

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120618\
 Data File : VX006308.D
 Acq On : 06 Dec 2018 10:35
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 06 18:52:18 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	5.66	168	683335	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	985591	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	895288	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	475516	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.06	65	338743	48.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.12%	
35) Dibromofluoromethane	5.50	113	330818	51.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.68%	
50) Toluene-d8	8.71	98	1163309	50.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.24%	
62) 4-Bromofluorobenzene	11.13	95	451953	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	360325	53.854	ug/l	100
3) Chloromethane	1.33	50	323627	47.068	ug/l	98
4) Vinyl Chloride	1.41	62	350586	47.376	ug/l	96
5) Bromomethane	1.64	94	244674	47.709	ug/l	100
6) Chloroethane	1.71	64	216339	47.681	ug/l	99
7) Trichlorofluoromethane	1.93	101	546217	48.086	ug/l	97
8) Diethyl Ether	2.19	74	203066	47.235	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	322206	49.884	ug/l	99
10) Methyl Iodide	2.51	142	424136	43.572	ug/l	98
11) Tert butyl alcohol	3.07	59	400759	210.073	ug/l	100
12) 1,1-Dichloroethene	2.37	96	292309	47.274	ug/l	94
13) Acrolein	2.29	56	216996	208.113	ug/l	98
14) Allyl chloride	2.73	41	534004	43.719	ug/l	98
15) Acrylonitrile	3.15	53	888880	223.284	ug/l	100
16) Acetone	2.45	43	662616	202.407	ug/l	97
17) Carbon Disulfide	2.57	76	827949	43.455	ug/l	99
18) Methyl Acetate	2.78	43	498680	45.551	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	1030316	46.709	ug/l	99
20) Methylene Chloride	2.86	84	319933	45.920	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	310083	47.059	ug/l	96
22) Diisopropyl ether	3.87	45	1001112	52.474	ug/l	96
23) Vinyl Acetate	3.82	43	4250697	261.225	ug/l	98
24) 1,1-Dichloroethane	3.70	63	562237	51.559	ug/l	98
25) 2-Butanone	4.70	43	1047687	224.293	ug/l	98
26) 2,2-Dichloropropane	4.59	77	511253	50.801	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	371714	50.574	ug/l	99
28) Bromochloromethane	5.01	49	234723	49.279	ug/l	99
29) Tetrahydrofuran	5.15	42	738244	227.405	ug/l	98
30) Chloroform	5.21	83	574215	50.108	ug/l	98
31) Cyclohexane	5.57	56	485810	48.207	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	540383	49.561	ug/l	99
36) 1,1-Dichloropropene	5.79	75	421710	50.810	ug/l	100
37) Ethyl Acetate	4.85	43	433445	46.634	ug/l	98
38) Carbon Tetrachloride	5.78	117	498912	51.098	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	557569	51.755	ug/l	99
40) Benzene	6.14	78	1271953	51.168	ug/l	100
41) Methacrylonitrile	5.06	41	241701	47.259	ug/l	98
42) 1,2-Dichloroethane	6.20	62	420104	51.637	ug/l	100
43) Isopropyl Acetate	6.46	43	731582	47.209	ug/l	100
44) Trichloroethene	7.21	130	389268	51.691	ug/l	99
45) 1,2-Dichloropropane	7.51	63	316168	50.044	ug/l	97
46) Dibromomethane	7.66	93	232283	50.908	ug/l	99
47) Bromodichloromethane	7.90	83	450649	51.001	ug/l	99
48) Methyl methacrylate	7.77	41	363039	48.155	ug/l	98
49) 1,4-Dioxane	7.75	88	177346	954.453	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	2154280	238.799	ug/l	98
52) Toluene	8.78	92	824173	50.395	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	509144	49.270	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	535591	49.913	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	343062	51.635	ug/l	99
56) Ethyl methacrylate	9.18	69	524229	50.471	ug/l	97
57) 1,3-Dichloropropane	9.37	76	538788	51.283	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	1351126	256.345	ug/l	99
59) 2-Hexanone	9.49	43	1617201	234.638	ug/l	99
60) Dibromochloromethane	9.58	129	417255	50.930	ug/l	99
61) 1,2-Dibromoethane	9.67	107	371445	49.999	ug/l	99
64) Tetrachloroethene	9.34	164	344131	51.040	ug/l	98
65) Chlorobenzene	10.14	112	980714	51.603	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	377161	51.077	ug/l	100
67) Ethyl Benzene	10.25	91	1614271	51.070	ug/l	100
68) m/p-Xylenes	10.36	106	1305731	103.125	ug/l	99
69) o-Xylene	10.69	106	638163	51.026	ug/l	100
70) Styrene	10.71	104	1049328	51.875	ug/l	99
71) Bromoform	10.86	173	337347	48.397	ug/l #	100
73) Isopropylbenzene	11.02	105	1706124	51.955	ug/l	100
74) N-amyl acetate	10.90	43	653254	46.196	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	509340	48.482	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	611824	66.660	ug/l	88
77) Bromobenzene	11.26	156	465622	51.093	ug/l	99
78) n-propylbenzene	11.36	91	1920196	52.603	ug/l	100
79) 2-Chlorotoluene	11.42	91	1110942	51.205	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	1421845	52.039	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	182253	46.599	ug/l	97
82) 4-Chlorotoluene	11.51	91	1301699	51.603	ug/l	100
83) tert-Butylbenzene	11.77	119	1502867	51.553	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1448805	51.352	ug/l	100
85) sec-Butylbenzene	11.94	105	1763425	53.172	ug/l	99
86) p-Isopropyltoluene	12.06	119	1582992	53.007	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	838940	51.736	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	839760	51.022	ug/l	99
89) n-Butylbenzene	12.39	91	1370101	53.769	ug/l	100
90) Hexachloroethane	12.60	117	305463	50.187	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	811446	50.420	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	121613	45.158	ug/l	98

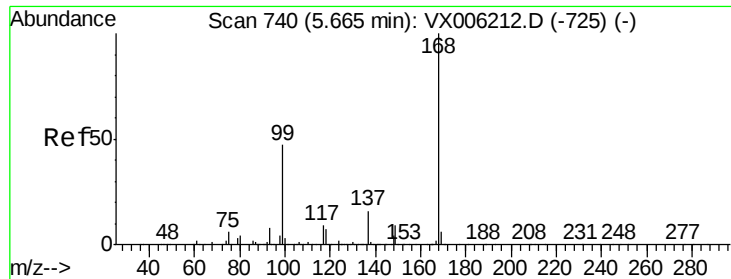
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX120618\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	606911	51.690	ug/l	99
94) Hexachlorobutadiene	13.78	225	292650	56.360	ug/l	99
95) Naphthalene	13.83	128	1832909	50.185	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	605436	52.061	ug/l	99

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

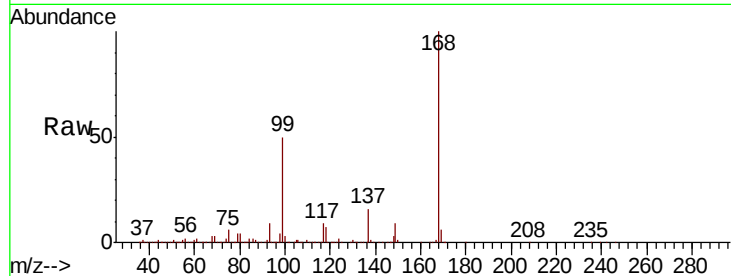


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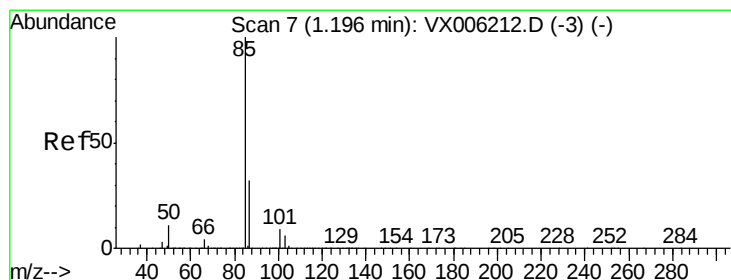
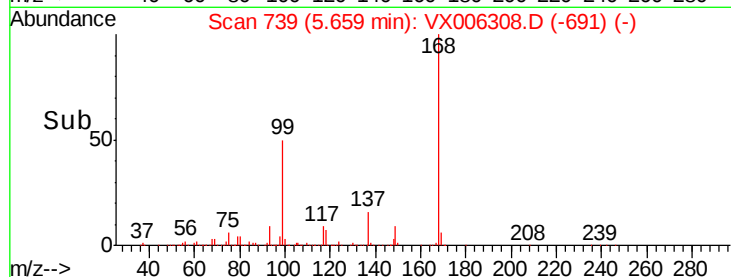
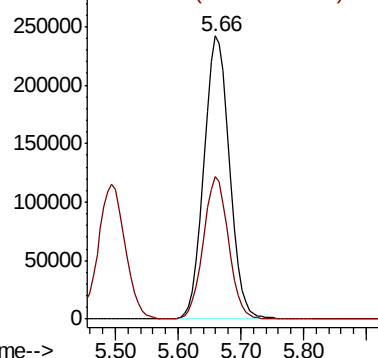
Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.66 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:168 Resp: 683335
 Ion Ratio Lower Upper
 168 100
 99 50.0 37.8 56.8



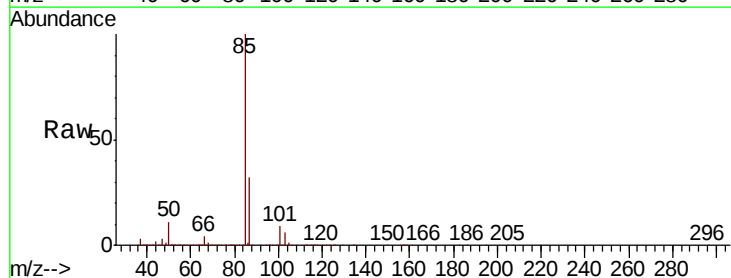
Abundance Ion 167.90 (167.60 to 168.60): V
 Ion 98.90 (98.60 to 99.60): VX0



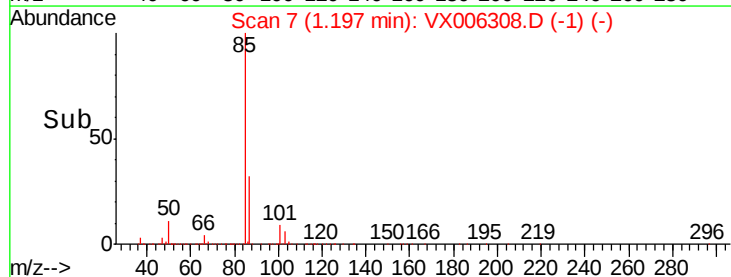
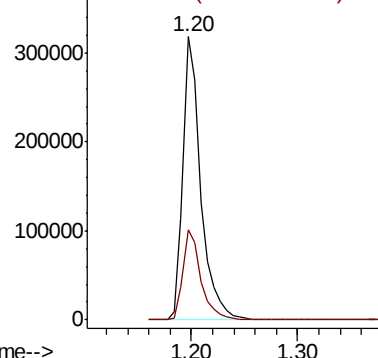
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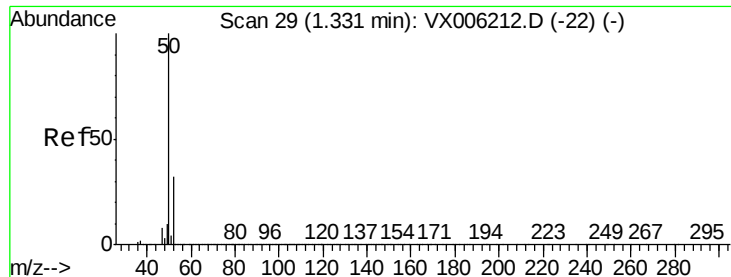
Dichlorodifluoromethane
 Concen: 53.854 ug/l
 RT: 1.20 min Scan# 7
 Delta R.T. 0.00 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

Tgt Ion: 85 Resp: 360325
 Ion Ratio Lower Upper
 85 100
 87 31.9 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0
 Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 47.068 ug/l

RT: 1.33 min Scan# 29

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

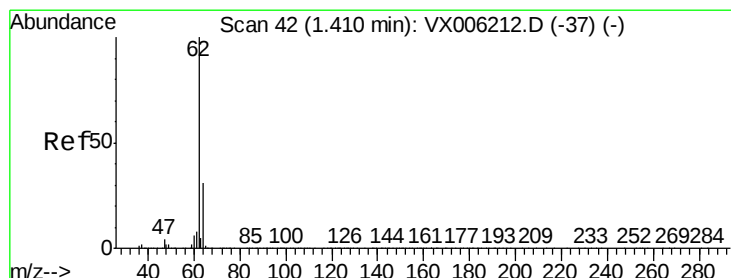
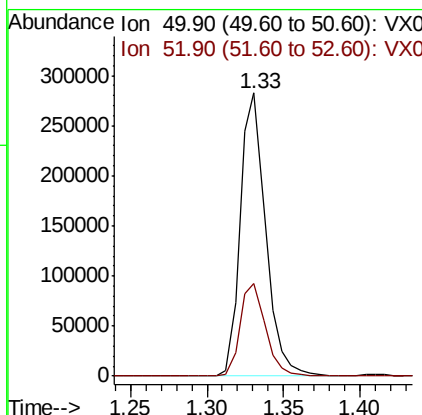
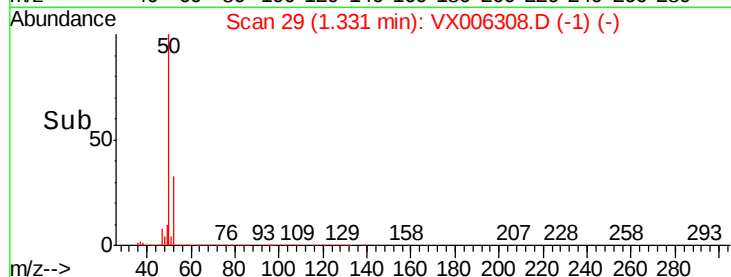
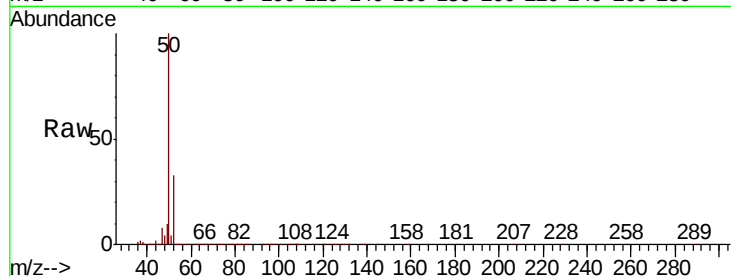
VSTDCCC050

Tot Ion: 50 Resp: 323627

Ion Ratio Lower Upper

50 100

52 32.7 25.2 37.8



#4

Vinyl Chloride

Concen: 47.376 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.00 min

Lab File: VX006308.D

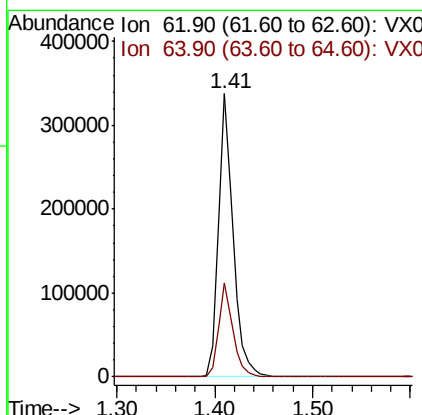
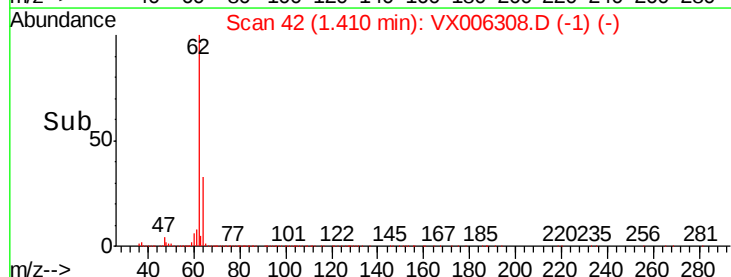
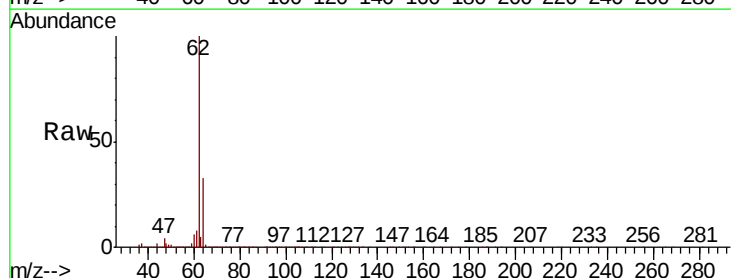
Acq: 06 Dec 2018 10:35

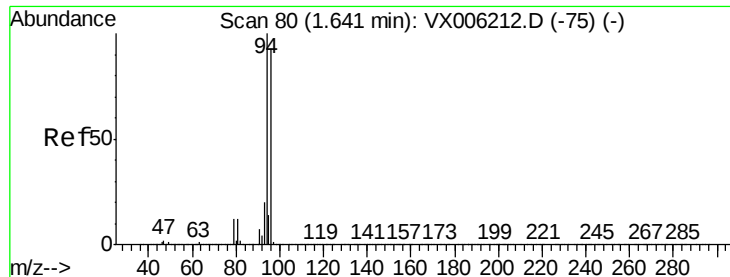
Tgt Ion: 62 Resp: 350586

Ion Ratio Lower Upper

62 100

64 33.1 24.9 37.3





#5

Bromomethane

Concen: 47.709 ug/l

RT: 1.64 min Scan# 80

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

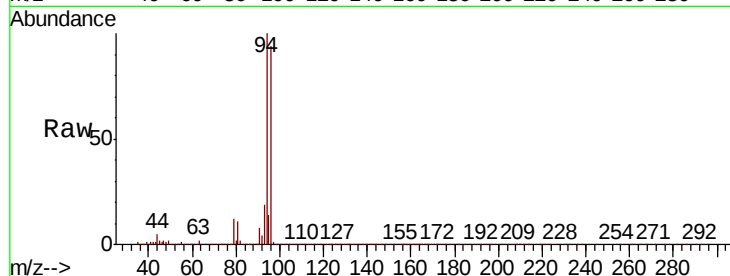
VSTDCCC050

Tot Ion: 94 Resp: 244674

Ion Ratio Lower Upper

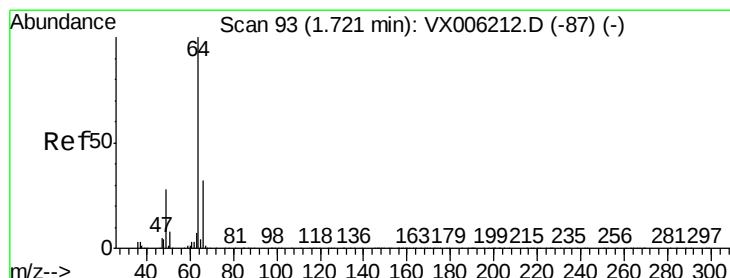
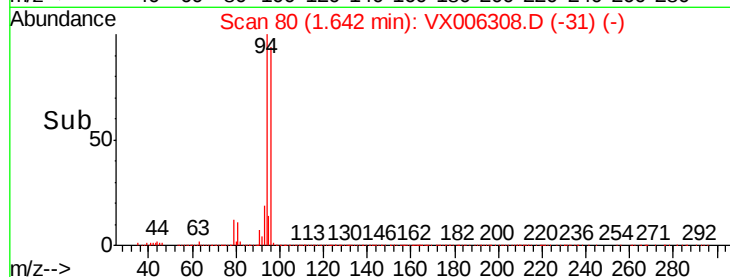
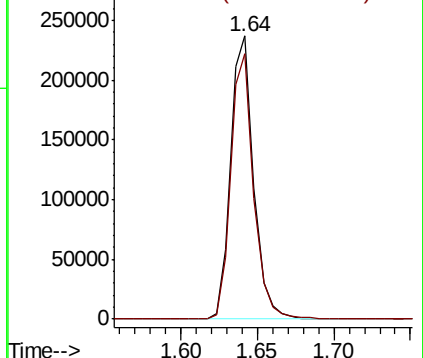
94 100

