

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006240.D
 Acq On : 30 Nov 2018 19:36
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Nov 30 22:26:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	749358	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1120942	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1022538	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	524164	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	378186	49.44	ug/l	0.00
Spiked Amount			Recovery	=	98.88%	
35) Dibromofluoromethane	5.51	113	359903	49.59	ug/l	0.00
Spiked Amount			Recovery	=	99.18%	
50) Toluene-d8	8.71	98	1300760	49.27	ug/l	0.00
Spiked Amount			Recovery	=	98.54%	
62) 4-Bromofluorobenzene	11.14	95	491885	49.45	ug/l	0.00
Spiked Amount			Recovery	=	98.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	383351	52.247	ug/l	99
3) Chloromethane	1.33	50	366207	48.569	ug/l	97
4) Vinyl Chloride	1.41	62	405741	49.999	ug/l	99
5) Bromomethane	1.64	94	276000	49.076	ug/l	97
6) Chloroethane	1.72	64	261589	52.574	ug/l	99
7) Trichlorofluoromethane	1.93	101	610255	48.990	ug/l	99
8) Diethyl Ether	2.19	74	228650	48.500	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	340034	48.006	ug/l	100
10) Methyl Iodide	2.51	142	545235	51.078	ug/l	100
11) Tert butyl alcohol	3.07	59	488059	233.294	ug/l	100
12) 1,1-Dichloroethene	2.37	96	323684	47.736	ug/l	97
13) Acrolein	2.30	56	246130	215.256	ug/l	99
14) Allyl chloride	2.73	41	636196	47.497	ug/l	100
15) Acrylonitrile	3.15	53	1052130	241.007	ug/l	100
16) Acetone	2.45	43	885298	246.603	ug/l	100
17) Carbon Disulfide	2.57	76	988924	47.330	ug/l	98
18) Methyl Acetate	2.78	43	587050	48.898	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	1178490	48.720	ug/l	100
20) Methylene Chloride	2.86	84	360921	47.239	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	347951	48.153	ug/l	96
22) Diisopropyl ether	3.87	45	1038683	49.646	ug/l	99
23) Vinyl Acetate	3.82	43	4436383	248.615	ug/l	100
24) 1,1-Dichloroethane	3.70	63	608220	50.862	ug/l	99
25) 2-Butanone	4.70	43	1273506	248.616	ug/l	100
26) 2,2-Dichloropropane	4.59	77	502335	45.517	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	401408	49.802	ug/l	98
28) Bromochloromethane	5.03	49	268467	51.398	ug/l	99
29) Tetrahydrofuran	5.15	42	860589	241.735	ug/l	99
30) Chloroform	5.22	83	622949	49.572	ug/l	97
31) Cyclohexane	5.57	56	528665	47.837	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	589414	49.296	ug/l	100
36) 1,1-Dichloropropene	5.80	75	458165	48.537	ug/l	100
37) Ethyl Acetate	4.85	43	503058	47.589	ug/l	99
38) Carbon Tetrachloride	5.78	117	549032	49.441	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
 Data File : VX006240.D
 Acq On : 30 Nov 2018 19:36
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Quant Time: Nov 30 22:26:13 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	586116	47.835	ug/l	100
40) Benzene	6.14	78	1398906	49.480	ug/l	99
41) Methacrylonitrile	5.06	41	275845	47.423	ug/l	99
42) 1,2-Dichloroethane	6.20	62	461784	49.907	ug/l	100
43) Isopropyl Acetate	6.46	43	843195	47.841	ug/l	99
44) Trichloroethene	7.21	130	425405	49.669	ug/l	97
45) 1,2-Dichloropropane	7.51	63	353754	49.232	ug/l	99
46) Dibromomethane	7.66	93	257189	49.560	ug/l	99
47) Bromodichloromethane	7.90	83	498897	49.644	ug/l	99
48) Methyl methacrylate	7.77	41	418208	48.775	ug/l	99
49) 1,4-Dioxane	7.75	88	202123	956.450	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2479613	241.672	ug/l	99
52) Toluene	8.79	92	917273	49.315	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	566149	48.171	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	592220	48.526	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	380949	50.414	ug/l	99
56) Ethyl methacrylate	9.18	69	581122	49.193	ug/l	99
57) 1,3-Dichloropropane	9.37	76	598163	50.060	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1435620	239.487	ug/l	100
59) 2-Hexanone	9.49	43	1863410	237.715	ug/l	100
60) Dibromochloromethane	9.59	129	460700	49.443	ug/l	99
61) 1,2-Dibromoethane	9.67	107	418277	49.505	ug/l	99
64) Tetrachloroethene	9.34	164	394160	51.185	ug/l	96
65) Chlorobenzene	10.14	112	1069795	49.285	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	418852	49.664	ug/l	100
67) Ethyl Benzene	10.25	91	1767041	48.946	ug/l	99
68) m/p-Xylenes	10.36	106	1406281	97.244	ug/l	99
69) o-Xylene	10.70	106	690218	48.320	ug/l	98
70) Styrene	10.71	104	1132134	49.004	ug/l	99
71) Bromoform	10.86	173	390636	49.067	ug/l	99
73) Isopropylbenzene	11.02	105	1823580	50.378	ug/l	100
74) N-amyl acetate	10.90	43	744400	47.756	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	569067	49.140	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	689217	68.123	ug/l	86
77) Bromobenzene	11.26	156	504466	50.218	ug/l	99
78) n-propylbenzene	11.36	91	2026849	50.372	ug/l	100
79) 2-Chlorotoluene	11.42	91	1196664	50.037	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1505985	50.003	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	205696	47.712	ug/l	95
82) 4-Chlorotoluene	11.51	91	1382109	49.706	ug/l	100
83) tert-Butylbenzene	11.77	119	1601690	49.843	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	1537558	49.440	ug/l	100
85) sec-Butylbenzene	11.94	105	1841228	50.365	ug/l	100
86) p-Isopropyltoluene	12.07	119	1643746	49.933	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	886849	49.615	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	877011	48.340	ug/l	99
89) n-Butylbenzene	12.39	91	1393955	49.628	ug/l	100
90) Hexachloroethane	12.60	117	335186	49.959	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	874012	49.268	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	138418	46.628	ug/l	99

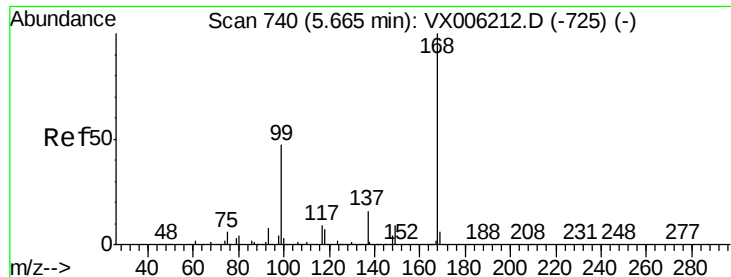
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX113018\
Data File : VX006240.D
Acq On : 30 Nov 2018 19:36
Operator : JC/MD
Sample : VSTDCCC050EC
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Quant Time: Nov 30 22:26:13 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	643284	49.703	ug/l	100
94) Hexachlorobutadiene	13.78	225	288204	50.353	ug/l	98
95) Naphthalene	13.83	128	1997450	49.615	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	640512	49.965	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

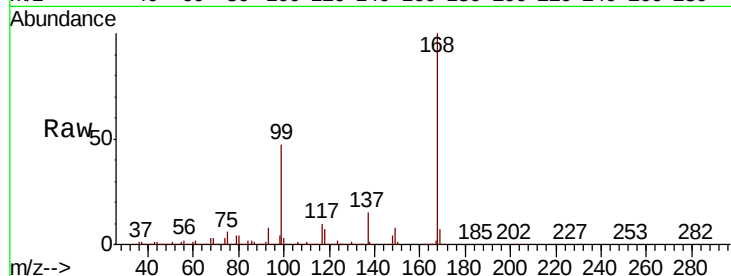
VSTDCCC050EC

Tot Ion:168 Resp: 749358

Ion Ratio Lower Upper

168 100

99 47.1 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

150000

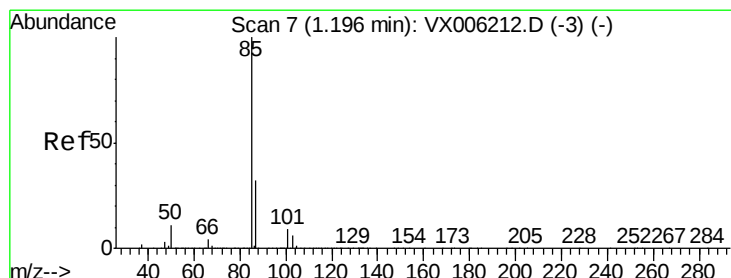
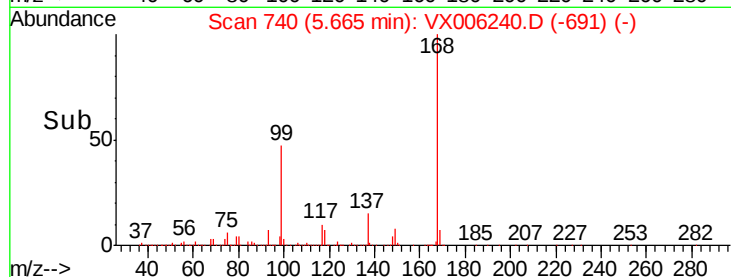
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 52.247 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX006240.D

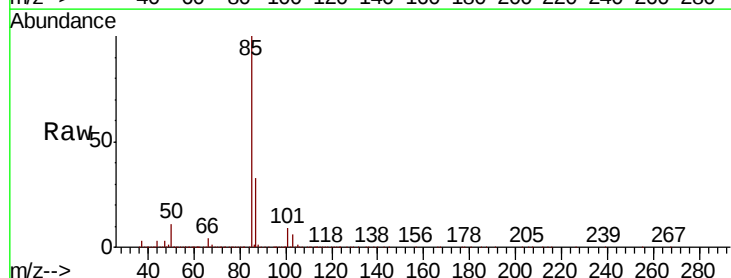
Acq: 30 Nov 2018 19:36

Tgt Ion: 85 Resp: 383351

Ion Ratio Lower Upper

85 100

87 32.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

400000

300000

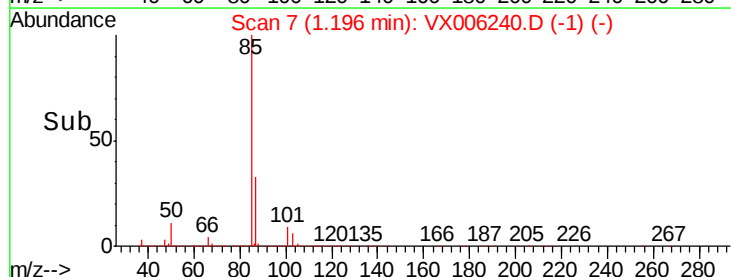
200000

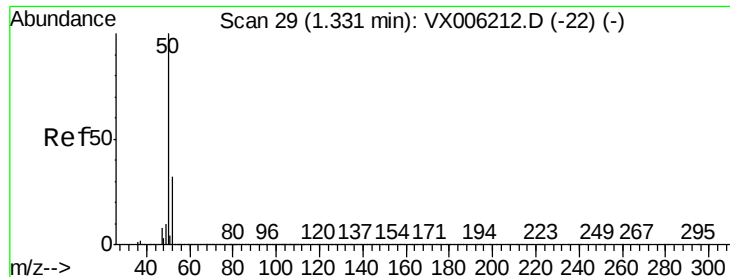
100000

0

Time-->

1.10 1.20 1.30

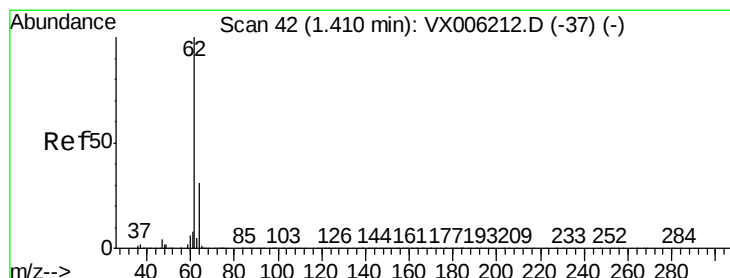
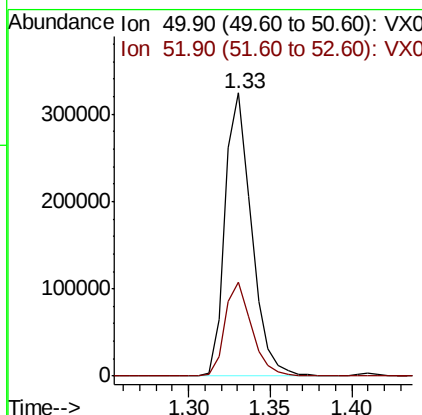
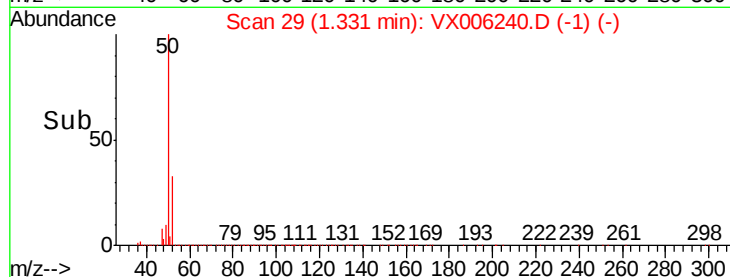
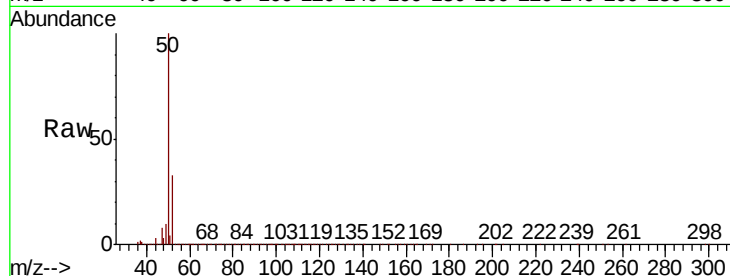




#3
Chloromethane
Concen: 48.569 ug/l
RT: 1.33 min Scan# 29
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

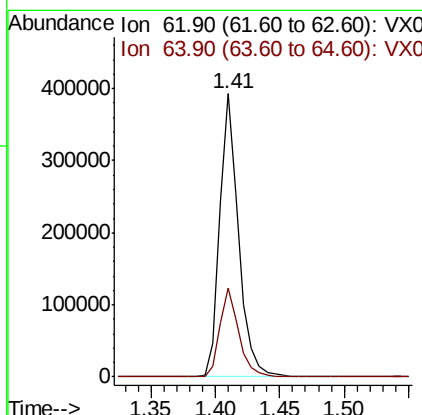
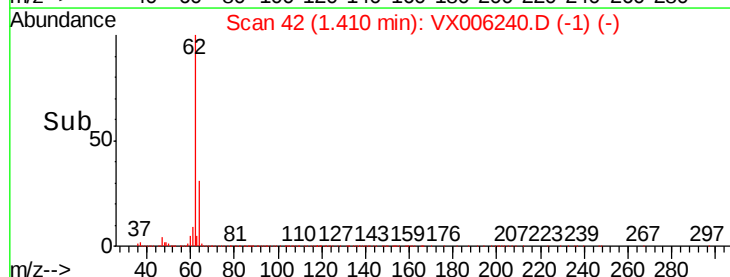
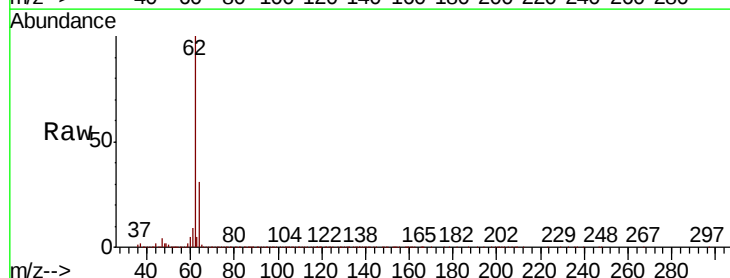
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

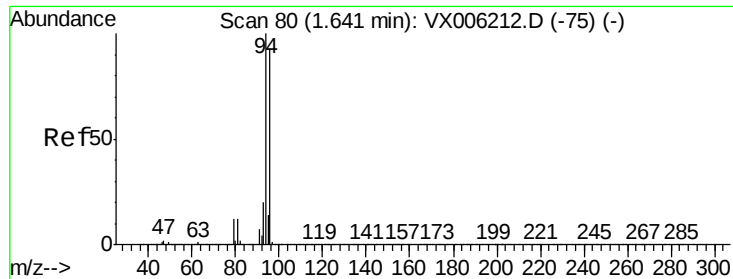
Tot Ion: 50 Resp: 366207
Ion Ratio Lower Upper
50 100
52 33.2 25.2 37.8



#4
Vinyl Chloride
Concen: 49.999 ug/l
RT: 1.41 min Scan# 42
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion: 62 Resp: 405741
Ion Ratio Lower Upper
62 100
64 31.4 24.9 37.3





#5

Bromomethane

Concen: 49.076 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

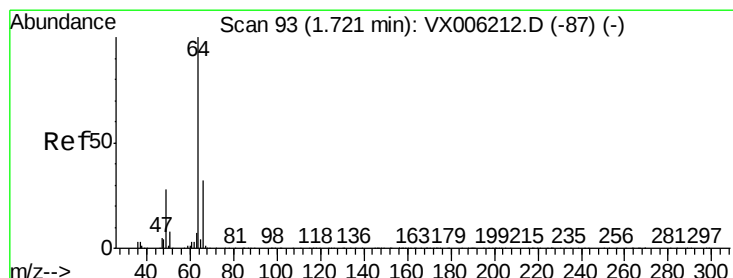
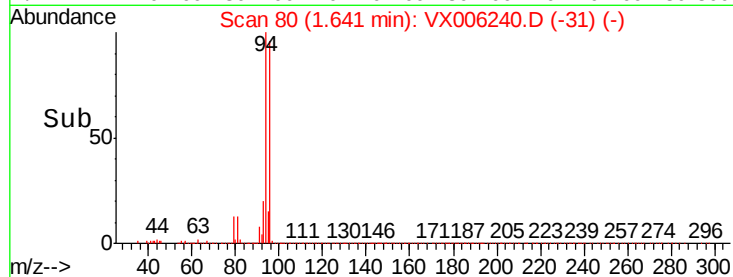
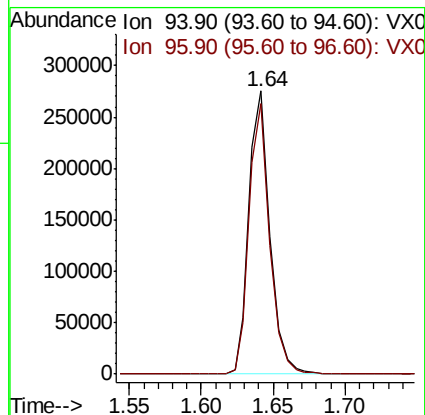
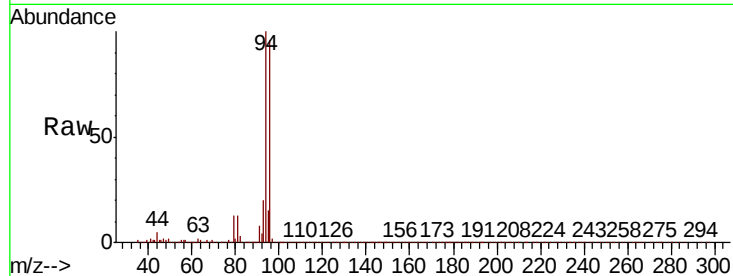
VSTDCCC050EC

Tot Ion: 94 Resp: 276000

Ion Ratio Lower Upper

94 100

96 95.5 74.5 111.7



#6

Chloroethane

Concen: 52.574 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.00 min

Lab File: VX006240.D

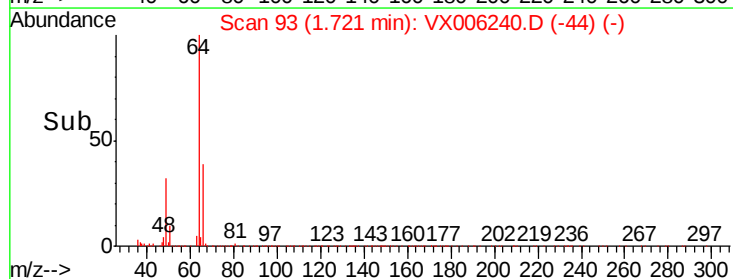
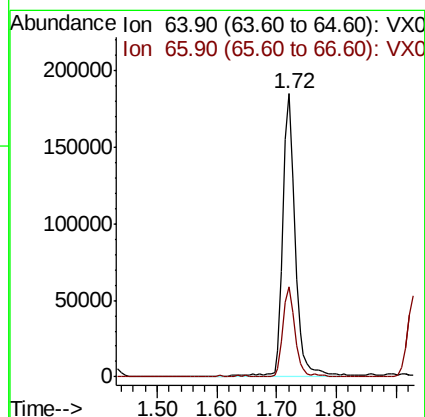
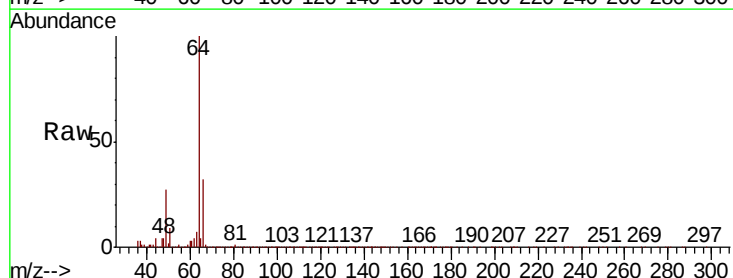
Acq: 30 Nov 2018 19:36

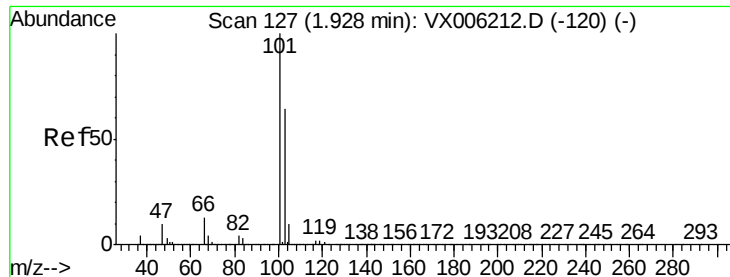
Tgt Ion: 64 Resp: 261589

Ion Ratio Lower Upper

64 100

66 31.7 25.9 38.9



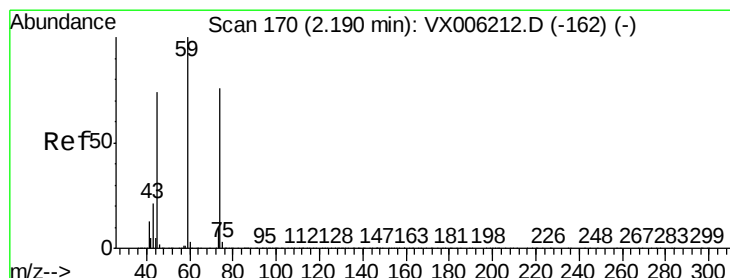
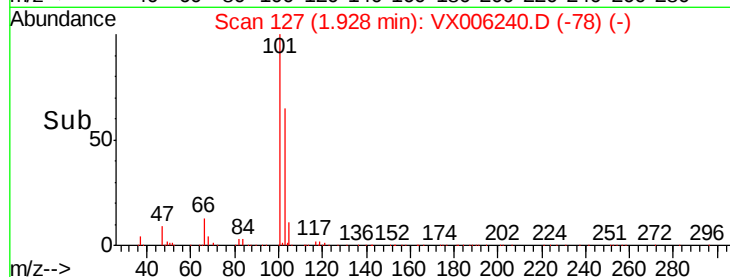
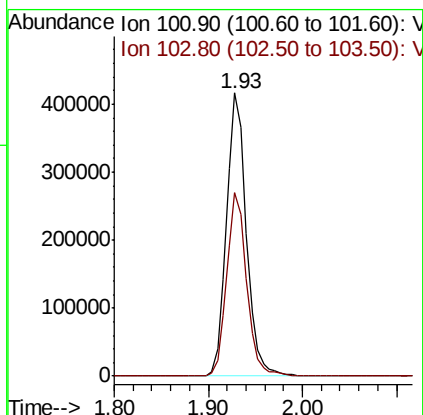
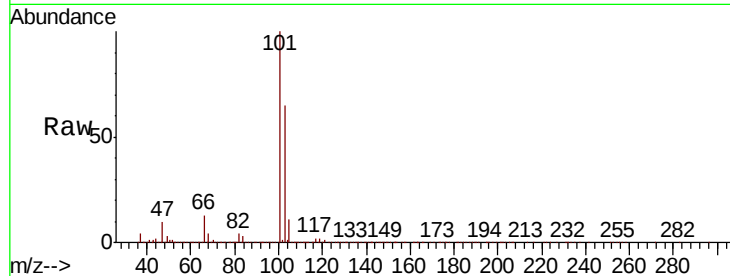


#7

Trichlorofluoromethane
Concen: 48.990 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

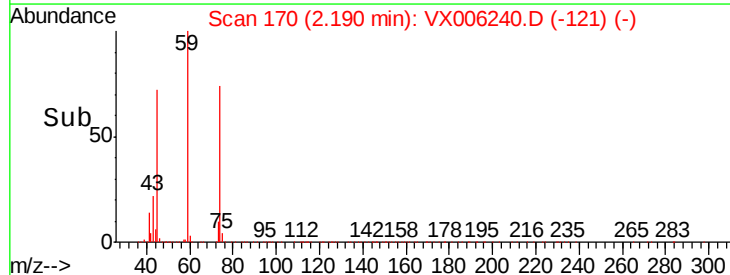
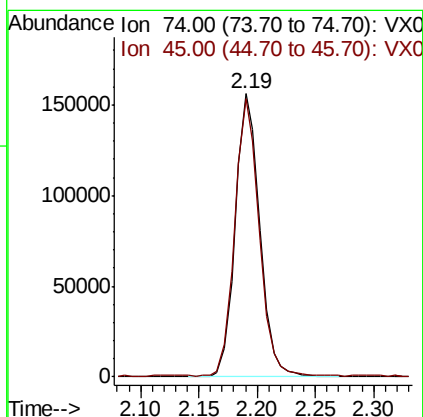
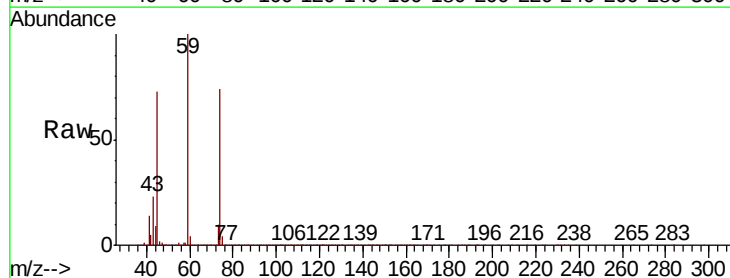
Tot Ion:101 Resp: 610255
Ion Ratio Lower Upper
101 100
103 64.7 51.0 76.4

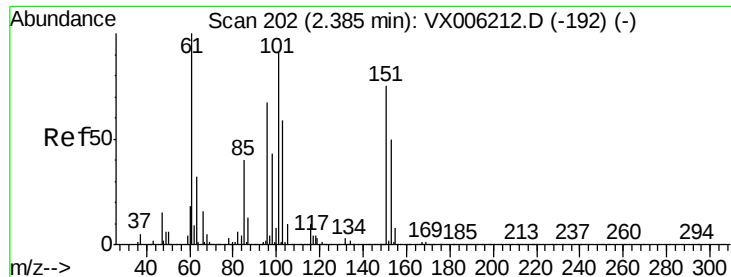


#8

Diethyl Ether
Concen: 48.500 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion: 74 Resp: 228650
Ion Ratio Lower Upper
74 100
45 97.8 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.006 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

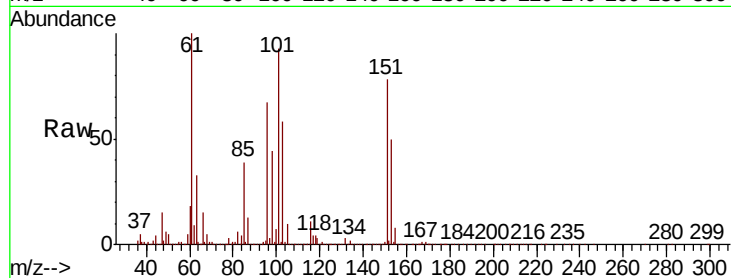
Tot Ion:101 Resp: 340034

Ion Ratio Lower Upper

101 100

85 43.9 35.5 53.3

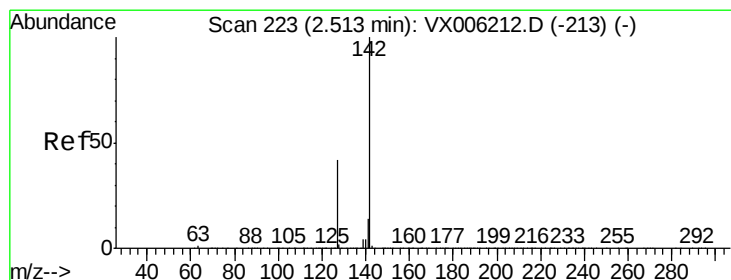
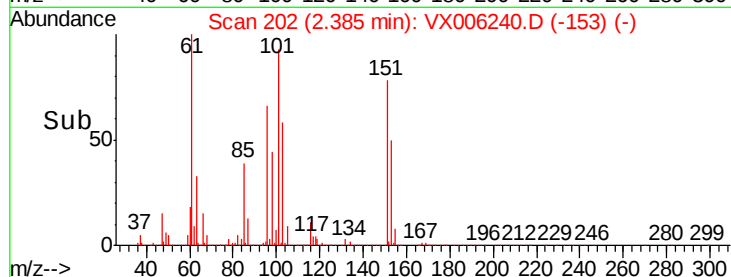
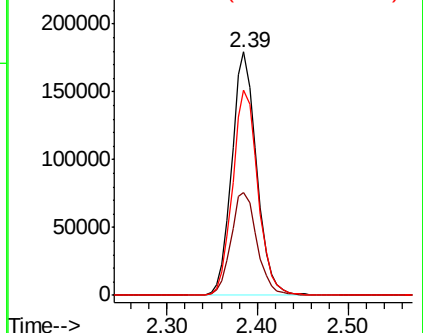
151 86.0 68.6 103.0



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: 51.078 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

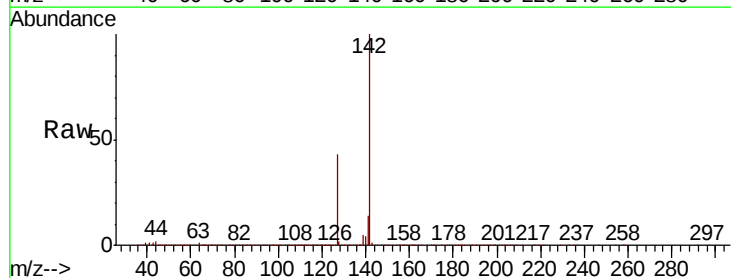
Tgt Ion:142 Resp: 545235

Ion Ratio Lower Upper

142 100

127 43.2 34.8 52.2

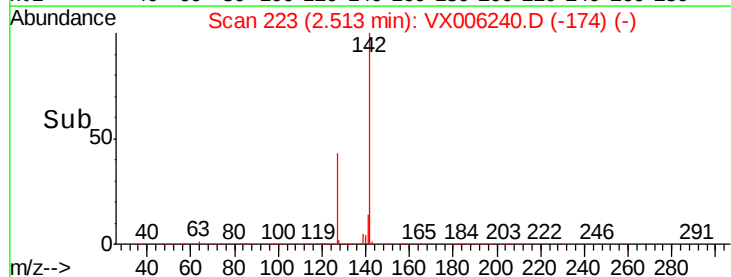
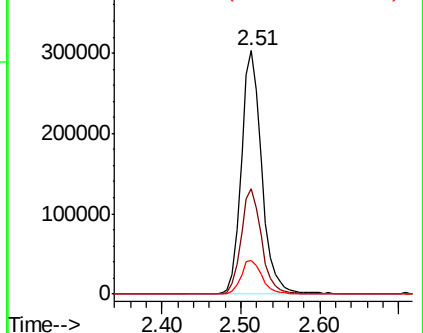
141 14.1 11.4 17.2

