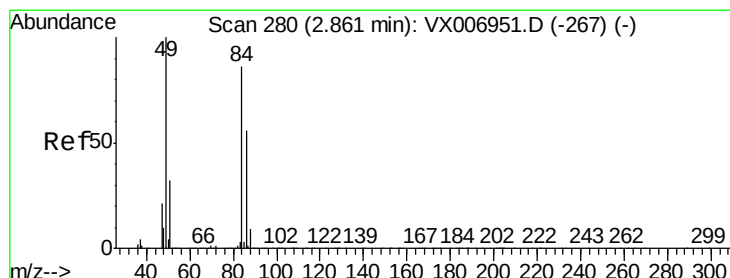
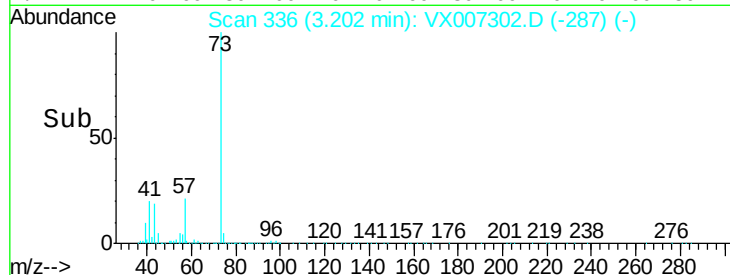
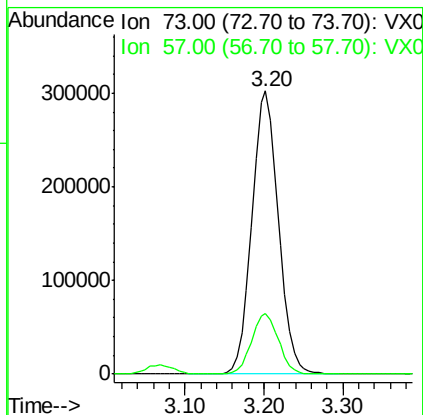
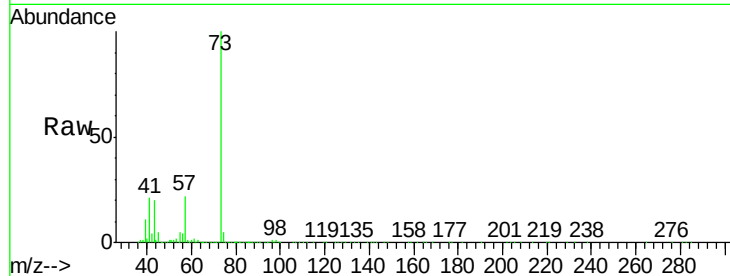


#19

Methyl tert-butyl Ether
 Concen: 44.078 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX007302.D
 Acq: 30 Jan 2019 08:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

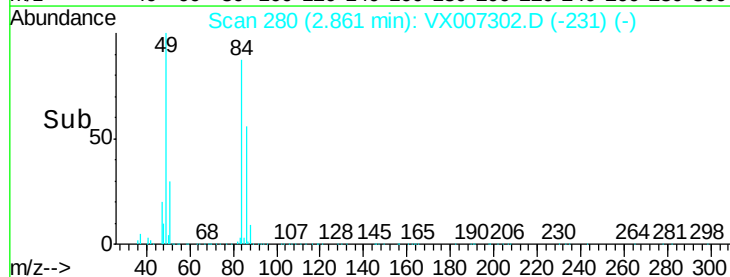
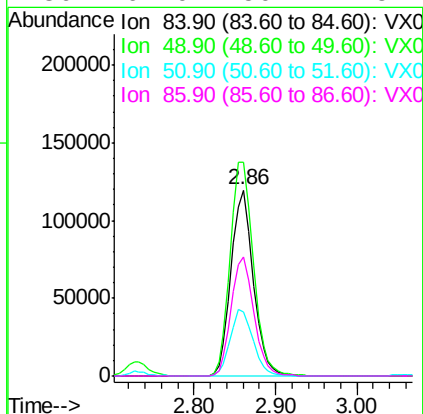
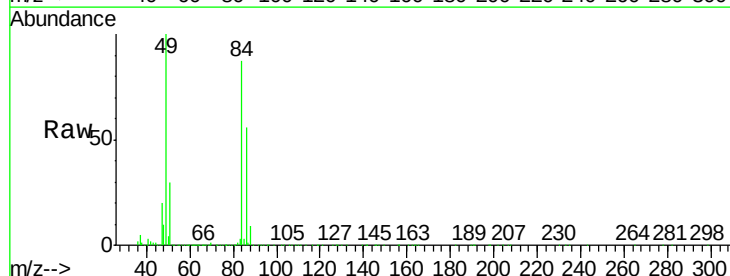
Tot Ion: 73 Resp: 706260
 Ion Ratio Lower Upper
 73 100
 57 21.5 16.8 25.2

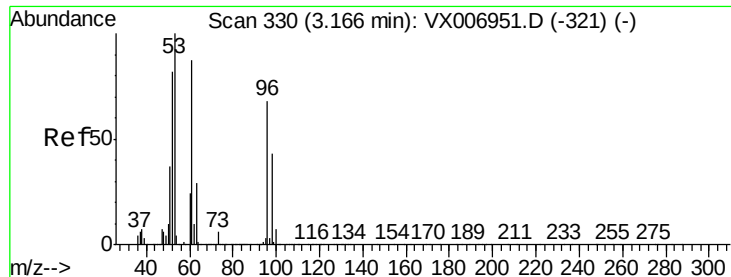


#20

Methylene Chloride
 Concen: 45.602 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007302.D
 Acq: 30 Jan 2019 08:54

Tgt Ion: 84 Resp: 225331
 Ion Ratio Lower Upper
 84 100
 49 114.7 91.8 137.6
 51 34.4 28.5 42.7
 86 64.0 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 40.126 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

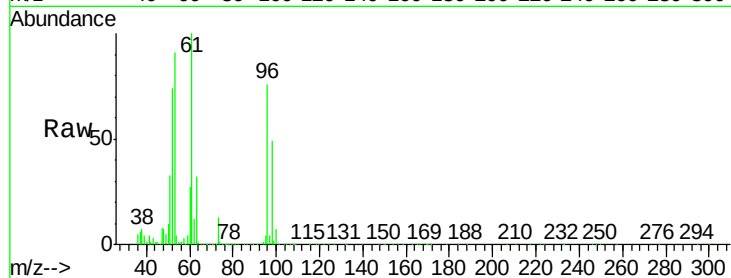
Tot Ion: 96 Resp: 206427

Ion Ratio Lower Upper

96 100

61 131.3 103.7 155.5

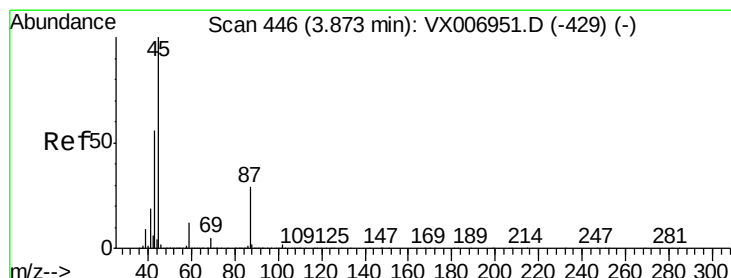
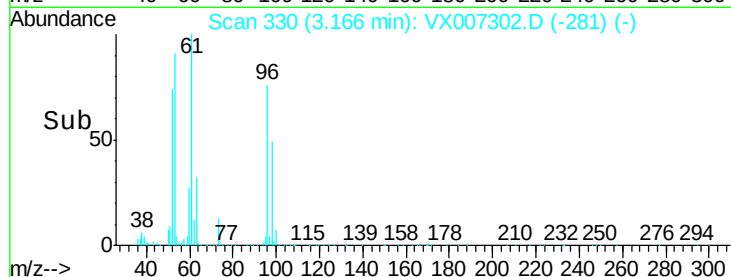
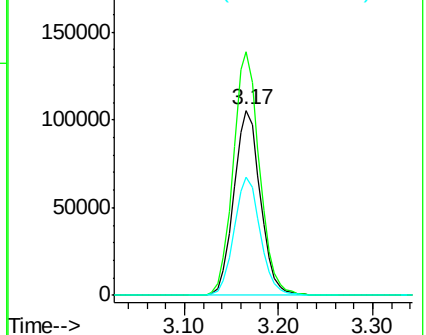
98 63.9 51.0 76.6



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: 45.415 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Tgt Ion: 45 Resp: 675486

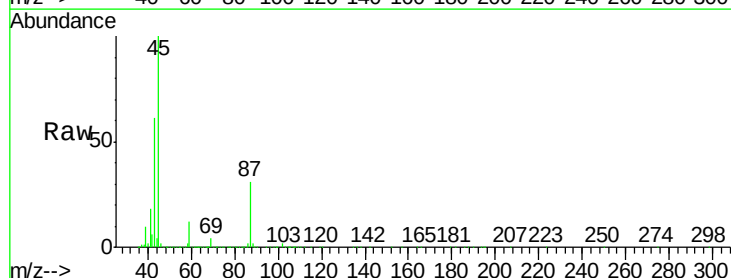
Ion Ratio Lower Upper

45 100

43 61.1 51.2 76.8

87 31.5 25.8 38.6

59 12.1 9.0 13.4

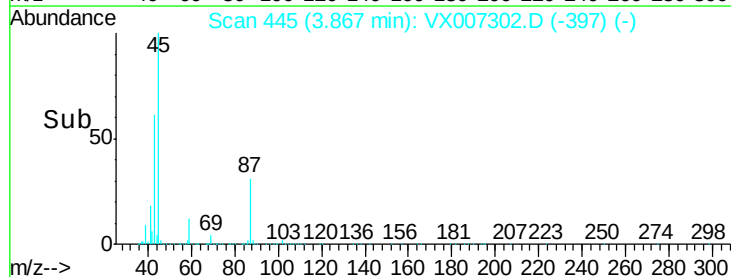
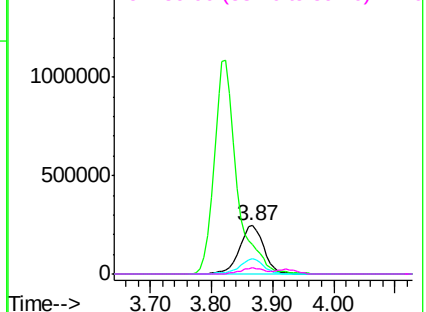


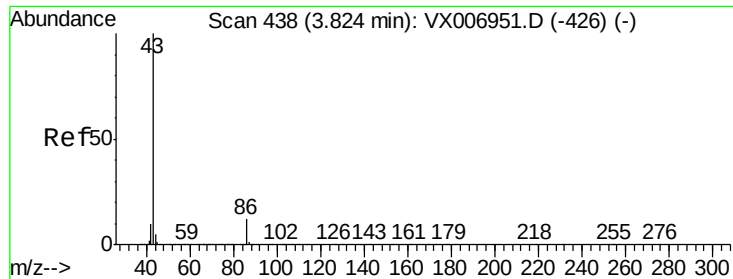
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 226.252 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

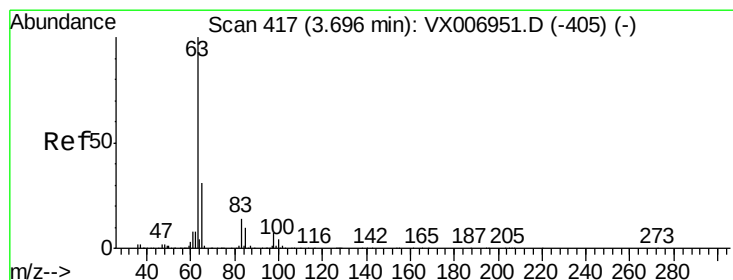
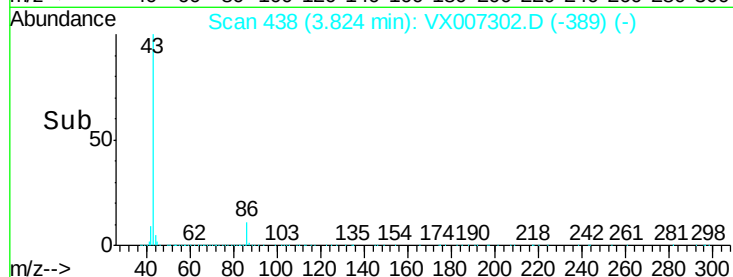
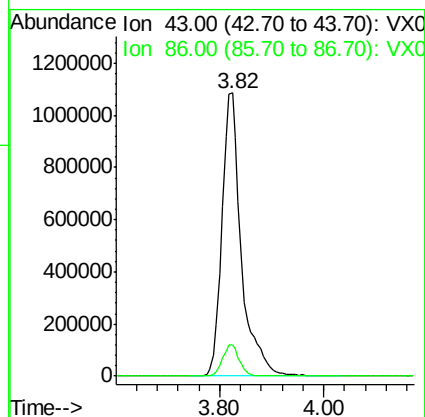
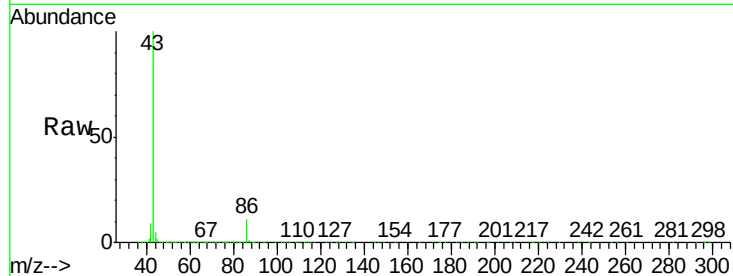
VSTDCCC050

Tot Ion: 43 Resp: 2837942

Ion Ratio Lower Upper

43 100

86 11.1 9.2 13.8



#24

1,1-Dichloroethane

Concen: 46.387 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

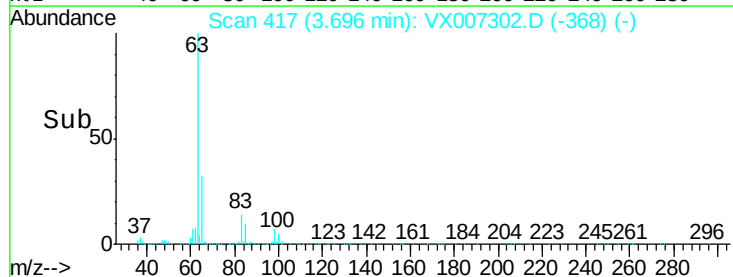
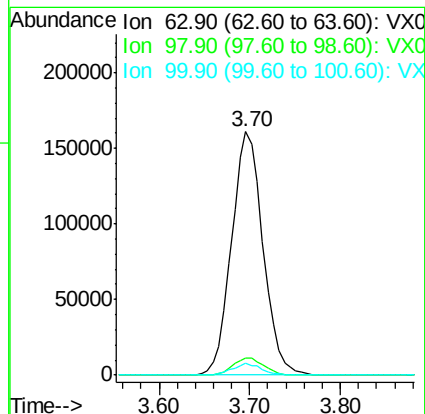
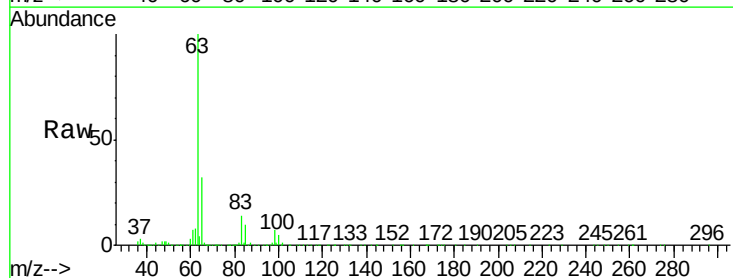
Tgt Ion: 63 Resp: 385794

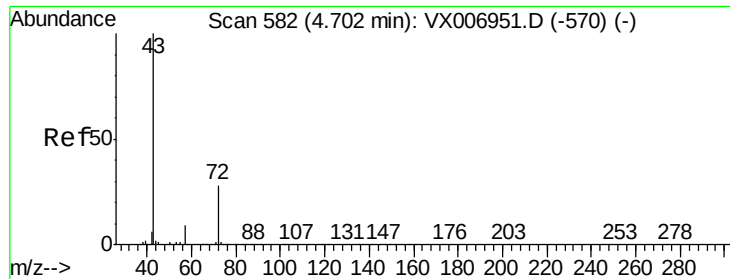
Ion Ratio Lower Upper

63 100

98 7.1 3.9 11.5

100 5.1 2.4 7.2

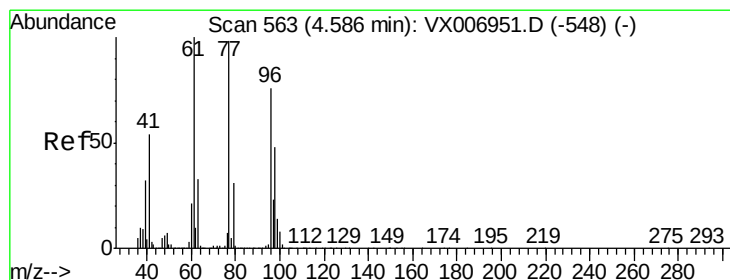
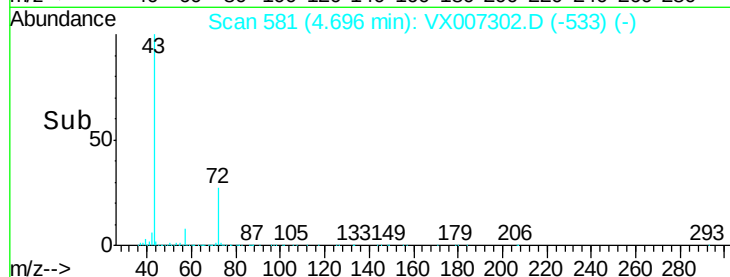
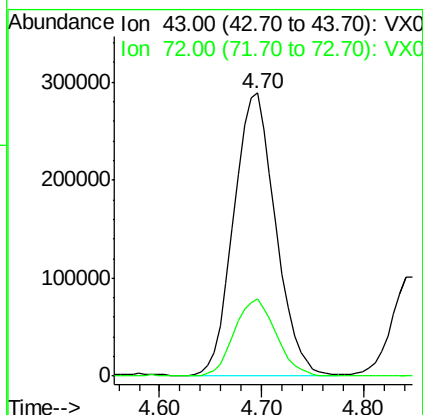
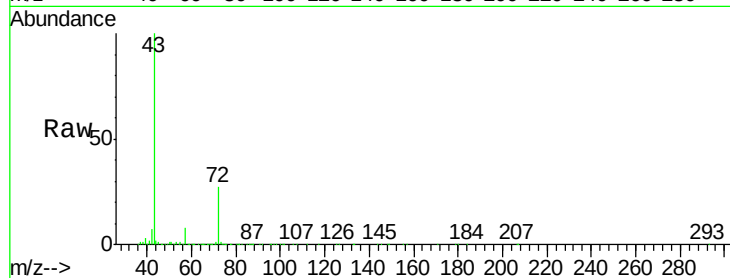




#25
2-Butanone
Concen: 221.506 ug/l
RT: 4.70 min Scan# 581
Delta R.T. -0.01 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

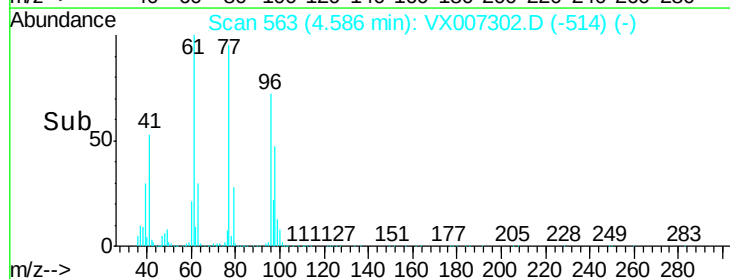
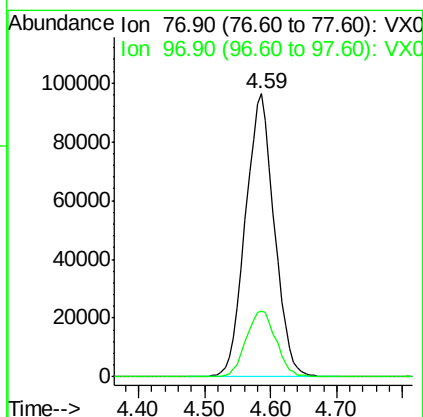
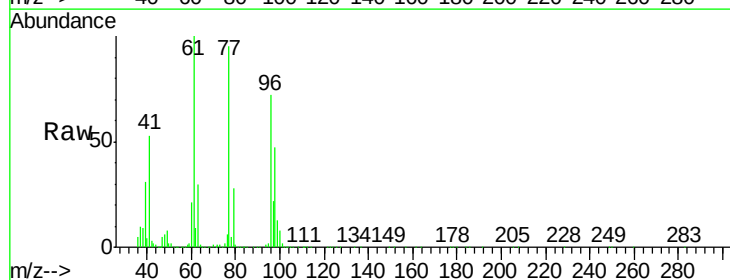
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

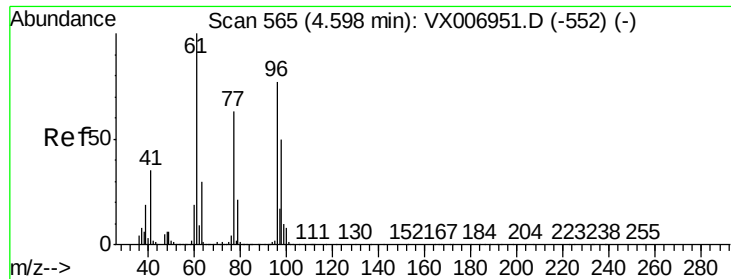
Tot Ion: 43 Resp: 822492
Ion Ratio Lower Upper
43 100
72 27.3 22.4 33.6



#26
2,2-Dichloropropane
Concen: 45.755 ug/l
RT: 4.59 min Scan# 563
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Tgt Ion: 77 Resp: 292619
Ion Ratio Lower Upper
77 100
97 24.3 12.4 37.4



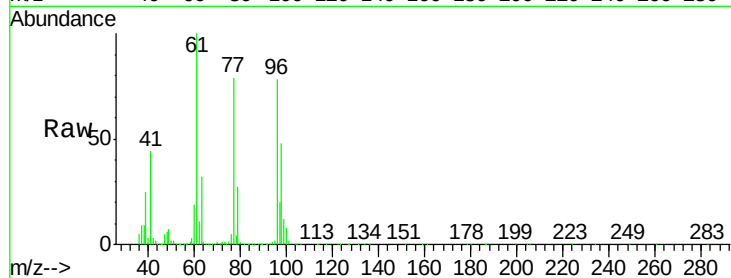


#27

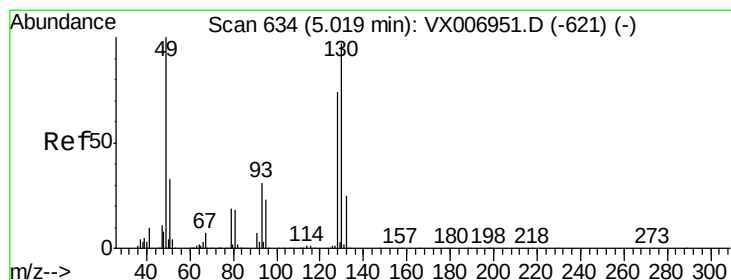
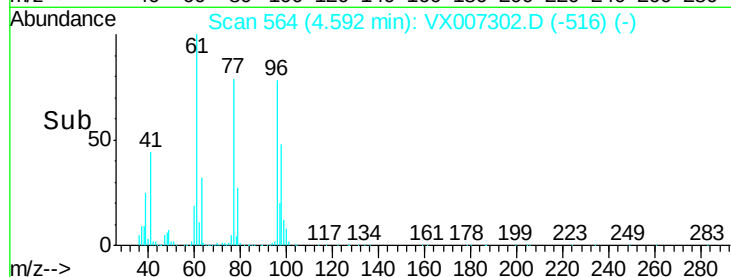
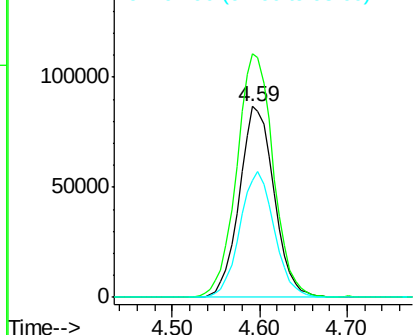
cis-1,2-Dichloroethene
 Concen: 42.127 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX007302.D
 Acq: 30 Jan 2019 08:54

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
96	100		
61	134.6	0.0	258.6
98	65.6	0.0	132.0



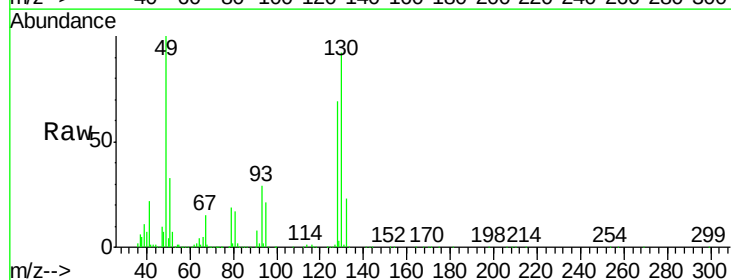
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