96 93.6 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 47.681 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.01 min

Lab File: VX006308.D

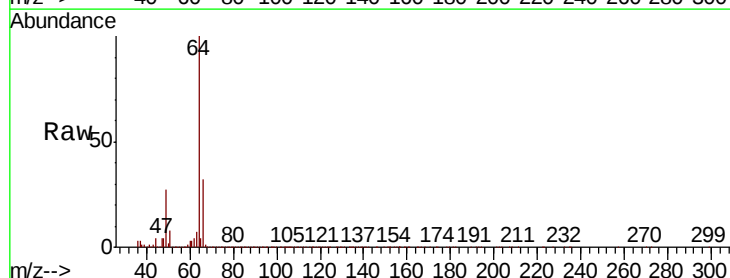
Acq: 06 Dec 2018 10:35

Tgt Ion: 64 Resp: 216339

Ion Ratio Lower Upper

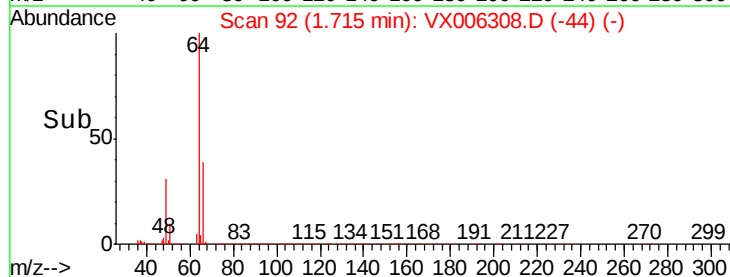
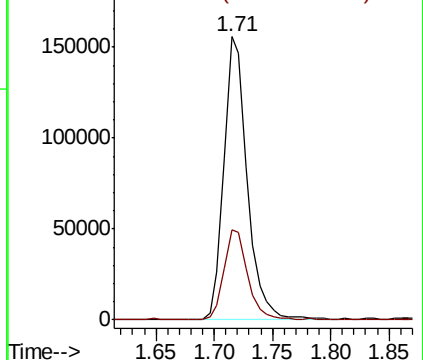
64 100

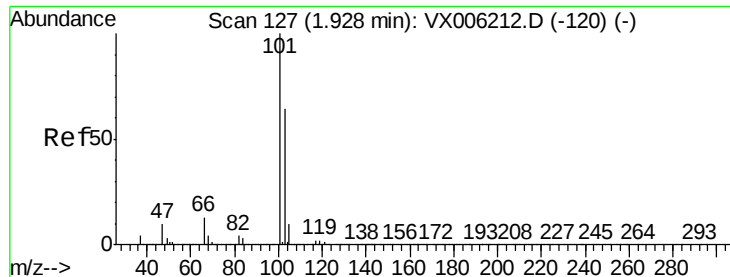
66 31.9 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



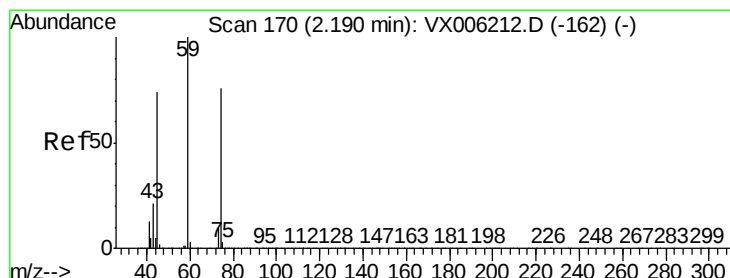
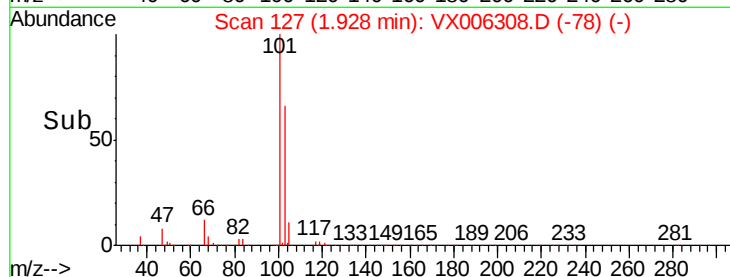
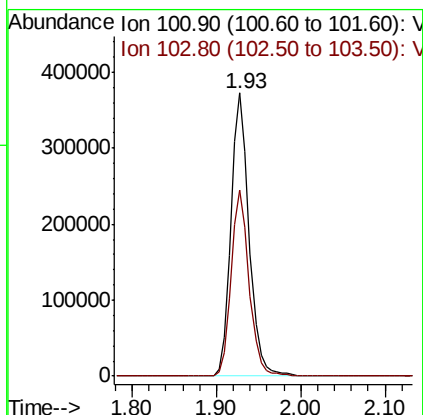
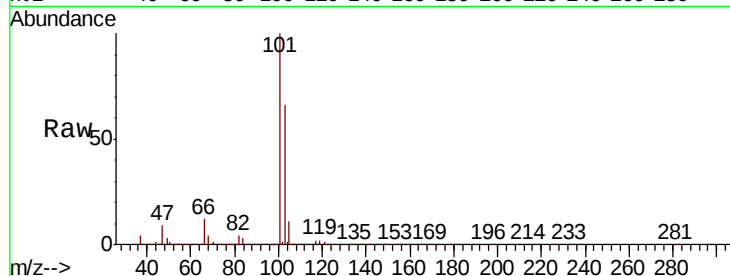


#7

Trichlorofluoromethane
Concen: 48.086 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

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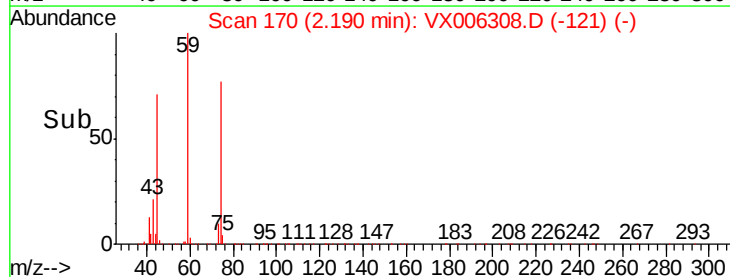
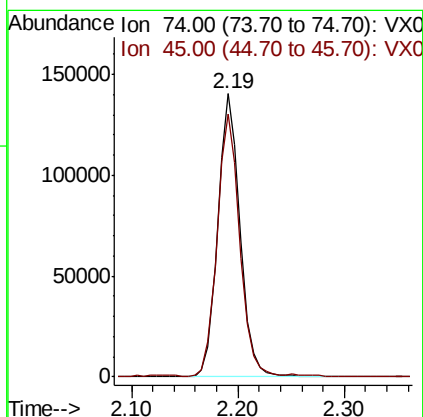
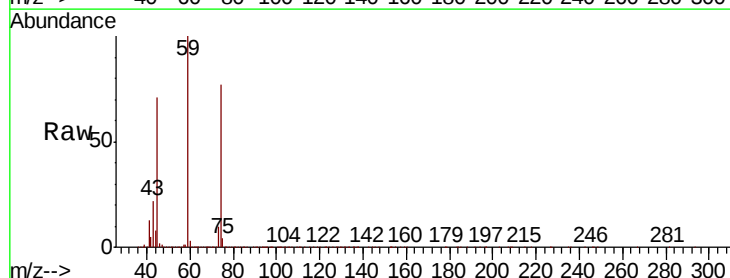
Tot Ion:101 Resp: 546217
Ion Ratio Lower Upper
101 100
103 65.9 51.0 76.4

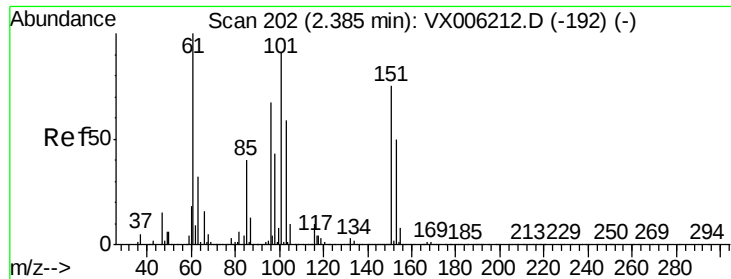


#8

Diethyl Ether
Concen: 47.235 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion: 74 Resp: 203066
Ion Ratio Lower Upper
74 100
45 94.6 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 49.884 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

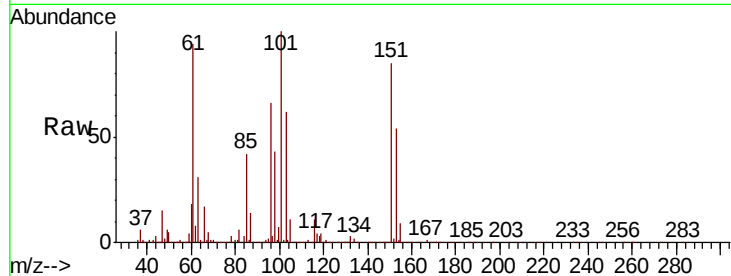
Tot Ion:101 Resp: 322206

Ion Ratio Lower Upper

101 100

85 43.1 35.5 53.3

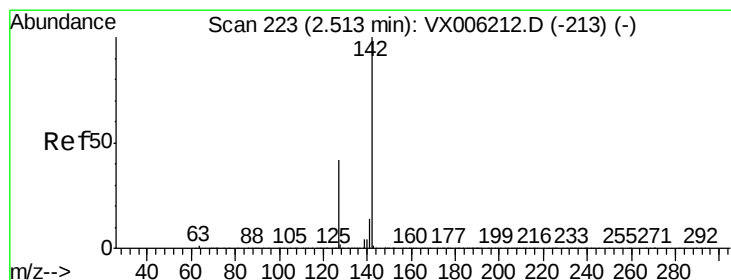
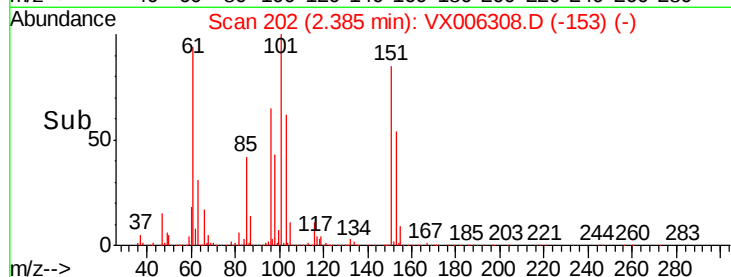
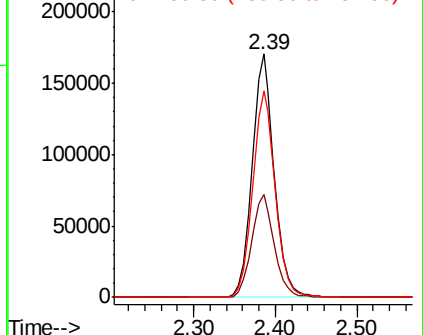
151 86.7 68.6 103.0



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: 43.572 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

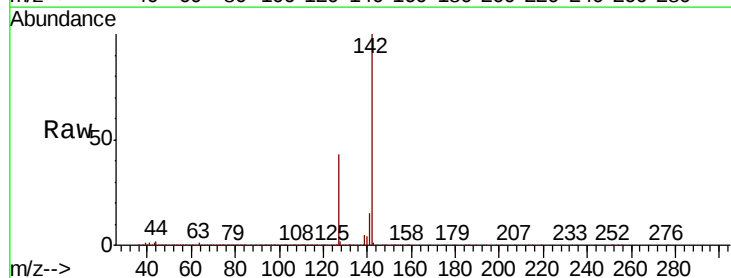
Tgt Ion:142 Resp: 424136

Ion Ratio Lower Upper

142 100

127 42.0 34.8 52.2

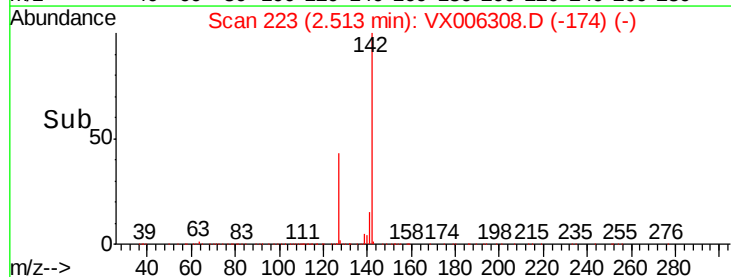
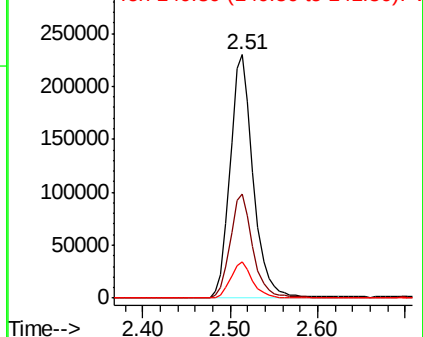
141 14.1 11.4 17.2

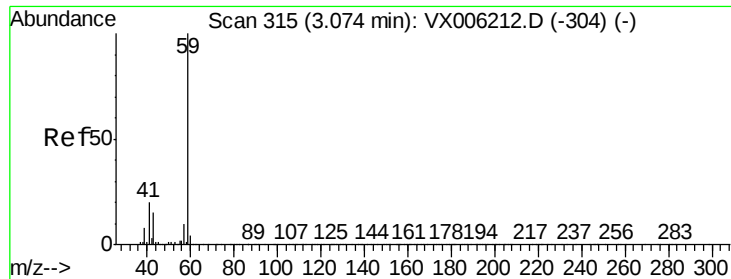


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

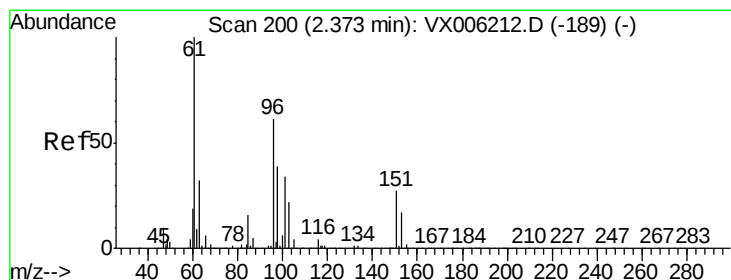
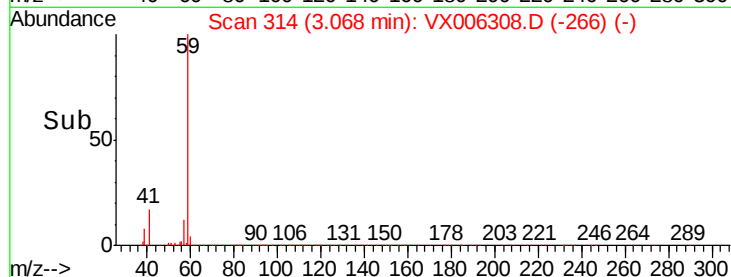
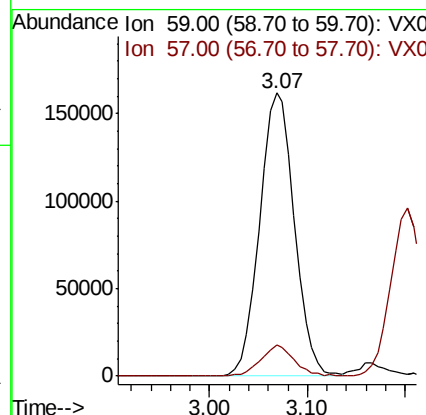
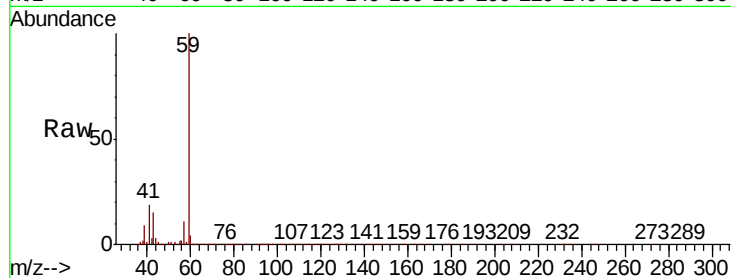




#11
Tert butyl alcohol
Concen: 210.073 ug/l
RT: 3.07 min Scan# 314
Delta R.T. -0.01 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

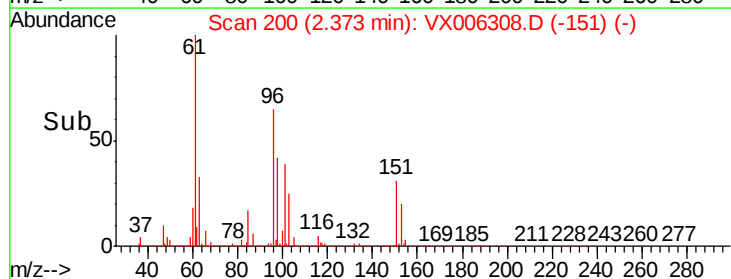
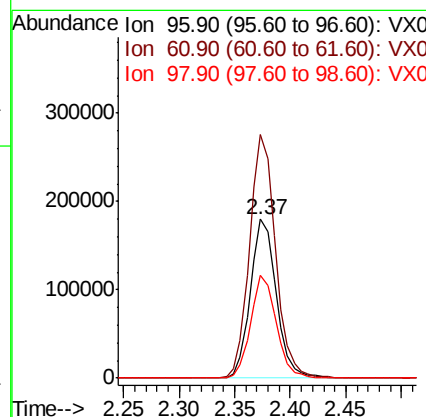
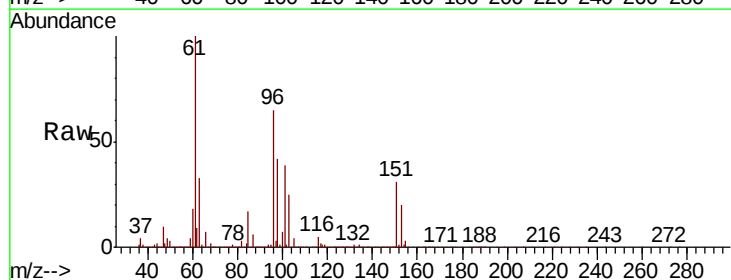
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