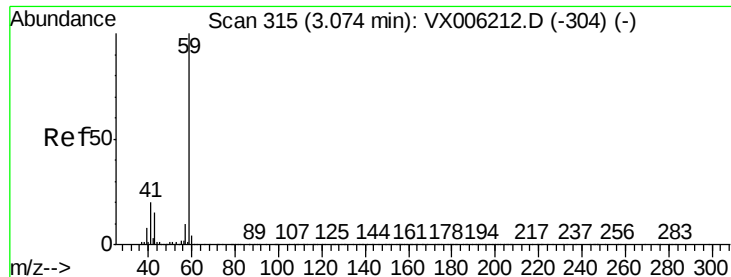


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



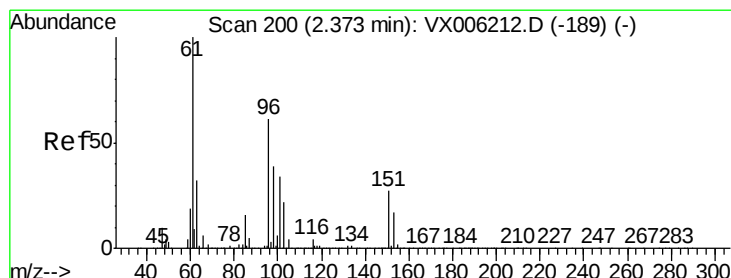
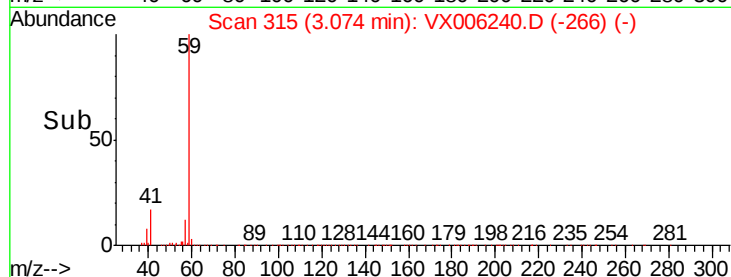
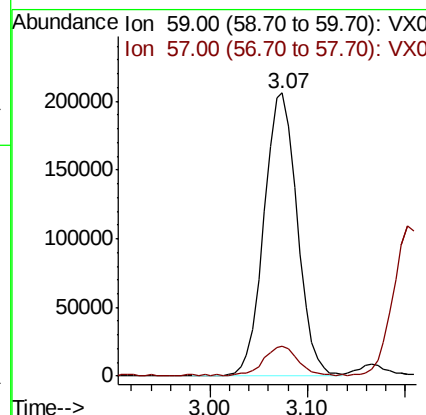
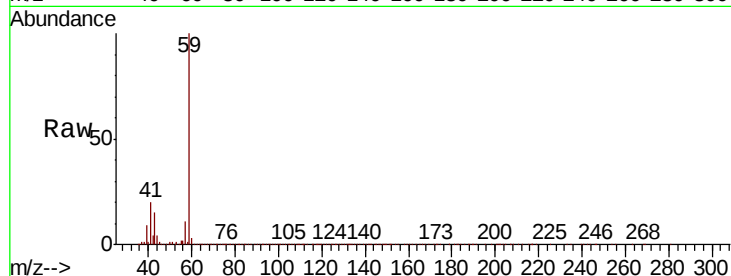


#11

Tert butyl alcohol
Concen: 233.294 ug/l
RT: 3.07 min Scan# 315
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

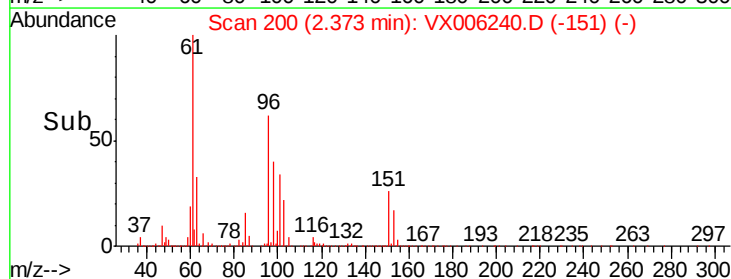
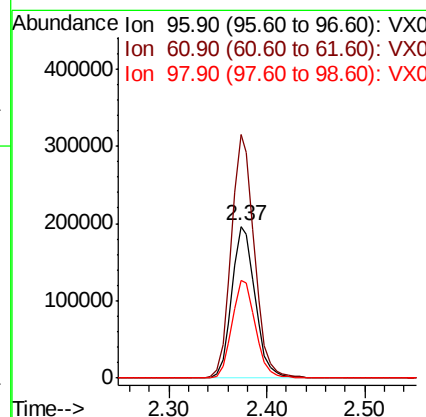
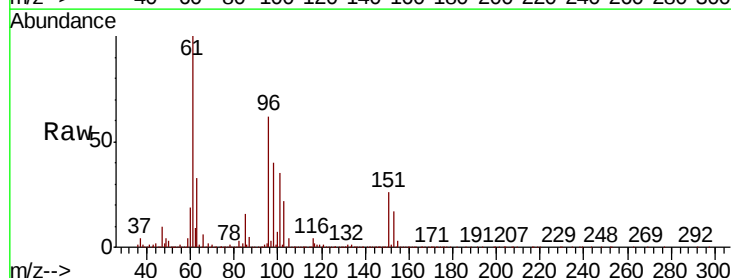
Tot Ion: 59 Resp: 488059
Ion Ratio Lower Upper
59 100
57 10.3 8.2 12.2

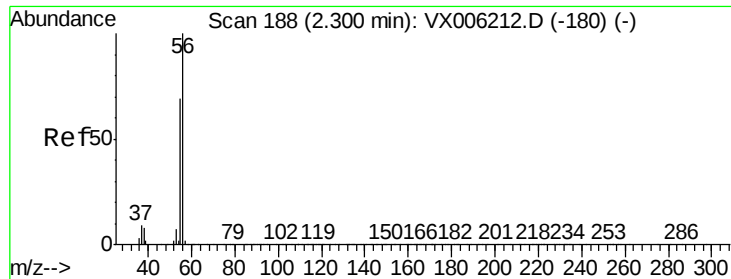


#12

1,1-Dichloroethene
Concen: 47.736 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion: 96 Resp: 323684
Ion Ratio Lower Upper
96 100
61 160.3 131.7 197.5
98 63.8 51.8 77.6

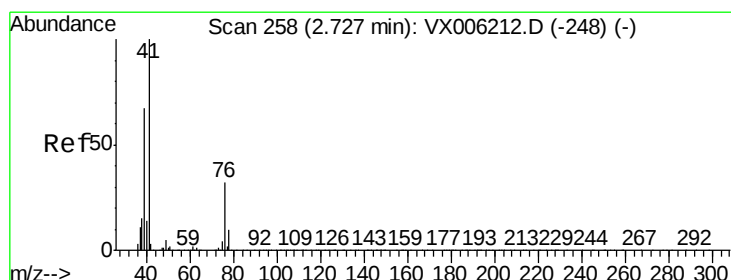
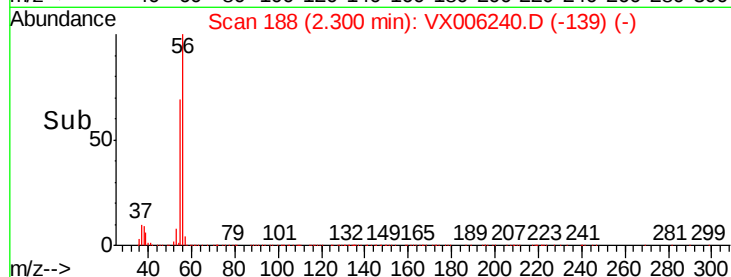
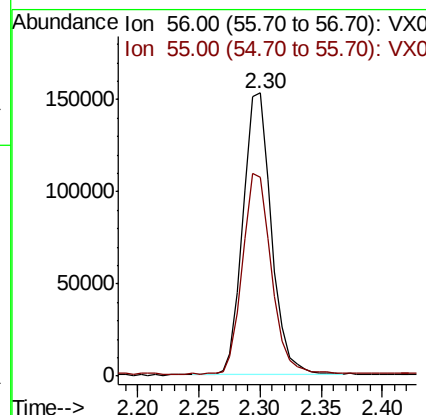
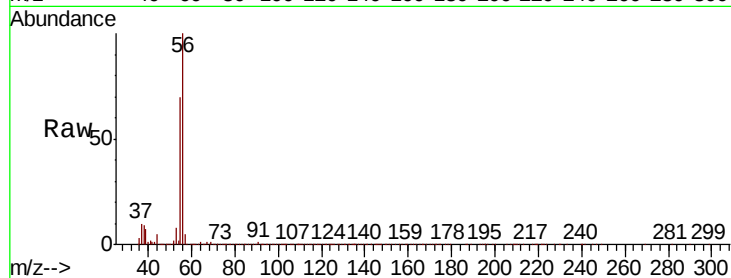




#13
Acrolein
Concen: 215.256 ug/l
RT: 2.30 min Scan# 188
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

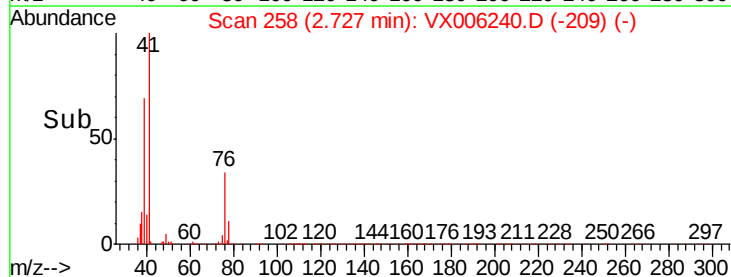
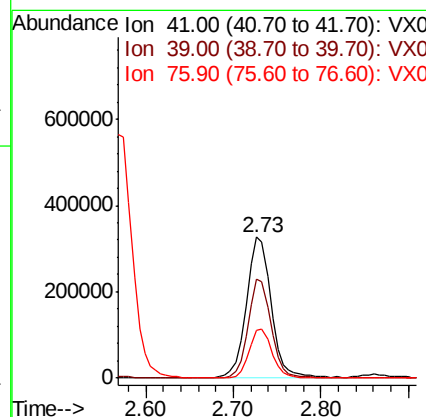
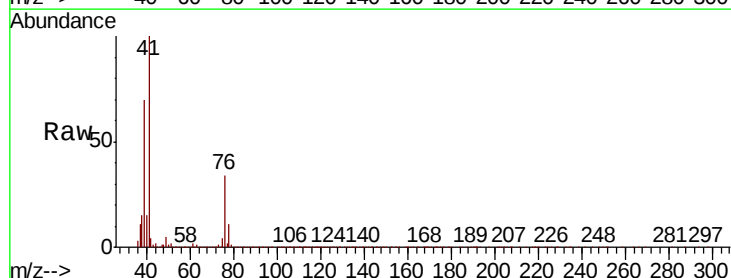
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

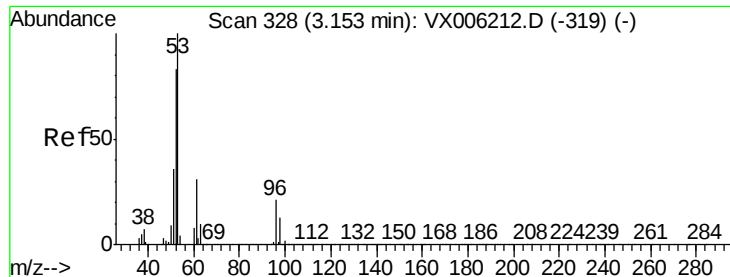
Tot Ion: 56 Resp: 246130
Ion Ratio Lower Upper
56 100
55 72.7 57.8 86.6



#14
Allyl chloride
Concen: 47.497 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion: 41 Resp: 636196
Ion Ratio Lower Upper
41 100
39 65.5 52.4 78.6
76 32.4 25.4 38.0



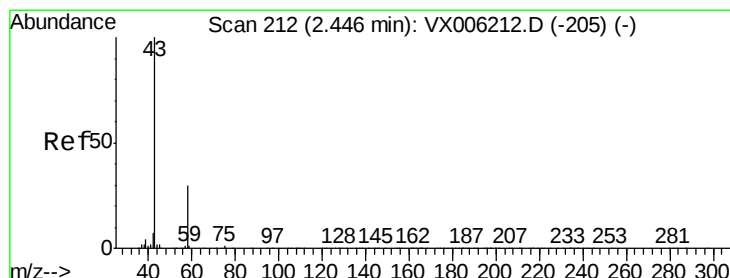
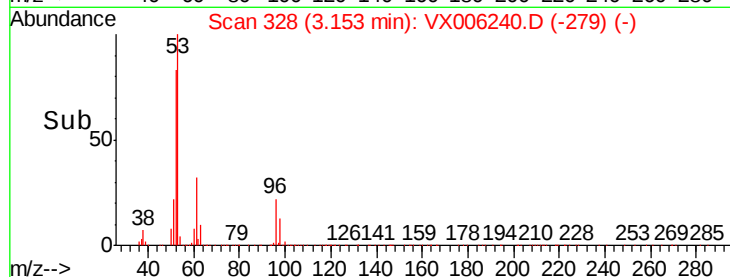
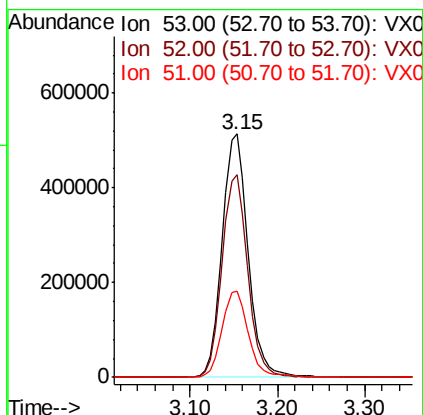
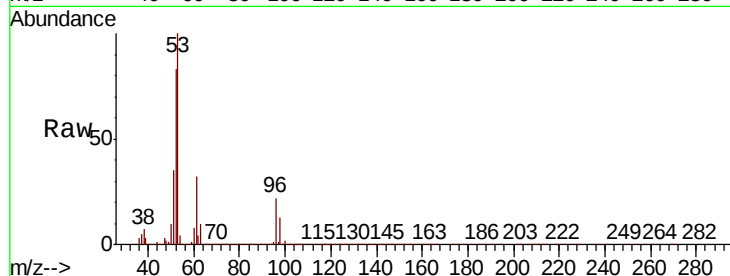


#15
 Acrylonitrile
 Concen: 241.007 ug/l
 RT: 3.15 min Scan# 328
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 53 Resp: 1052130

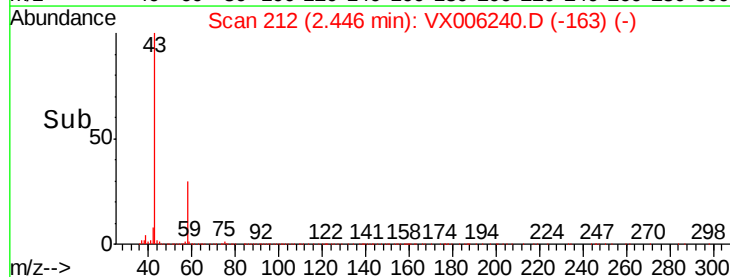
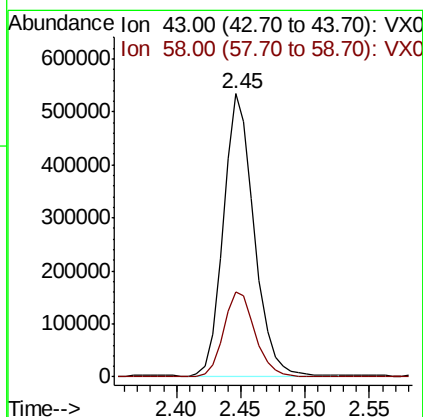
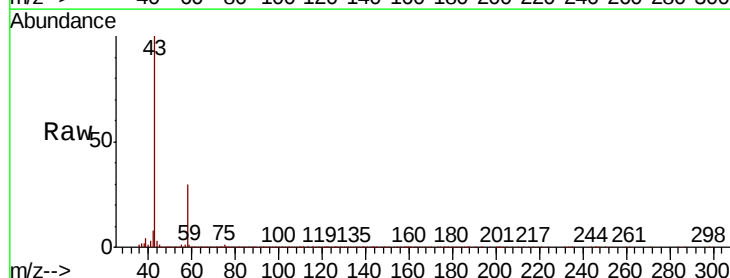
Ion	Ratio	Lower	Upper
53	100		
52	82.8	66.2	99.4
51	36.0	28.7	43.1

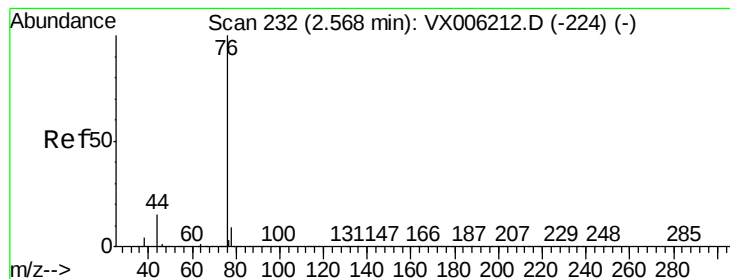


#16
 Acetone
 Concen: 246.603 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Tgt Ion: 43 Resp: 885298

Ion	Ratio	Lower	Upper
43	100		
58	30.2	24.0	36.0





#17

Carbon Disulfide

Concen: 47.330 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

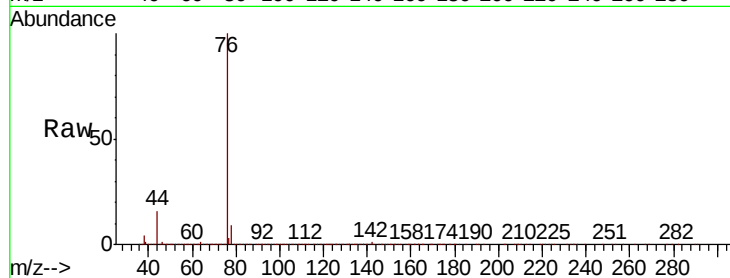
VSTDCCC050EC

Tot Ion: 76 Resp: 988924

Ion Ratio Lower Upper

76 100

78 9.5 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

600000

500000

400000

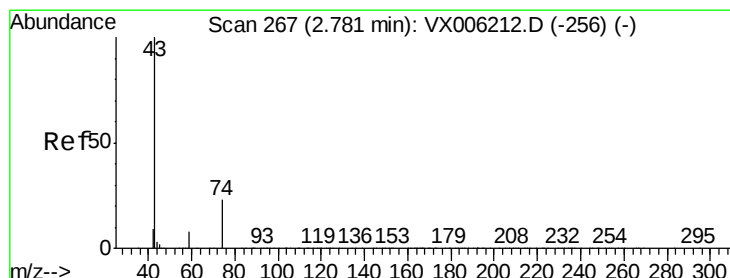
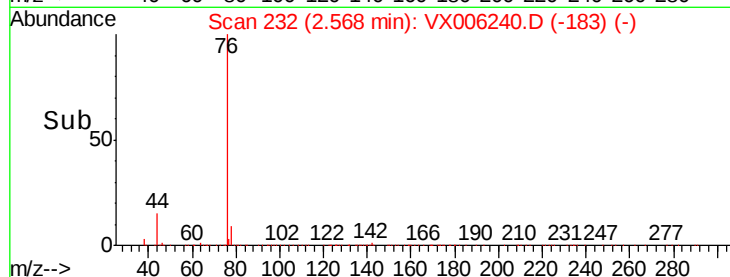
300000

200000

100000

0

Time-->



#18

Methyl Acetate

Concen: 48.898 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX006240.D

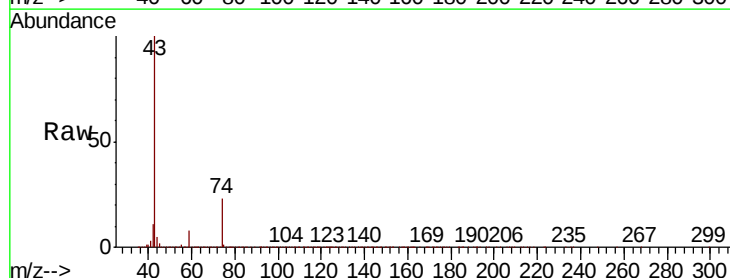
Acq: 30 Nov 2018 19:36

Tgt Ion: 43 Resp: 587050

Ion Ratio Lower Upper

43 100

74 22.2 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

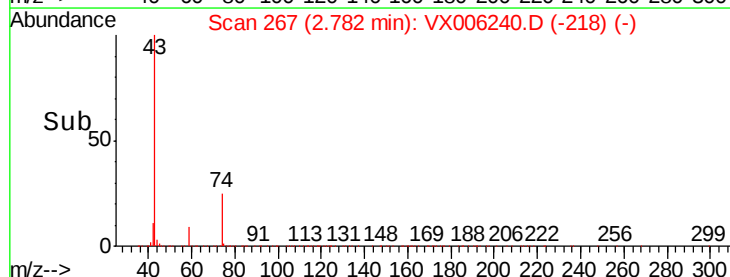
300000

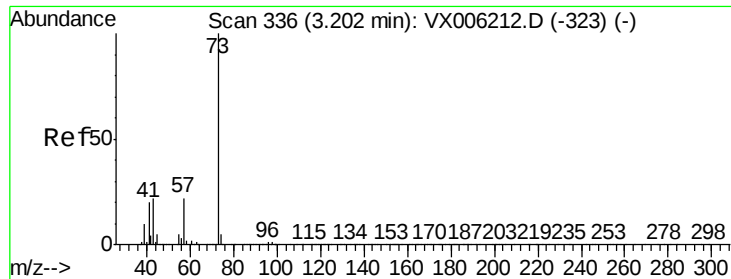
200000

100000

0

Time-->

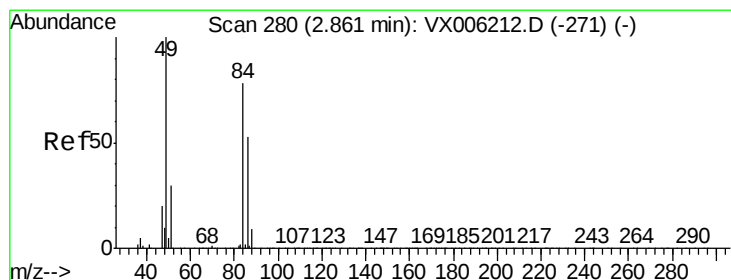
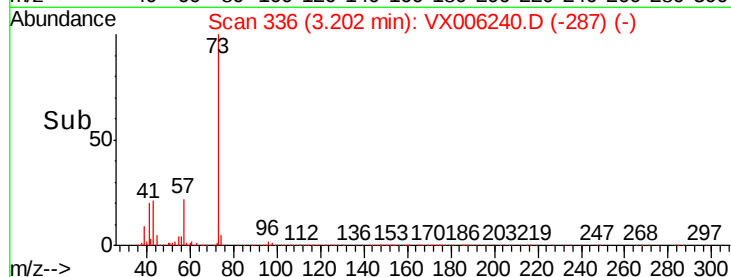
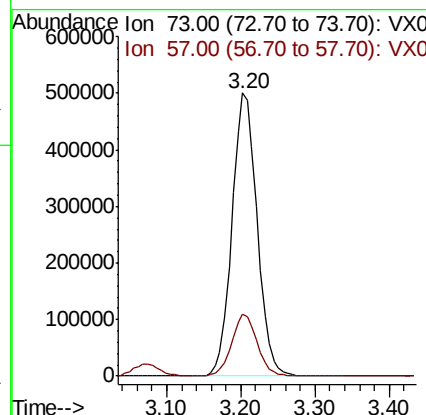
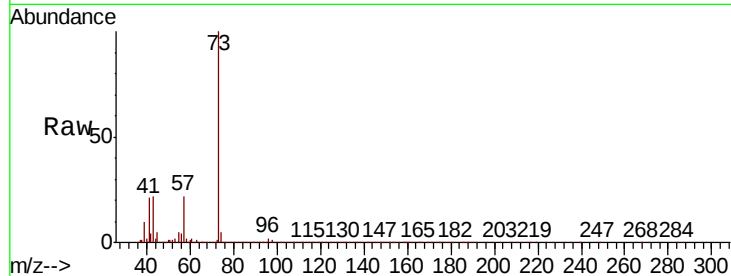




#19
Methyl tert-butyl Ether
Concen: 48.720 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

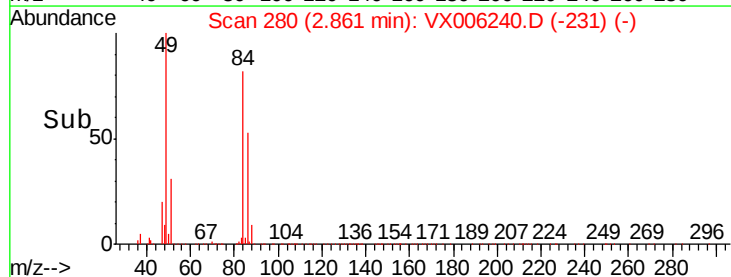
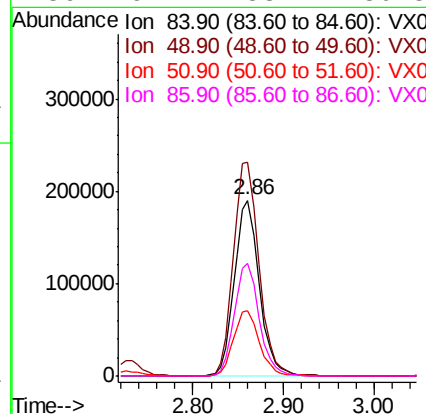
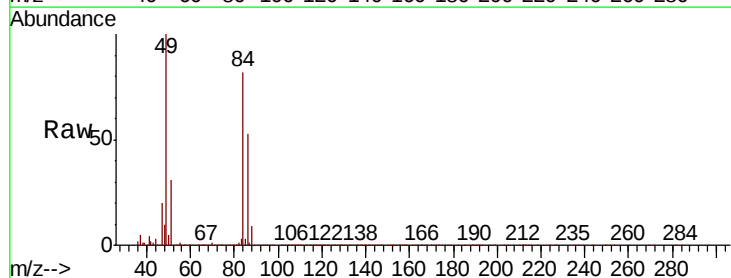
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 73 Resp: 1178490
Ion Ratio Lower Upper
73 100
57 21.7 17.5 26.3



#20
Methylene Chloride
Concen: 47.239 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion: 84 Resp: 360921
Ion Ratio Lower Upper
84 100
49 121.6 102.2 153.4
51 37.2 31.1 46.7
86 64.4 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 48.153 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

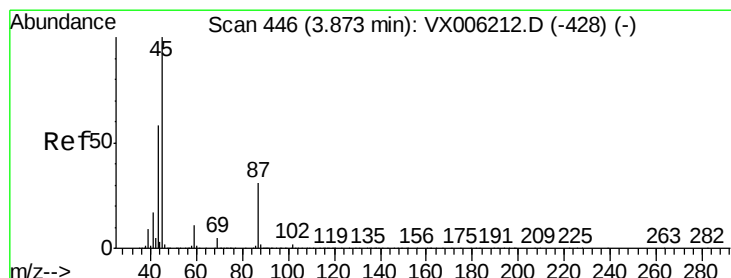
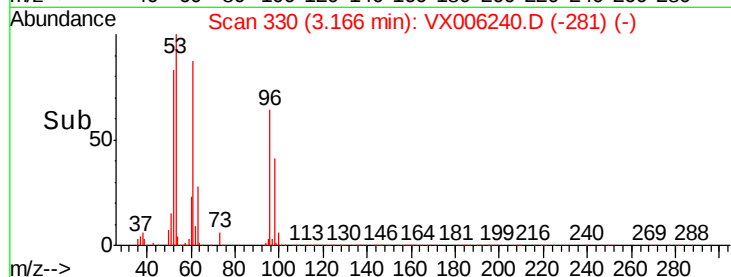
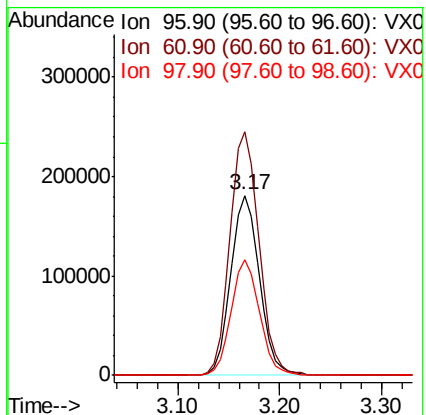
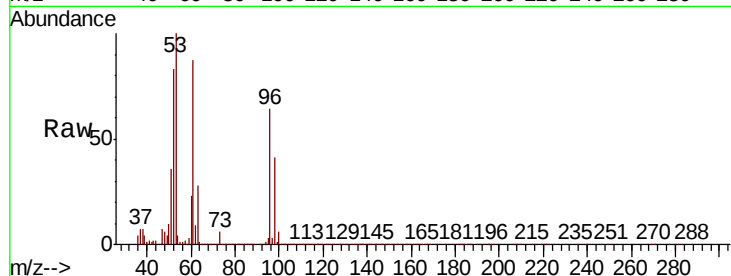
Tot Ion: 96 Resp: 347951

Ion Ratio Lower Upper

96 100

61 135.7 113.3 169.9

98 64.2 53.2 79.8



#22

Diisopropyl ether

Concen: 49.646 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Tgt Ion: 45 Resp: 1038683

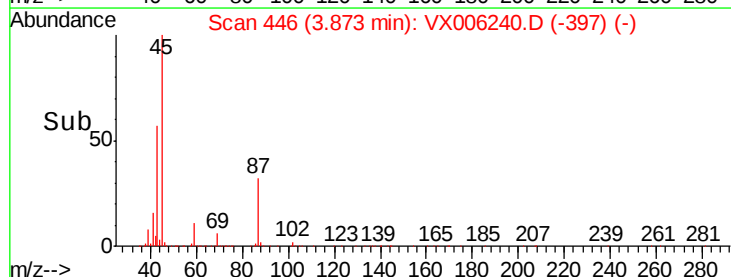
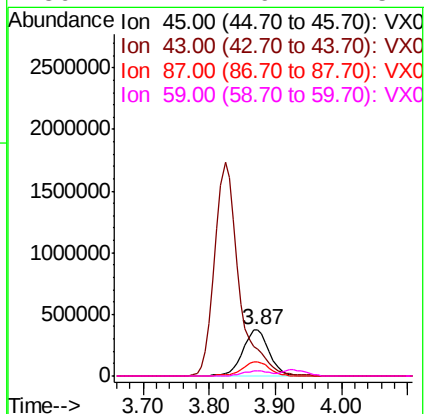
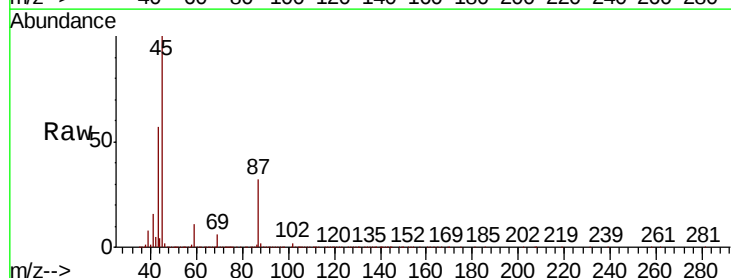
Ion Ratio Lower Upper