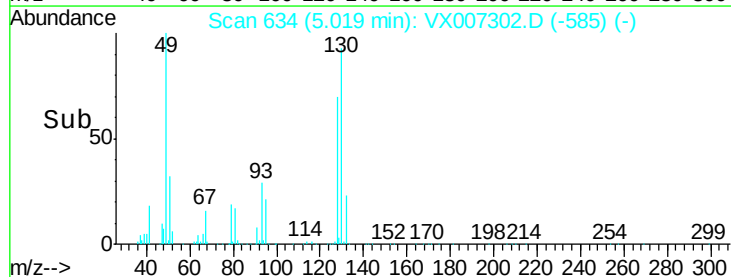
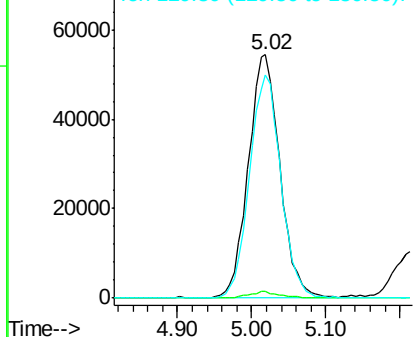
#28

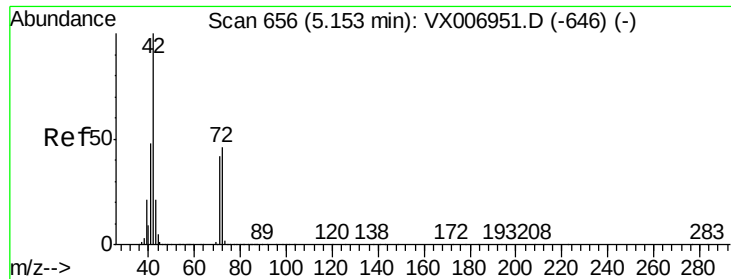
Bromochloromethane
 Concen: 44.481 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007302.D
 Acq: 30 Jan 2019 08:54

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	90.9	77.7	116.5



Abundance Ion 48.90 (48.60 to 49.60): VX0
 Ion 128.80 (128.50 to 129.50): V
 Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 207.759 ug/l

RT: 5.15 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

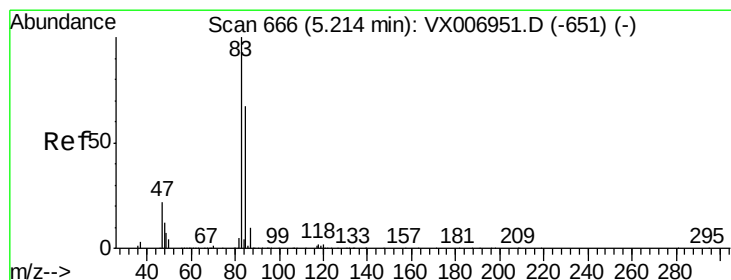
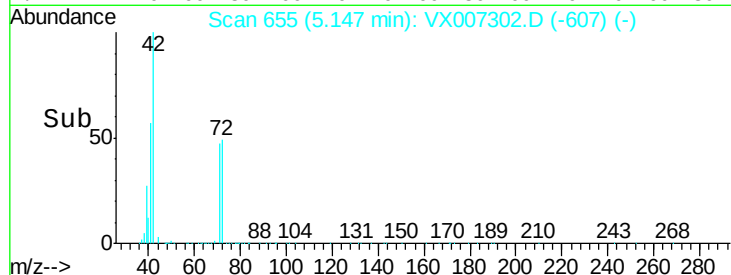
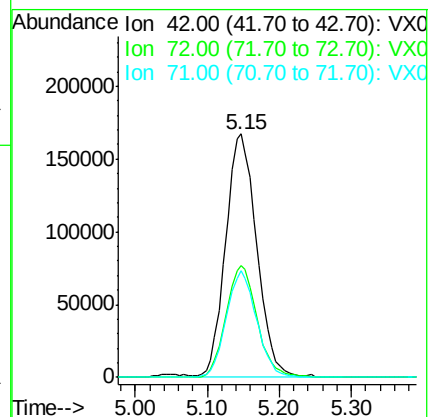
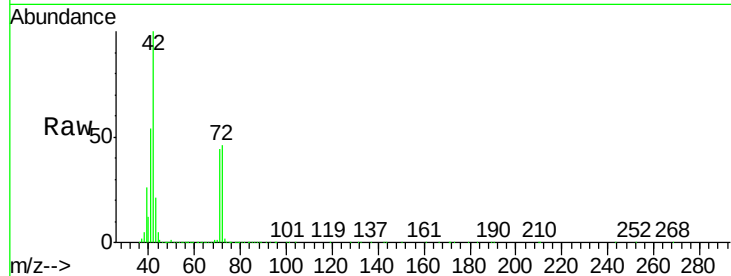
Tot Ion: 42 Resp: 501343

Ion Ratio Lower Upper

42 100

72 45.8 38.9 58.3

71 42.9 36.2 54.4



#30

Chloroform

Concen: 44.951 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007302.D

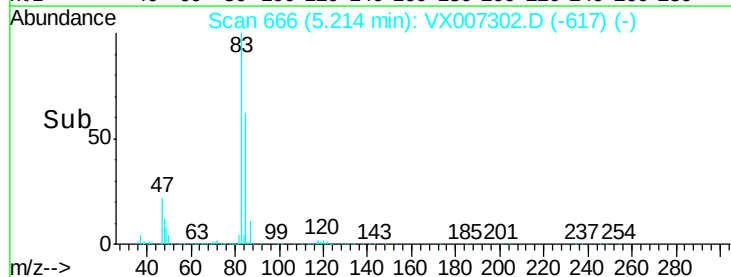
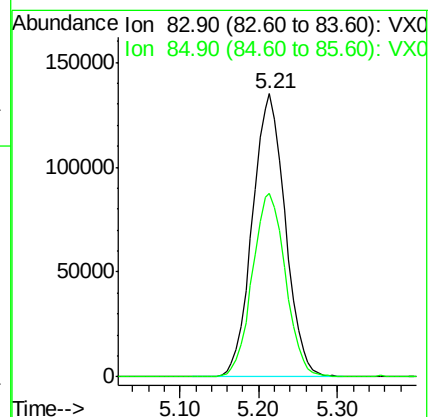
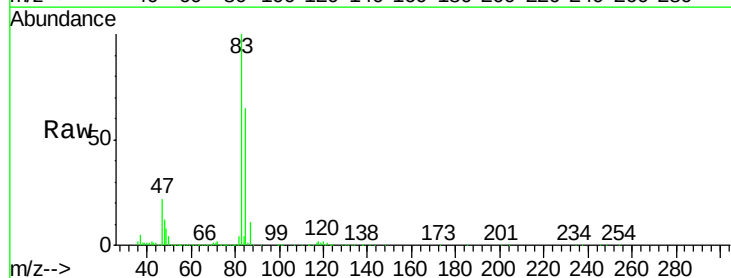
Acq: 30 Jan 2019 08:54

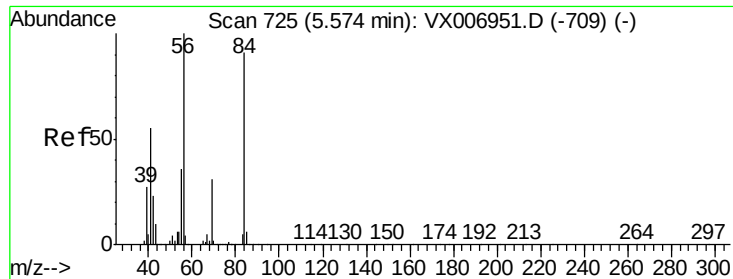
Tgt Ion: 83 Resp: 391421

Ion Ratio Lower Upper

83 100

85 65.0 51.2 76.8





#31

Cyclohexane

Concen: 40.686 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

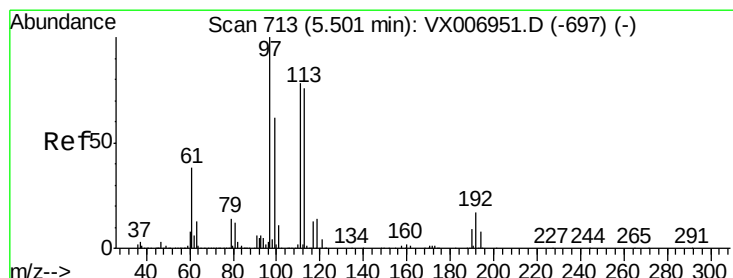
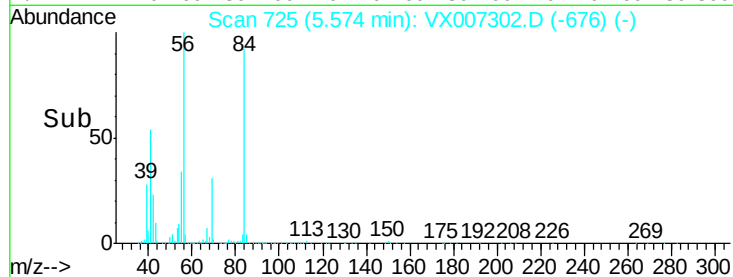
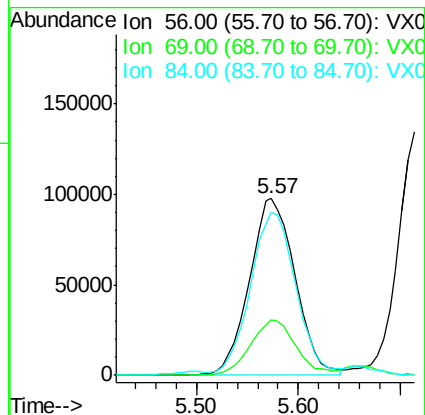
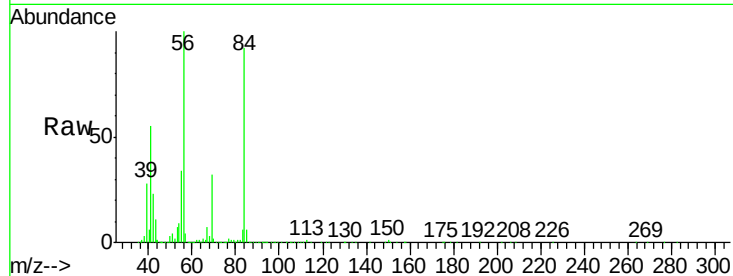
Tot Ion: 56 Resp: 301172

Ion Ratio Lower Upper

56 100

69 31.6 24.4 36.6

84 90.1 70.0 105.0



#32

1,1,1-Trichloroethane

Concen: 45.306 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

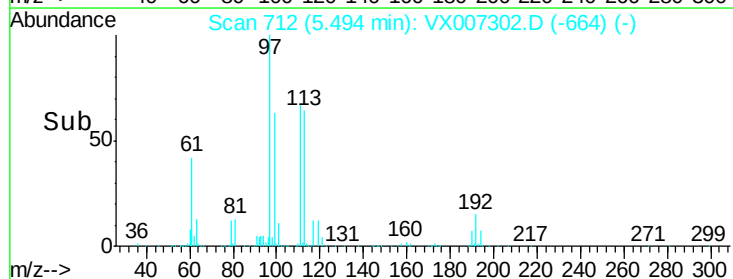
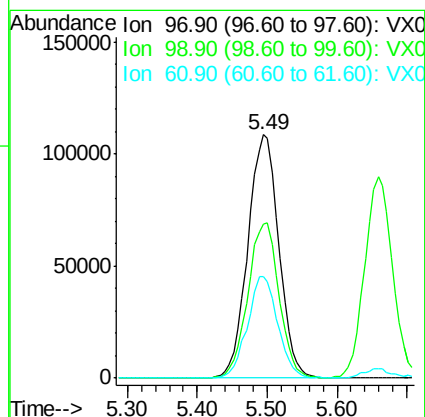
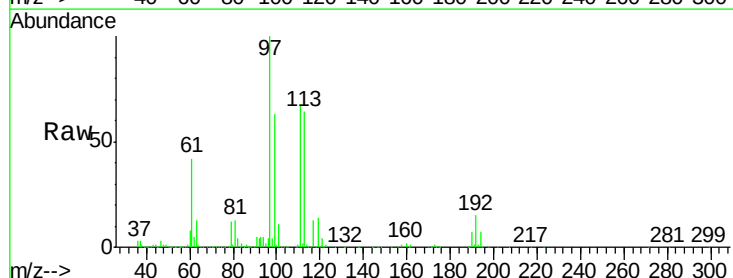
Tgt Ion: 97 Resp: 334390

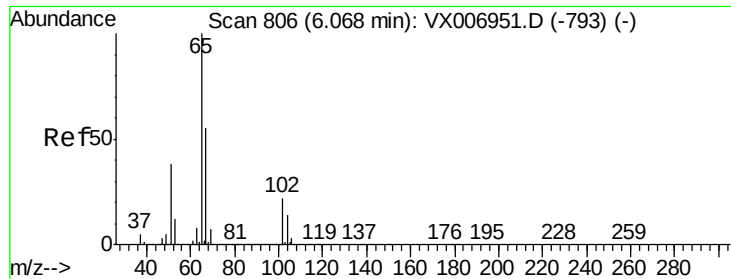
Ion Ratio Lower Upper

97 100

99 64.2 51.7 77.5

61 40.8 31.3 46.9

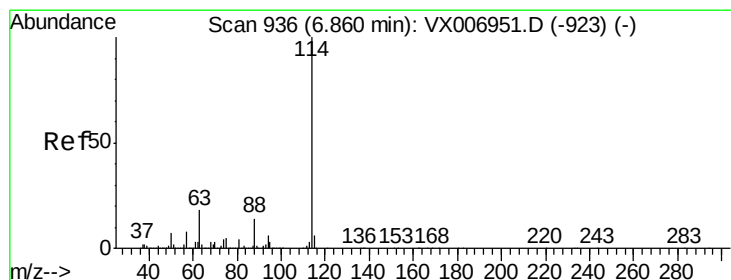
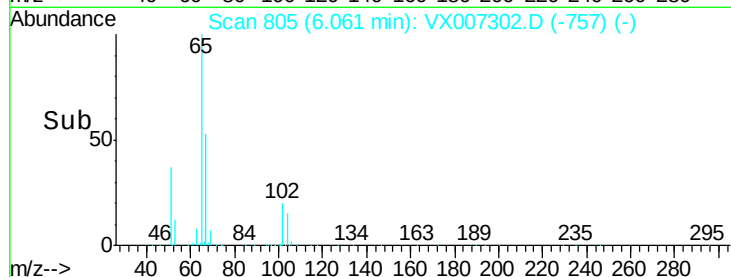
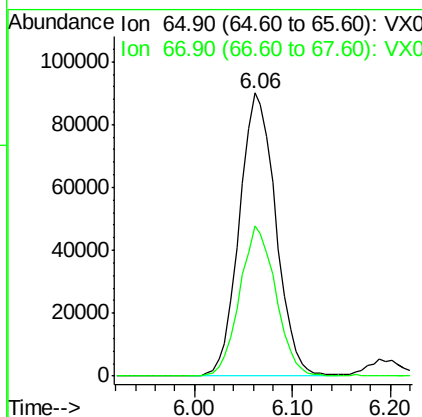
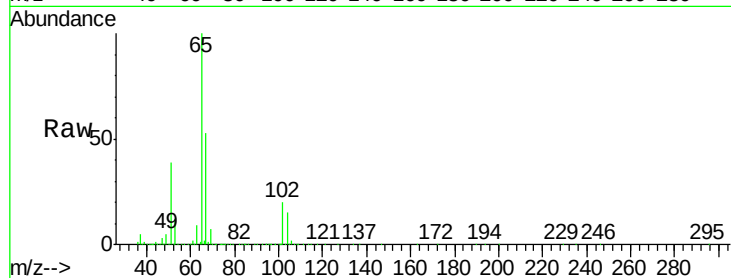




#33
 1,2-Dichloroethane-d4
 Concen: 44.321 ug/l
 RT: 6.06 min Scan# 805
 Delta R.T. -0.01 min
 Lab File: VX007302.D
 Acq: 30 Jan 2019 08:54

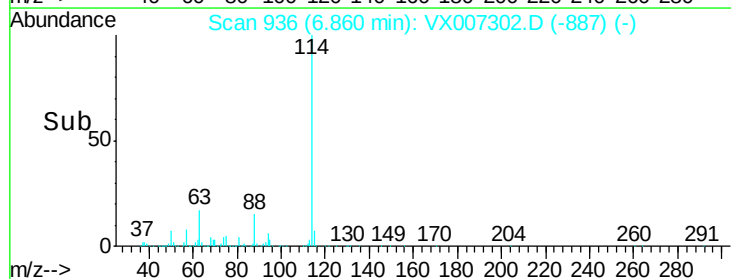
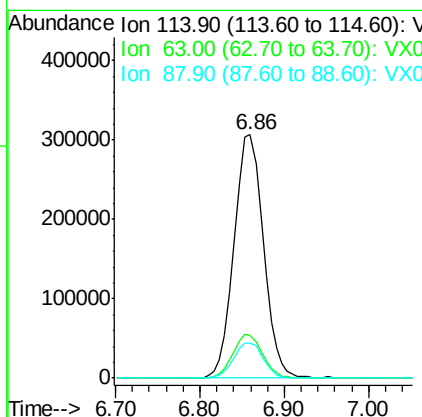
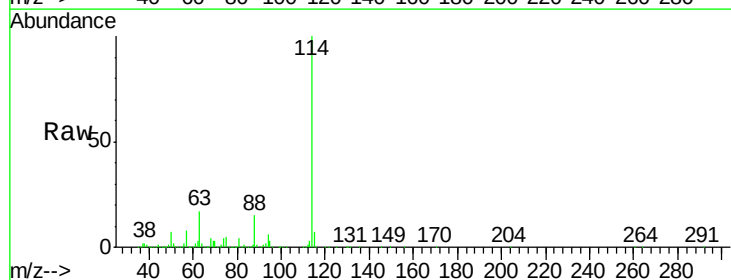
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

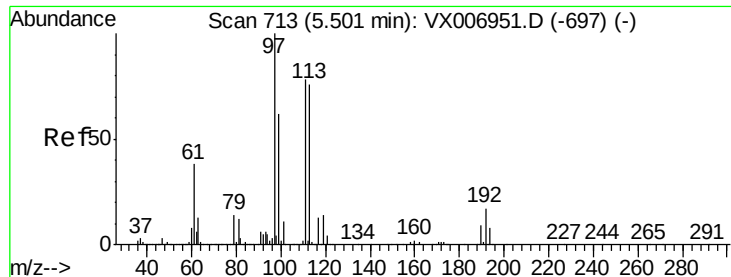
Tot Ion: 65 Resp: 232652
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007302.D
 Acq: 30 Jan 2019 08:54

Tgt Ion: 114 Resp: 724585
 Ion Ratio Lower Upper
 114 100
 63 17.4 0.0 34.8
 88 14.6 0.0 28.8





#35

Dibromofluoromethane

Concen: 46.134 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

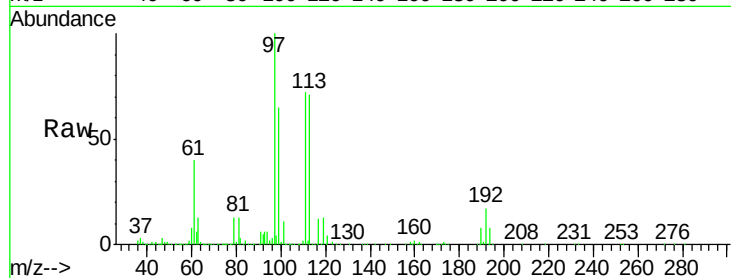
Tot Ion:113 Resp: 214069

Ion Ratio Lower Upper

113 100

111 100.3 81.6 122.4

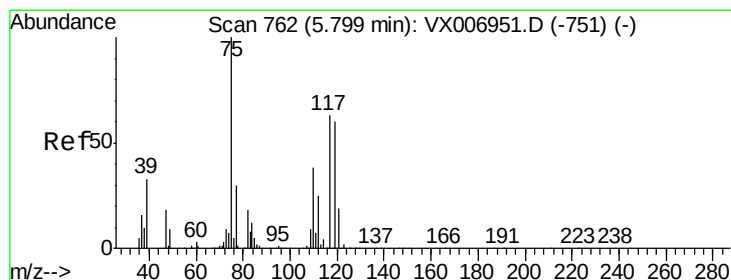
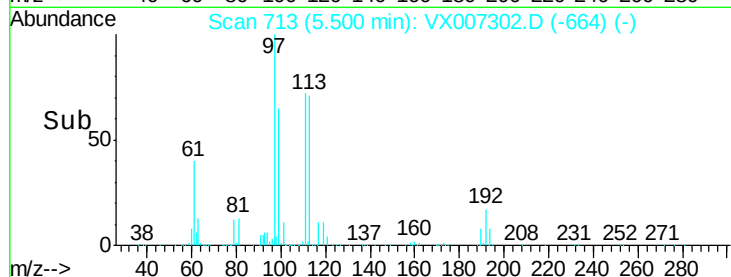
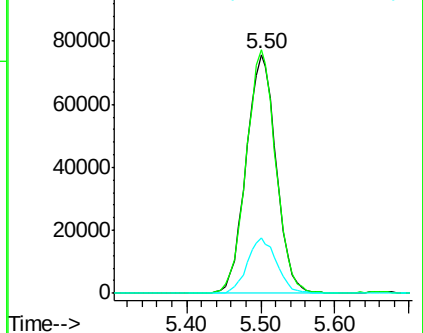
192 22.7 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 43.407 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

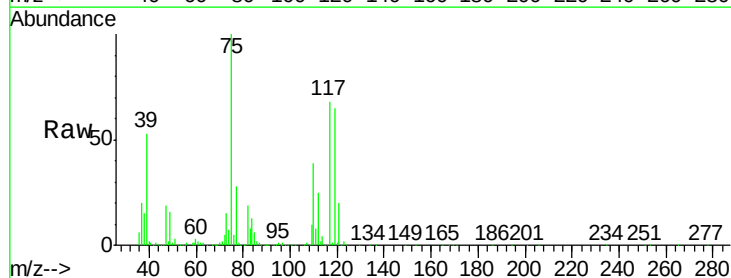
Tgt Ion: 75 Resp: 273452

Ion Ratio Lower Upper

75 100

110 39.9 20.2 60.5

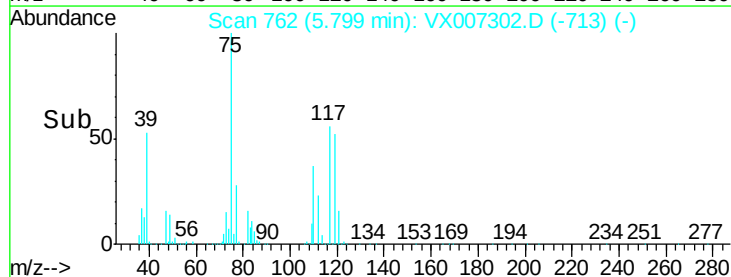
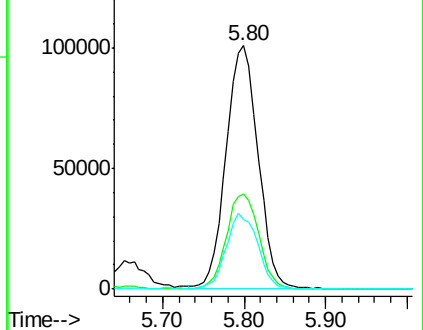
77 30.6 24.8 37.2

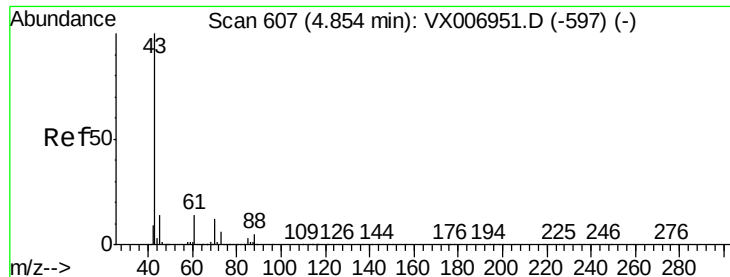


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 44.319 ug/l

RT: 4.85 min Scan# 606

Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

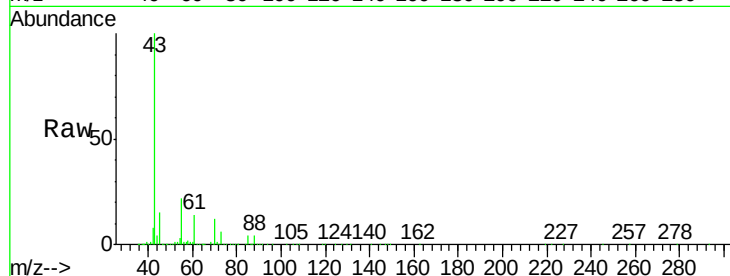
Tot Ion: 43 Resp: 299321

Ion Ratio Lower Upper

43 100

61 13.7 11.9 17.9

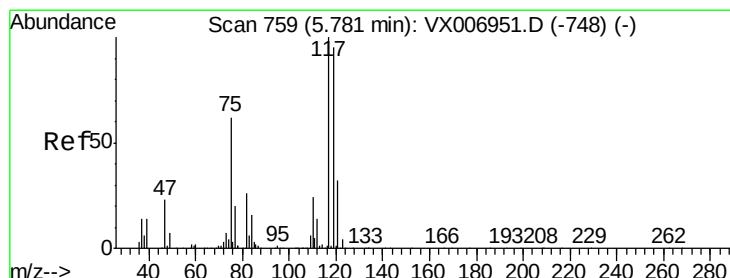
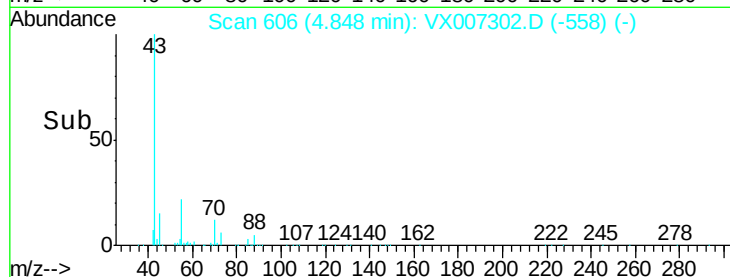
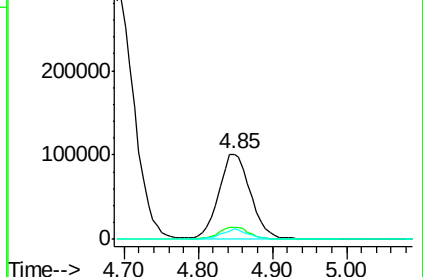
70 10.9 9.7 14.5



