

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
 Data File : VX006587.D
 Acq On : 18 Dec 2018 09:19
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 19 00:33:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 00:30:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	700163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1038537	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	970734	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	510578	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	356552	47.25	ug/l	0.00
Spiked Amount			Recovery	=	94.50%	
35) Dibromofluoromethane	5.50	113	338710	51.57	ug/l	0.00
Spiked Amount			Recovery	=	103.14%	
50) Toluene-d8	8.71	98	1212755	48.98	ug/l	0.00
Spiked Amount			Recovery	=	97.96%	
62) 4-Bromofluorobenzene	11.13	95	469929	51.82	ug/l	0.00
Spiked Amount			Recovery	=	103.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	312893	48.849	ug/l	98
3) Chloromethane	1.33	50	315414	45.707	ug/l	99
4) Vinyl Chloride	1.41	62	341830	47.429	ug/l	97
5) Bromomethane	1.64	94	332462	42.426	ug/l	97
6) Chloroethane	1.71	64	216333	43.350	ug/l	99
7) Trichlorofluoromethane	1.93	101	544733	48.479	ug/l	99
8) Diethyl Ether	2.19	74	204844	45.898	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	328013	49.717	ug/l	100
10) Methyl Iodide	2.51	142	484242	51.275	ug/l	100
11) Tert butyl alcohol	3.07	59	363978	216.130	ug/l	99
12) 1,1-Dichloroethene	2.37	96	293956	46.990	ug/l	97
13) Acrolein	2.29	56	299148	263.314	ug/l	98
14) Allyl chloride	2.73	41	508223	48.265	ug/l	100
15) Acrylonitrile	3.15	53	883243	236.214	ug/l	100
16) Acetone	2.45	43	838865	241.964	ug/l	100
17) Carbon Disulfide	2.57	76	740556	44.733	ug/l	99
18) Methyl Acetate	2.78	43	492243	48.286	ug/l	97
19) Methyl tert-butyl Ether	3.20	73	1028602	49.540	ug/l	100
20) Methylene Chloride	2.86	84	331216	46.202	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	316671	45.687	ug/l	97
22) Diisopropyl ether	3.87	45	965528	50.121	ug/l	98
23) Vinyl Acetate	3.82	43	3887678	246.724	ug/l	100
24) 1,1-Dichloroethane	3.70	63	560255	48.719	ug/l	98
25) 2-Butanone	4.70	43	1156178	237.086	ug/l	99
26) 2,2-Dichloropropane	4.59	77	464950	52.341	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	375406	49.089	ug/l	99
28) Bromochloromethane	5.02	49	247836	46.875	ug/l	99
29) Tetrahydrofuran	5.15	42	739745	230.314	ug/l	99
30) Chloroform	5.21	83	590964	49.625	ug/l	98
31) Cyclohexane	5.57	56	505648	48.401	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	523336	52.046	ug/l	100
36) 1,1-Dichloropropene	5.80	75	435213	50.597	ug/l	100
37) Ethyl Acetate	4.85	43	439234	49.062	ug/l	100
38) Carbon Tetrachloride	5.78	117	439171	52.537	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	580018	51.220	ug/l	97
40) Benzene	6.14	78	1329605	50.854	ug/l	98
41) Methacrylonitrile	5.06	41	246618	49.021	ug/l	99
42) 1,2-Dichloroethane	6.20	62	444251	49.864	ug/l	100
43) Isopropyl Acetate	6.46	43	716271	52.583	ug/l	99
44) Trichloroethene	7.21	130	400334	50.589	ug/l	98
45) 1,2-Dichloropropane	7.51	63	330889	52.006	ug/l	98
46) Dibromomethane	7.66	93	239150	51.101	ug/l	100
47) Bromodichloromethane	7.90	83	422705	54.403	ug/l	98
48) Methyl methacrylate	7.77	41	359280	51.866	ug/l	99
49) 1,4-Dioxane	7.75	88	171636	875.721	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2220374	256.184	ug/l	99
52) Toluene	8.79	92	883944	52.332	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	481802	57.818	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	518981	56.760	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	362731	52.464	ug/l	99
56) Ethyl methacrylate	9.18	69	523127	53.534	ug/l	98
57) 1,3-Dichloropropane	9.37	76	571941	51.417	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1234366	237.634	ug/l	99
59) 2-Hexanone	9.49	43	1710251	257.903	ug/l	99
60) Dibromochloromethane	9.58	129	372969	58.566	ug/l	99
61) 1,2-Dibromoethane	9.67	107	389006	52.929	ug/l	100
64) Tetrachloroethene	9.34	164	382194	49.721	ug/l	97
65) Chlorobenzene	10.14	112	1033645	50.332	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	358143	55.895	ug/l	100
67) Ethyl Benzene	10.25	91	1720374	51.265	ug/l	99
68) m/p-Xylenes	10.36	106	1368872	103.373	ug/l	99
69) o-Xylene	10.70	106	677752	51.831	ug/l	100
70) Styrene	10.71	104	1090000	52.689	ug/l	100
71) Bromoform	10.86	173	274716	56.317	ug/l #	98
73) Isopropylbenzene	11.02	105	1809920	51.816	ug/l	99
74) N-amyl acetate	10.90	43	638195	51.044	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	521621	50.213	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	588471	65.062	ug/l	90
77) Bromobenzene	11.26	156	484991	51.358	ug/l	99
78) n-propylbenzene	11.36	91	2021747	52.561	ug/l	100
79) 2-Chlorotoluene	11.42	91	1180786	50.656	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1500675	52.161	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	147434	55.655	ug/l	98
82) 4-Chlorotoluene	11.51	91	1369006	51.201	ug/l	100
83) tert-Butylbenzene	11.77	119	1521449	52.838	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1522904	50.325	ug/l	100
85) sec-Butylbenzene	11.94	105	1848055	52.347	ug/l	99
86) p-Isopropyltoluene	12.06	119	1662234	53.563	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	879122	51.654	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	878717	50.305	ug/l	100
89) n-Butylbenzene	12.39	91	1444111	54.678	ug/l	100
90) Hexachloroethane	12.60	117	242223	57.298	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	850071	49.930	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	107932	50.214	ug/l	98

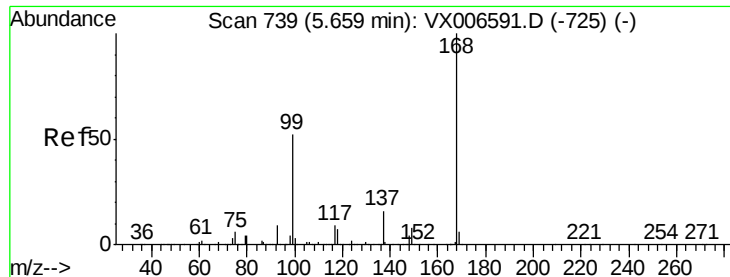
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121818\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	627567	53.438	ug/l	99
94) Hexachlorobutadiene	13.78	225	294251	53.158	ug/l	98
95) Naphthalene	13.83	128	1857895	49.567	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	619754	51.112	ug/l	98

(#) = 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. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

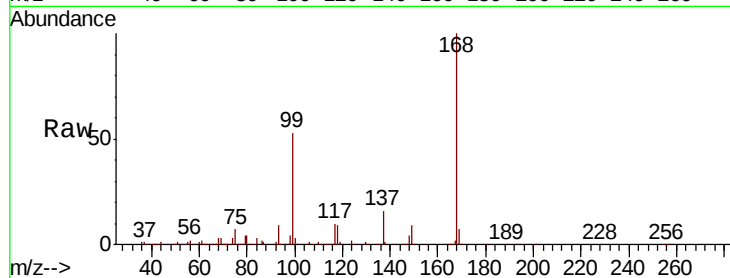
VSTDCCC050

Tot Ion:168 Resp: 700163

Ion Ratio Lower Upper

168 100

99 52.5 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

250000

200000

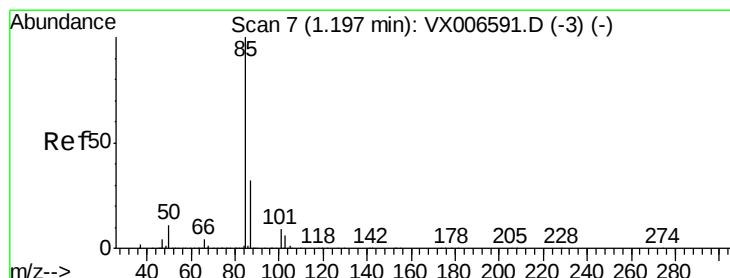
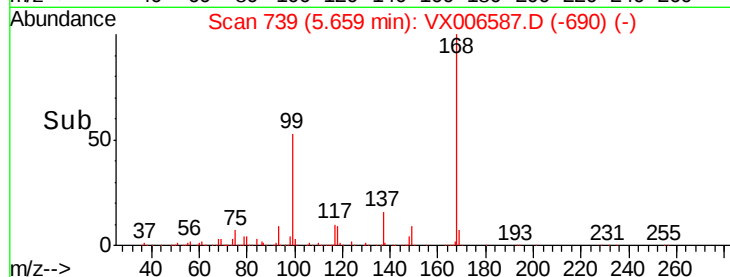
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 48.849 ug/l

RT: 1.20 min Scan# 8

Delta R.T. 0.01 min

Lab File: VX006587.D

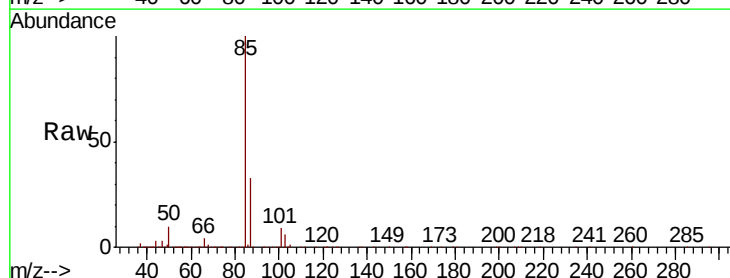
Acq: 18 Dec 2018 09:19

Tgt Ion: 85 Resp: 312893

Ion Ratio Lower Upper

85 100

87 32.9 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

300000

250000

200000

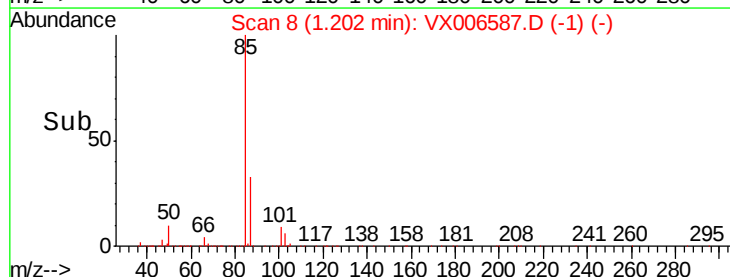
150000

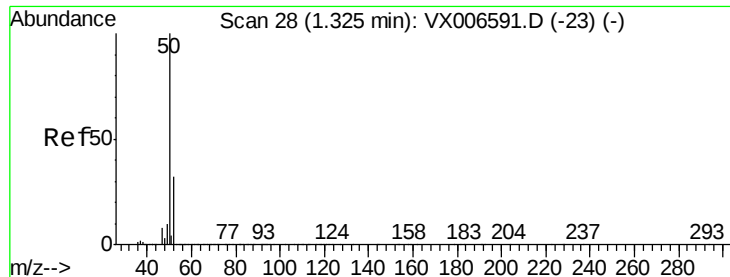
100000

50000

0

Time--> 1.15 1.20 1.25 1.30

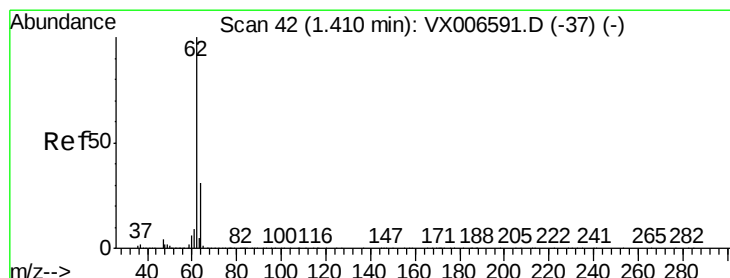
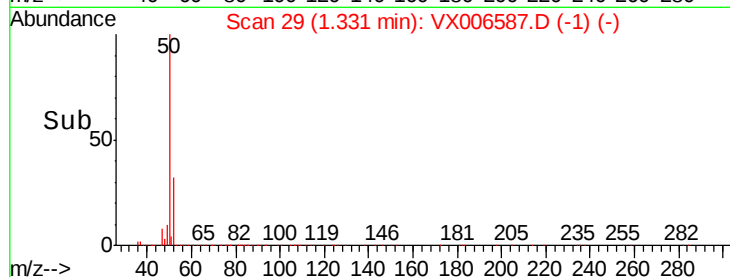
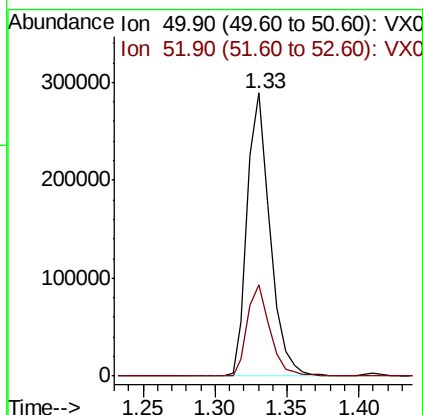
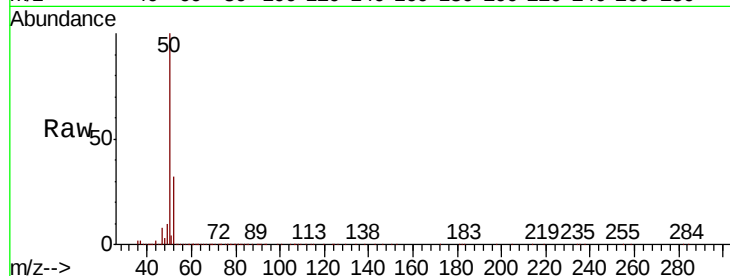




#3
Chloromethane
Concen: 45.707 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.01 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

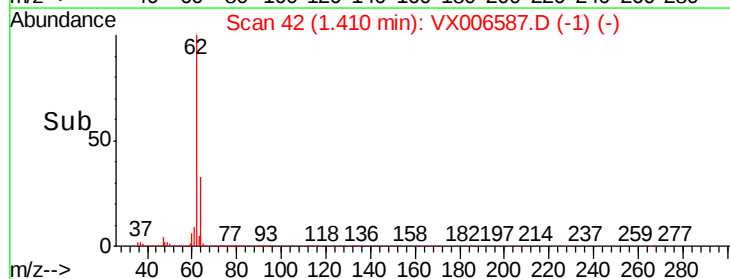
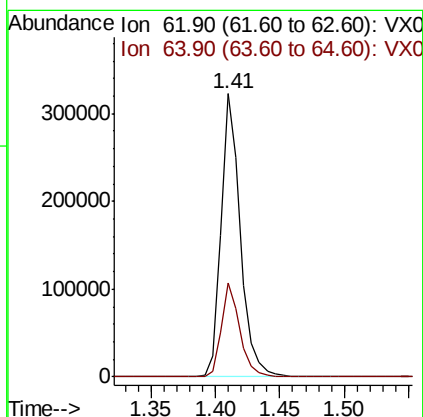
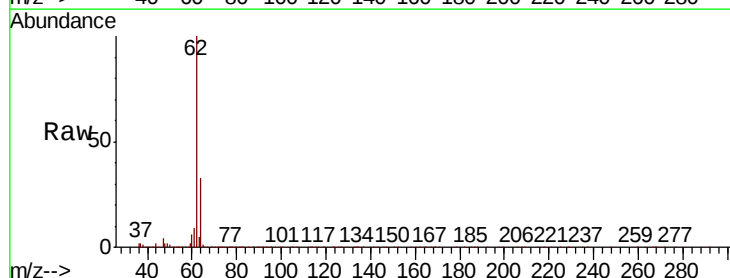
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

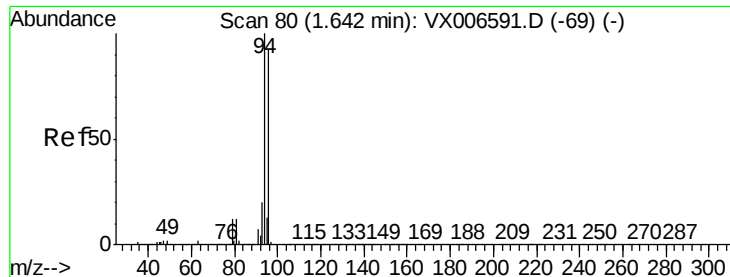
Tot Ion: 50 Resp: 315414
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.2



#4
Vinyl Chloride
Concen: 47.429 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

Tgt Ion: 62 Resp: 341830
Ion Ratio Lower Upper
62 100
64 33.2 25.1 37.7





#5

Bromomethane

Concen: 42.426 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

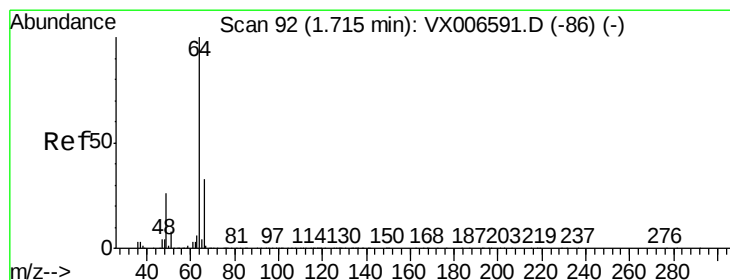
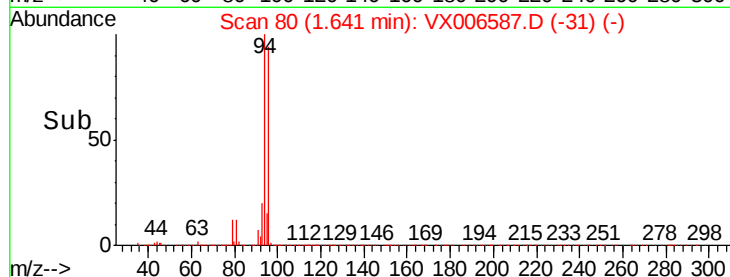
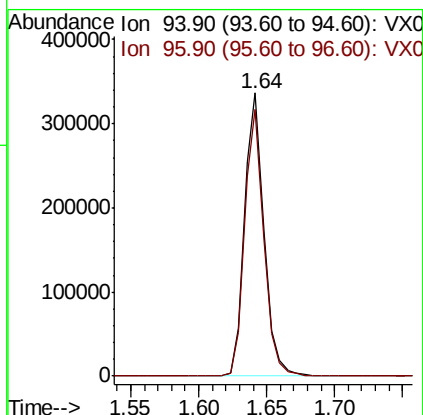
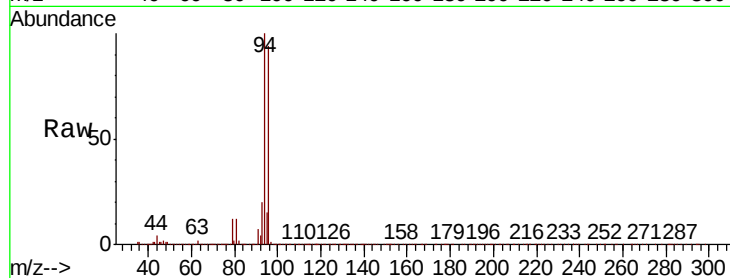
VSTDCCC050

Tot Ion: 94 Resp: 332462

Ion Ratio Lower Upper

94 100

96 94.2 73.4 110.2



#6

Chloroethane

Concen: 43.350 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX006587.D

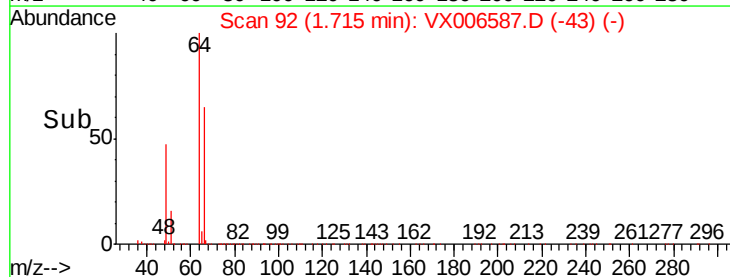
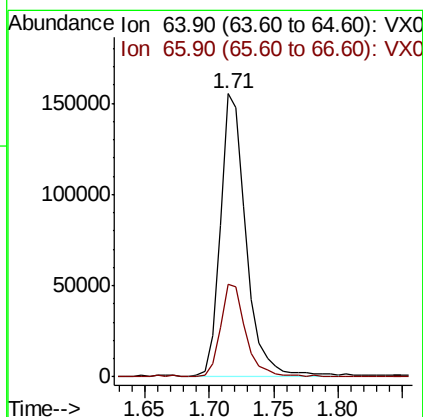
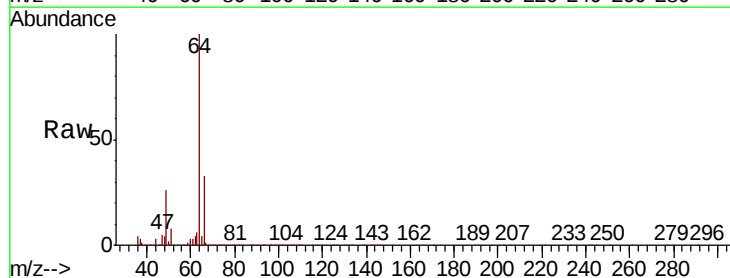
Acq: 18 Dec 2018 09:19

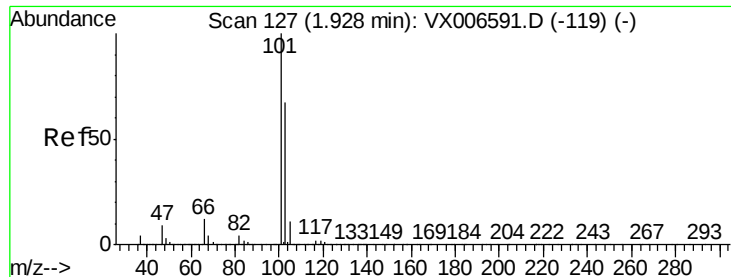
Tgt Ion: 64 Resp: 216333

Ion Ratio Lower Upper

64 100

66 32.6 26.4 39.6



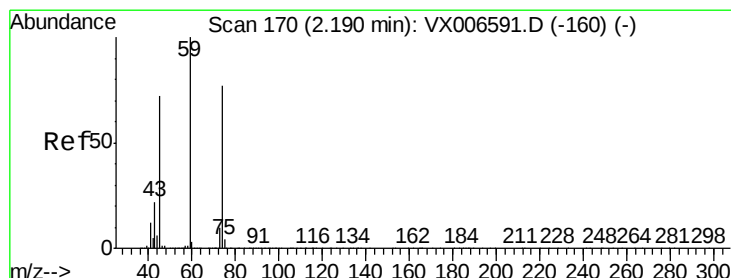
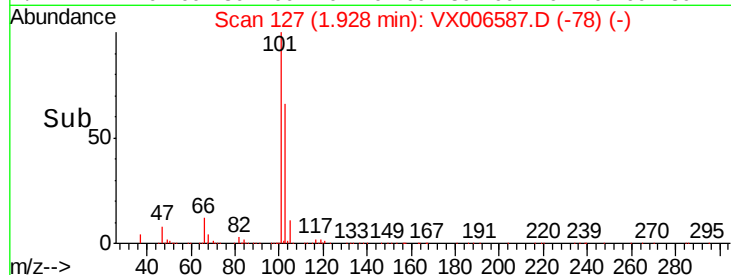
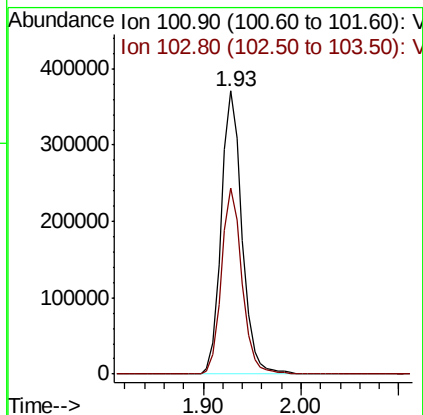
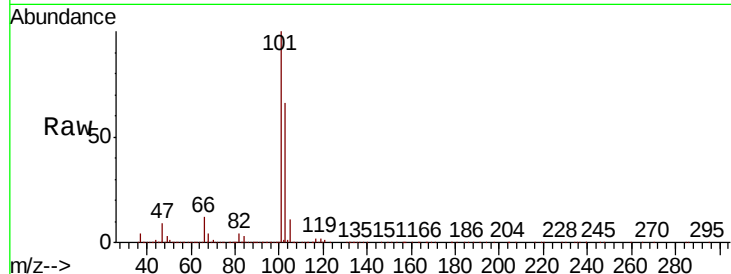


#7

Trichlorofluoromethane
Concen: 48.479 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

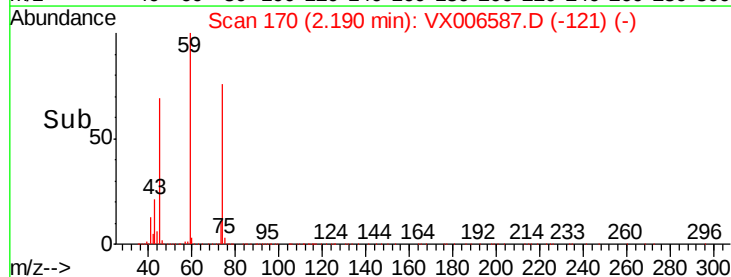
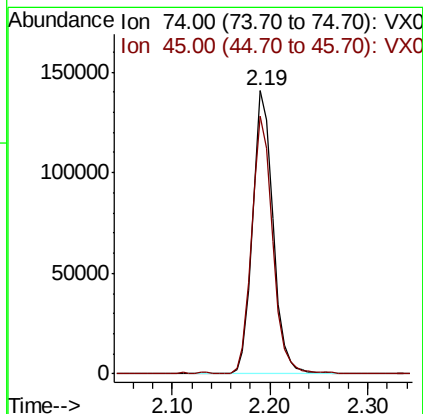
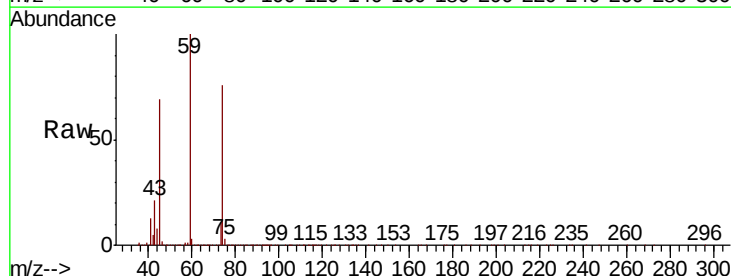
Tot Ion:101 Resp: 544733
Ion Ratio Lower Upper
101 100
103 65.6 53.2 79.8

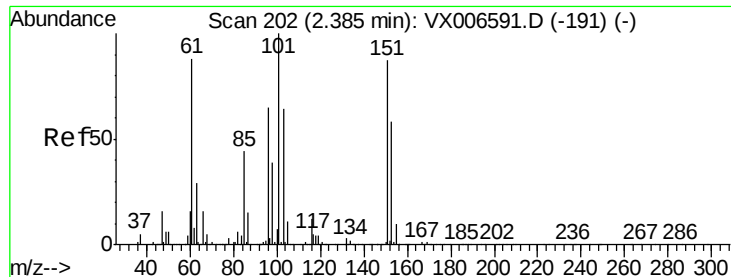


#8

Diethyl Ether
Concen: 45.898 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

Tgt Ion: 74 Resp: 204844
Ion Ratio Lower Upper
74 100
45 92.6 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.717 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

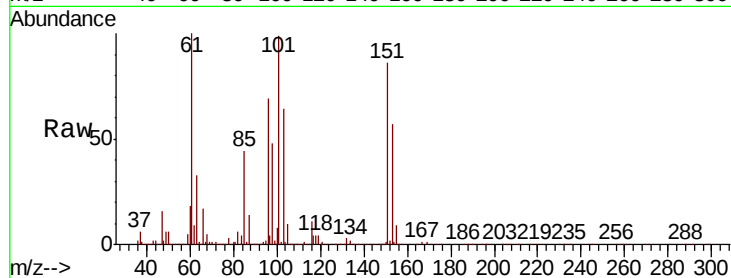
Tot Ion:101 Resp: 328013

Ion Ratio Lower Upper

101 100

85 44.3 35.1 52.7

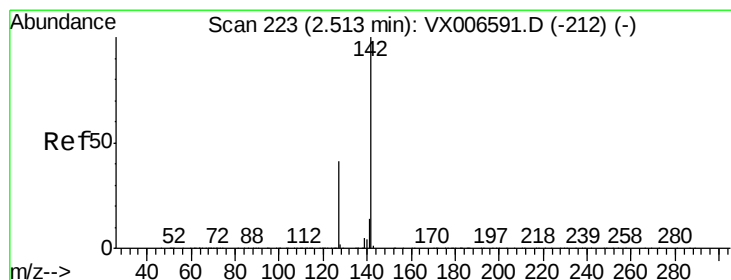
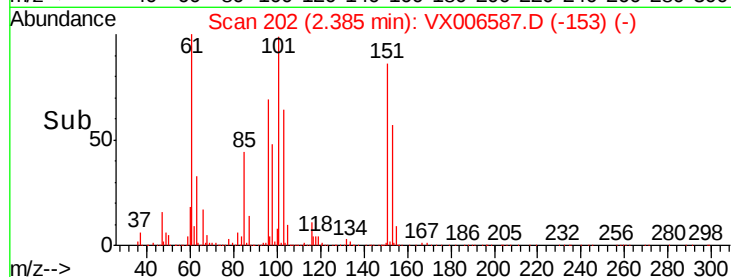
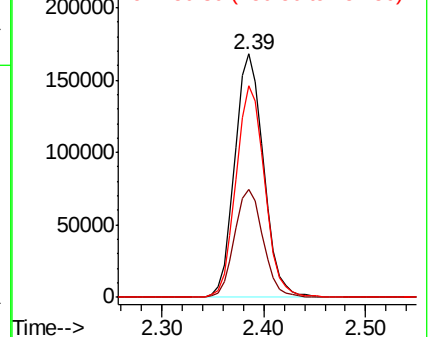
151 86.5 68.9 103.3



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: 51.275 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

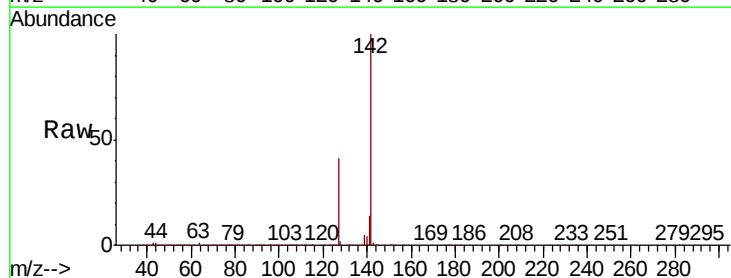
Tgt Ion:142 Resp: 484242

Ion Ratio Lower Upper

142 100

127 42.0 33.9 50.9

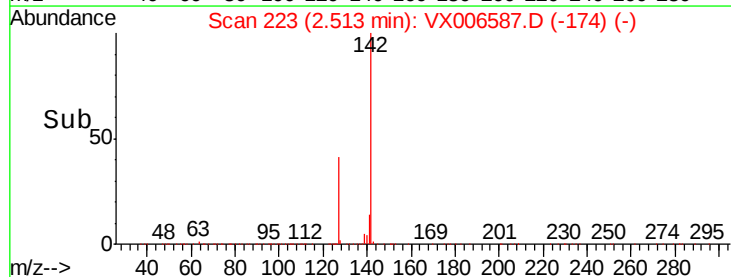
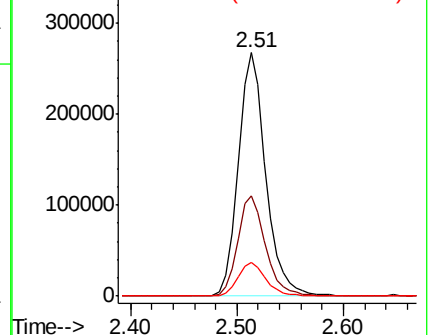
141 14.3 11.4 17.0