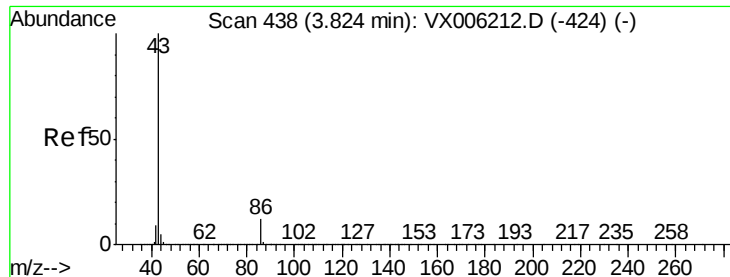
45 100

43 57.1 46.2 69.2

87 31.8 24.9 37.3

59 11.4 9.1 13.7





#23

Vinyl Acetate

Concen: 248.615 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

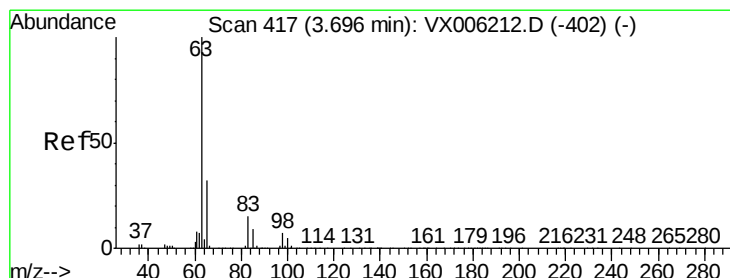
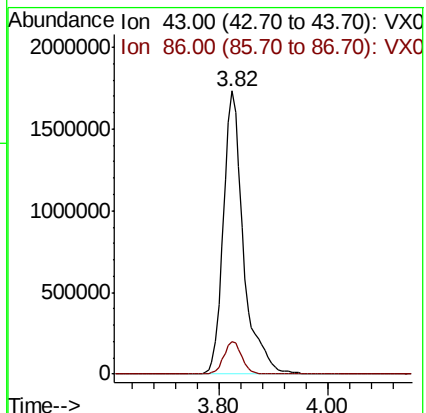
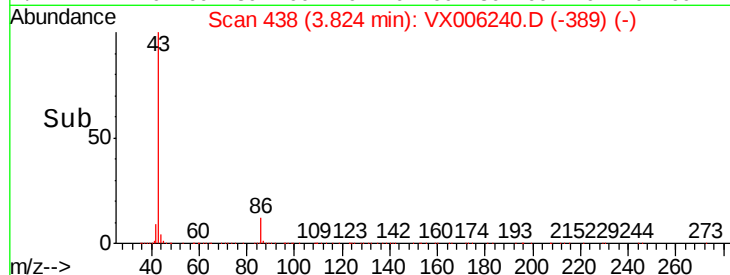
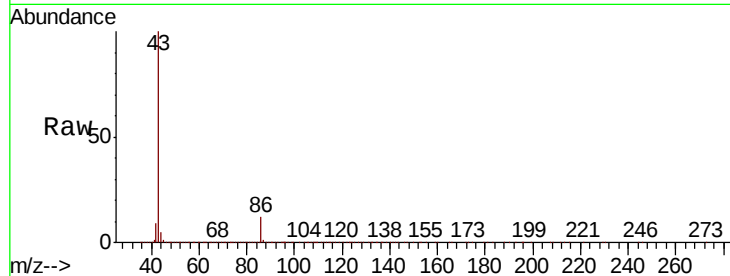
VSTDCCC050EC

Tot Ion: 43 Resp: 4436383

Ion Ratio Lower Upper

43 100

86 11.5 9.4 14.0



#24

1,1-Dichloroethane

Concen: 50.862 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

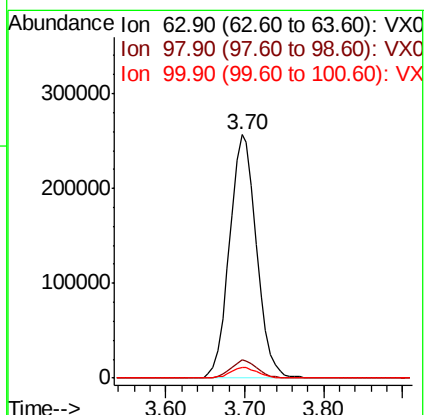
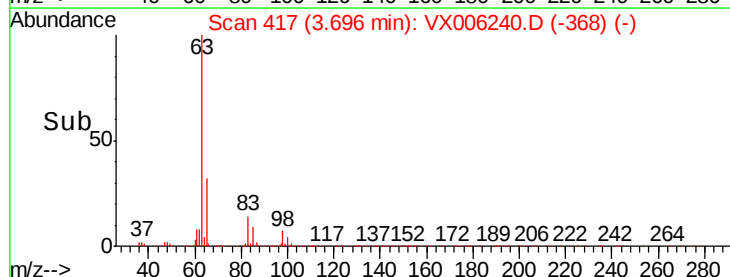
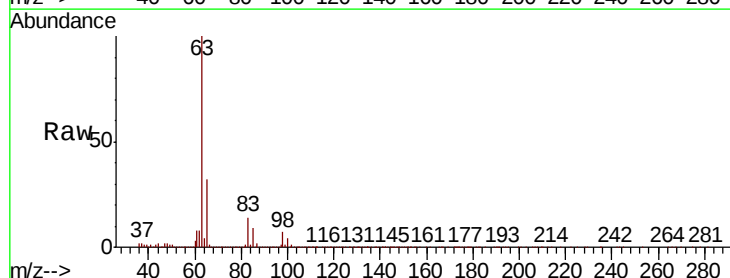
Tgt Ion: 63 Resp: 608220

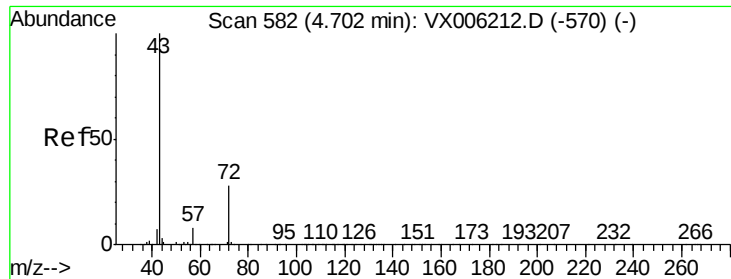
Ion Ratio Lower Upper

63 100

98 7.3 3.8 11.4

100 4.4 2.5 7.4





#25

2-Butanone

Concen: 248.616 ug/l

RT: 4.70 min Scan# 582

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

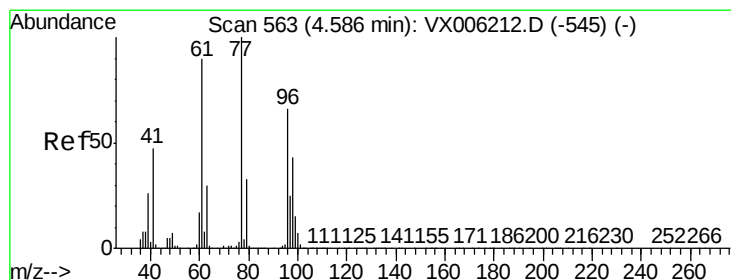
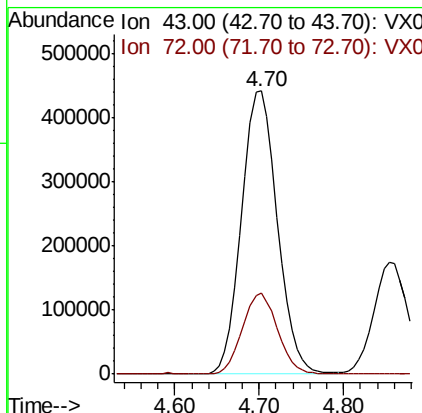
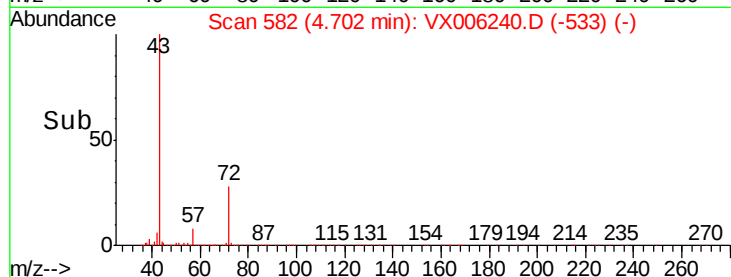
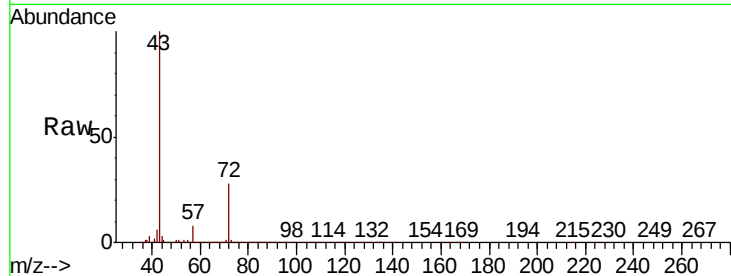
VSTDCCC050EC

Tot Ion: 43 Resp: 1273506

Ion Ratio Lower Upper

43 100

72 28.3 22.6 33.8



#26

2,2-Dichloropropane

Concen: 45.517 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006240.D

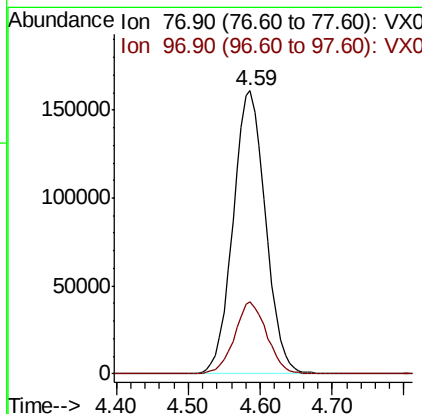
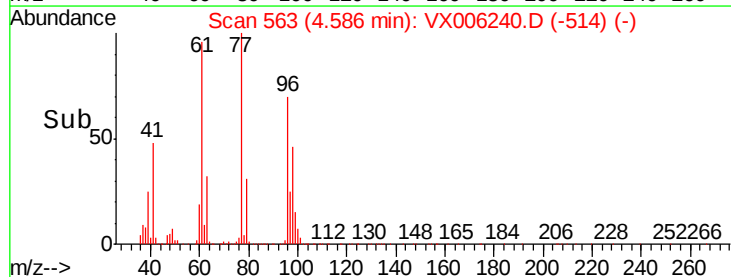
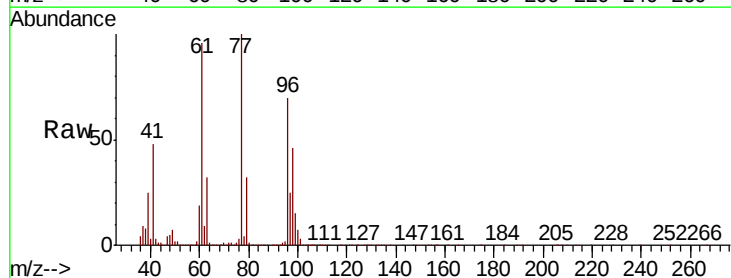
Acq: 30 Nov 2018 19:36

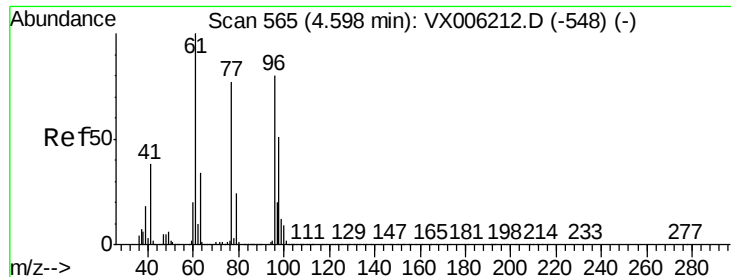
Tgt Ion: 77 Resp: 502335

Ion Ratio Lower Upper

77 100

97 25.1 12.3 36.8



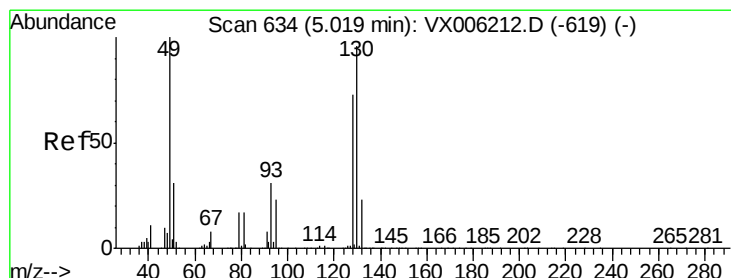
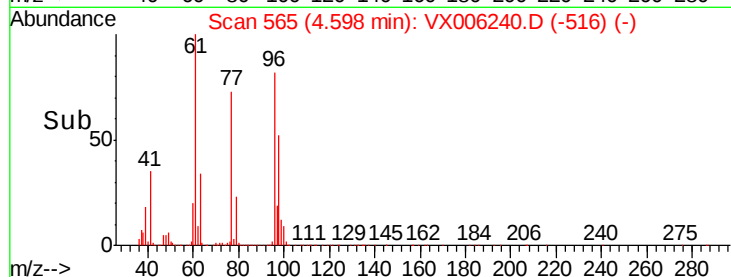
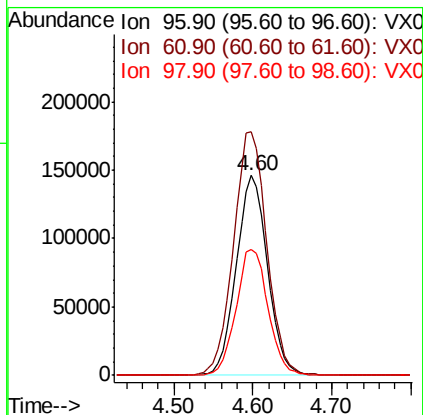
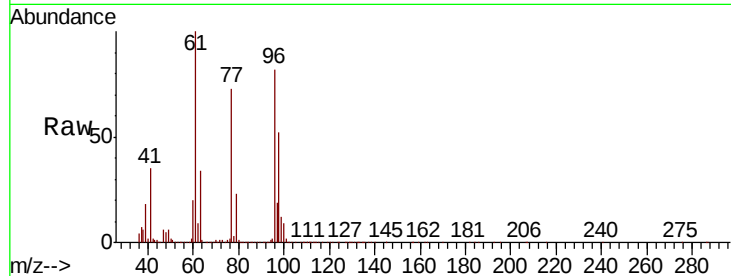


#27

cis-1,2-Dichloroethene
 Concen: 49.802 ug/l
 RT: 4.60 min Scan# 565
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

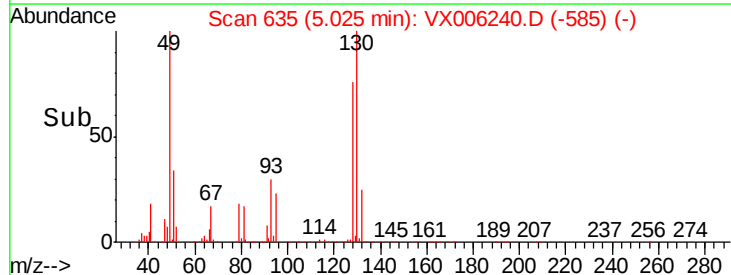
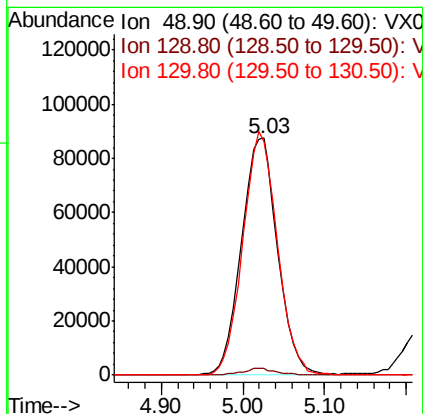
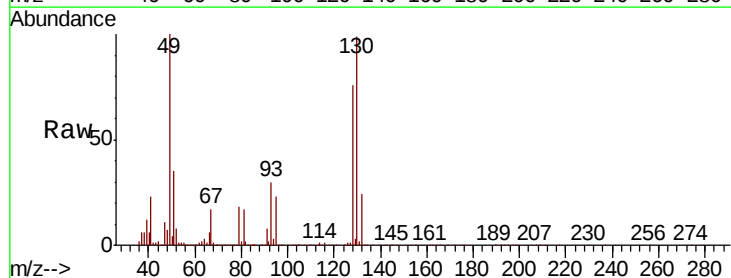
Tot Ion: 96 Resp: 401408
 Ion Ratio Lower Upper
 96 100
 61 130.0 0.0 265.0
 98 64.3 0.0 130.2

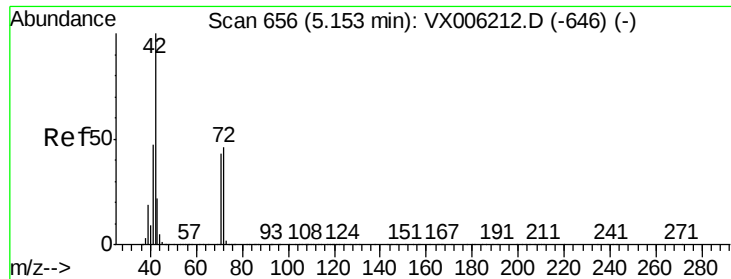


#28

Bromochloromethane
 Concen: 51.398 ug/l
 RT: 5.03 min Scan# 635
 Delta R.T. 0.01 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Tgt Ion: 49 Resp: 268467
 Ion Ratio Lower Upper
 49 100
 129 2.7 0.0 5.0
 130 98.5 78.3 117.5





#29

Tetrahydrofuran

Concen: 241.735 ug/l

RT: 5.15 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

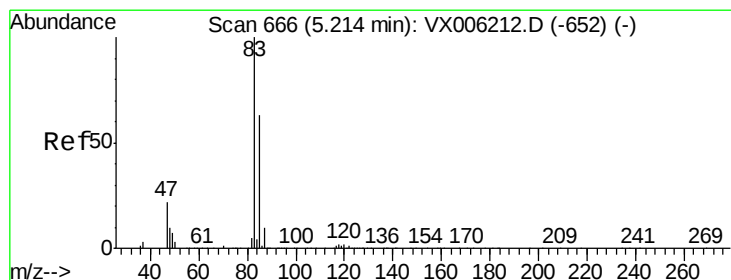
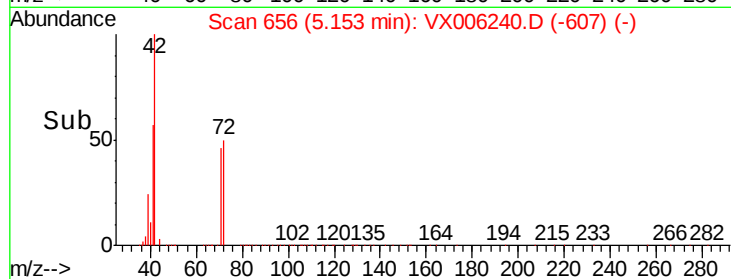
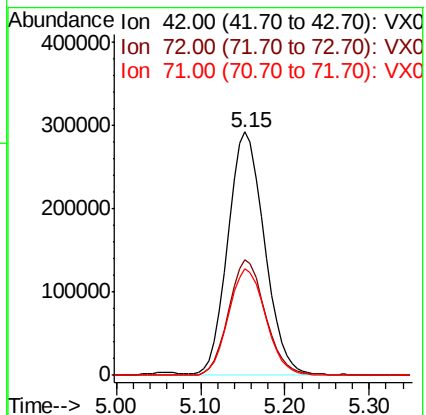
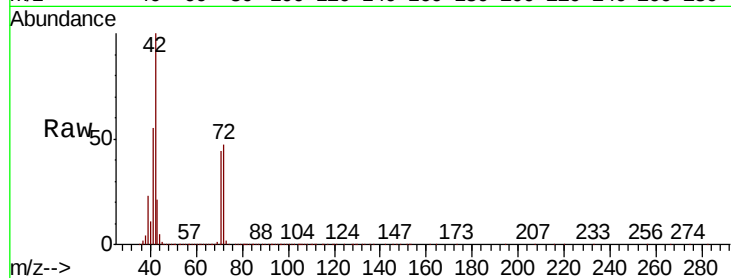
Tot Ion: 42 Resp: 860589

Ion Ratio Lower Upper

42 100

72 47.9 37.8 56.8

71 44.4 35.2 52.8



#30

Chloroform

Concen: 49.572 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX006240.D

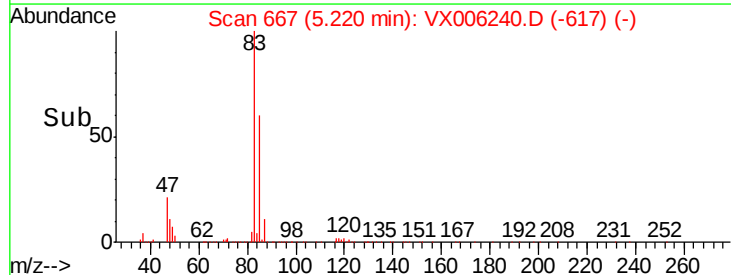
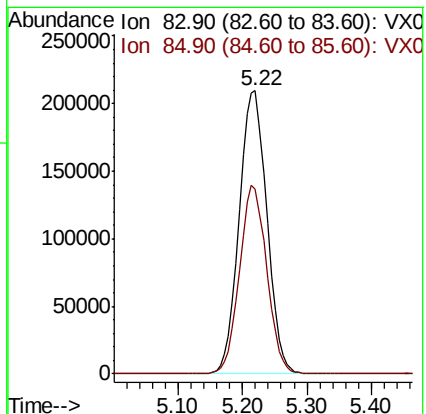
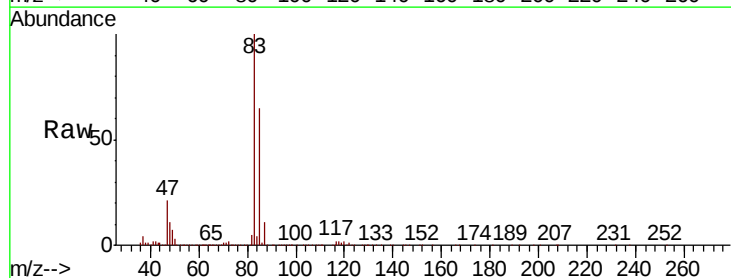
Acq: 30 Nov 2018 19:36

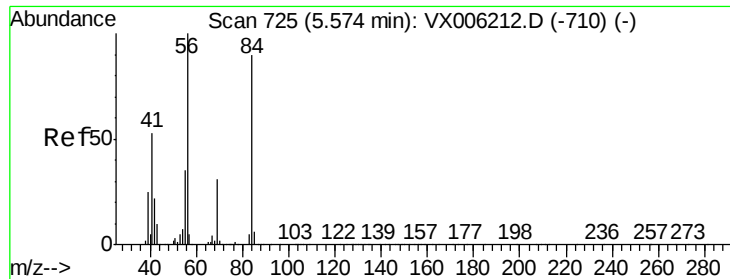
Tgt Ion: 83 Resp: 622949

Ion Ratio Lower Upper

83 100

85 65.2 50.3 75.5

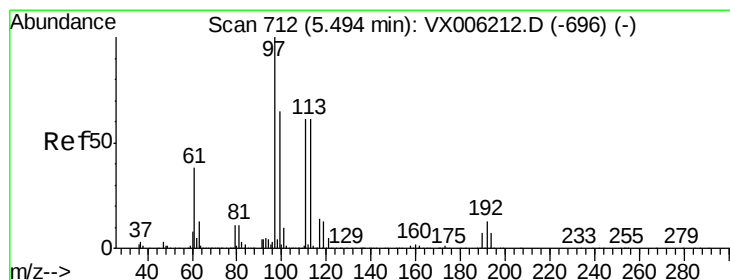
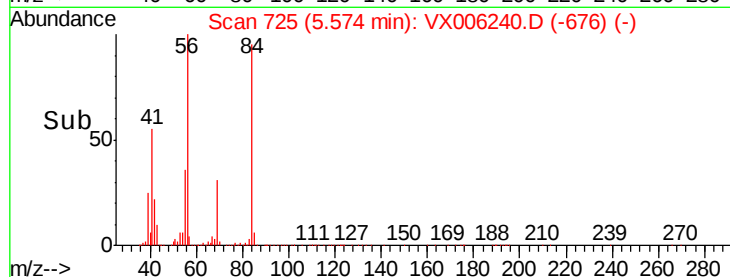
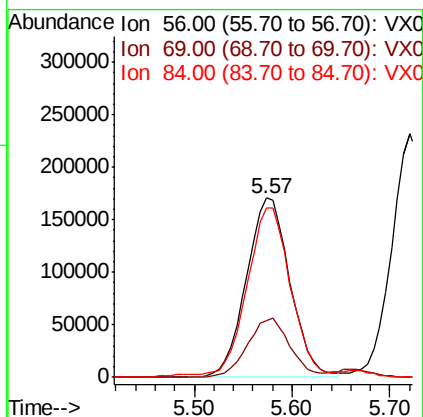
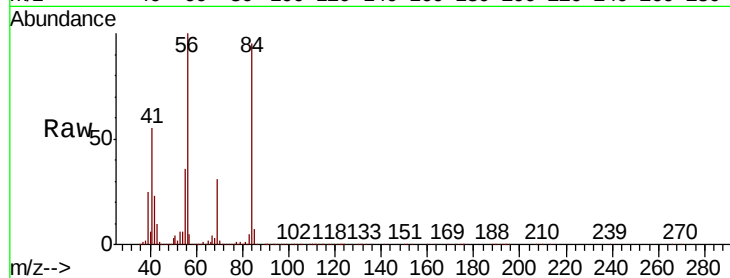




#31
Cyclohexane
Concen: 47.837 ug/l
RT: 5.57 min Scan# 725
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

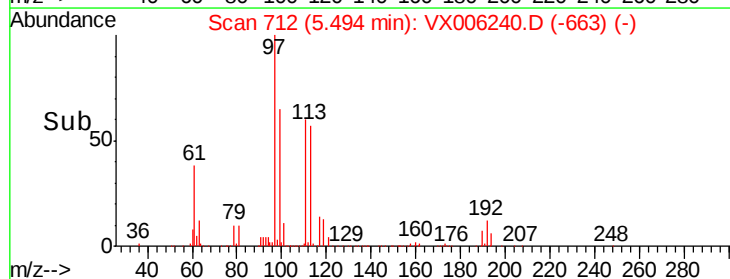
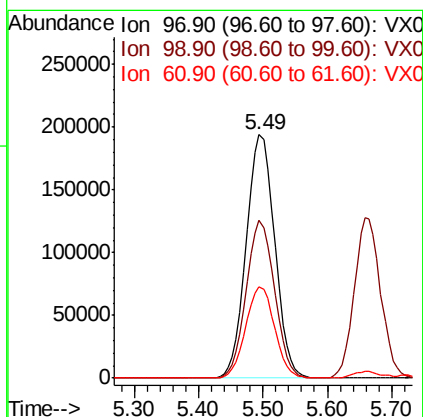
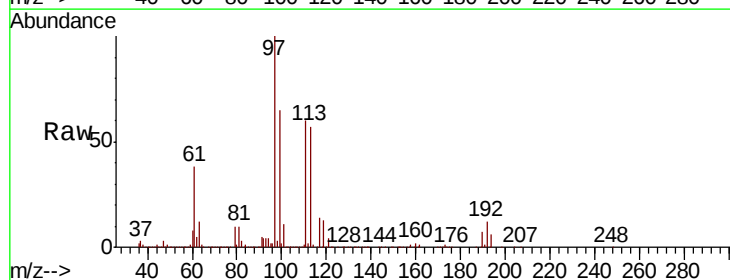
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

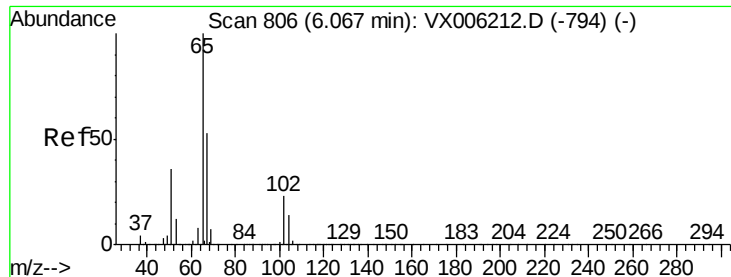
Tot Ion: 56 Resp: 528665
Ion Ratio Lower Upper
56 100
69 31.2 24.5 36.7
84 93.1 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 49.296 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion: 97 Resp: 589414
Ion Ratio Lower Upper
97 100
99 64.4 51.6 77.4
61 38.2 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 49.438 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

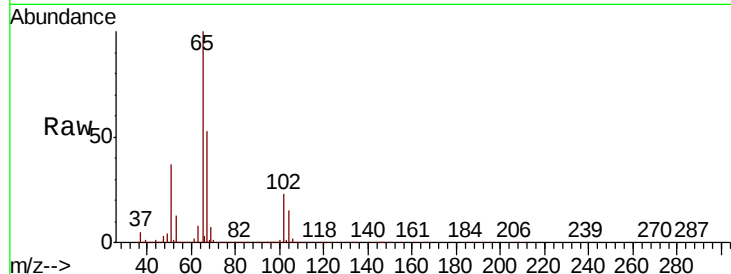
VSTDCCC050EC

Tot Ion: 65 Resp: 378186

Ion Ratio Lower Upper

65 100

67 53.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

150000

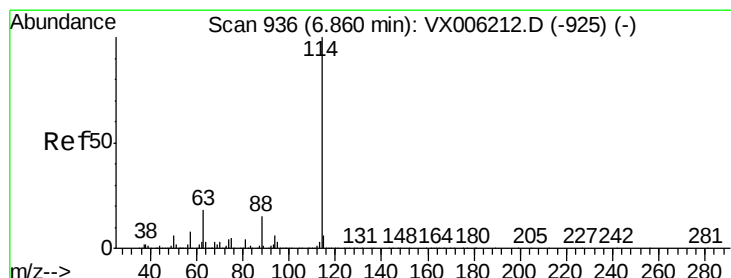
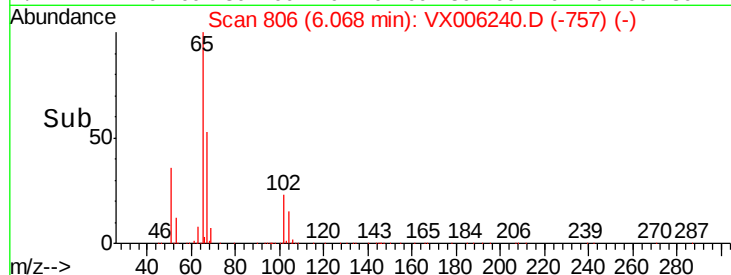
100000