Abundance Ion 43.00 (42.70 to 43.70): VX006951.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX006951.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX006951.D (-597) (-)



#38

Carbon Tetrachloride

Concen: 46.450 ug/l

RT: 5.79 min Scan# 760

Delta R.T. 0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

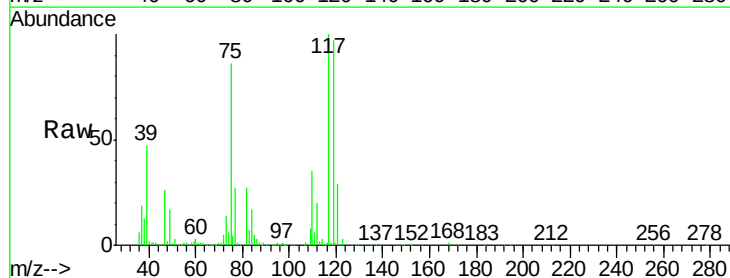
Tgt Ion: 117 Resp: 294412

Ion Ratio Lower Upper

117 100

119 96.5 79.4 119.2

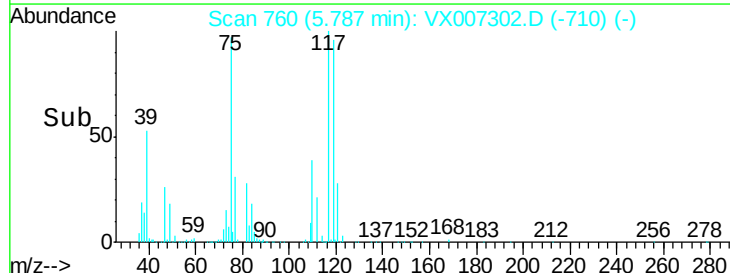
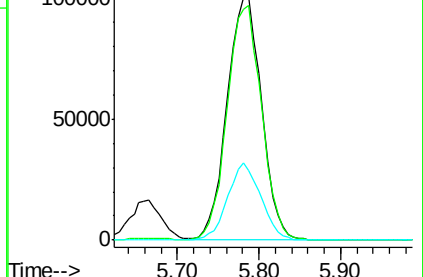
121 28.5 24.0 36.0

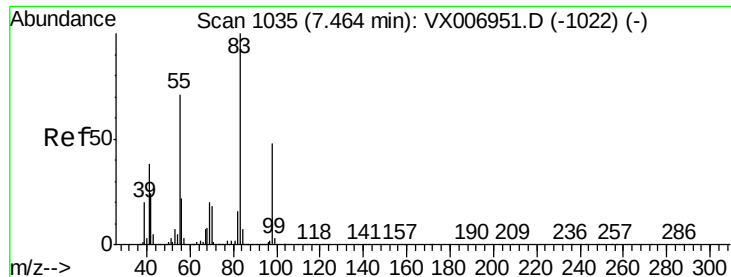


Abundance Ion 116.80 (116.50 to 117.50): VX006951.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX006951.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX006951.D (-748) (-)





#39

Methylvlcyclohexane

Concen: 42.331 ug/l

RT: 7.46 min Scan# 1034

Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

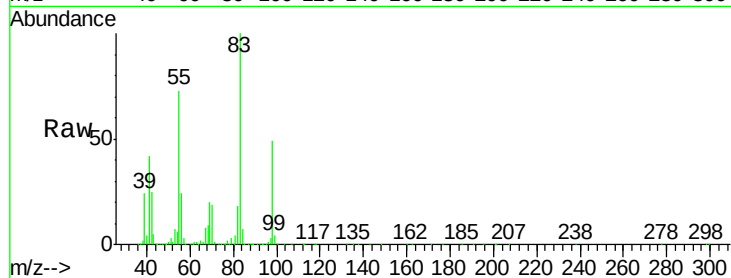
Tot Ion: 83 Resp: 339964

Ion Ratio Lower Upper

83 100

55 72.7 54.9 82.3

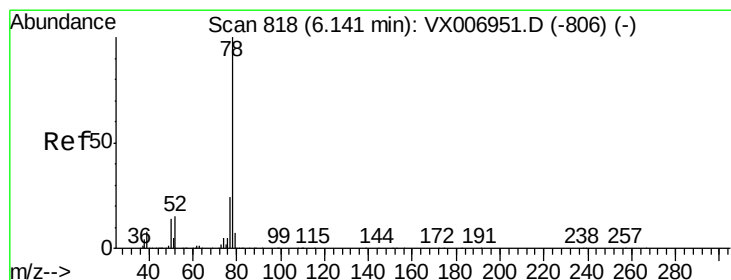
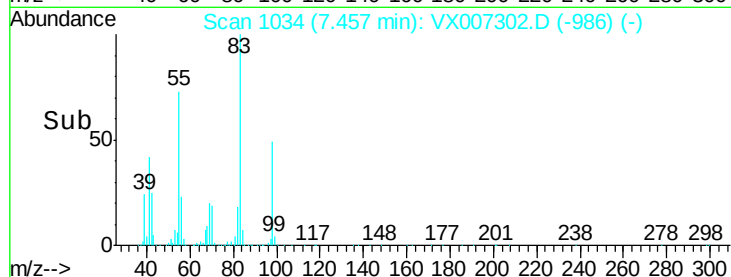
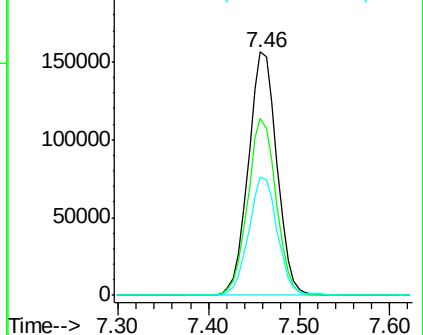
98 48.8 37.9 56.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 43.940 ug/l

RT: 6.14 min Scan# 818

Delta R.T. -0.00 min

Lab File: VX007302.D

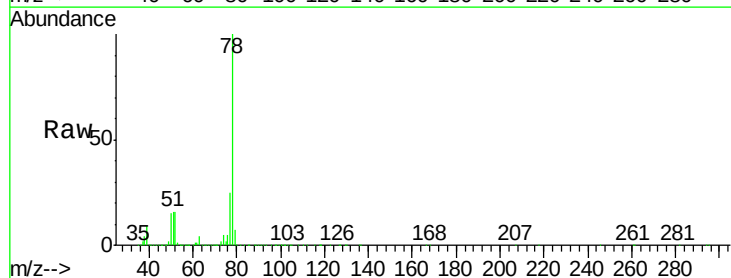
Acq: 30 Jan 2019 08:54

Tgt Ion: 78 Resp: 844624

Ion Ratio Lower Upper

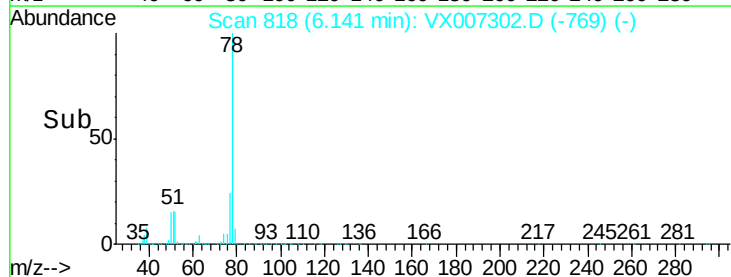
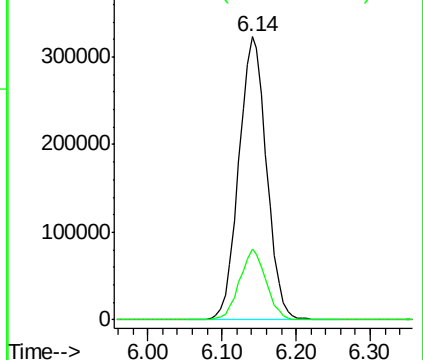
78 100

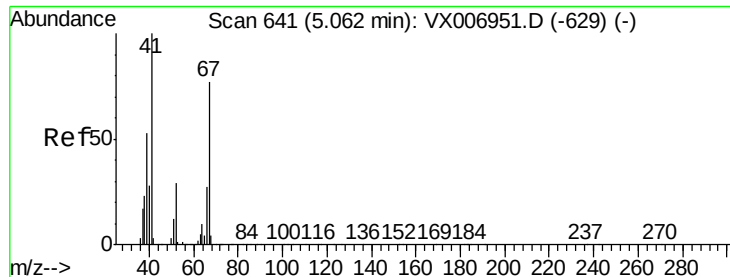
77 24.9 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 43.026 ug/l

RT: 5.05 min Scan# 639

Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 167401

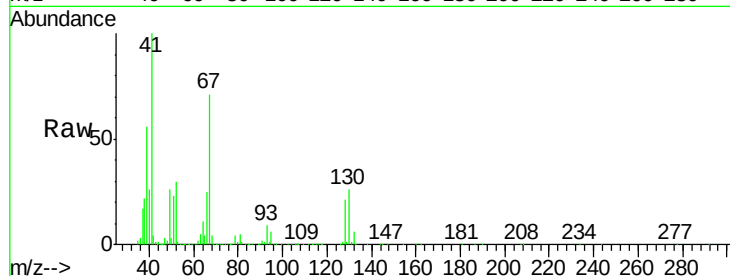
Ion Ratio Lower Upper

41 100

39 57.5 42.8 64.2

67 77.7 62.1 93.1

52 30.2 23.4 35.0

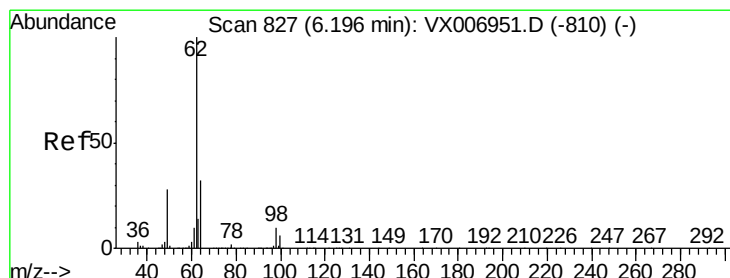
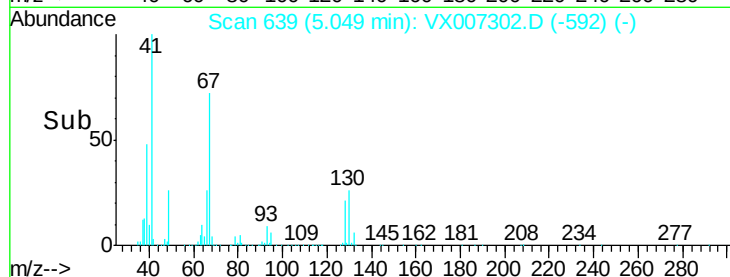
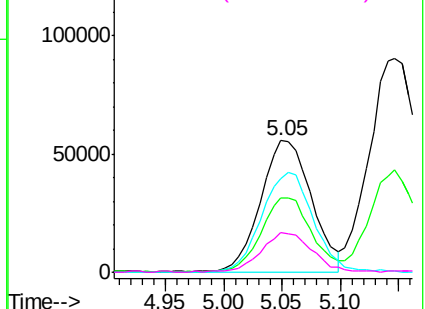


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 44.527 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007302.D

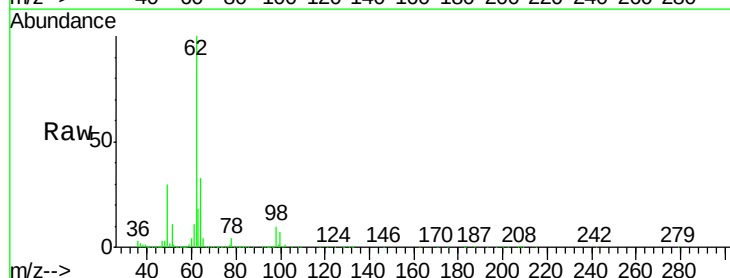
Acq: 30 Jan 2019 08:54

Tgt Ion: 62 Resp: 295768

Ion Ratio Lower Upper

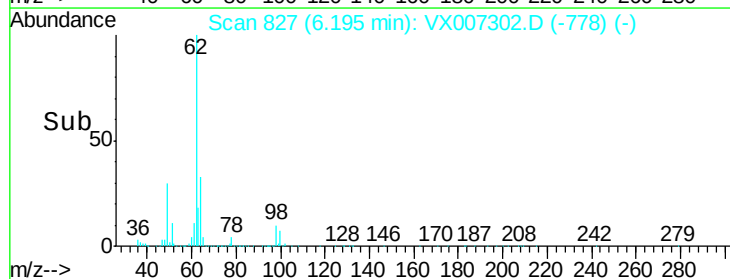
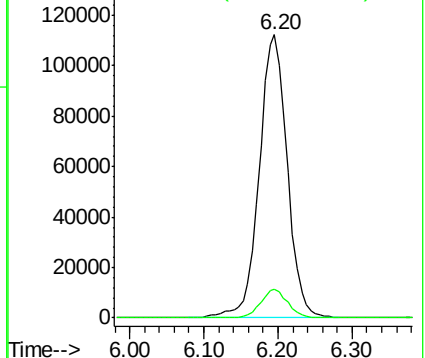
62 100

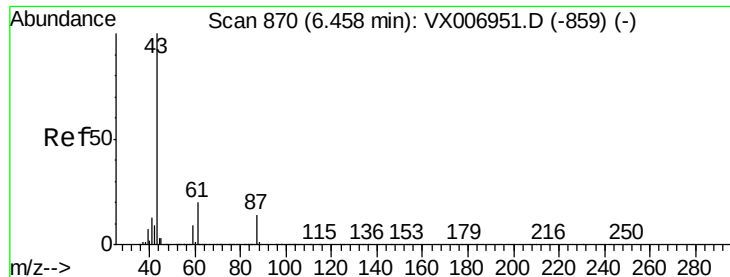
98 9.6 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 45.603 ug/l

RT: 6.45 min Scan# 869

Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

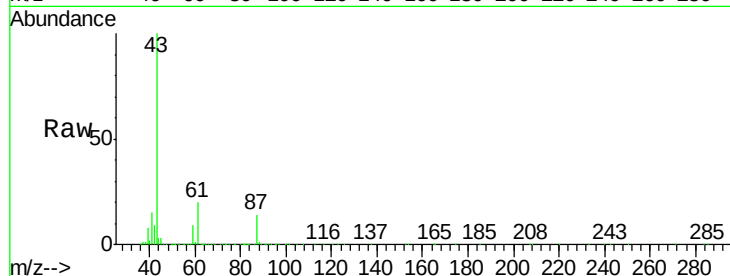
Tot Ion: 43 Resp: 485820

Ion Ratio Lower Upper

43 100

61 20.4 16.8 25.2

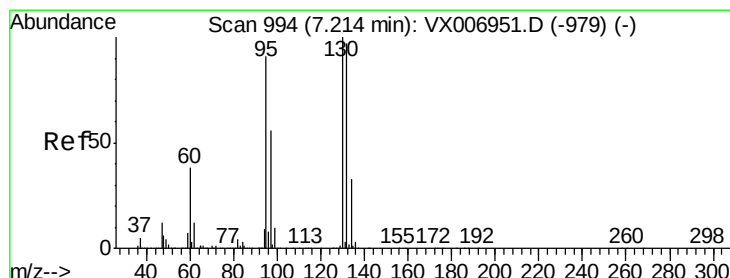
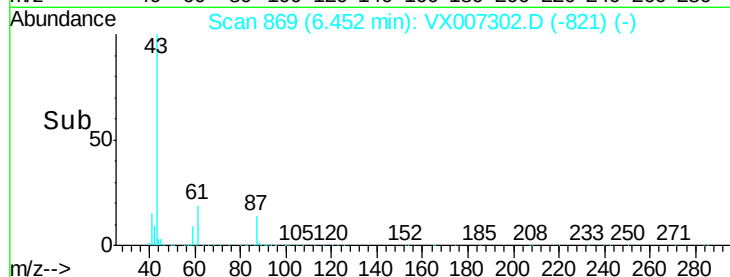
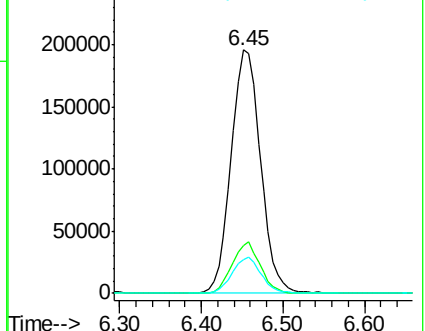
87 14.4 12.4 18.6



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: 44.665 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX007302.D

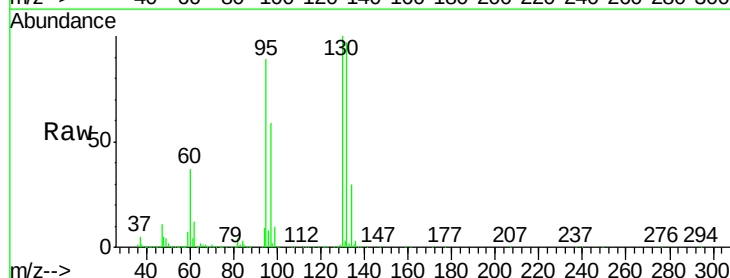
Acq: 30 Jan 2019 08:54

Tgt Ion:130 Resp: 257277

Ion Ratio Lower Upper

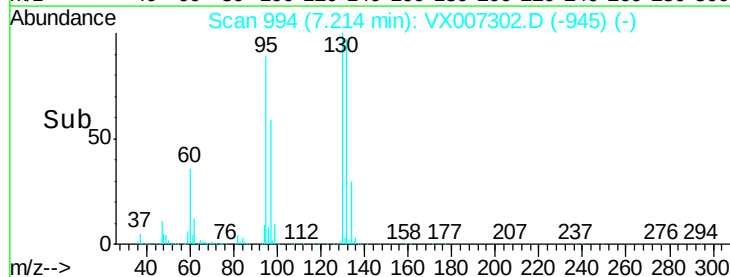
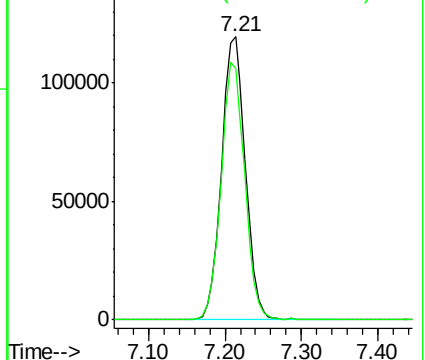
130 100

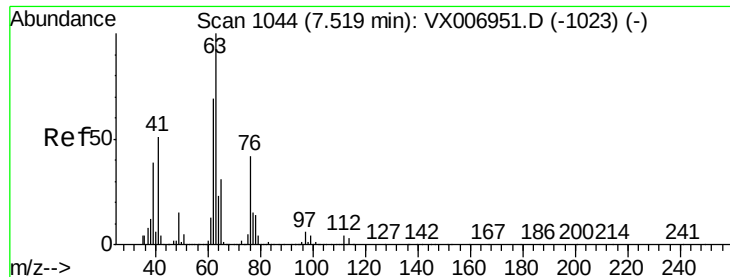
95 88.6 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 45.700 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

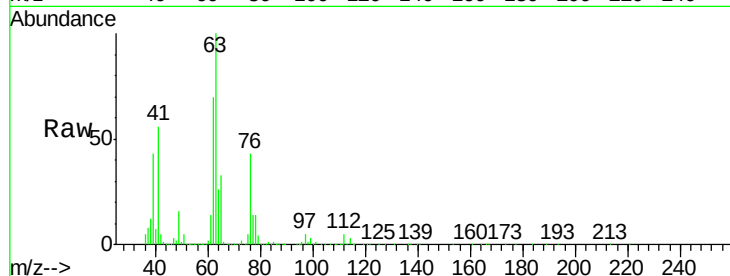
VSTDCCC050

Tot Ion: 63 Resp: 220846

Ion Ratio Lower Upper

63 100

65 32.9 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

120000

100000

80000

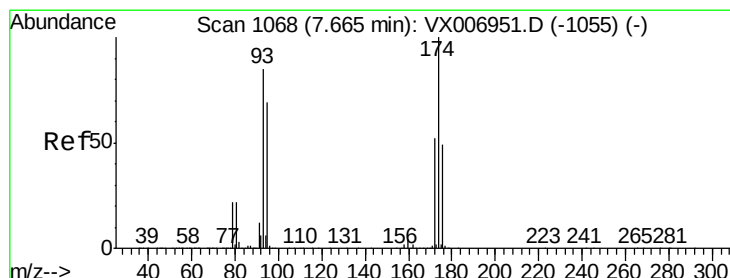
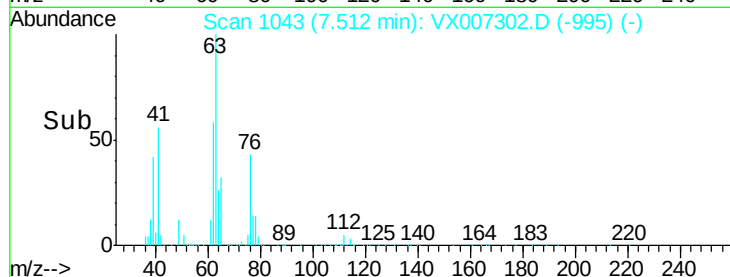
60000

40000

20000

0

Time--> 7.40 7.45 7.50 7.55 7.60



#46

Dibromomethane

Concen: 45.849 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

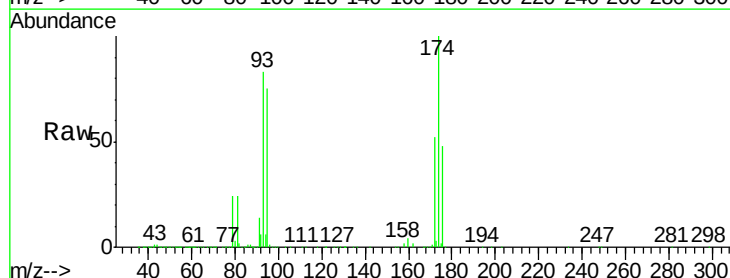
Tgt Ion: 93 Resp: 155717

Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.4

174 118.2 91.0 136.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.66

120000

100000

80000

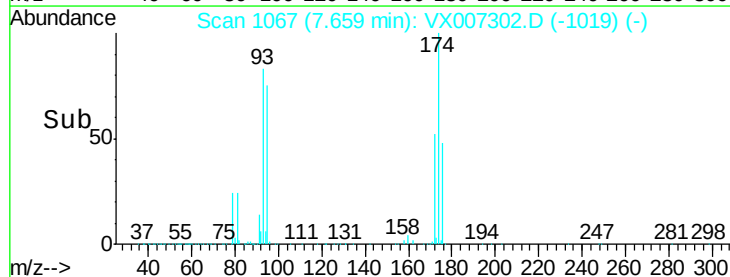
60000

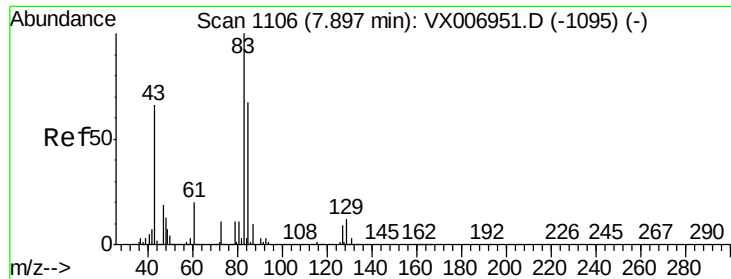
40000

20000

0

Time--> 7.50 7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 50.170 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

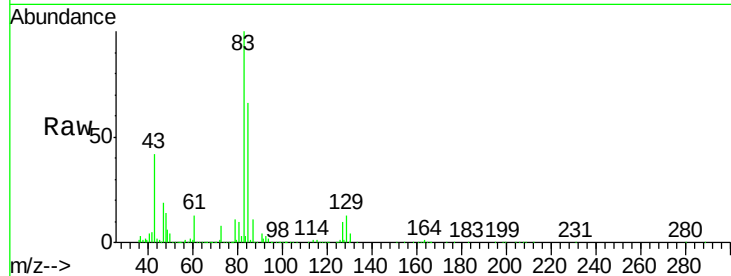
Tot Ion: 83 Resp: 290035

Ion Ratio Lower Upper

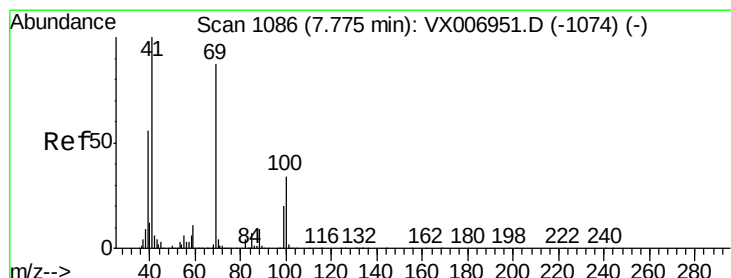
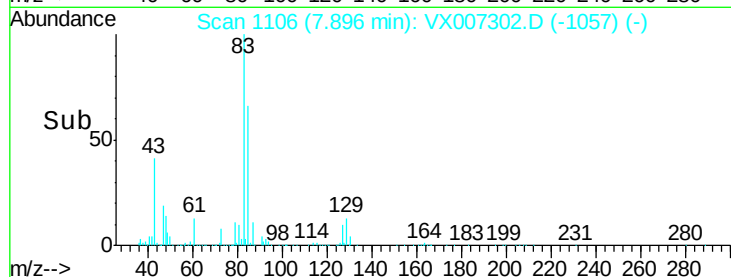
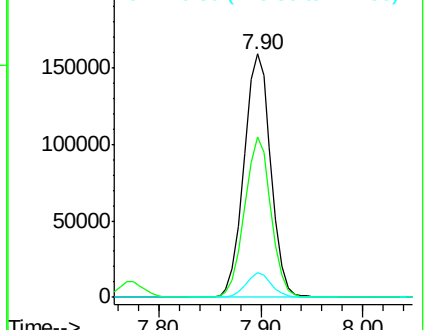
83 100