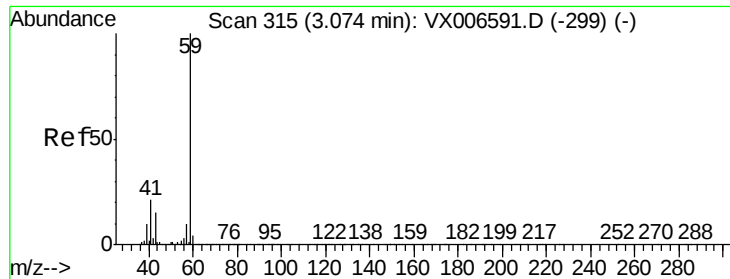


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



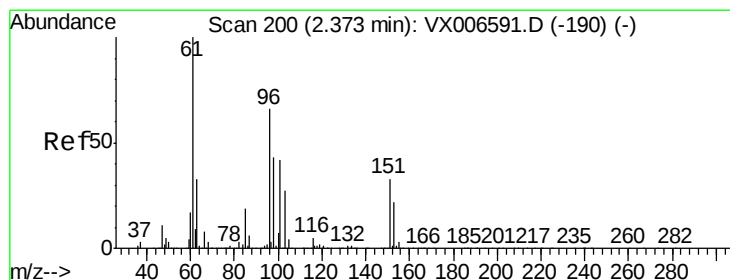
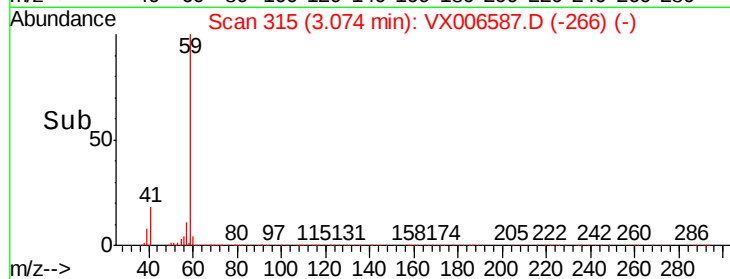
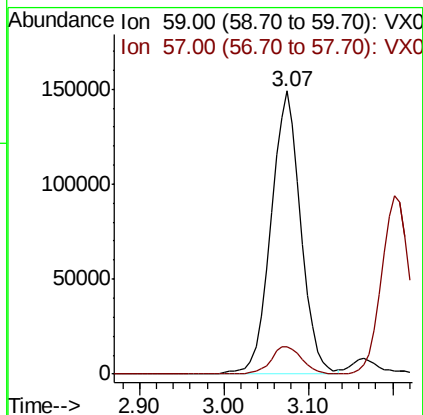
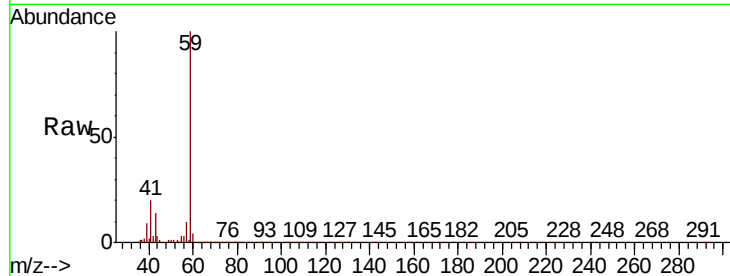


#11

Tert butyl alcohol
 Concen: 216.130 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX006587.D
 Acq: 18 Dec 2018 09:19

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

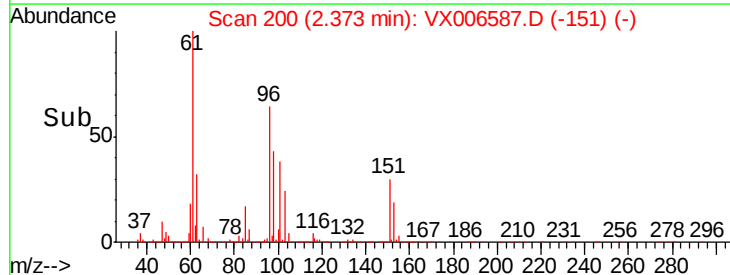
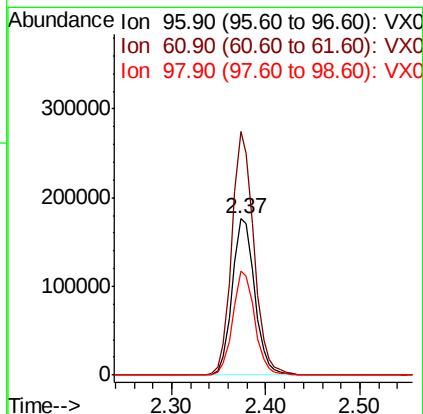
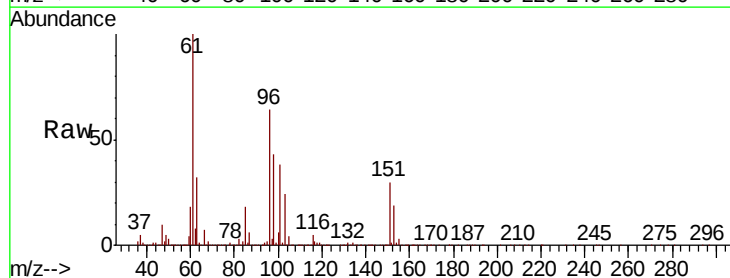
Tot Ion: 59 Resp: 363978
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.5 12.7

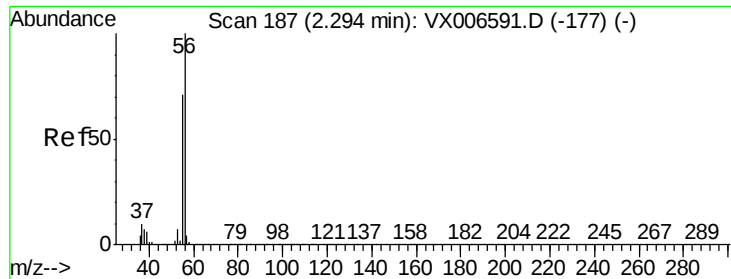


#12

1,1-Dichloroethene
 Concen: 46.990 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX006587.D
 Acq: 18 Dec 2018 09:19

Tgt Ion: 96 Resp: 293956
 Ion Ratio Lower Upper
 96 100
 61 155.7 121.4 182.2
 98 66.8 51.9 77.9





#13

Acrolein

Concen: 263.314 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

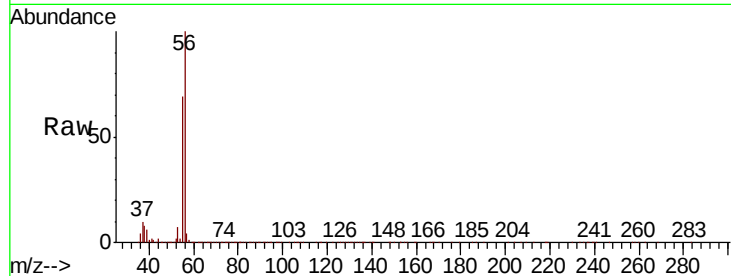
VSTDCCC050

Tot Ion: 56 Resp: 299148

Ion Ratio Lower Upper

56 100

55 70.8 58.2 87.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

200000

150000

100000

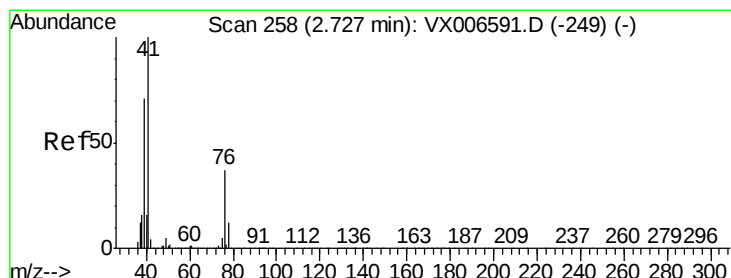
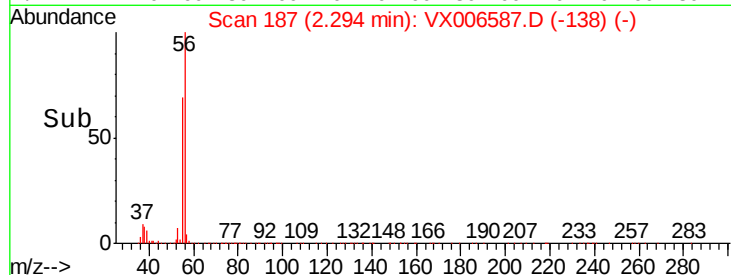
50000

0

2.29

2.20 2.30 2.40

Time-->



#14

Allyl chloride

Concen: 48.265 ug/l

RT: 2.73 min Scan# 259

Delta R.T. 0.01 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

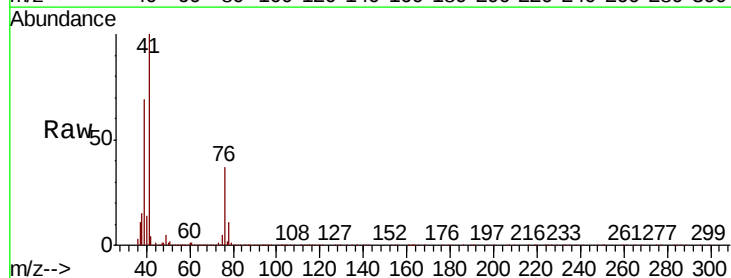
Tgt Ion: 41 Resp: 508223

Ion Ratio Lower Upper

41 100

39 66.7 53.6 80.4

76 34.0 27.4 41.2



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

400000

300000

200000

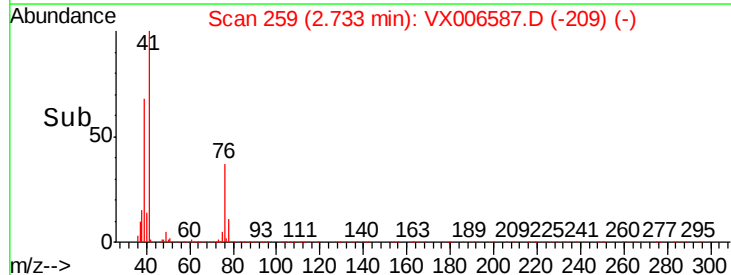
100000

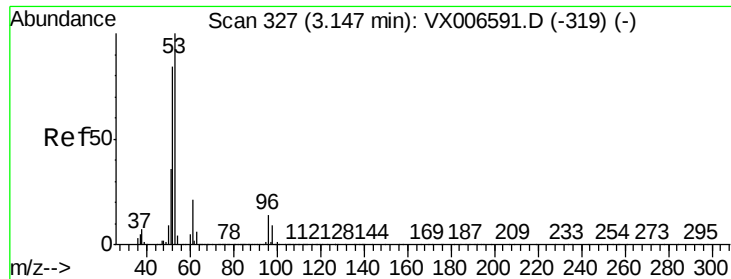
0

2.73

2.60 2.70 2.80

Time-->

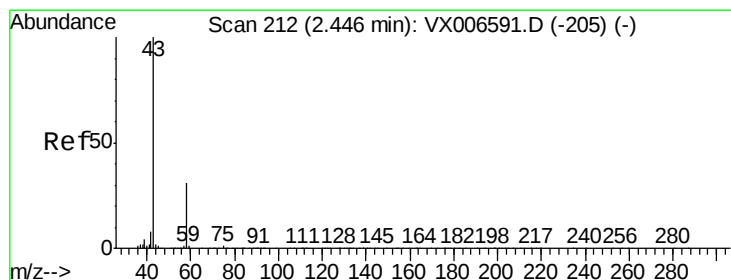
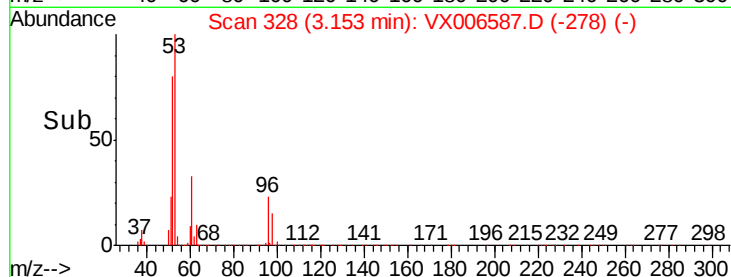
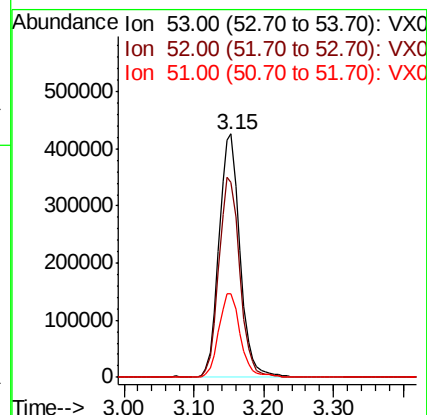
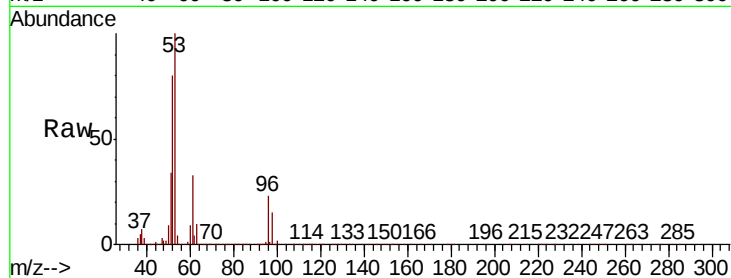




#15
 Acrylonitrile
 Concen: 236.214 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. 0.01 min
 Lab File: VX006587.D
 Acq: 18 Dec 2018 09:19

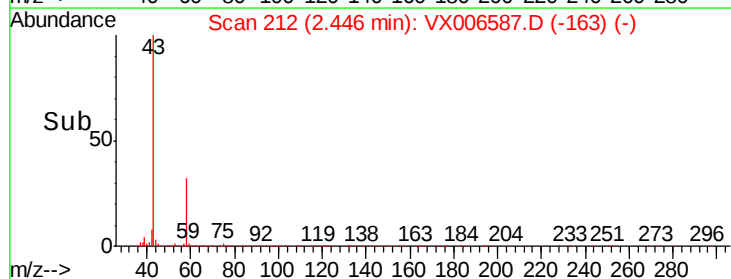
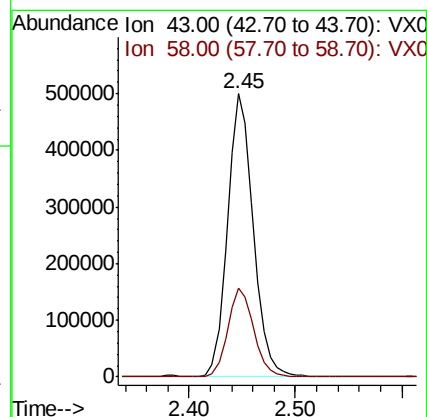
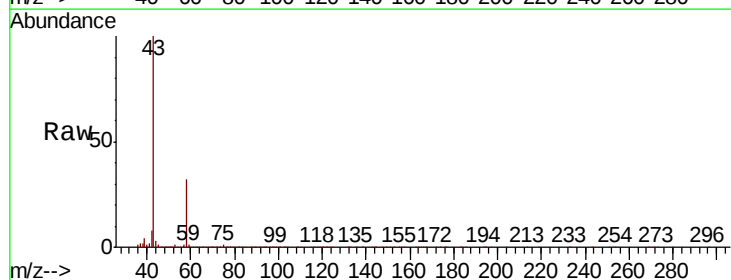
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

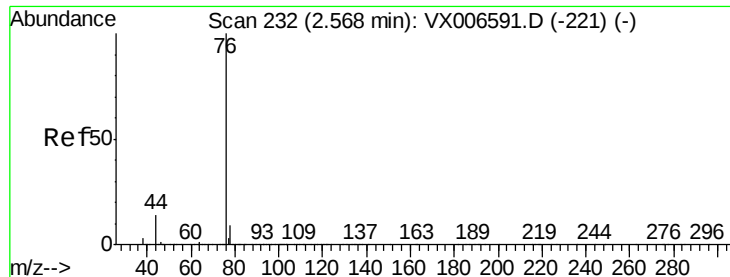
Tot Ion: 53 Resp: 883243
 Ion Ratio Lower Upper
 53 100
 52 82.3 66.0 99.0
 51 35.5 28.6 42.8



#16
 Acetone
 Concen: 241.964 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX006587.D
 Acq: 18 Dec 2018 09:19

Tgt Ion: 43 Resp: 838865
 Ion Ratio Lower Upper
 43 100
 58 31.5 25.0 37.6





#17

Carbon Disulfide

Concen: 44.733 ug/l

RT: 2.57 min Scan# 233

Delta R.T. 0.01 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

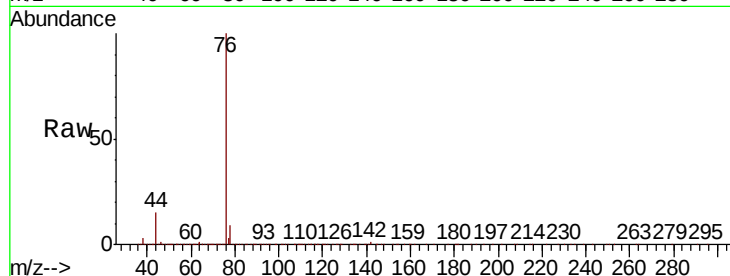
VSTDCCC050

Tot Ion: 76 Resp: 740556

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

2.57

400000

300000

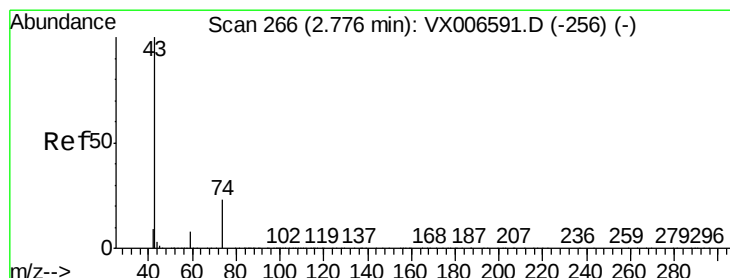
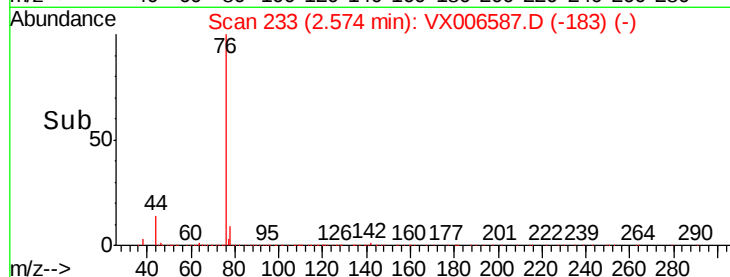
200000

100000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 48.286 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.00 min

Lab File: VX006587.D

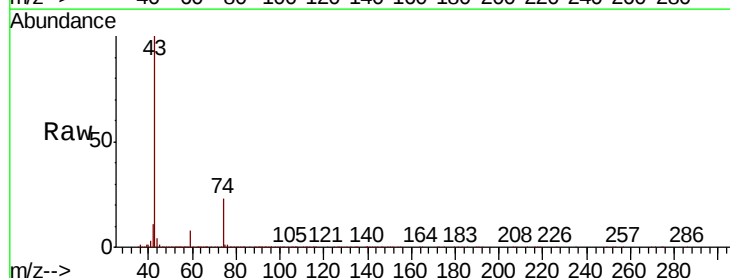
Acq: 18 Dec 2018 09:19

Tgt Ion: 43 Resp: 492243

Ion Ratio Lower Upper

43 100

74 24.6 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

300000

250000

200000

150000

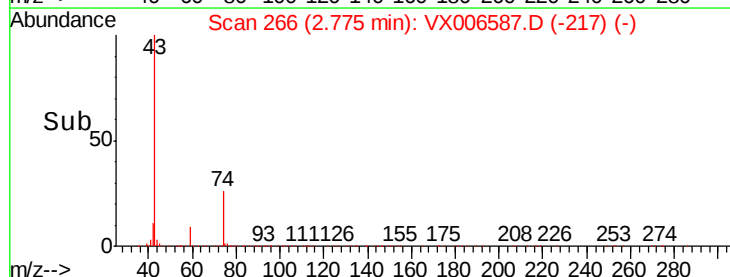
100000

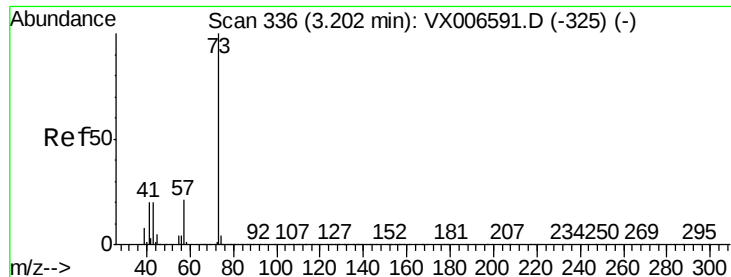
50000

0

Time-->

2.70 2.80 2.90

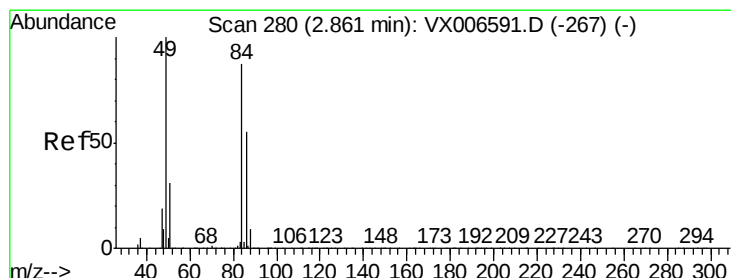
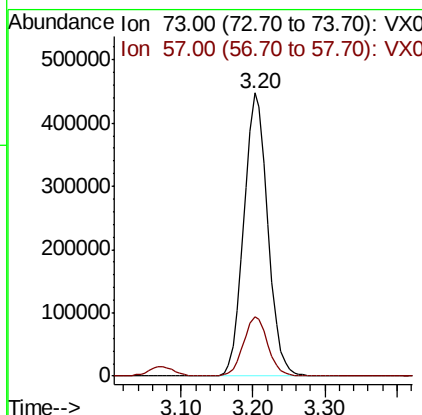
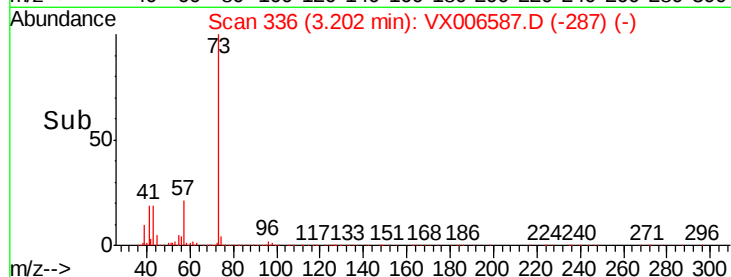
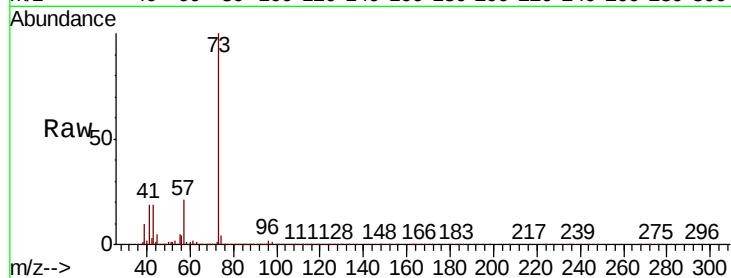




#19
Methyl tert-butyl Ether
Concen: 49.540 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

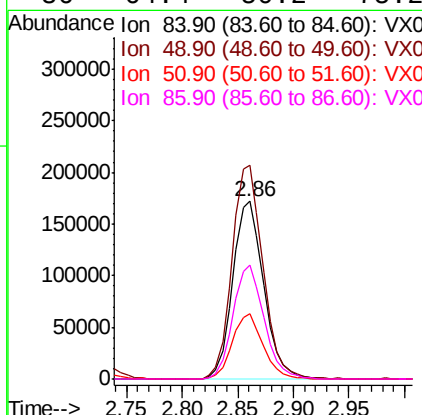
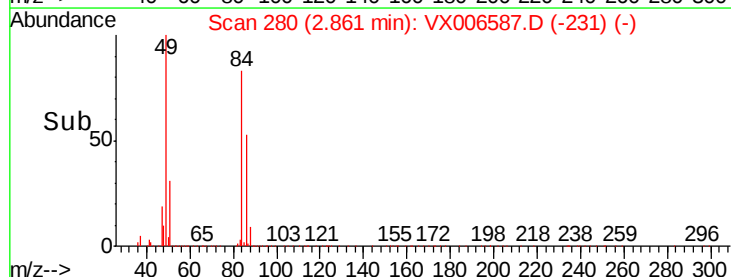
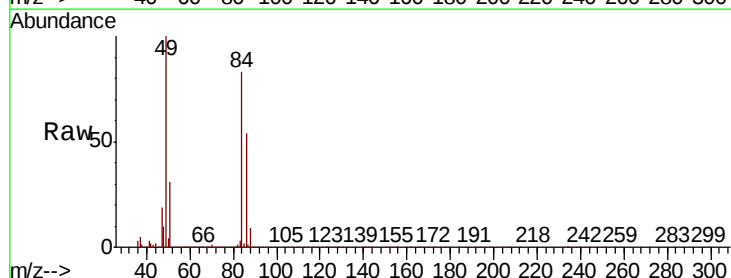
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

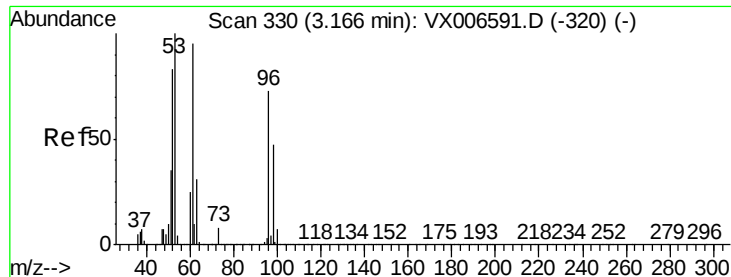
Tot Ion: 73 Resp: 1028602
Ion Ratio Lower Upper
73 100
57 20.9 16.8 25.2



#20
Methylene Chloride
Concen: 46.202 ug/l
RT: 2.86 min Scan# 280
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

Tgt Ion: 84 Resp: 331216
Ion Ratio Lower Upper
84 100
49 120.2 91.8 137.6
51 37.1 28.5 42.7
86 64.4 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 45.687 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

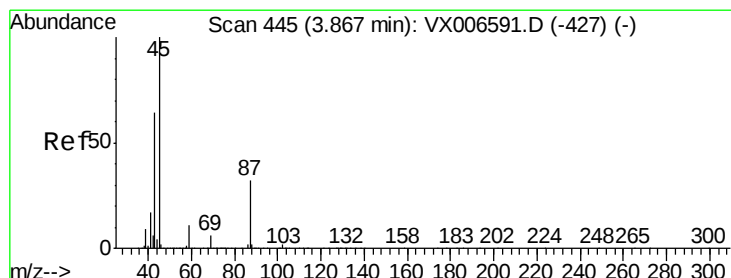
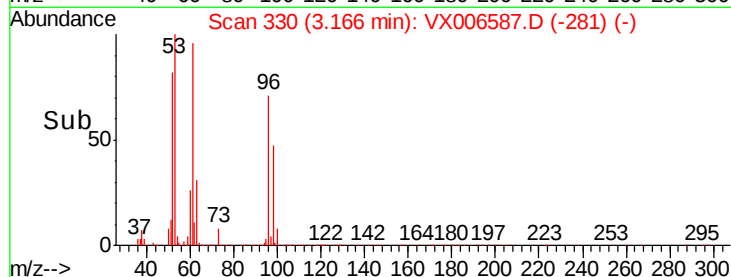
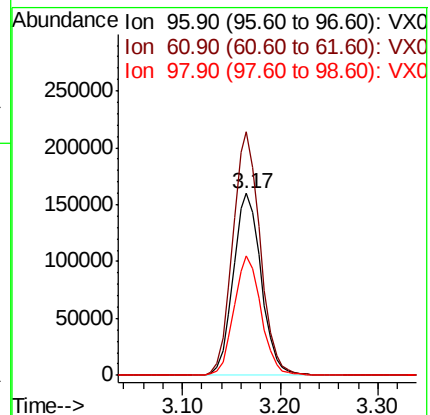
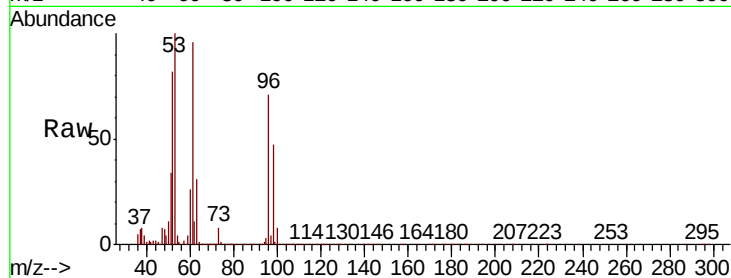
Tot Ion: 96 Resp: 316671

Ion Ratio Lower Upper

96 100

61 133.9 103.7 155.5

98 65.5 51.0 76.6



#22

Diisopropyl ether

Concen: 50.121 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Tgt Ion: 45 Resp: 965528

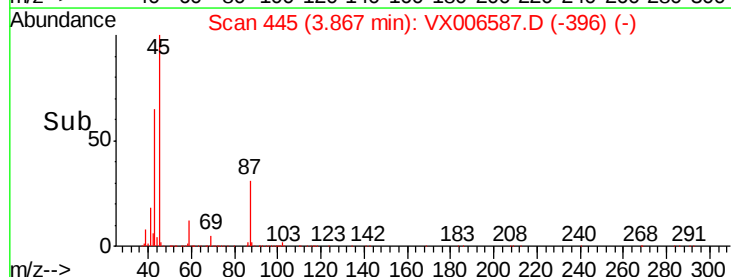
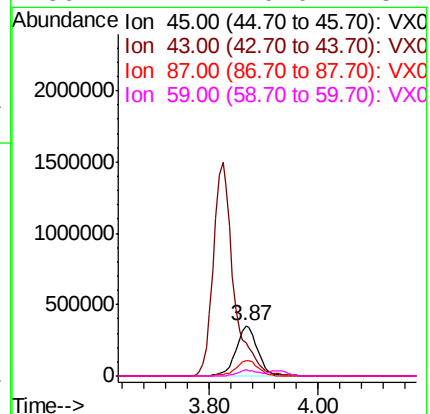
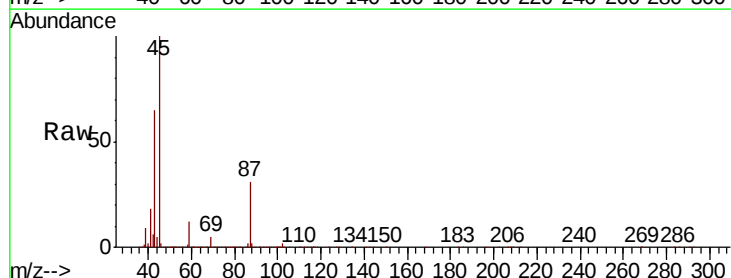
Ion Ratio Lower Upper