50000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

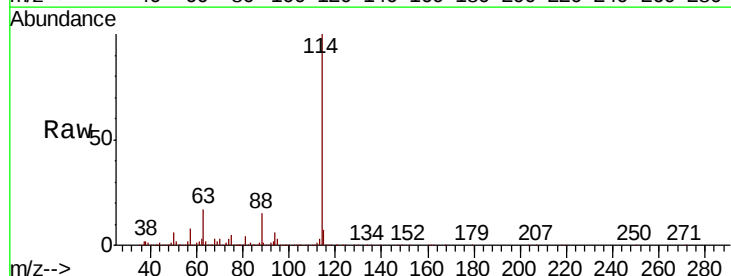
Tgt Ion: 114 Resp: 1120942

Ion Ratio Lower Upper

114 100

63 17.0 0.0 36.6

88 15.0 0.0 29.0



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

6.86

600000

500000

400000

300000

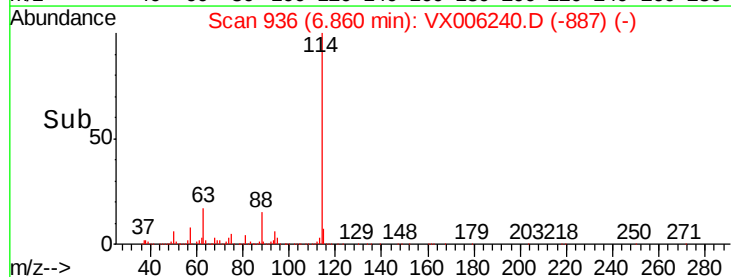
200000

100000

0

6.70 6.80 6.90 7.00

Time-->





#35

Dibromofluoromethane

Concen: 49.589 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

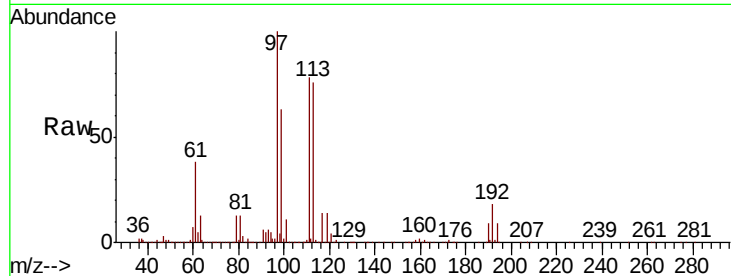
Tot Ion:113 Resp: 359903

Ion Ratio Lower Upper

113 100

111 102.3 81.1 121.7

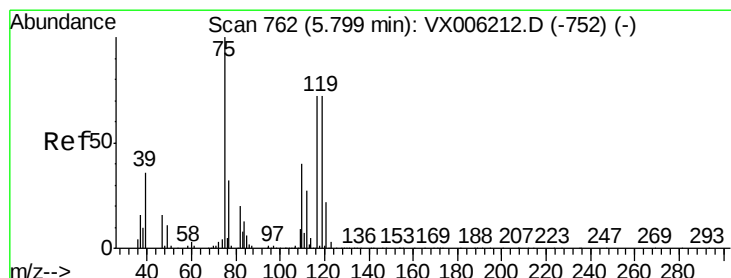
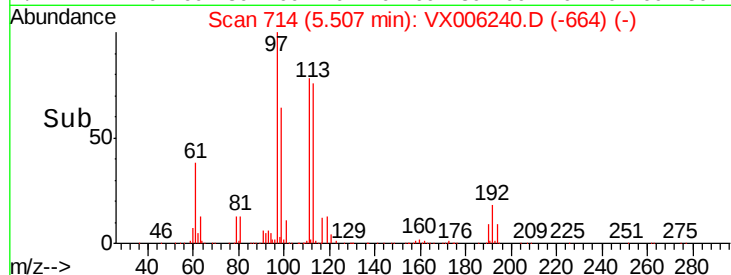
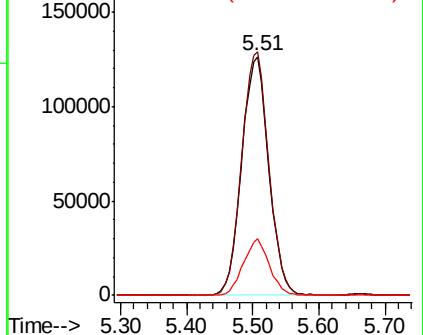
192 22.6 18.2 27.2



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: 48.537 ug/l

RT: 5.80 min Scan# 762

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

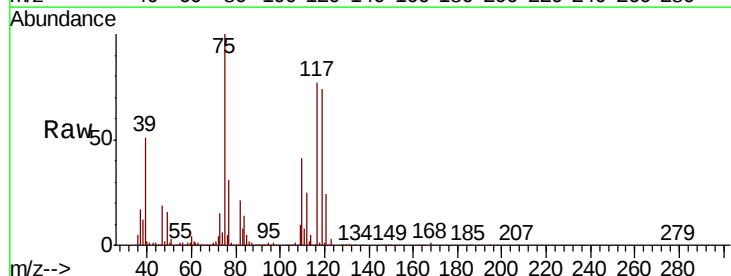
Tgt Ion: 75 Resp: 458165

Ion Ratio Lower Upper

75 100

110 40.9 20.4 61.3

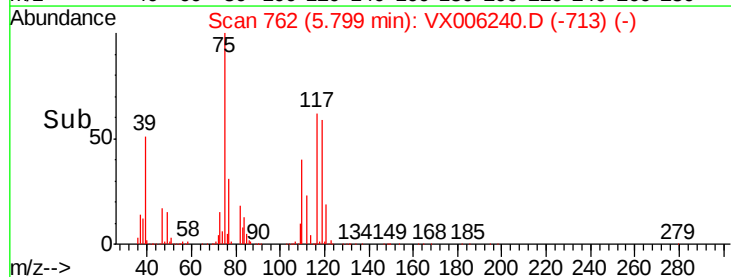
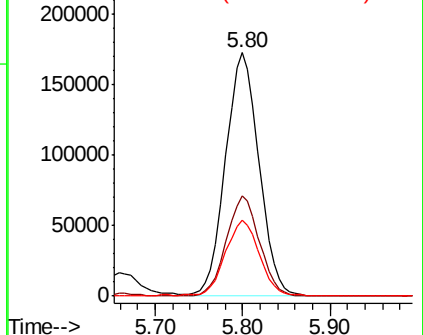
77 31.0 24.9 37.3

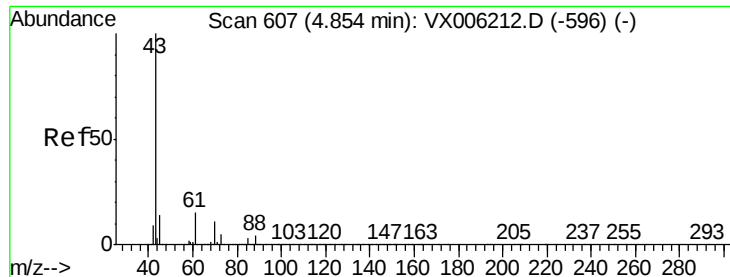


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

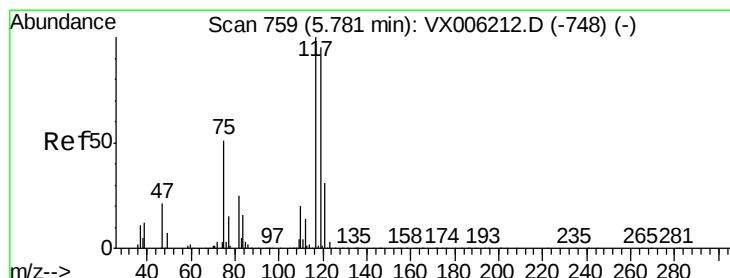
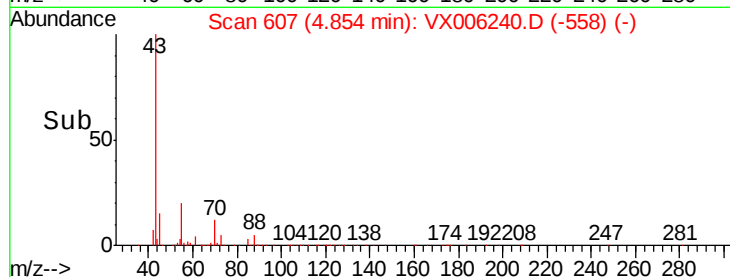
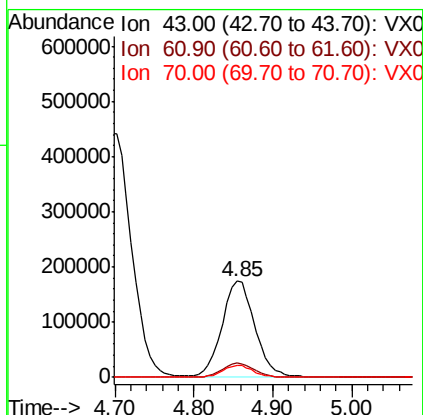
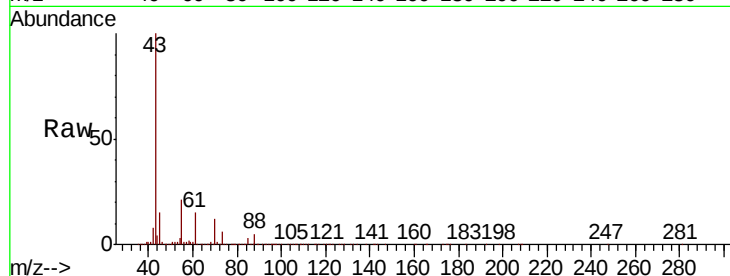




#37
Ethyl Acetate
Concen: 47.589 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

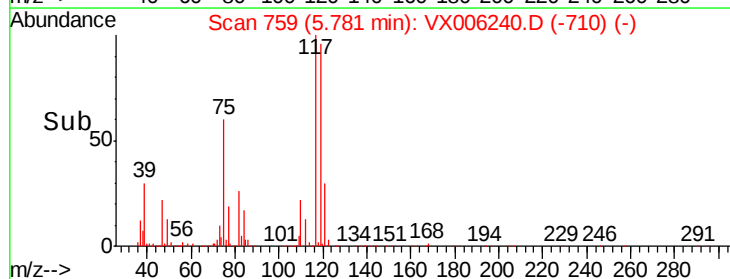
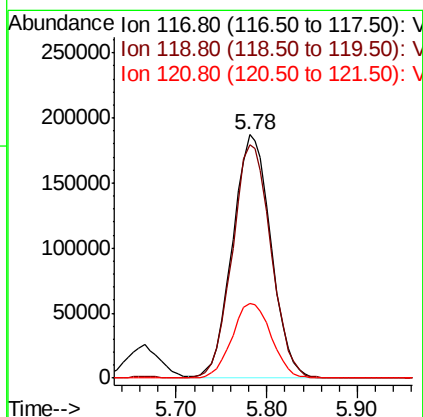
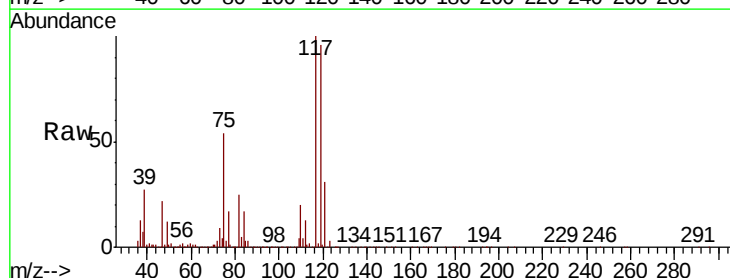
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

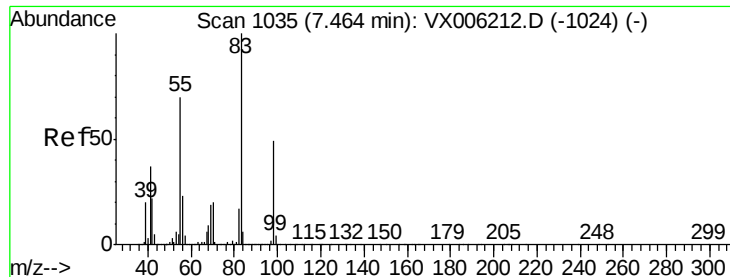
Tot Ion: 43 Resp: 503058
Ion Ratio Lower Upper
43 100
61 14.4 11.5 17.3
70 11.8 9.0 13.6



#38
Carbon Tetrachloride
Concen: 49.441 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion: 117 Resp: 549032
Ion Ratio Lower Upper
117 100
119 96.0 75.8 113.8
121 30.8 24.6 37.0

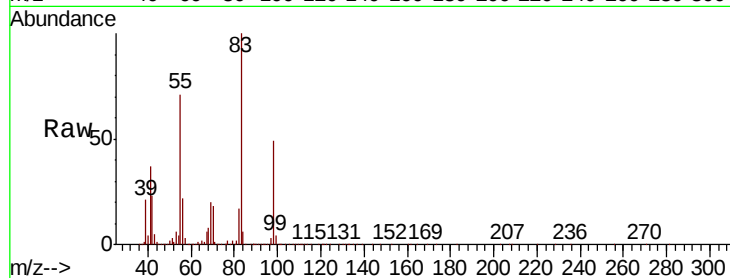




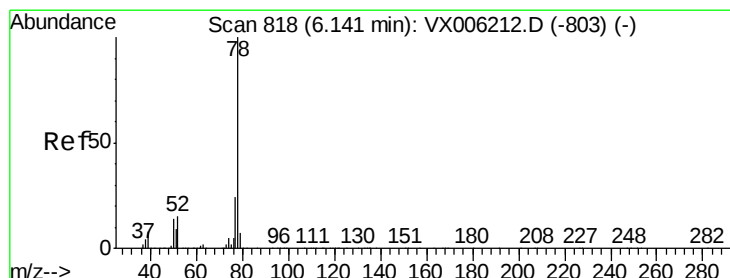
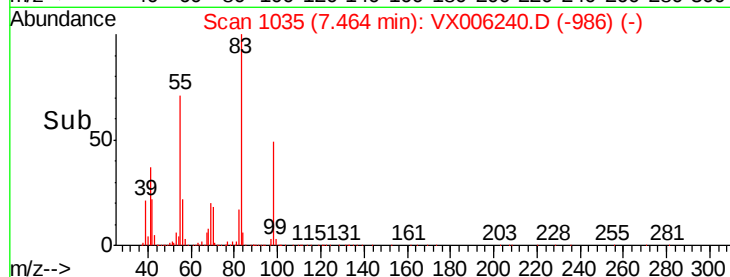
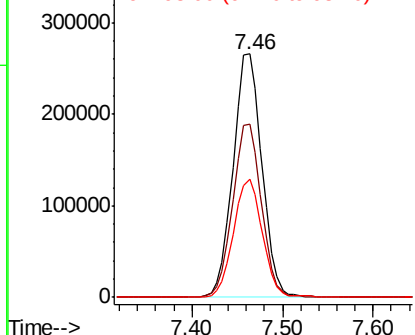
#39
Methvlcvclohexane
Concen: 47.835 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 83 Resp: 586116
Ion Ratio Lower Upper
83 100
55 71.1 56.4 84.6
98 48.7 39.0 58.6

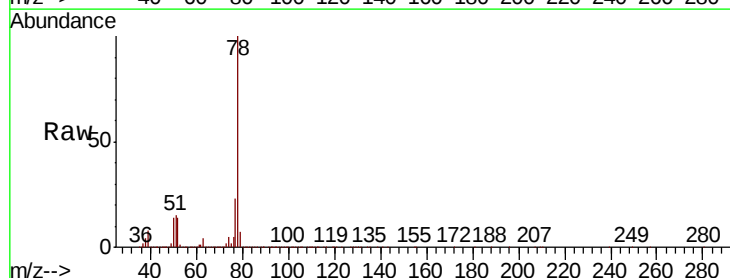


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

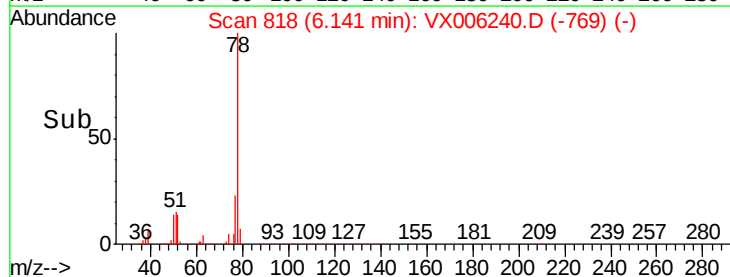
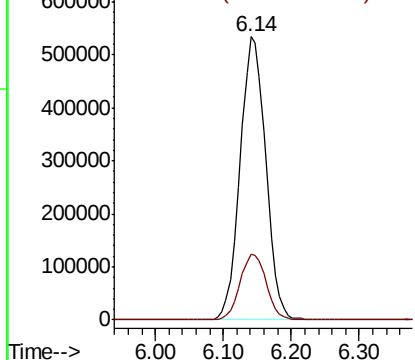


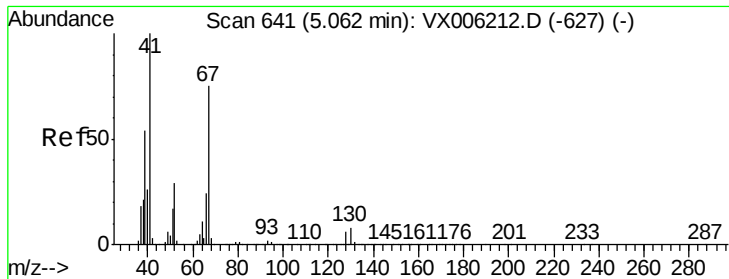
#40
Benzene
Concen: 49.480 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion: 78 Resp: 1398906
Ion Ratio Lower Upper
78 100
77 23.4 19.2 28.8



Abundance Ion 78.00 (77.70 to 78.70): VX0
Ion 77.00 (76.70 to 77.70): VX0





#41

Methacrylonitrile

Concen: 47.423 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 275845

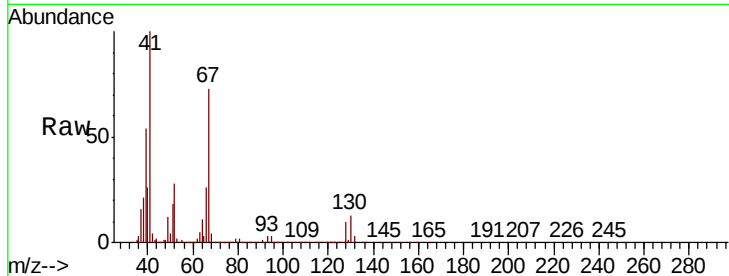
Ion Ratio Lower Upper

41 100

39 55.2 44.0 66.0

67 78.5 61.4 92.0

52 29.8 23.5 35.3

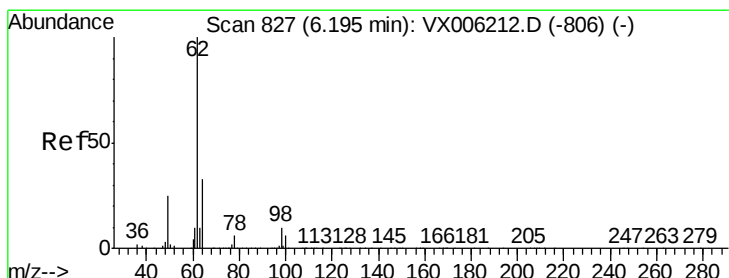
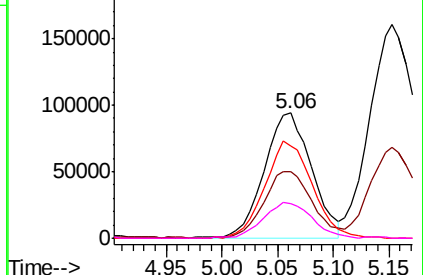
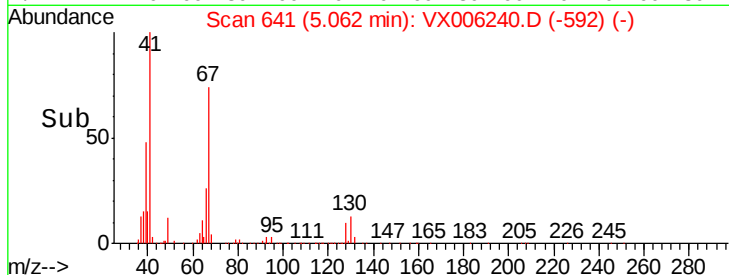


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.907 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006240.D

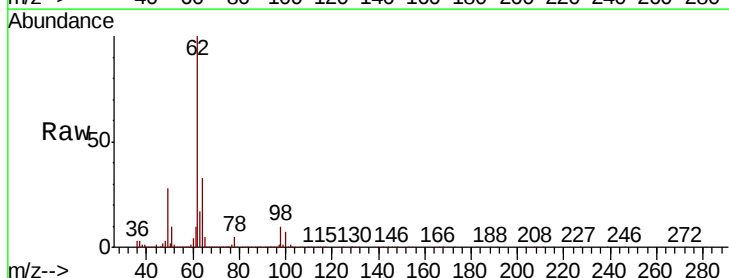
Acq: 30 Nov 2018 19:36

Tgt Ion: 62 Resp: 461784

Ion Ratio Lower Upper

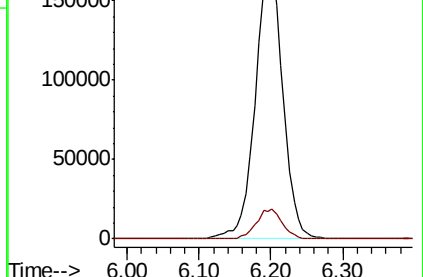
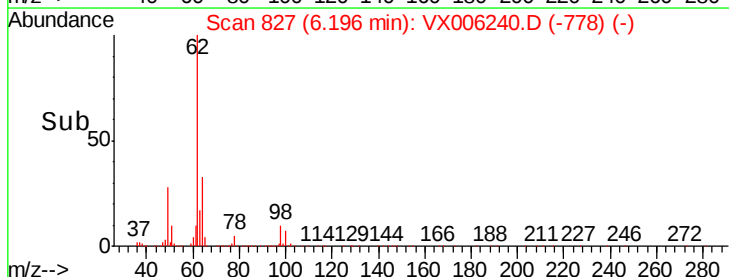
62 100

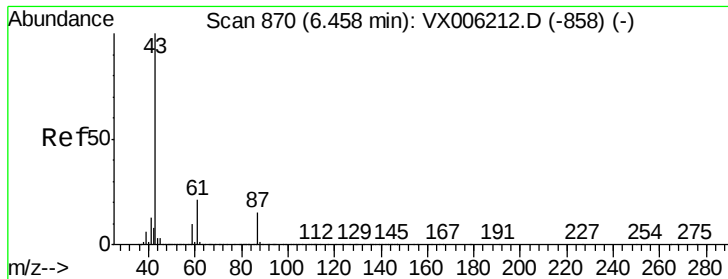
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



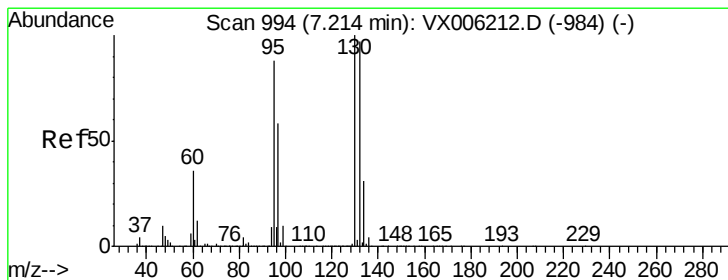
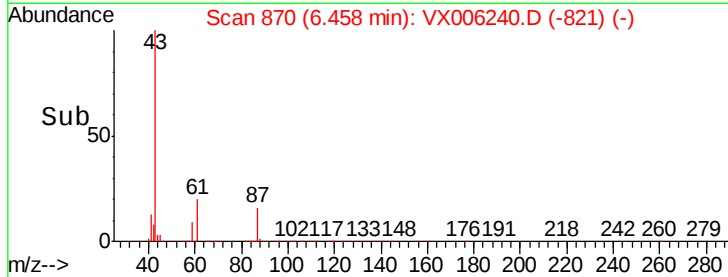
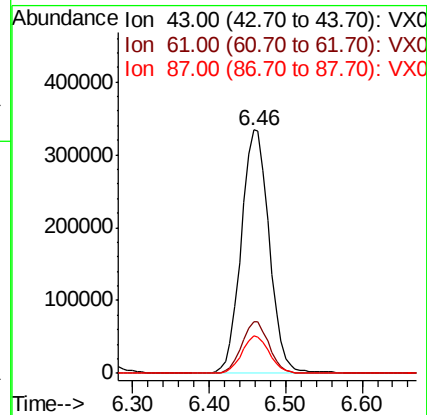
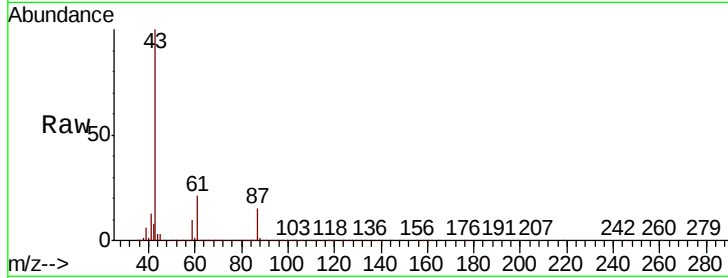


#43

Isopropyl Acetate
 Concen: 47.841 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

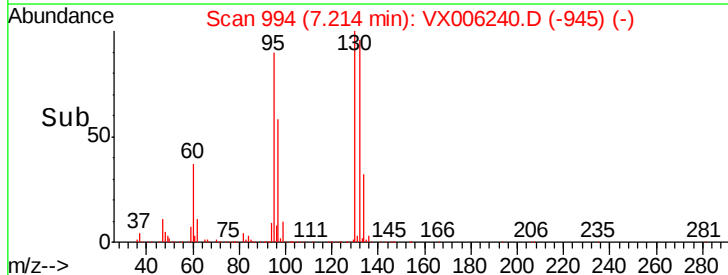
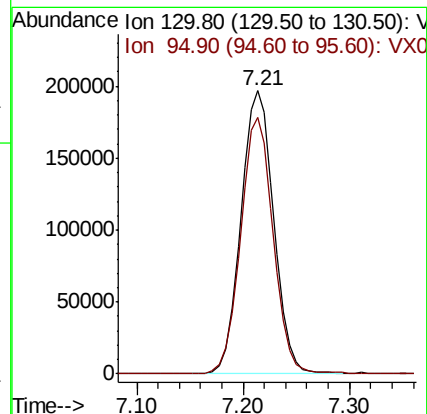
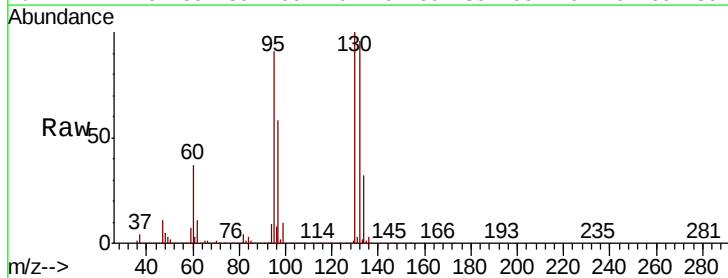
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.8	16.8	25.2
87	15.3	11.9	17.9



#44

Trichloroethene
 Concen: 49.669 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Tgt Ion	Ratio	Lower	Upper
130	100		
95	90.5	0.0	175.8

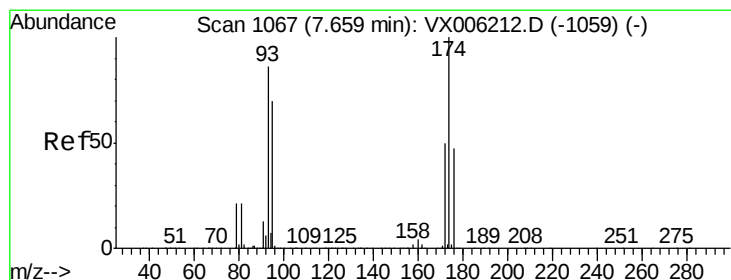
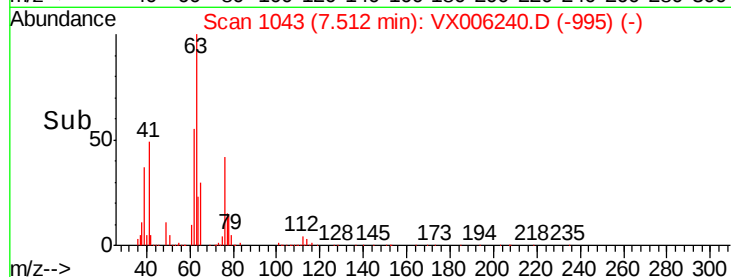
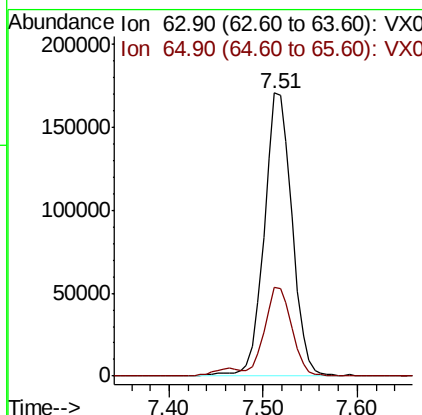
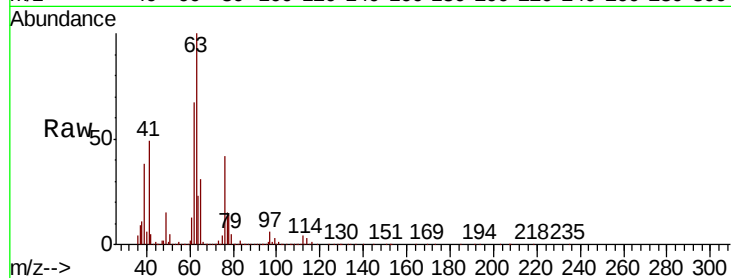




#45
 1,2-Dichloropropane
 Concen: 49.232 ug/l
 RT: 7.51 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

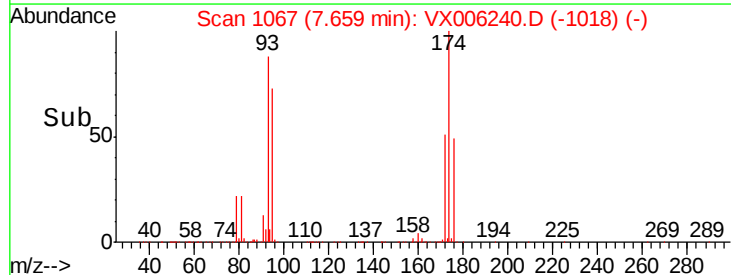
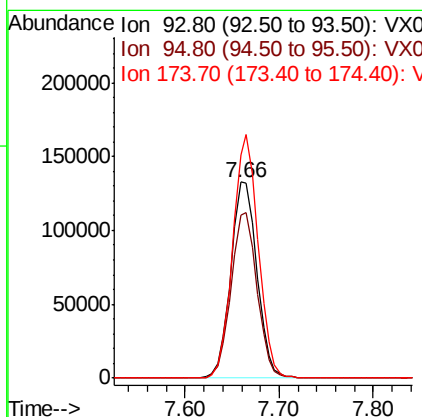
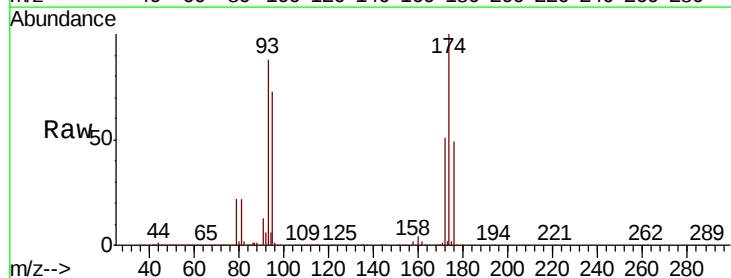
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

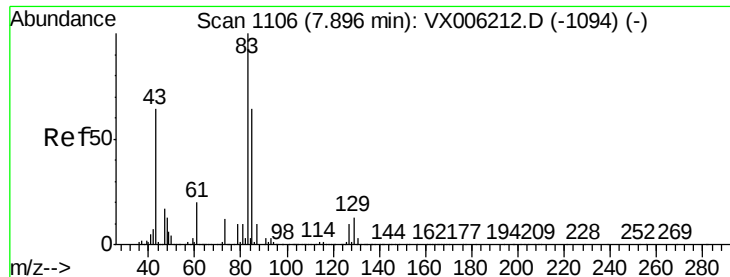
Tot Ion: 63 Resp: 353754
 Ion Ratio Lower Upper
 63 100
 65 31.1 24.3 36.5



#46
 Dibromomethane
 Concen: 49.560 ug/l
 RT: 7.66 min Scan# 1067
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Tgt Ion: 93 Resp: 257189
 Ion Ratio Lower Upper
 93 100
 95 83.9 66.2 99.4
 174 120.4 97.2 145.8