85 65.8 53.2 79.8

127 10.1 7.8 11.6



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: 46.339 ug/l

RT: 7.77 min Scan# 1085

Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

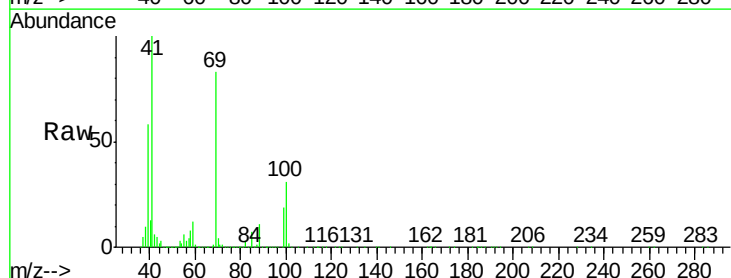
Tgt Ion: 41 Resp: 253514

Ion Ratio Lower Upper

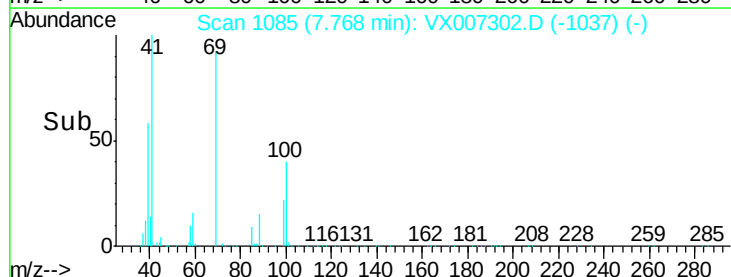
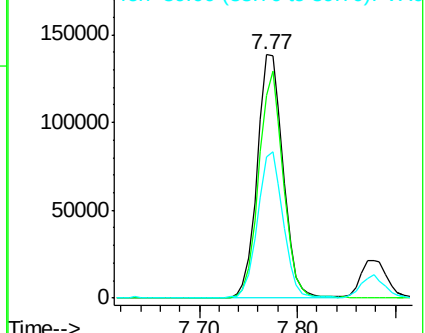
41 100

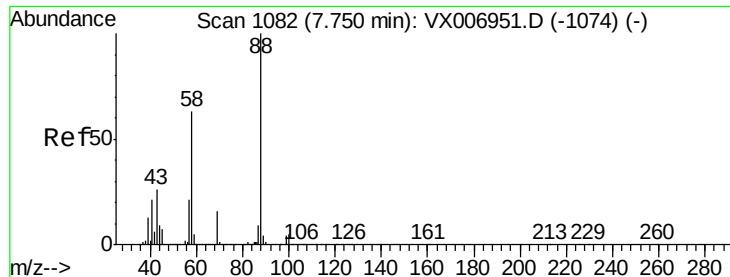
69 88.3 72.4 108.6

39 59.3 45.8 68.8



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: 782.375 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

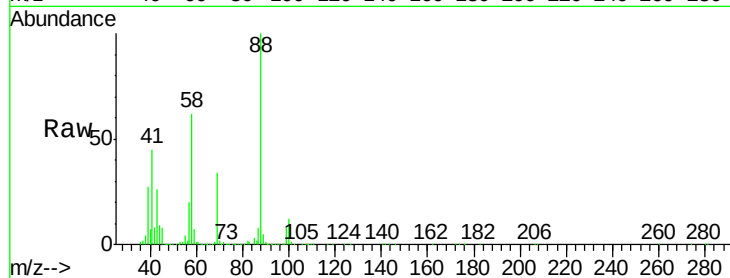
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 97981

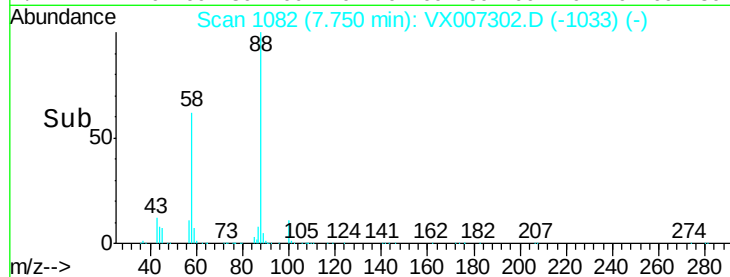
Ion	Ratio	Lower	Upper
88	100		
43	31.4	22.2	33.4
58	65.3	51.0	76.4



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



#50

Toluene-d8

Concen: 46.105 ug/l

RT: 8.71 min Scan# 1240

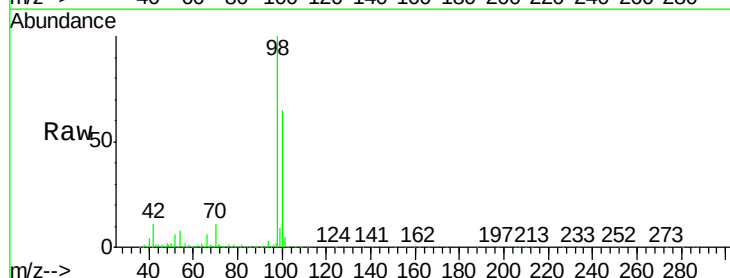
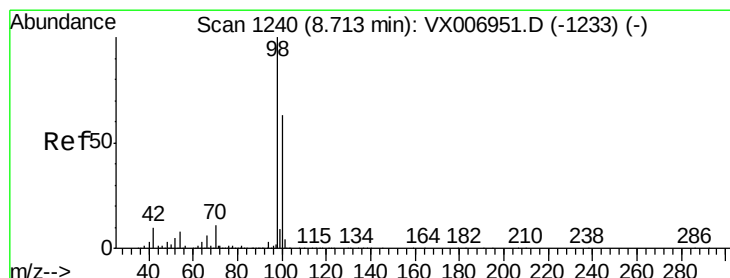
Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

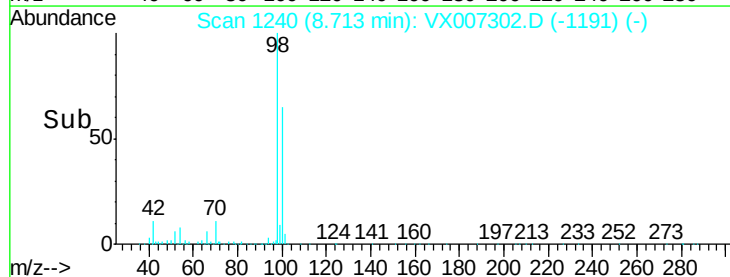
Tgt Ion: 98 Resp: 783080

Ion	Ratio	Lower	Upper
98	100		
100	64.2	52.0	78.0

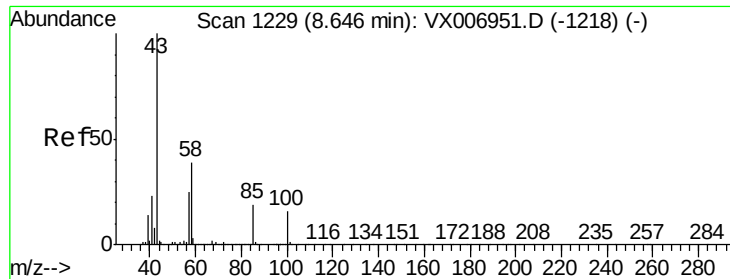


Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



Time-->



#51

4-Methyl-2-Pentanone

Concen: 238.463 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

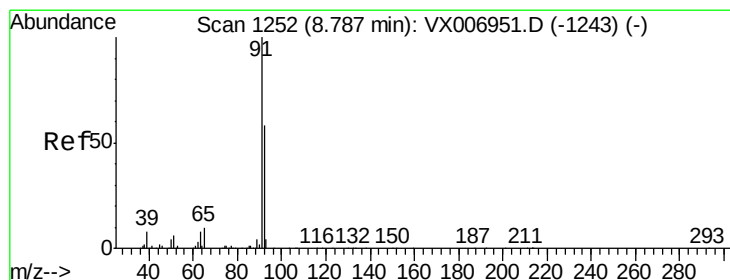
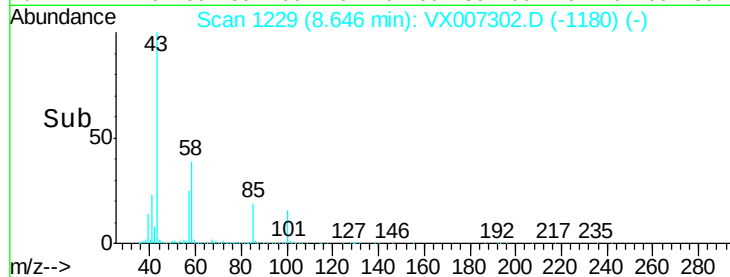
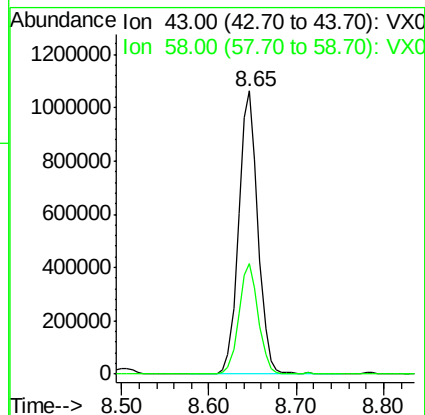
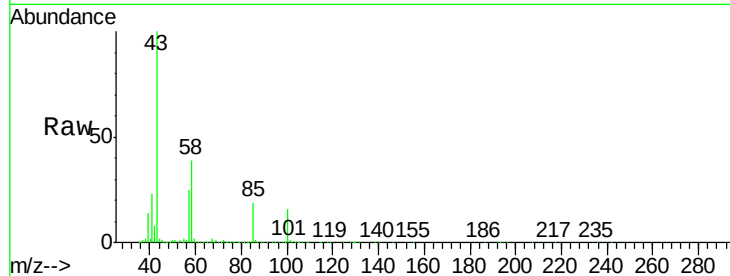
VSTDCCC050

Tot Ion: 43 Resp: 1632616

Ion Ratio Lower Upper

43 100

58 39.1 31.8 47.6



#52

Toluene

Concen: 45.370 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007302.D

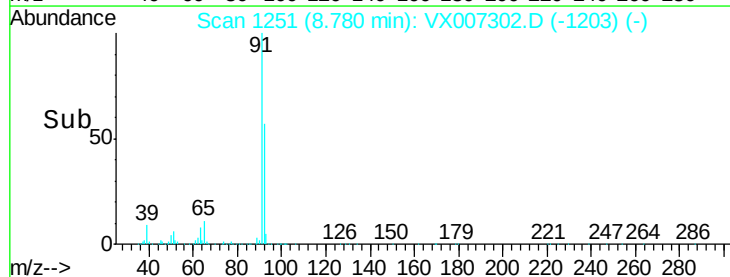
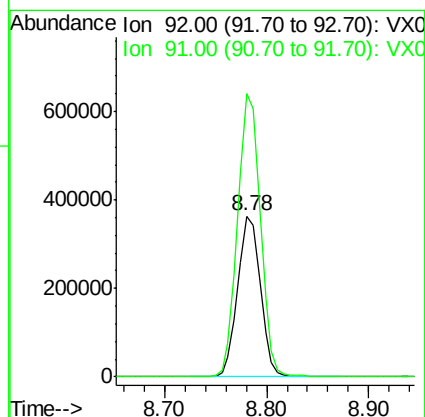
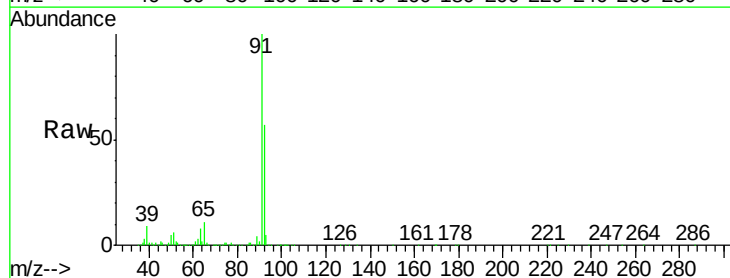
Acq: 30 Jan 2019 08:54

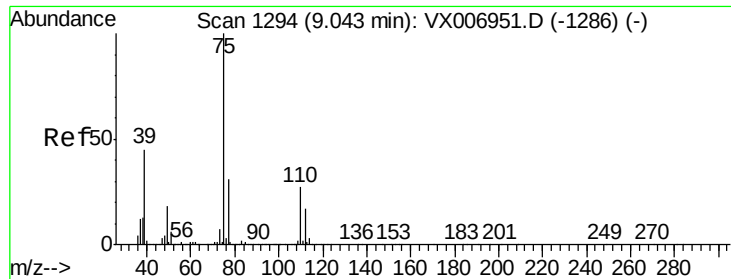
Tgt Ion: 92 Resp: 560537

Ion Ratio Lower Upper

92 100

91 175.9 137.6 206.4





#53

t-1,3-Dichloropropene

Concen: 50.720 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

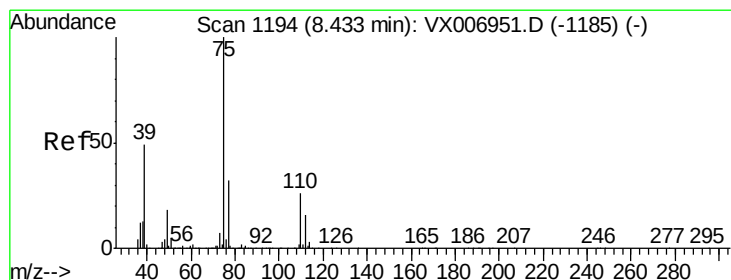
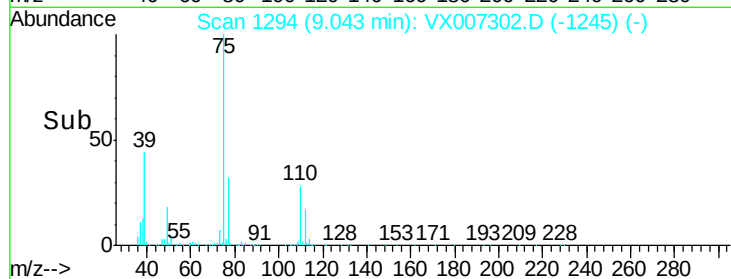
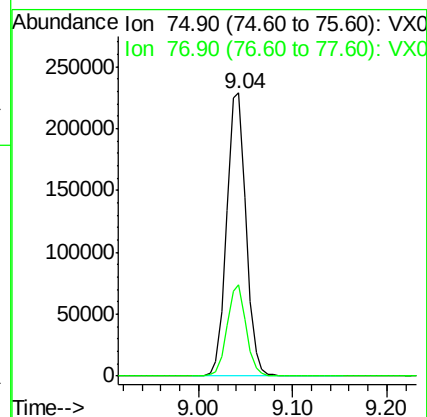
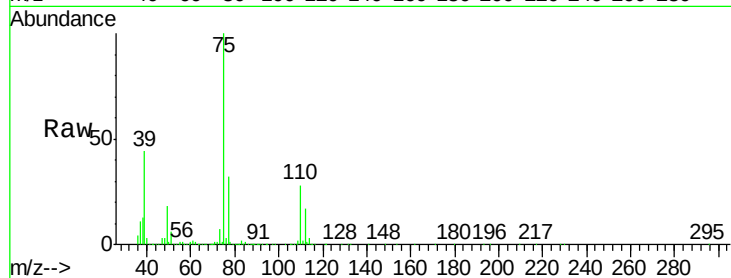
VSTDCCC050

Tot Ion: 75 Resp: 325138

Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 49.384 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

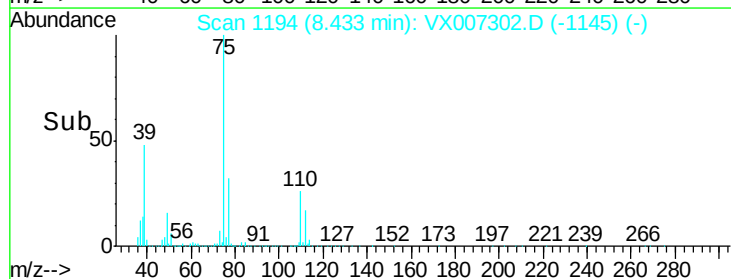
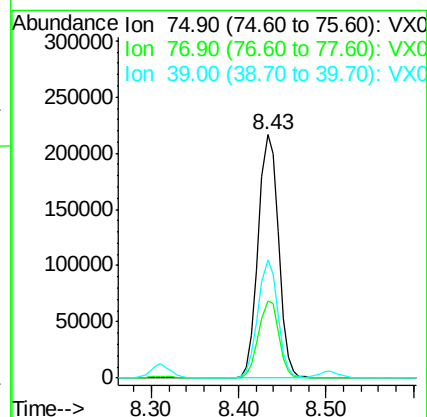
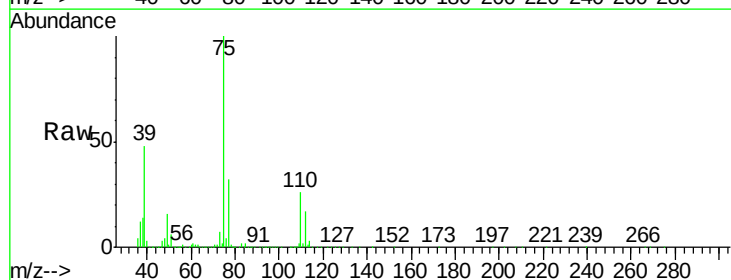
Tgt Ion: 75 Resp: 349602

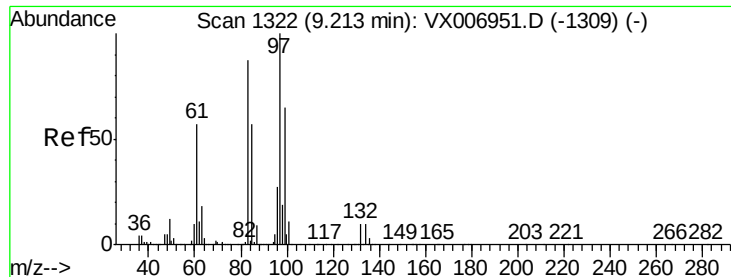
Ion Ratio Lower Upper

75 100

77 31.4 26.2 39.2

39 48.0 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 50.076 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 247632

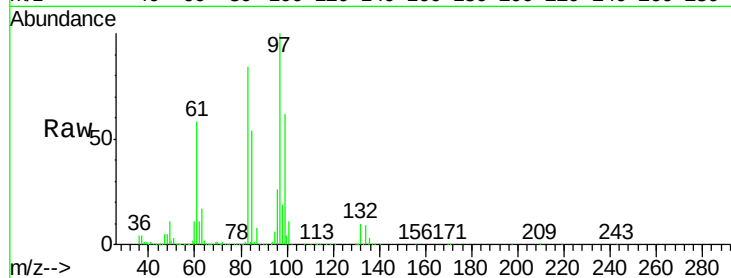
Ion	Ratio	Lower	Upper
97	100		
83	84.5	66.6	99.8
85	53.7	42.7	64.1
99	62.3	50.8	76.2

97 100

83 84.5 66.6 99.8

85 53.7 42.7 64.1

99 62.3 50.8 76.2



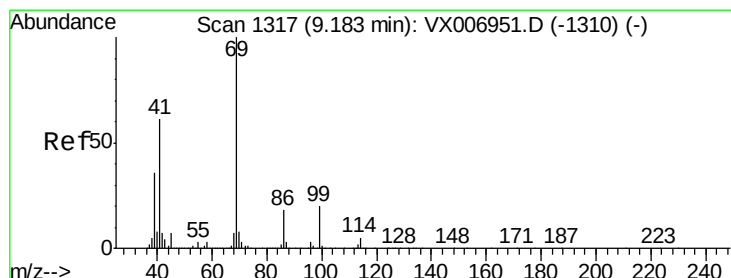
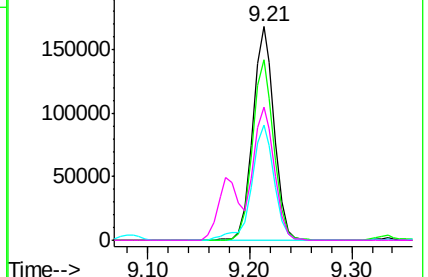
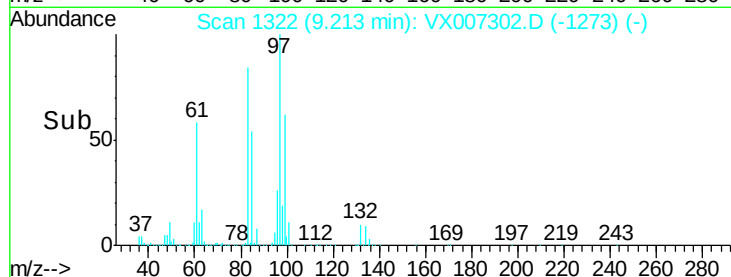
Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Time-->



#56

Ethyl methacrylate

Concen: 48.660 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

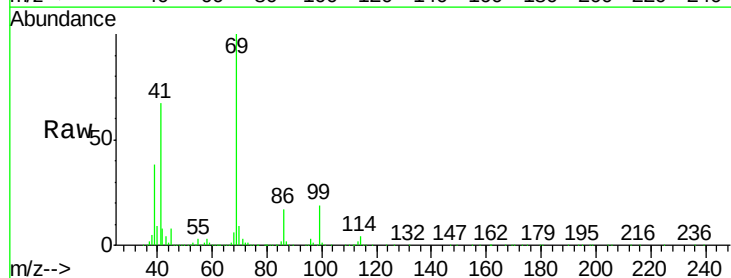
Tgt Ion: 69 Resp: 351288

Ion	Ratio	Lower	Upper
69	100		
41	64.2	48.7	73.1
39	36.9	27.0	40.6

69 100

41 64.2 48.7 73.1

39 36.9 27.0 40.6

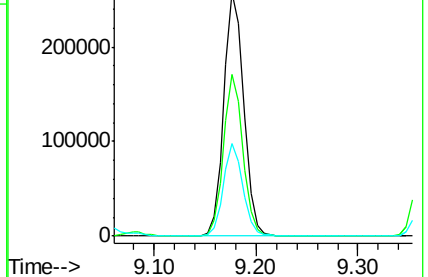
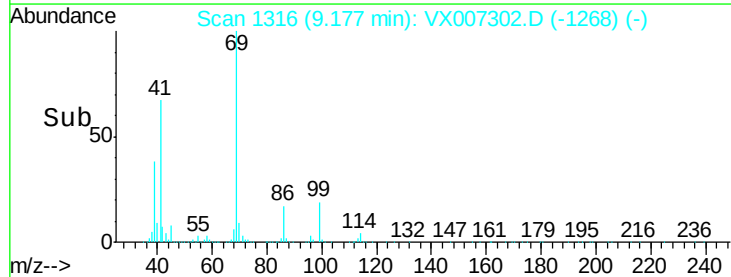


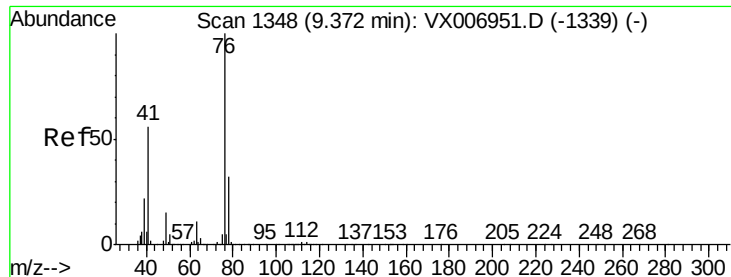
Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Time-->





#57

1,3-Dichloropropane

Concen: 47.550 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

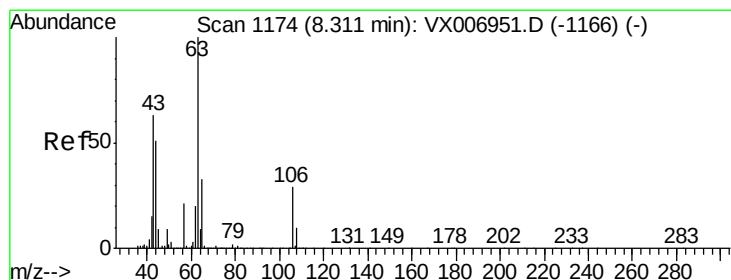
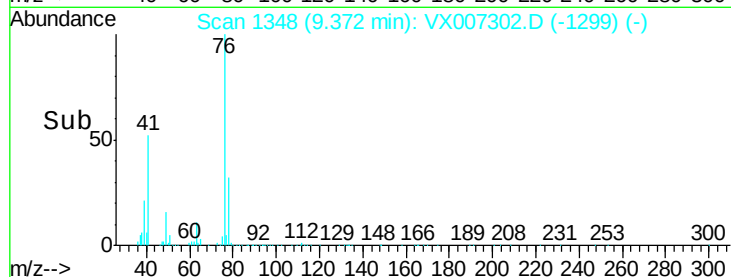
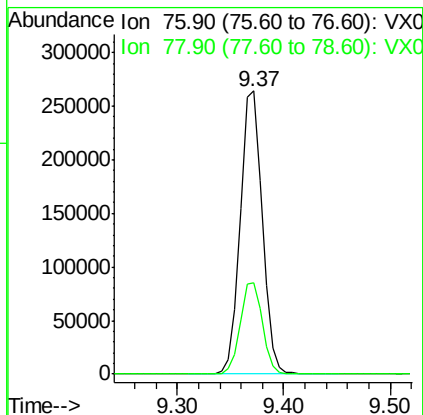
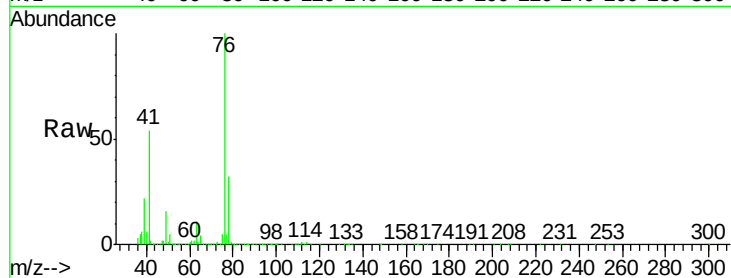
VSTDCCC050