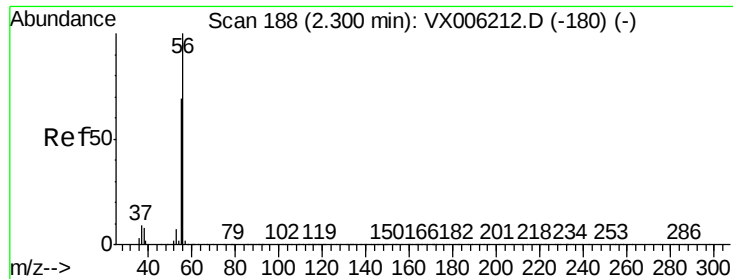
Tot Ion: 59 Resp: 400759
Ion Ratio Lower Upper
59 100
57 10.0 8.2 12.2



#12
1,1-Dichloroethene
Concen: 47.274 ug/l
RT: 2.37 min Scan# 200
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion: 96 Resp: 292309
Ion Ratio Lower Upper
96 100
61 153.3 131.7 197.5
98 64.7 51.8 77.6

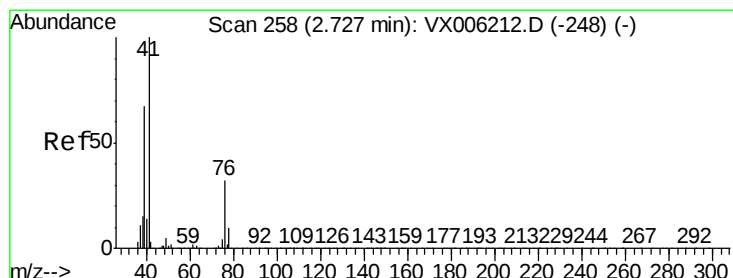
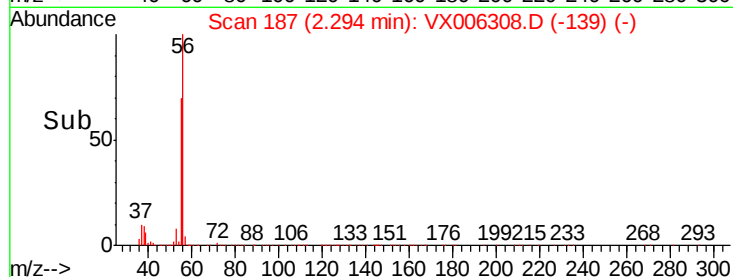
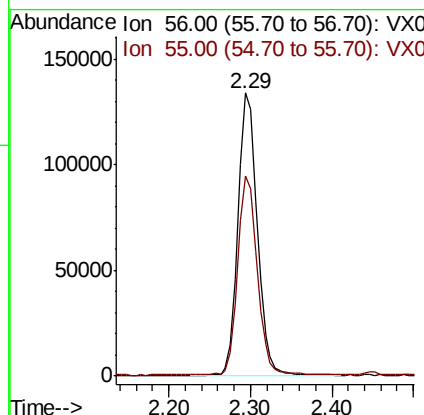
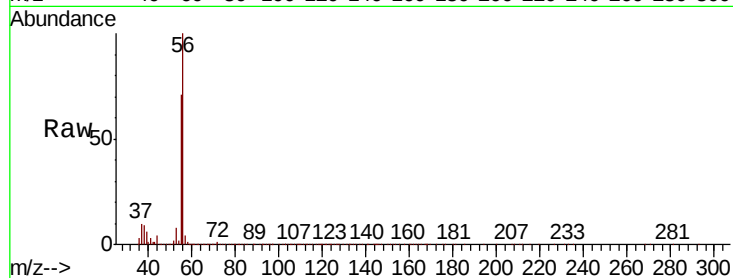




#13
Acrolein
Concen: 208.113 ug/l
RT: 2.29 min Scan# 187
Delta R.T. -0.01 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

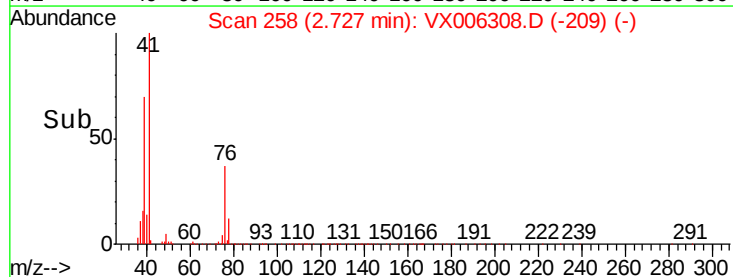
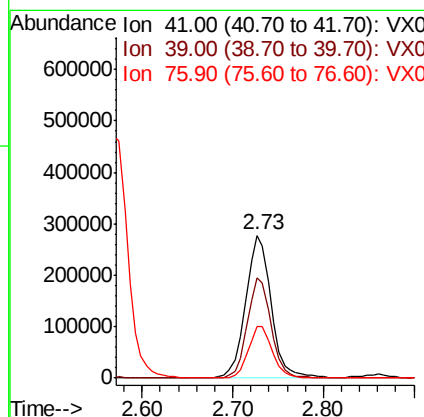
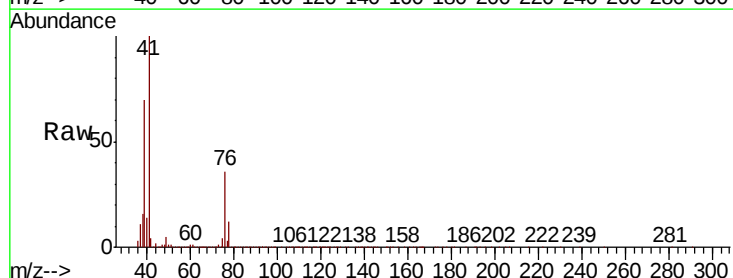
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

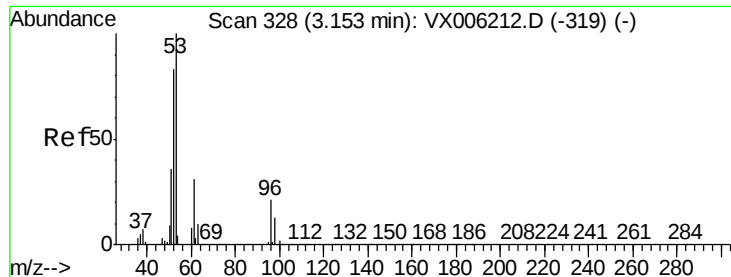
Tot Ion: 56 Resp: 216996
Ion Ratio Lower Upper
56 100
55 70.9 57.8 86.6



#14
Allyl chloride
Concen: 43.719 ug/l
RT: 2.73 min Scan# 258
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion: 41 Resp: 534004
Ion Ratio Lower Upper
41 100
39 65.9 52.4 78.6
76 34.4 25.4 38.0





#15

Acrylonitrile

Concen: 223.284 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

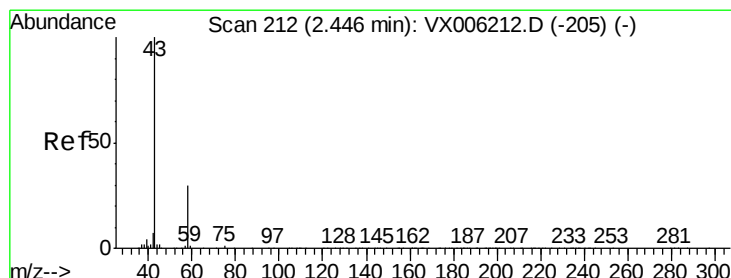
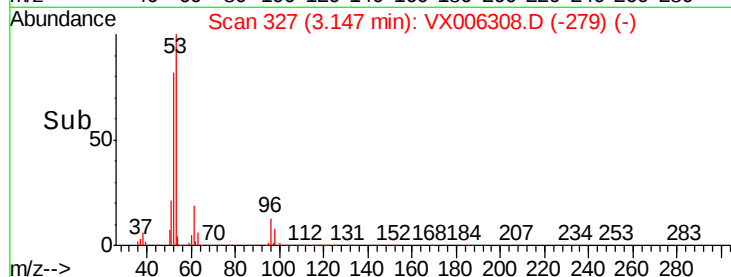
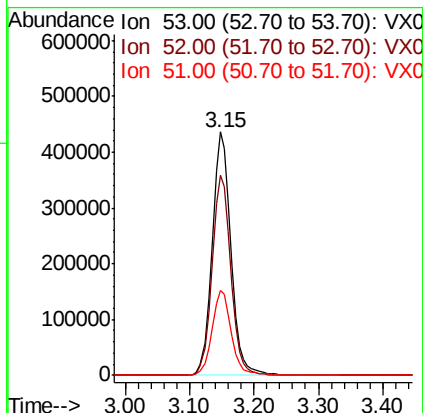
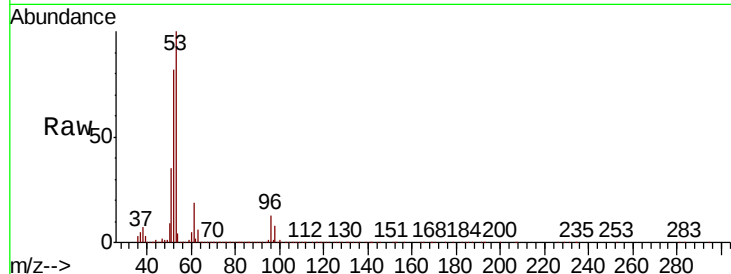
Tot Ion: 53 Resp: 888880

Ion Ratio Lower Upper

53 100

52 82.3 66.2 99.4

51 36.1 28.7 43.1



#16

Acetone

Concen: 202.407 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006308.D

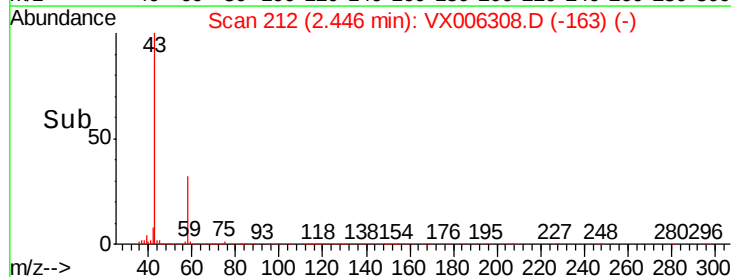
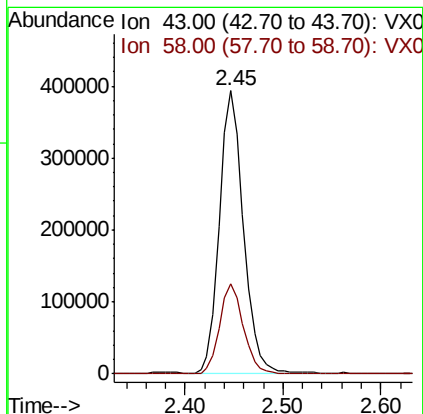
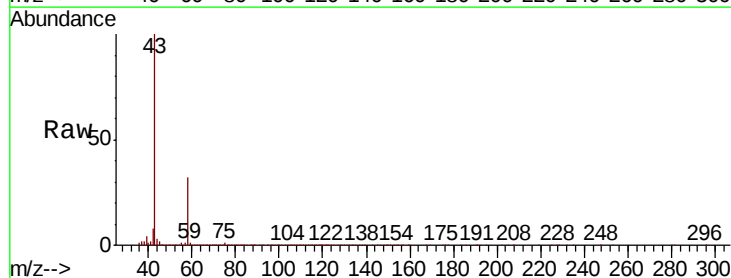
Acq: 06 Dec 2018 10:35

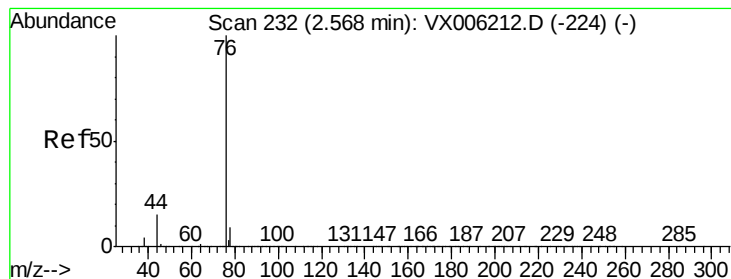
Tgt Ion: 43 Resp: 662616

Ion Ratio Lower Upper

43 100

58 31.8 24.0 36.0





#17

Carbon Disulfide

Concen: 43.455 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

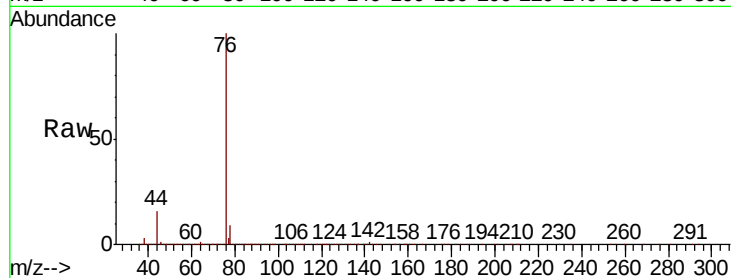
VSTDCCC050

Tot Ion: 76 Resp: 827949

Ion Ratio Lower Upper

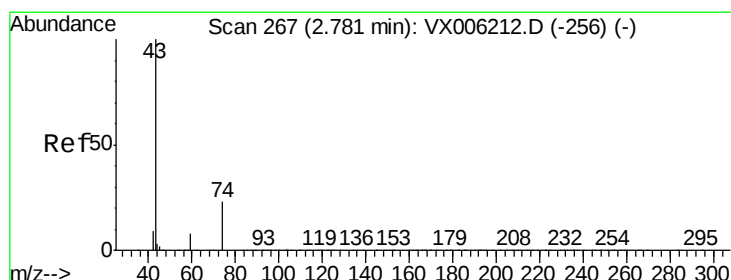
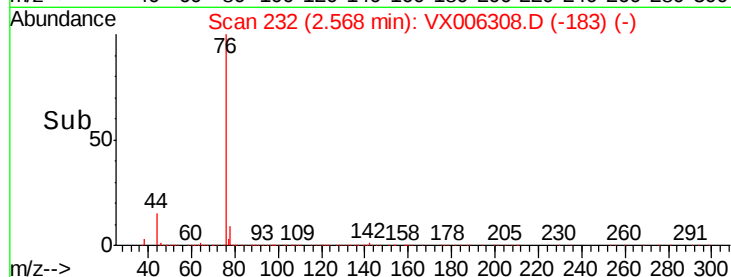
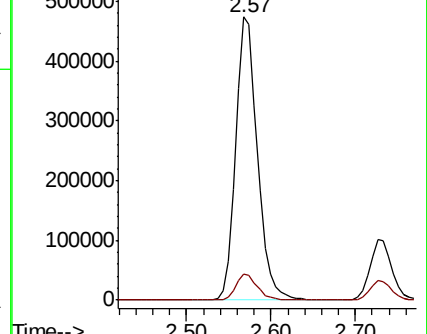
76 100

78 9.3 7.1 10.7



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 45.551 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX006308.D

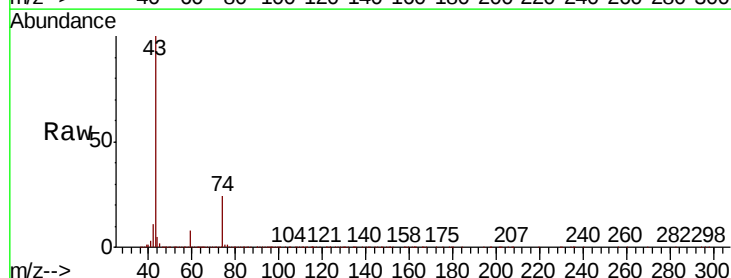
Acq: 06 Dec 2018 10:35

Tgt Ion: 43 Resp: 498680

Ion Ratio Lower Upper

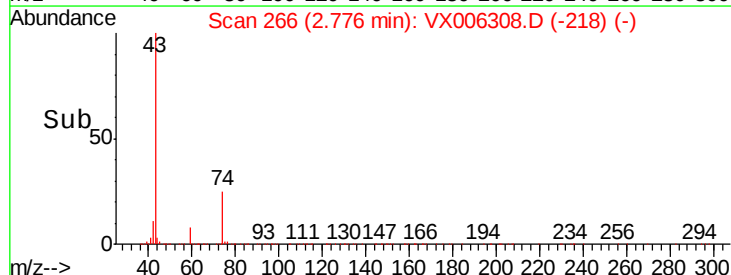
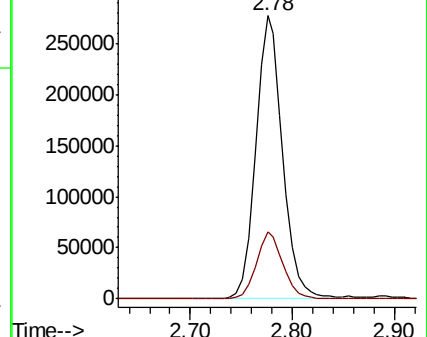
43 100

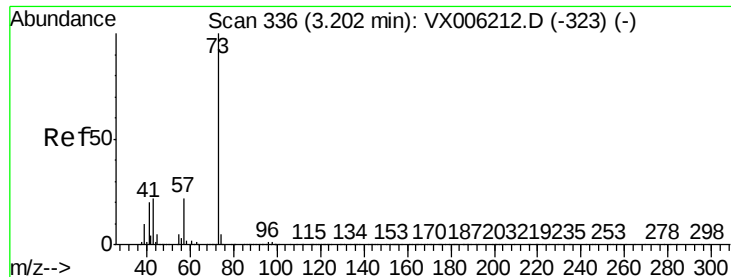
74 24.2 17.9 26.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

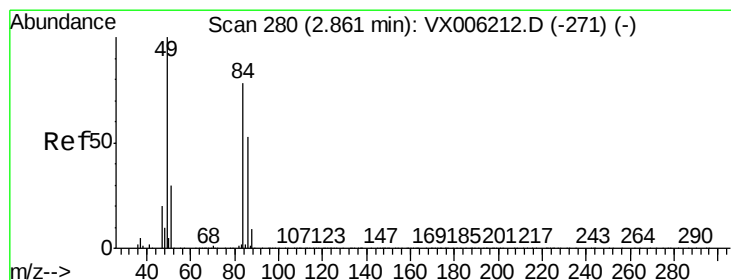
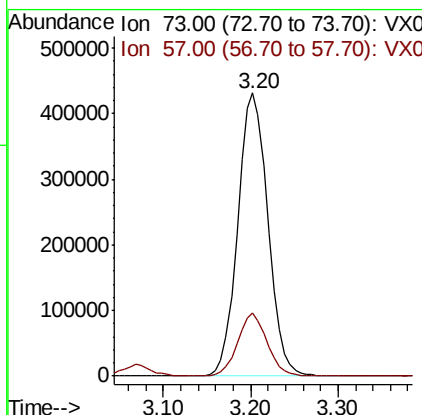
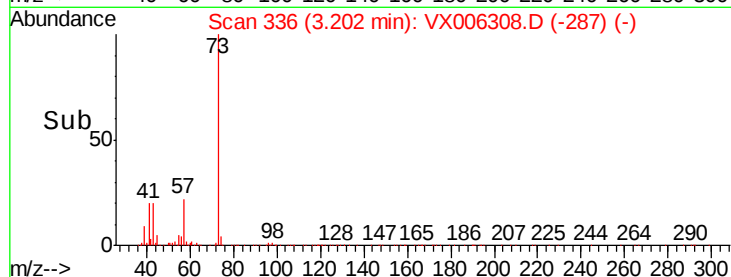
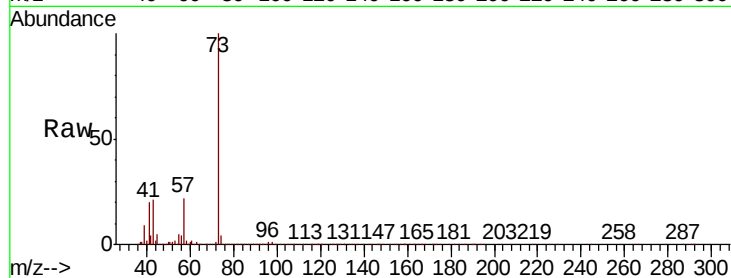