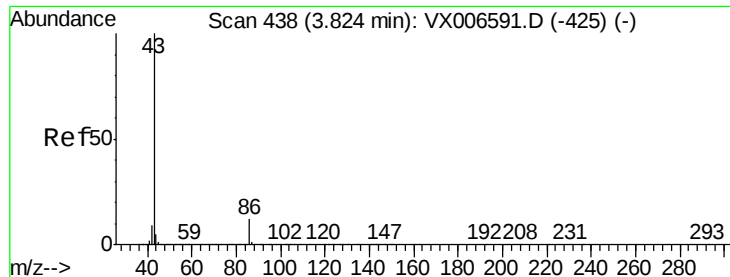
45 100

43 64.7 51.2 76.8

87 30.6 25.8 38.6

59 12.2 9.0 13.4





#23

Vinyl Acetate

Concen: 246.724 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

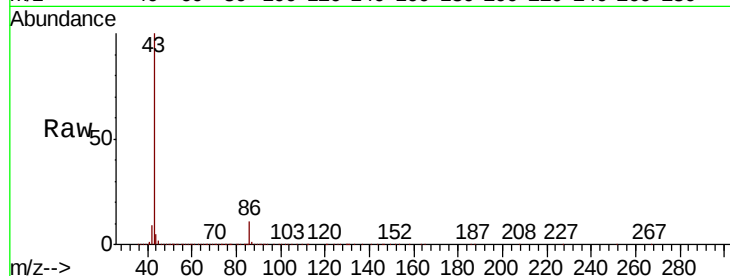
VSTDCCC050

Tot Ion: 43 Resp: 3887678

Ion Ratio Lower Upper

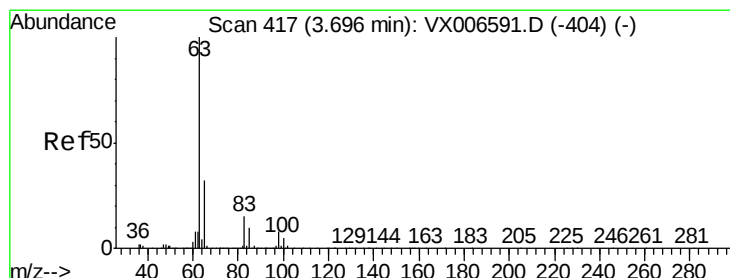
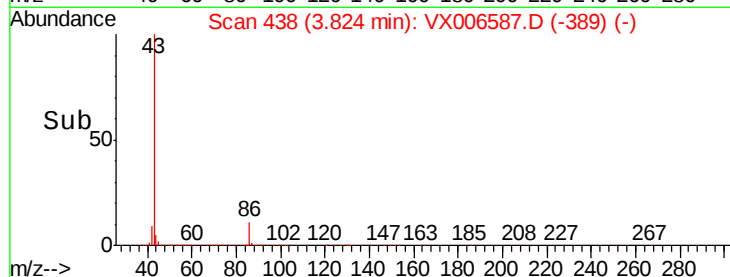
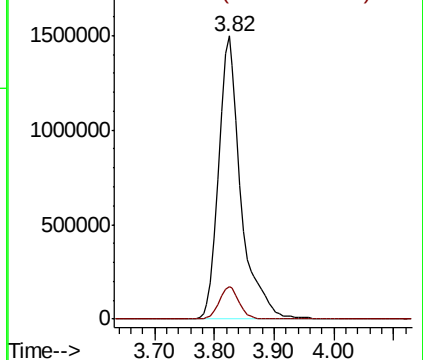
43 100

86 11.4 9.2 13.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.719 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

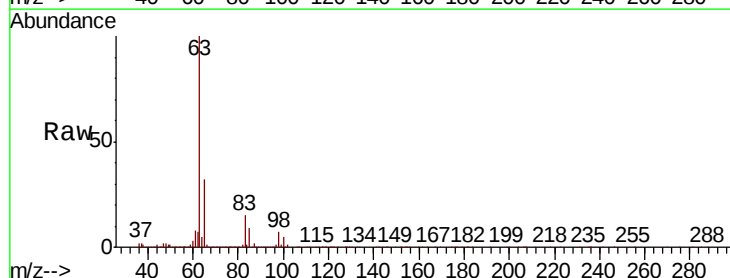
Tgt Ion: 63 Resp: 560255

Ion Ratio Lower Upper

63 100

98 6.8 3.9 11.5

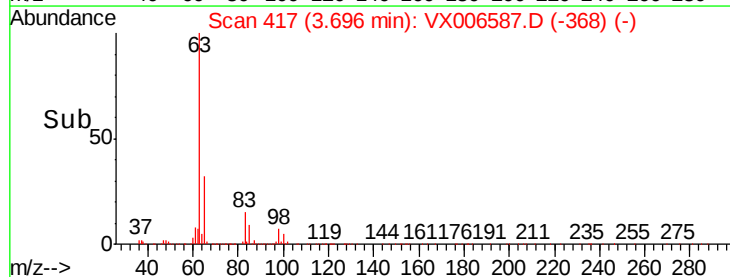
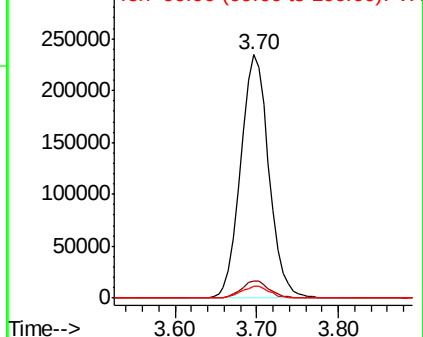
100 4.8 2.4 7.2

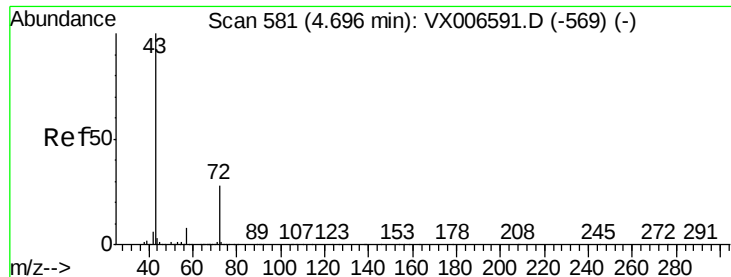


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 237.086 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

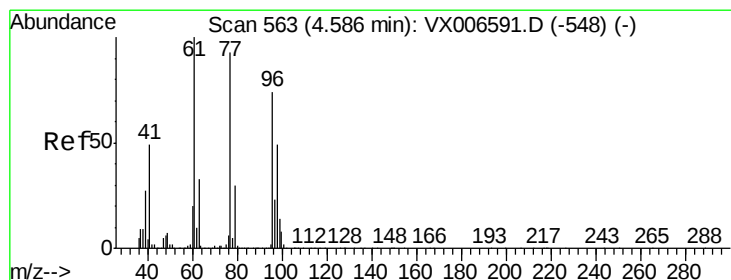
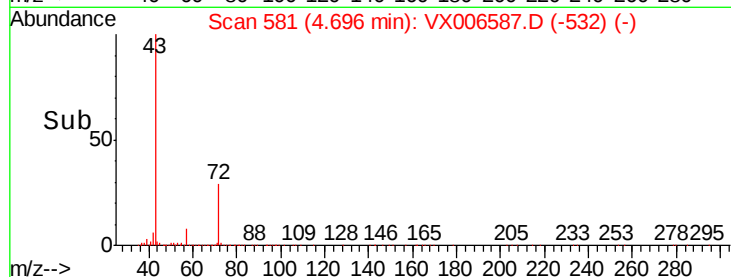
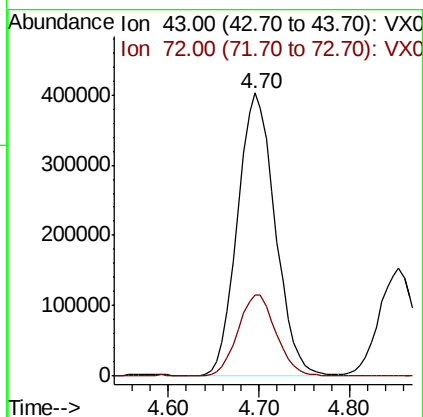
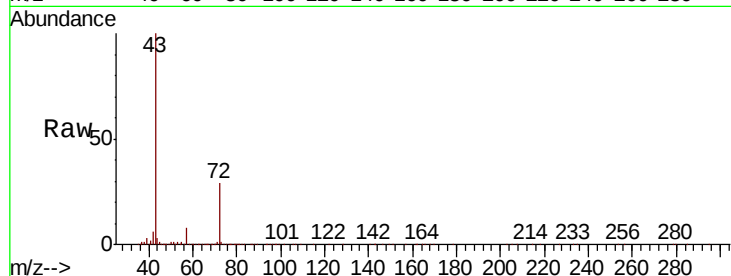
VSTDCCC050

Tot Ion: 43 Resp: 1156178

Ion Ratio Lower Upper

43 100

72 28.7 22.4 33.6



#26

2,2-Dichloropropane

Concen: 52.341 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006587.D

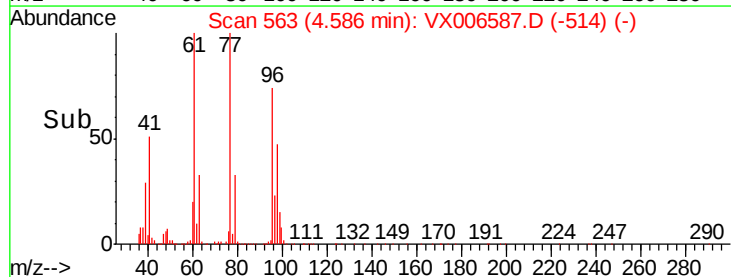
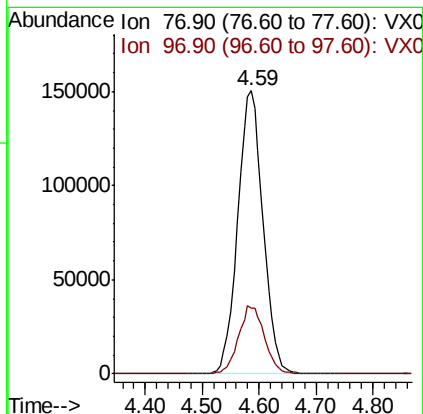
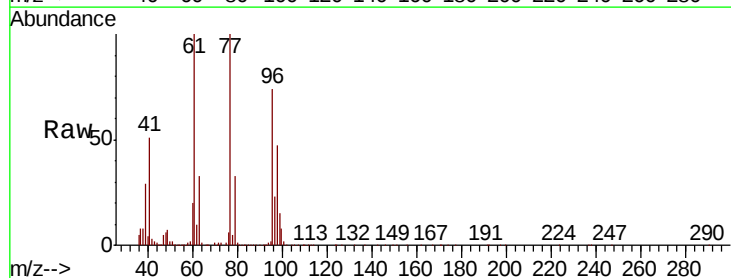
Acq: 18 Dec 2018 09:19

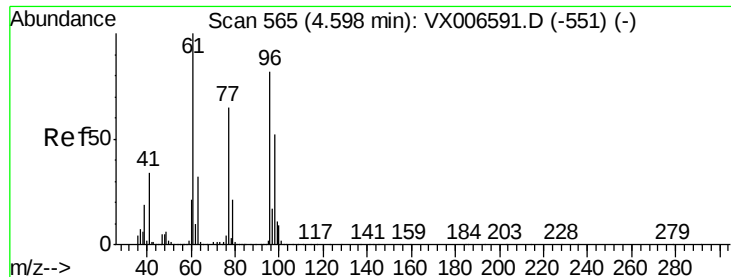
Tgt Ion: 77 Resp: 464950

Ion Ratio Lower Upper

77 100

97 24.7 12.4 37.4



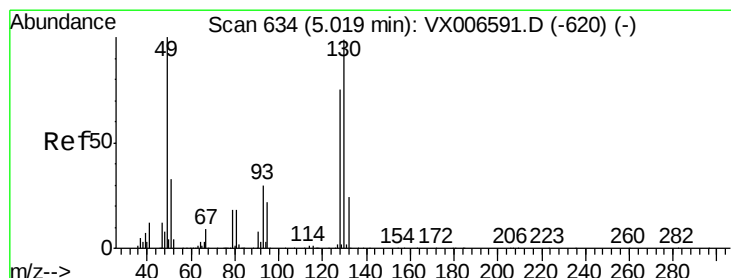
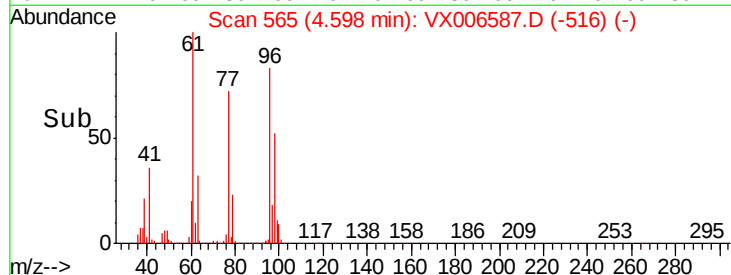
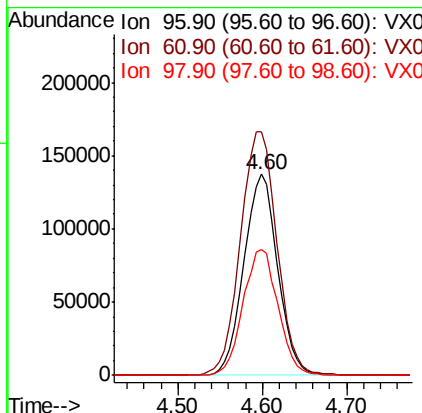
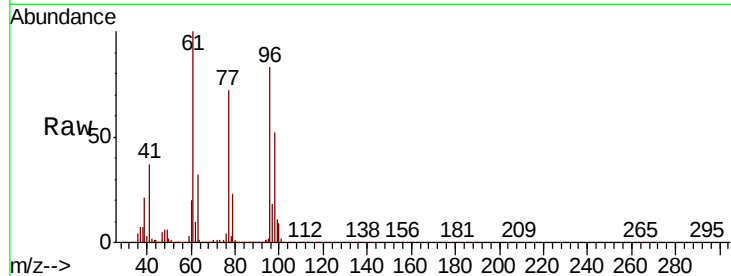


#27

cis-1,2-Dichloroethene
Concen: 49.089 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

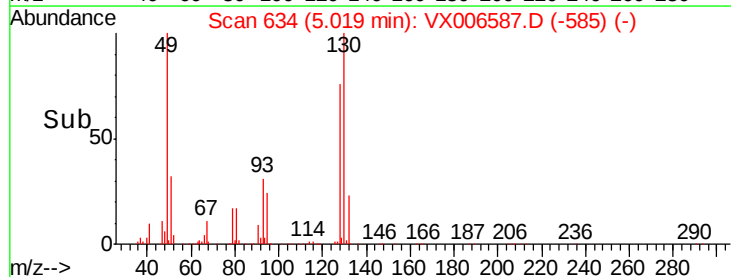
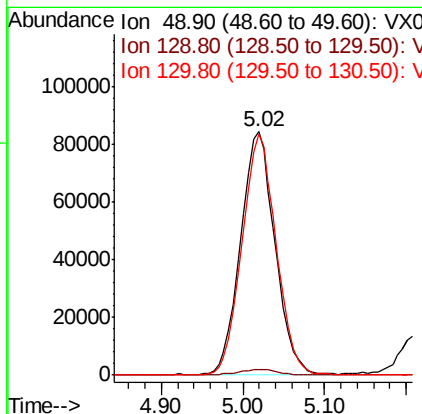
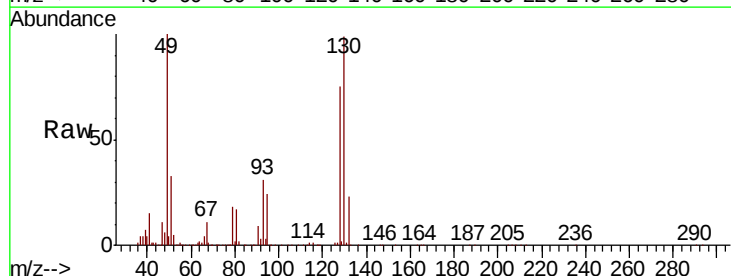
Tot Ion	Ratio	Lower	Upper
96	100		
61	130.7	0.0	258.6
98	64.9	0.0	132.0

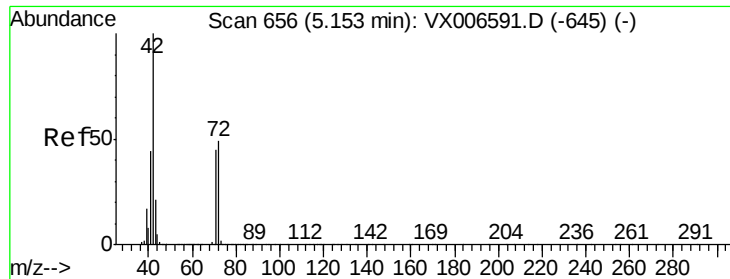


#28

Bromochloromethane
Concen: 46.875 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.7	0.0	5.4
130	98.1	77.7	116.5

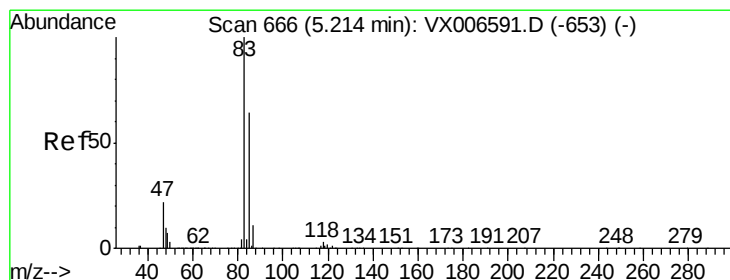
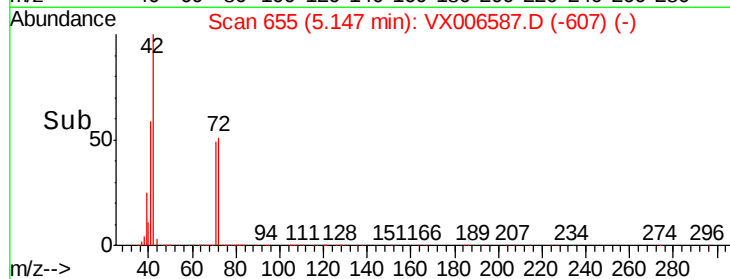
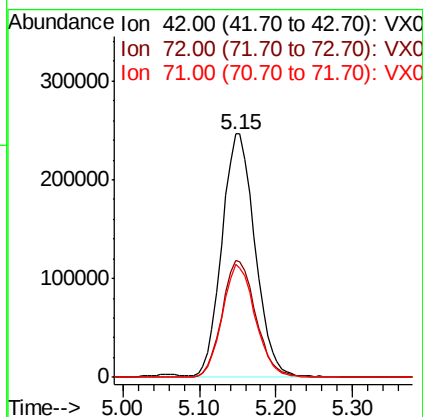
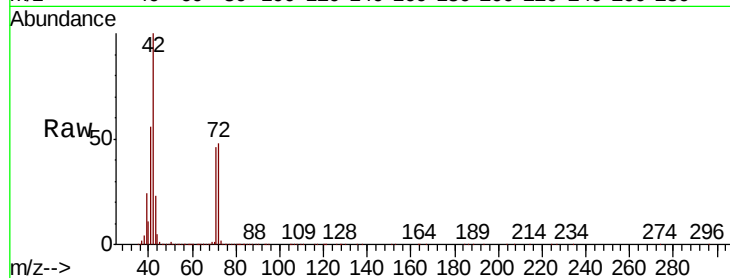




#29
Tetrahydrofuran
Concen: 230.314 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

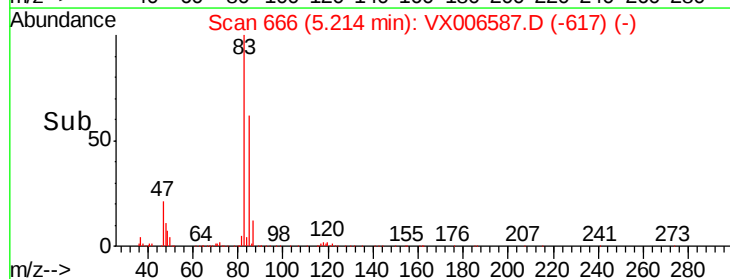
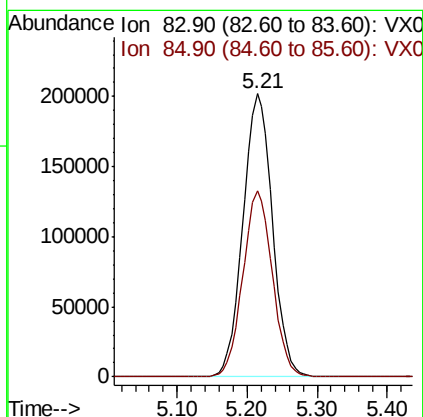
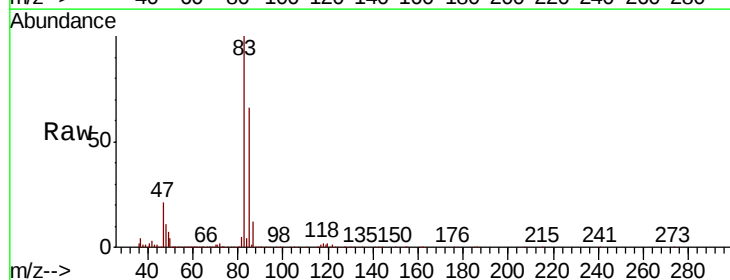
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

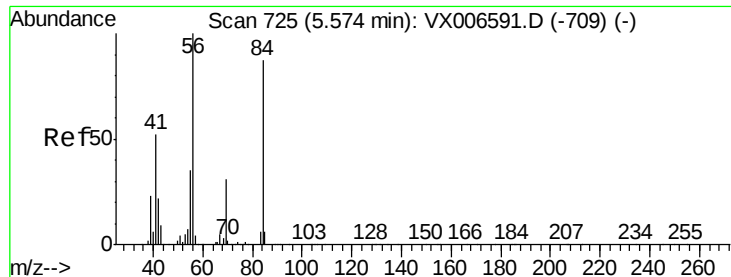
Tot Ion	Ratio	Lower	Upper
42	100		
72	48.8	38.9	58.3
71	45.9	36.2	54.4



#30
Chloroform
Concen: 49.625 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.9	51.2	76.8

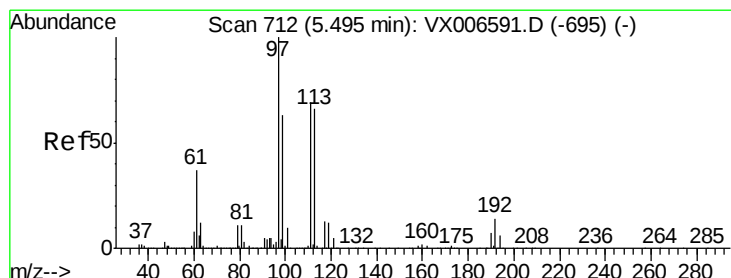
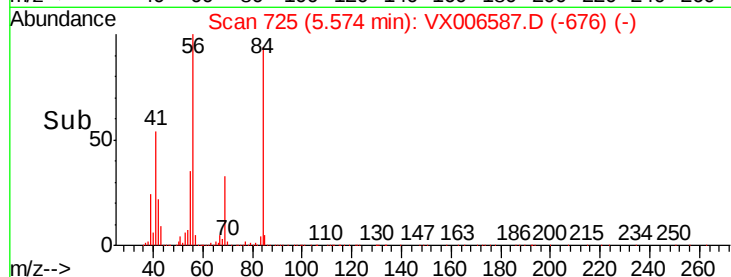
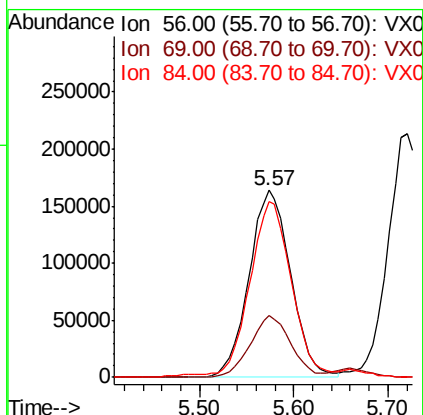
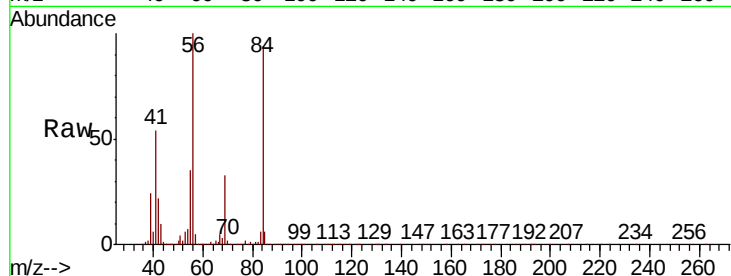




#31
Cyclohexane
Concen: 48.401 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

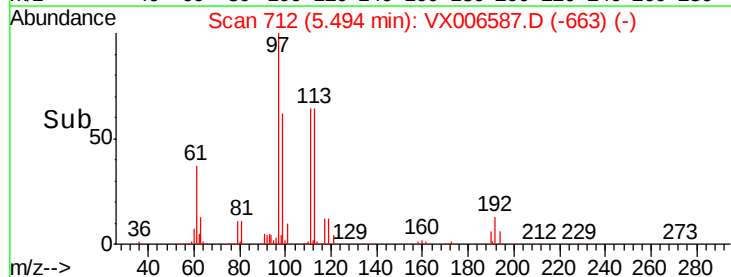
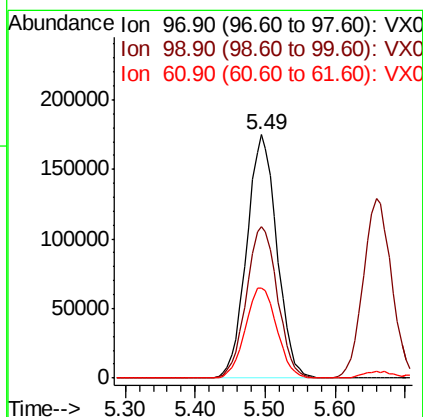
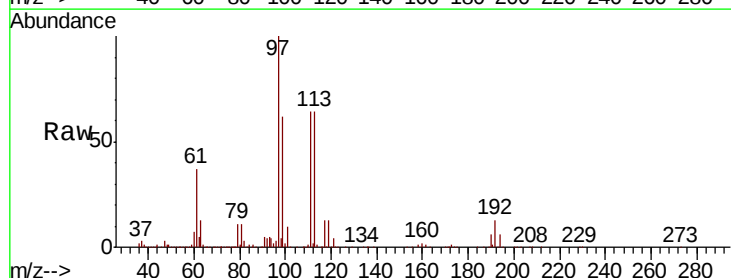
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

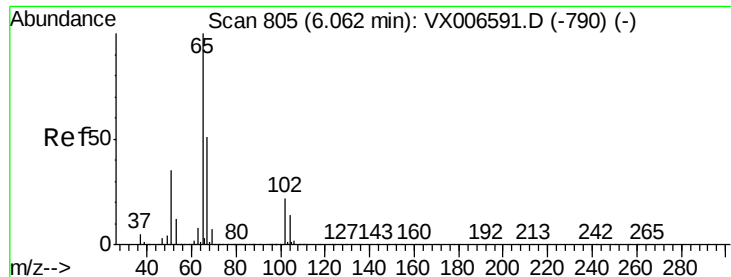
Tot Ion: 56 Resp: 505648
Ion Ratio Lower Upper
56 100
69 32.8 24.4 36.6
84 92.9 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 52.046 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

Tgt Ion: 97 Resp: 523336
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 38.9 31.3 46.9





#33

1,2-Dichloroethane-d4

Concen: 47.250 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

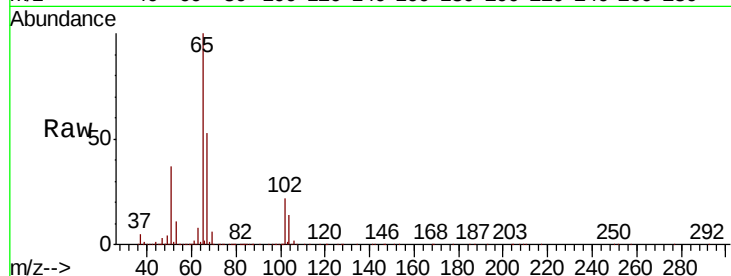
VSTDCCC050

Tot Ion: 65 Resp: 356552

Ion Ratio Lower Upper

65 100

67 54.2 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

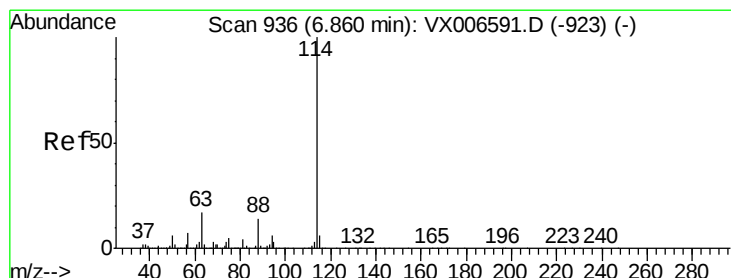
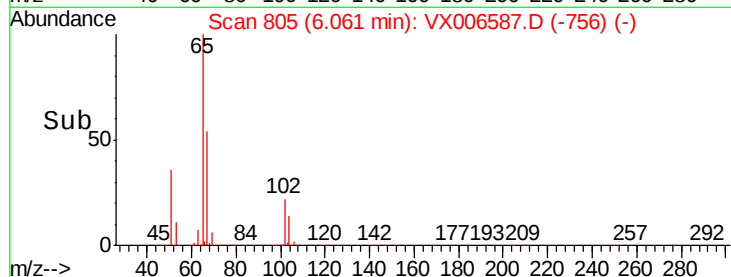
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

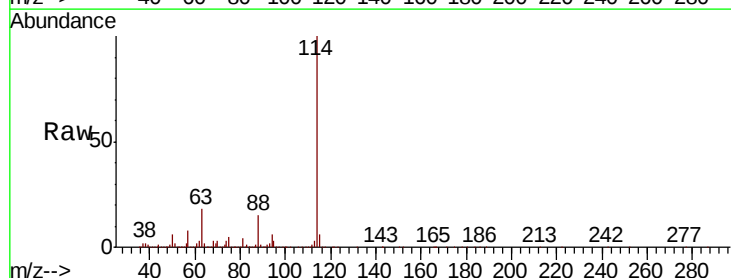
Tgt Ion: 114 Resp: 1038537

Ion Ratio Lower Upper

114 100

63 17.5 0.0 34.8

88 14.5 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

600000

500000

400000

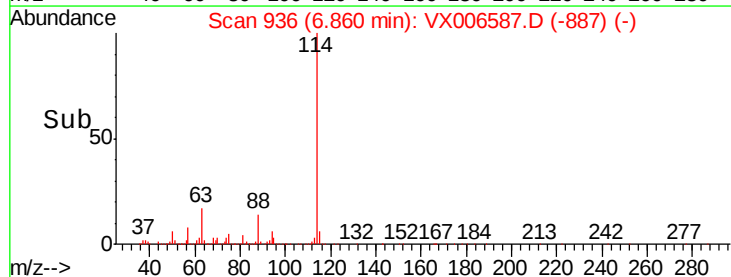
300000

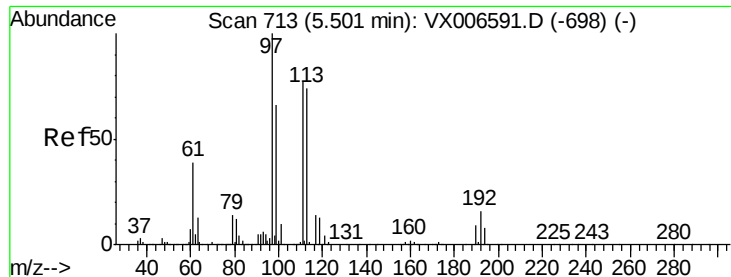
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 51.574 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

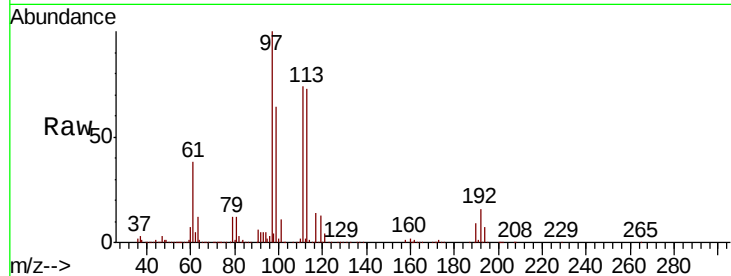
Tot Ion:113 Resp: 338710

Ion Ratio Lower Upper

113 100

111 101.4 81.6 122.4

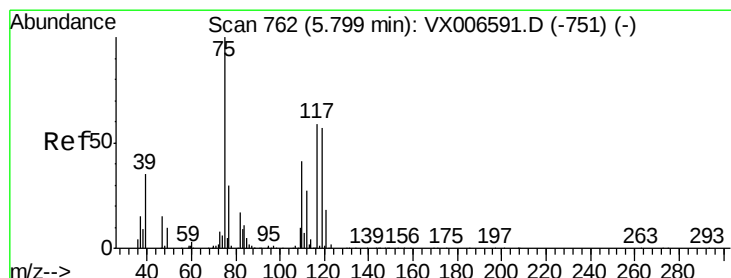
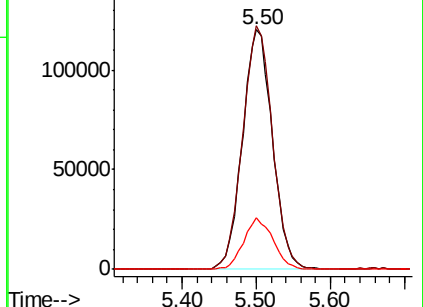
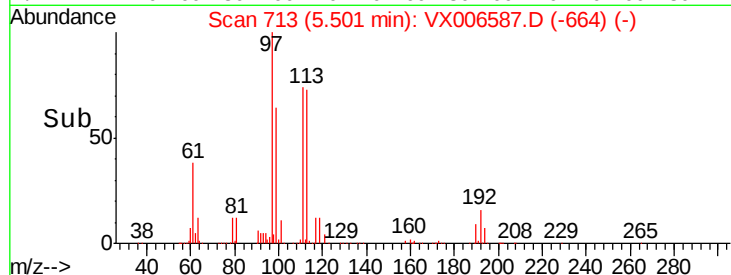
192 21.0 16.7 25.1