Tot Ion: 76 Resp: 385230

Ion Ratio Lower Upper

76 100

78 32.5 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 238.410 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007302.D

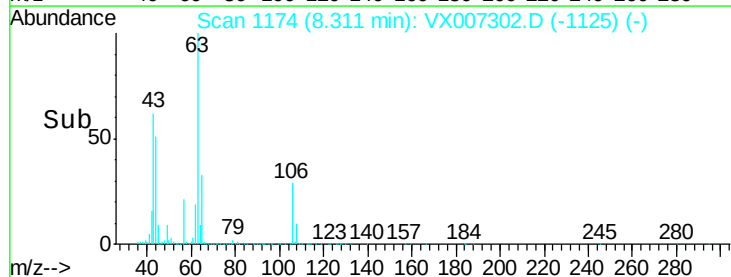
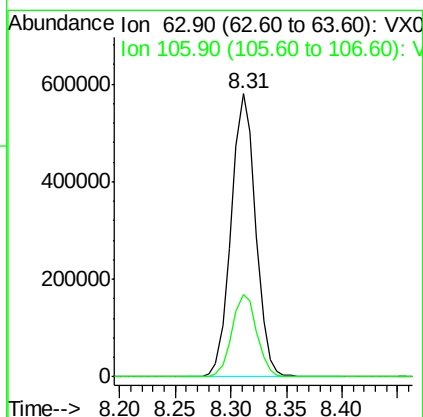
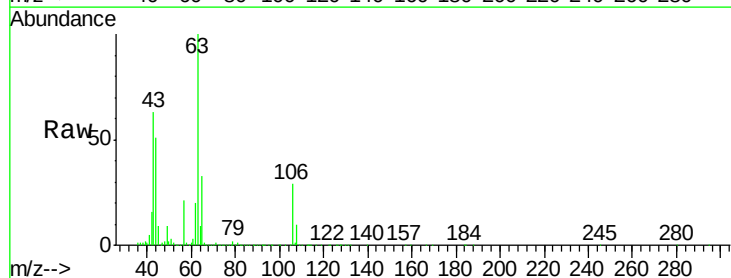
Acq: 30 Jan 2019 08:54

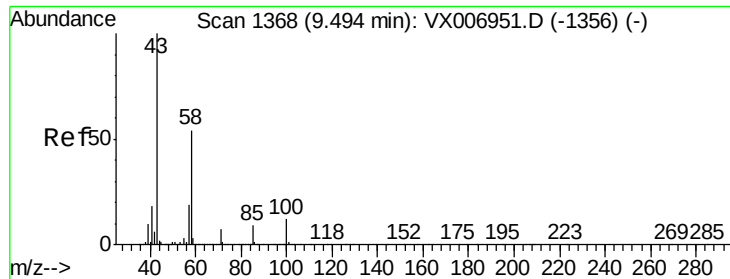
Tgt Ion: 63 Resp: 884942

Ion Ratio Lower Upper

63 100

106 29.8 24.6 36.8

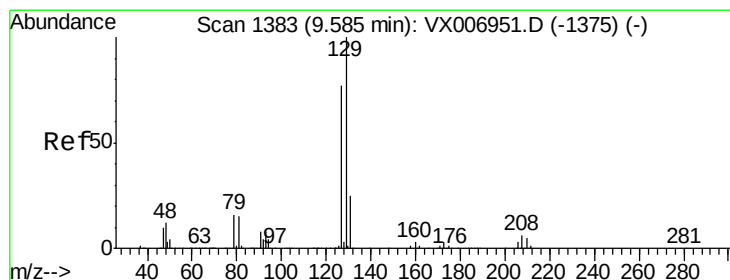
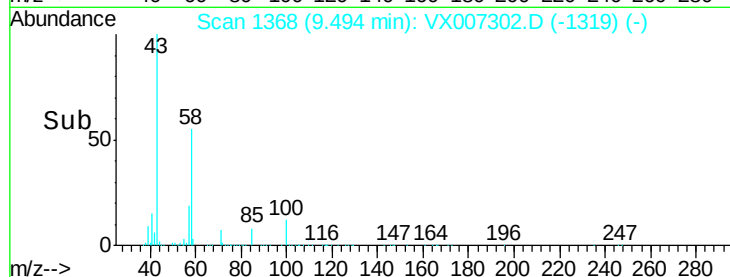
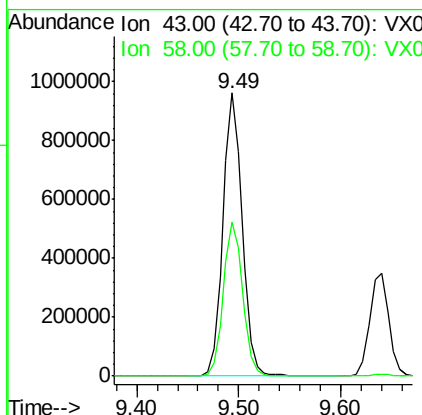
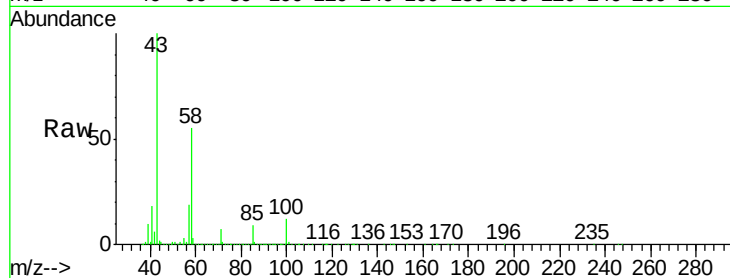




#59
2-Hexanone
Concen: 242.652 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

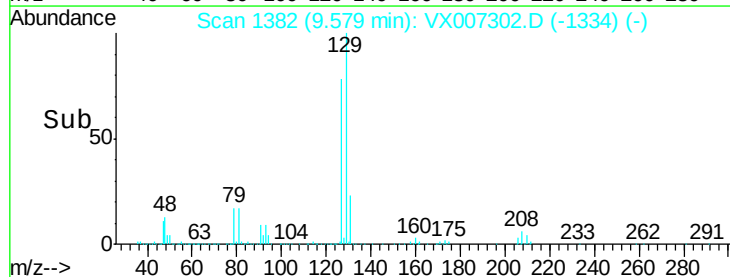
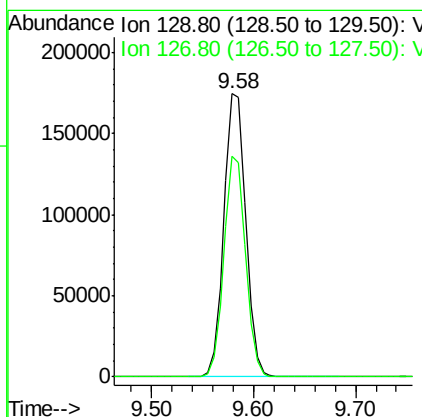
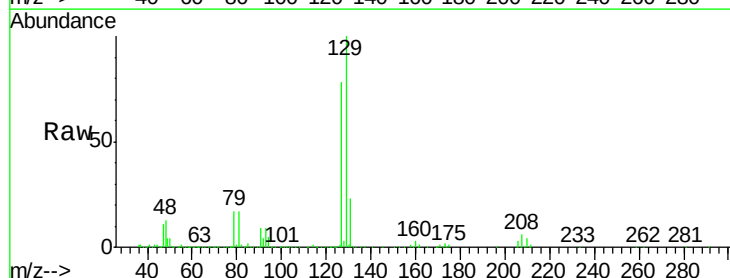
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

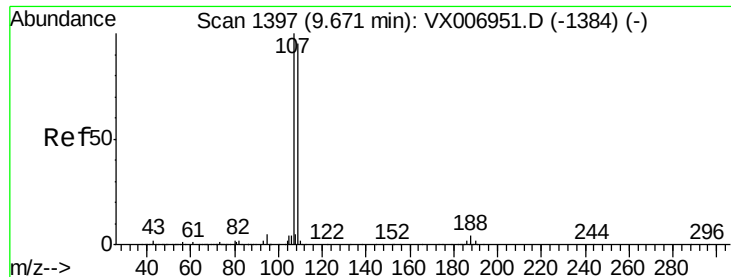
Tot Ion: 43 Resp: 1266001
Ion Ratio Lower Upper
43 100
58 54.7 27.7 83.1



#60
Dibromochloromethane
Concen: 54.173 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Tgt Ion: 129 Resp: 260131
Ion Ratio Lower Upper
129 100
127 77.0 39.3 117.8





#61

1,2-Dibromoethane

Concen: 47.192 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

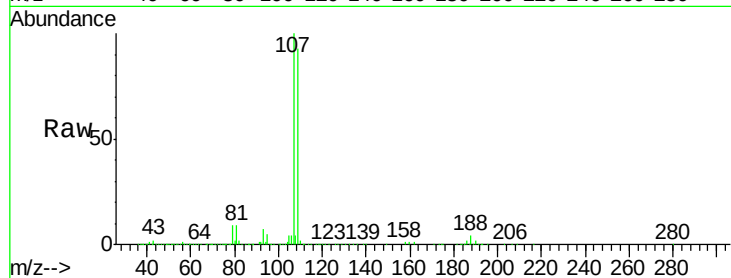
VSTDCCC050

Tot Ion:107 Resp: 256916

Ion Ratio Lower Upper

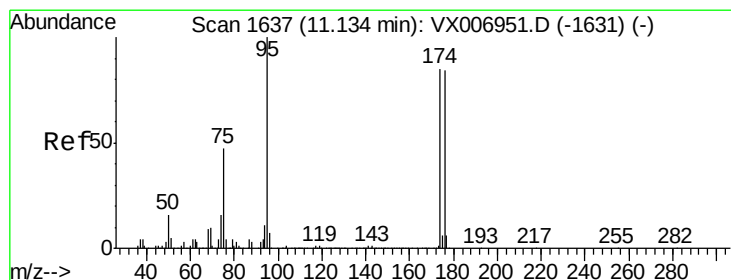
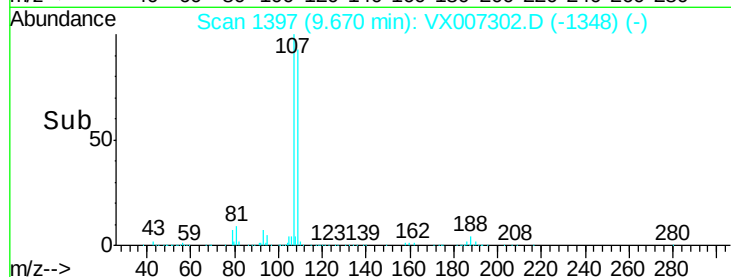
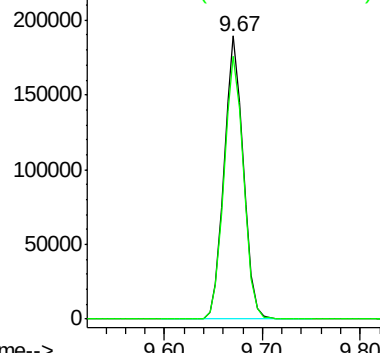
107 100

109 94.8 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.045 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

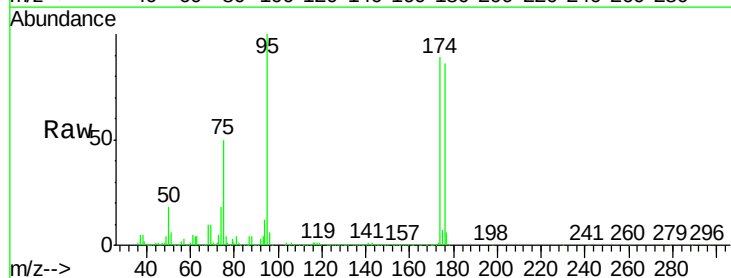
Tgt Ion: 95 Resp: 296331

Ion Ratio Lower Upper

95 100

174 95.1 0.0 182.2

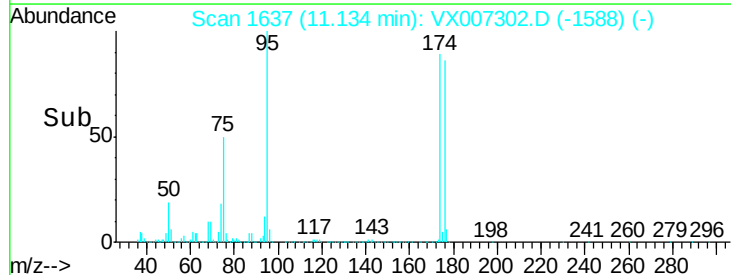
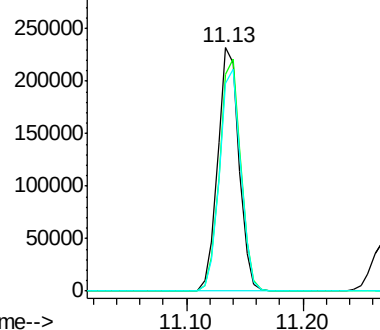
176 91.7 0.0 178.8

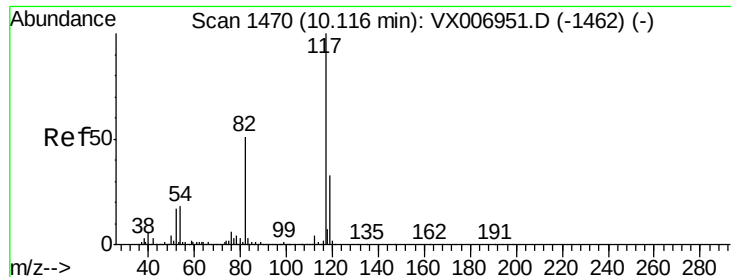


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

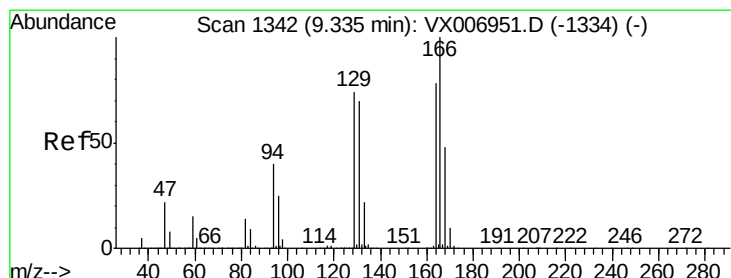
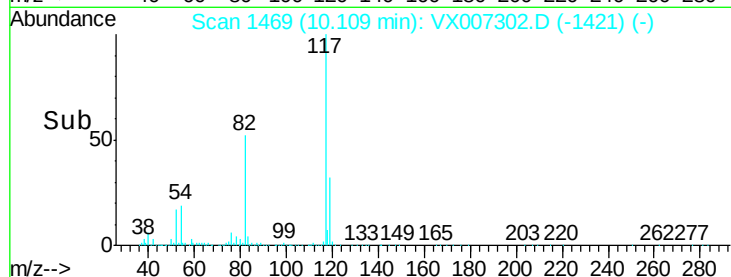
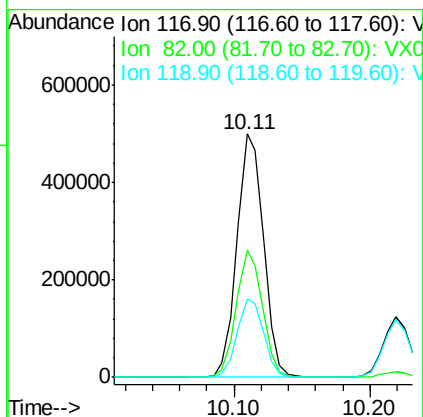
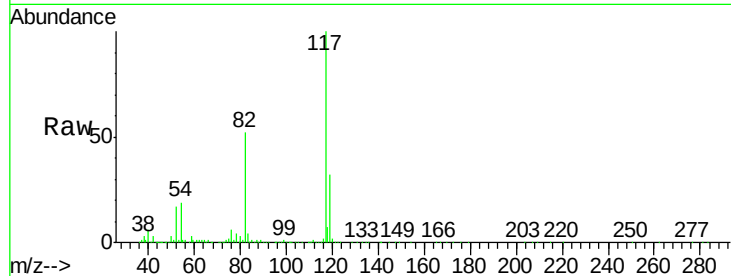




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

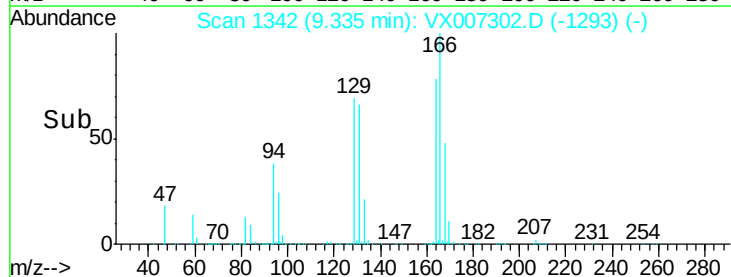
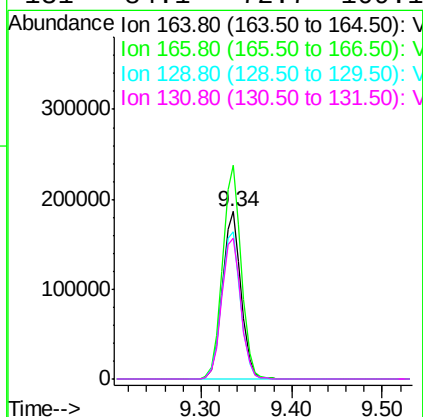
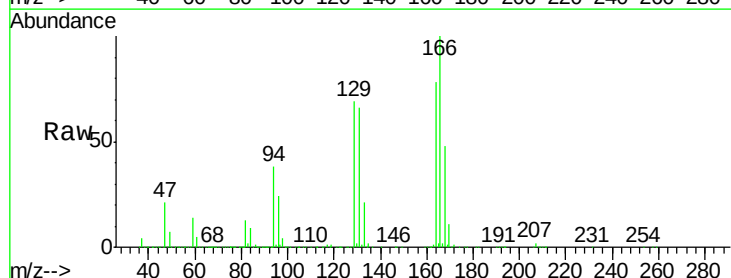
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

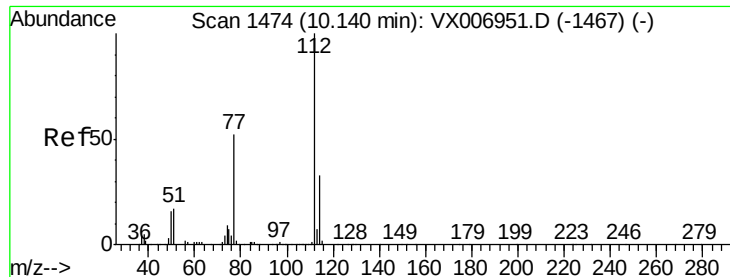
Tot Ion:117 Resp: 680533
Ion Ratio Lower Upper
117 100
82 52.0 41.0 61.6
119 32.4 25.4 38.0



#64
Tetrachloroethene
Concen: 45.350 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Tgt Ion:164 Resp: 267195
Ion Ratio Lower Upper
164 100
166 127.5 102.5 153.7
129 88.0 75.1 112.7
131 84.1 72.7 109.1

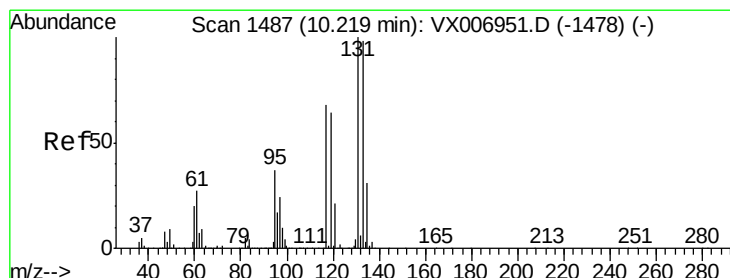
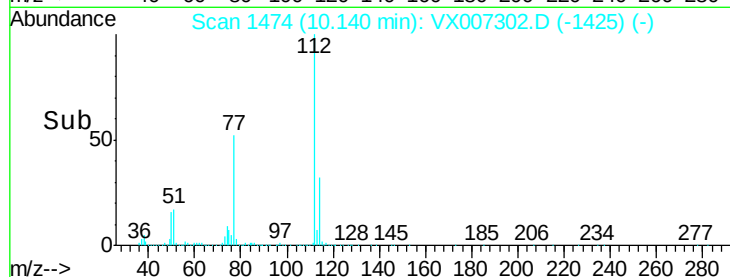
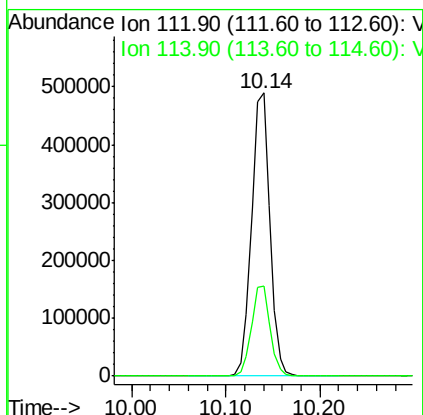
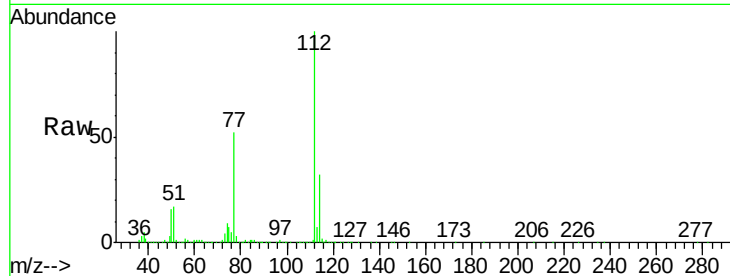




#65
Chlorobenzene
Concen: 45.416 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

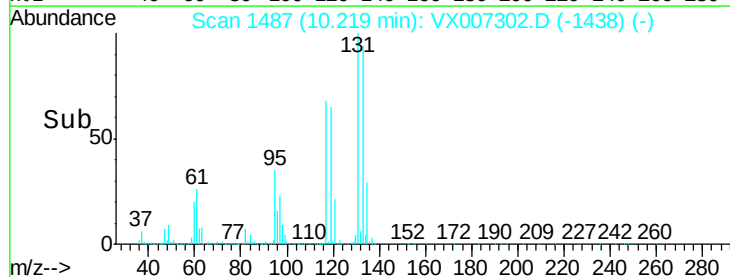
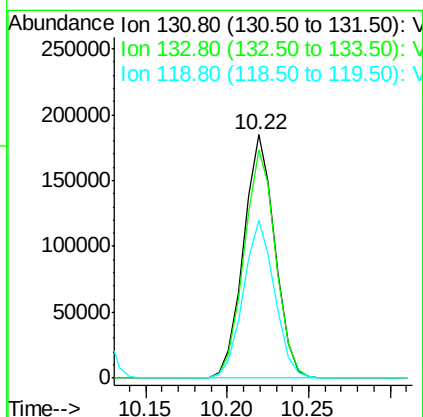
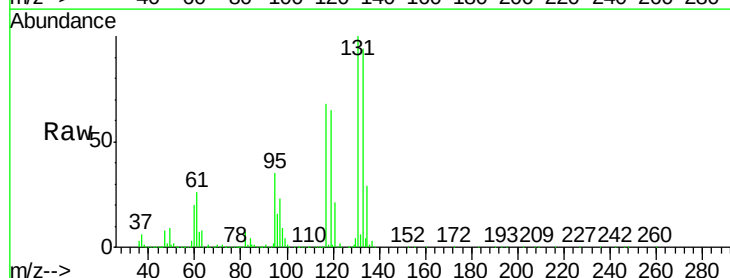
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

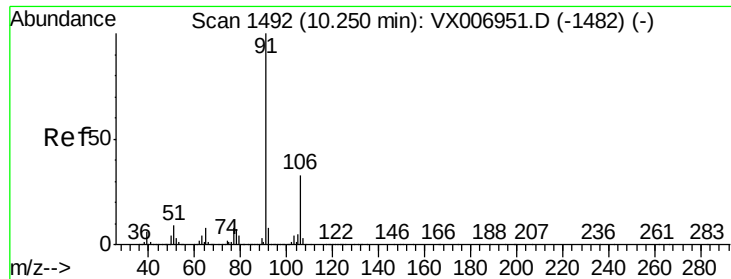
Tot Ion:112 Resp: 674097
Ion Ratio Lower Upper
112 100
114 31.8 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 49.524 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Tgt Ion:131 Resp: 247281
Ion Ratio Lower Upper
131 100
133 94.6 48.0 144.2
119 64.8 32.6 97.8