#19
Methvl tert-butvl Ether
Concen: 46.709 ug/l
RT: 3.20 min Scan# 336
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

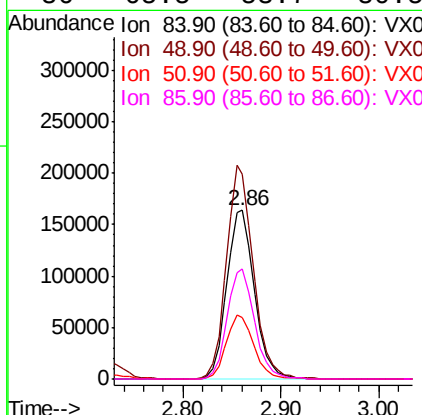
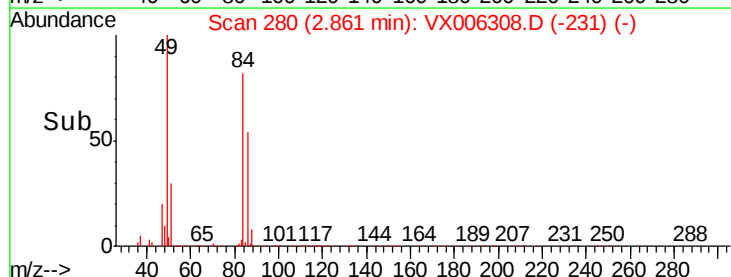
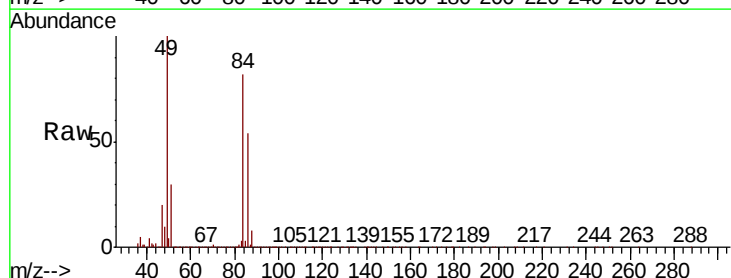
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

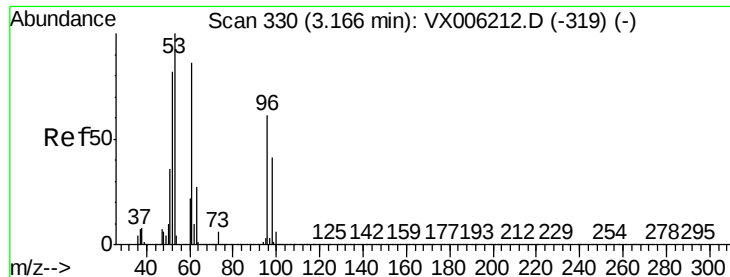
Tot Ion: 73 Resp: 1030316
Ion Ratio Lower Upper
73 100
57 22.2 17.5 26.3



#20
Methylene Chloride
Concen: 45.920 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion: 84 Resp: 319933
Ion Ratio Lower Upper
84 100
49 121.8 102.2 153.4
51 36.0 31.1 46.7
86 65.5 53.7 80.5





#21

trans-1,2-Dichloroethene

Concen: 47.059 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

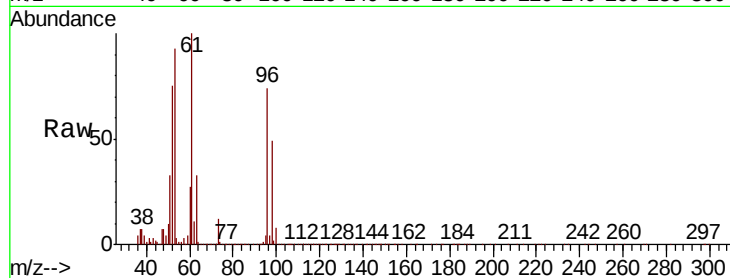
Tot Ion: 96 Resp: 310083

Ion Ratio Lower Upper

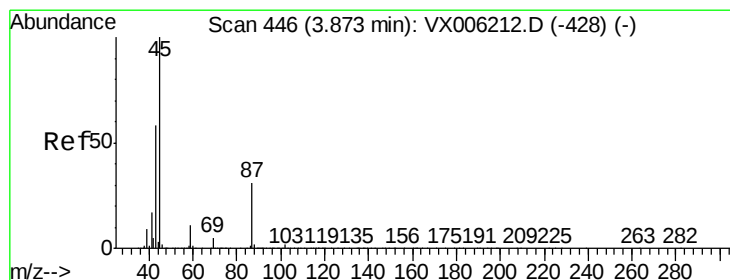
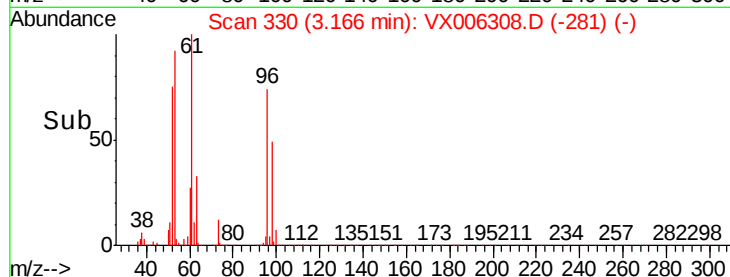
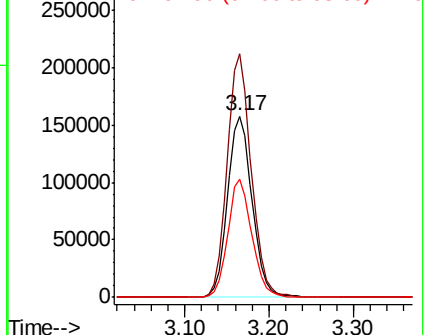
96 100

61 134.6 113.3 169.9

98 65.3 53.2 79.8



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



#22

Diisopropyl ether

Concen: 52.474 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Tgt Ion: 45 Resp: 1001112

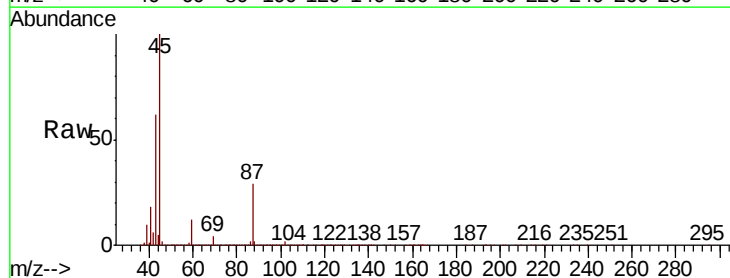
Ion Ratio Lower Upper

45 100

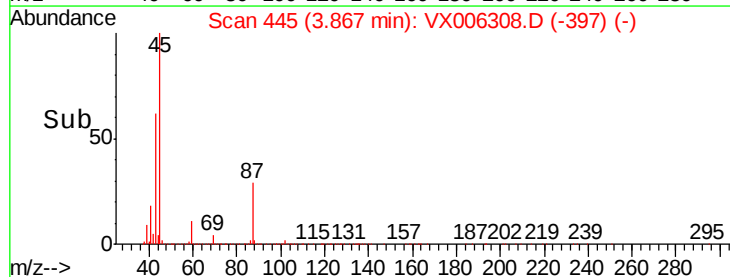
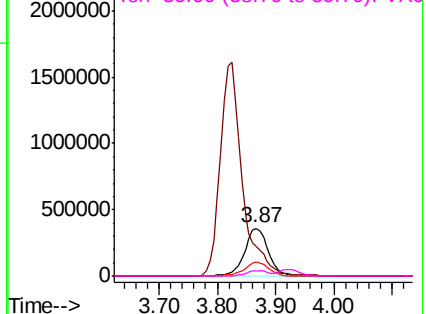
43 61.5 46.2 69.2

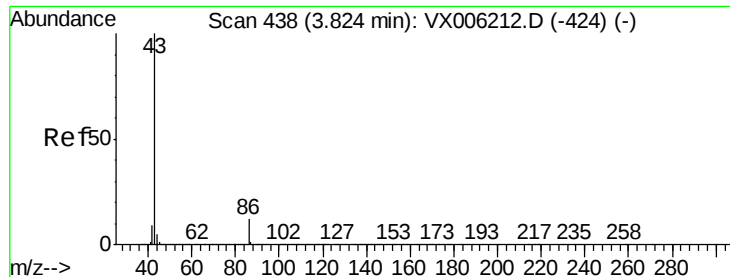
87 29.2 24.9 37.3

59 11.4 9.1 13.7



Abundance Ion 45.00 (44.70 to 45.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 87.00 (86.70 to 87.70): VX0
Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 261.225 ug/l

RT: 3.82 min Scan# 438

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

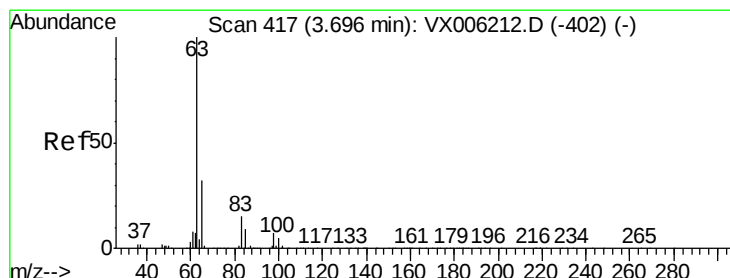
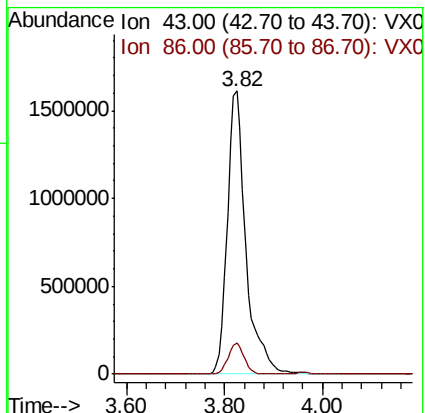
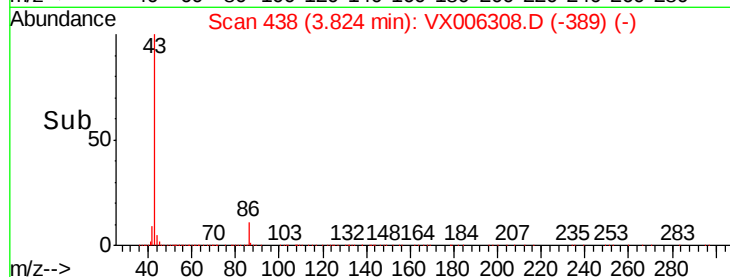
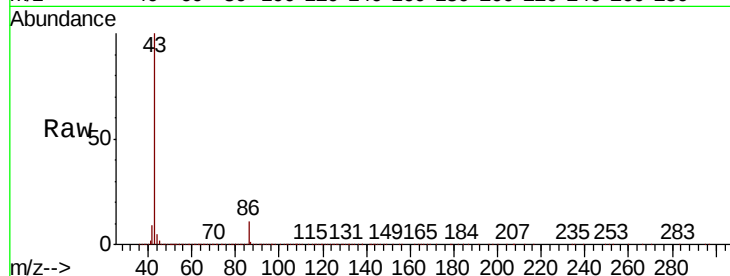
VSTDCCC050

Tot Ion: 43 Resp: 4250697

Ion Ratio Lower Upper

43 100

86 11.0 9.4 14.0



#24

1,1-Dichloroethane

Concen: 51.559 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

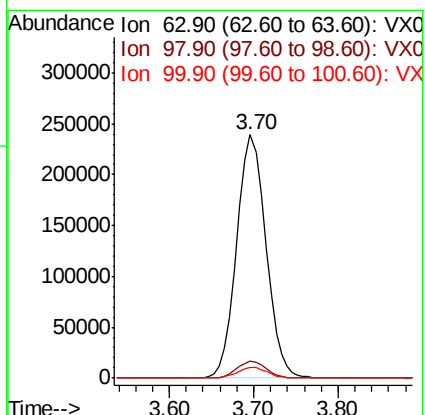
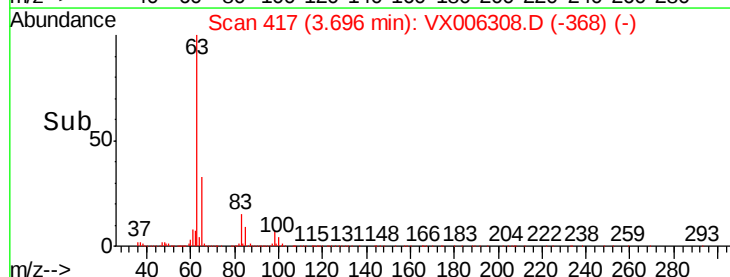
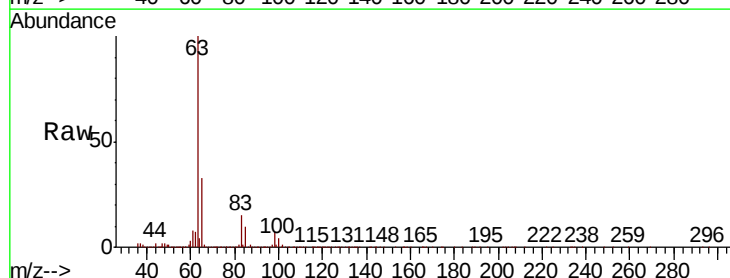
Tgt Ion: 63 Resp: 562237

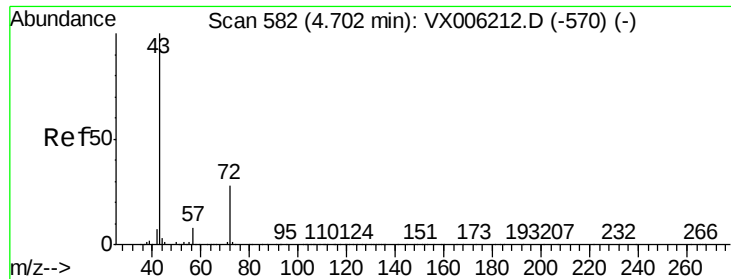
Ion Ratio Lower Upper

63 100

98 6.9 3.8 11.4

100 4.3 2.5 7.4





#25

2-Butanone

Concen: 224.293 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

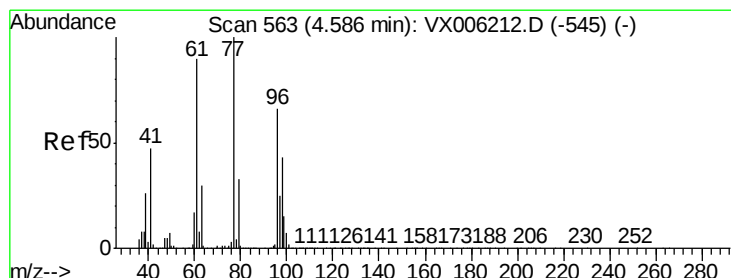
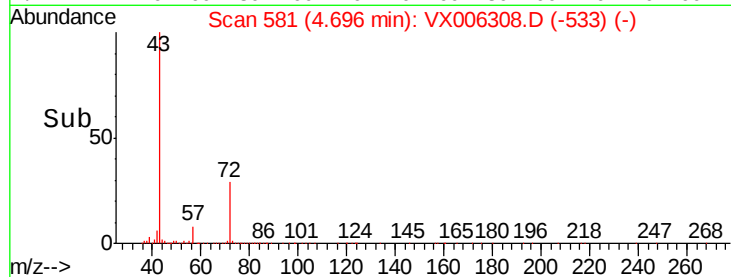
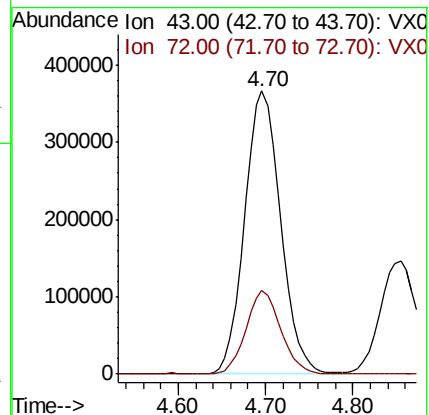
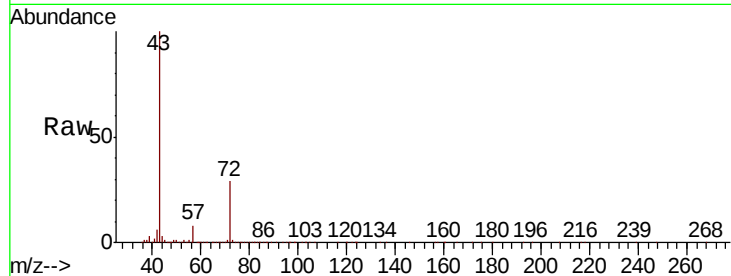
VSTDCCC050

Tot Ion: 43 Resp: 1047687

Ion Ratio Lower Upper

43 100

72 29.3 22.6 33.8



#26

2,2-Dichloropropane

Concen: 50.801 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.00 min

Lab File: VX006308.D

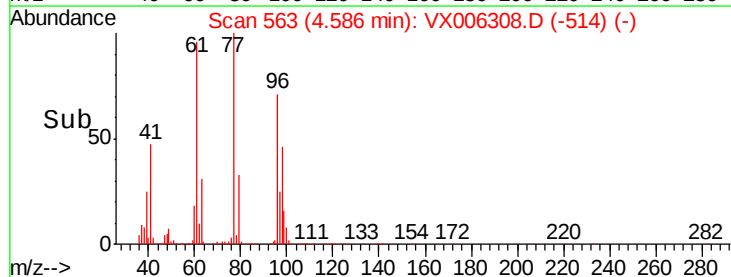
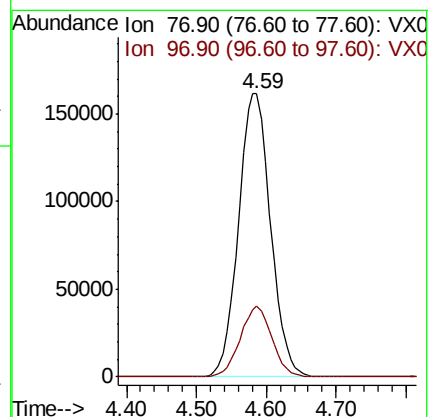
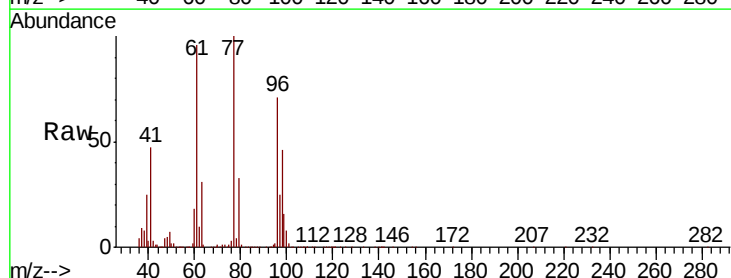
Acq: 06 Dec 2018 10:35