#47

Bromodichloromethane

Concen: 49.644 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

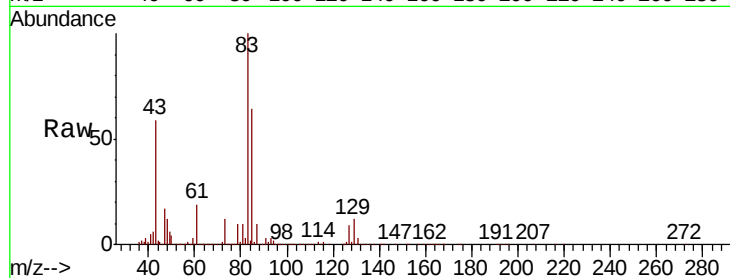
Tot Ion: 83 Resp: 498897

Ion Ratio Lower Upper

83 100

85 63.6 51.4 77.0

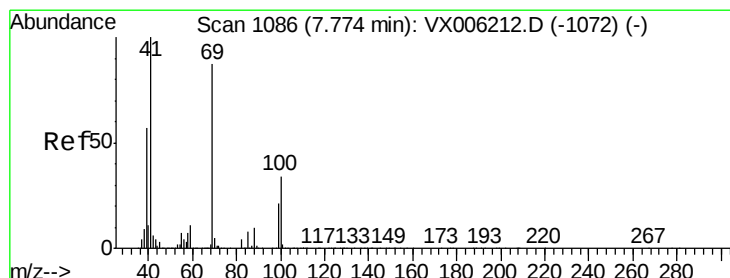
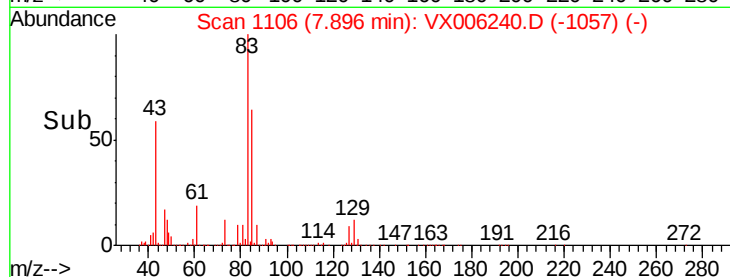
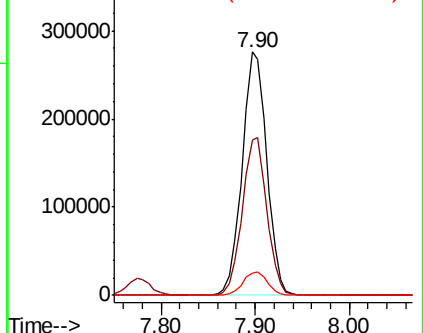
127 9.2 7.9 11.9



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: 48.775 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

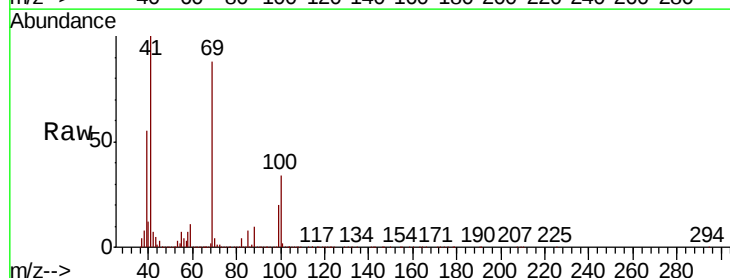
Tgt Ion: 41 Resp: 418208

Ion Ratio Lower Upper

41 100

69 88.9 70.3 105.5

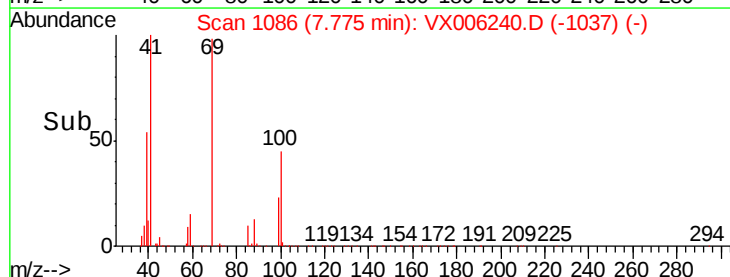
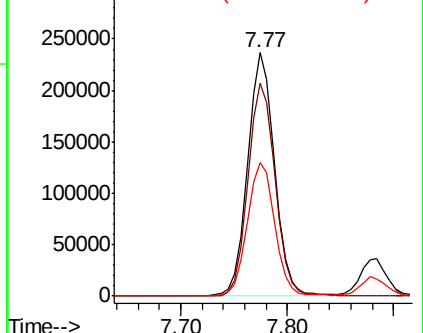
39 56.1 45.3 67.9

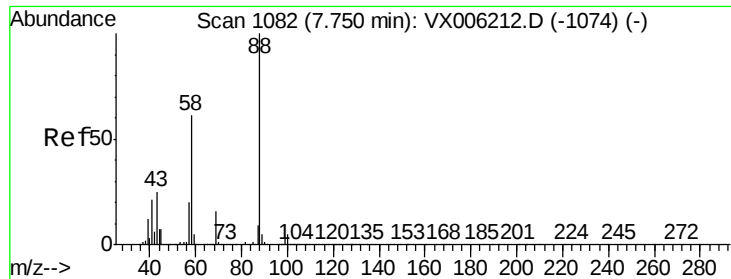


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 956.450 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

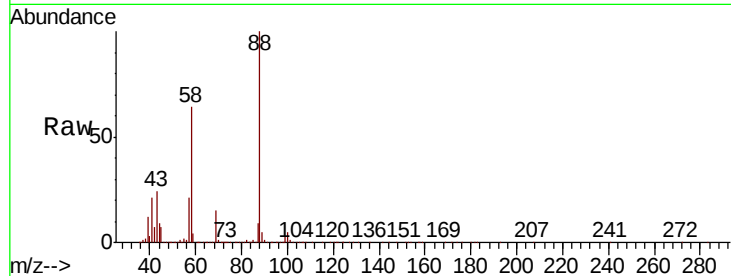
Tot Ion: 88 Resp: 202123

Ion Ratio Lower Upper

88 100

43 28.5 23.2 34.8

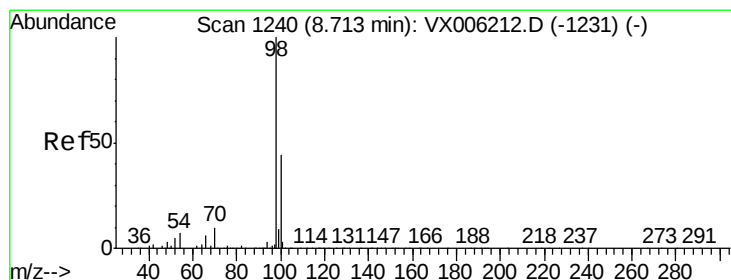
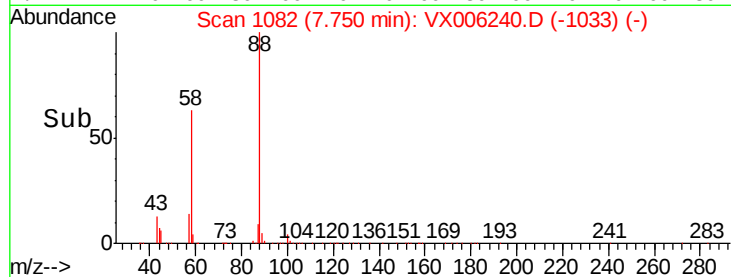
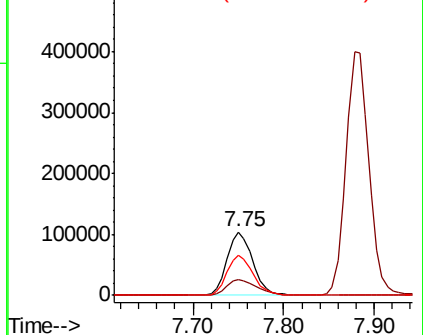
58 64.7 51.4 77.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 49.273 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006240.D

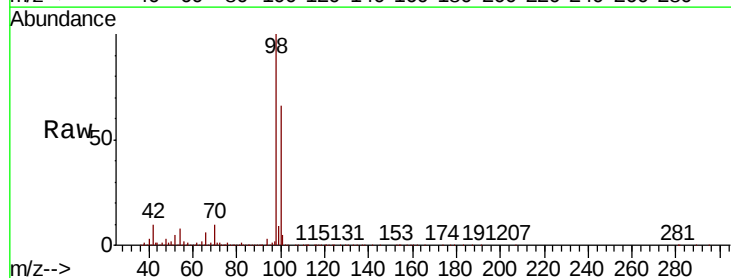
Acq: 30 Nov 2018 19:36

Tgt Ion: 98 Resp: 1300760

Ion Ratio Lower Upper

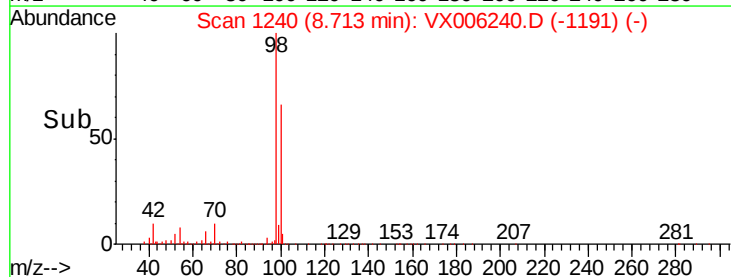
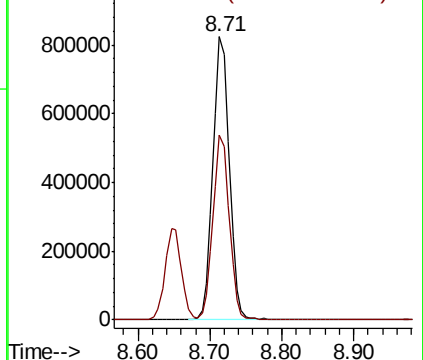
98 100

100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 241.672 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

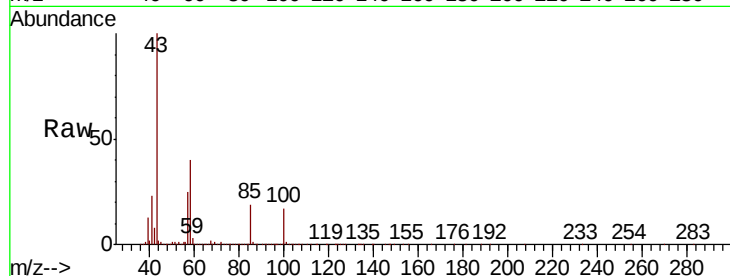
VSTDCCC050EC

Tot Ion: 43 Resp: 2479613

Ion Ratio Lower Upper

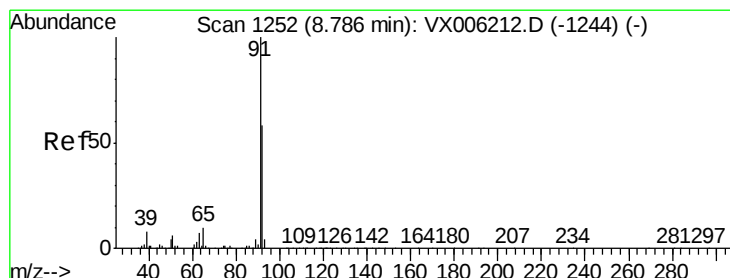
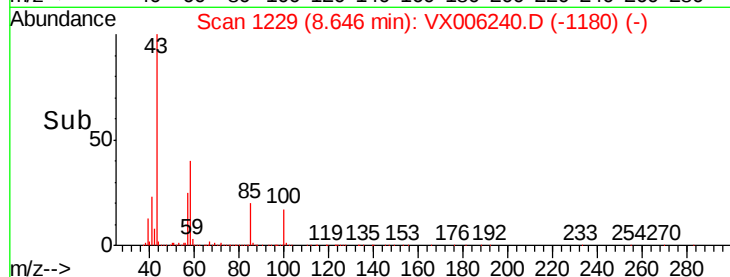
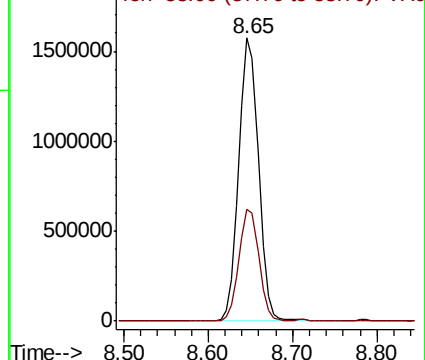
43 100

58 39.8 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.315 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. 0.00 min

Lab File: VX006240.D

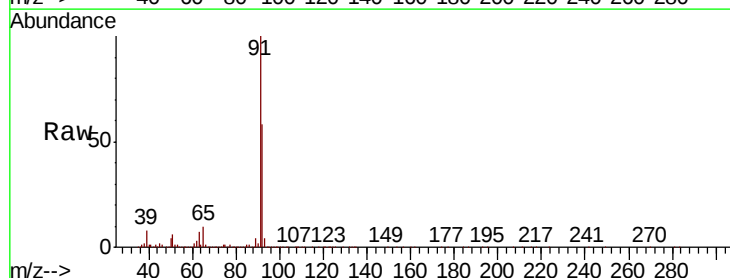
Acq: 30 Nov 2018 19:36

Tgt Ion: 92 Resp: 917273

Ion Ratio Lower Upper

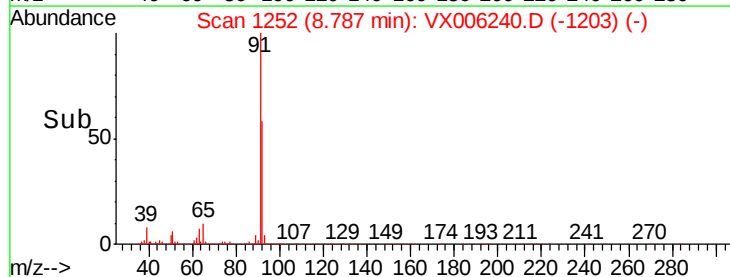
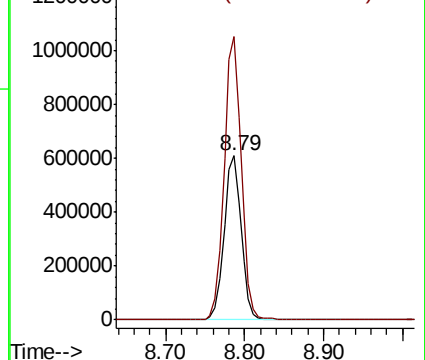
92 100

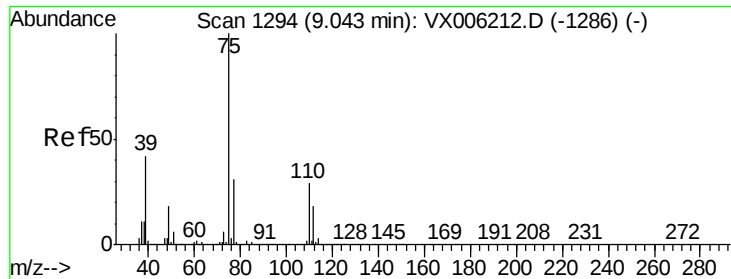
91 172.9 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

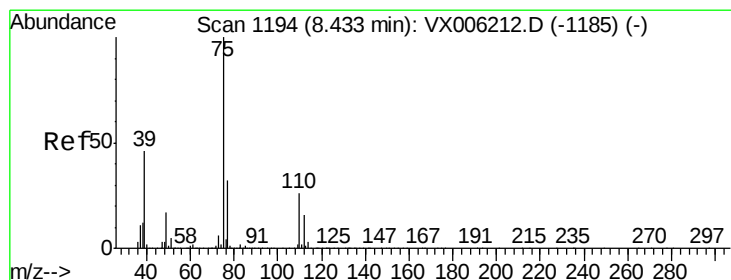
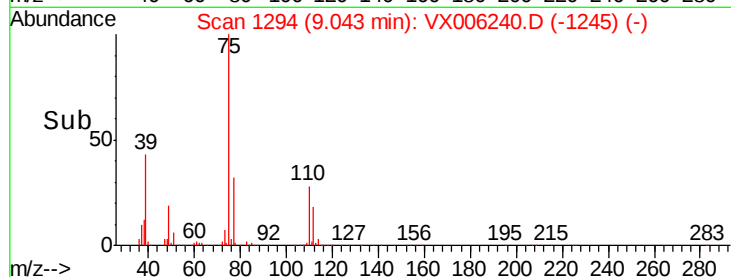
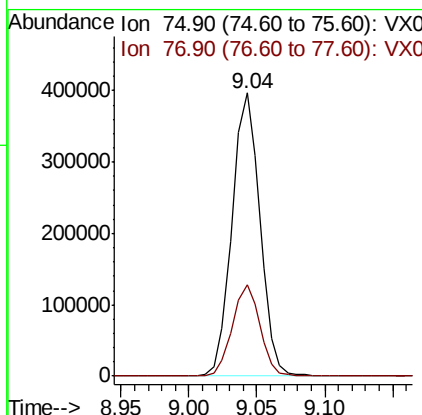
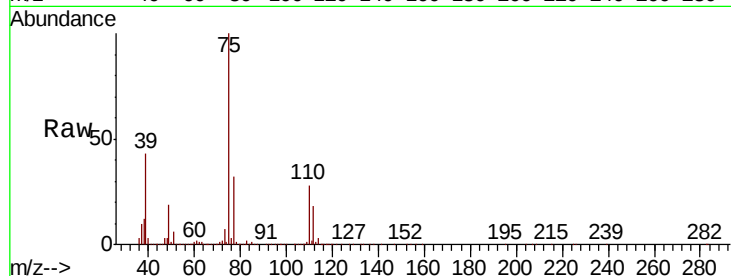




#53
t-1,3-Dichloropropene
Concen: 48.171 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

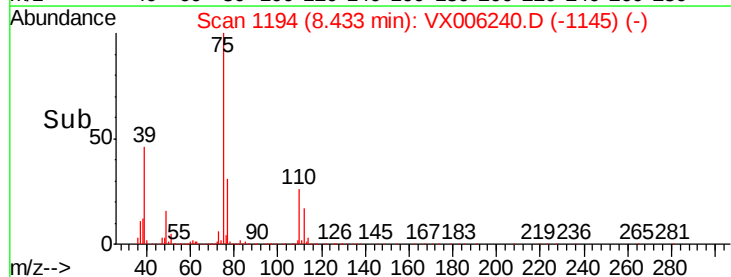
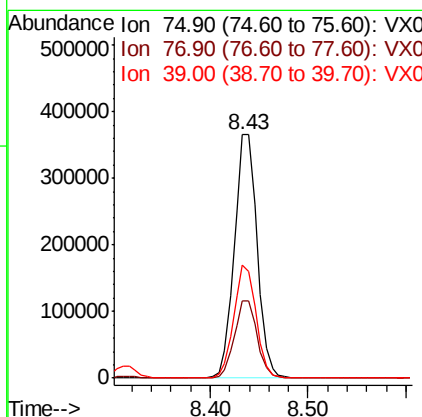
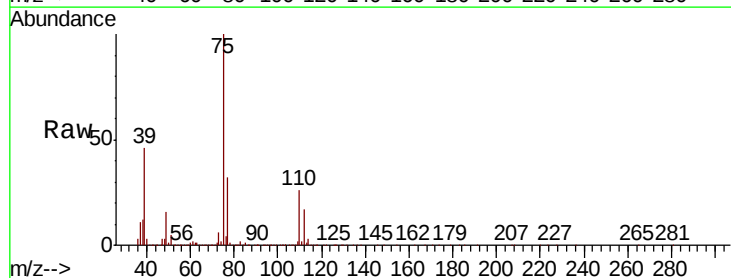
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

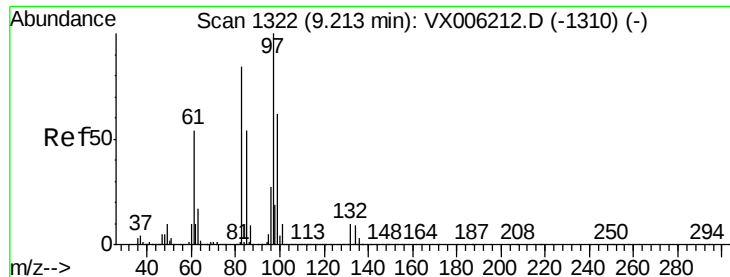
Tot Ion: 75 Resp: 566149
Ion Ratio Lower Upper
75 100
77 32.5 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 48.526 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion: 75 Resp: 592220
Ion Ratio Lower Upper
75 100
77 31.5 25.6 38.4
39 46.1 36.5 54.7

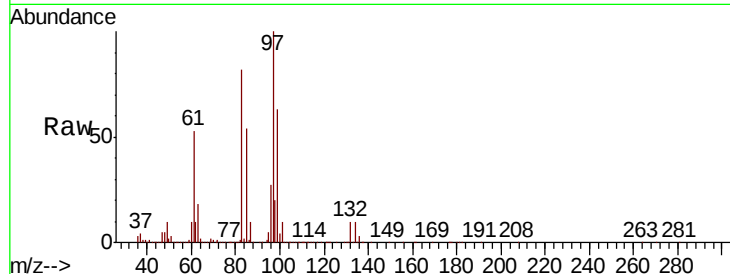




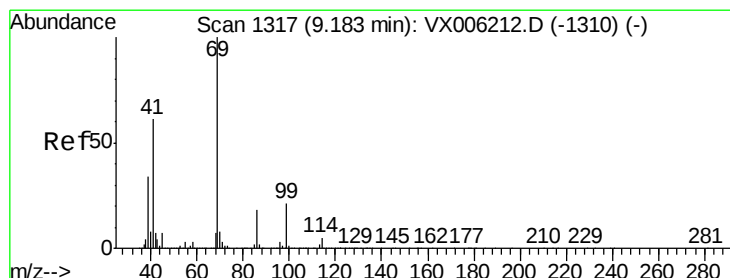
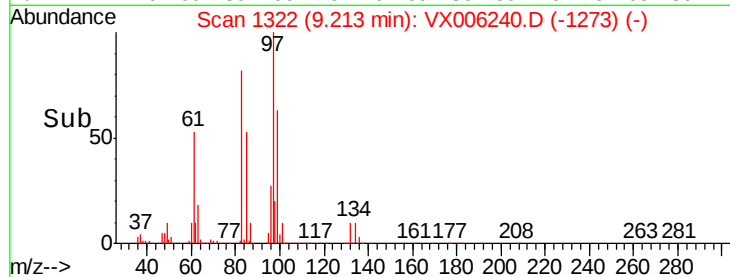
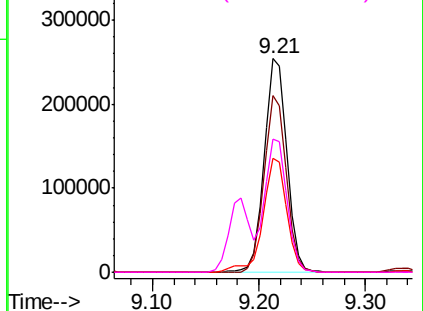
#55
 1,1,2-Trichloroethane
 Concen: 50.414 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	380949
Ion	Ratio	Lower	Upper
97	100		
83	82.3	67.1	100.7
85	53.5	43.2	64.8
99	62.6	49.8	74.6

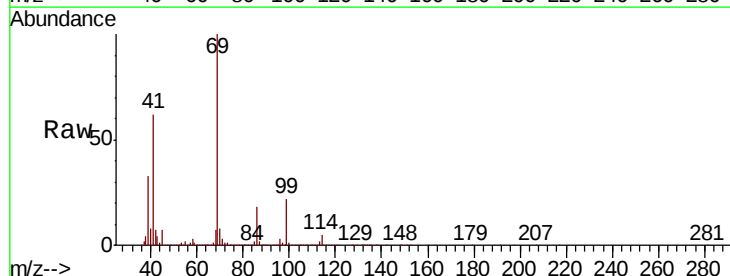


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

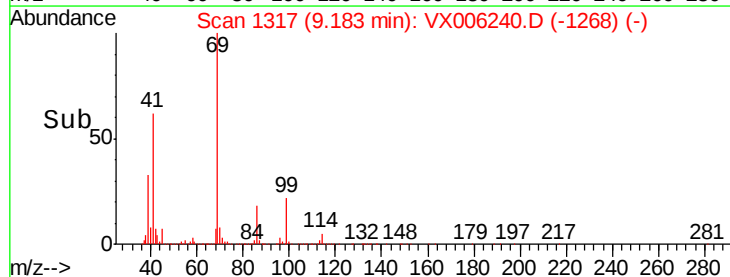
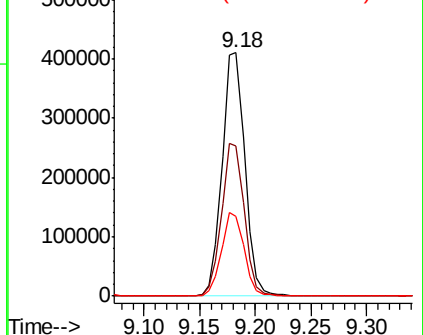


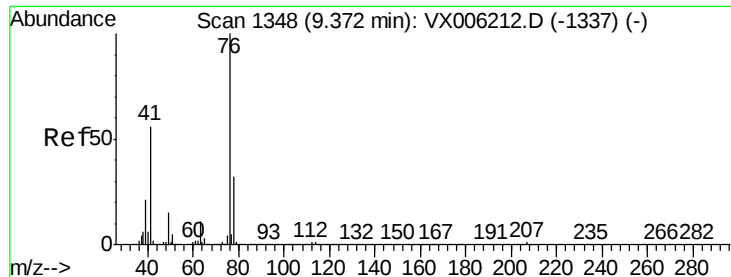
#56
 Ethyl methacrylate
 Concen: 49.193 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Tgt Ion:	69	Resp:	581122
Ion	Ratio	Lower	Upper
69	100		
41	62.7	50.6	76.0
39	33.9	27.6	41.4



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: 50.060 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

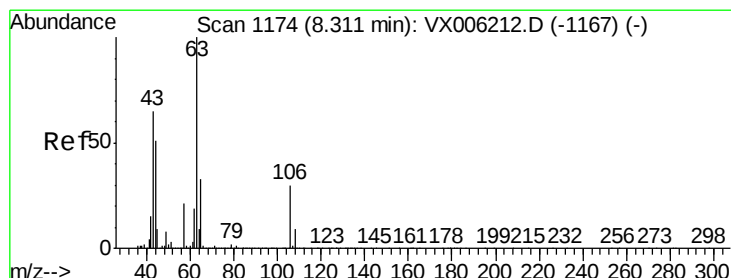
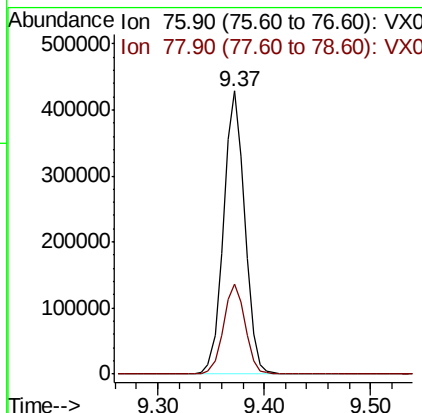
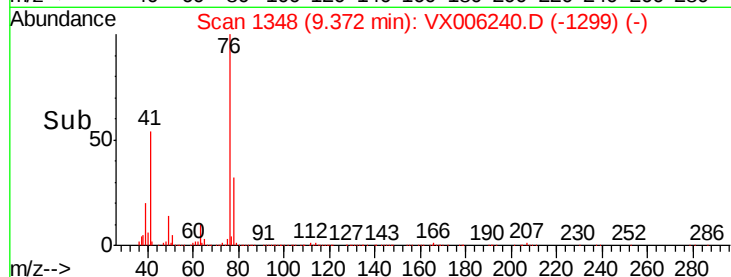
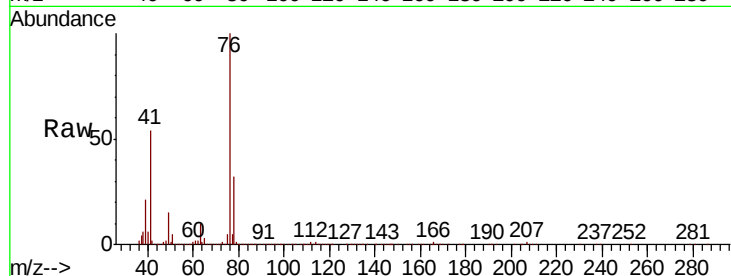
VSTDCCC050EC

Tot Ion: 76 Resp: 598163

Ion Ratio Lower Upper

76 100

78 32.3 26.1 39.1



#58

2-Chloroethyl Vinyl ether

Concen: 239.487 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX006240.D

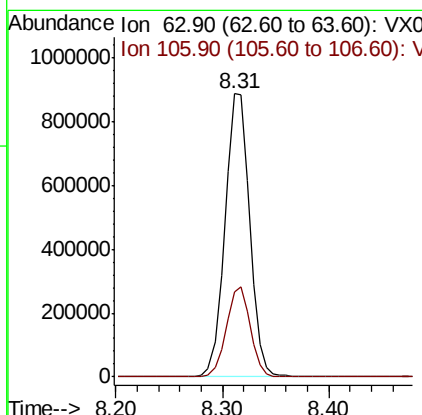
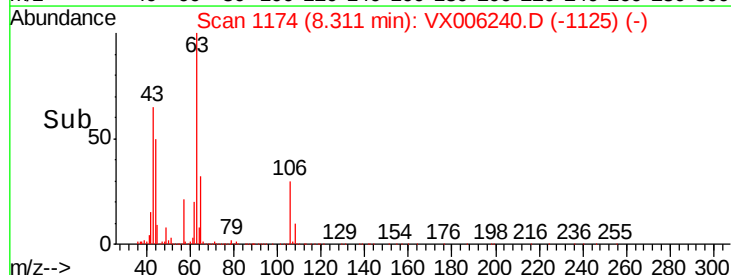
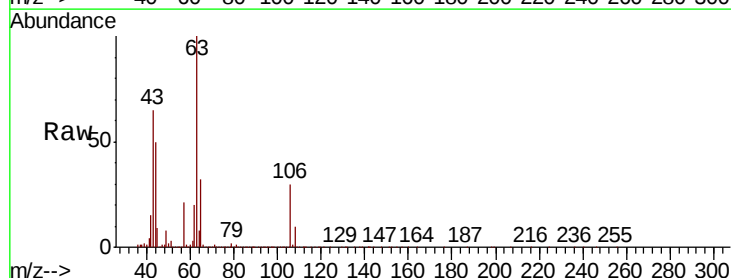
Acq: 30 Nov 2018 19:36

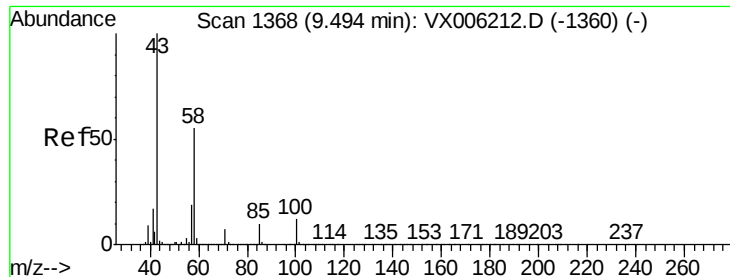
Tgt Ion: 63 Resp: 1435620

Ion Ratio Lower Upper

63 100

106 30.9 24.9 37.3

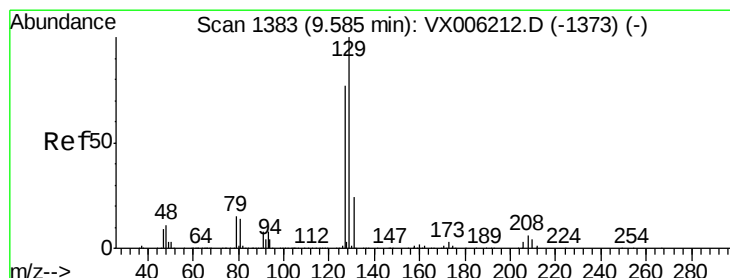
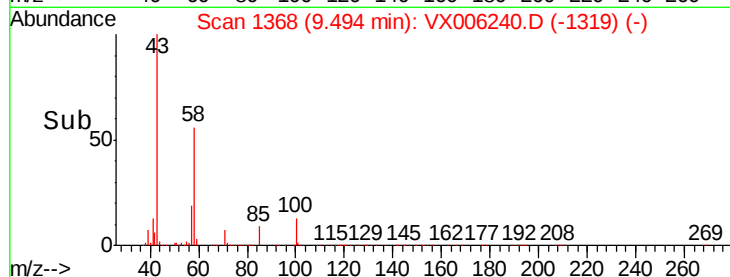
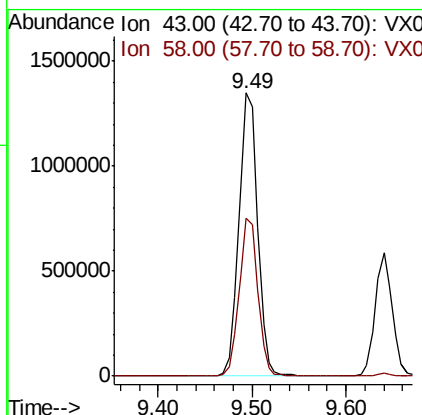
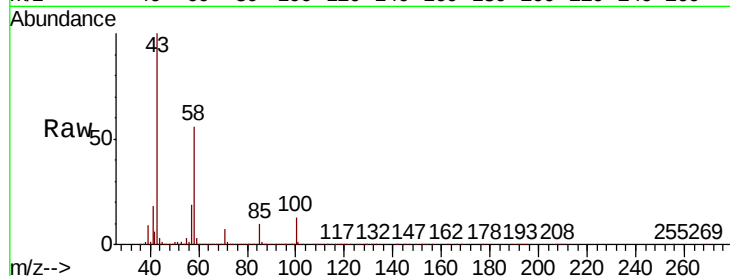