#67

Ethyl Benzene

Concen: 45.503 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

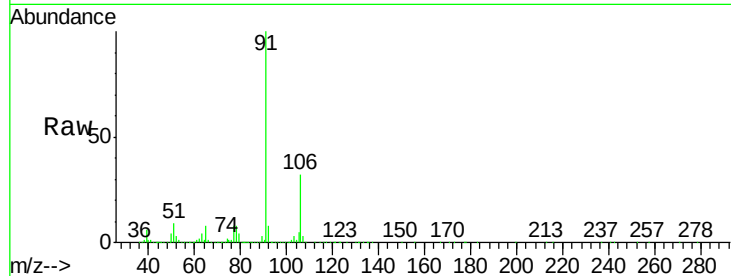
VSTDCCC050

Tot Ion: 91 Resp: 1114984

Ion Ratio Lower Upper

91 100

106 32.1 26.4 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX006951.D (-1482) (-)

Ion 106.00 (105.70 to 106.70): VX006951.D (-1482) (-)

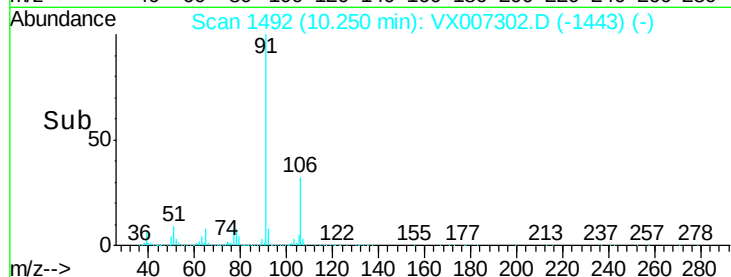
1500000

1000000

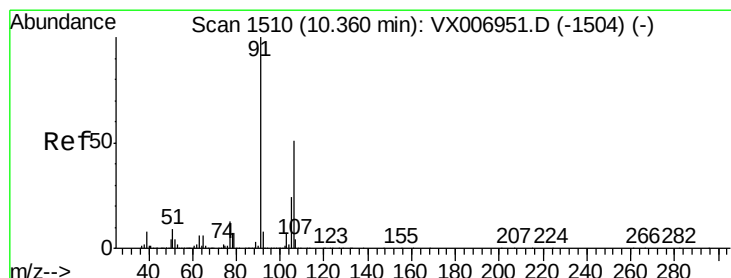
500000

0

10.20 10.30



Time-->



#68

m/p-Xylenes

Concen: 92.005 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007302.D

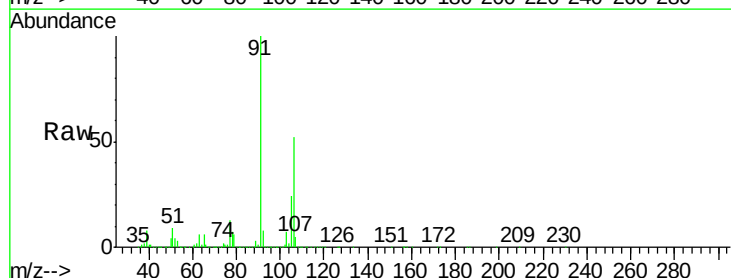
Acq: 30 Jan 2019 08:54

Tgt Ion: 106 Resp: 888218

Ion Ratio Lower Upper

106 100

91 195.3 155.8 233.6



Abundance Ion 106.00 (105.70 to 106.70): VX006951.D (-1504) (-)

Ion 91.00 (90.70 to 91.70): VX006951.D (-1504) (-)

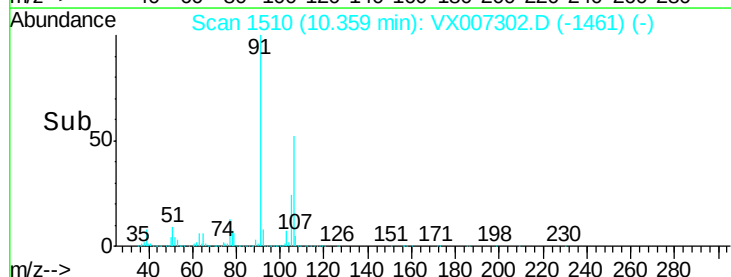
1500000

1000000

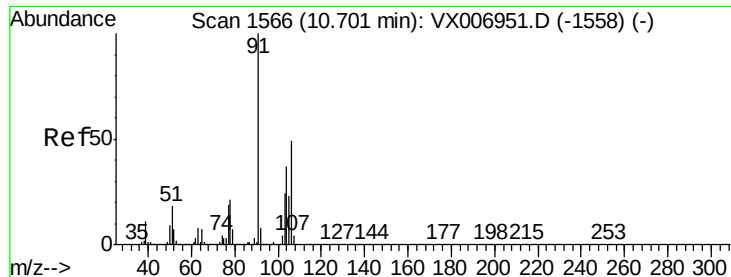
500000

0

10.30 10.40



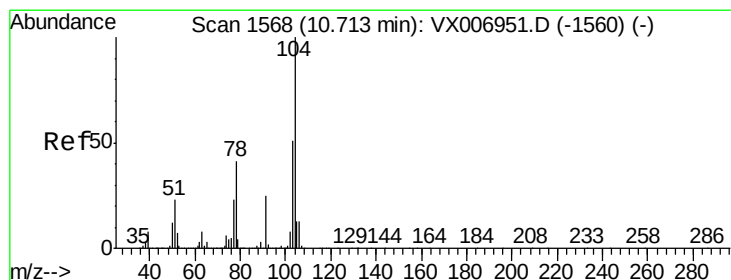
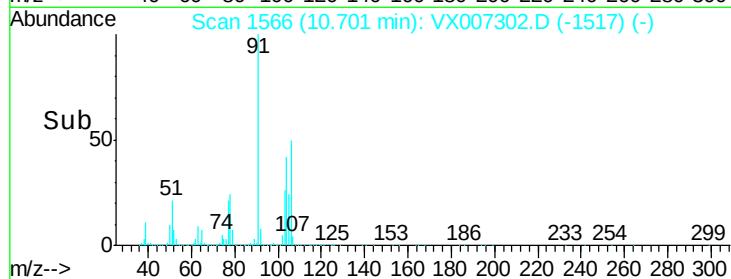
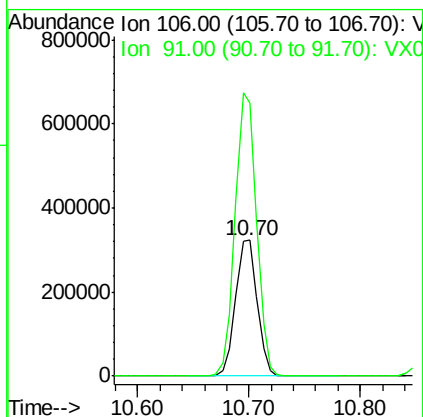
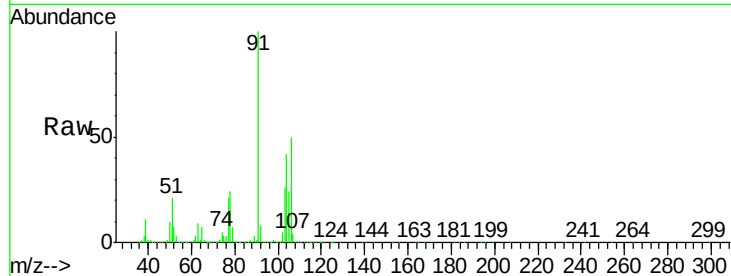
Time-->



#69
o-Xylene
Concen: 46.221 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

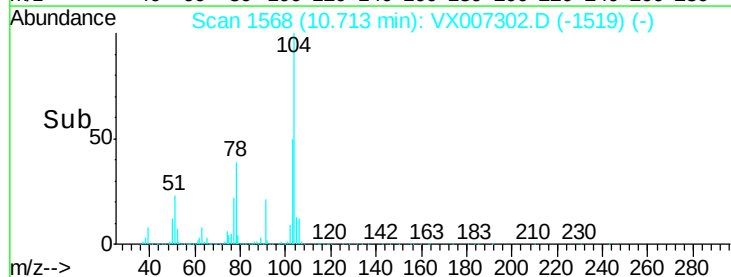
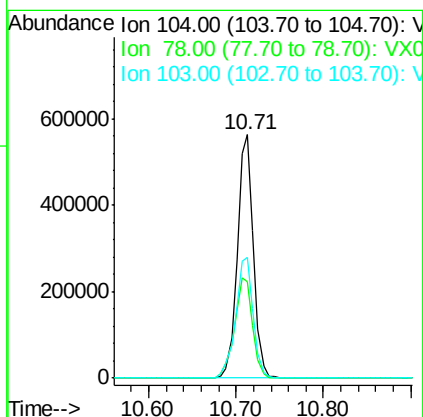
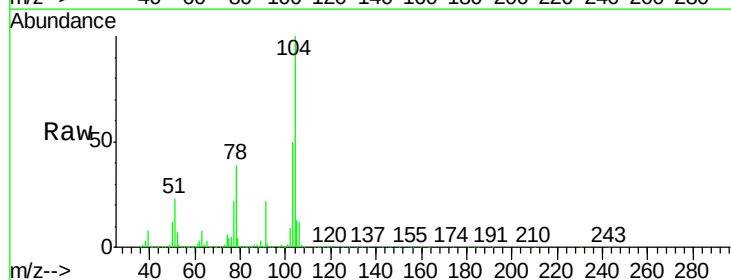
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

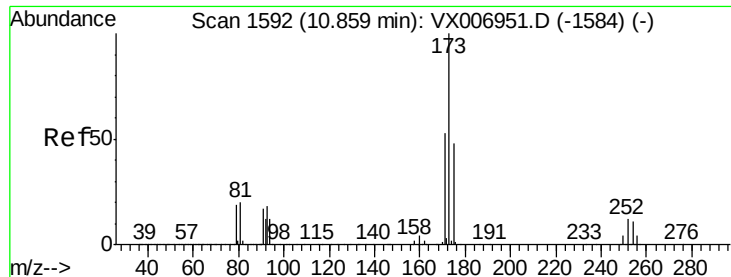
Tot Ion:106 Resp: 435174
Ion Ratio Lower Upper
106 100
91 206.2 101.3 303.7



#70
Styrene
Concen: 48.348 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Tgt Ion:104 Resp: 720941
Ion Ratio Lower Upper
104 100
78 46.6 37.7 56.5
103 54.7 43.8 65.8





#71

Bromoform

Concen: 44.829 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

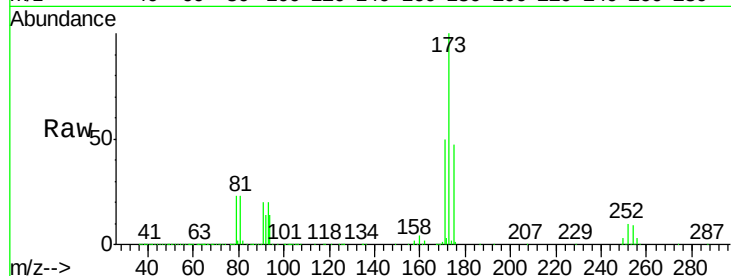
Tot Ion:173 Resp: 197849

Ion Ratio Lower Upper

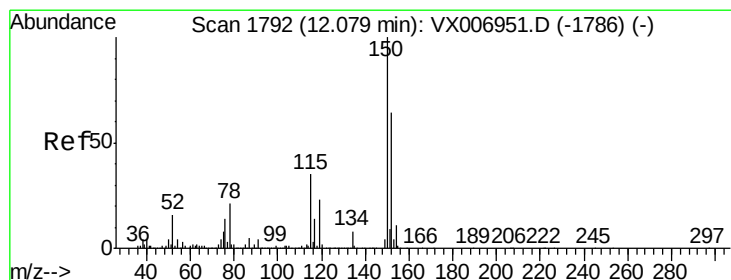
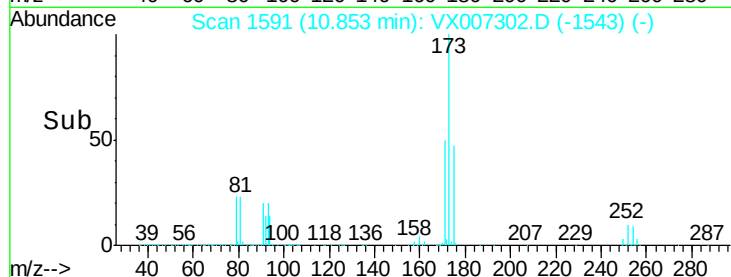
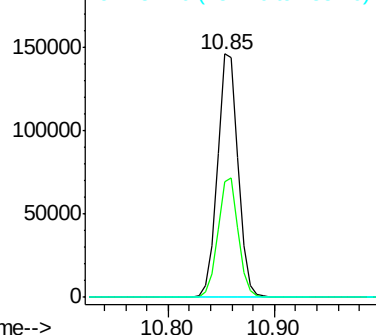
173 100

175 48.5 24.7 74.1

254 0.2 0.2 0.2



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: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

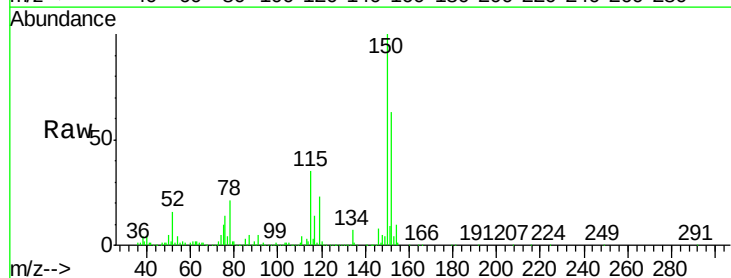
Tgt Ion:152 Resp: 371781

Ion Ratio Lower Upper

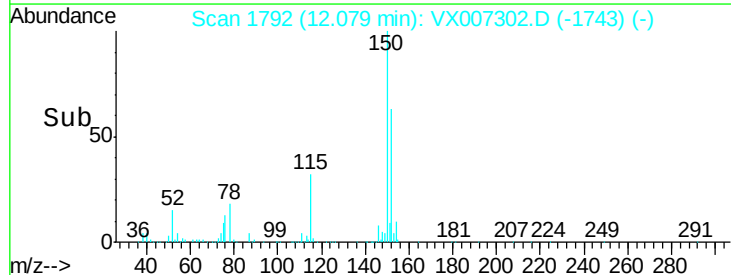
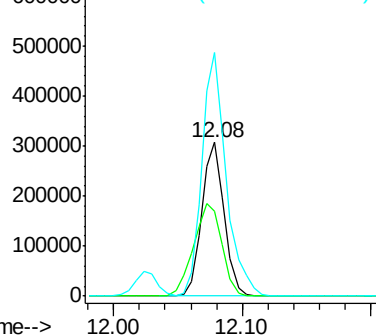
152 100

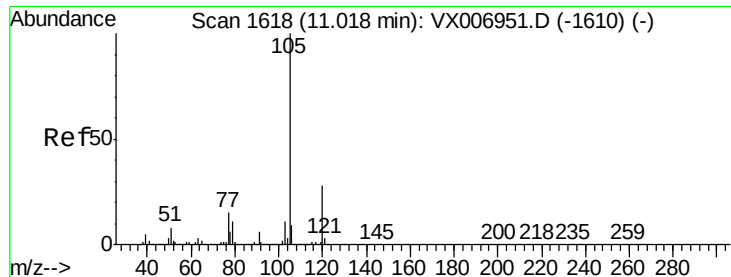
115 77.0 39.1 117.2

150 172.1 0.0 344.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 45.091 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

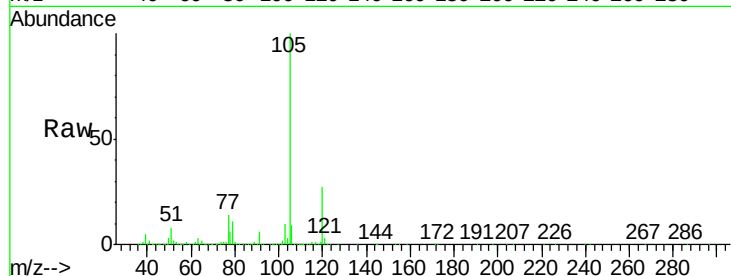
VSTDCCC050

Tot Ion:105 Resp: 1182099

Ion Ratio Lower Upper

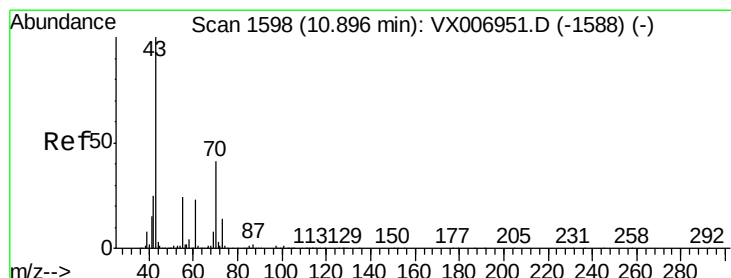
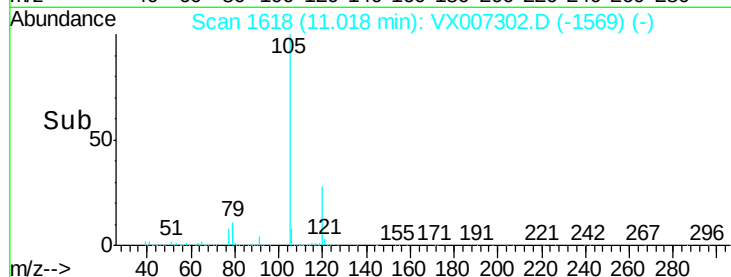
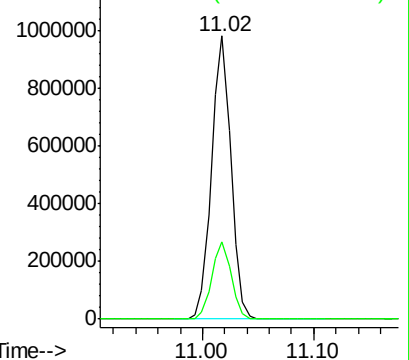
105 100

120 27.5 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 43.039 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Tgt Ion: 43 Resp: 454276

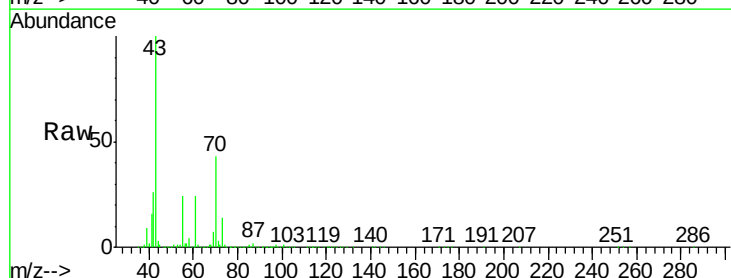
Ion Ratio Lower Upper

43 100

70 43.0 35.8 53.8

55 24.8 19.4 29.0

61 24.2 20.1 30.1

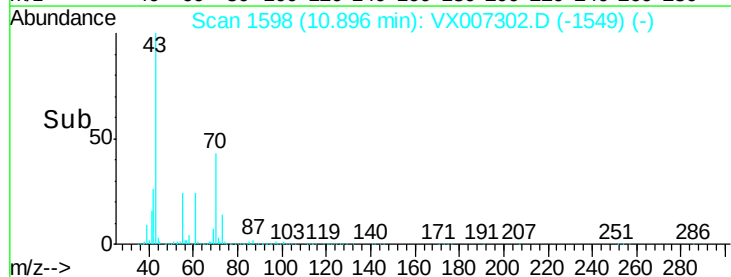
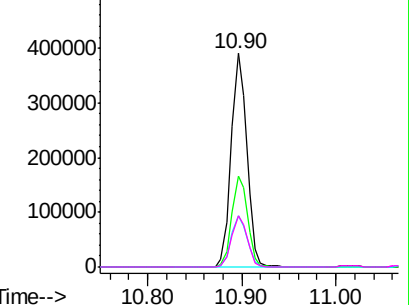


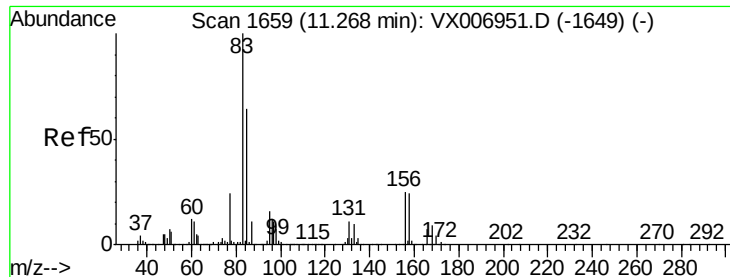
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 42.534 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

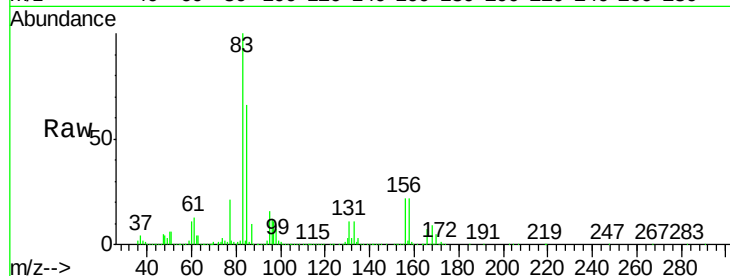
Tot Ion: 83 Resp: 353996

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.1

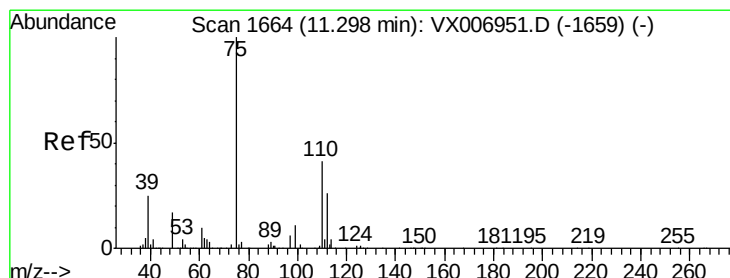
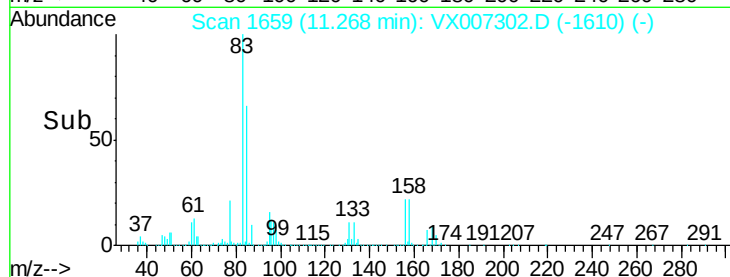
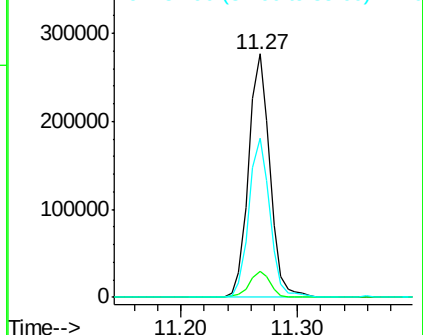
85 64.9 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 54.723 ug/l

RT: 11.29 min Scan# 1663

Delta R.T. -0.01 min

Lab File: VX007302.D

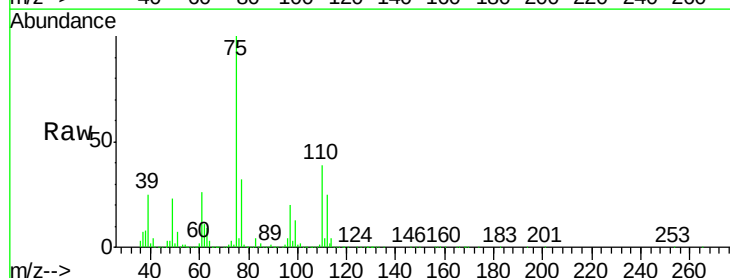
Acq: 30 Jan 2019 08:54

Tgt Ion: 75 Resp: 412284

Ion Ratio Lower Upper

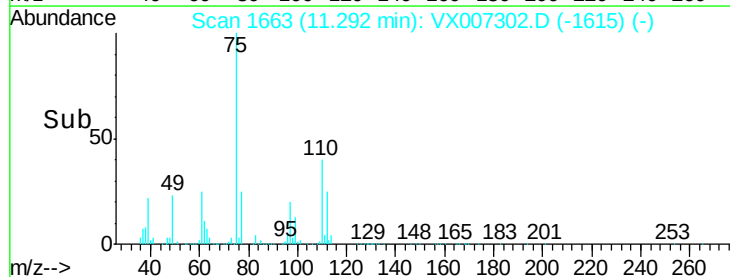
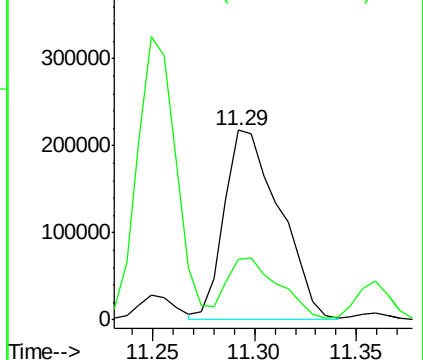
75 100

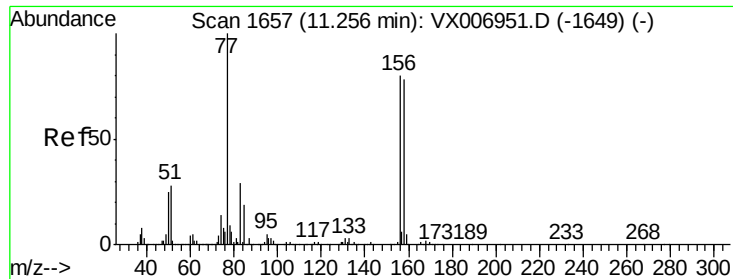
77 30.3 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 44.205 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