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: 50.597 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

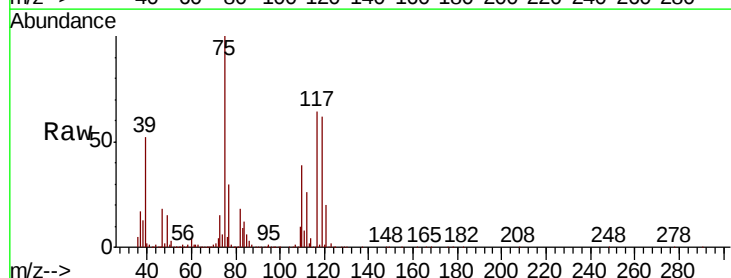
Tgt Ion: 75 Resp: 435213

Ion Ratio Lower Upper

75 100

110 40.2 20.2 60.5

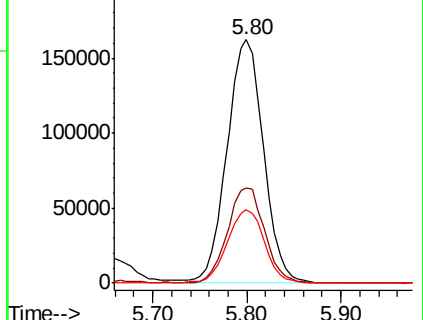
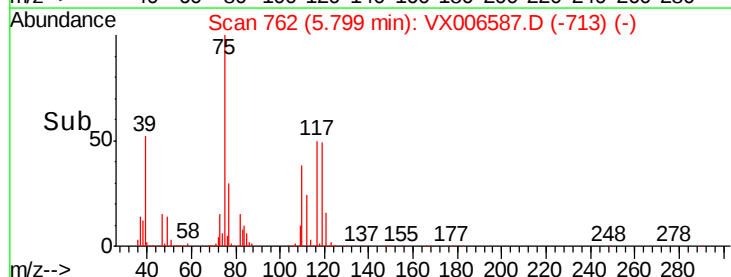
77 30.8 24.8 37.2

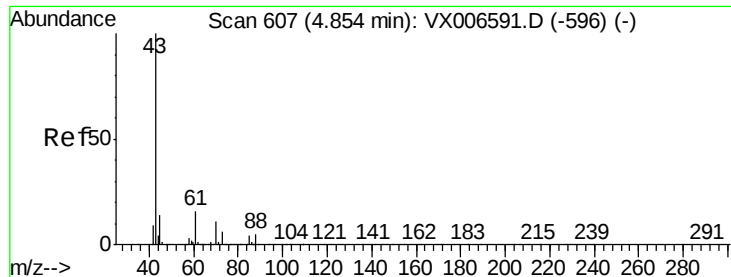


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

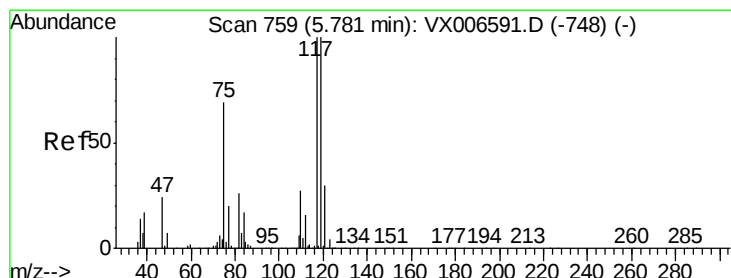
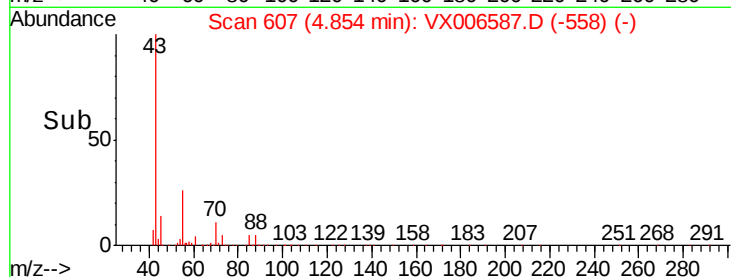
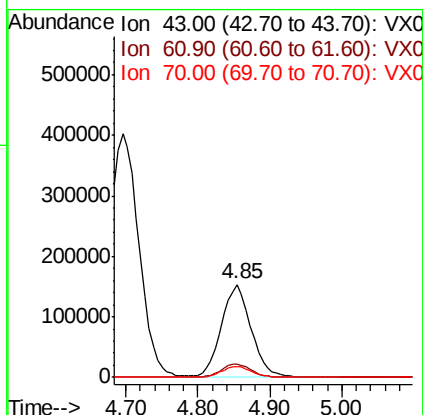
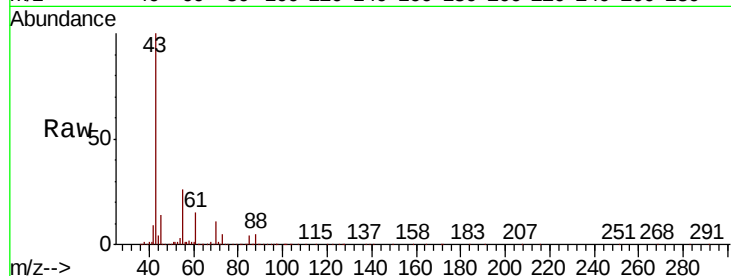




#37
Ethyl Acetate
Concen: 49.062 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

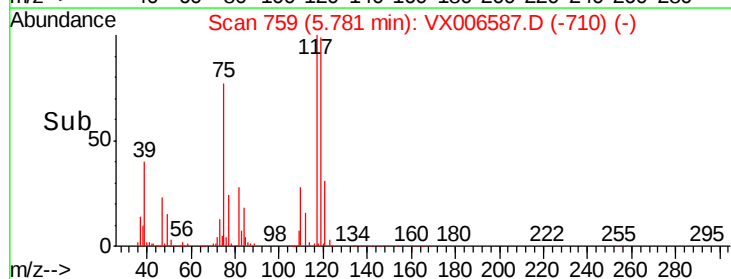
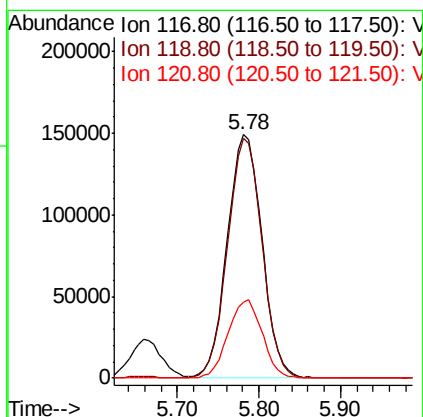
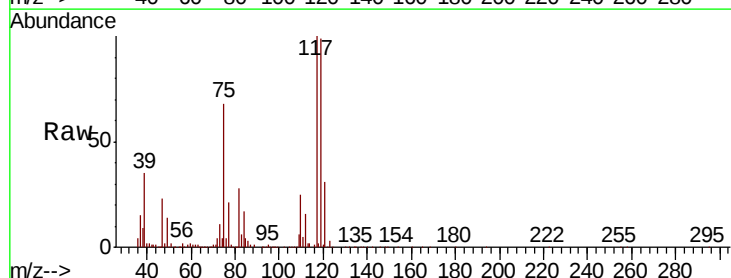
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

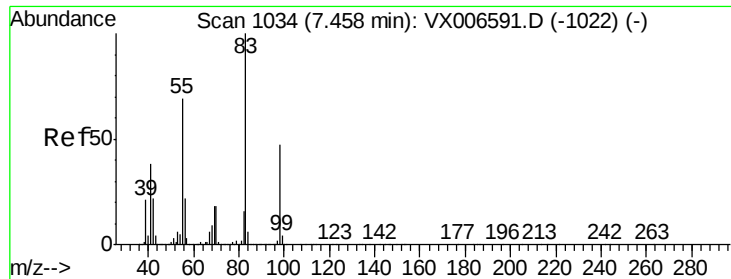
Tot Ion: 43 Resp: 439234
Ion Ratio Lower Upper
43 100
61 15.0 11.9 17.9
70 12.1 9.7 14.5



#38
Carbon Tetrachloride
Concen: 52.537 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

Tgt Ion: 117 Resp: 439171
Ion Ratio Lower Upper
117 100
119 98.6 79.4 119.2
121 31.2 24.0 36.0

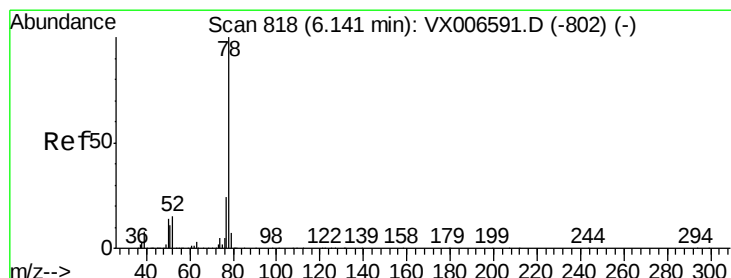
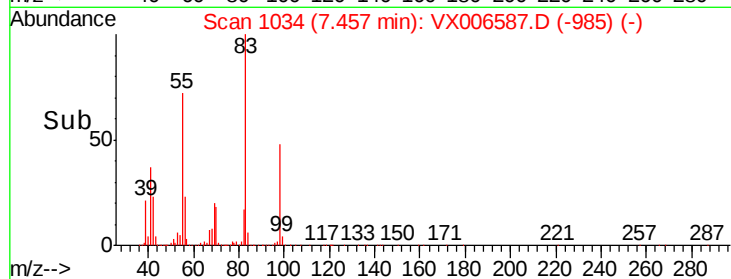
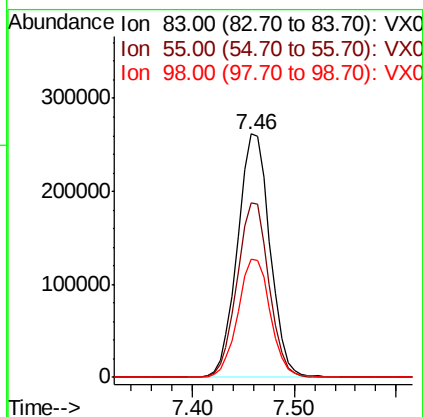
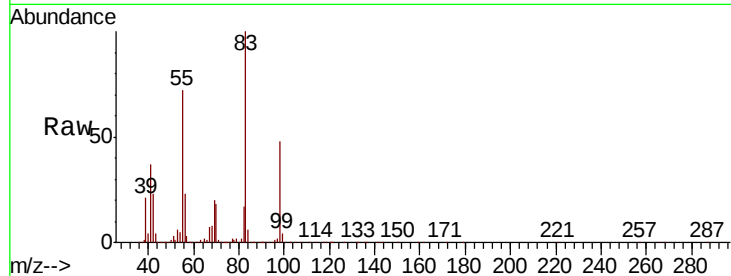




#39
Methvlcvclohexane
Concen: 51.220 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

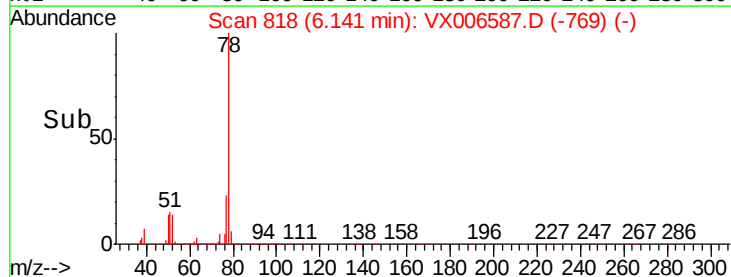
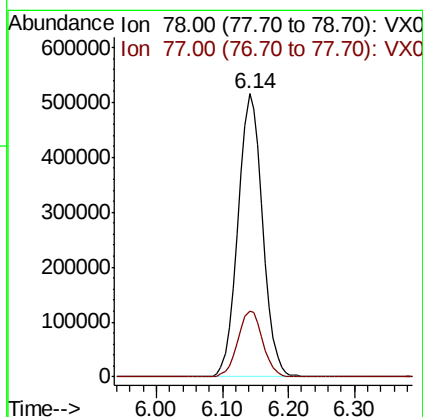
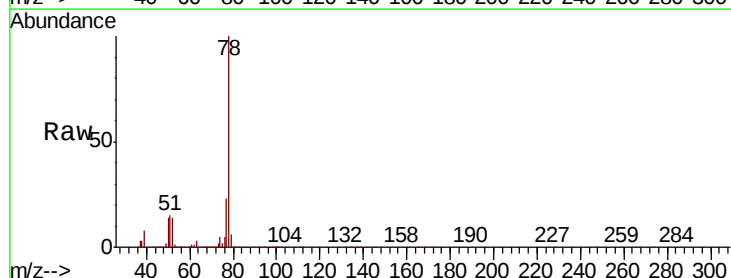
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

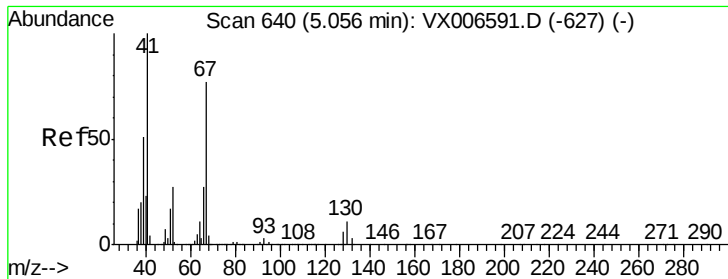
Tot Ion	83.00	Resp	580018
Ion	Ratio	Lower	Upper
83	100		
55	71.7	54.9	82.3
98	48.3	37.9	56.9



#40
Benzene
Concen: 50.854 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

Tgt Ion	78.00	Resp	1329605
Ion	Ratio	Lower	Upper
78	100		
77	23.1	19.2	28.8





#41

Methacrylonitrile

Concen: 49.021 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.01 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 246618

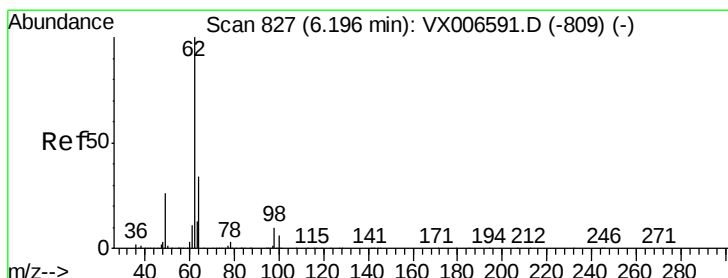
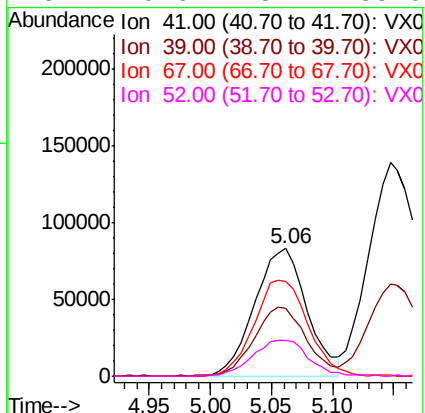
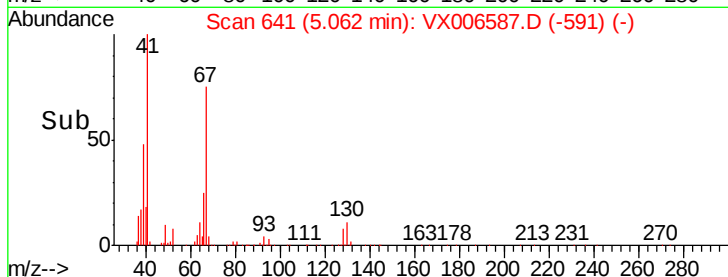
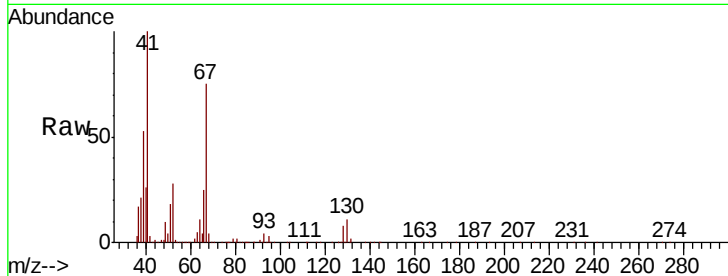
Ion Ratio Lower Upper

41 100

39 54.1 42.8 64.2

67 78.3 62.1 93.1

52 29.6 23.4 35.0



#42

1,2-Dichloroethane

Concen: 49.864 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006587.D

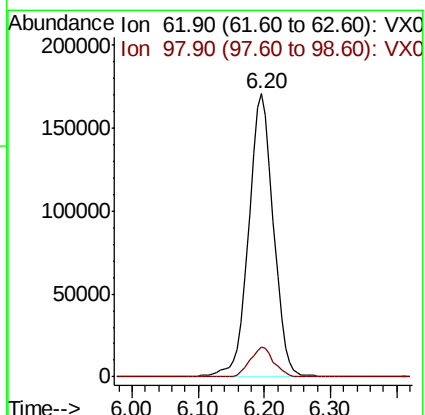
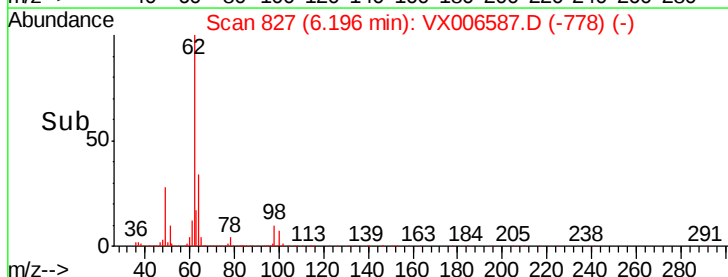
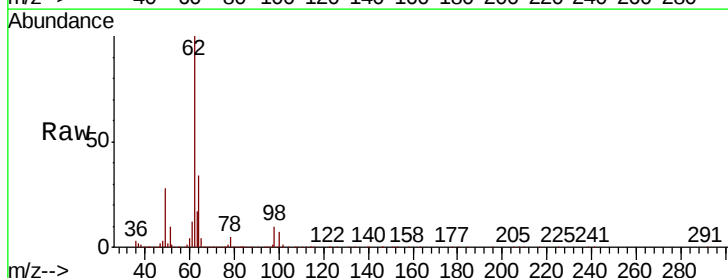
Acq: 18 Dec 2018 09:19

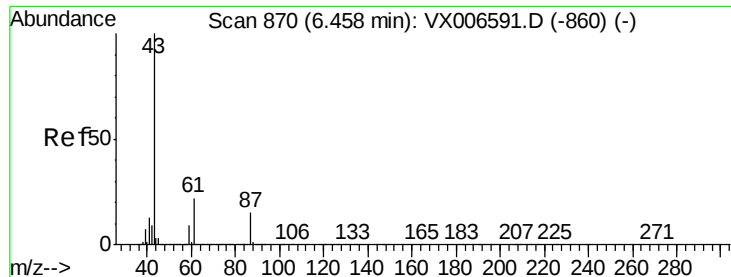
Tgt Ion: 62 Resp: 444251

Ion Ratio Lower Upper

62 100

98 10.1 0.0 20.2





#43

Isopropyl Acetate

Concen: 52.583 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

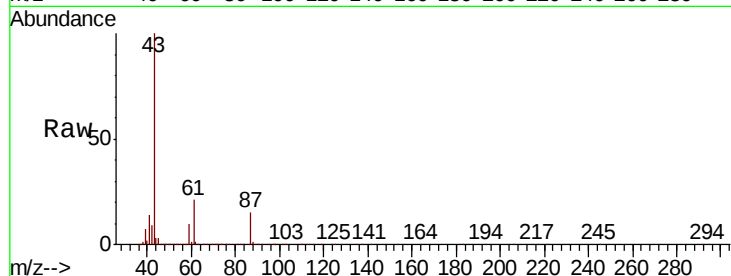
Tot Ion: 43 Resp: 716271

Ion Ratio Lower Upper

43 100

61 20.7 16.8 25.2

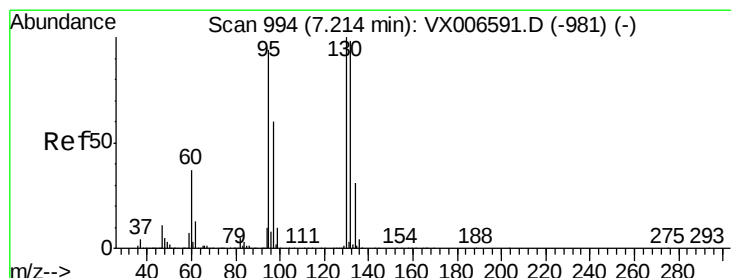
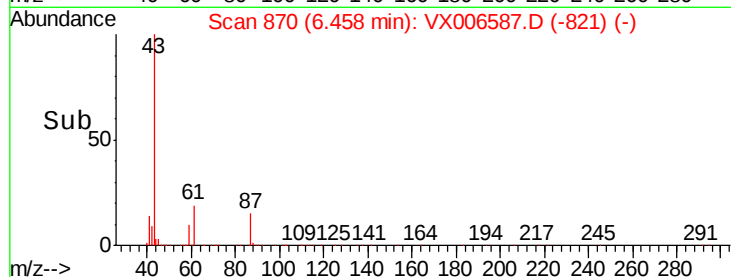
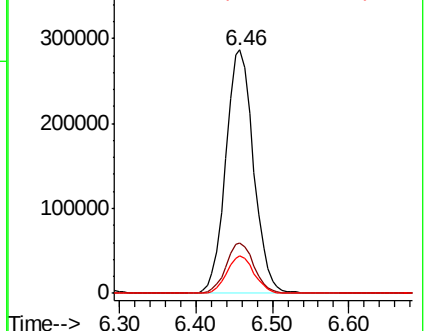
87 15.2 12.4 18.6



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: 50.589 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006587.D

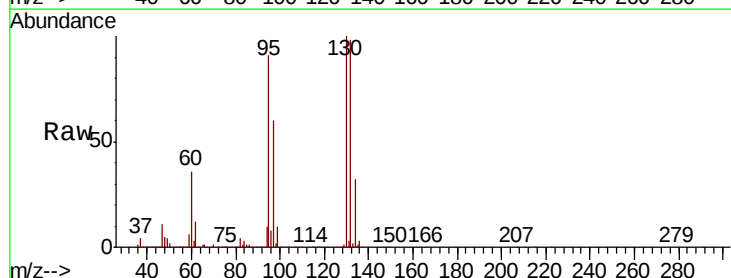
Acq: 18 Dec 2018 09:19

Tgt Ion:130 Resp: 400334

Ion Ratio Lower Upper

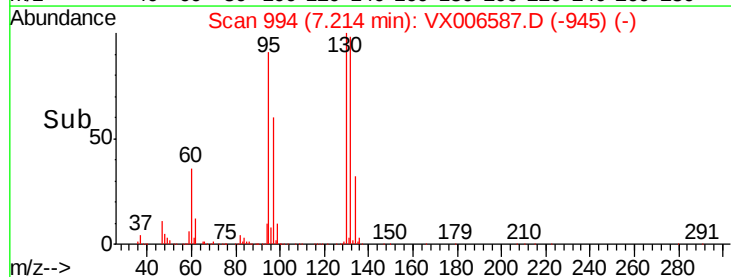
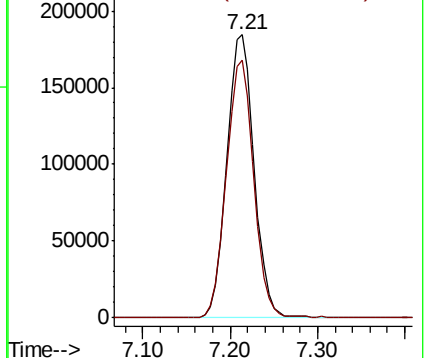
130 100

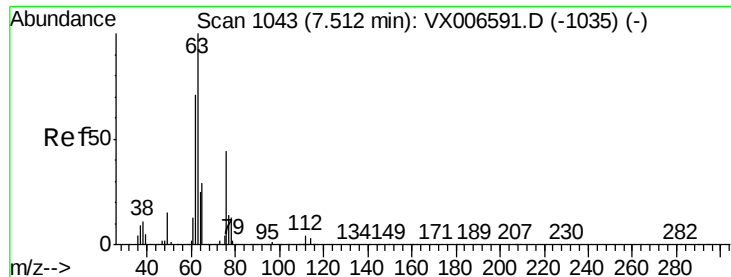
95 91.2 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 52.006 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

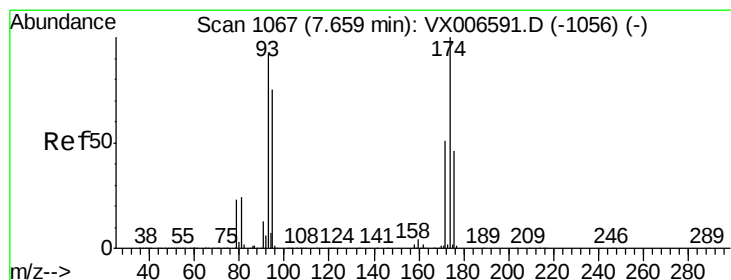
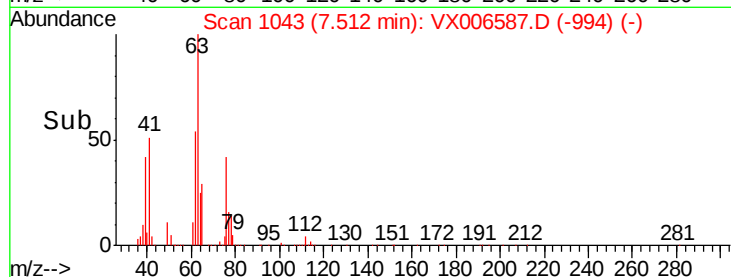
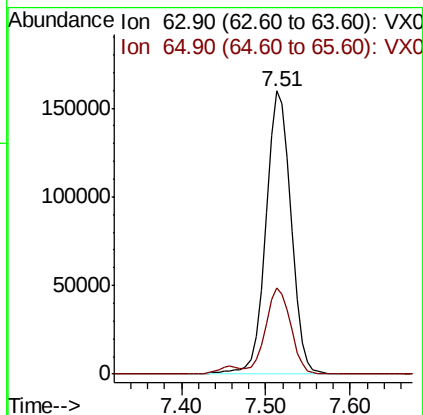
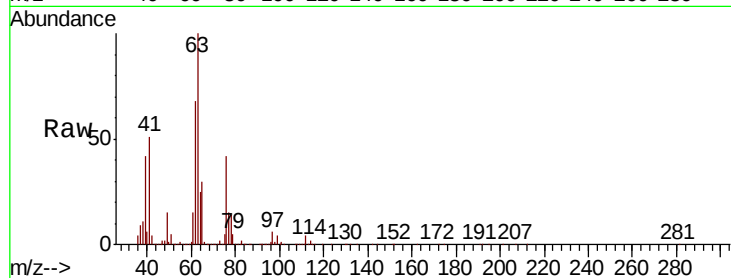
VSTDCCC050

Tot Ion: 63 Resp: 330889

Ion Ratio Lower Upper

63 100

65 30.4 25.4 38.0



#46

Dibromomethane

Concen: 51.101 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

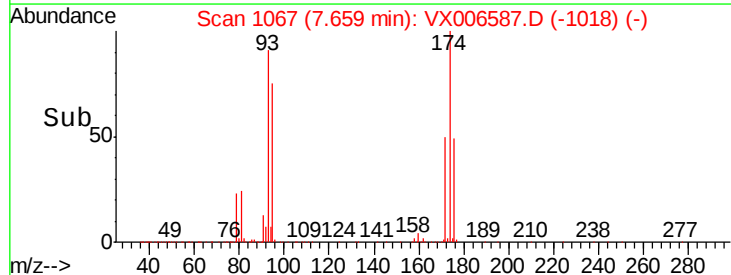
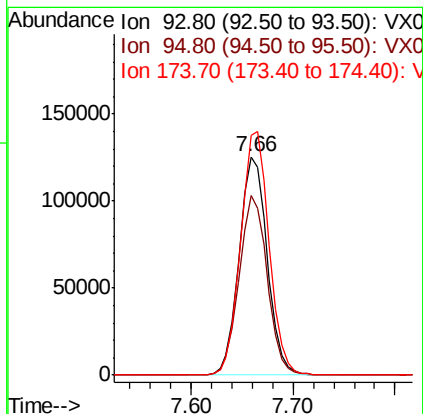
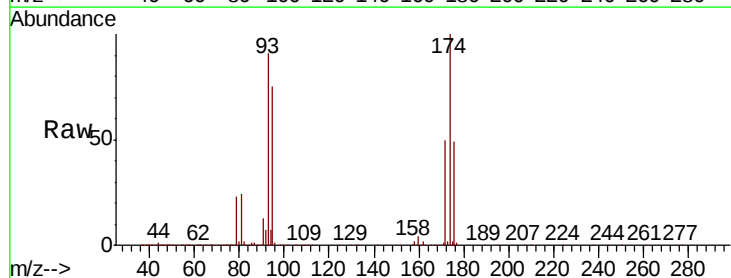
Tgt Ion: 93 Resp: 239150

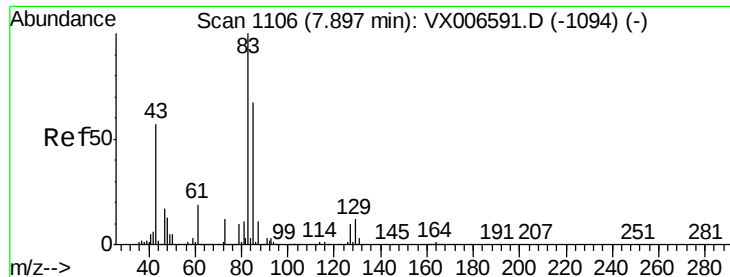
Ion Ratio Lower Upper

93 100

95 82.6 66.2 99.4

174 113.5 91.0 136.4





#47

Bromodichloromethane

Concen: 54.403 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

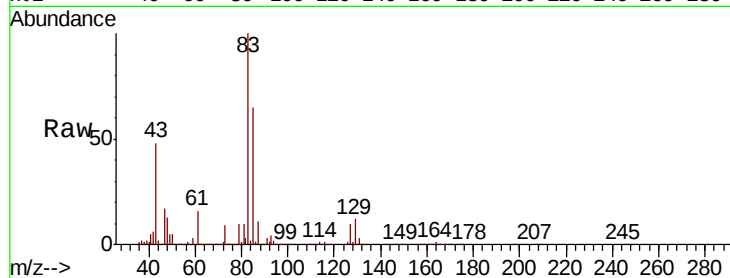
Tot Ion: 83 Resp: 422705

Ion Ratio Lower Upper

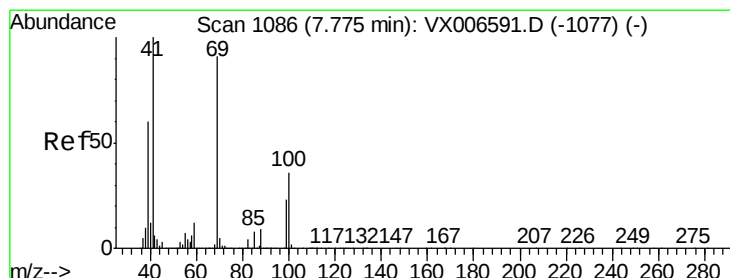
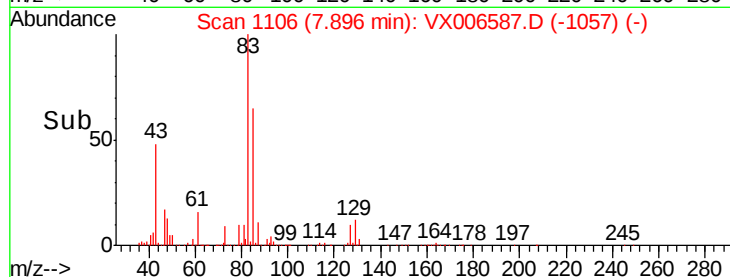
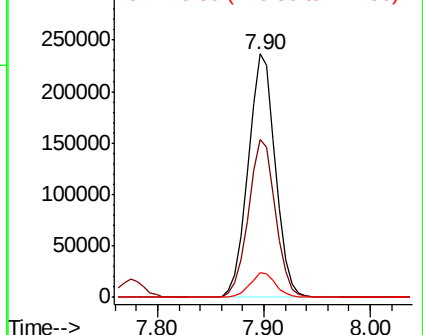
83 100