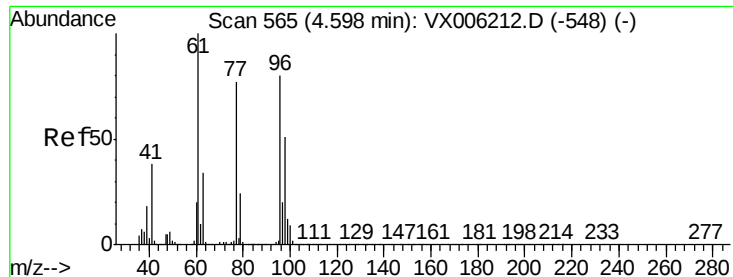
Tgt Ion: 77 Resp: 511253

Ion Ratio Lower Upper

77 100

97 24.8 12.3 36.8



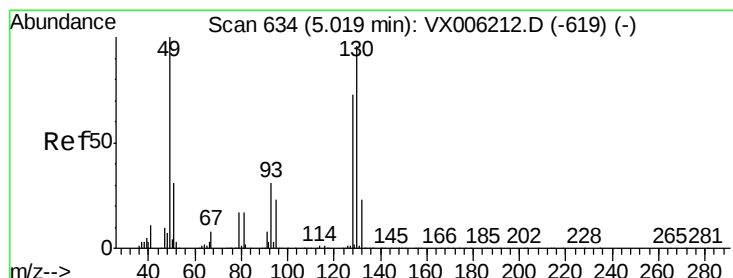
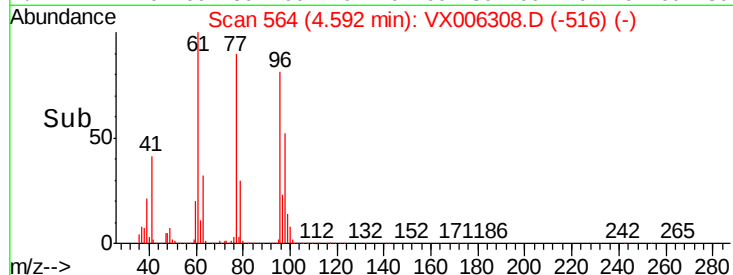
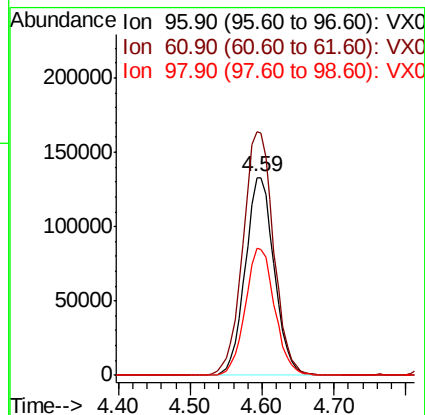
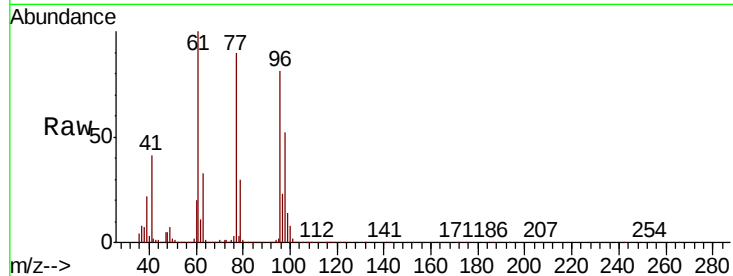


#27

cis-1,2-Dichloroethene
Concen: 50.574 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

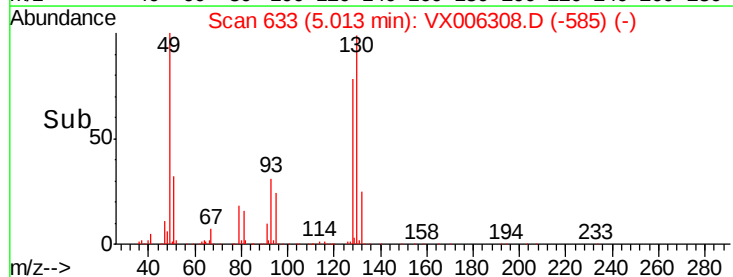
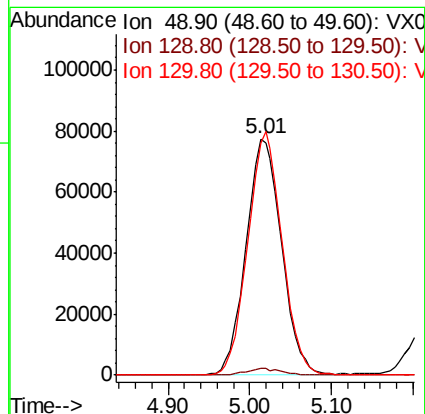
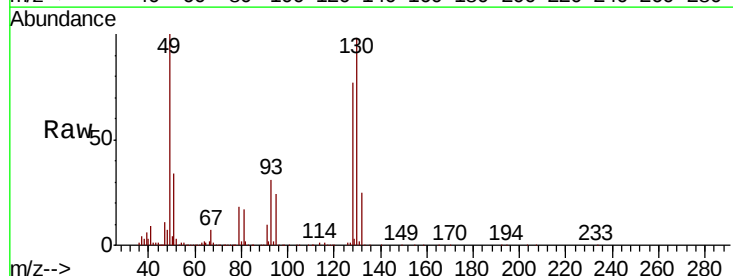
Tot Ion: 96 Resp: 371714
Ion Ratio Lower Upper
96 100
61 130.3 0.0 265.0
98 65.0 0.0 130.2

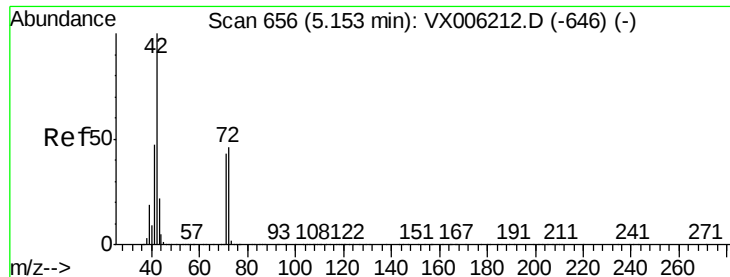


#28

Bromochloromethane
Concen: 49.279 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion: 49 Resp: 234723
Ion Ratio Lower Upper
49 100
129 2.7 0.0 5.0
130 99.1 78.3 117.5

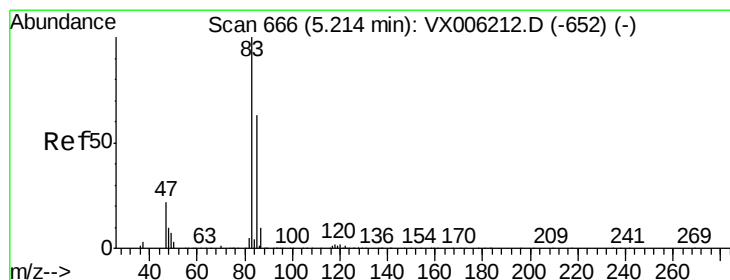
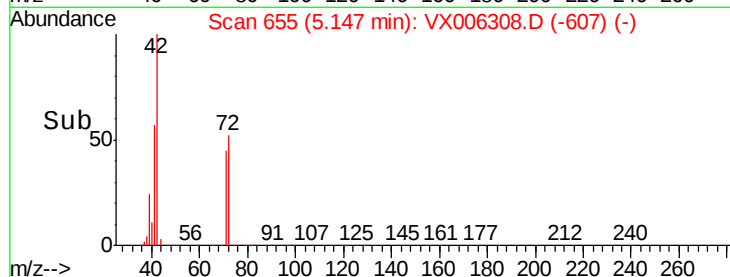
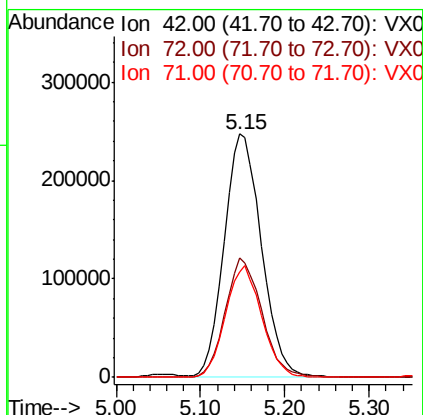
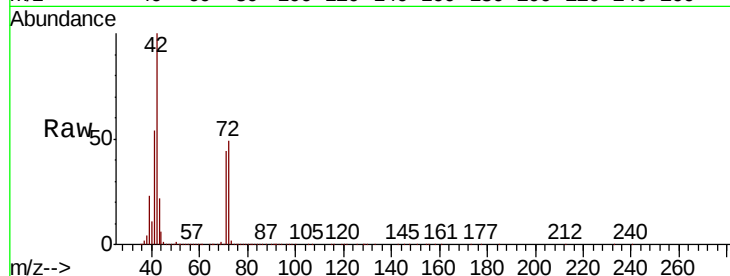




#29
Tetrahydrofuran
Concen: 227.405 ug/l
RT: 5.15 min Scan# 655
Delta R.T. -0.01 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

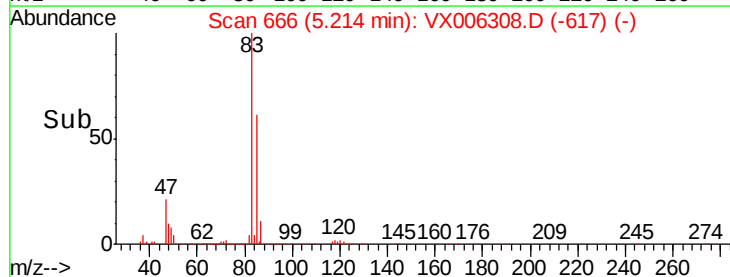
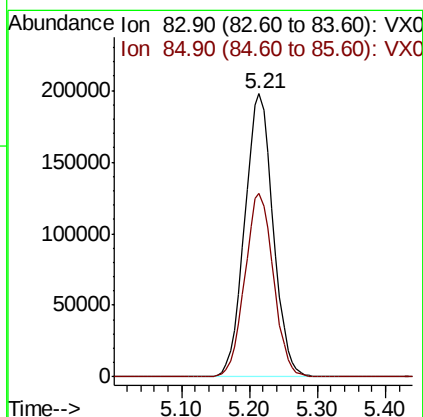
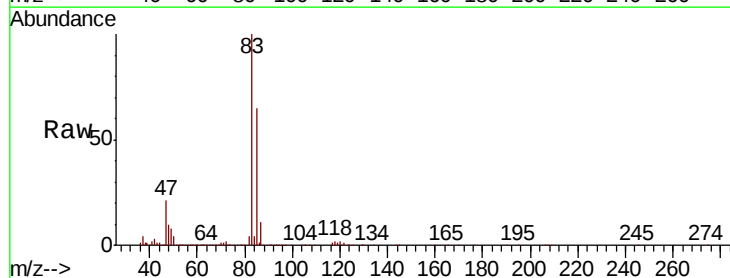
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

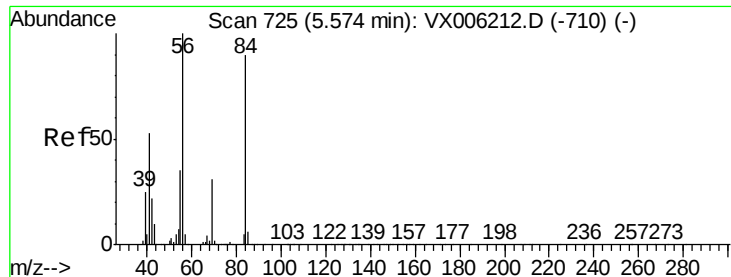
Tot Ion: 42 Resp: 738244
Ion Ratio Lower Upper
42 100
72 48.5 37.8 56.8
71 44.9 35.2 52.8



#30
Chloroform
Concen: 50.108 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion: 83 Resp: 574215
Ion Ratio Lower Upper
83 100
85 64.6 50.3 75.5





#31

Cyclohexane

Concen: 48.207 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

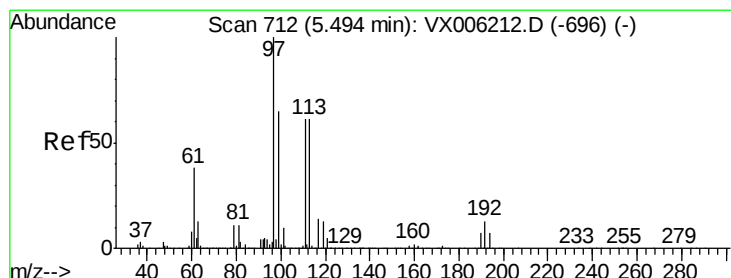
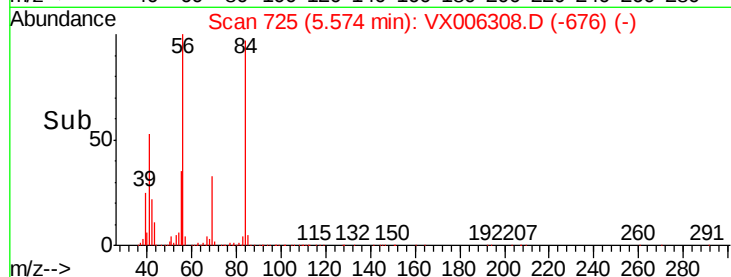
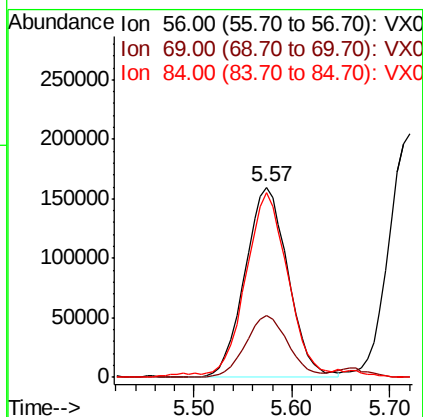
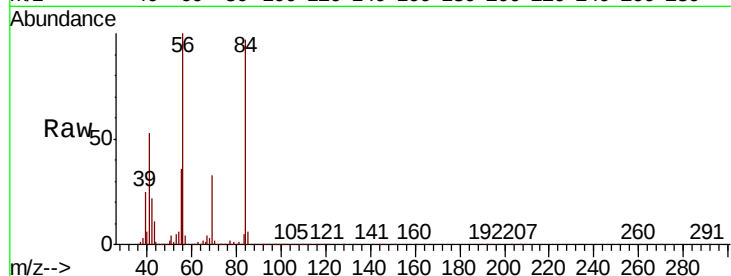
Tot Ion: 56 Resp: 485810

Ion Ratio Lower Upper

56 100

69 32.7 24.5 36.7

84 95.5 71.8 107.6



#32

1,1,1-Trichloroethane

Concen: 49.561 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

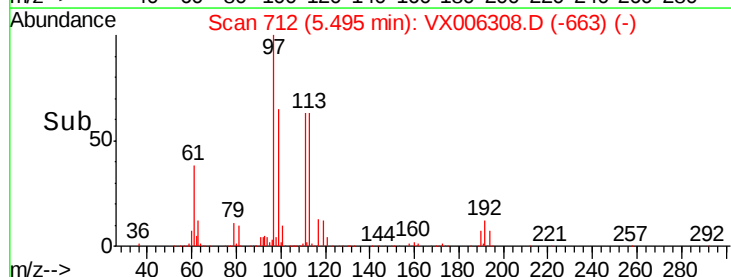
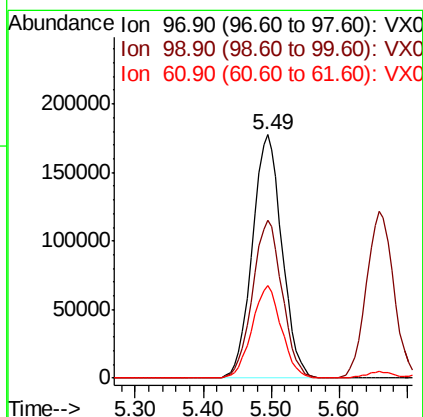
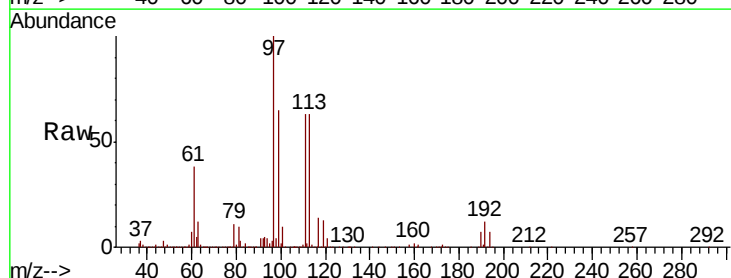
Tgt Ion: 97 Resp: 540383

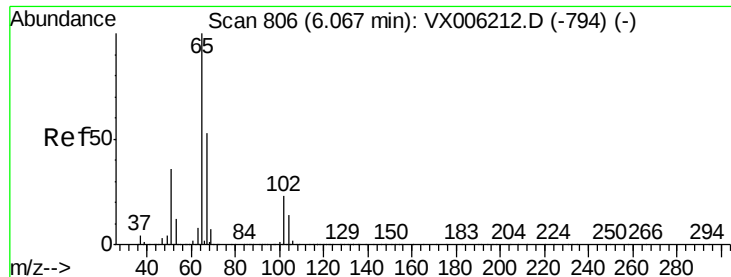
Ion Ratio Lower Upper

97 100

99 65.0 51.6 77.4

61 37.5 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 48.560 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.01 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

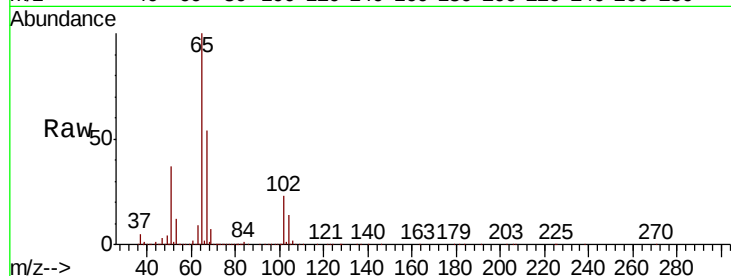
VSTDCCC050

Tot Ion: 65 Resp: 338743

Ion Ratio Lower Upper

65 100

67 53.3 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

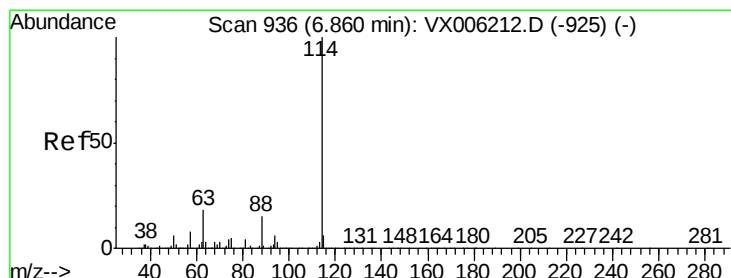
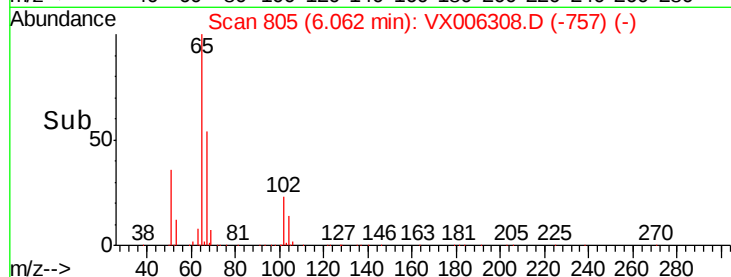
150000