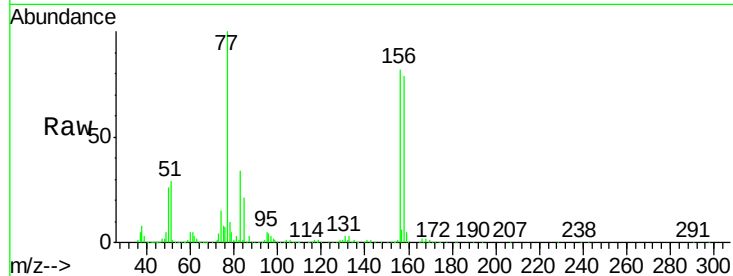
Tot Ion:156 Resp: 319309

Ion Ratio Lower Upper

156 100

77 135.2 68.0 204.0

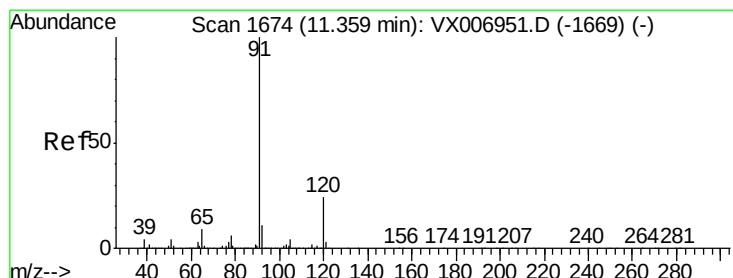
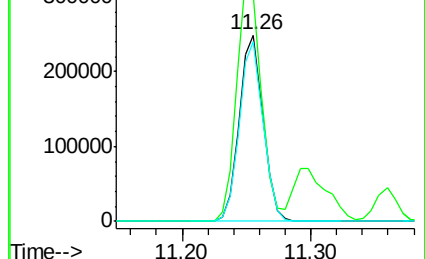
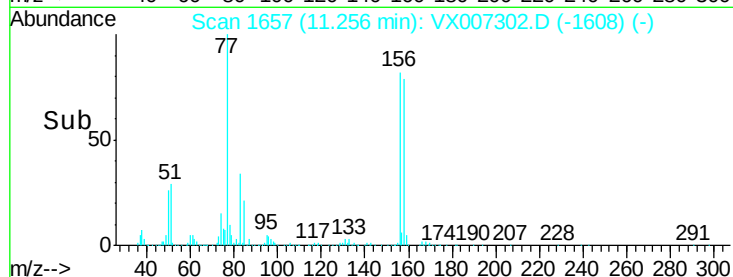
158 96.2 48.3 144.8



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: 46.560 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007302.D

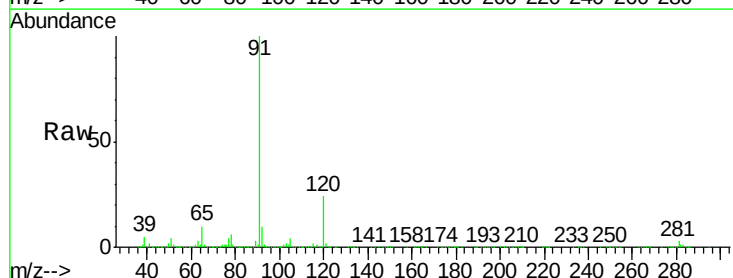
Acq: 30 Jan 2019 08:54

Tgt Ion: 91 Resp: 1339954

Ion Ratio Lower Upper

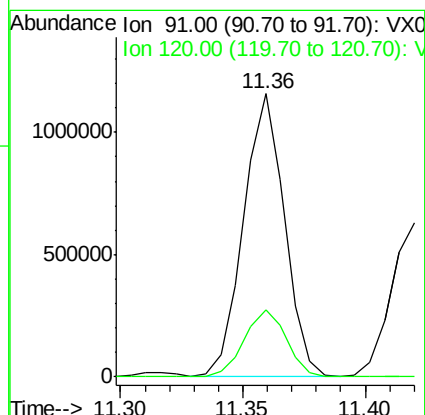
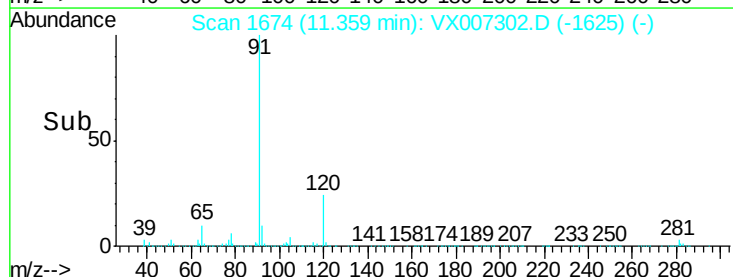
91 100

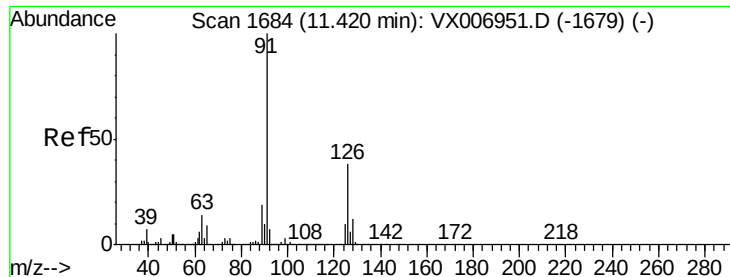
120 24.6 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 44.782 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

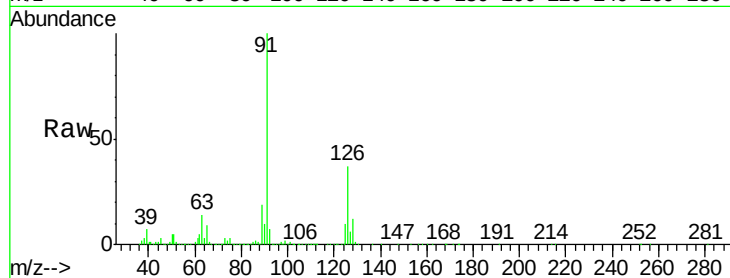
VSTDCCC050

Tot Ion: 91 Resp: 775807

Ion Ratio Lower Upper

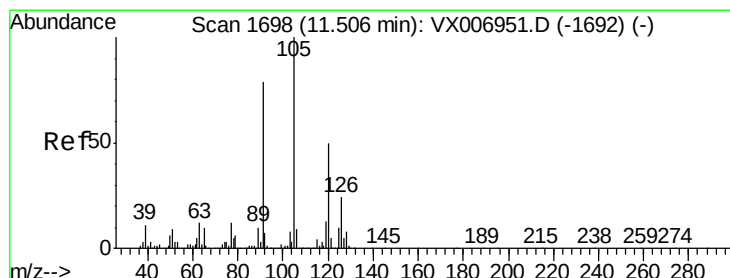
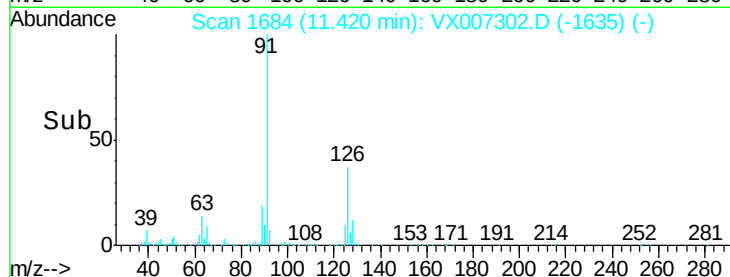
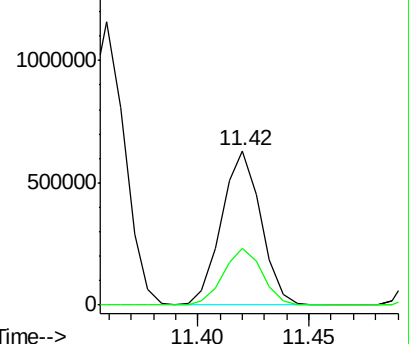
91 100

126 36.7 18.6 56.0



Abundance Ion 91.00 (90.70 to 91.70): VX006951.D (-1679) (-)

Ion 125.90 (125.60 to 126.60): VX006951.D (-1679) (-)



#80

1,3,5-Trimethylbenzene

Concen: 45.046 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007302.D

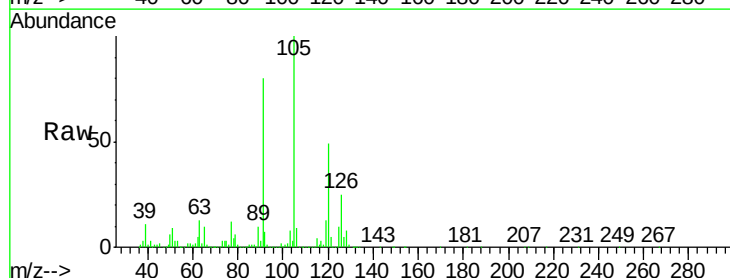
Acq: 30 Jan 2019 08:54

Tgt Ion: 105 Resp: 986746

Ion Ratio Lower Upper

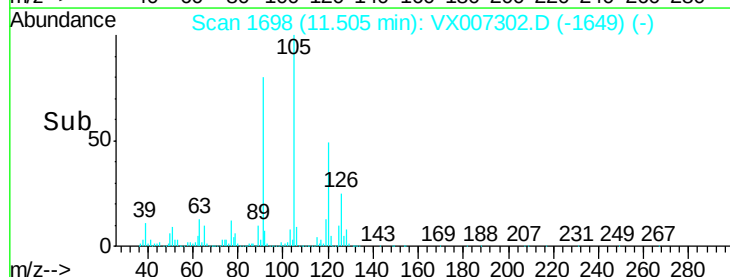
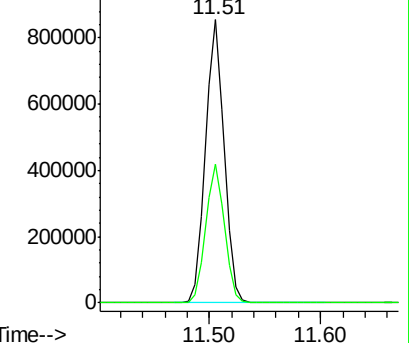
105 100

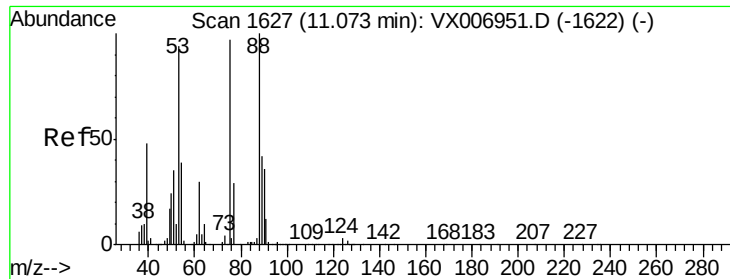
120 49.3 25.1 75.3



Abundance Ion 105.00 (104.70 to 105.70): VX006951.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX006951.D (-1692) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 42.354 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

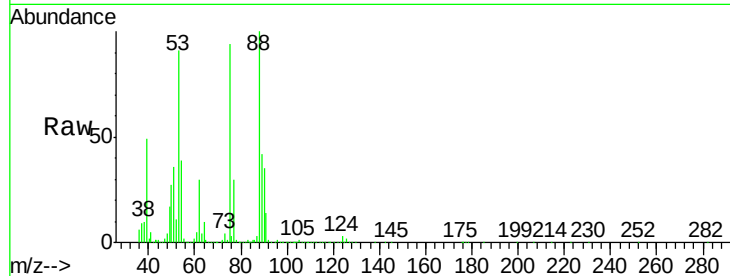
Tot Ion: 75 Resp: 104172

Ion Ratio Lower Upper

75 100

53 99.2 79.7 119.5

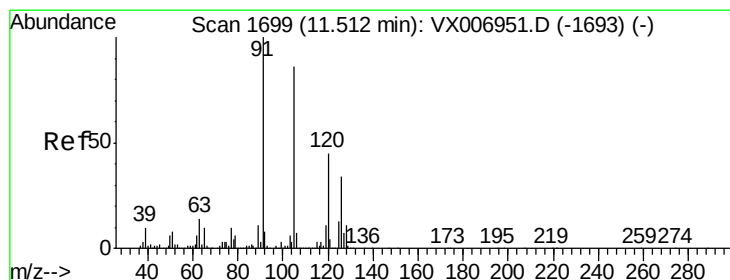
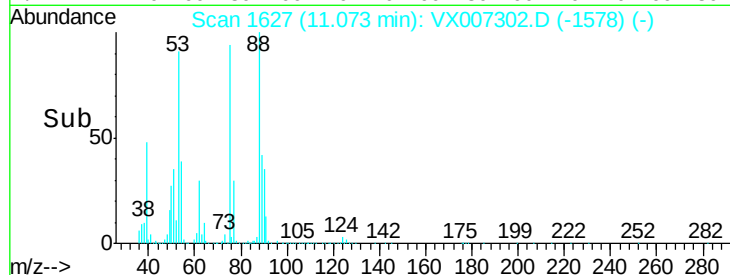
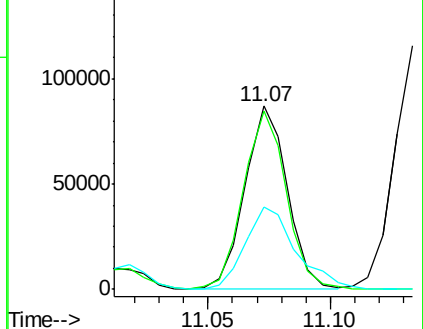
89 54.3 38.0 57.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 45.112 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007302.D

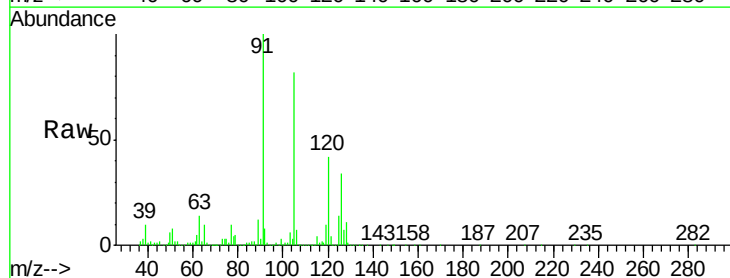
Acq: 30 Jan 2019 08:54

Tgt Ion: 91 Resp: 904869

Ion Ratio Lower Upper

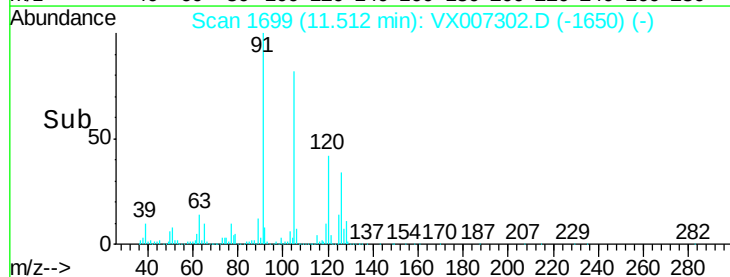
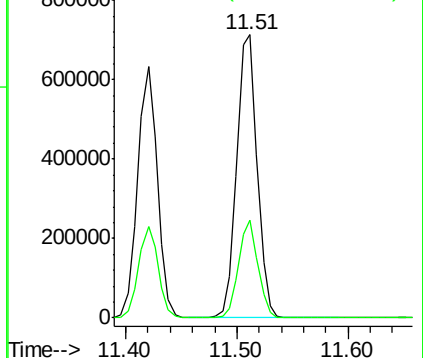
91 100

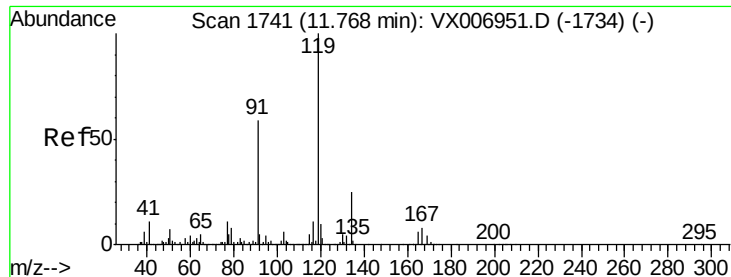
126 32.8 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 44.533 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

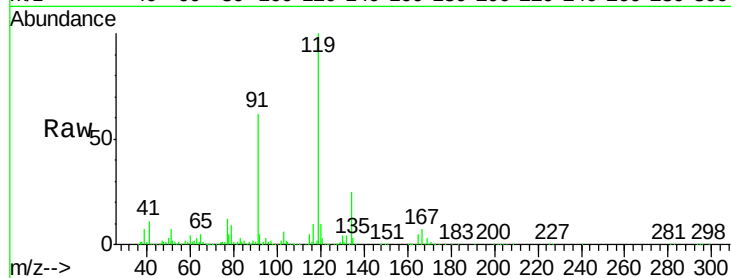
Tot Ion:119 Resp: 973293

Ion Ratio Lower Upper

119 100

91 57.0 27.7 83.1

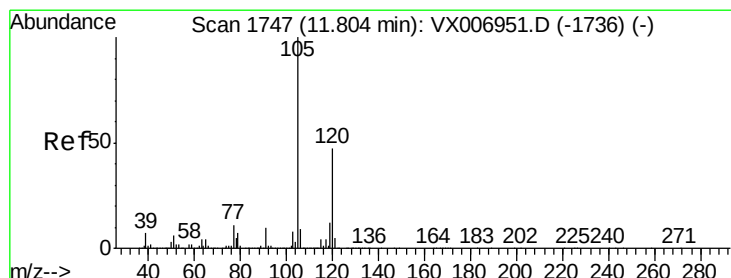
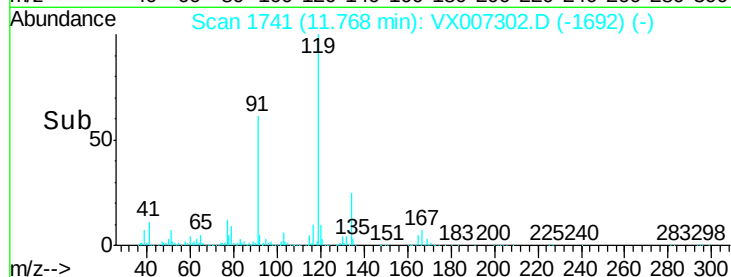
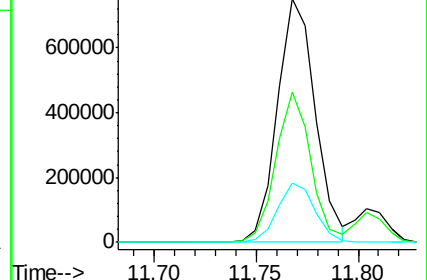
134 24.1 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 45.111 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007302.D

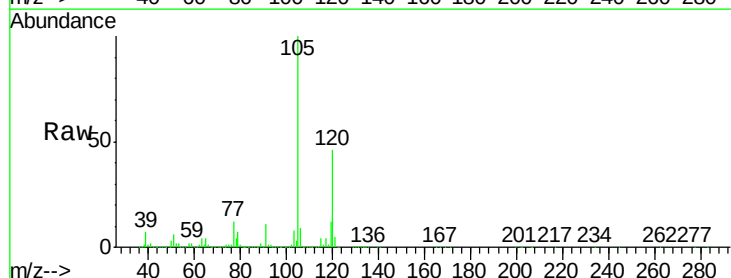
Acq: 30 Jan 2019 08:54

Tgt Ion:105 Resp: 993693

Ion Ratio Lower Upper

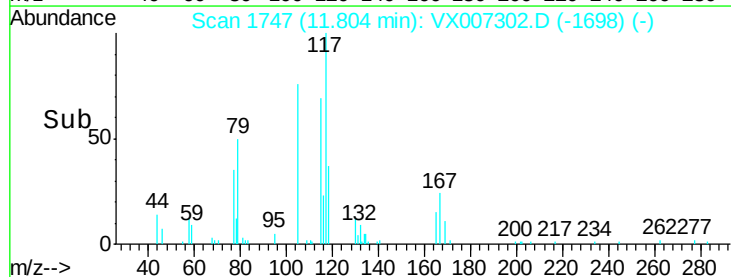
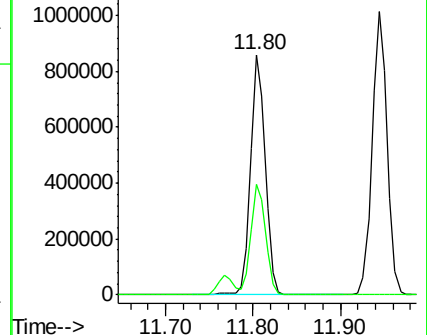
105 100

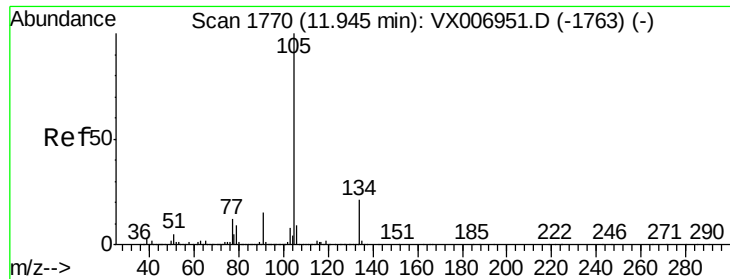
120 46.0 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 46.777 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

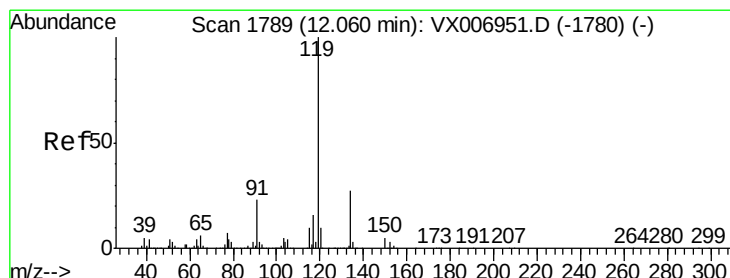
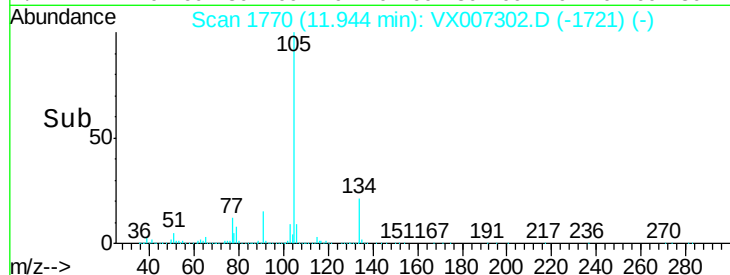
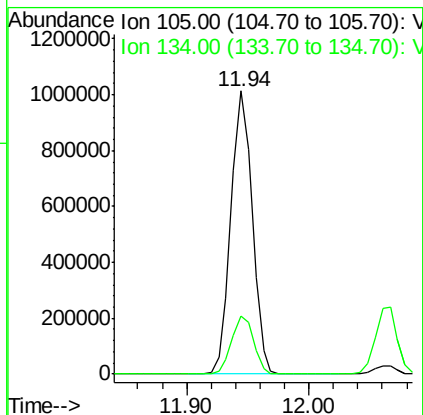
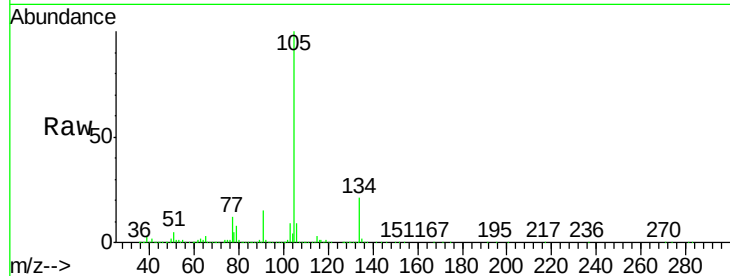
VSTDCCC050

Tot Ion:105 Resp: 1220943

Ion Ratio Lower Upper

105 100

134 21.1 10.7 31.9



#86

p-Isopropyltoluene

Concen: 46.697 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

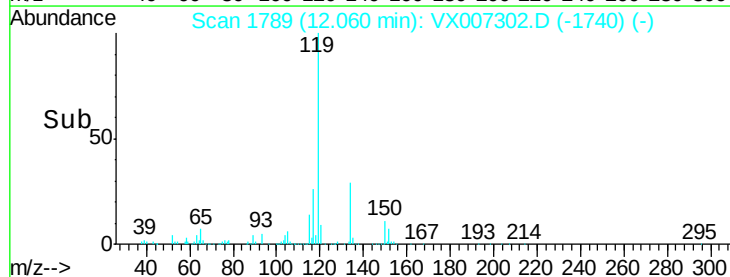
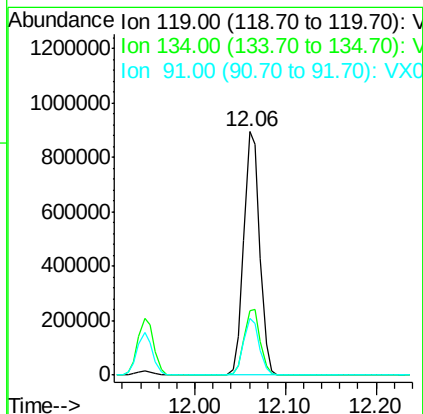
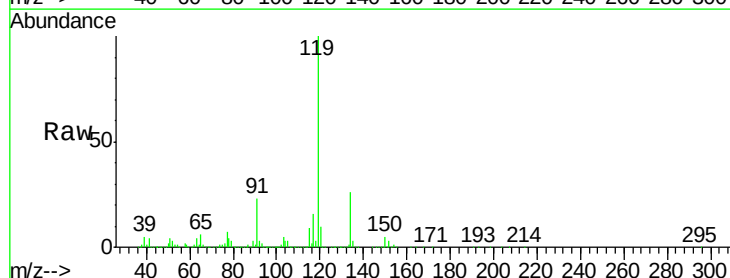
Tgt Ion:119 Resp: 1090220