85 64.5 53.2 79.8

127 9.9 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: 51.866 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

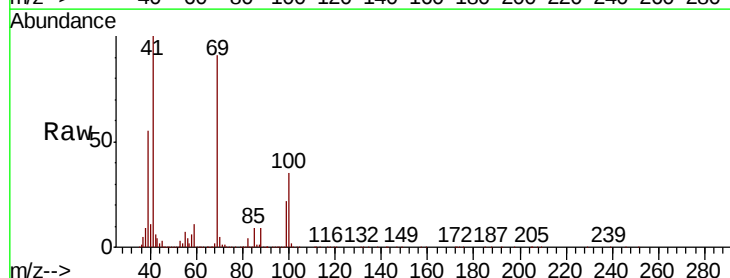
Tgt Ion: 41 Resp: 359280

Ion Ratio Lower Upper

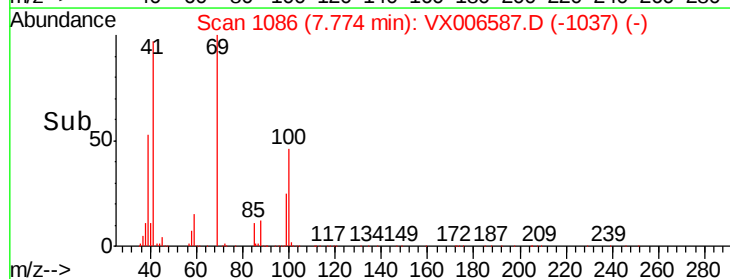
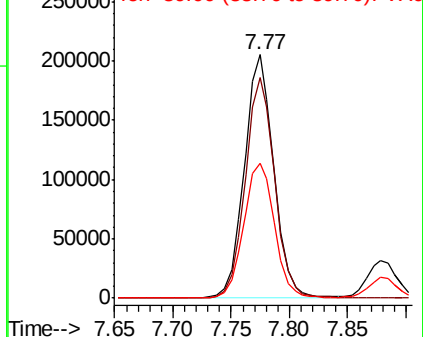
41 100

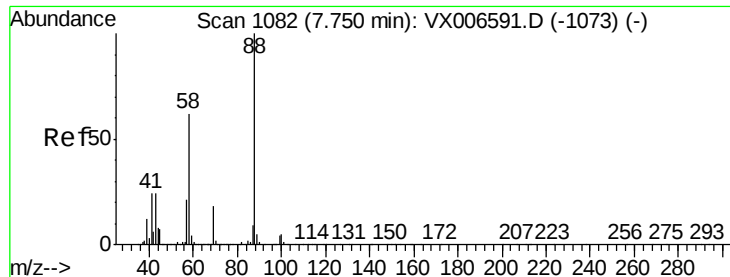
69 91.0 72.4 108.6

39 58.0 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: 875.721 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

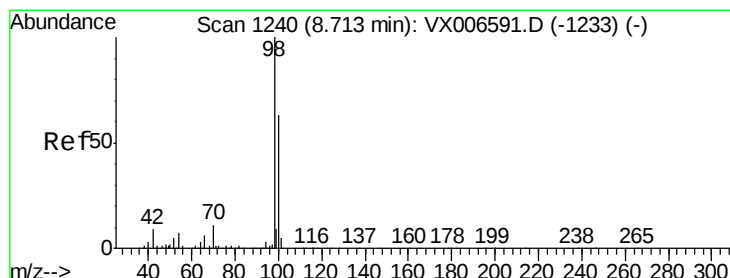
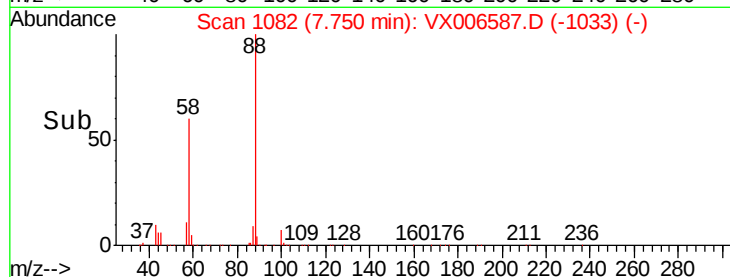
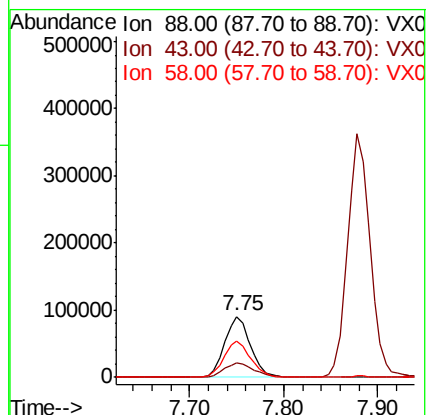
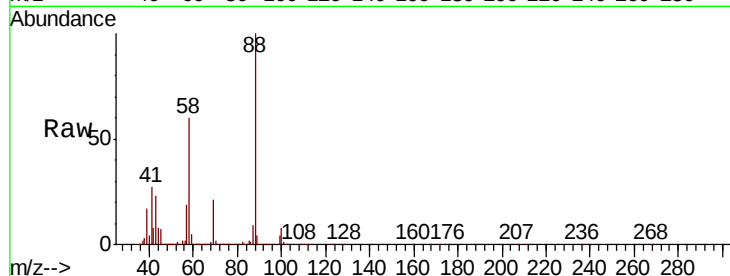
Tot Ion: 88 Resp: 171636

Ion	Ratio	Lower	Upper
88	100		
43	28.8	22.2	33.4
58	62.3	51.0	76.4

88 100

43 28.8 22.2 33.4

58 62.3 51.0 76.4



#50

Toluene-d8

Concen: 48.981 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006587.D

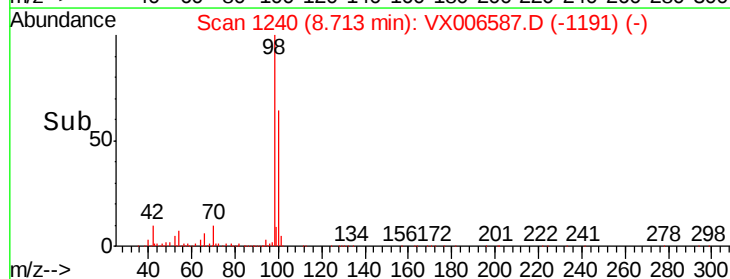
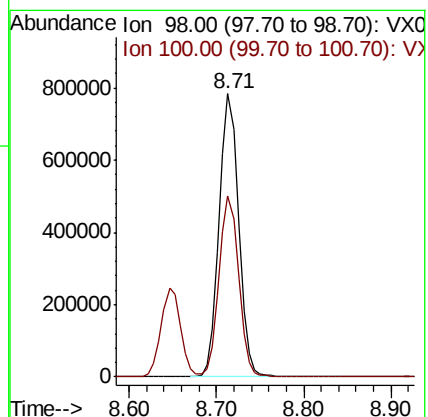
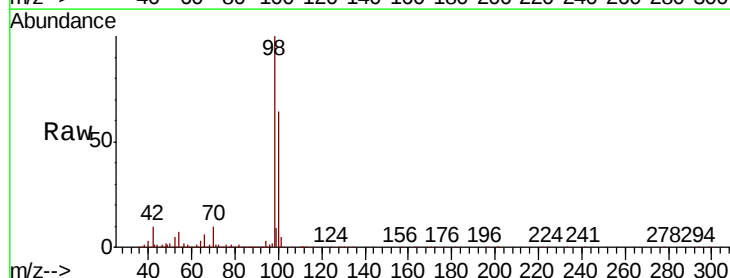
Acq: 18 Dec 2018 09:19

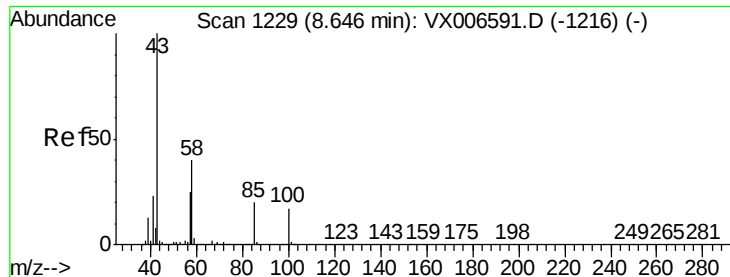
Tgt Ion: 98 Resp: 1212755

Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.0	78.0

98 100

100 64.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 256.184 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

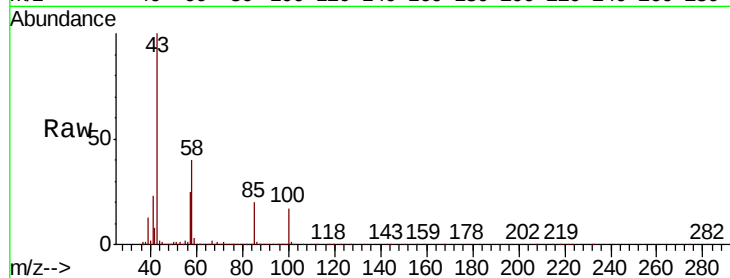
VSTDCCC050

Tot Ion: 43 Resp: 2220374

Ion Ratio Lower Upper

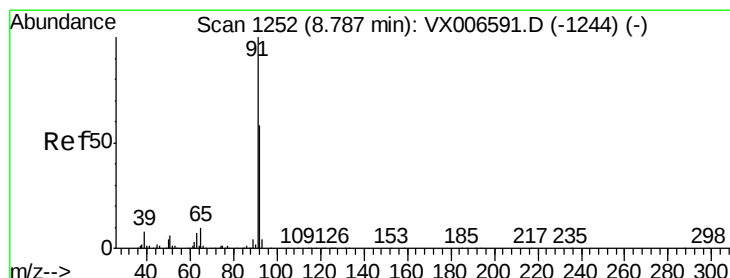
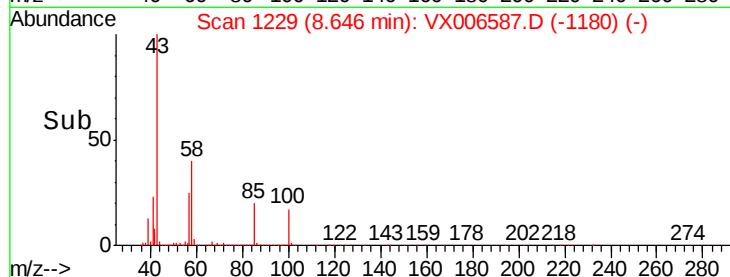
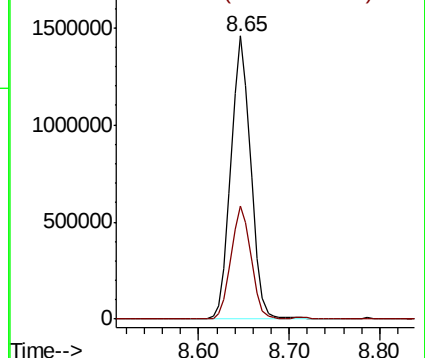
43 100

58 40.2 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 52.332 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006587.D

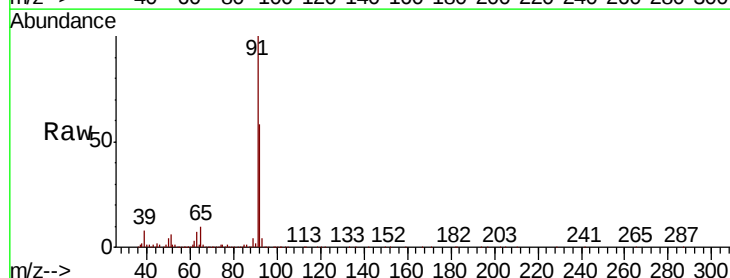
Acq: 18 Dec 2018 09:19

Tgt Ion: 92 Resp: 883944

Ion Ratio Lower Upper

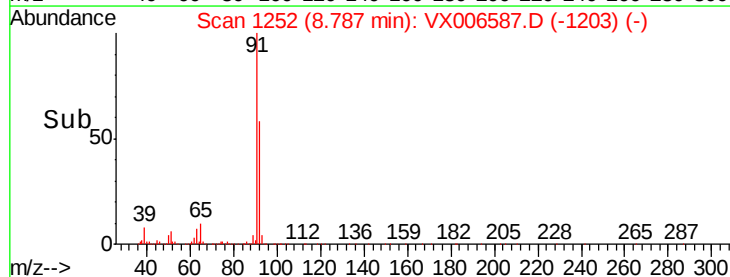
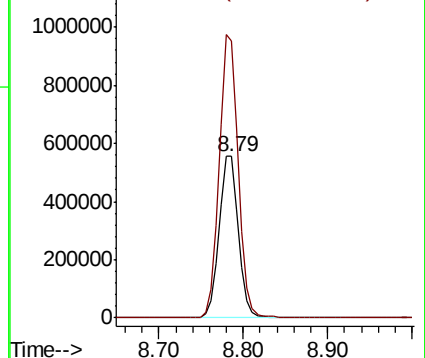
92 100

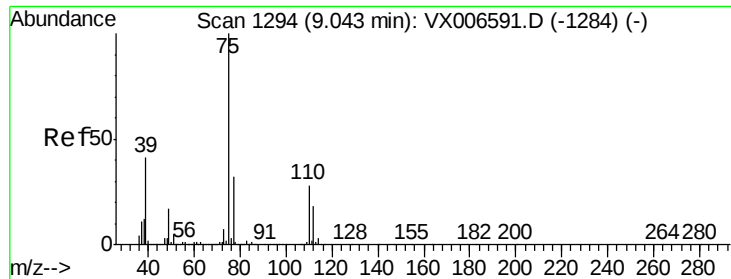
91 172.5 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 57.818 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

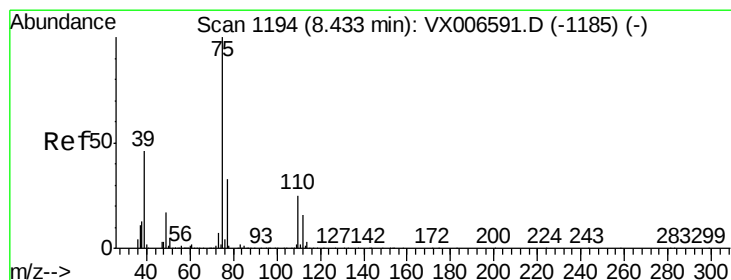
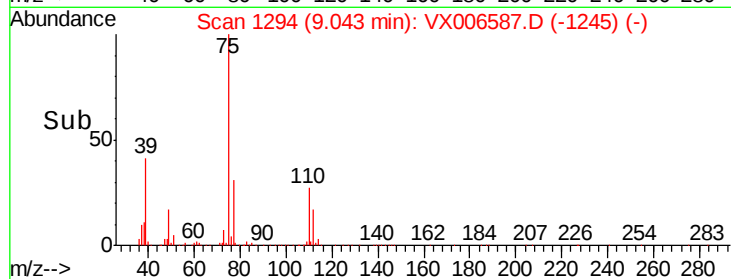
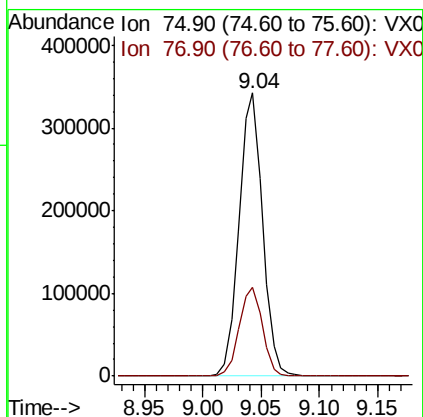
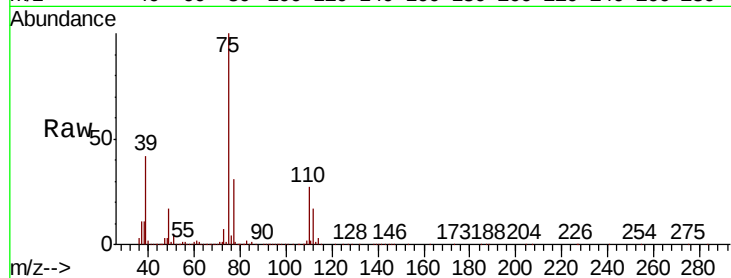
VSTDCCC050

Tot Ion: 75 Resp: 481802

Ion Ratio Lower Upper

75 100

77 31.4 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 56.760 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

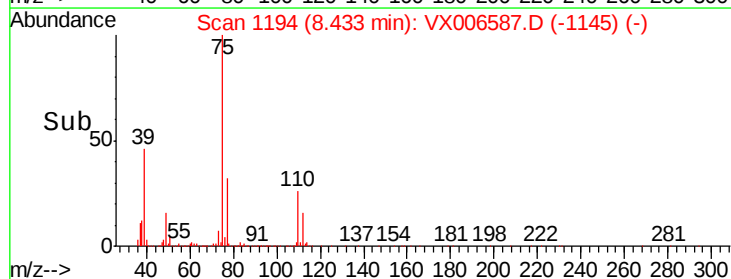
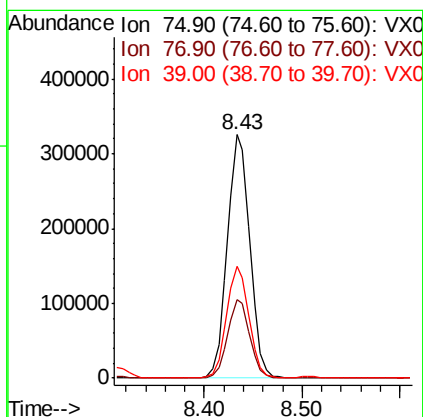
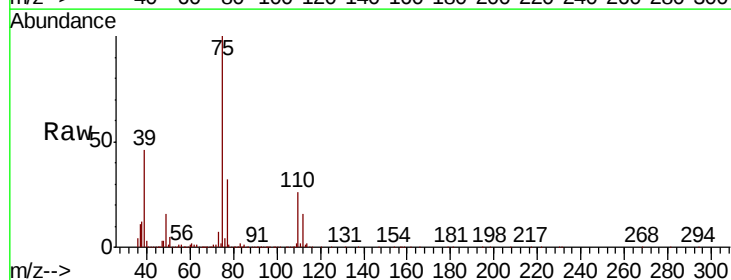
Tgt Ion: 75 Resp: 518981

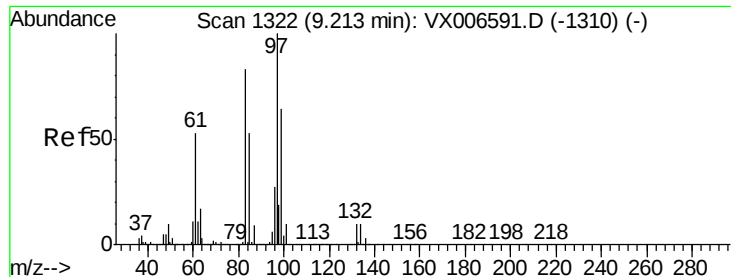
Ion Ratio Lower Upper

75 100

77 32.2 26.2 39.2

39 46.0 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 52.464 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 362731

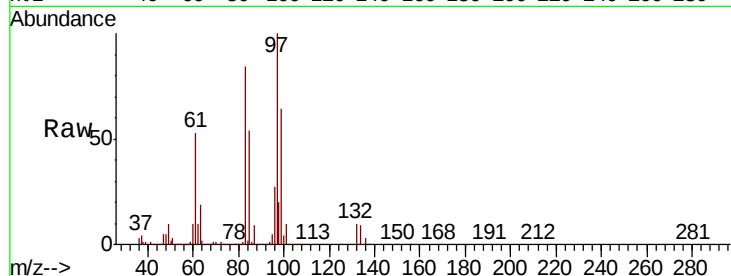
Ion Ratio Lower Upper

97 100

83 84.1 66.6 99.8

85 54.4 42.7 64.1

99 63.6 50.8 76.2

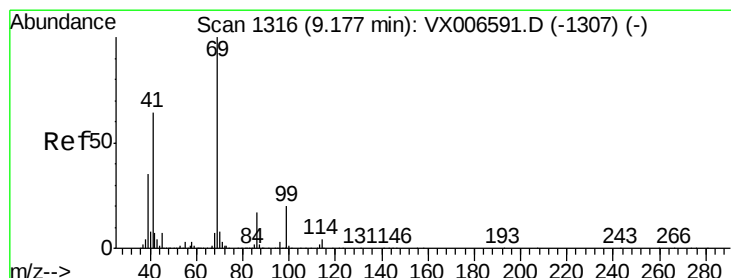
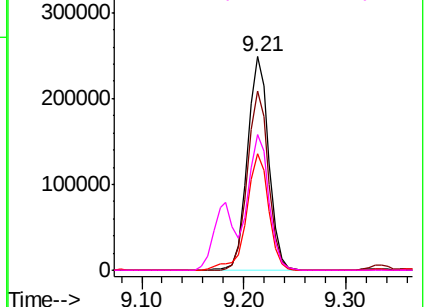
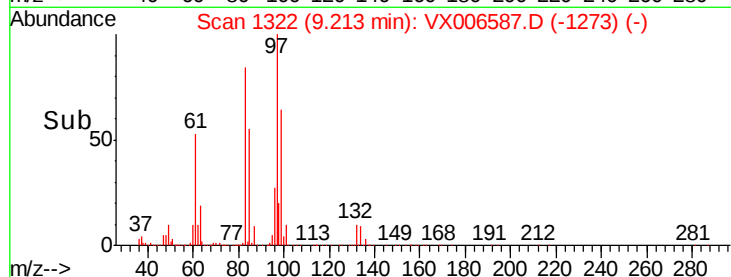


Abundance Ion 96.90 (96.60 to 97.60): VX0

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



#56

Ethyl methacrylate

Concen: 53.534 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

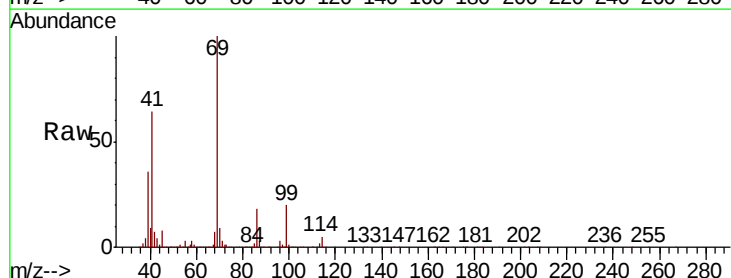
Tgt Ion: 69 Resp: 523127

Ion Ratio Lower Upper

69 100

41 62.5 48.7 73.1

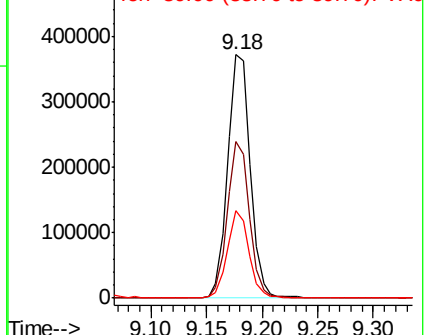
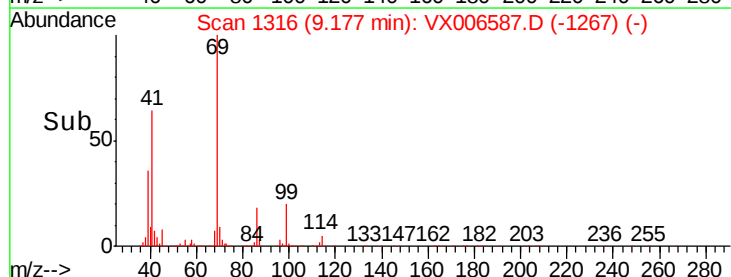
39 34.2 27.0 40.6

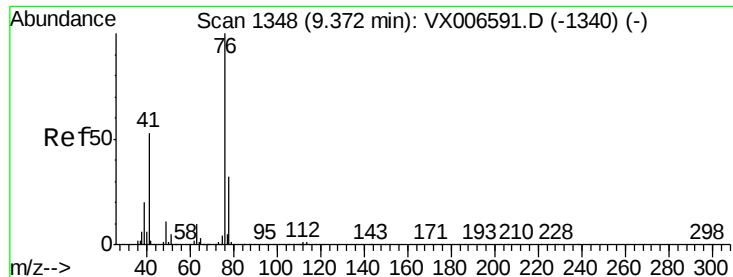


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

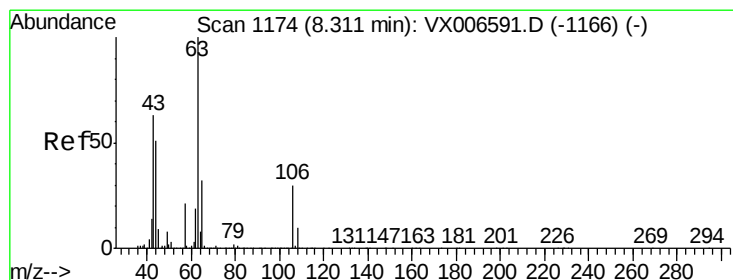
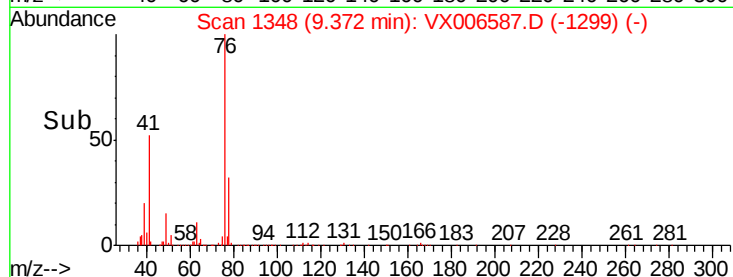
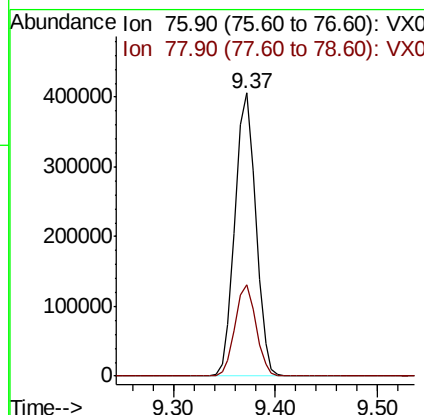
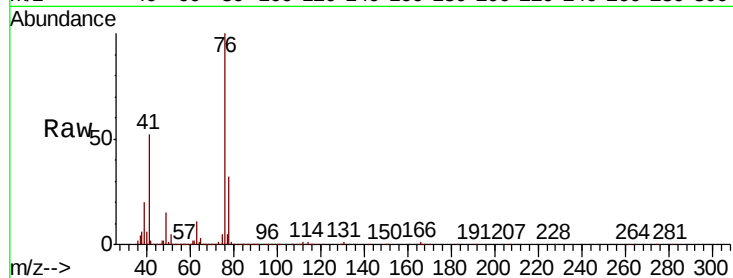




#57
 1,3-Dichloropropane
 Concen: 51.417 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX006587.D
 Acq: 18 Dec 2018 09:19

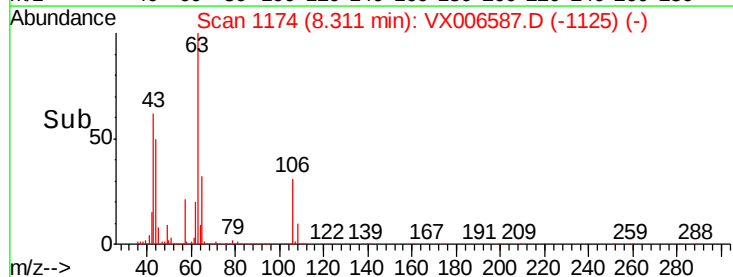
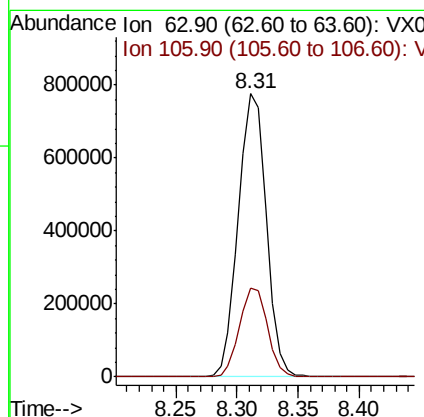
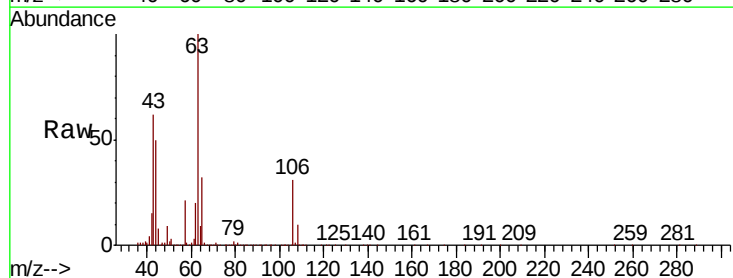
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

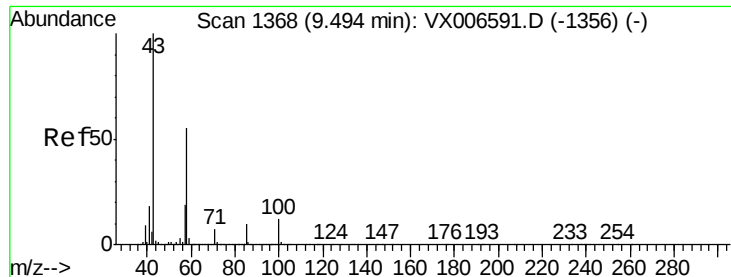
Tot Ion: 76 Resp: 571941
 Ion Ratio Lower Upper
 76 100
 78 32.3 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 237.634 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX006587.D
 Acq: 18 Dec 2018 09:19

Tgt Ion: 63 Resp: 1234366
 Ion Ratio Lower Upper
 63 100
 106 31.3 24.6 36.8

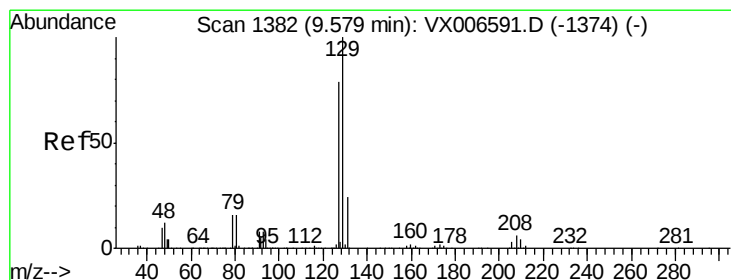
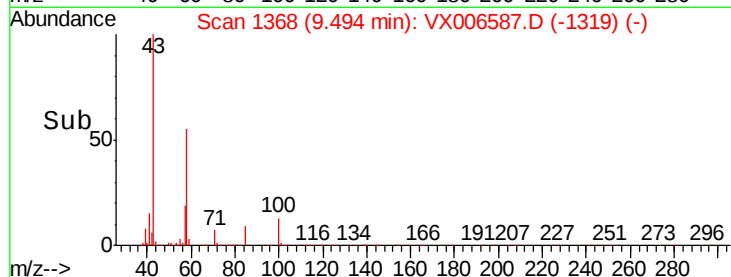
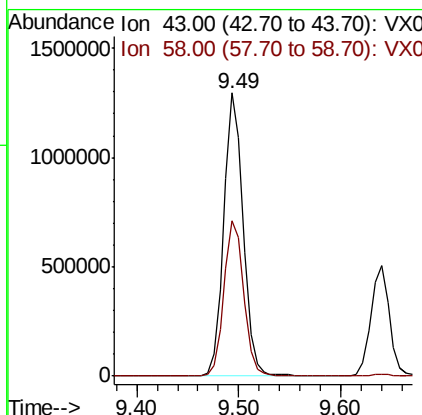
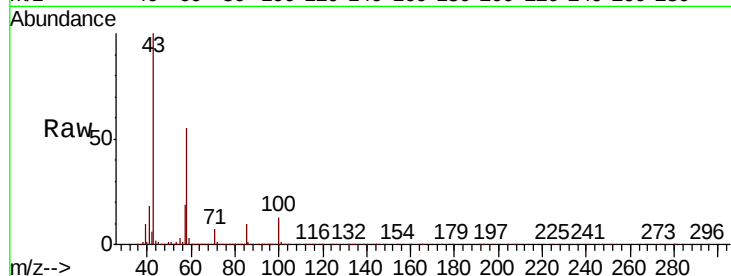