100000

50000

0

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

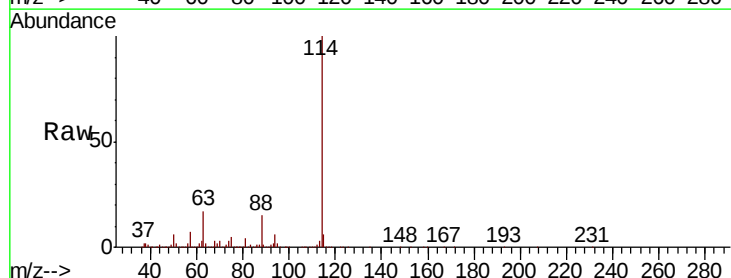
Tgt Ion: 114 Resp: 985591

Ion Ratio Lower Upper

114 100

63 17.3 0.0 36.6

88 15.4 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

500000

400000

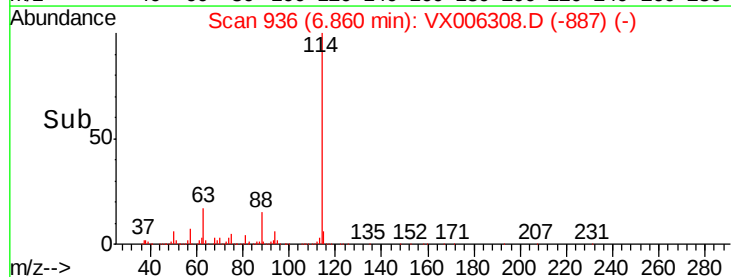
300000

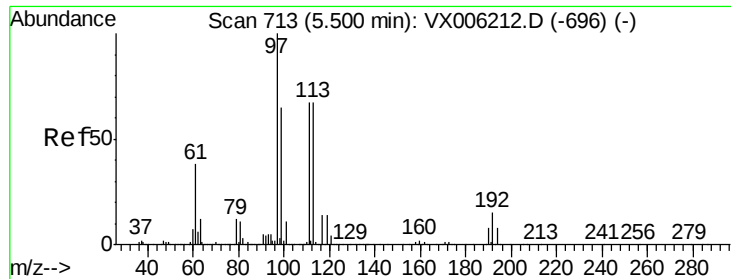
200000

100000

0

Time-->





#35

Dibromofluoromethane

Concen: 51.842 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

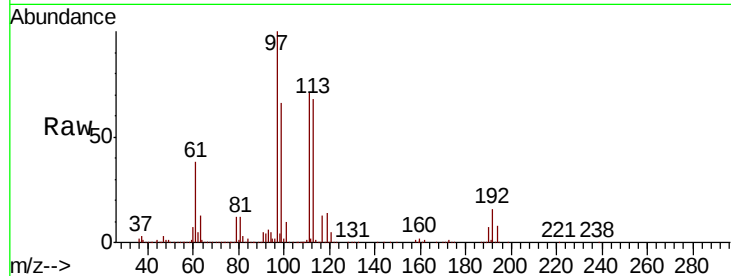
Tot Ion:113 Resp: 330818

Ion Ratio Lower Upper

113 100

111 102.0 81.1 121.7

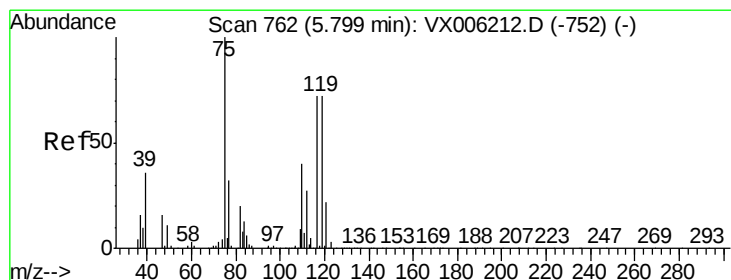
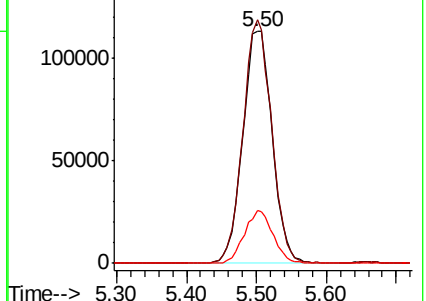
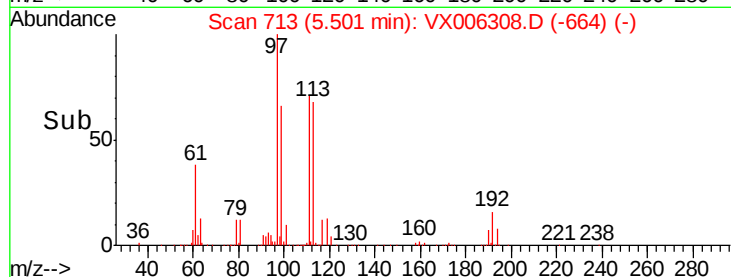
192 22.3 18.2 27.2



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: 50.810 ug/l

RT: 5.79 min Scan# 761

Delta R.T. -0.01 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

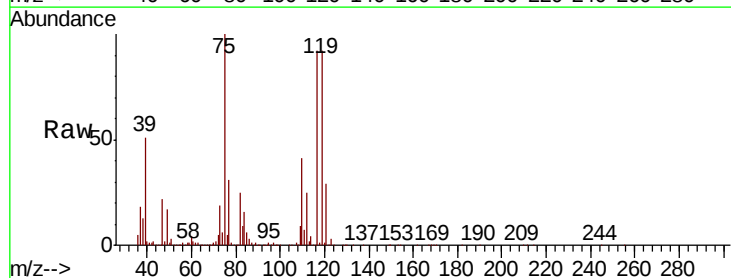
Tgt Ion: 75 Resp: 421710

Ion Ratio Lower Upper

75 100

110 41.3 20.4 61.3

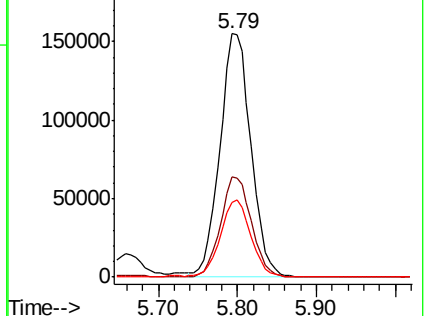
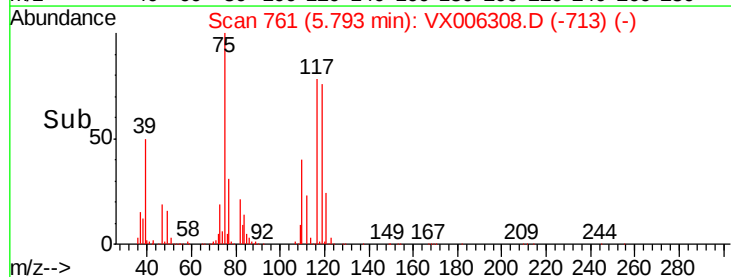
77 31.0 24.9 37.3

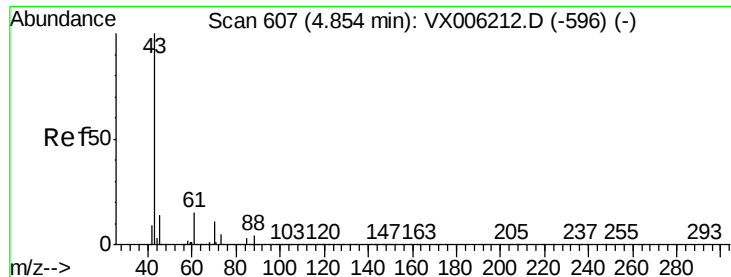


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

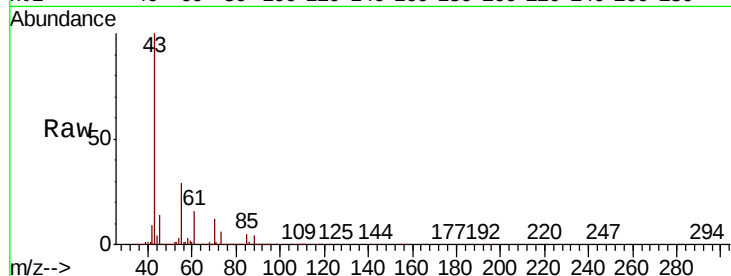




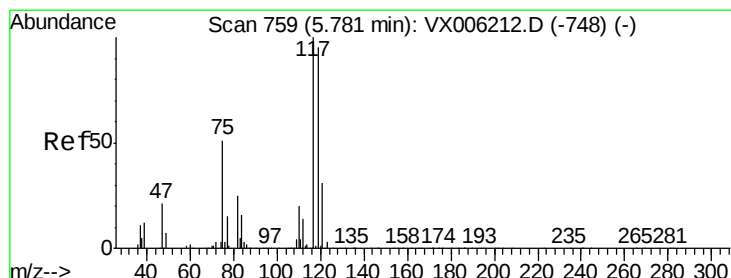
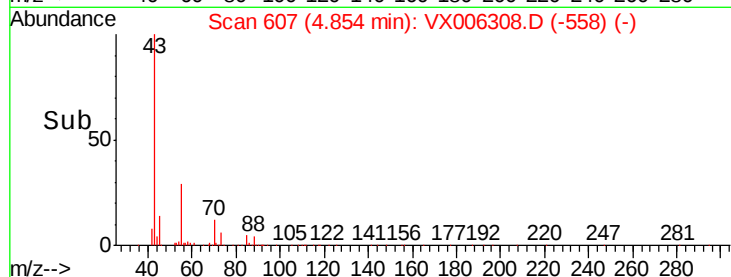
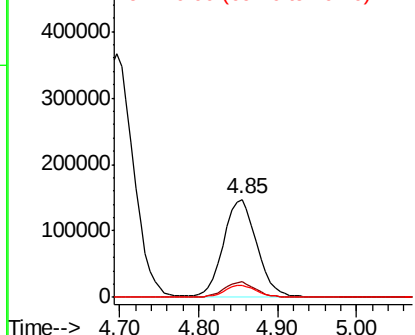
#37
Ethyl Acetate
Concen: 46.634 ug/l
RT: 4.85 min Scan# 607
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 433445
Ion Ratio Lower Upper
43 100
61 15.0 11.5 17.3
70 12.1 9.0 13.6

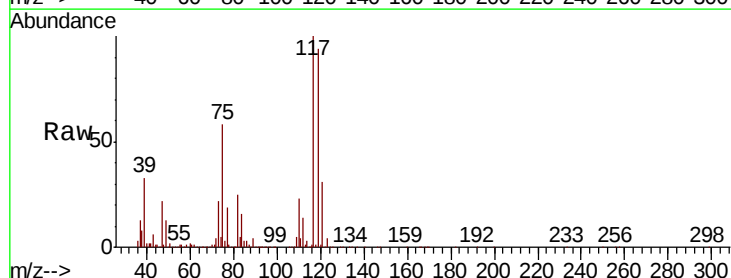


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

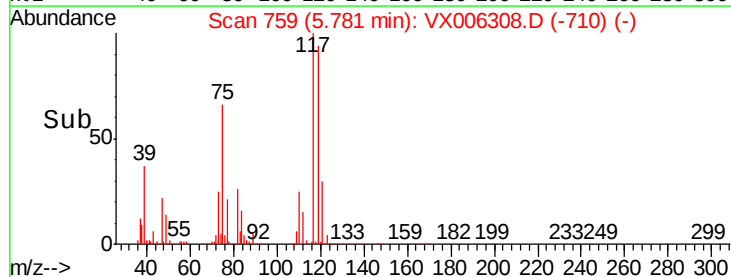
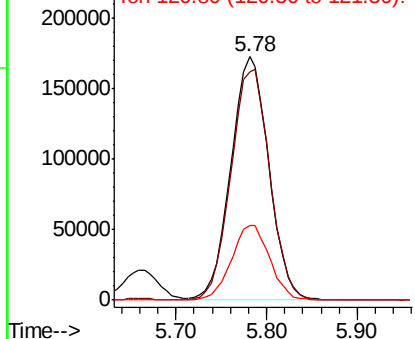


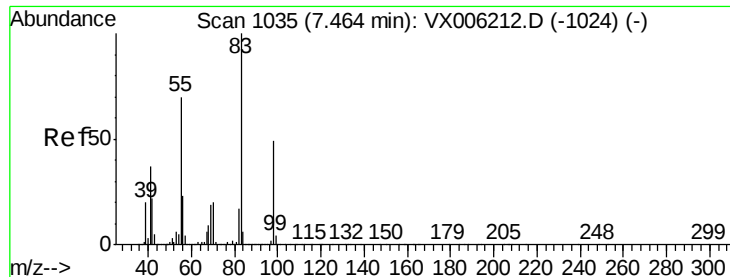
#38
Carbon Tetrachloride
Concen: 51.098 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion: 117 Resp: 498912
Ion Ratio Lower Upper
117 100
119 93.7 75.8 113.8
121 30.7 24.6 37.0



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

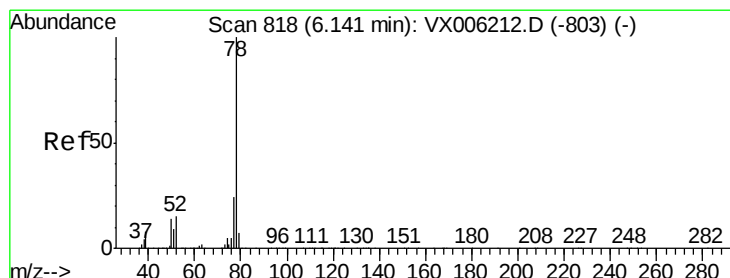
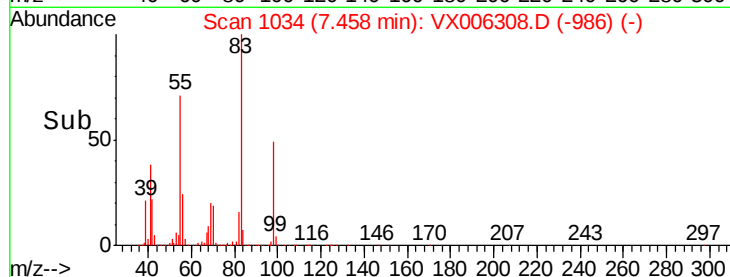
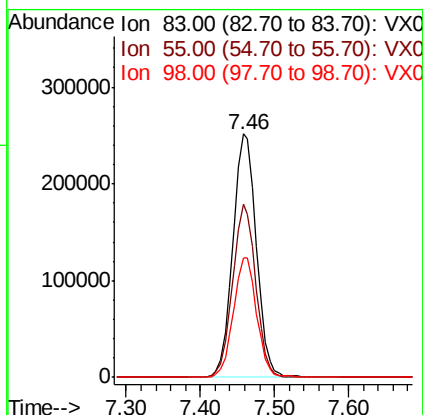
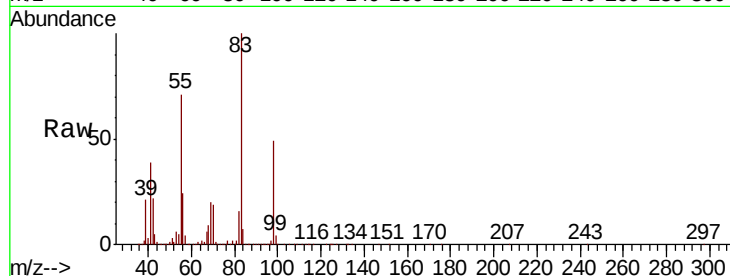




#39
Methvlcvclohexane
Concen: 51.755 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

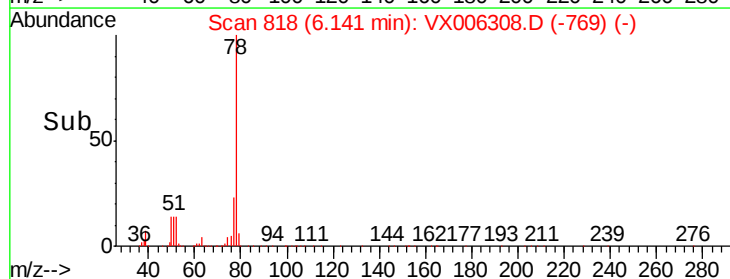
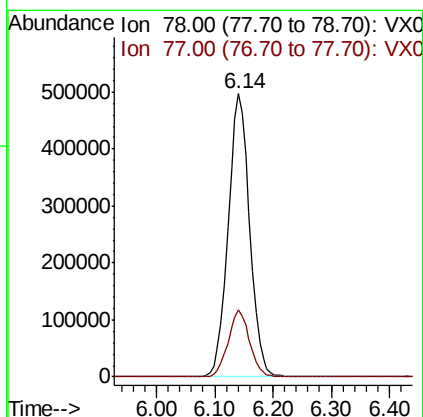
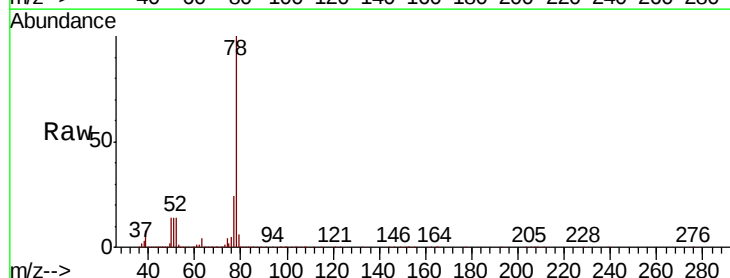
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

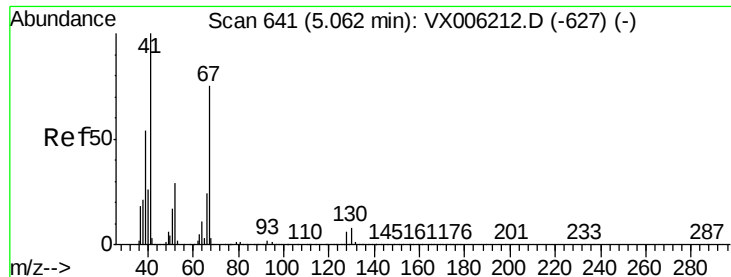
Tot Ion: 83 Resp: 557569
Ion Ratio Lower Upper
83 100
55 71.1 56.4 84.6
98 49.1 39.0 58.6



#40
Benzene
Concen: 51.168 ug/l
RT: 6.14 min Scan# 818
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion: 78 Resp: 1271953
Ion Ratio Lower Upper
78 100
77 23.8 19.2 28.8