#59
2-Hexanone
Concen: 237.715 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

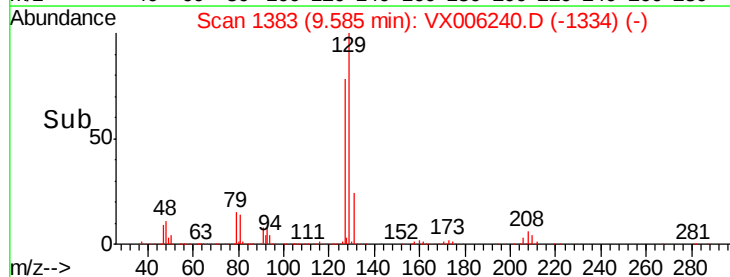
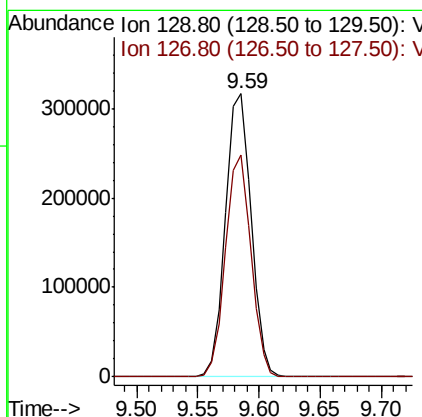
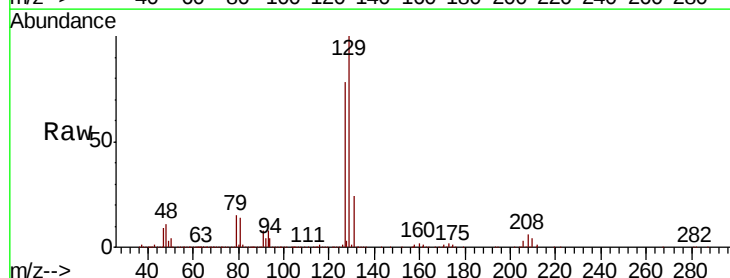
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

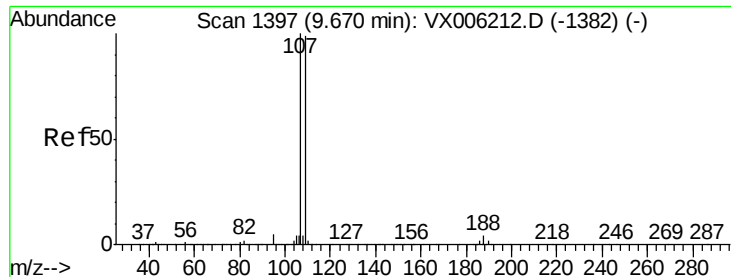
Tot Ion: 43 Resp: 1863410
Ion Ratio Lower Upper
43 100
58 55.6 27.7 83.1



#60
Dibromochloromethane
Concen: 49.443 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion: 129 Resp: 460700
Ion Ratio Lower Upper
129 100
127 77.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 49.505 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

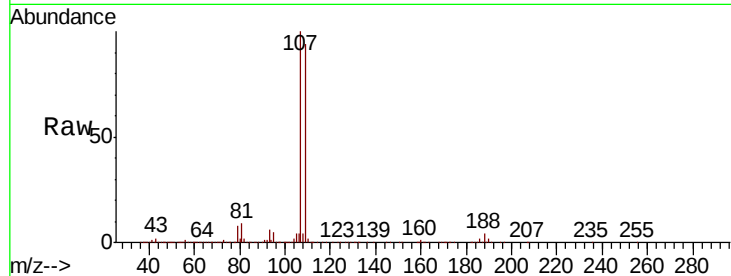
VSTDCCC050EC

Tot Ion:107 Resp: 418277

Ion Ratio Lower Upper

107 100

109 94.3 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

300000

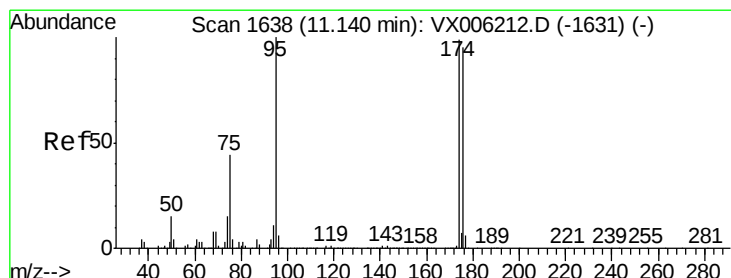
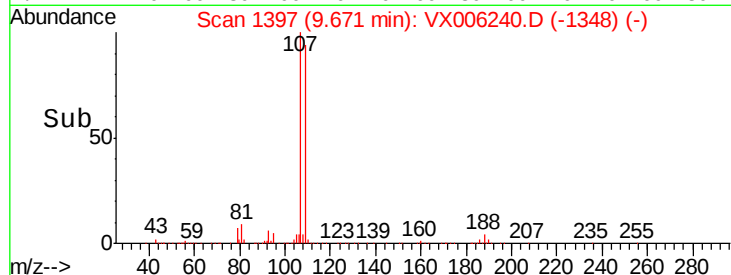
200000

100000

0

9.60 9.70

Time-->



#62

4-Bromofluorobenzene

Concen: 49.446 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

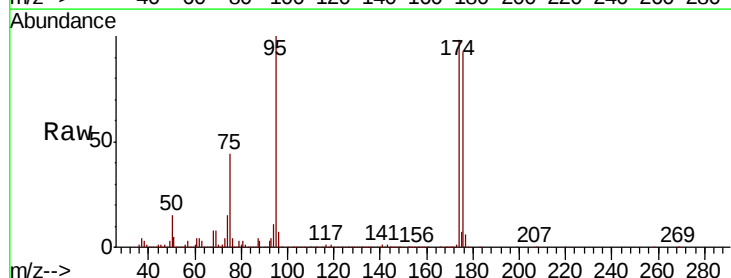
Tgt Ion: 95 Resp: 491885

Ion Ratio Lower Upper

95 100

174 93.3 0.0 187.0

176 89.1 0.0 181.8



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

500000

400000

300000

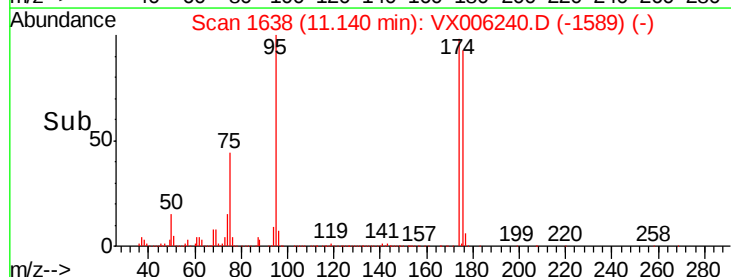
200000

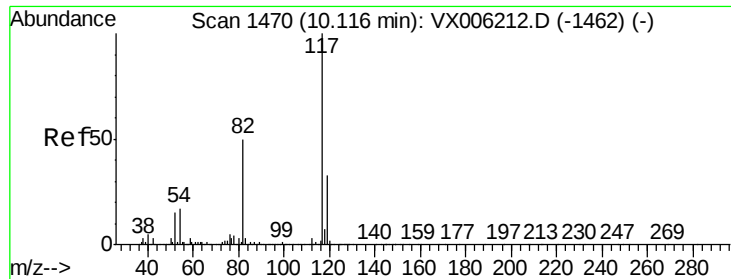
100000

0

11.10 11.20

Time-->

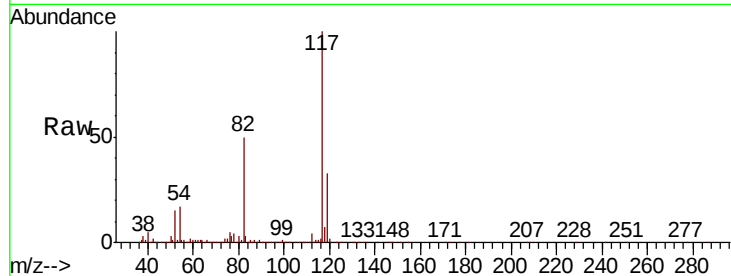




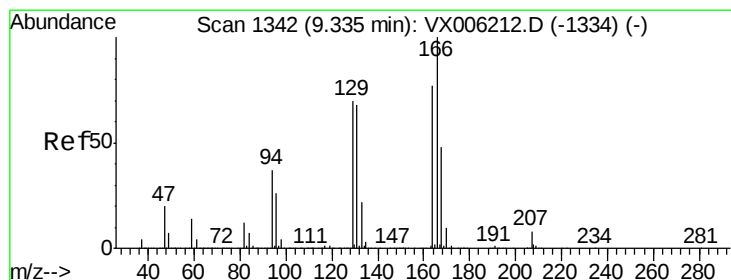
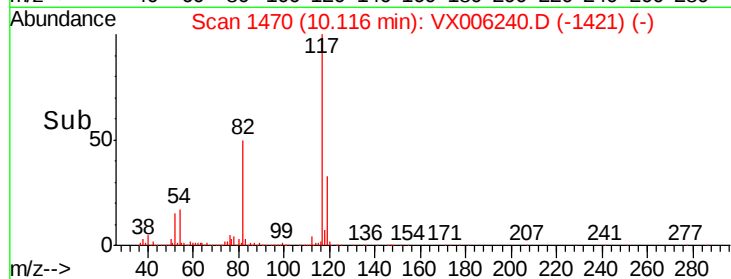
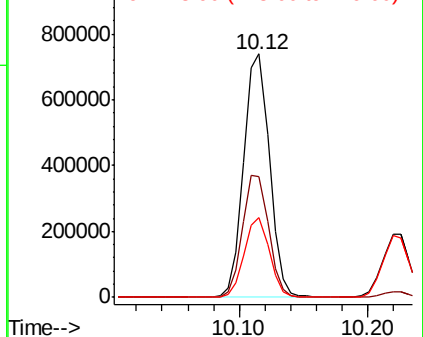
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:117 Resp: 1022538
Ion Ratio Lower Upper
117 100
82 49.8 39.6 59.4
119 32.7 26.3 39.5

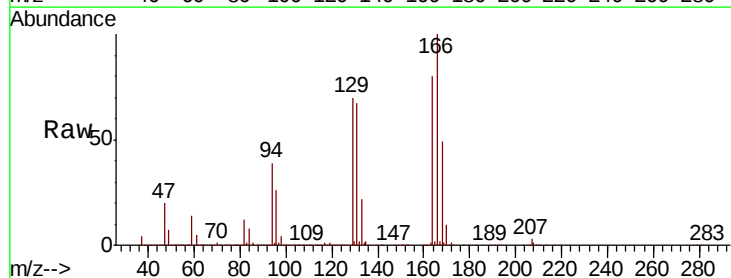


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX
Ion 118.90 (118.60 to 119.60): V

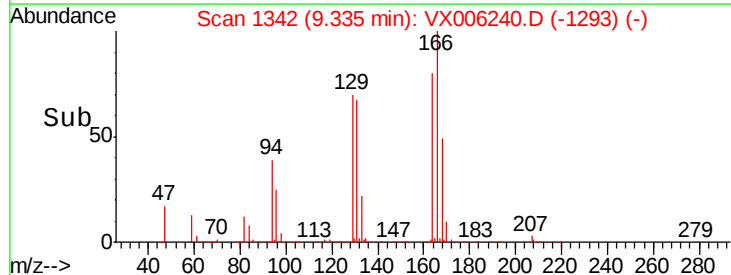
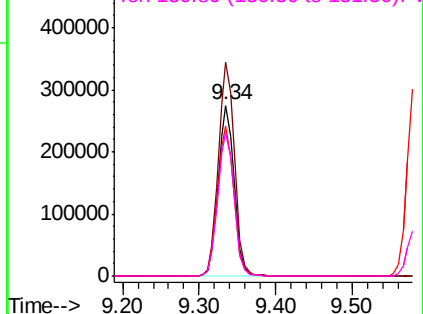


#64
Tetrachloroethene
Concen: 51.185 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion:164 Resp: 394160
Ion Ratio Lower Upper
164 100
166 125.3 104.2 156.2
129 88.0 72.6 108.8
131 84.3 70.3 105.5



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

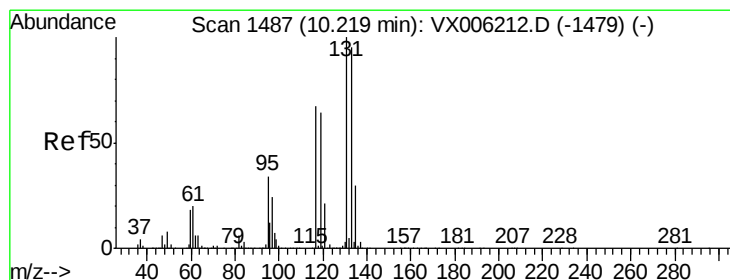
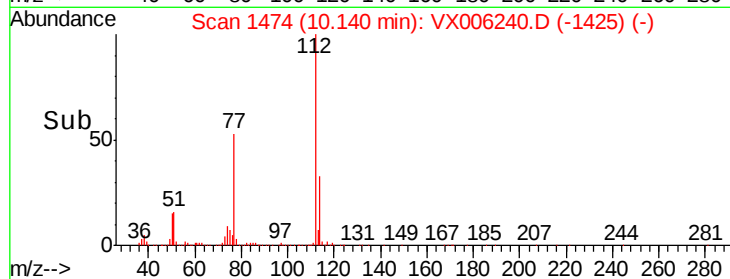
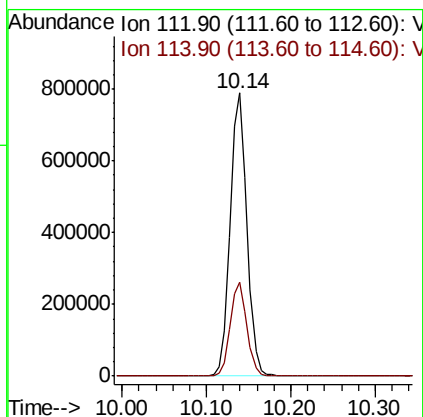
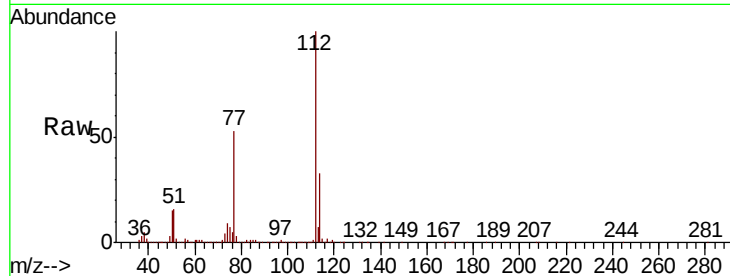




#65
Chlorobenzene
Concen: 49.285 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

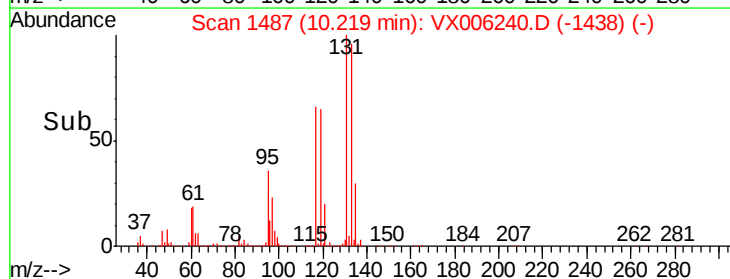
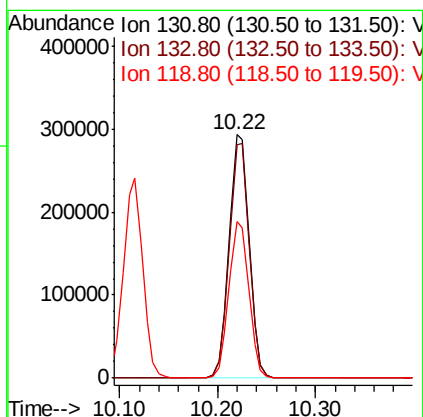
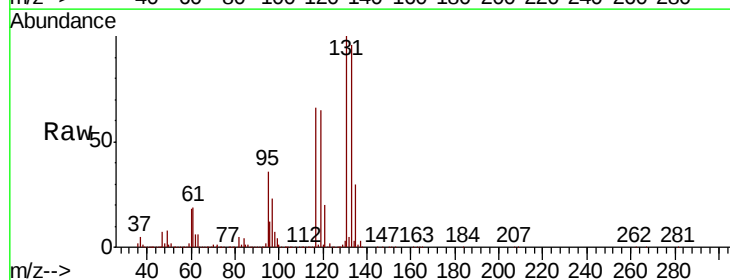
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

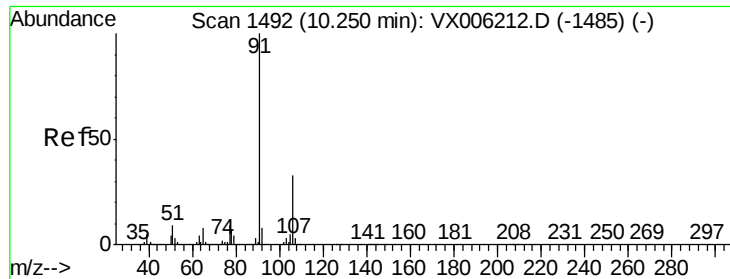
Tot Ion:112 Resp: 1069795
Ion Ratio Lower Upper
112 100
114 33.1 25.4 38.2



#66
1,1,1,2-Tetrachloroethane
Concen: 49.664 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion:131 Resp: 418852
Ion Ratio Lower Upper
131 100
133 95.8 48.1 144.4
119 64.1 32.1 96.3





#67

Ethyl Benzene

Concen: 48.946 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

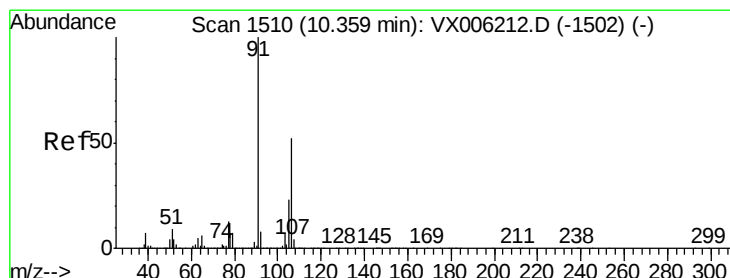
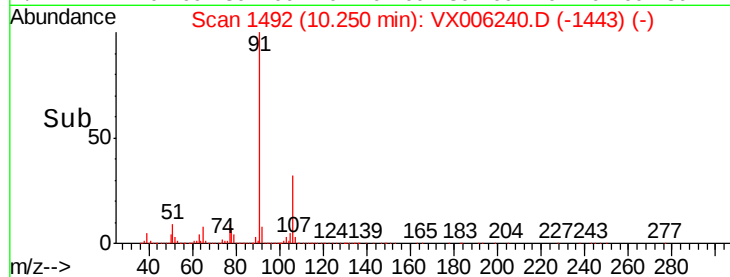
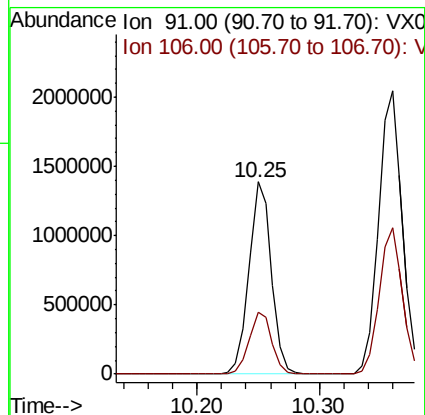
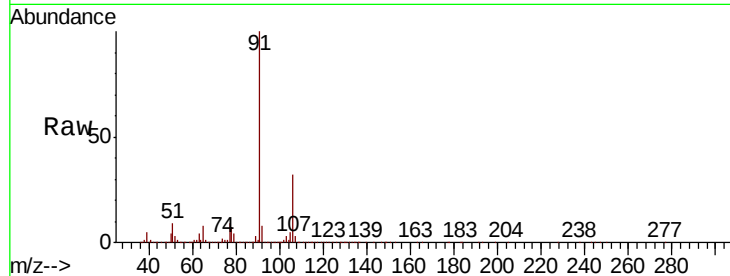
VSTDCCC050EC

Tot Ion: 91 Resp: 1767041

Ion Ratio Lower Upper

91 100

106 32.3 26.5 39.7



#68

m/p-Xylenes

Concen: 97.244 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006240.D

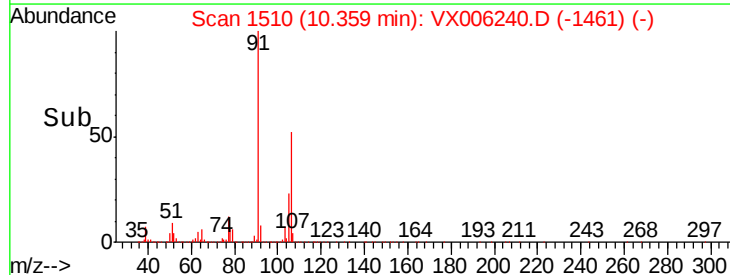
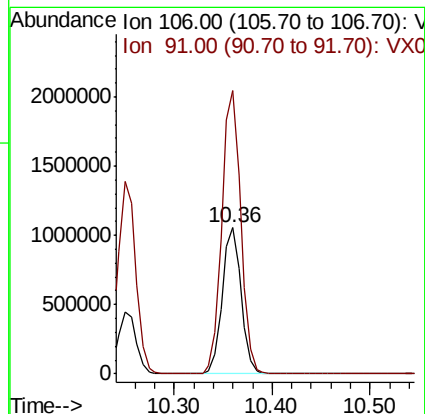
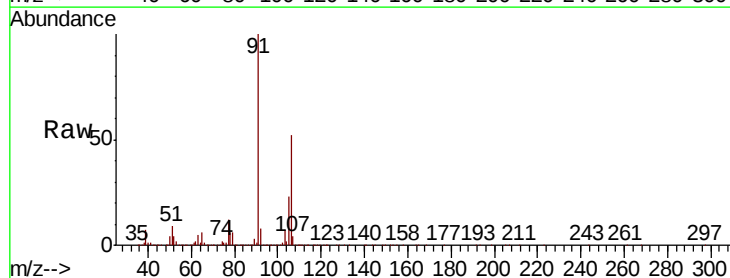
Acq: 30 Nov 2018 19:36

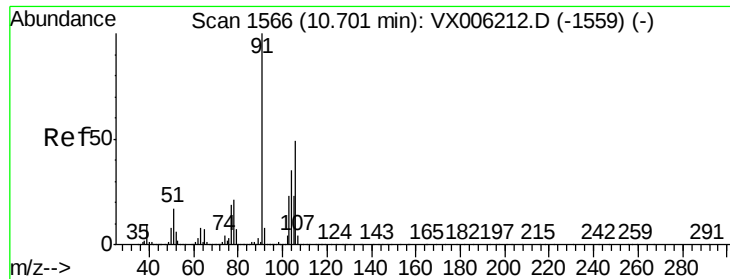
Tgt Ion: 106 Resp: 1406281

Ion Ratio Lower Upper

106 100

91 195.2 155.2 232.8

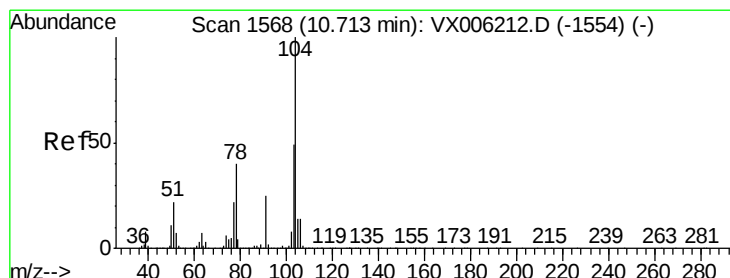
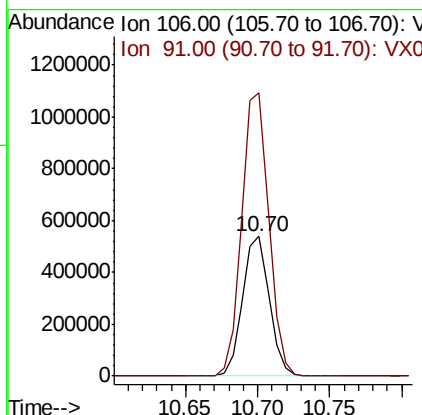
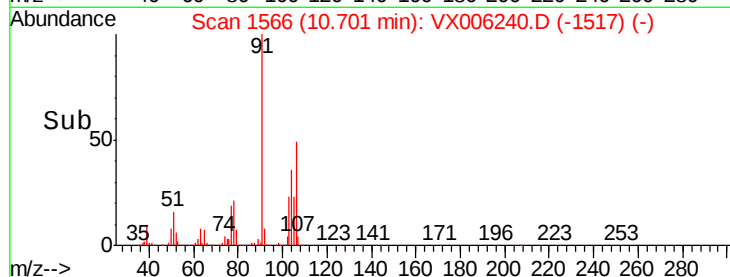
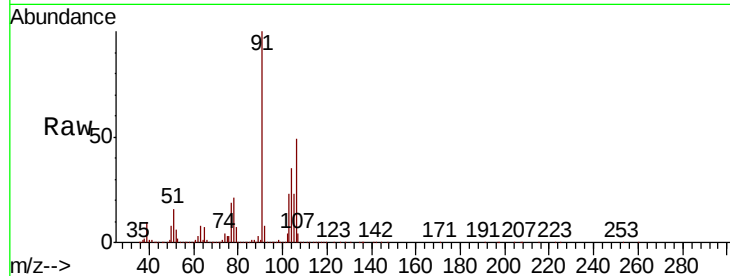




#69
o-Xylene
Concen: 48.320 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

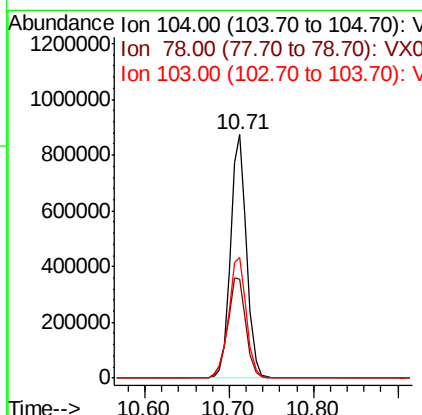
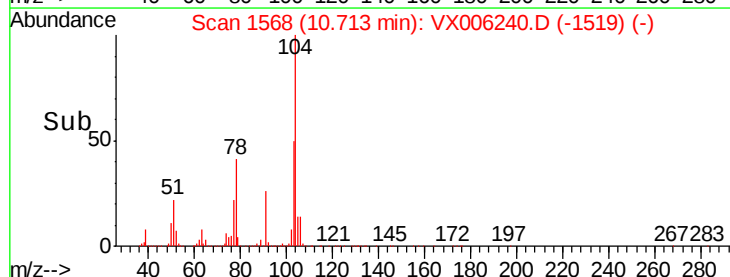
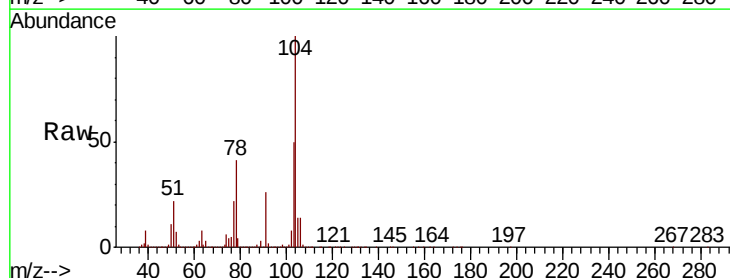
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

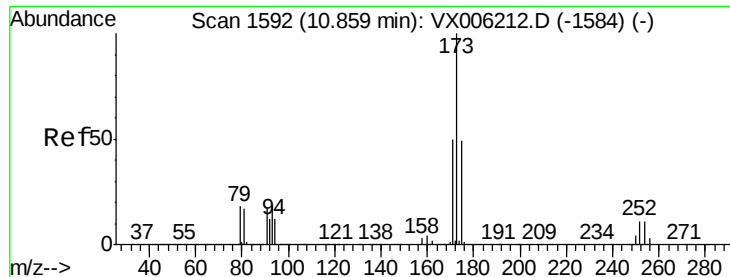
Tot Ion:106 Resp: 690218
Ion Ratio Lower Upper
106 100
91 206.5 101.8 305.6



#70
Styrene
Concen: 49.004 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion:104 Resp: 1132134
Ion Ratio Lower Upper
104 100
78 47.2 37.2 55.8
103 55.0 43.5 65.3





#71

Bromoform

Concen: 49.067 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

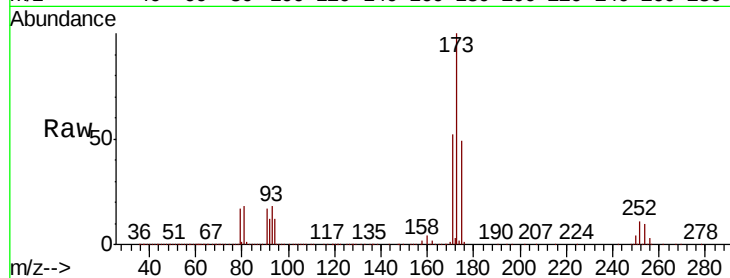
Tot Ion:173 Resp: 390636

Ion Ratio Lower Upper

173 100

175 48.5 24.6 73.8

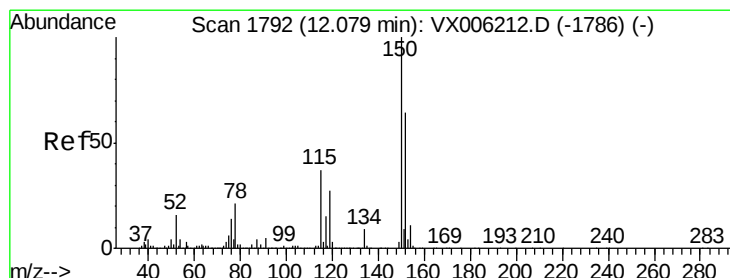
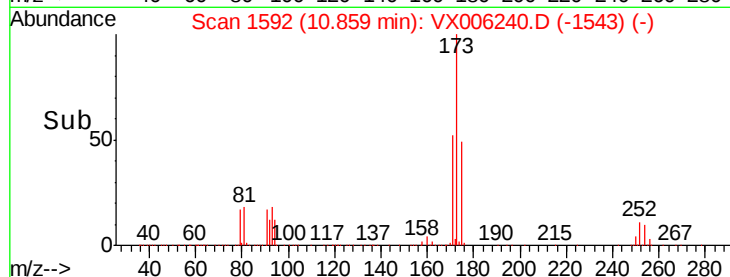
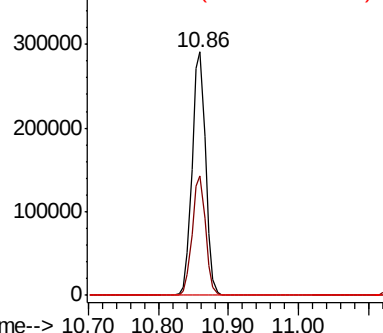
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