#59
2-Hexanone
Concen: 257.903 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

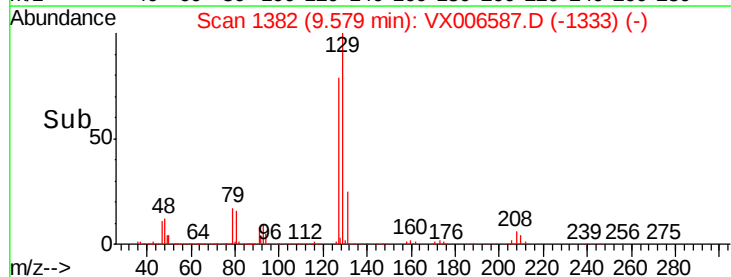
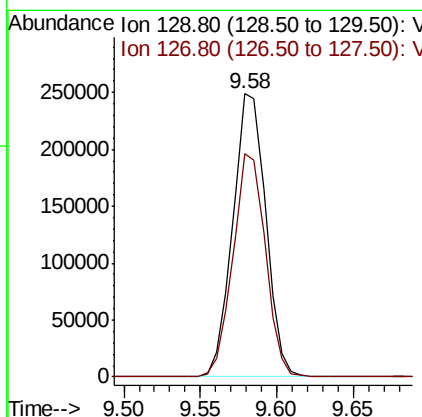
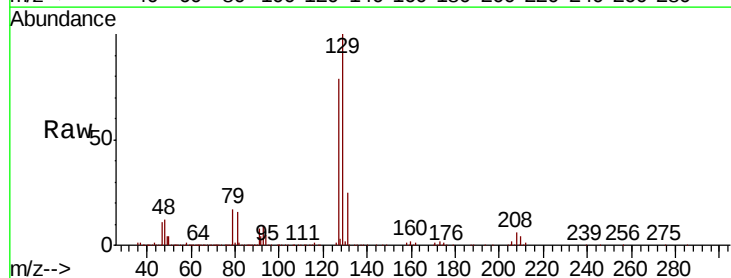
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

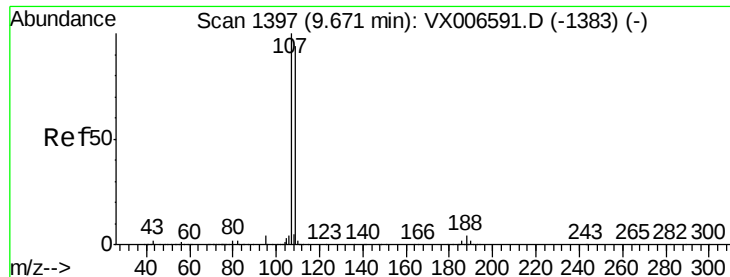
Tot Ion: 43 Resp: 1710251
Ion Ratio Lower Upper
43 100
58 56.2 27.7 83.1



#60
Dibromochloromethane
Concen: 58.566 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

Tgt Ion: 129 Resp: 372969
Ion Ratio Lower Upper
129 100
127 77.5 39.3 117.8





#61

1,2-Dibromoethane

Concen: 52.929 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

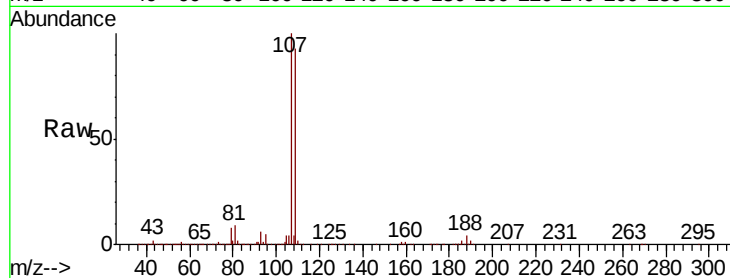
VSTDCCC050

Tot Ion: 107 Resp: 389006

Ion Ratio Lower Upper

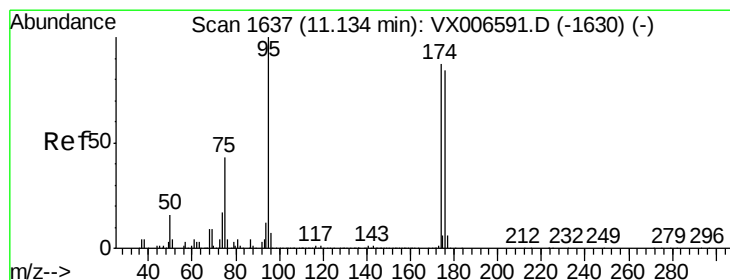
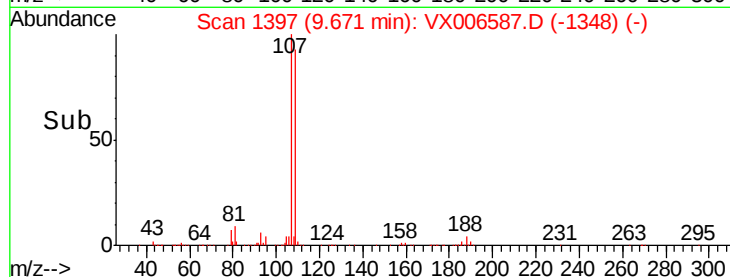
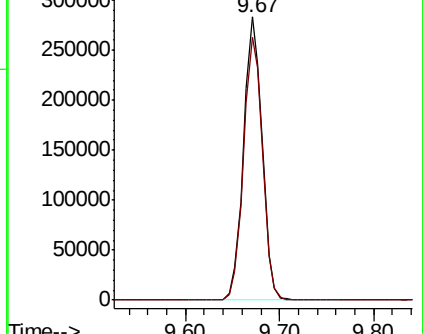
107 100

109 95.1 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: 51.822 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

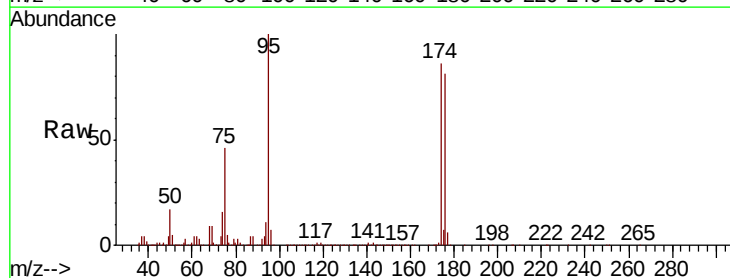
Tgt Ion: 95 Resp: 469929

Ion Ratio Lower Upper

95 100

174 91.6 0.0 182.2

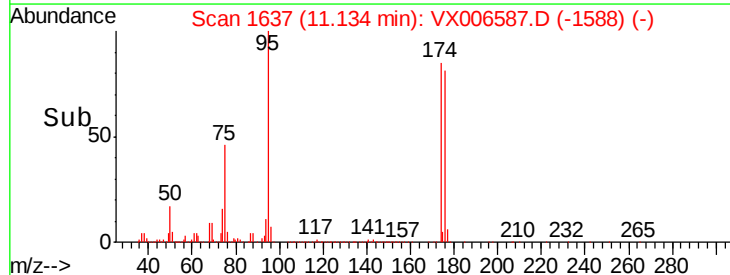
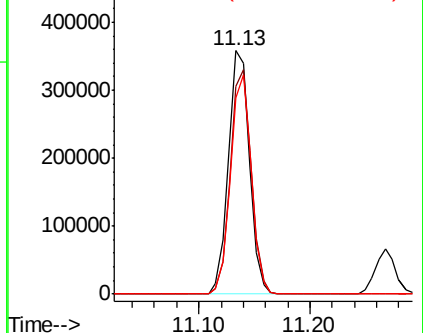
176 88.7 0.0 178.8

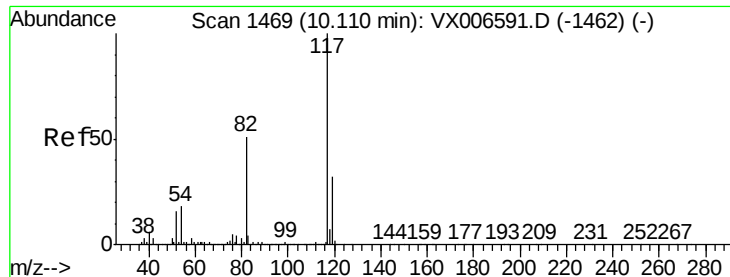


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

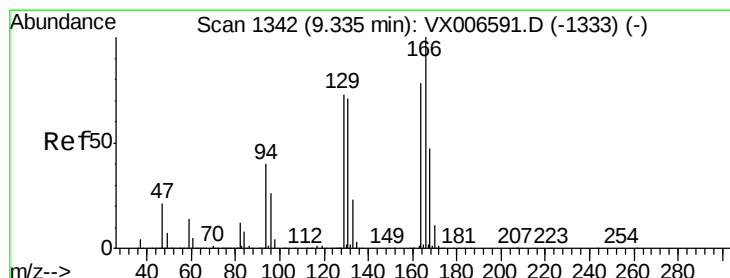
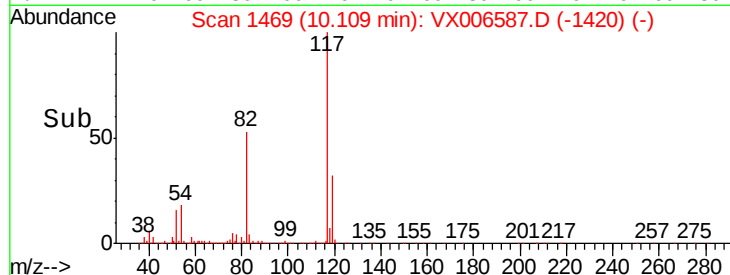
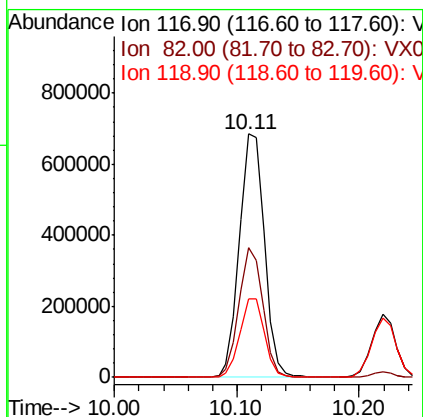
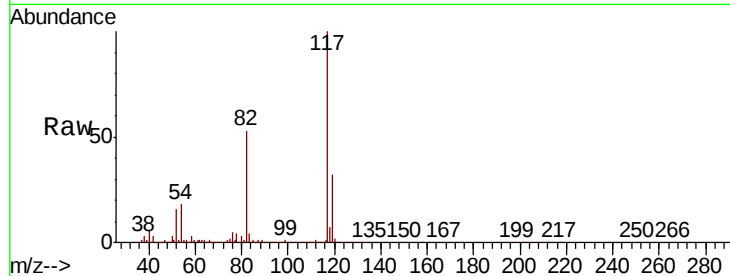




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

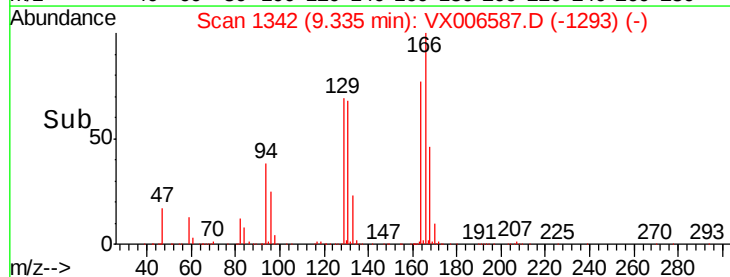
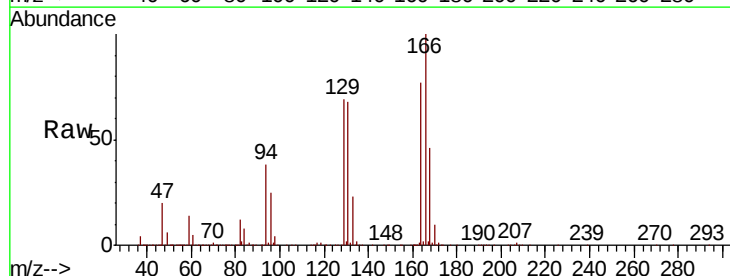
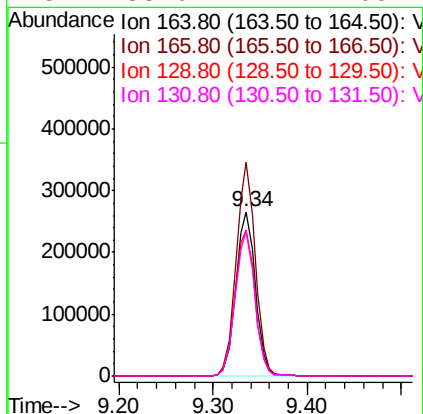
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

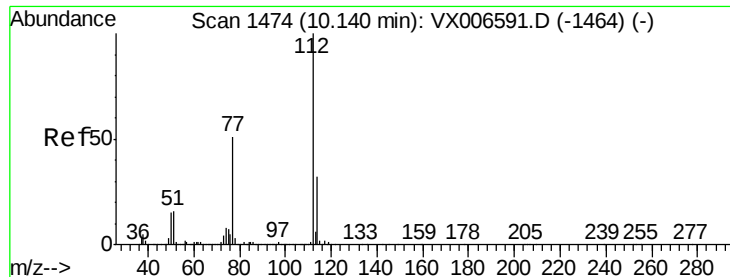
Tot Ion:117 Resp: 970734
Ion Ratio Lower Upper
117 100
82 53.1 41.0 61.6
119 32.2 25.4 38.0



#64
Tetrachloroethene
Concen: 49.721 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

Tgt Ion:164 Resp: 382194
Ion Ratio Lower Upper
164 100
166 130.1 102.5 153.7
129 89.2 75.1 112.7
131 88.0 72.7 109.1

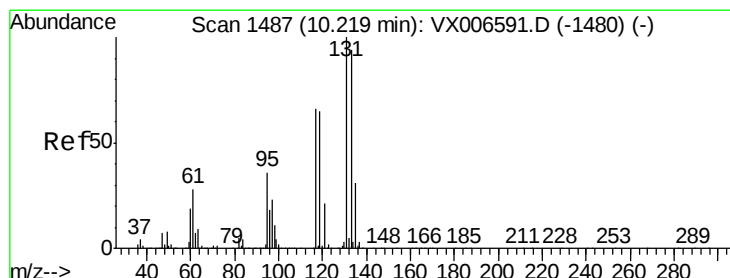
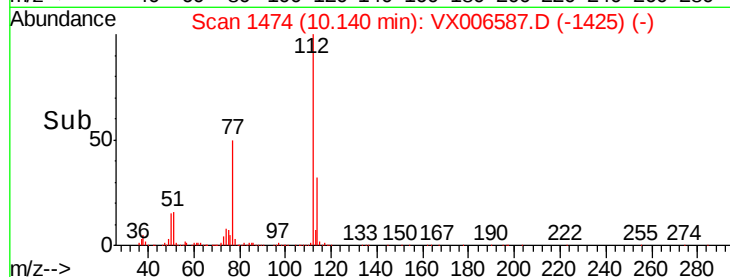
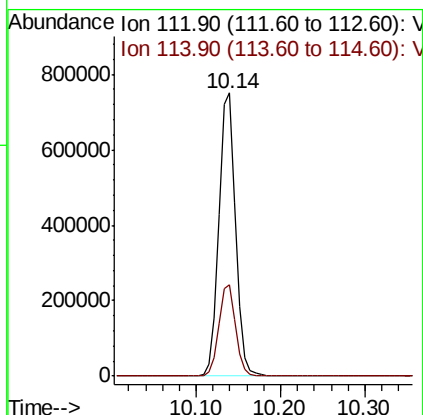
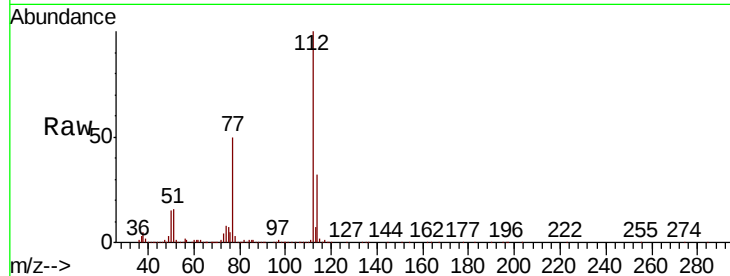




#65
Chlorobenzene
Concen: 50.332 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

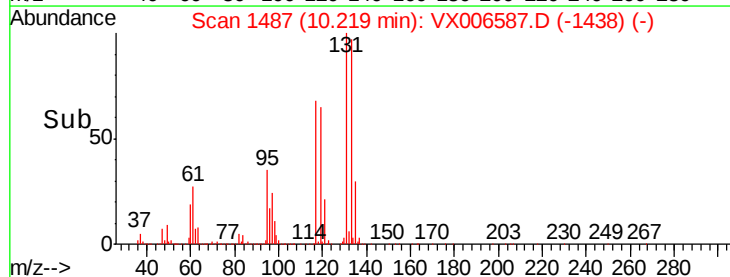
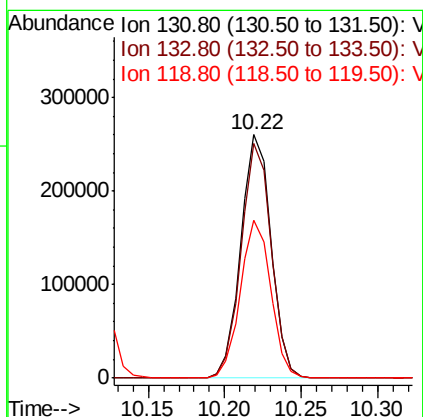
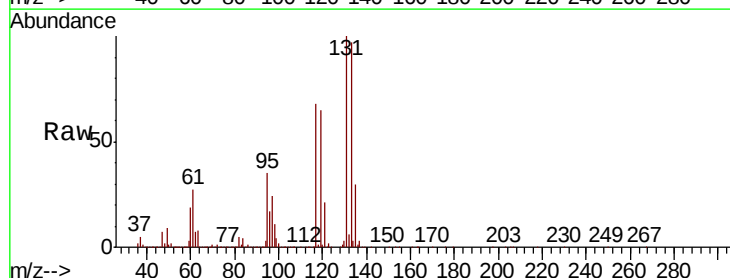
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

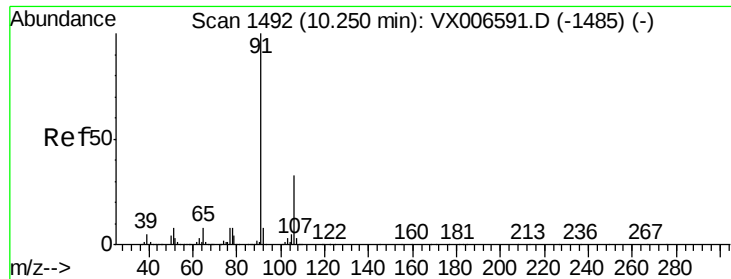
Tot Ion:112 Resp: 1033645
Ion Ratio Lower Upper
112 100
114 32.3 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 55.895 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

Tgt Ion:131 Resp: 358143
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.2
119 65.2 32.6 97.8





#67

Ethyl Benzene

Concen: 51.265 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

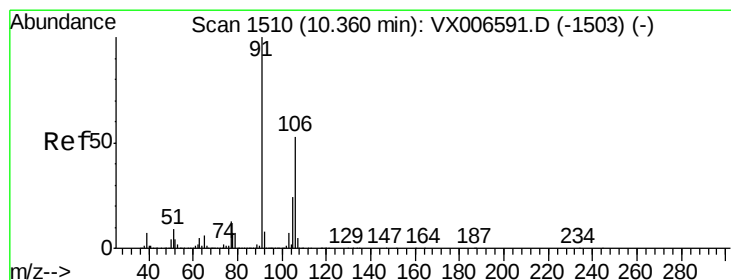
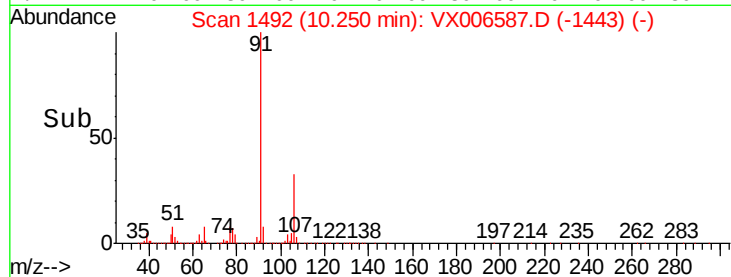
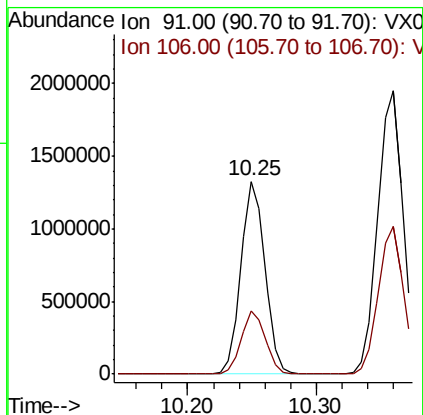
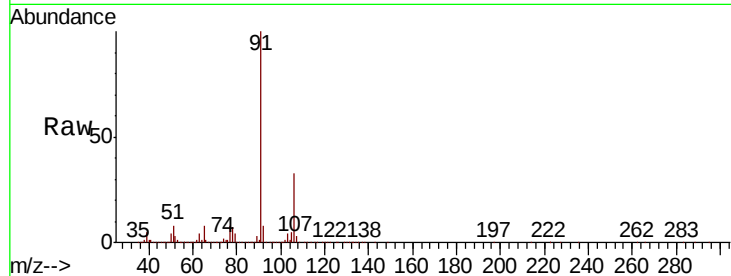
VSTDCCC050

Tot Ion: 91 Resp: 1720374

Ion Ratio Lower Upper

91 100

106 32.6 26.4 39.6



#68

m/p-Xylenes

Concen: 103.373 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX006587.D

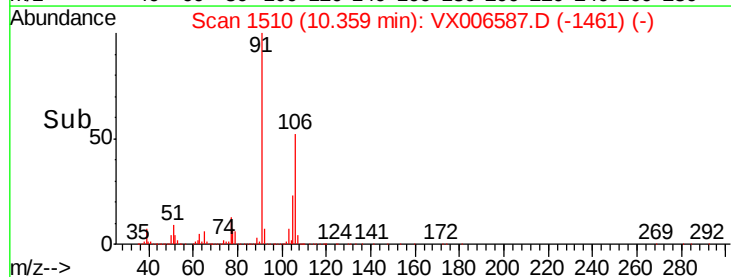
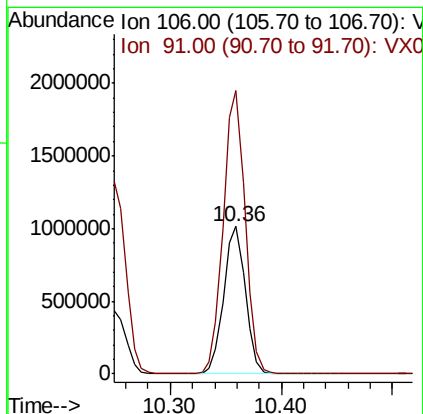
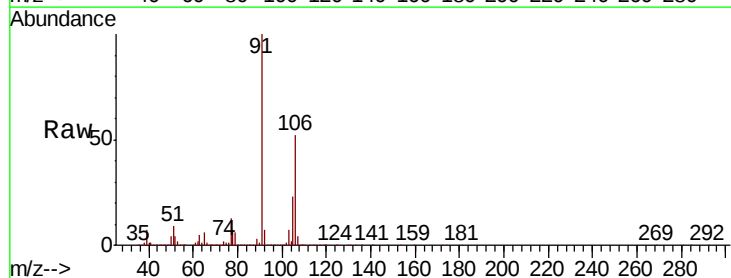
Acq: 18 Dec 2018 09:19

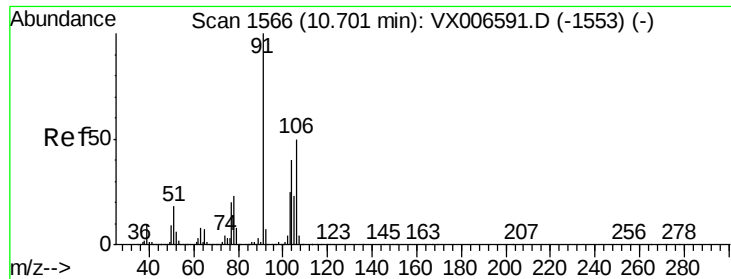
Tgt Ion: 106 Resp: 1368872

Ion Ratio Lower Upper

106 100

91 193.9 155.8 233.6

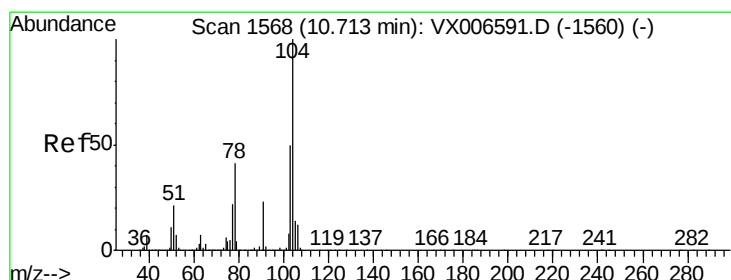
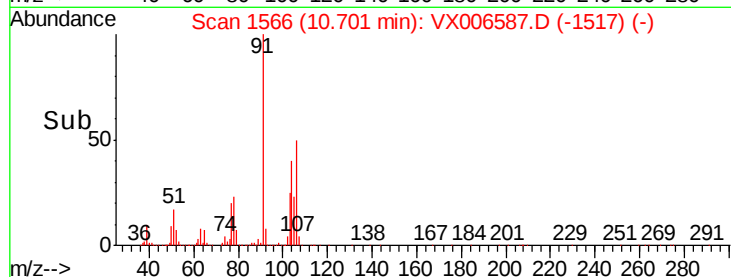
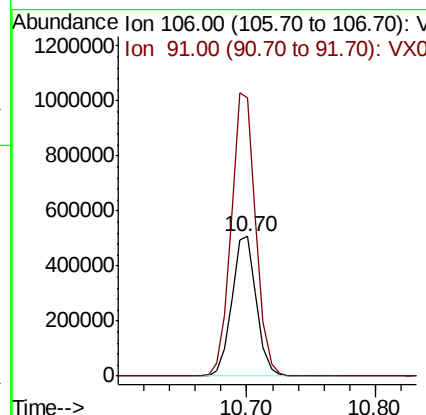
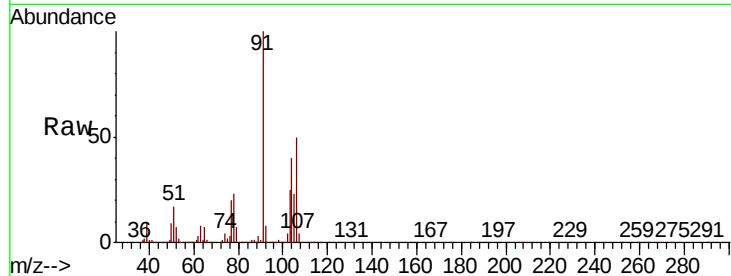




#69
o-Xylene
Concen: 51.831 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

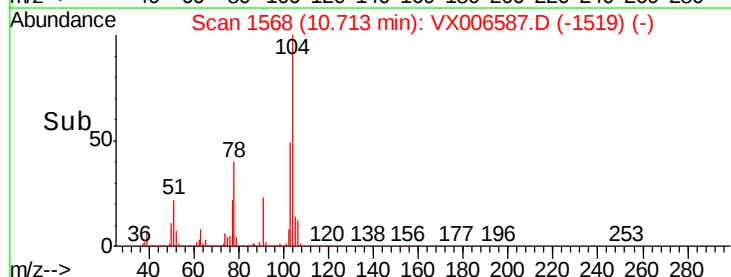
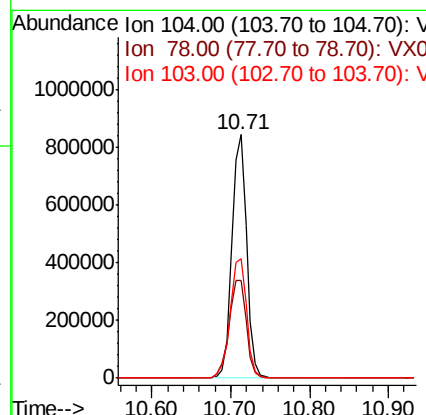
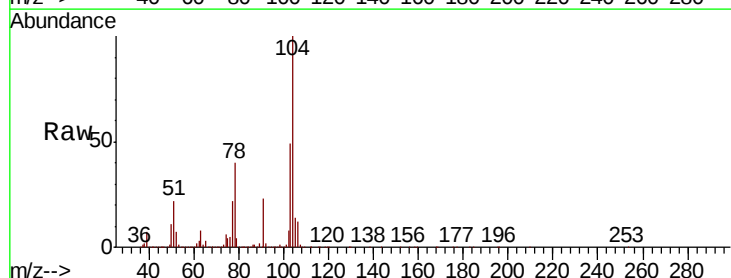
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

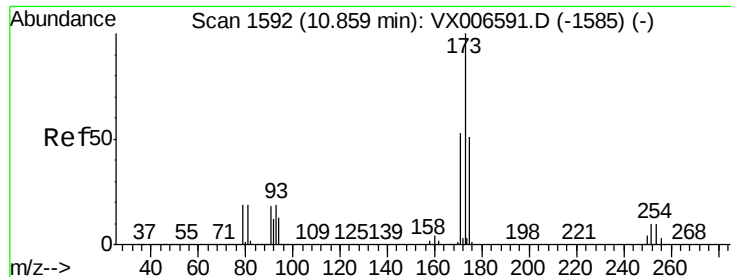
Tot Ion:106 Resp: 677752
Ion Ratio Lower Upper
106 100
91 202.6 101.3 303.7



#70
Styrene
Concen: 52.689 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

Tgt Ion:104 Resp: 1090000
Ion Ratio Lower Upper
104 100
78 47.2 37.7 56.5
103 55.1 43.8 65.8

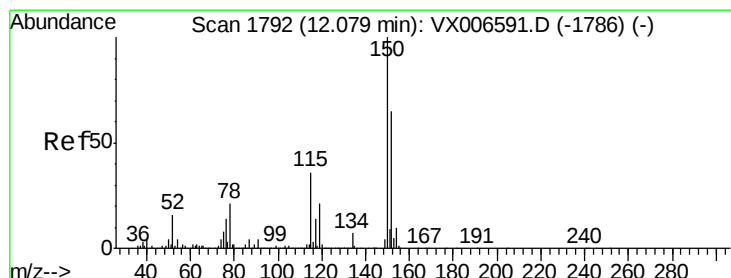
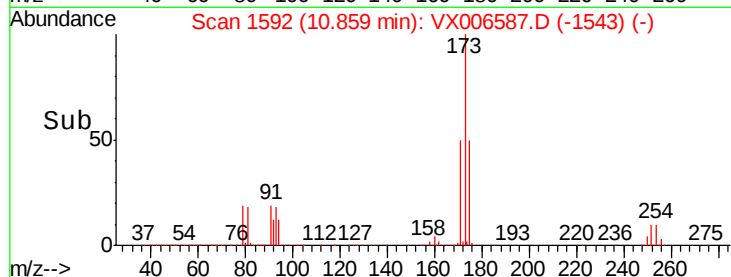
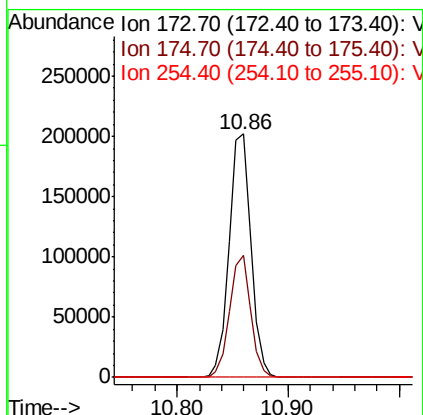
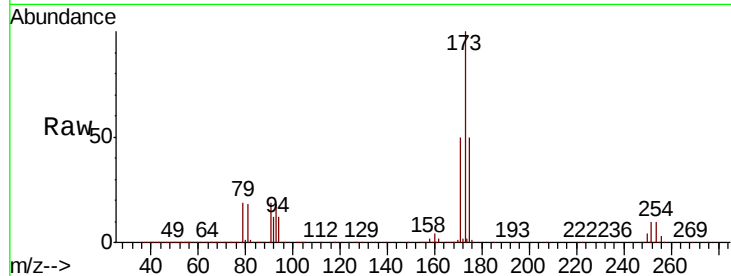