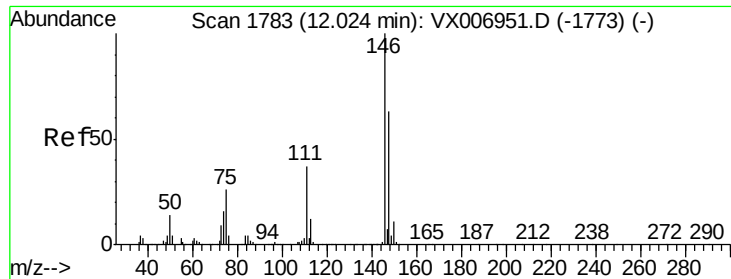
Ion Ratio Lower Upper

119 100

134 27.3 14.0 41.9

91 22.7 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 44.308 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

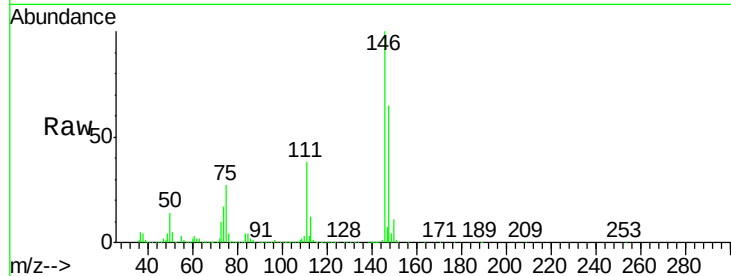
Tot Ion:146 Resp: 578493

Ion	Ratio	Lower	Upper
146	100		
111	37.0	18.6	55.8
148	64.7	31.8	95.3

146 100

111 37.0 18.6 55.8

148 64.7 31.8 95.3



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

600000

500000

400000

300000

200000

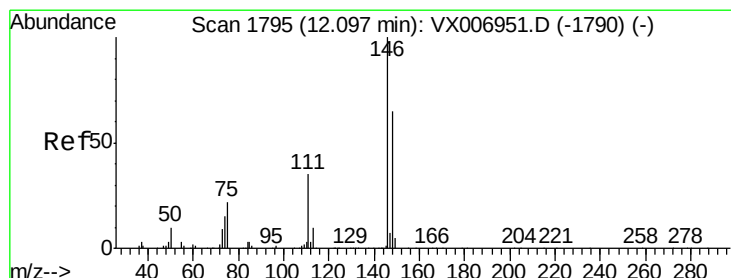
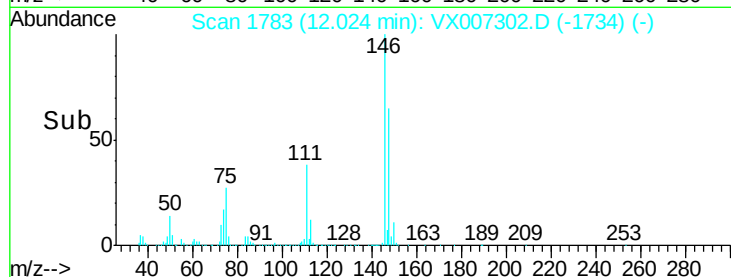
100000

0

12.02

11.95 12.00 12.05

Time-->



#88

1,4-Dichlorobenzene

Concen: 46.876 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

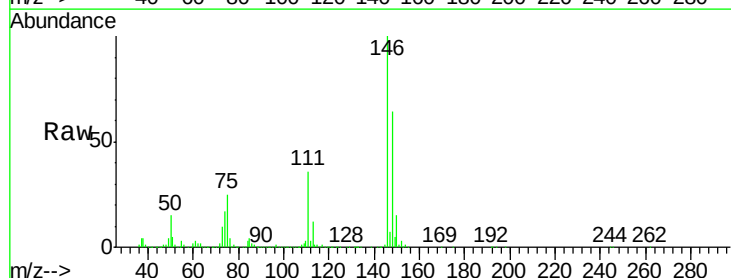
Tgt Ion:146 Resp: 579769

Ion	Ratio	Lower	Upper
146	100		
111	36.3	18.1	54.1
148	64.0	31.9	95.9

146 100

111 36.3 18.1 54.1

148 64.0 31.9 95.9



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

600000

500000

400000

300000

200000

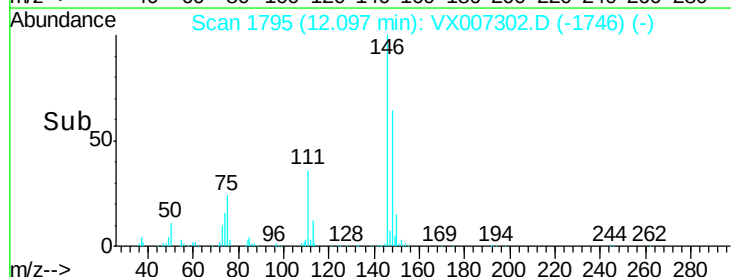
100000

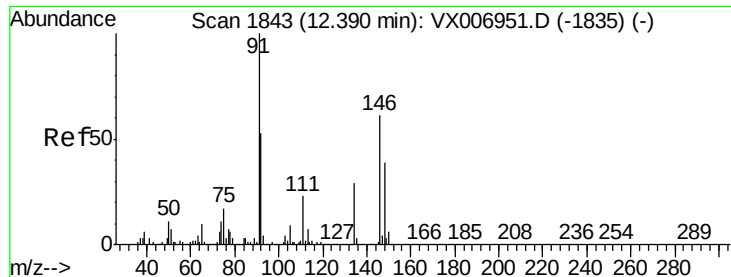
0

12.10

12.00 12.20

Time-->

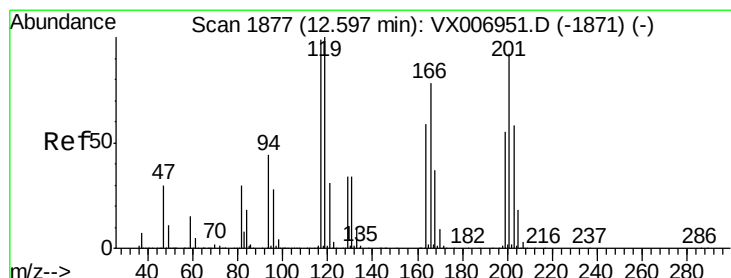
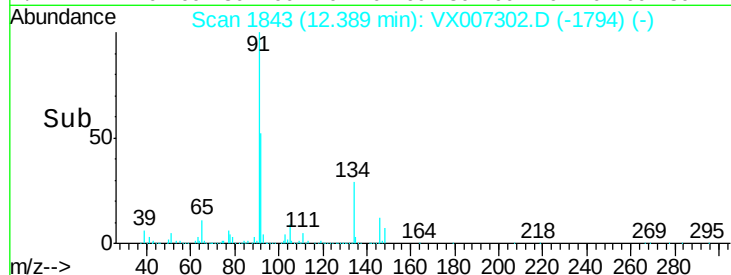
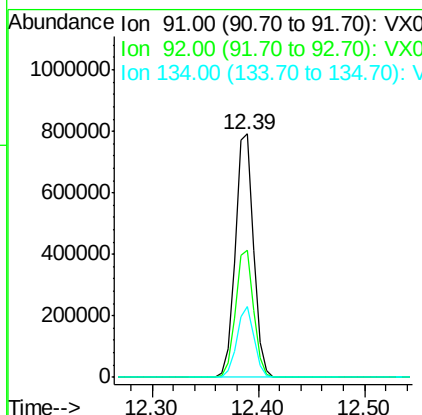
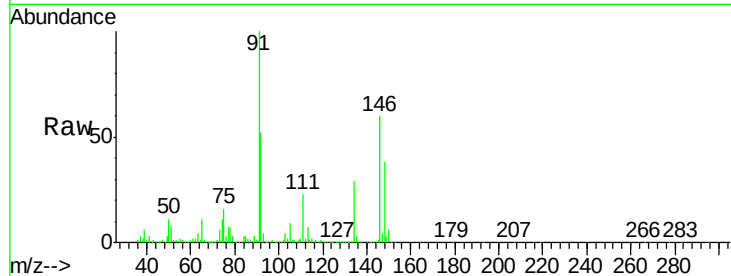




#89
n-Butylbenzene
Concen: 47.755 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

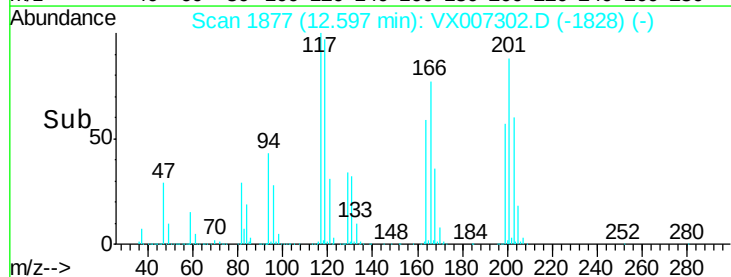
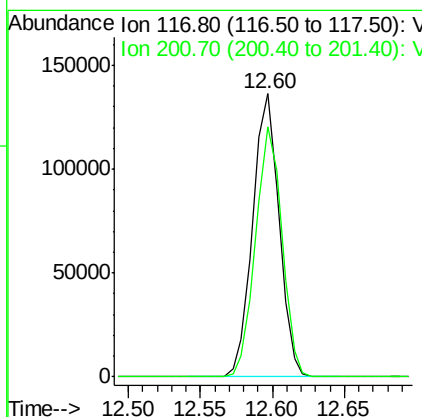
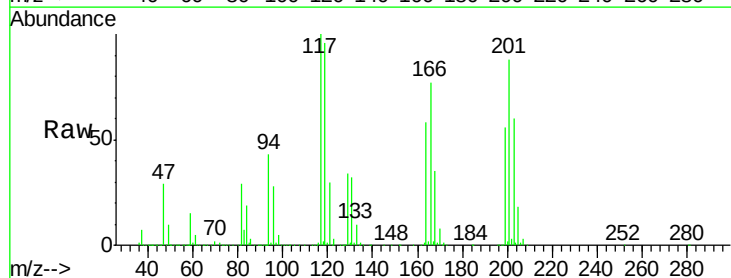
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

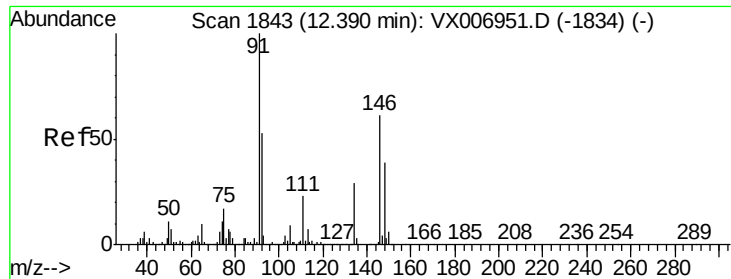
Tot Ion: 91 Resp: 950439
Ion Ratio Lower Upper
91 100
92 52.1 26.8 80.4
134 27.8 14.4 43.2



#90
Hexachloroethane
Concen: 46.228 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Tgt Ion: 117 Resp: 171432
Ion Ratio Lower Upper
117 100
201 88.6 42.9 128.7

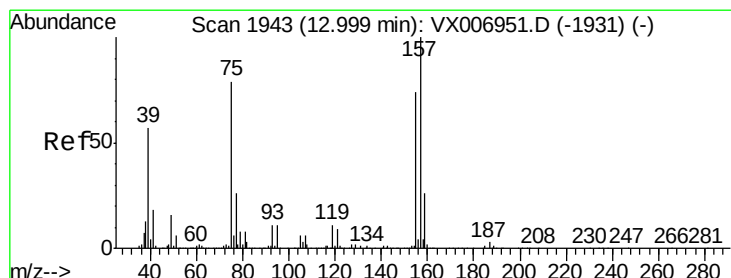
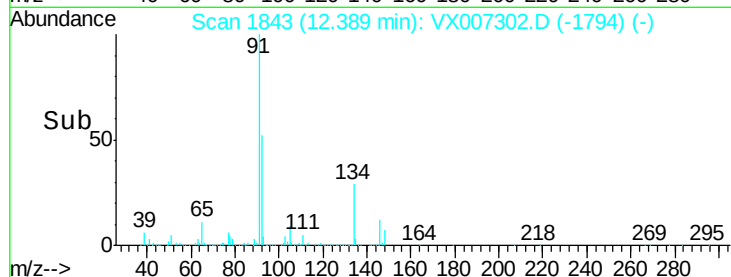
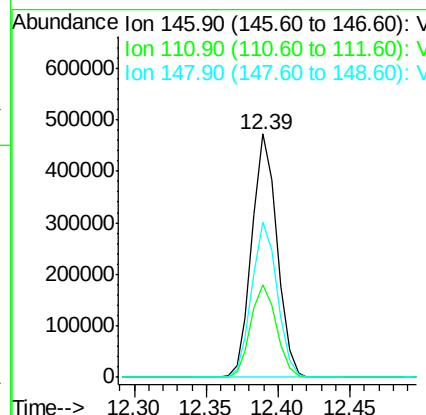
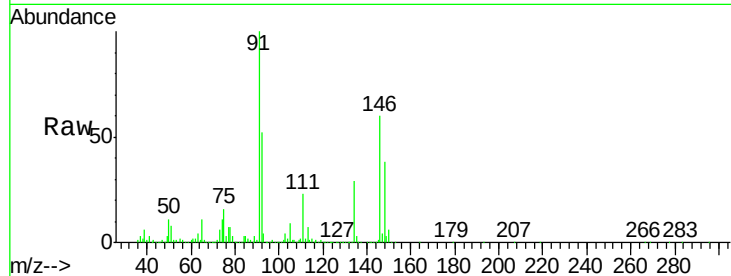




#91
 1,2-Dichlorobenzene
 Concen: 44.285 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX007302.D
 Acq: 30 Jan 2019 08:54

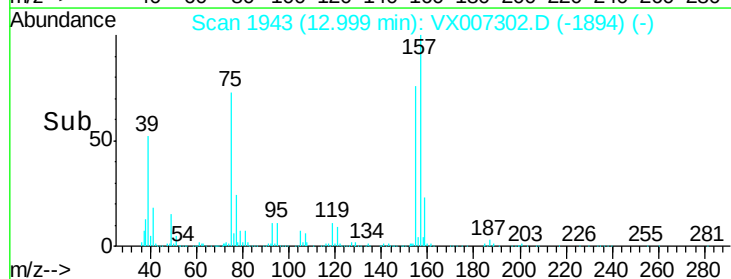
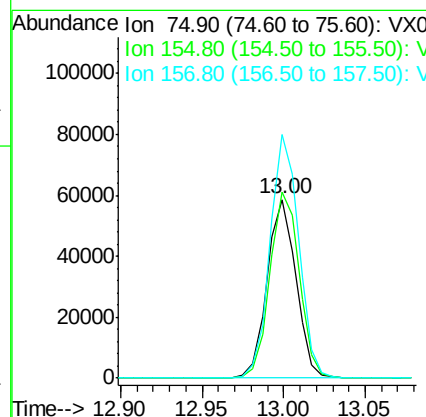
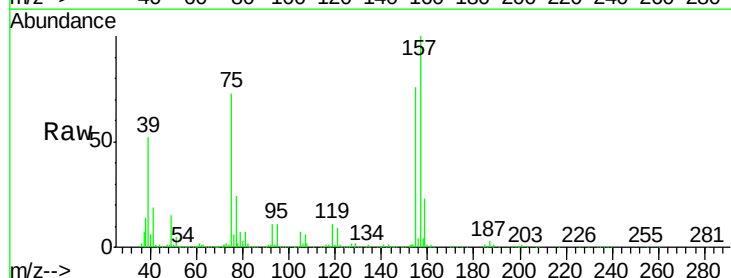
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

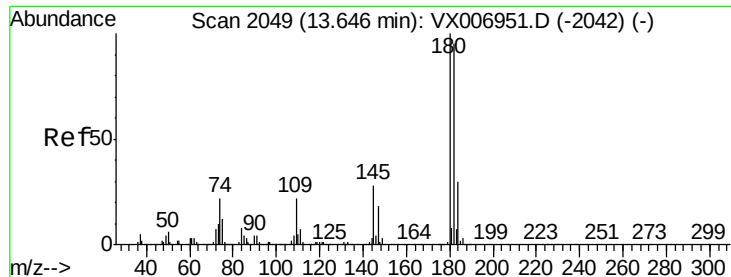
Tot Ion:146 Resp: 570597
 Ion Ratio Lower Upper
 146 100
 111 38.7 19.4 58.2
 148 64.6 32.3 96.9



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 43.773 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX007302.D
 Acq: 30 Jan 2019 08:54

Tgt Ion: 75 Resp: 72050
 Ion Ratio Lower Upper
 75 100
 155 106.2 50.6 151.8
 157 135.7 64.6 193.8

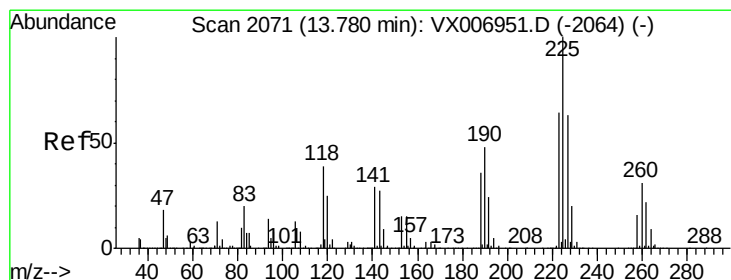
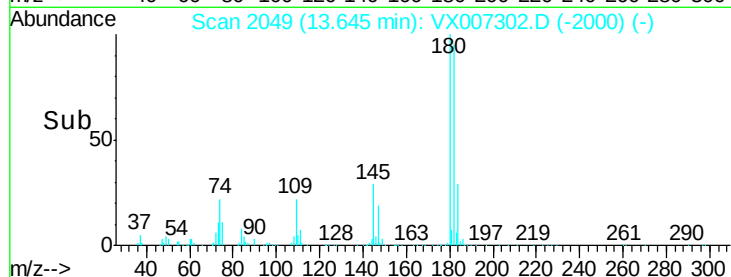
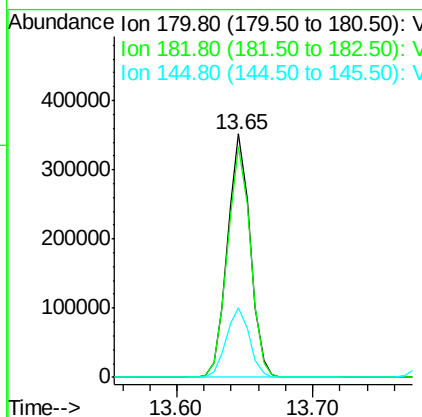
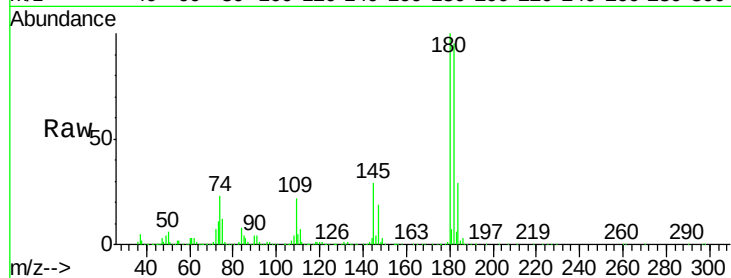




#93
1,2,4-Trichlorobenzene
Concen: 46.095 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

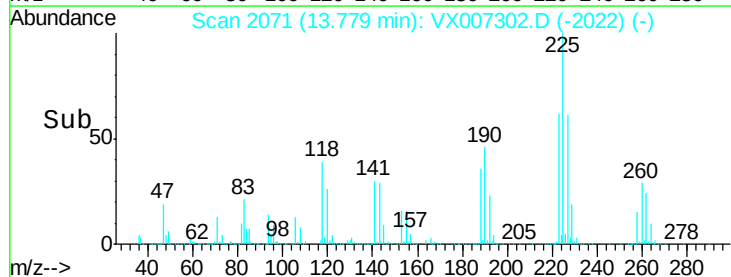
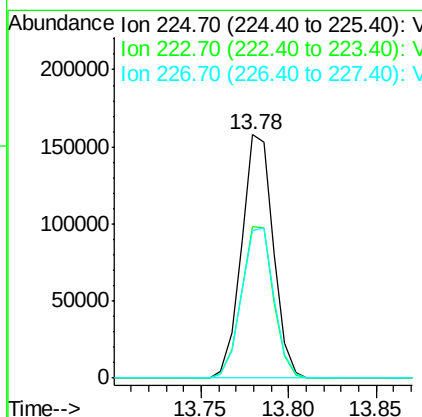
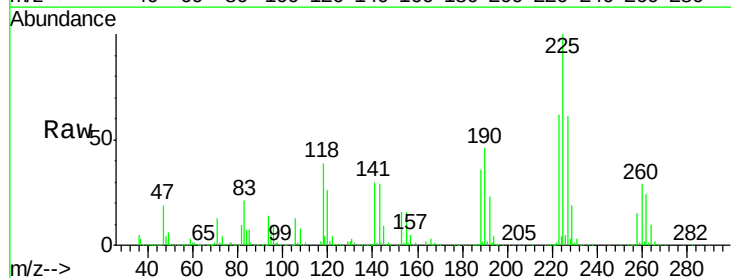
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

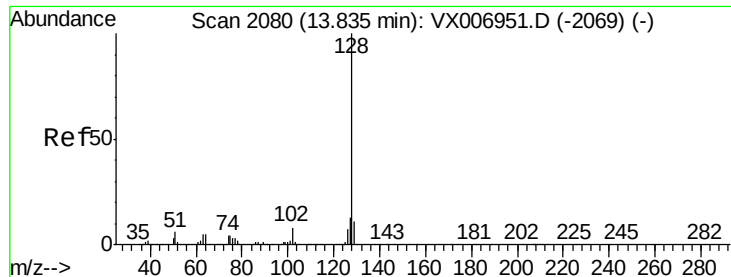
Tot Ion:180 Resp: 407473
Ion Ratio Lower Upper
180 100
182 96.2 47.3 142.0
145 29.2 14.8 44.3



#94
Hexachlorobutadiene
Concen: 50.452 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX007302.D
Acq: 30 Jan 2019 08:54

Tgt Ion:225 Resp: 197911
Ion Ratio Lower Upper
225 100
223 62.7 32.1 96.3
227 62.9 32.3 96.8





#95

Naphthalene

Concen: 44.817 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Instrument :

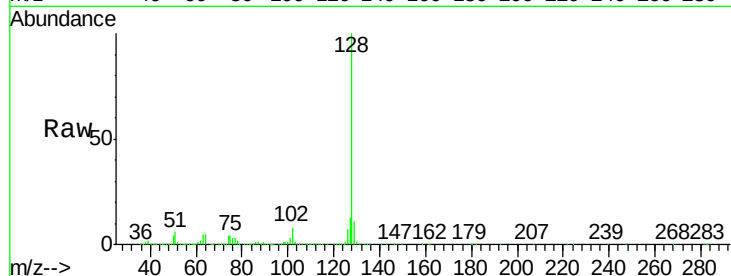
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1200480

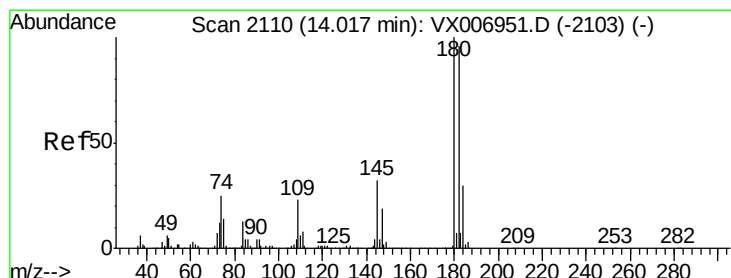
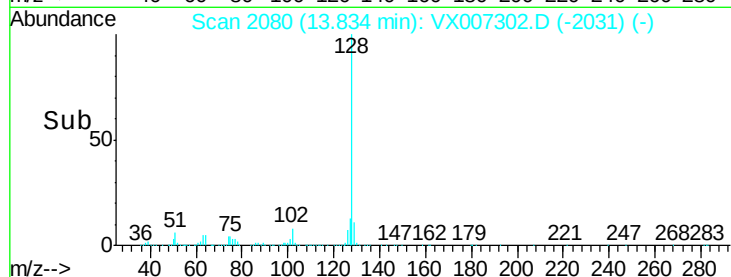
Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.1	15.1
129	11.0	8.6	13.0



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: 46.520 ug/l

RT: 14.02 min Scan# 2110

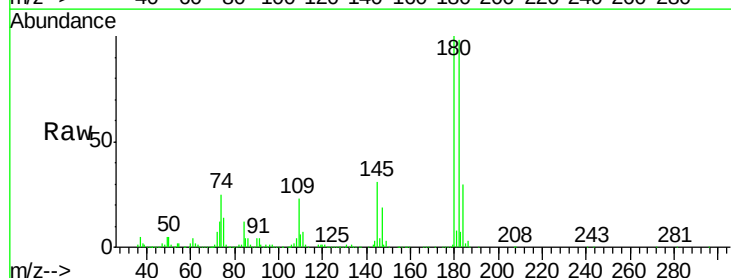
Delta R.T. -0.00 min

Lab File: VX007302.D

Acq: 30 Jan 2019 08:54

Tgt Ion:180 Resp: 408504

Ion	Ratio	Lower	Upper
180	100		
182	96.3	48.5	145.5
145	30.5	16.0	47.9



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