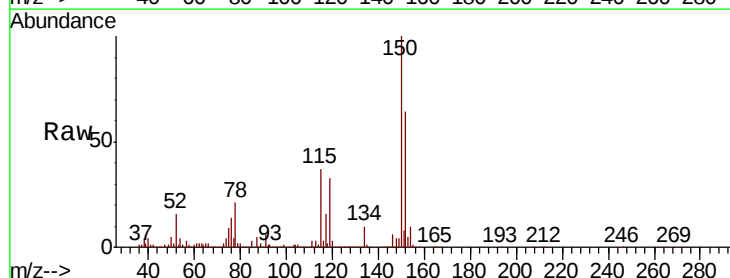
Tgt Ion:152 Resp: 524164

Ion Ratio Lower Upper

152 100

115 78.0 39.0 116.9

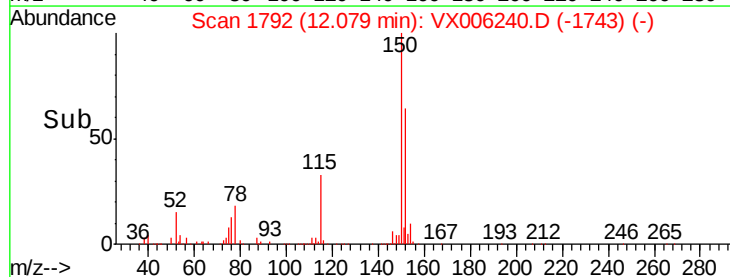
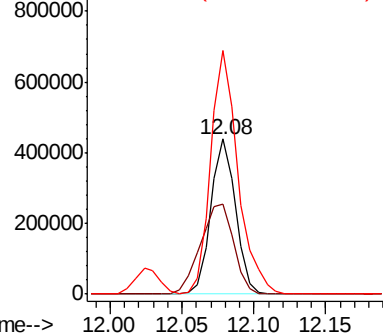
150 173.3 0.0 345.8

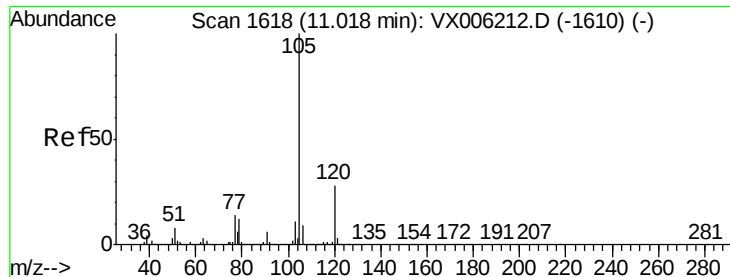


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 50.378 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

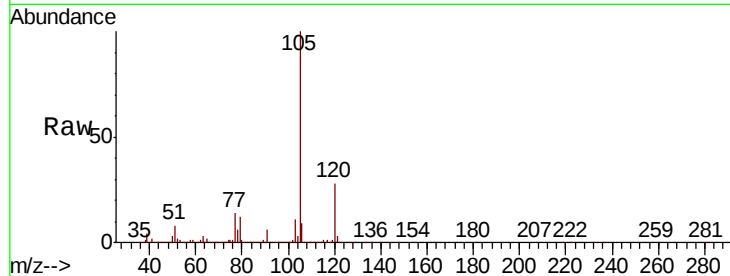
VSTDCCC050EC

Tot Ion:105 Resp: 1823580

Ion Ratio Lower Upper

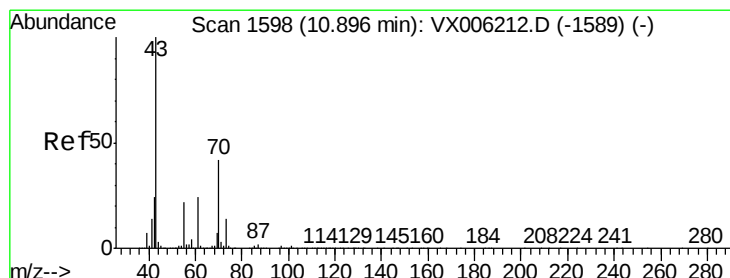
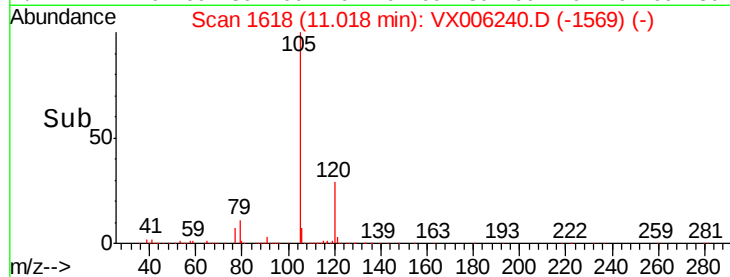
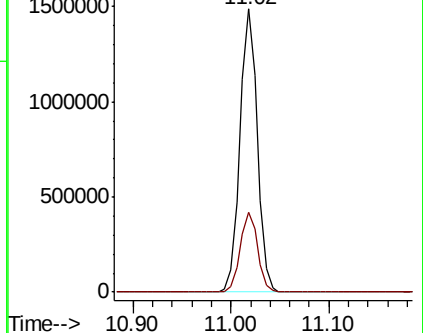
105 100

120 28.3 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.756 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Tgt Ion: 43 Resp: 744400

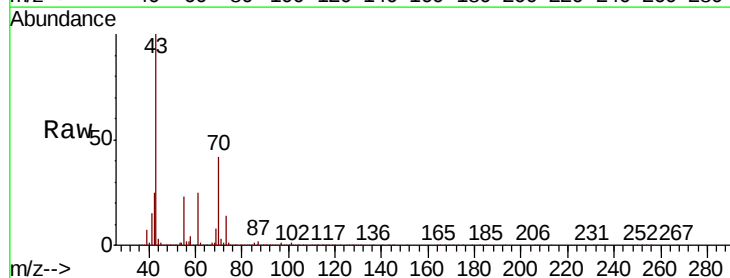
Ion Ratio Lower Upper

43 100

70 43.0 34.1 51.1

55 23.0 17.8 26.8

61 25.1 19.7 29.5

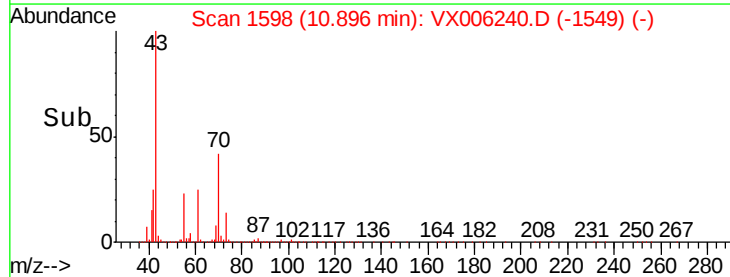
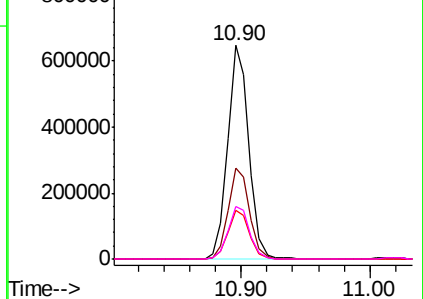


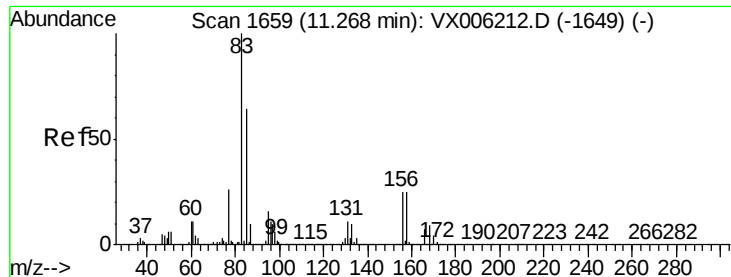
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 49.140 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

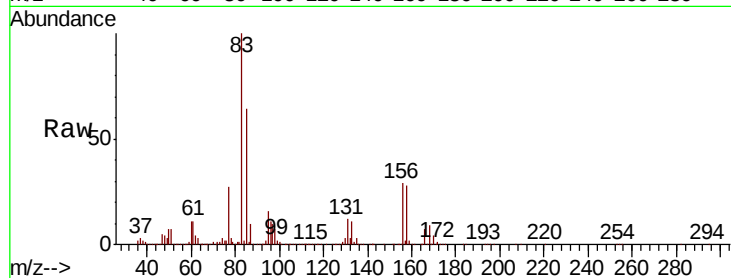
Tot Ion: 83 Resp: 569067

Ion Ratio Lower Upper

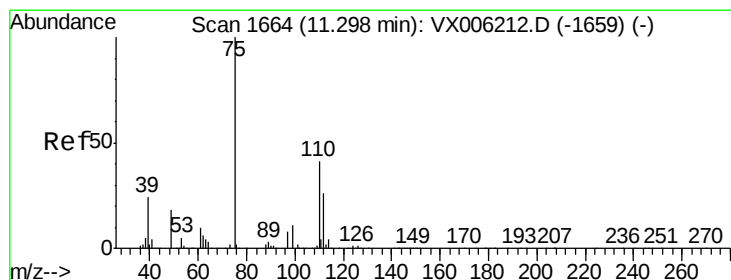
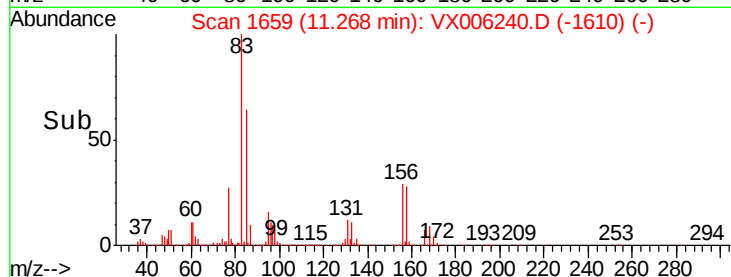
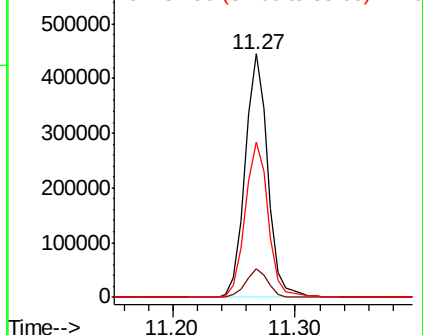
83 100

131 11.4 5.7 17.1

85 64.8 32.1 96.5



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



#76

1,2,3-Trichloropropane

Concen: 68.123 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006240.D

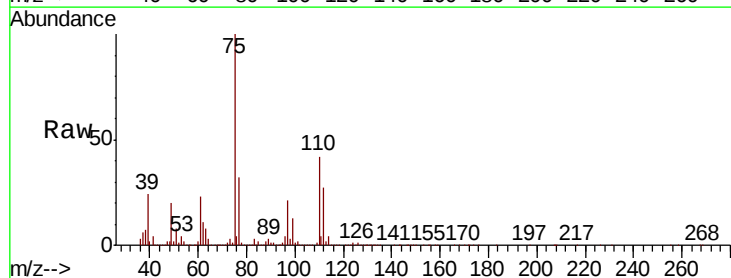
Acq: 30 Nov 2018 19:36

Tgt Ion: 75 Resp: 689217

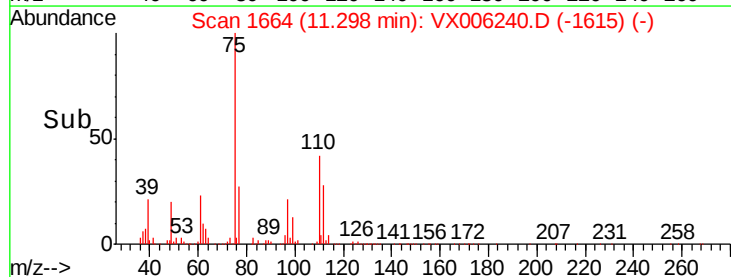
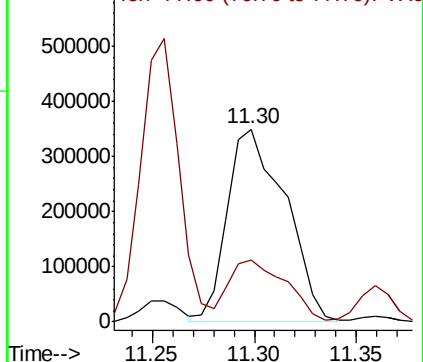
Ion Ratio Lower Upper

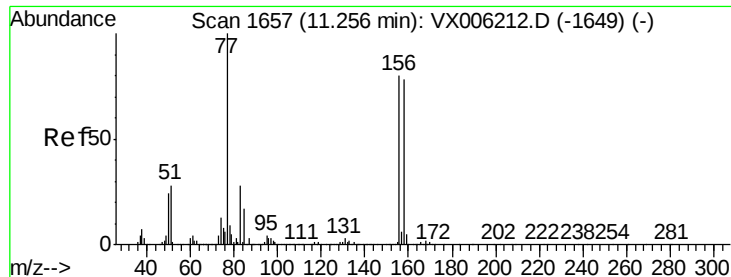
75 100

77 31.4 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.218 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

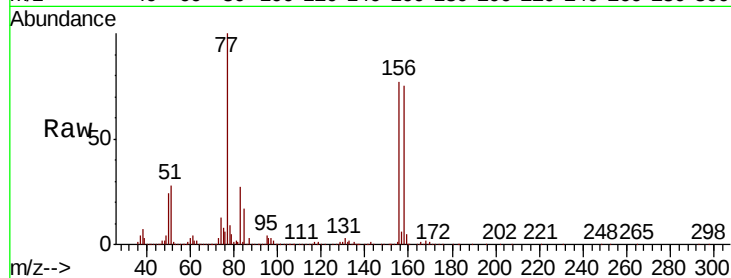
Tot Ion:156 Resp: 504466

Ion Ratio Lower Upper

156 100

77 133.0 66.2 198.6

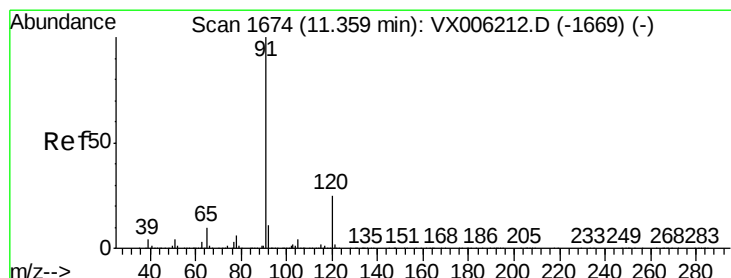
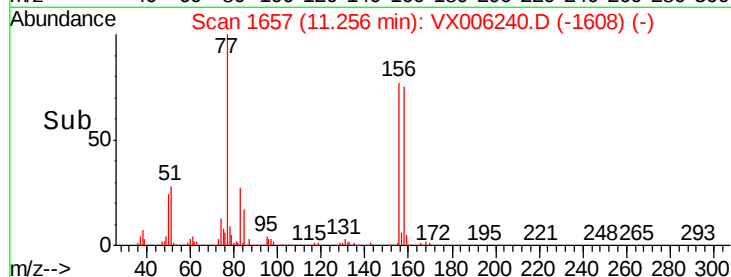
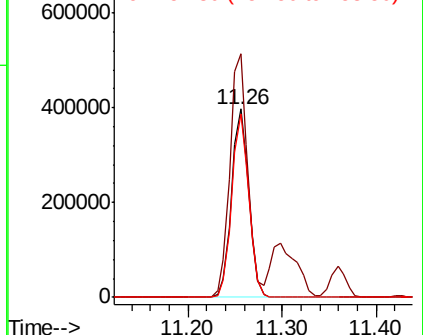
158 96.6 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.372 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006240.D

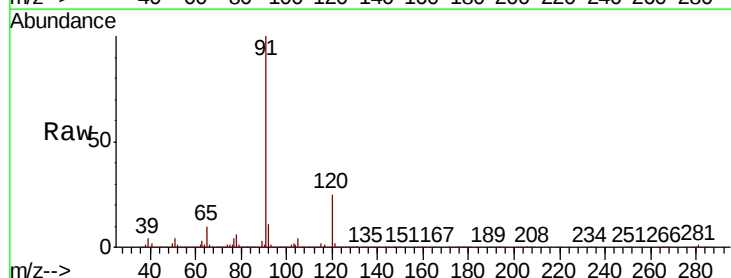
Acq: 30 Nov 2018 19:36

Tgt Ion: 91 Resp: 2026849

Ion Ratio Lower Upper

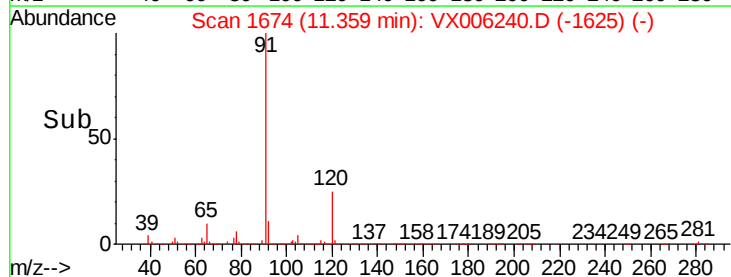
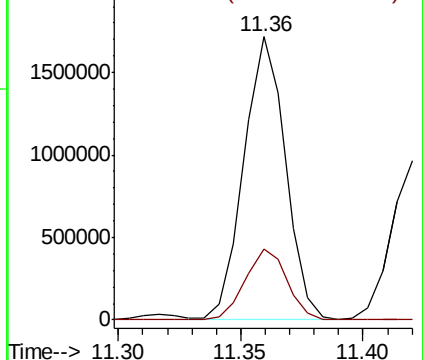
91 100

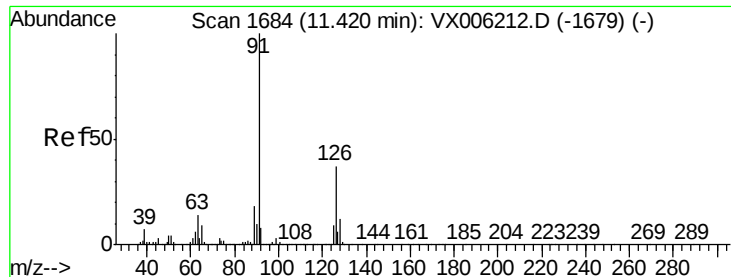
120 25.5 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.037 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

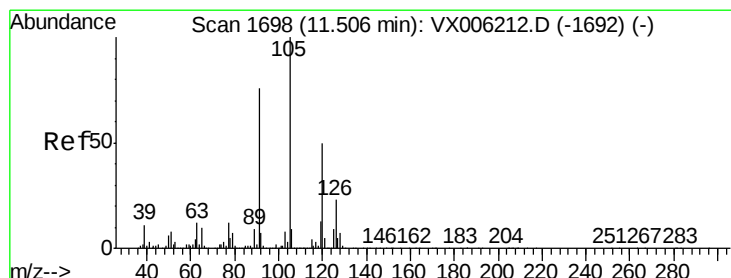
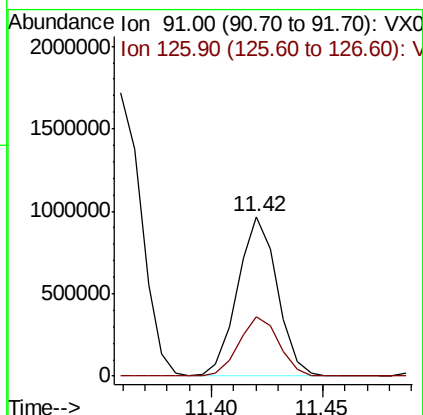
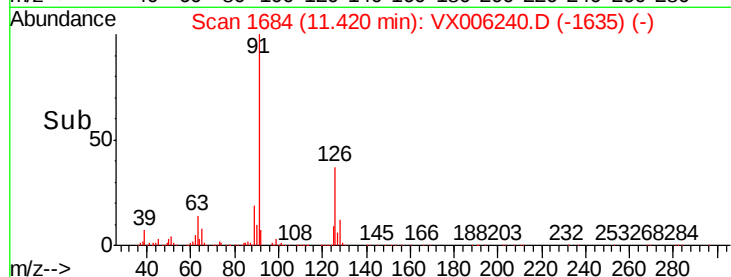
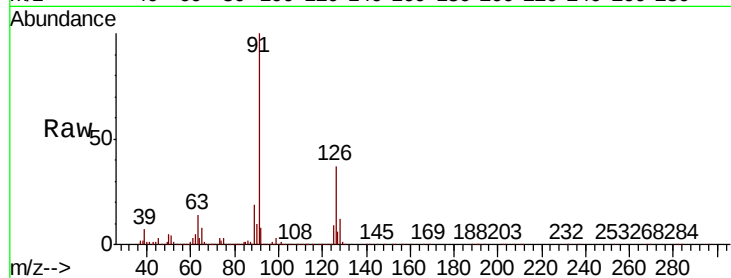
VSTDCCC050EC

Tot Ion: 91 Resp: 1196664

Ion Ratio Lower Upper

91 100

126 37.5 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 50.003 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006240.D

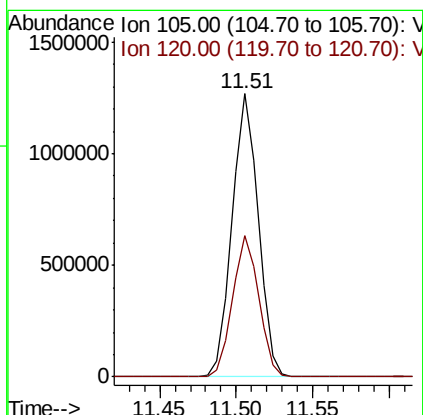
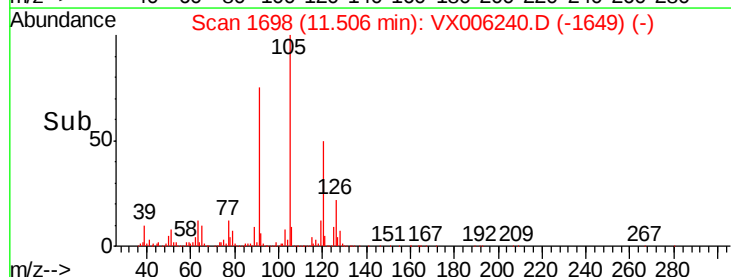
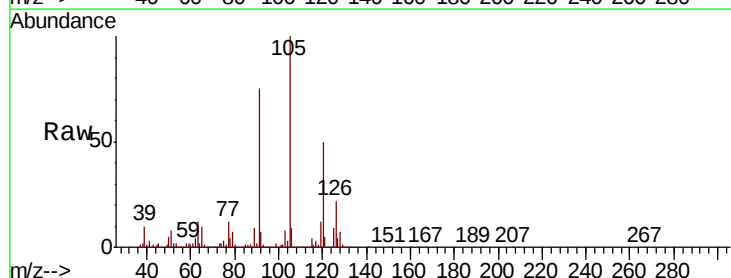
Acq: 30 Nov 2018 19:36

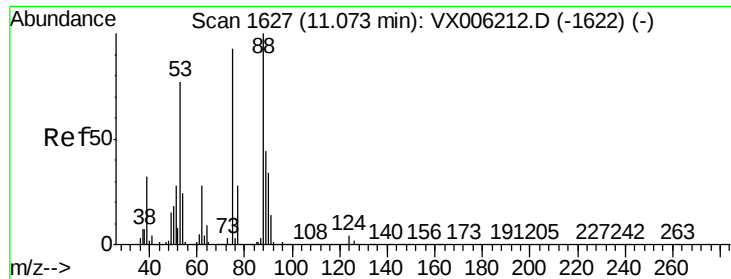
Tgt Ion: 105 Resp: 1505985

Ion Ratio Lower Upper

105 100

120 50.0 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 47.712 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

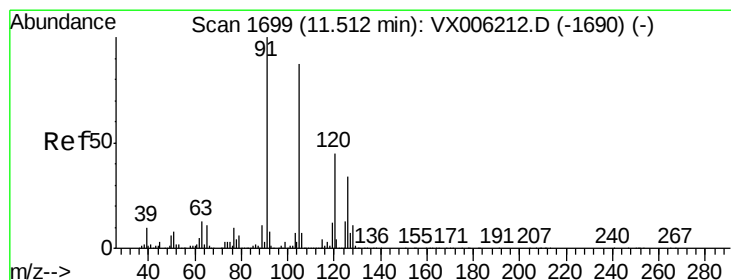
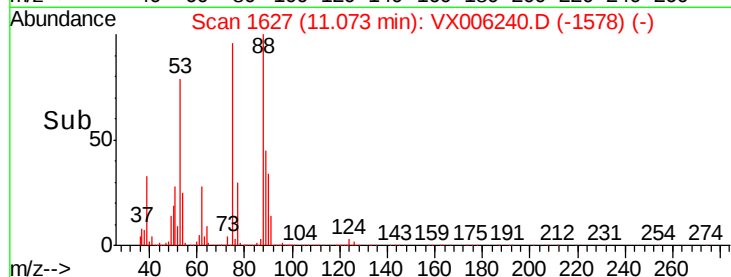
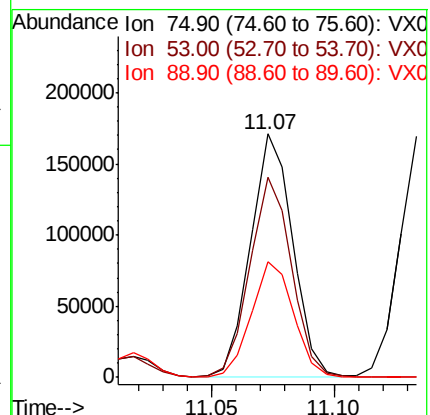
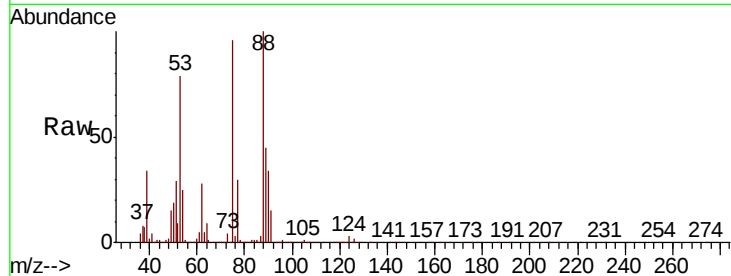
Tot Ion: 75 Resp: 205696

Ion Ratio Lower Upper

75 100

53 81.2 64.4 96.6

89 47.8 44.2 66.4



#82

4-Chlorotoluene

Concen: 49.706 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX006240.D

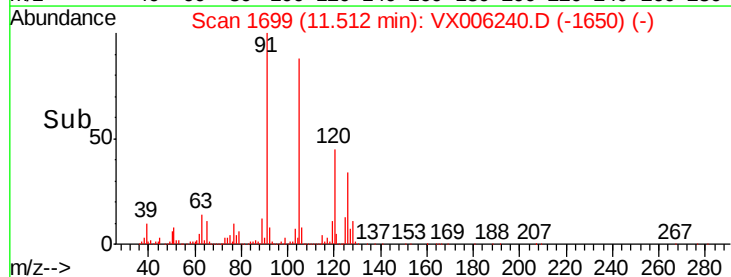
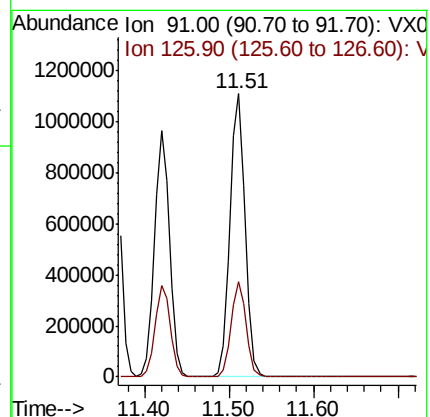
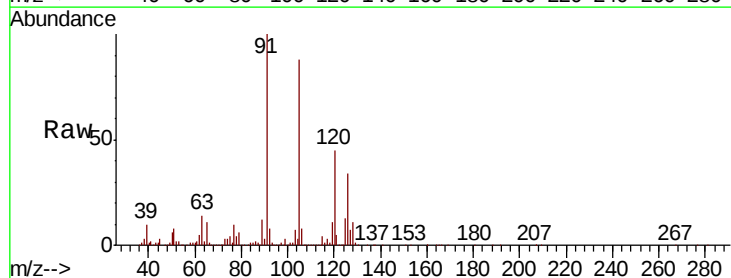
Acq: 30 Nov 2018 19:36

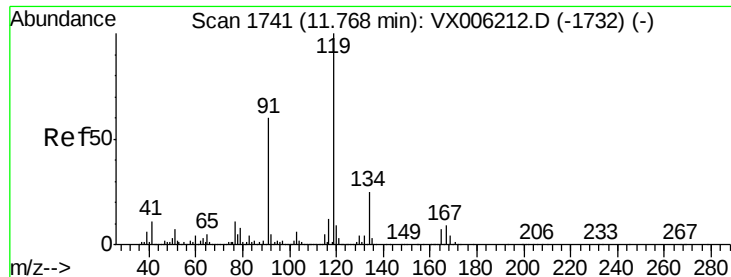
Tgt Ion: 91 Resp: 1382109

Ion Ratio Lower Upper

91 100

126 33.1 16.4 49.4

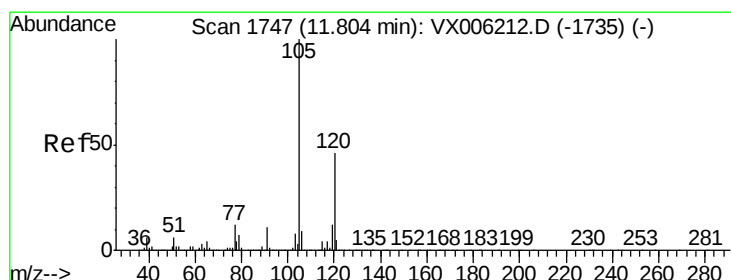
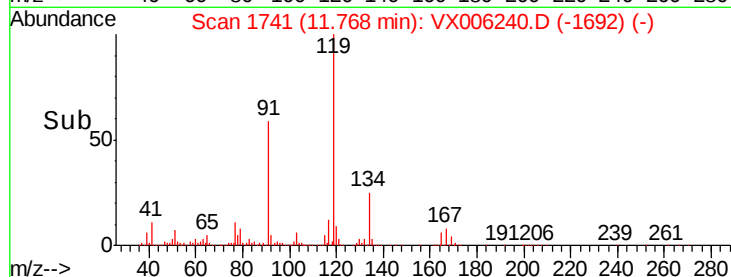
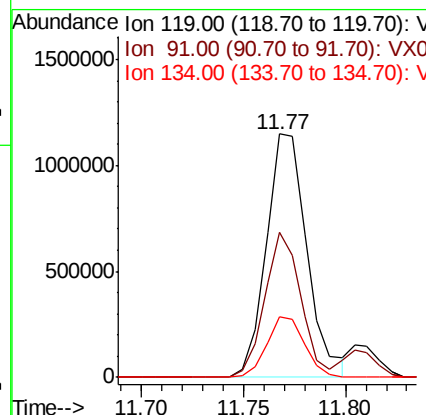
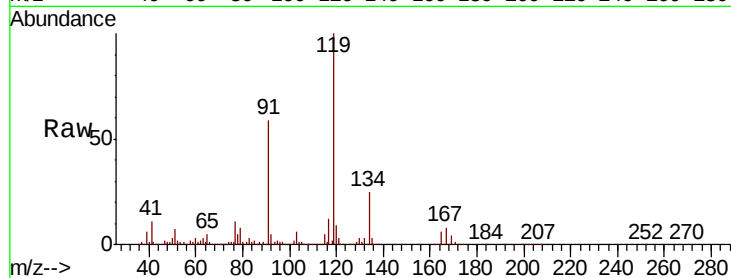




#83
 tert-Butylbenzene
 Concen: 49.843 ug/l
 RT: 11.77 min Scan# 1741
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