#71
Bromoform
Concen: 56.317 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

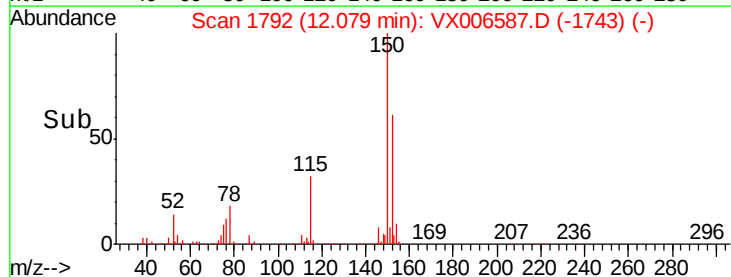
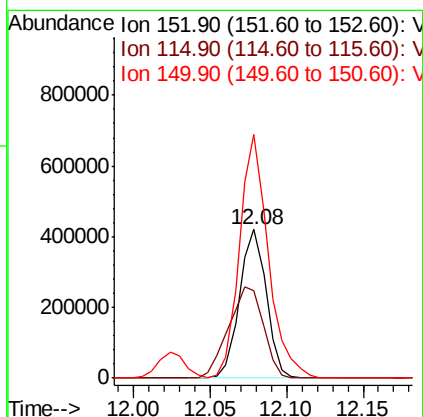
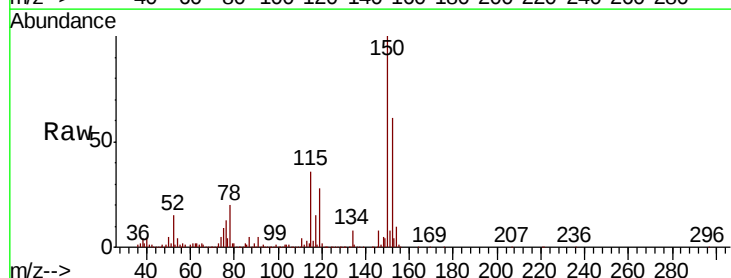
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

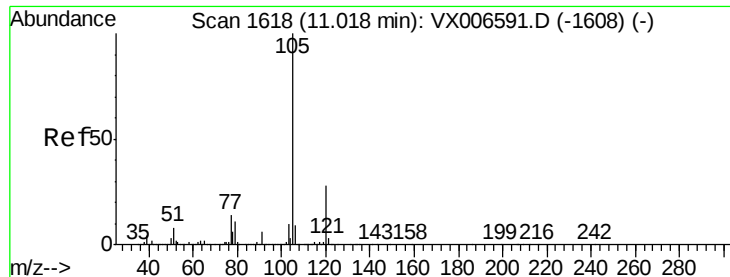
Tot Ion:173 Resp: 274716
Ion Ratio Lower Upper
173 100
175 48.3 24.7 74.1
254 0.2 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

Tgt Ion:152 Resp: 510578
Ion Ratio Lower Upper
152 100
115 79.9 39.1 117.2
150 175.8 0.0 344.8





#73

Isopropylbenzene

Concen: 51.816 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

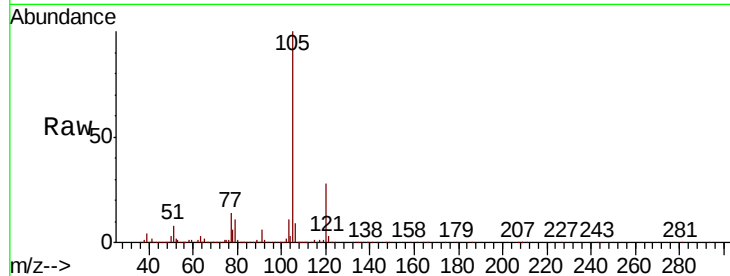
VSTDCCC050

Tot Ion:105 Resp: 1809920

Ion Ratio Lower Upper

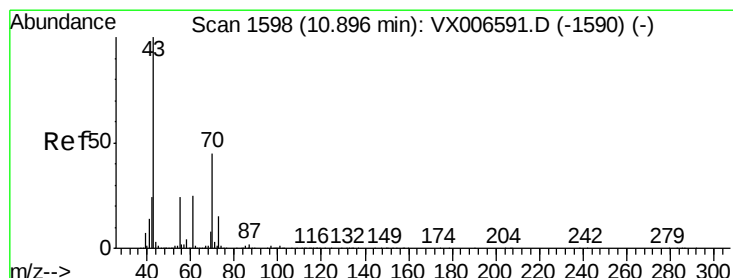
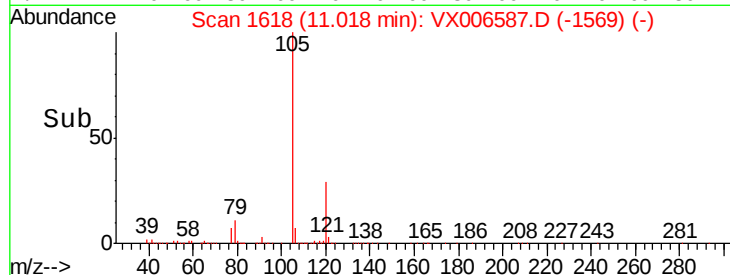
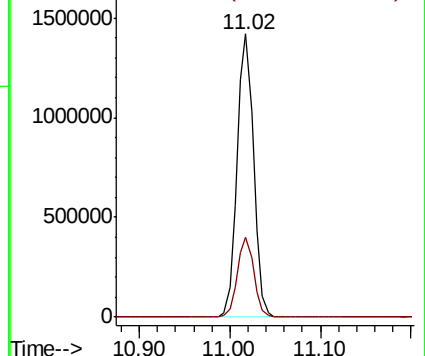
105 100

120 28.0 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: 51.044 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Tgt Ion: 43 Resp: 638195

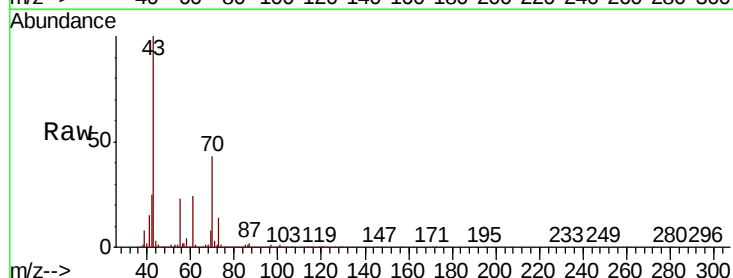
Ion Ratio Lower Upper

43 100

70 44.1 35.8 53.8

55 24.0 19.4 29.0

61 25.1 20.1 30.1

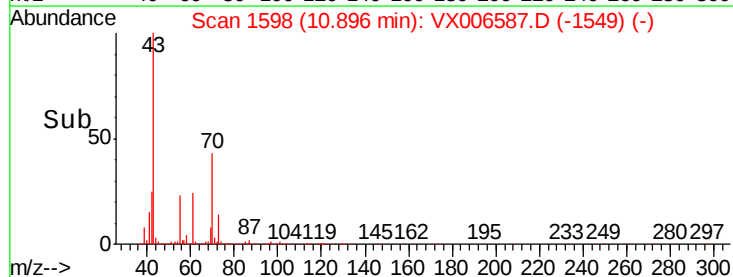
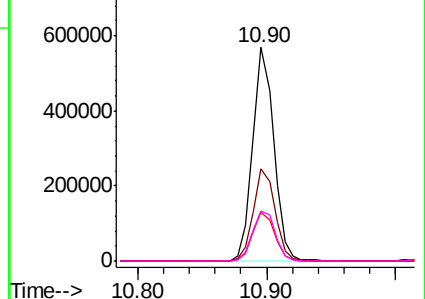


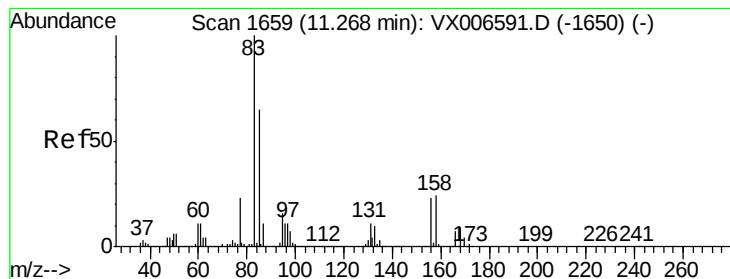
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 50.213 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

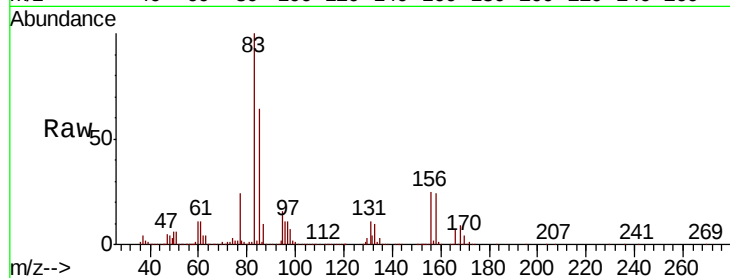
Tot Ion: 83 Resp: 521621

Ion Ratio Lower Upper

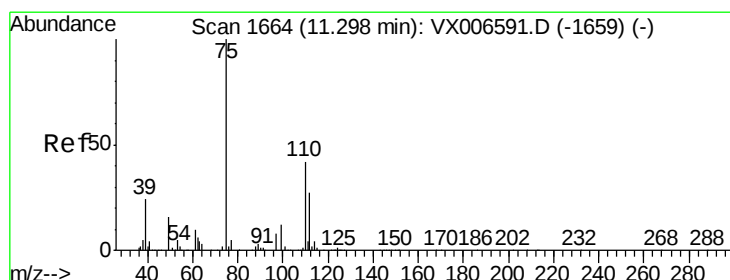
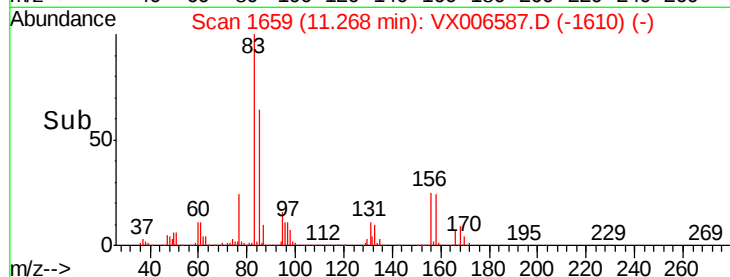
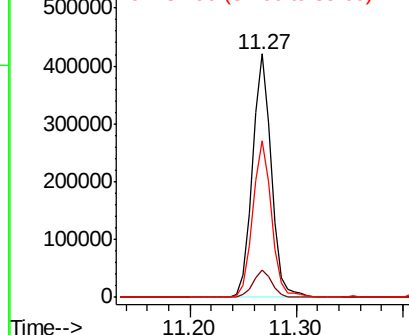
83 100

131 11.4 5.7 17.1

85 64.5 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 65.062 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006587.D

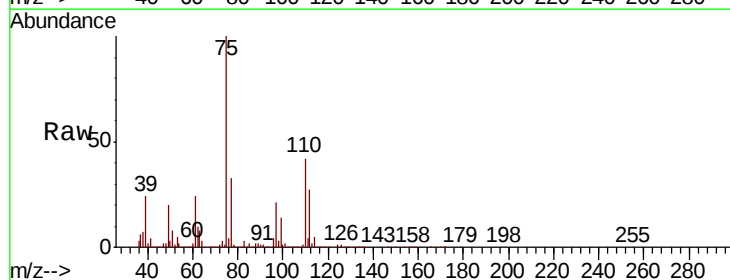
Acq: 18 Dec 2018 09:19

Tgt Ion: 75 Resp: 588471

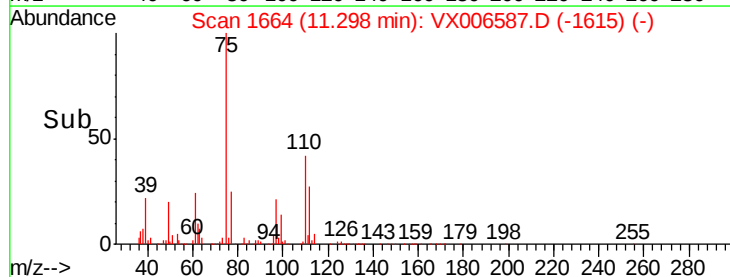
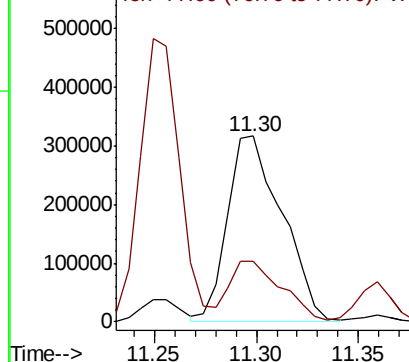
Ion Ratio Lower Upper

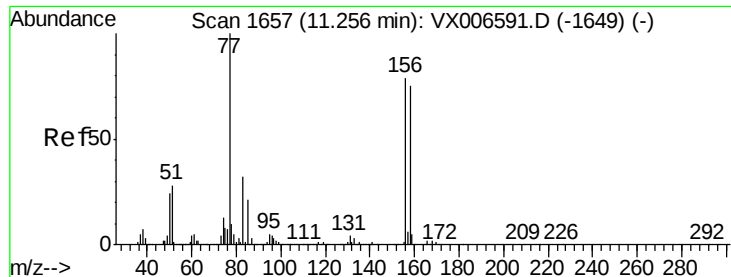
75 100

77 30.9 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: 51.358 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

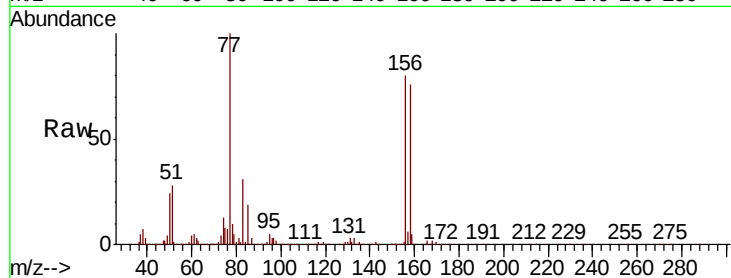
Tot Ion:156 Resp: 484991

Ion Ratio Lower Upper

156 100

77 133.9 68.0 204.0

158 96.9 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

600000

500000

400000

300000

200000

100000

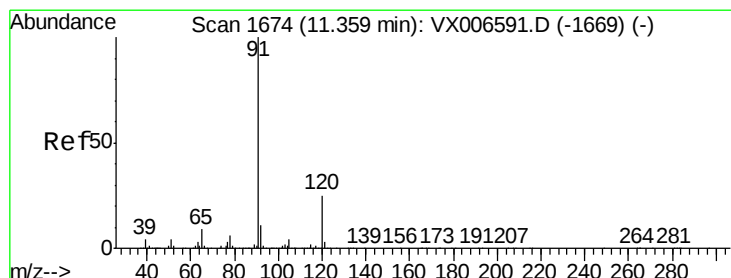
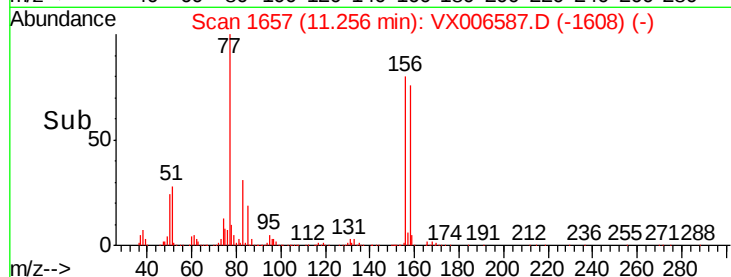
0

11.26

11.30

11.40

Time-->



#78

n-propylbenzene

Concen: 52.561 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006587.D

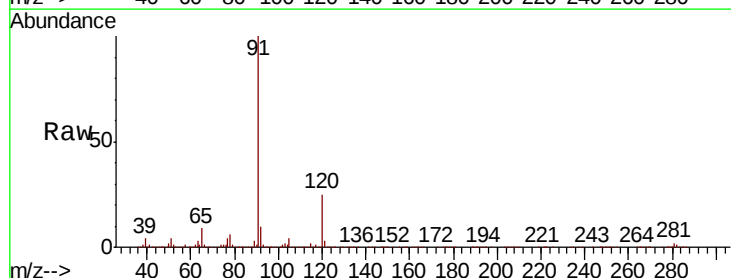
Acq: 18 Dec 2018 09:19

Tgt Ion: 91 Resp: 2021747

Ion Ratio Lower Upper

91 100

120 25.3 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

2000000

1500000

1000000

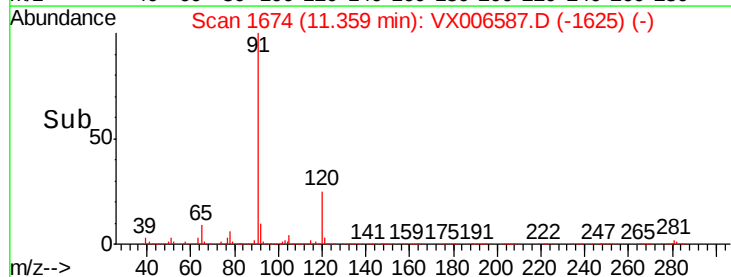
500000

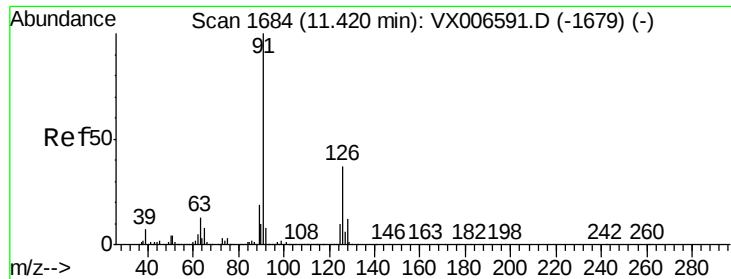
0

11.36

11.40

Time-->





#79

2-Chlorotoluene

Concen: 50.656 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

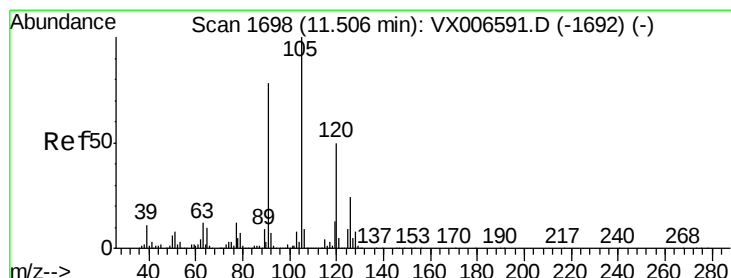
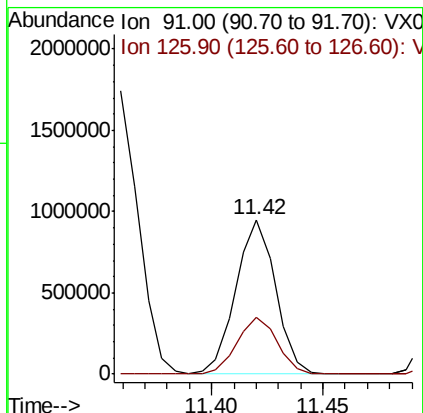
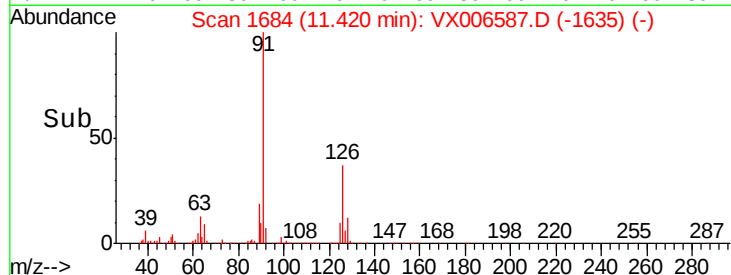
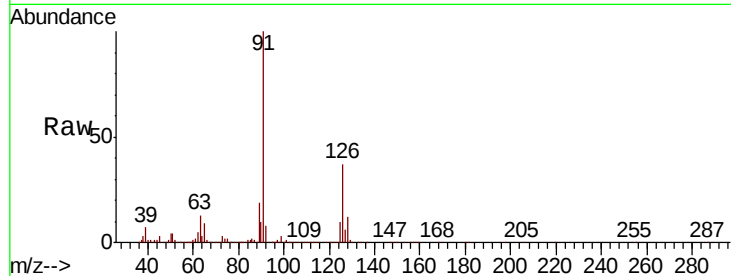
VSTDCCC050

Tot Ion: 91 Resp: 1180786

Ion Ratio Lower Upper

91 100

126 37.3 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 52.161 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006587.D

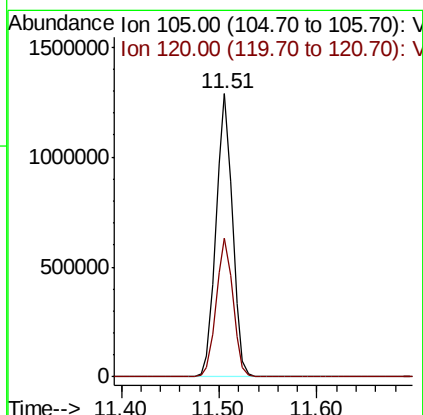
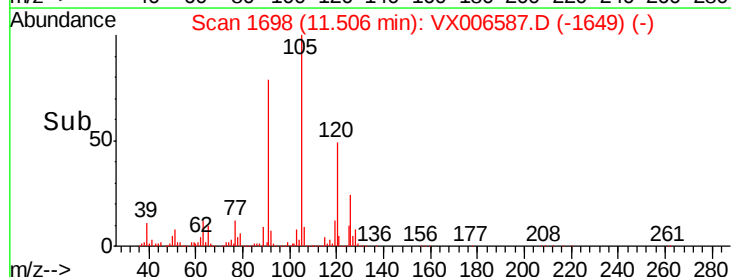
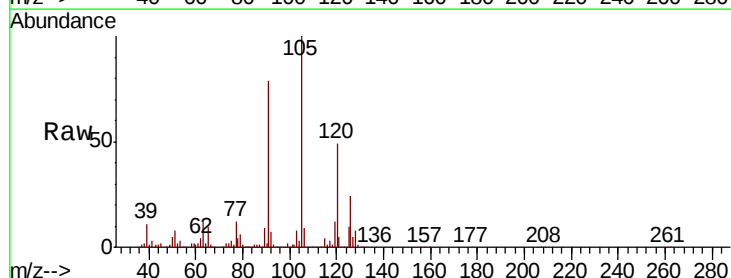
Acq: 18 Dec 2018 09:19

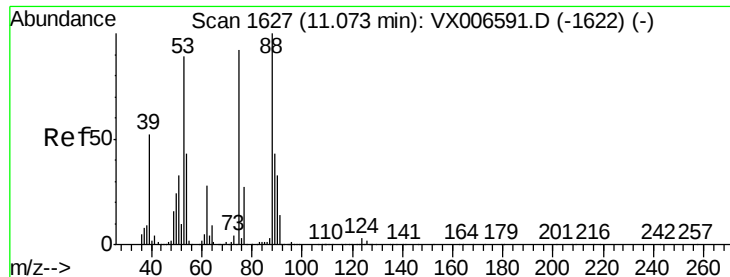
Tgt Ion:105 Resp: 1500675

Ion Ratio Lower Upper

105 100

120 49.9 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 55.655 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

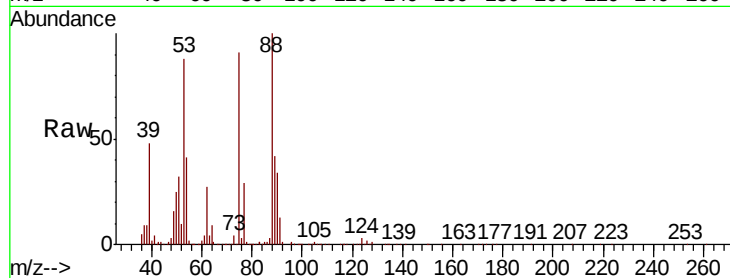
Tot Ion: 75 Resp: 147434

Ion Ratio Lower Upper

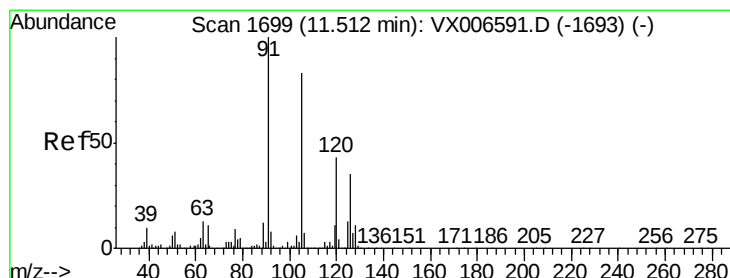
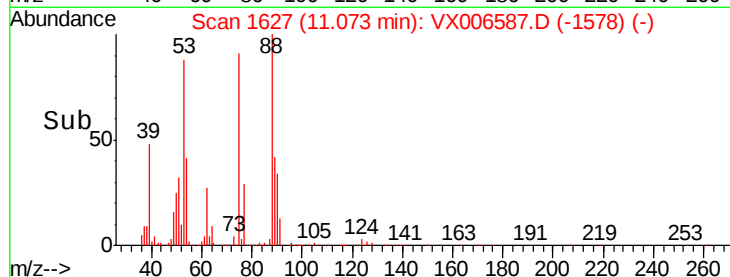
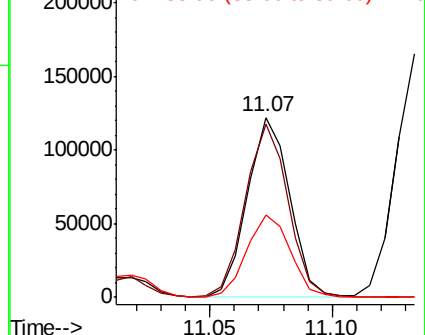
75 100

53 97.3 79.7 119.5

89 47.8 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: 51.201 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006587.D

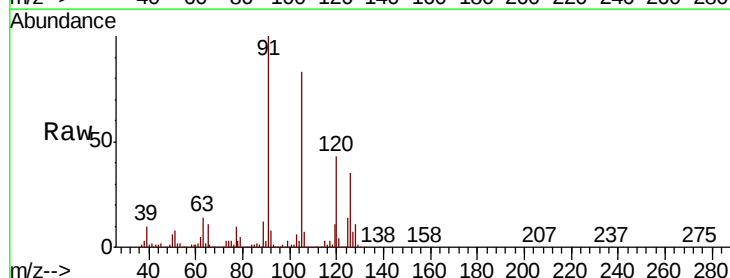
Acq: 18 Dec 2018 09:19

Tgt Ion: 91 Resp: 1369006

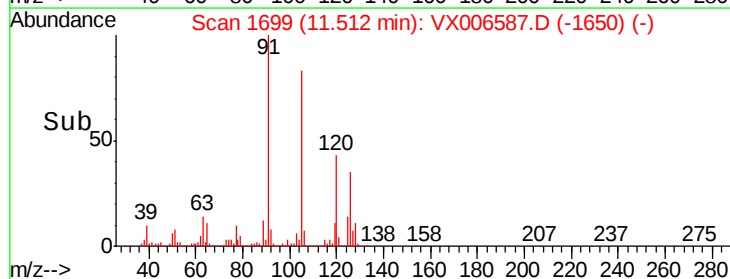
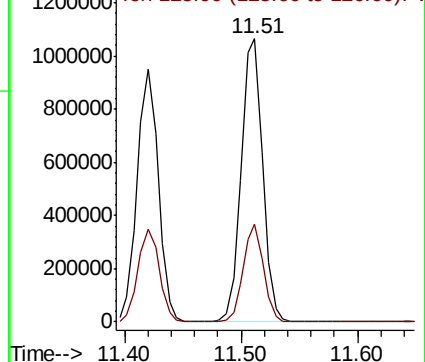
Ion Ratio Lower Upper

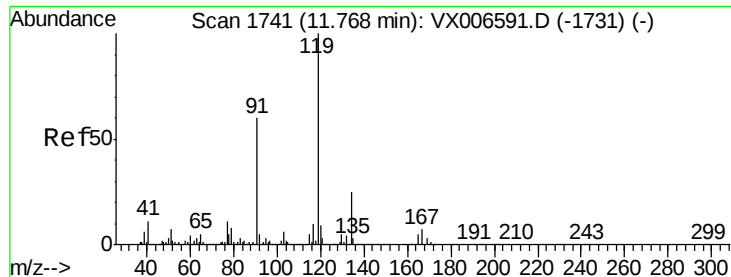
91 100

126 32.7 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: 52.838 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

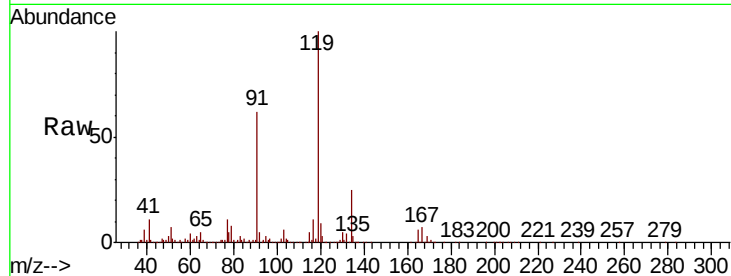
Tot Ion:119 Resp: 1521449

Ion Ratio Lower Upper

119 100

91 55.9 27.7 83.1

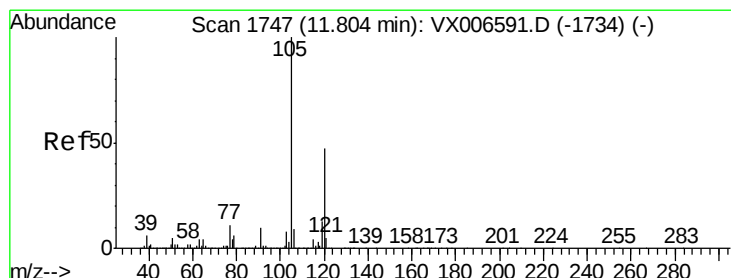
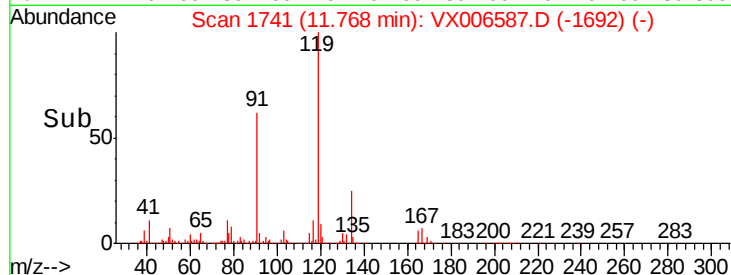
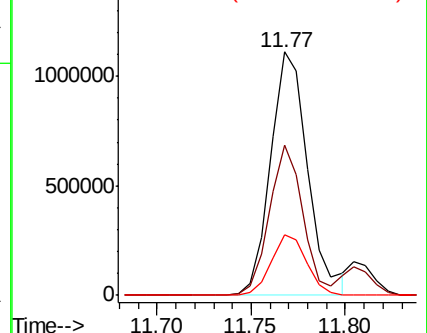
134 23.8 11.9 35.5



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: 50.325 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX006587.D