#41

Methacrylonitrile

Concen: 47.259 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 241701

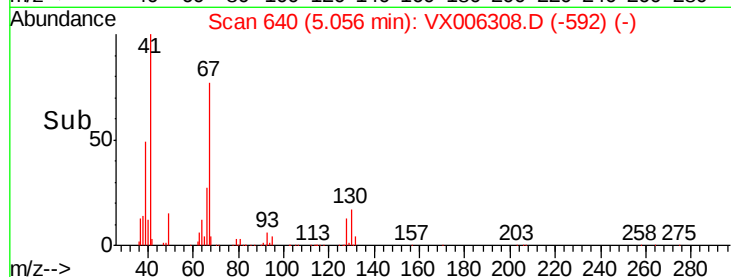
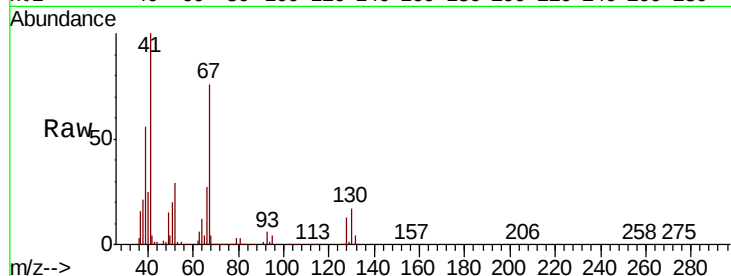
Ion Ratio Lower Upper

41 100

39 55.9 44.0 66.0

67 78.7 61.4 92.0

52 29.4 23.5 35.3

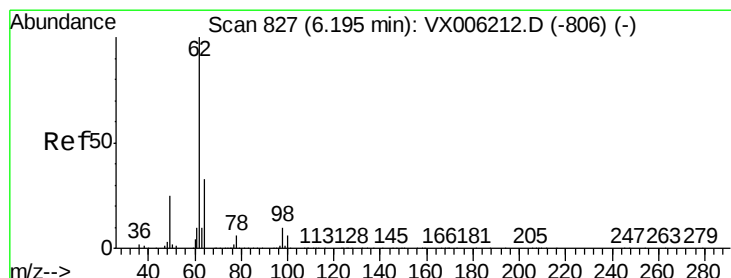
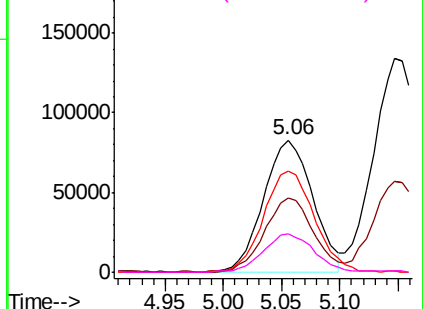


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 51.637 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX006308.D

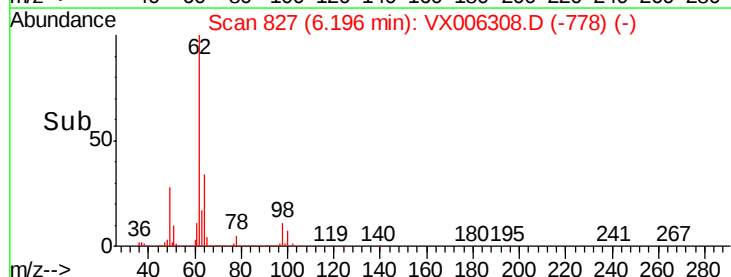
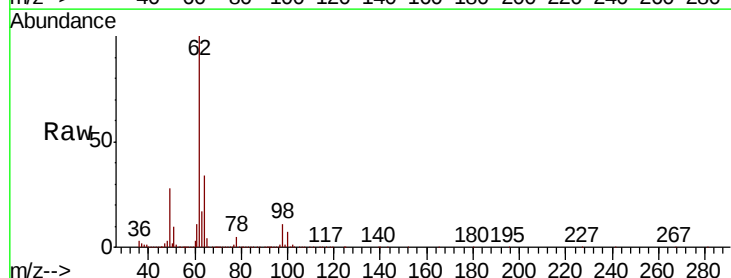
Acq: 06 Dec 2018 10:35

Tgt Ion: 62 Resp: 420104

Ion Ratio Lower Upper

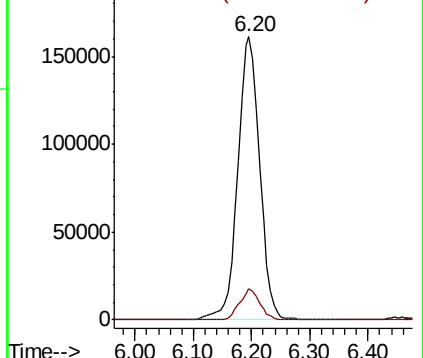
62 100

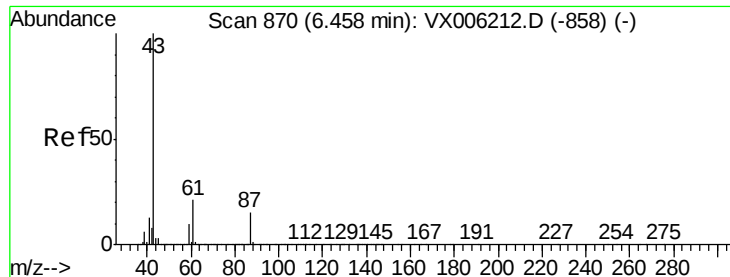
98 10.2 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



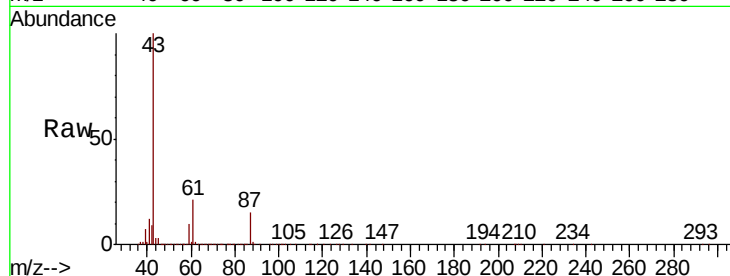


#43

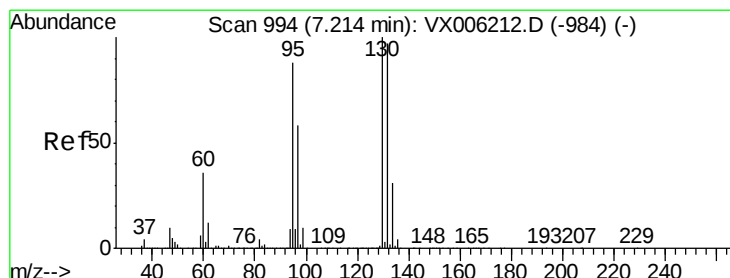
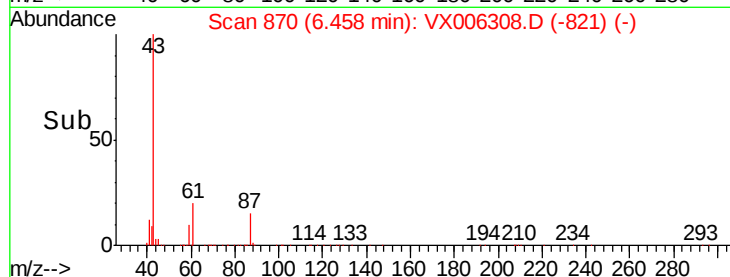
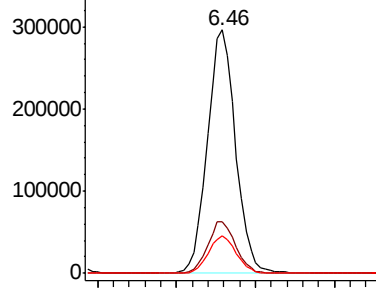
Isopropyl Acetate
 Concen: 47.209 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. 0.00 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
43	100		
61	21.0	16.8	25.2
87	15.3	11.9	17.9



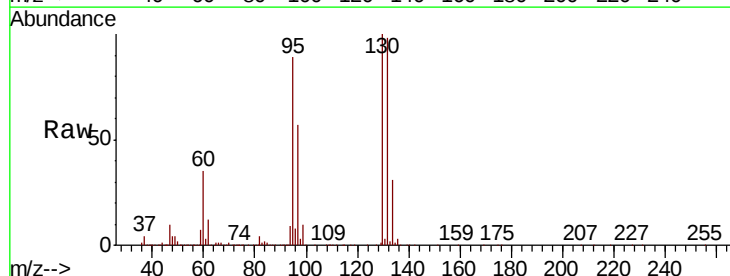
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



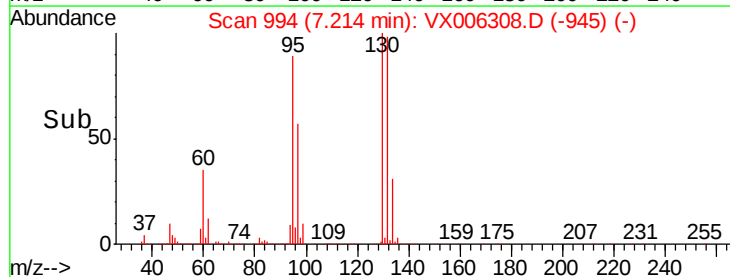
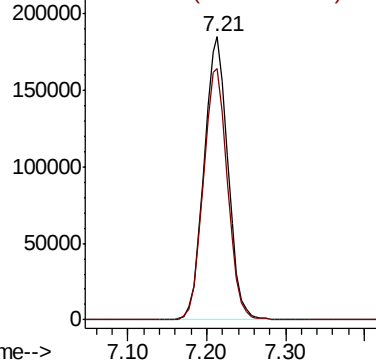
#44

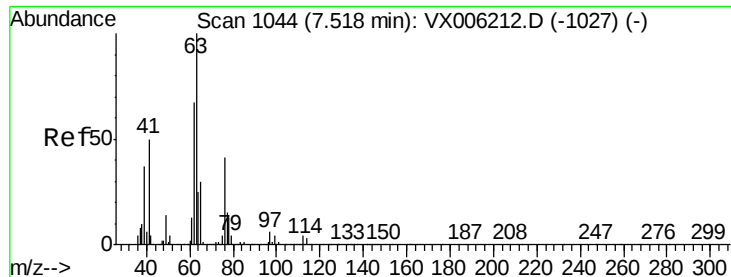
Trichloroethene
 Concen: 51.691 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.7	0.0	175.8



Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 50.044 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

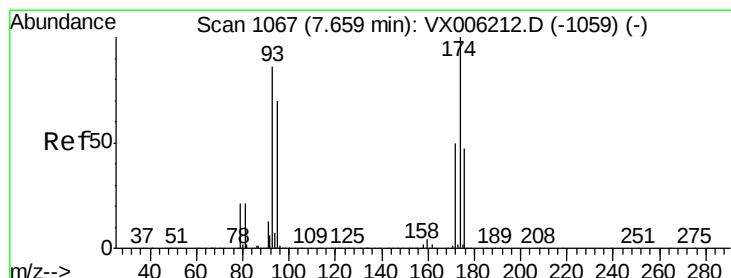
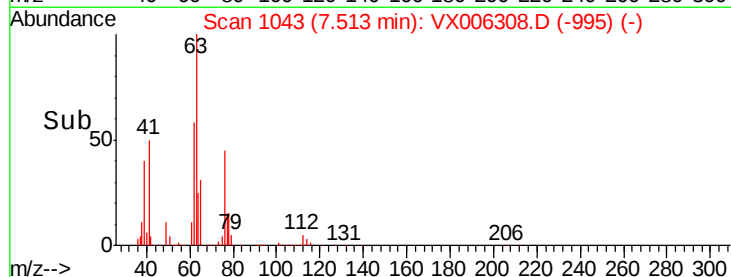
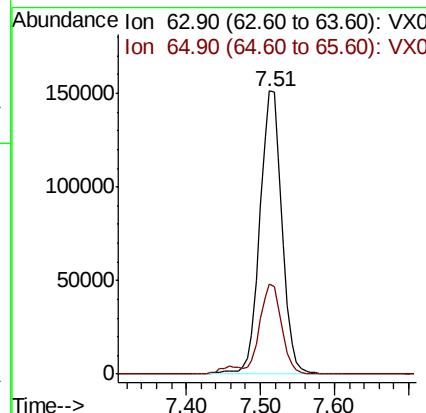
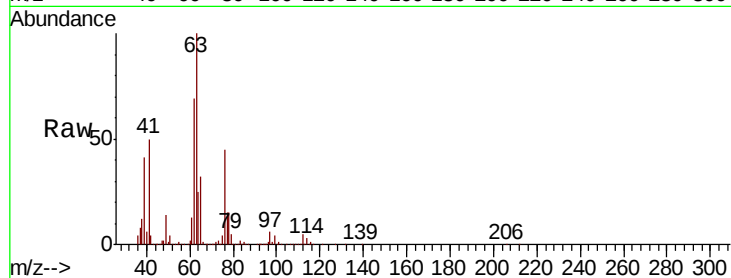
VSTDCCC050

Tot Ion: 63 Resp: 316168

Ion Ratio Lower Upper

63 100

65 31.9 24.3 36.5



#46

Dibromomethane

Concen: 50.908 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

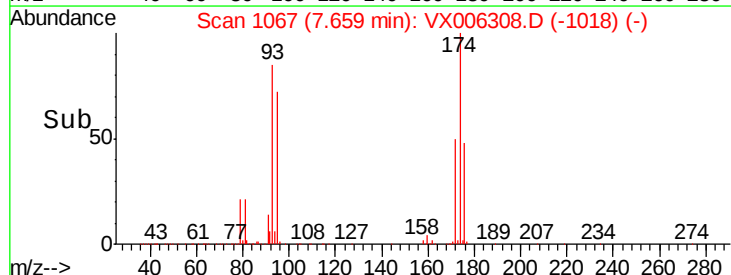
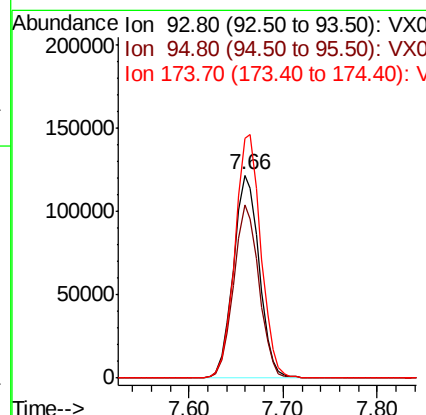
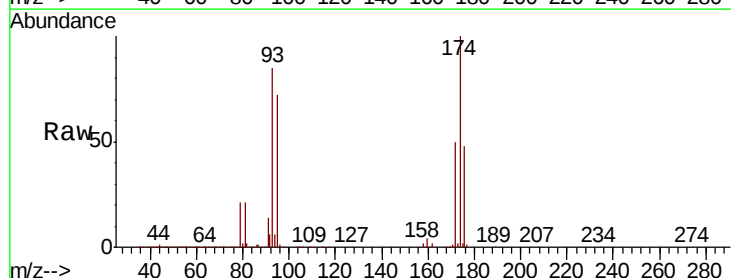
Tgt Ion: 93 Resp: 232283

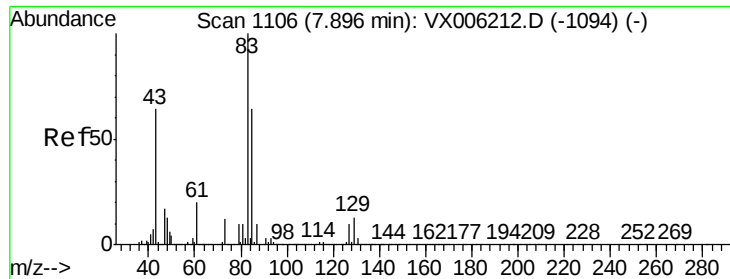
Ion Ratio Lower Upper

93 100

95 83.8 66.2 99.4

174 120.6 97.2 145.8





#47

Bromodichloromethane

Concen: 51.001 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

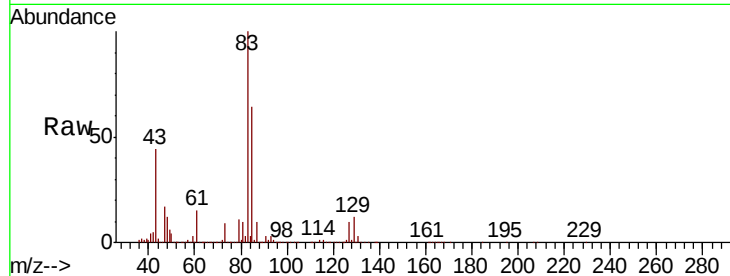
Tot Ion: 83 Resp: 450649

Ion Ratio Lower Upper

83 100

85 63.7 51.4 77.0

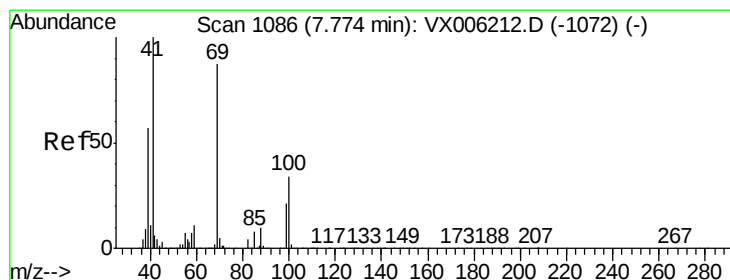
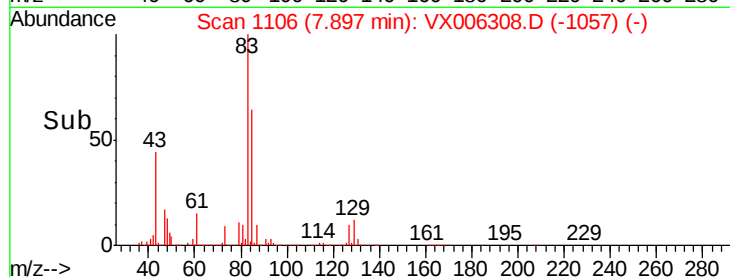
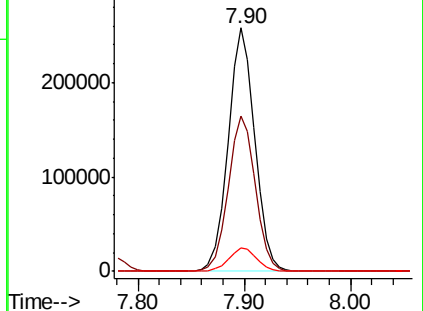
127 9.5 7.9 11.9



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: 48.155 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

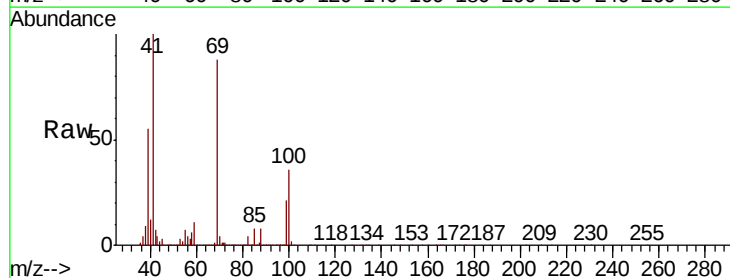
Tgt Ion: 41 Resp: 363039

Ion Ratio Lower Upper

41 100

69 90.6 70.3 105.5

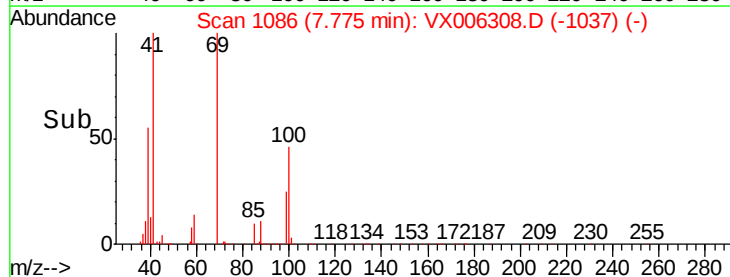
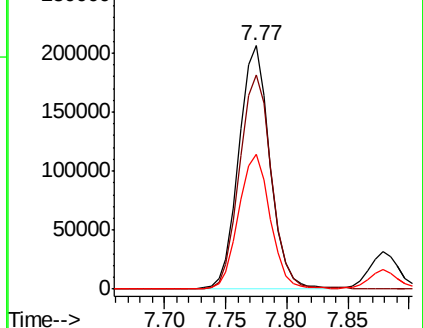
39 56.1 45.3 67.9