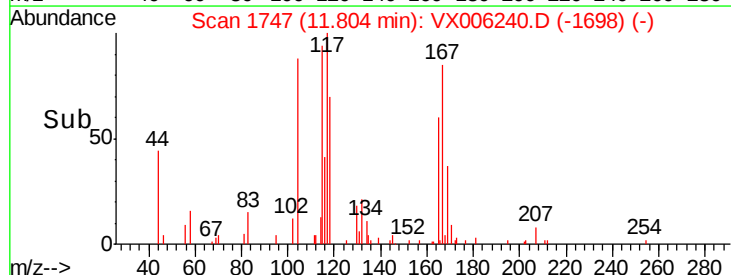
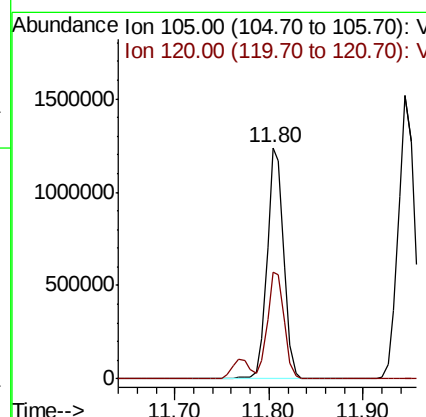
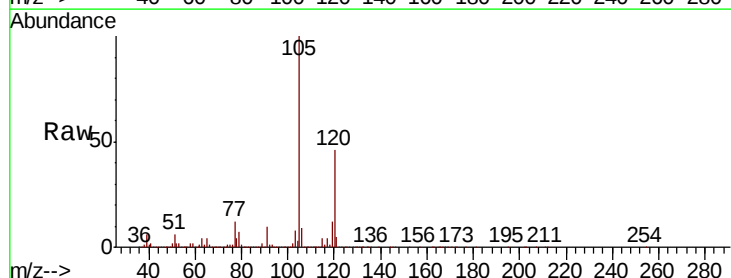
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

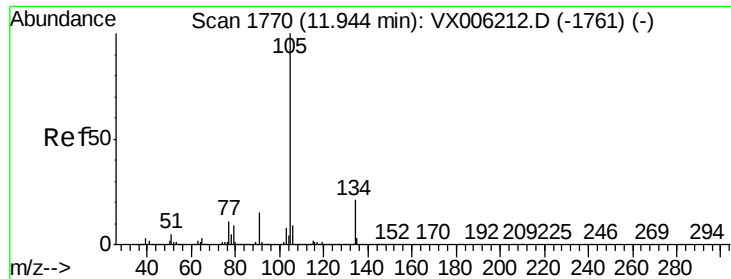
Tot Ion:119 Resp: 1601690
 Ion Ratio Lower Upper
 119 100
 91 52.7 26.4 79.2
 134 23.2 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 49.440 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Tgt Ion:105 Resp: 1537558
 Ion Ratio Lower Upper
 105 100
 120 46.5 23.4 70.0





#85

sec-Butylbenzene

Concen: 50.365 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

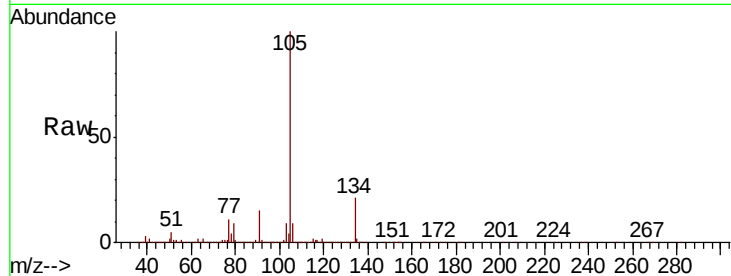
VSTDCCC050EC

Tot Ion:105 Resp: 1841228

Ion Ratio Lower Upper

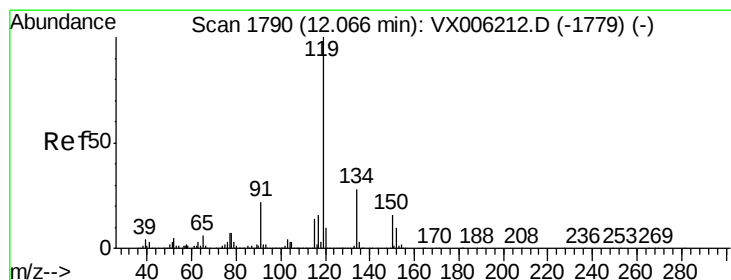
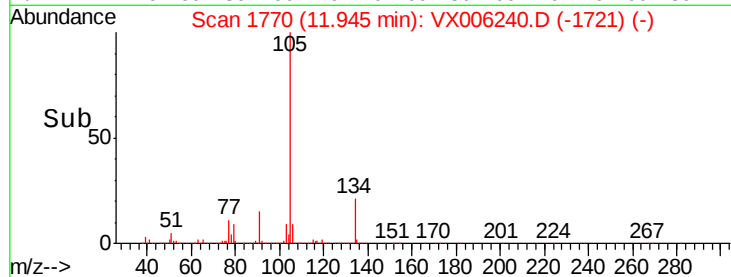
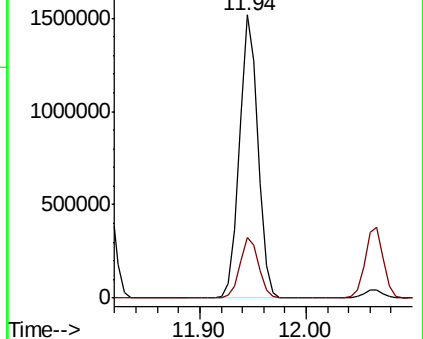
105 100

134 21.6 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.933 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

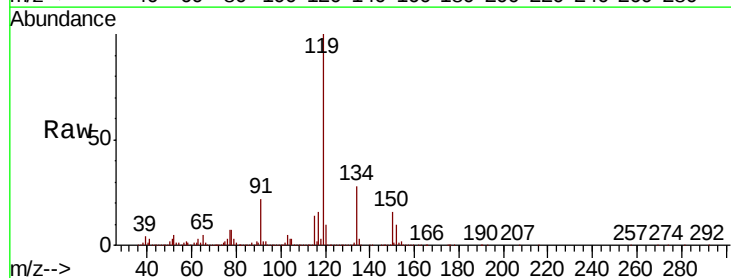
Tgt Ion:119 Resp: 1643746

Ion Ratio Lower Upper

119 100

134 27.7 13.9 41.6

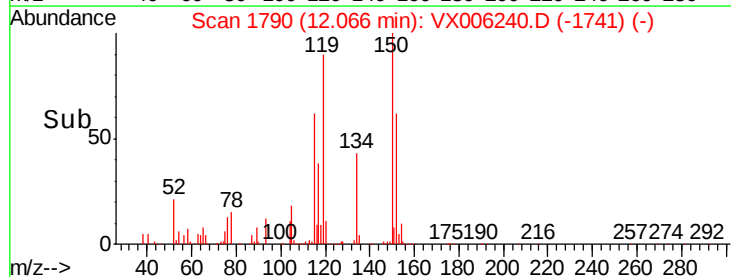
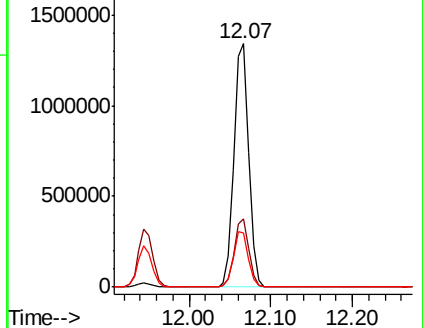
91 22.8 11.3 33.8



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: 49.615 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

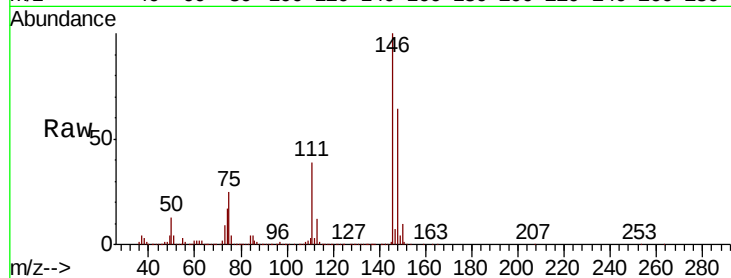
Tot Ion:146 Resp: 886849

Ion Ratio Lower Upper

146 100

111 37.6 18.4 55.2

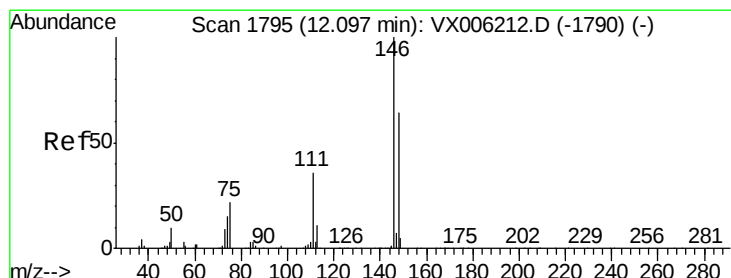
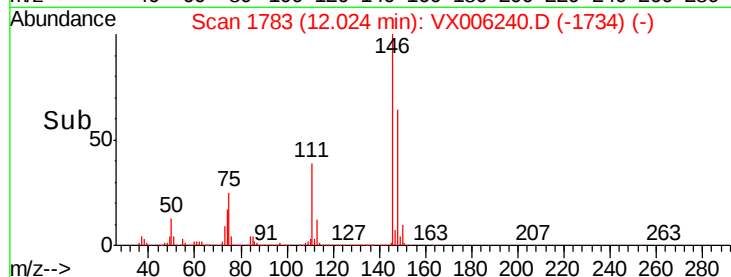
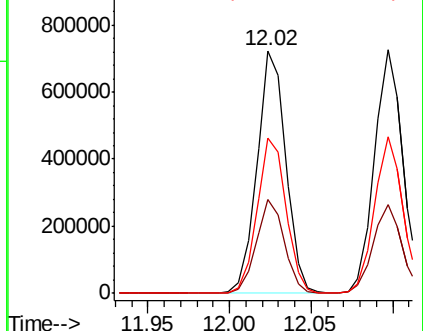
148 64.5 32.0 96.0



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



#88

1,4-Dichlorobenzene

Concen: 48.340 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX006240.D

Acq: 30 Nov 2018 19:36

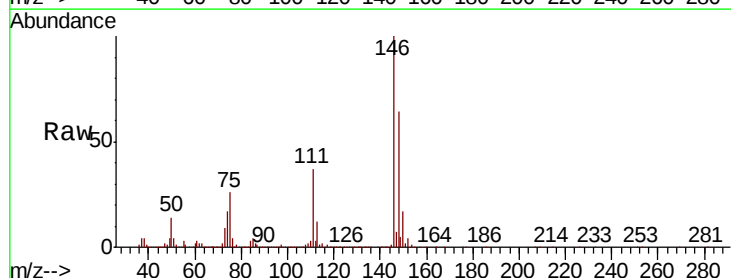
Tgt Ion:146 Resp: 877011

Ion Ratio Lower Upper

146 100

111 36.9 18.3 54.8

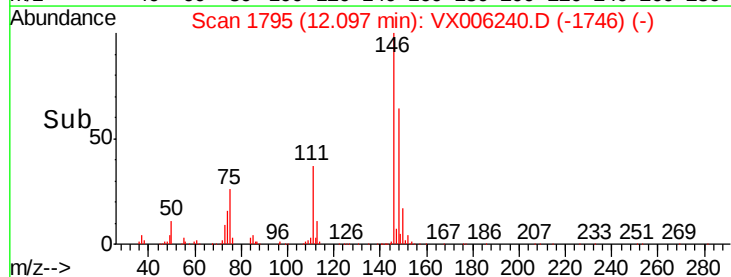
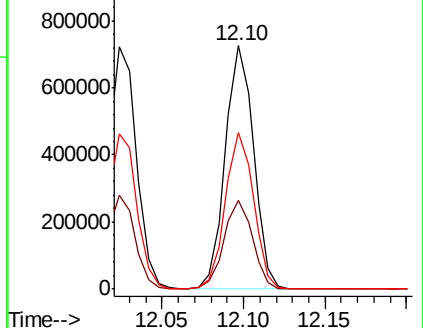
148 64.4 31.9 95.9

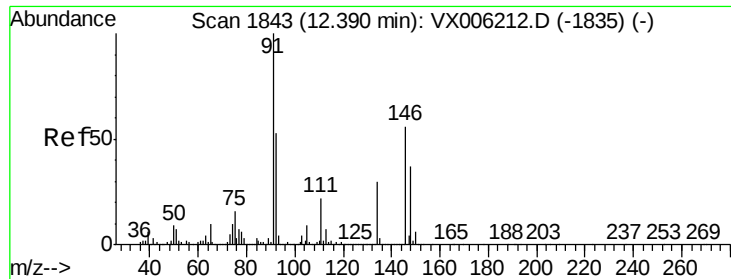


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

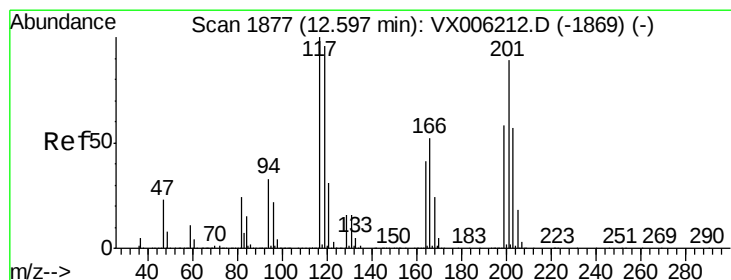
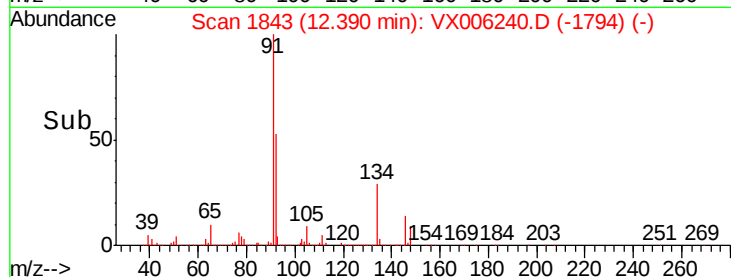
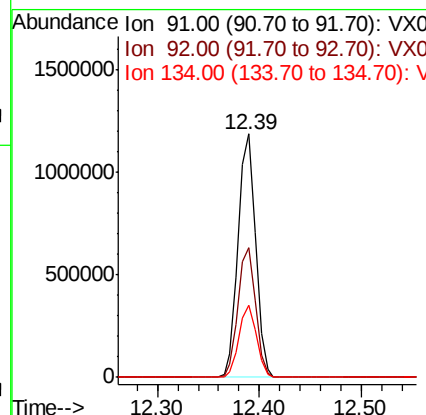
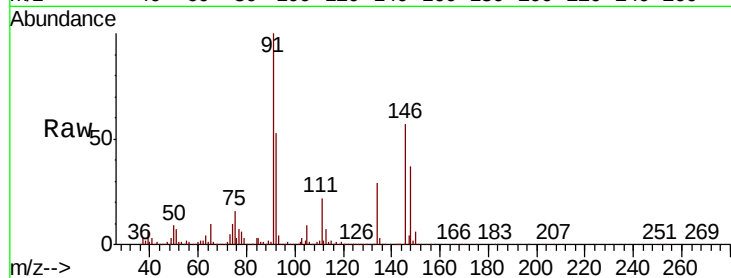




#89
n-Butylbenzene
Concen: 49.628 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

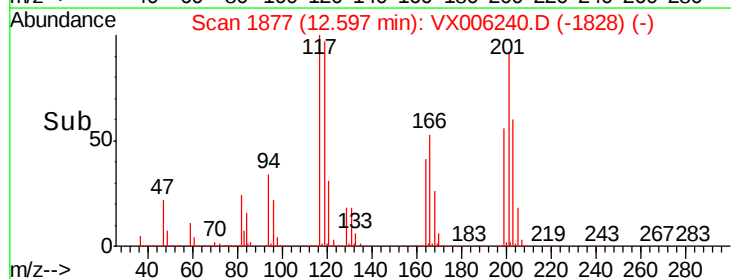
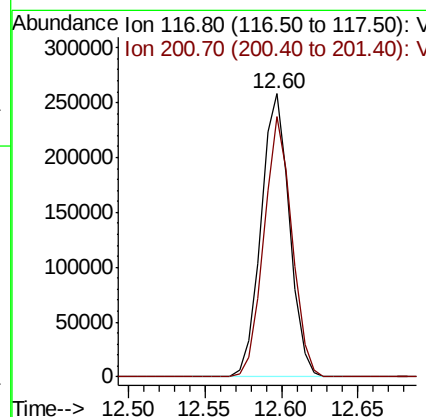
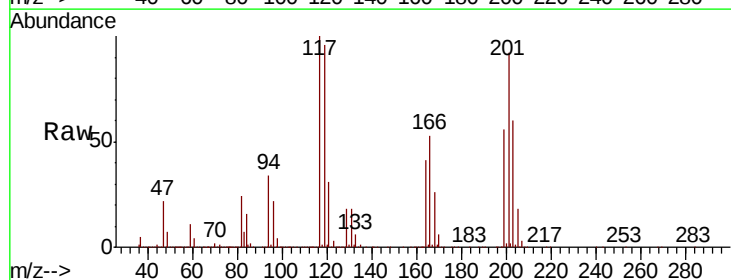
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

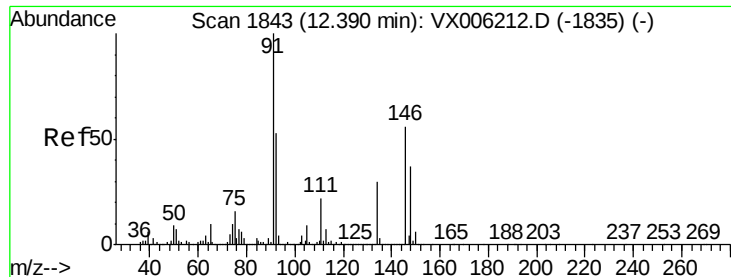
Tot Ion: 91 Resp: 1393955
Ion Ratio Lower Upper
91 100
92 53.3 26.6 79.8
134 29.3 14.8 44.3



#90
Hexachloroethane
Concen: 49.959 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion: 117 Resp: 335186
Ion Ratio Lower Upper
117 100
201 90.3 44.7 134.1

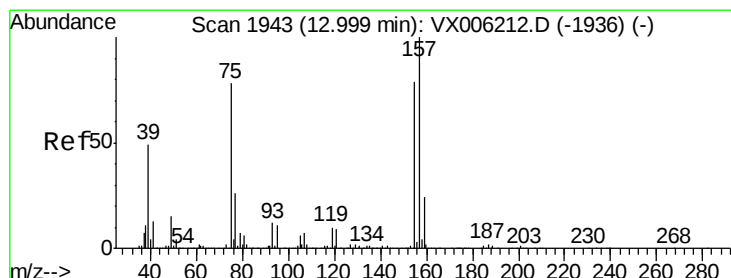
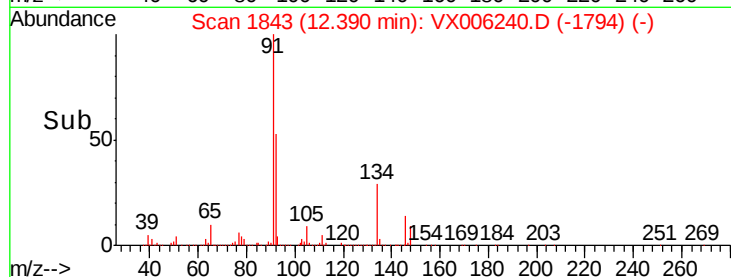
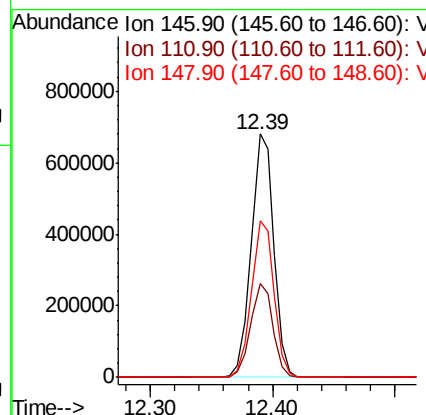
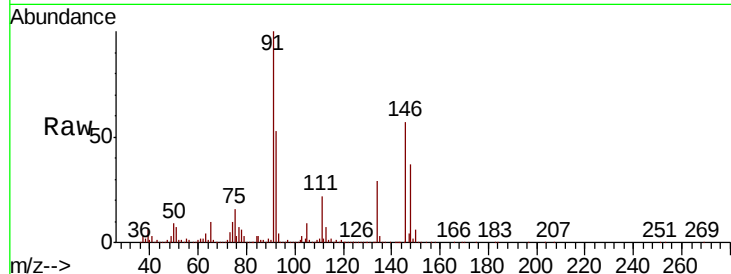




#91
 1,2-Dichlorobenzene
 Concen: 49.268 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

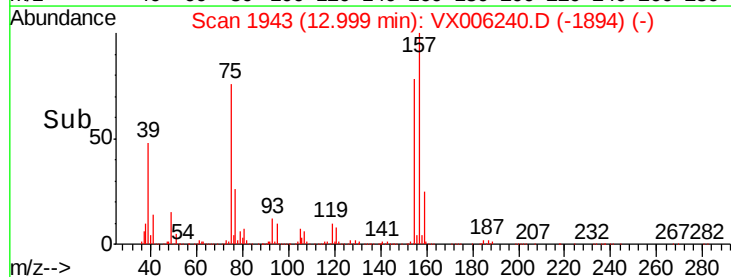
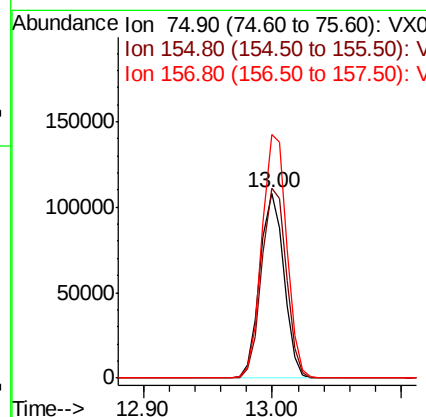
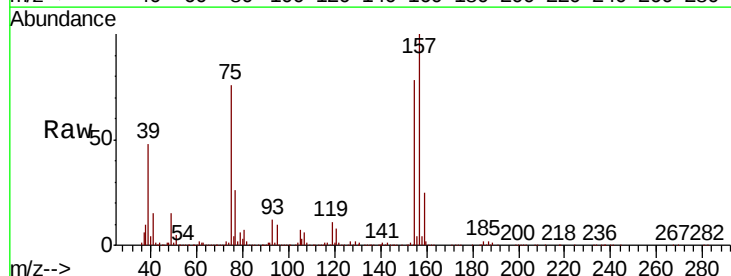
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

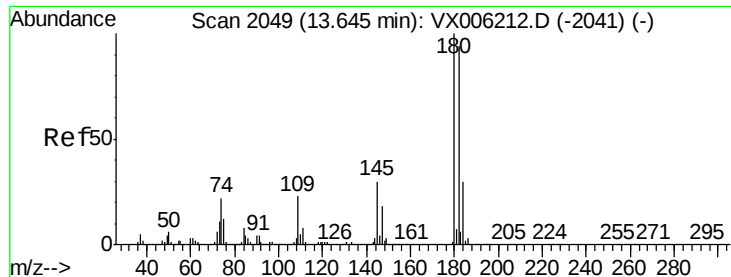
Tot Ion:146 Resp: 874012
 Ion Ratio Lower Upper
 146 100
 111 38.1 19.1 57.3
 148 64.3 32.1 96.3



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 46.628 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Tgt Ion: 75 Resp: 138418
 Ion Ratio Lower Upper
 75 100
 155 105.0 53.4 160.3
 157 136.3 68.0 203.8

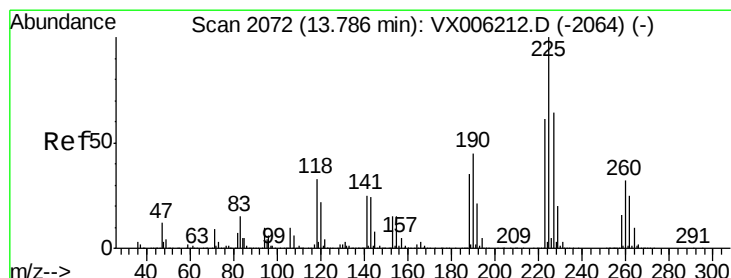
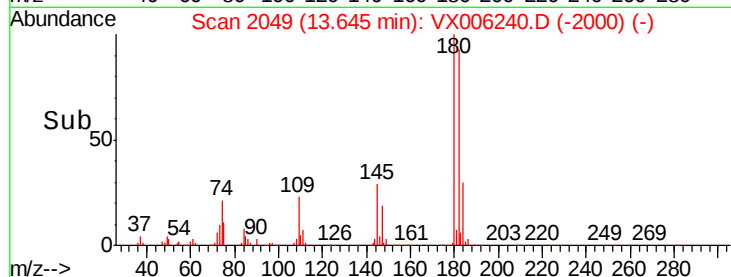
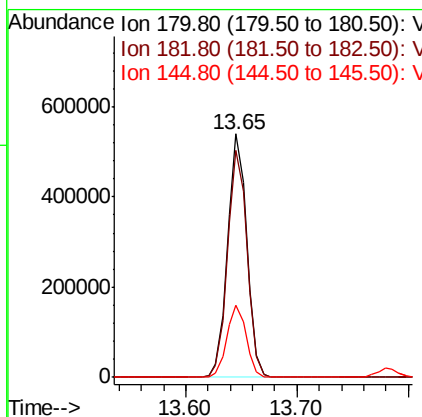
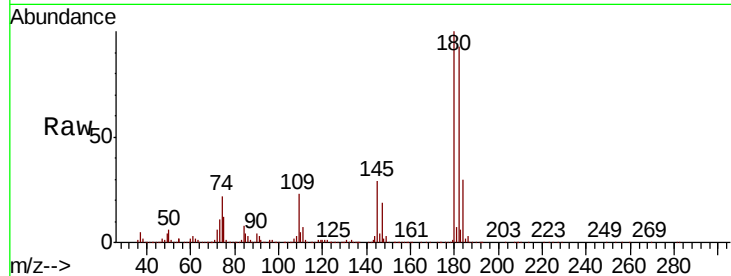




#93
 1,2,4-Trichlorobenzene
 Concen: 49.703 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

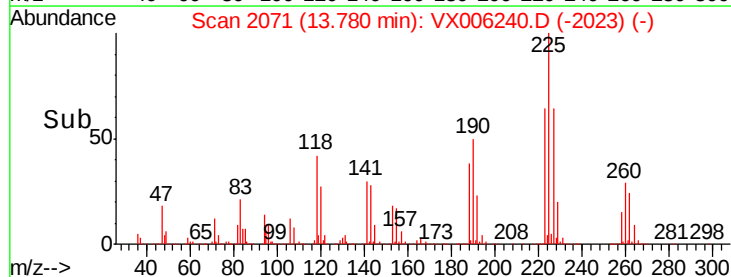
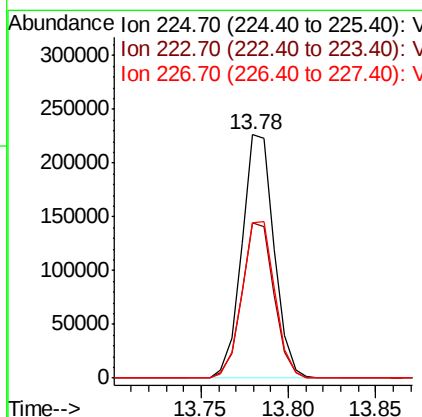
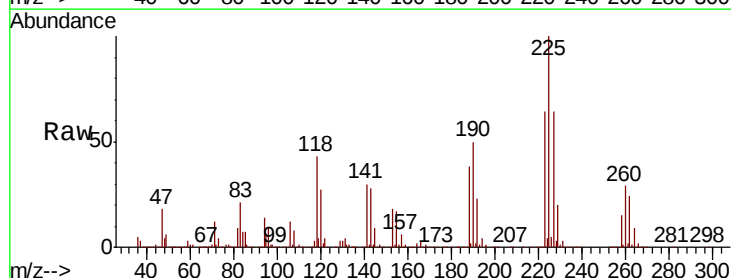
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

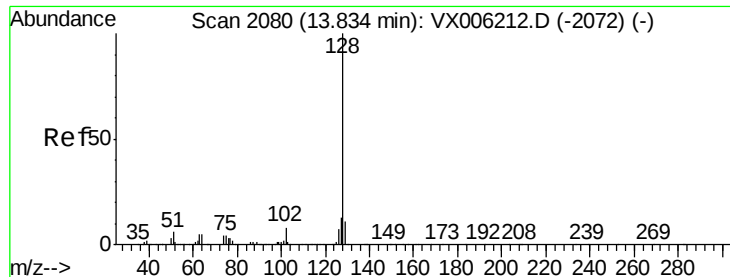
Tot Ion:180 Resp: 643284
 Ion Ratio Lower Upper
 180 100
 182 94.3 47.3 141.9
 145 29.8 14.6 43.8



#94
 Hexachlorobutadiene
 Concen: 50.353 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006240.D
 Acq: 30 Nov 2018 19:36

Tgt Ion:225 Resp: 288204
 Ion Ratio Lower Upper
 225 100
 223 63.5 31.2 93.6
 227 65.5 31.9 95.5

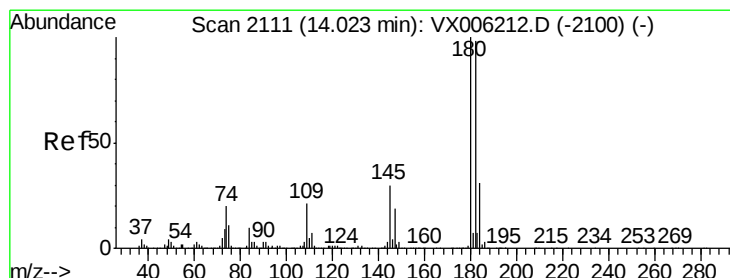
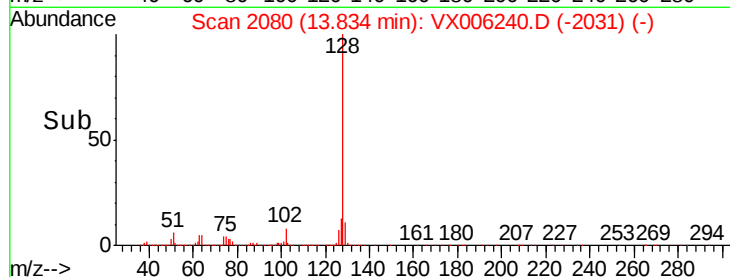
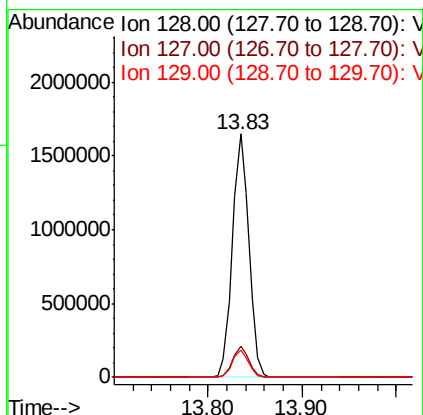
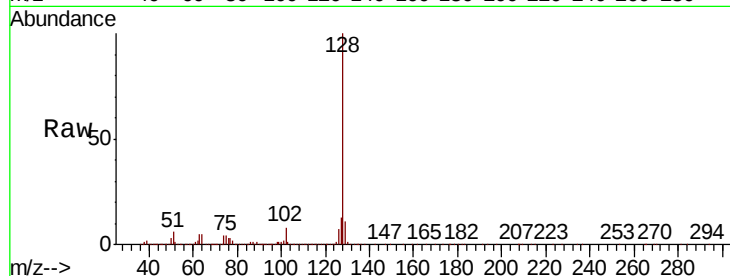




#95
Naphthalene
Concen: 49.615 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:128 Resp: 1997450
Ion Ratio Lower Upper
128 100
127 12.9 10.2 15.4
129 11.0 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 49.965 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.00 min
Lab File: VX006240.D
Acq: 30 Nov 2018 19:36

Tgt Ion:180 Resp: 640512
Ion Ratio Lower Upper
180 100
182 94.9 48.4 145.2
145 31.2 15.6 46.8