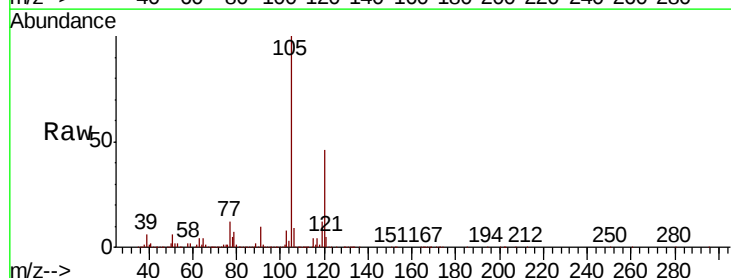
Acq: 18 Dec 2018 09:19

Tgt Ion:105 Resp: 1522904

Ion Ratio Lower Upper

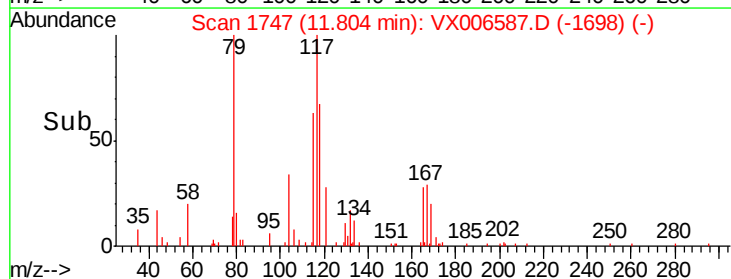
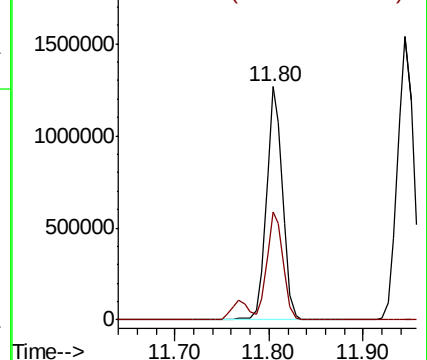
105 100

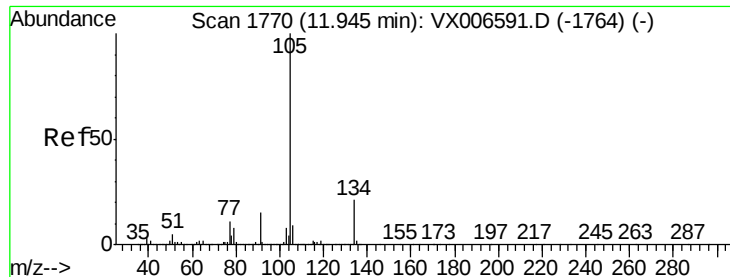
120 46.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 52.347 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

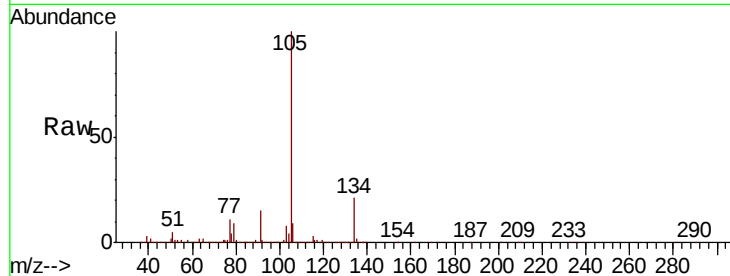
VSTDCCC050

Tot Ion:105 Resp: 1848055

Ion Ratio Lower Upper

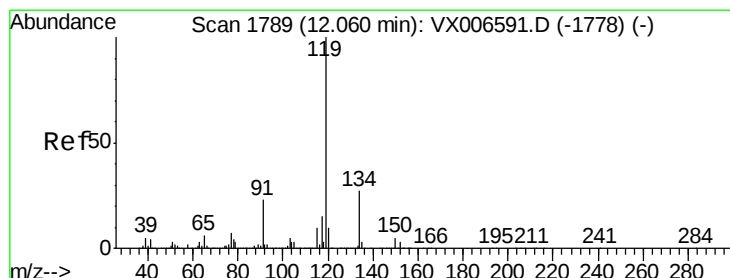
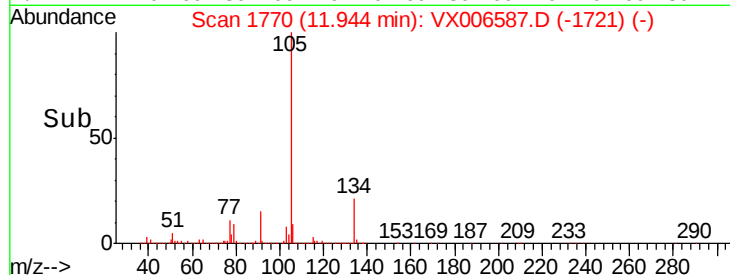
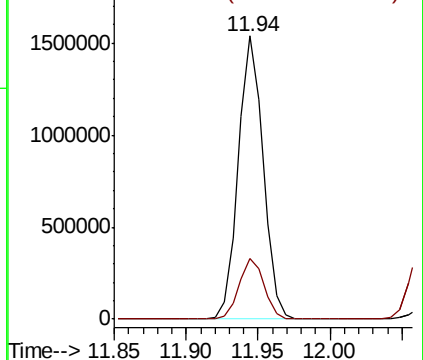
105 100

134 21.6 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 53.563 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

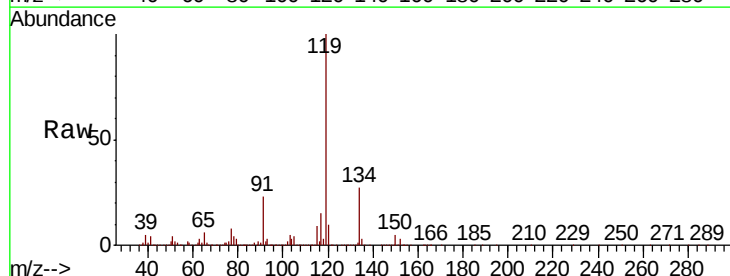
Tgt Ion:119 Resp: 1662234

Ion Ratio Lower Upper

119 100

134 27.7 14.0 41.9

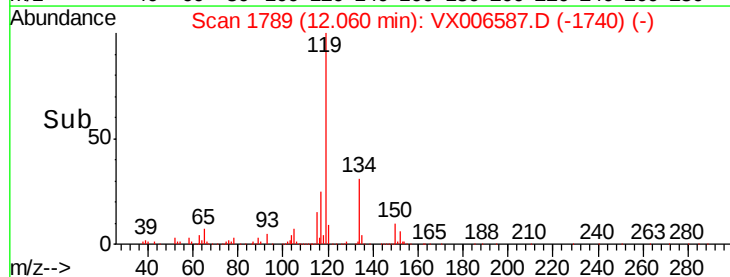
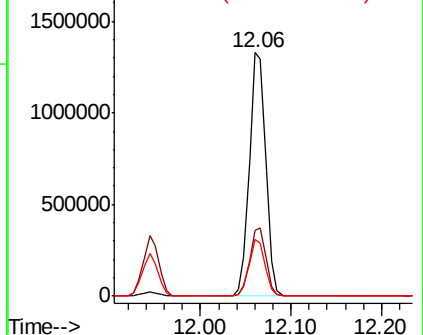
91 22.7 11.3 33.9

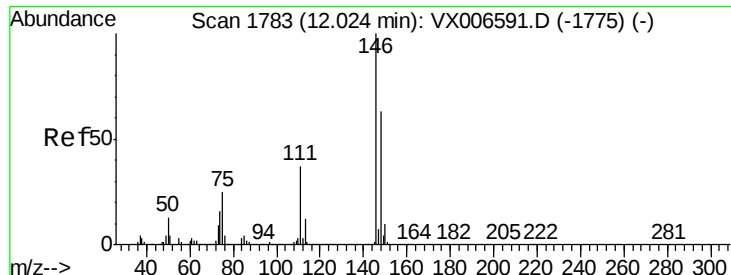


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

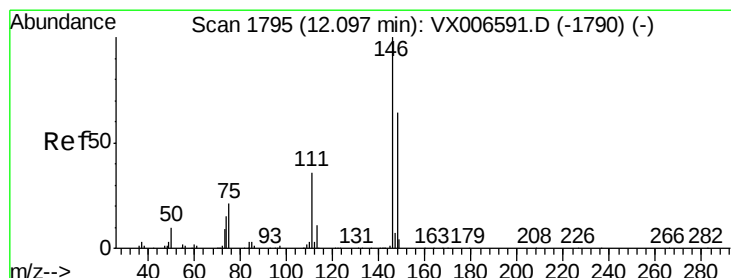
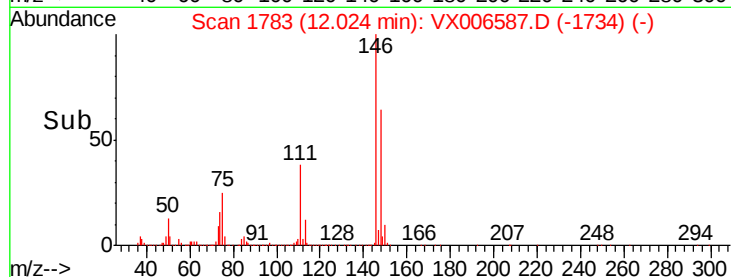
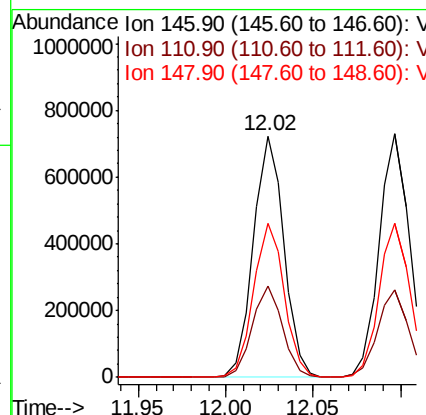
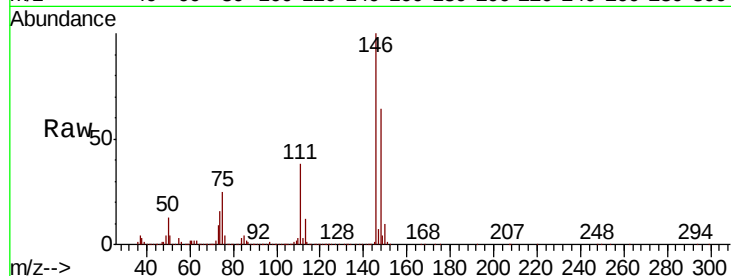




#87
 1,3-Dichlorobenzene
 Concen: 51.654 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX006587.D
 Acq: 18 Dec 2018 09:19

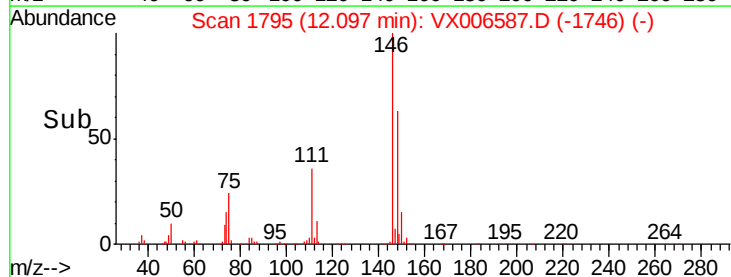
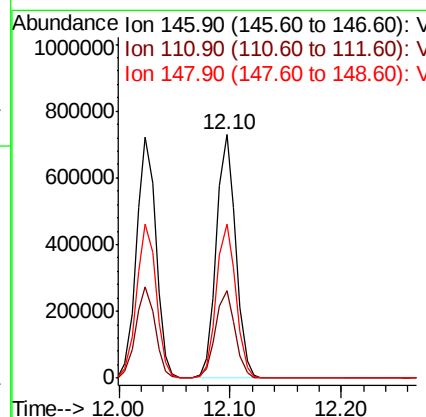
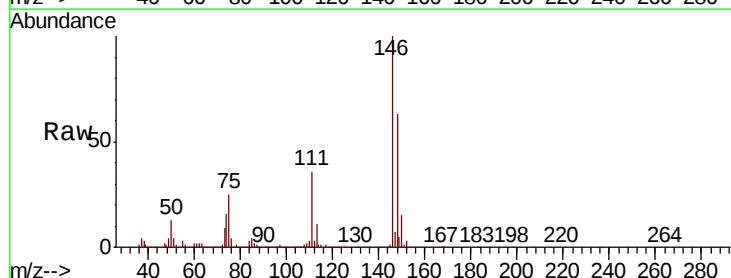
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

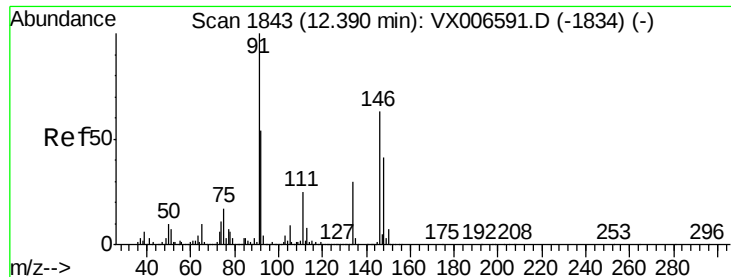
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.6	55.8
148	64.2	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 50.305 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX006587.D
 Acq: 18 Dec 2018 09:19

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.5	18.1	54.1
148	64.0	31.9	95.9

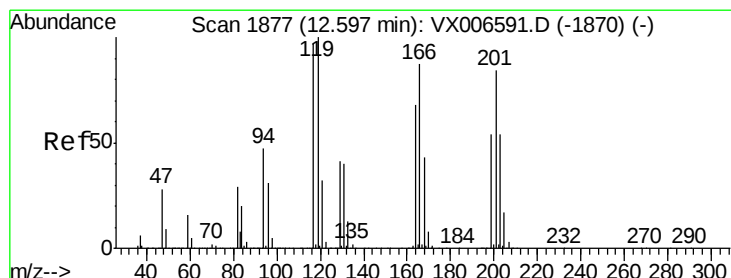
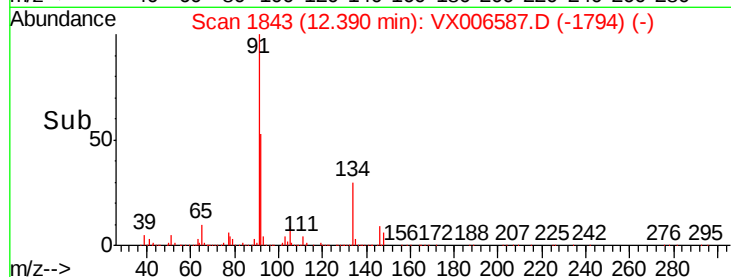
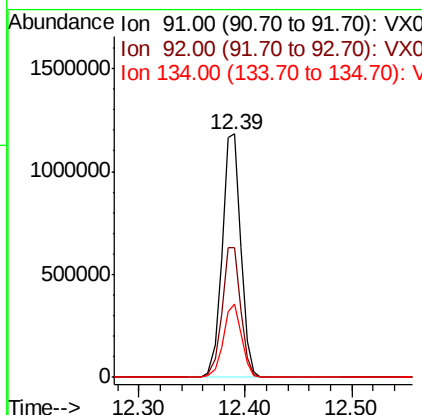
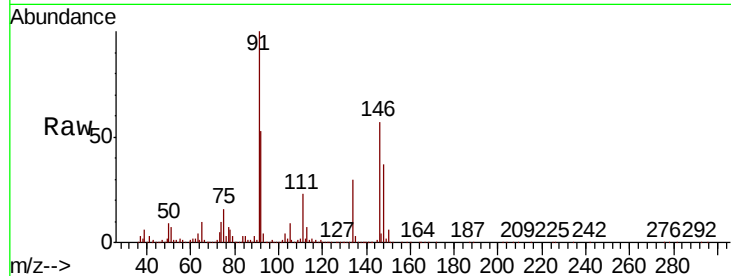




#89
n-Butylbenzene
Concen: 54.678 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

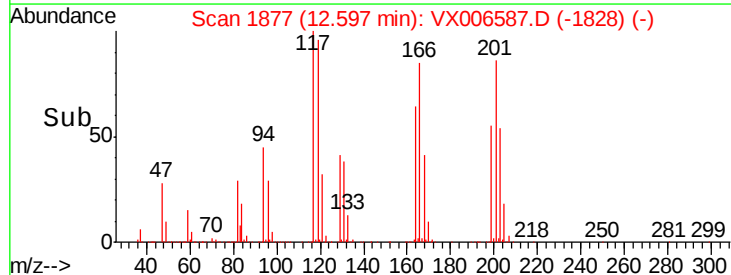
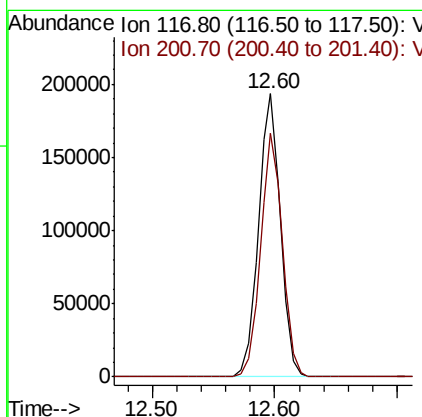
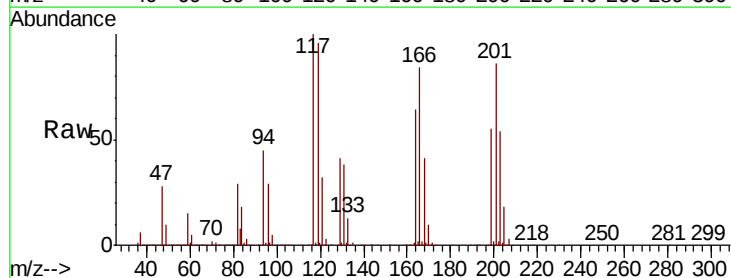
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

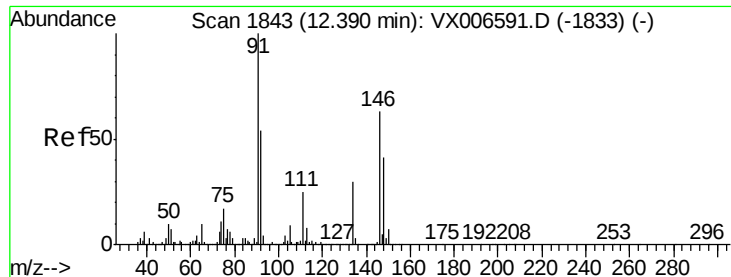
Tot Ion: 91 Resp: 1444111
Ion Ratio Lower Upper
91 100
92 53.5 26.8 80.4
134 29.2 14.4 43.2



#90
Hexachloroethane
Concen: 57.298 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006587.D
Acq: 18 Dec 2018 09:19

Tgt Ion: 117 Resp: 242223
Ion Ratio Lower Upper
117 100
201 85.5 42.9 128.7





#91

1,2-Dichlorobenzene

Concen: 49.930 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

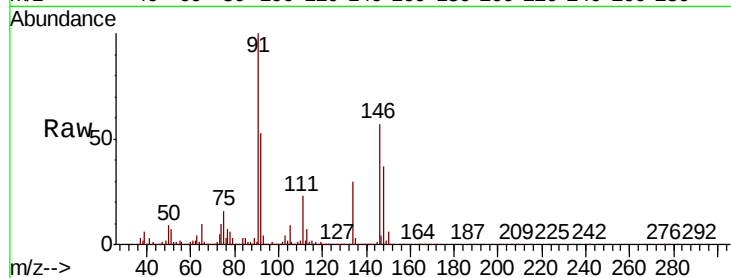
Tot Ion:146 Resp: 850071

Ion Ratio Lower Upper

146 100

111 38.7 19.4 58.2

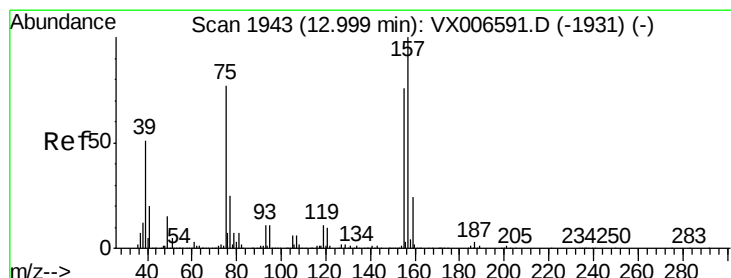
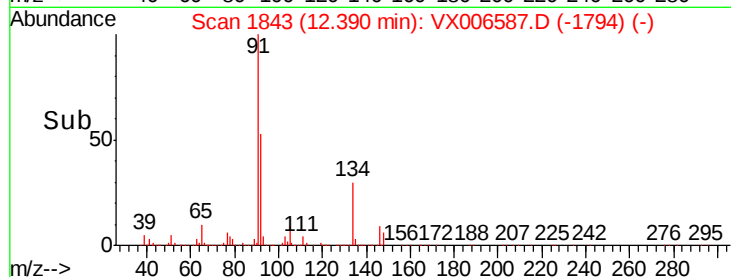
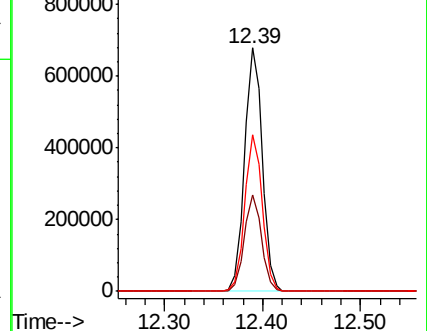
148 63.5 32.3 96.9



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.214 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

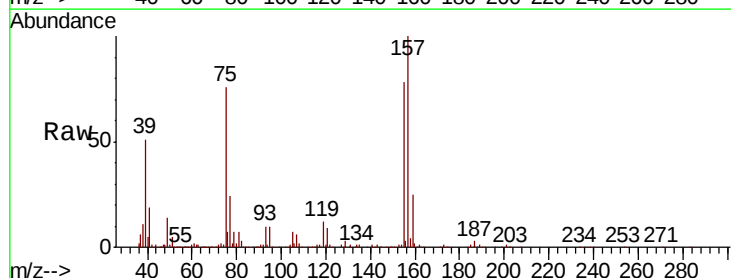
Tgt Ion: 75 Resp: 107932

Ion Ratio Lower Upper

75 100

155 99.6 50.6 151.8

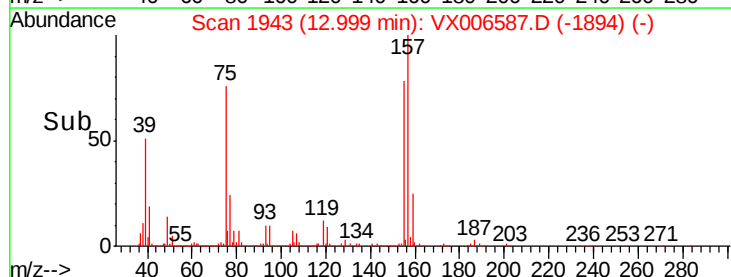
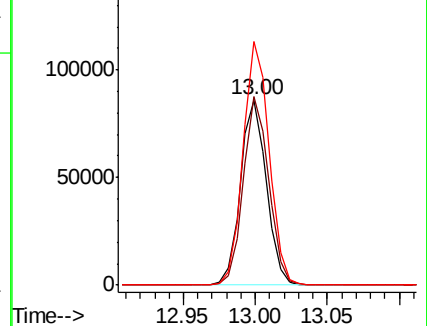
157 131.7 64.6 193.8

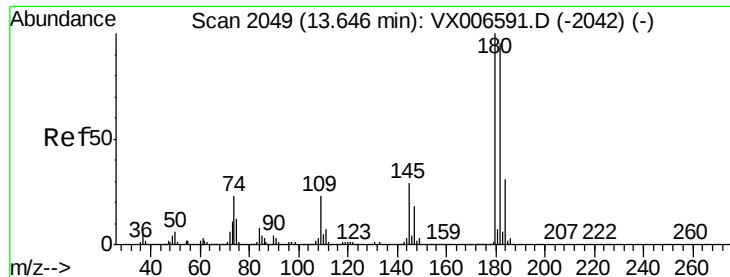


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

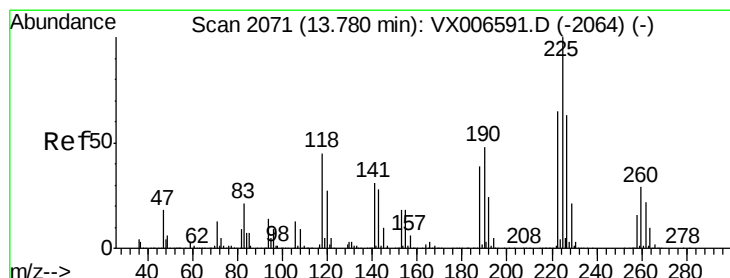
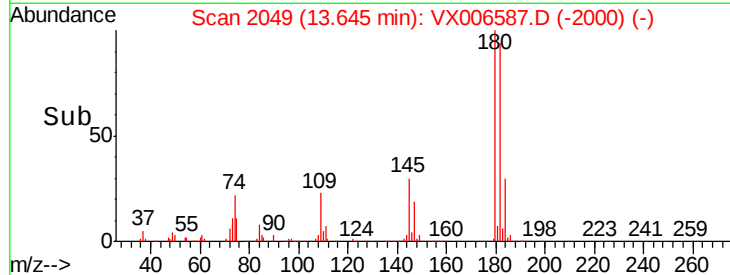
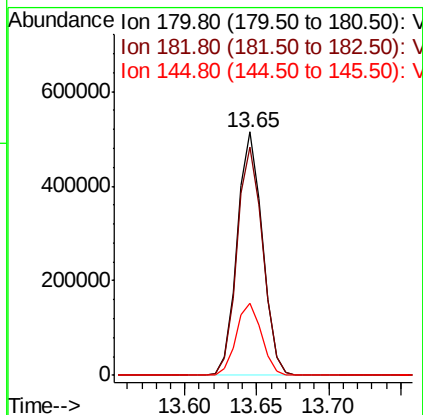
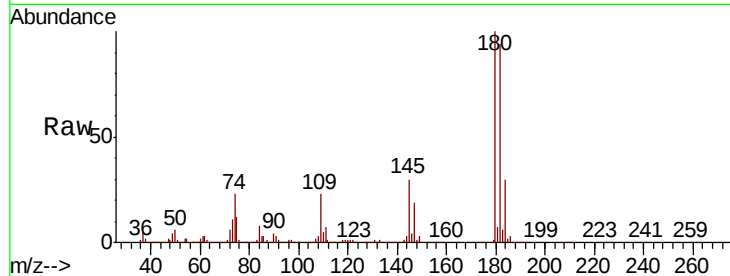




#93
 1,2,4-Trichlorobenzene
 Concen: 53.438 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006587.D
 Acq: 18 Dec 2018 09:19

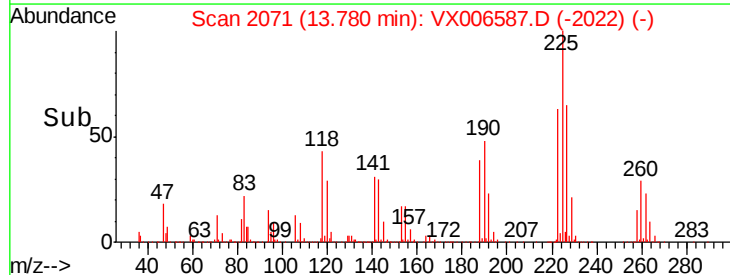
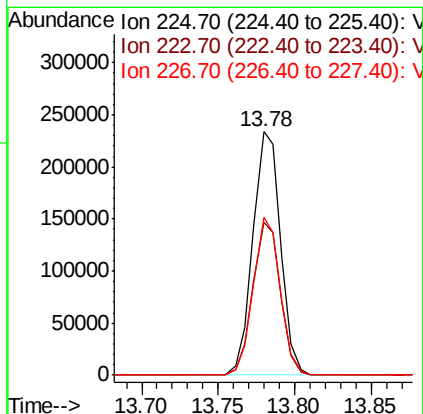
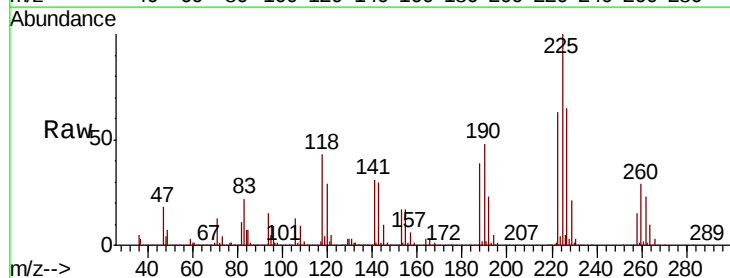
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

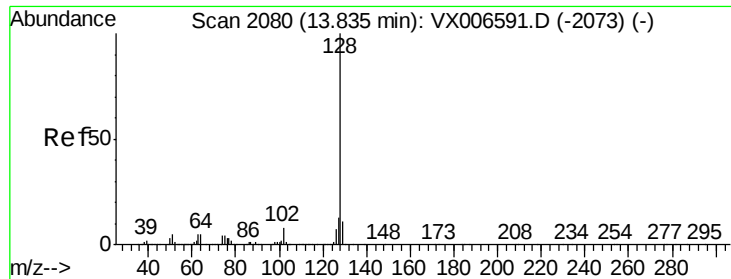
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.6	47.3	142.0
145	30.0	14.8	44.3



#94
 Hexachlorobutadiene
 Concen: 53.158 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX006587.D
 Acq: 18 Dec 2018 09:19

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.3	32.1	96.3
227	62.9	32.3	96.8





#95

Naphthalene

Concen: 49.567 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Instrument :

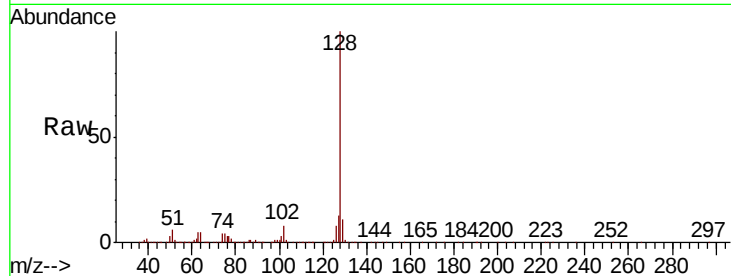
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion:128 Resp: 1857895

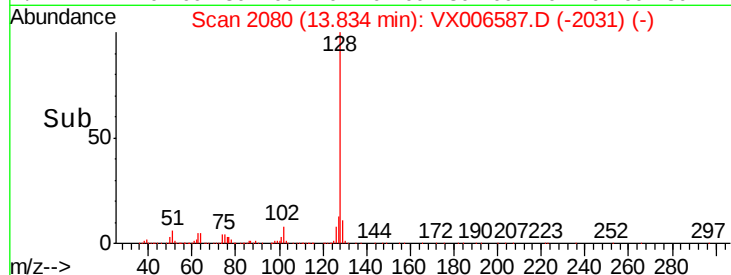
Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.1	15.1
129	11.0	8.6	13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

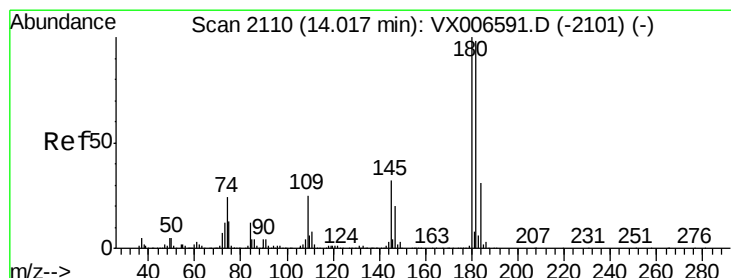
Ion 129.00 (128.70 to 129.70): V



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: 51.112 ug/l

RT: 14.02 min Scan# 2110

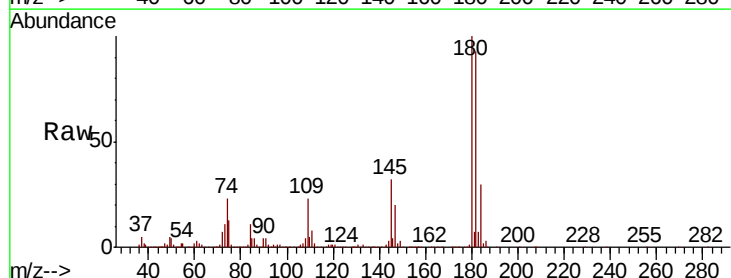
Delta R.T. -0.00 min

Lab File: VX006587.D

Acq: 18 Dec 2018 09:19

Tgt Ion:180 Resp: 619754

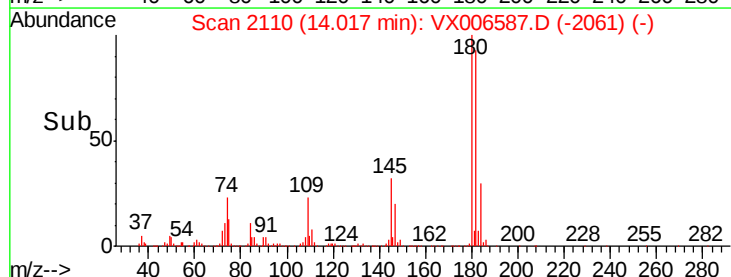
Ion	Ratio	Lower	Upper
180	100		
182	95.2	48.5	145.5
145	31.6	16.0	47.9



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



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