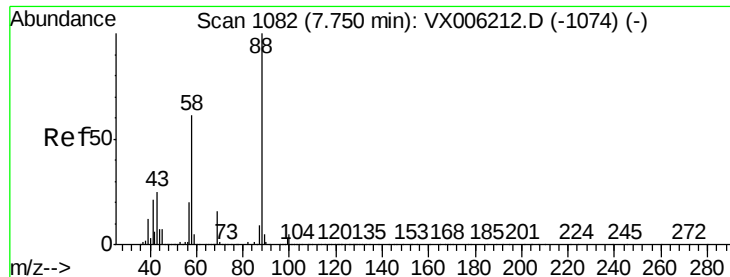


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 954.453 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

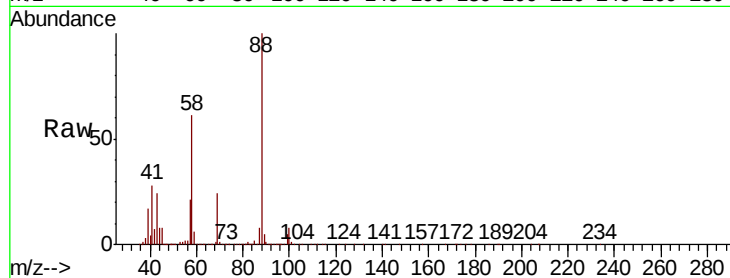
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 88 Resp: 177346

Ion	Ratio	Lower	Upper
88	100		
43	28.0	23.2	34.8
58	62.0	51.4	77.0

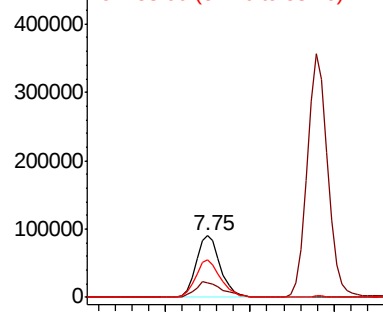


Abundance

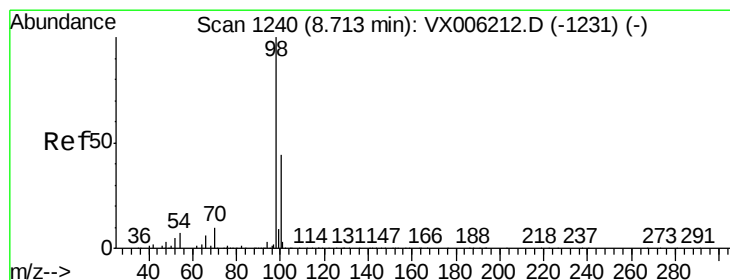
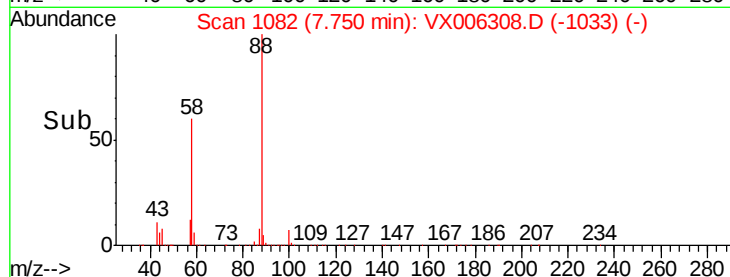
Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



Time-->



#50

Toluene-d8

Concen: 50.118 ug/l

RT: 8.71 min Scan# 1240

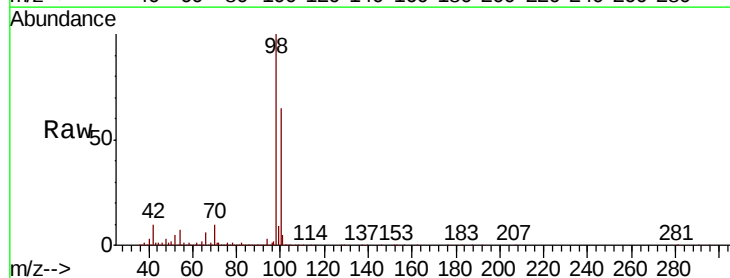
Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Tgt Ion: 98 Resp: 1163309

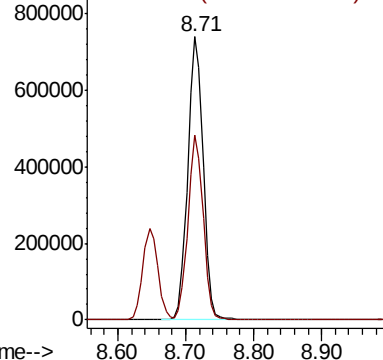
Ion	Ratio	Lower	Upper
98	100		
100	64.0	52.2	78.2



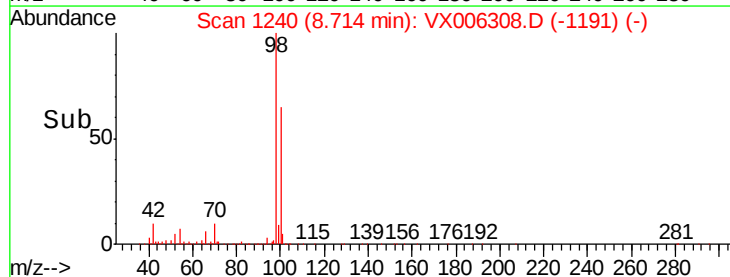
Abundance

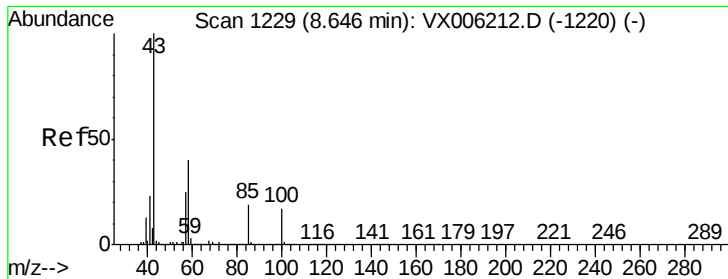
Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



Time-->





#51

4-Methyl-2-Pentanone

Concen: 238.799 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

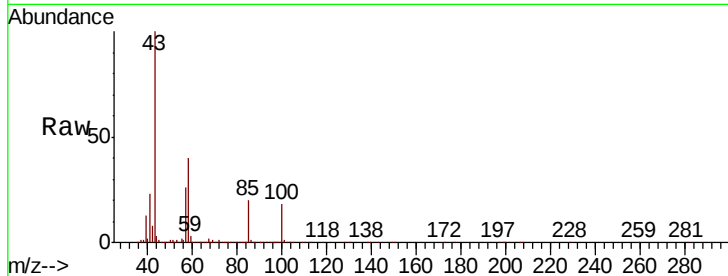
VSTDCCC050

Tot Ion: 43 Resp: 2154280

Ion Ratio Lower Upper

43 100

58 40.0 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

1500000

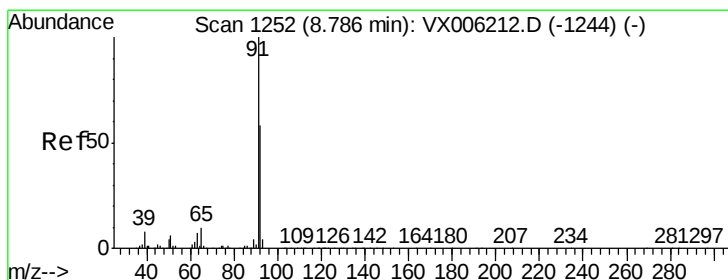
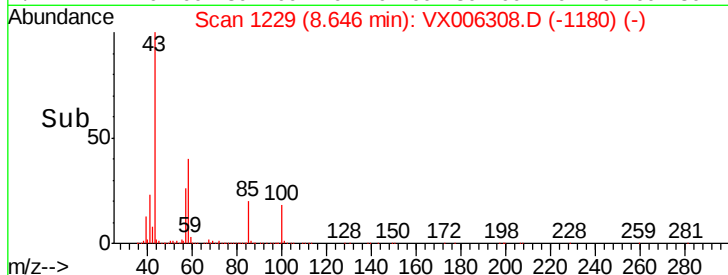
1000000

500000

0

8.50 8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 50.395 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX006308.D

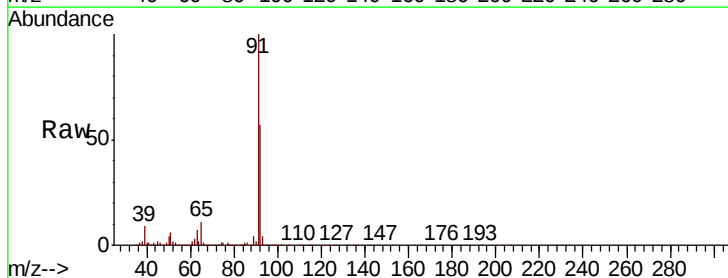
Acq: 06 Dec 2018 10:35

Tgt Ion: 92 Resp: 824173

Ion Ratio Lower Upper

92 100

91 173.0 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

1000000

800000

600000

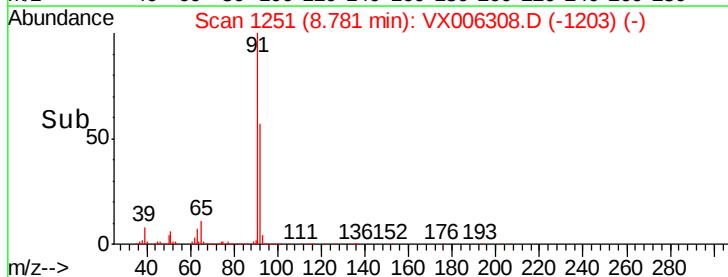
400000

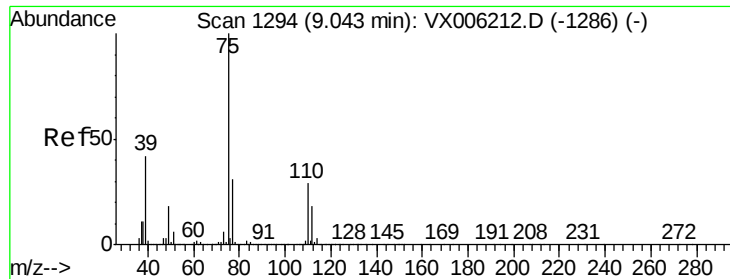
200000

0

8.70 8.80 8.90

Time-->

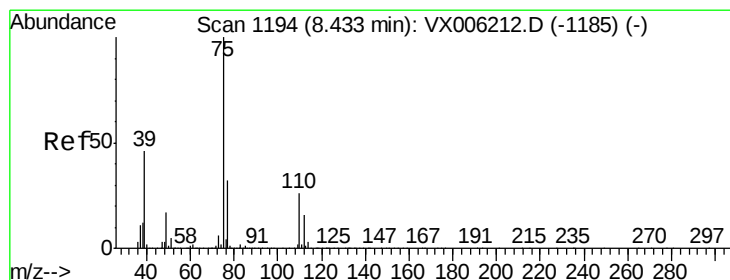
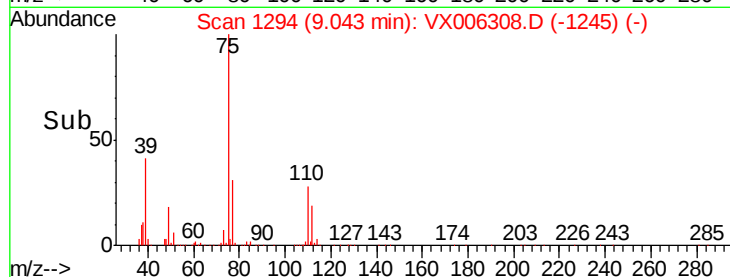
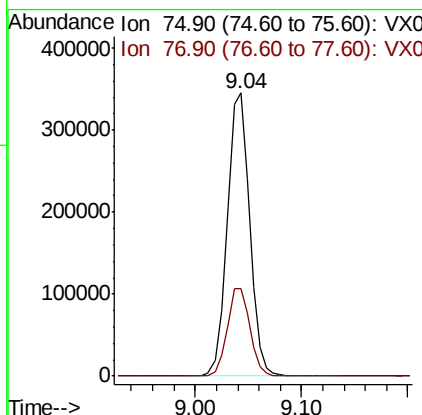
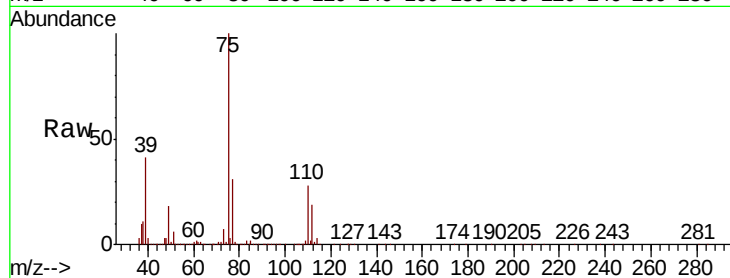




#53
t-1,3-Dichloropropene
Concen: 49.270 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

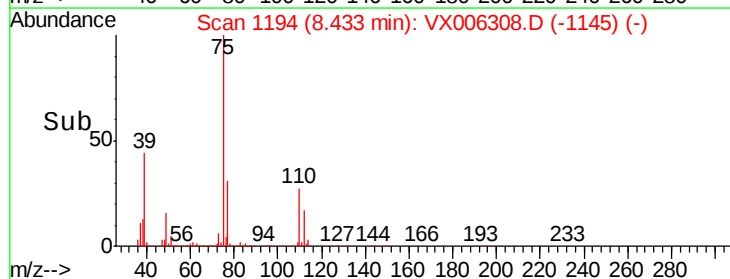
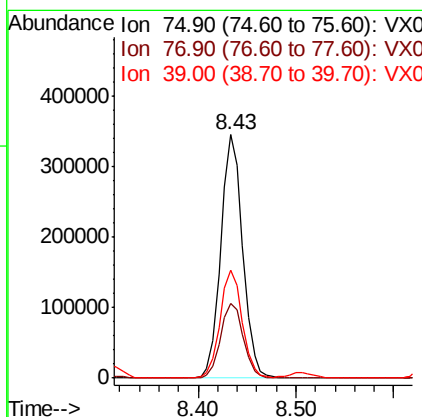
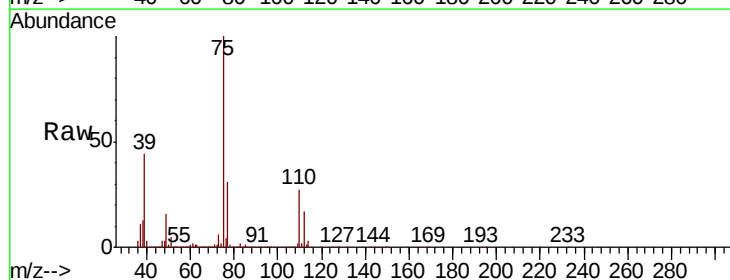
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

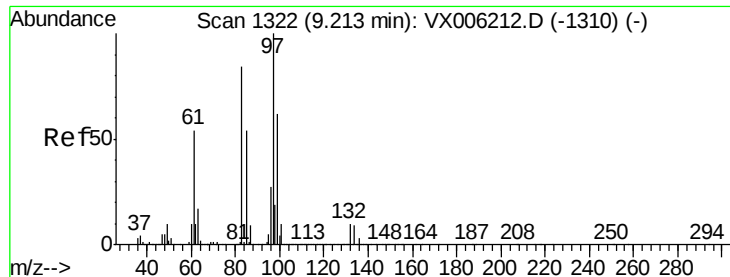
Tot Ion: 75 Resp: 509144
Ion Ratio Lower Upper
75 100
77 31.0 25.0 37.4



#54
cis-1,3-Dichloropropene
Concen: 49.913 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion: 75 Resp: 535591
Ion Ratio Lower Upper
75 100
77 30.7 25.6 38.4
39 44.3 36.5 54.7





#55

1,1,2-Trichloroethane

Concen: 51.635 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 343062

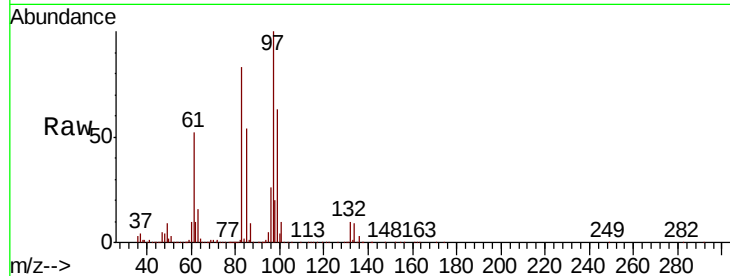
Ion Ratio Lower Upper

97 100

83 82.7 67.1 100.7

85 53.8 43.2 64.8

99 62.5 49.8 74.6

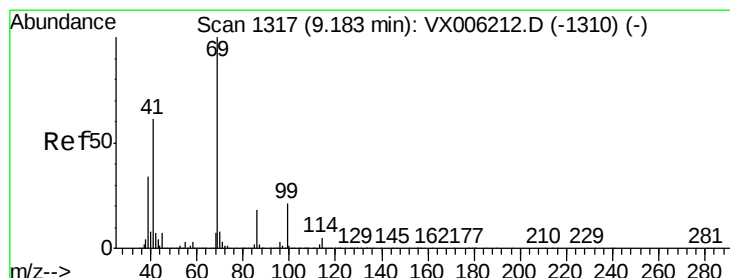
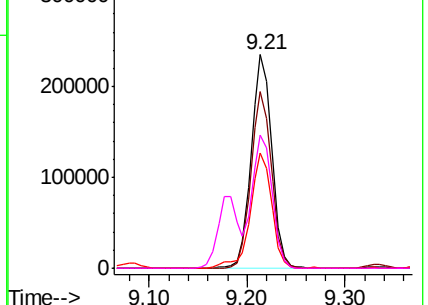
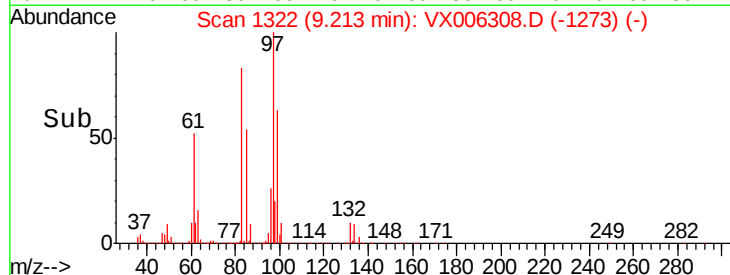


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 50.471 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

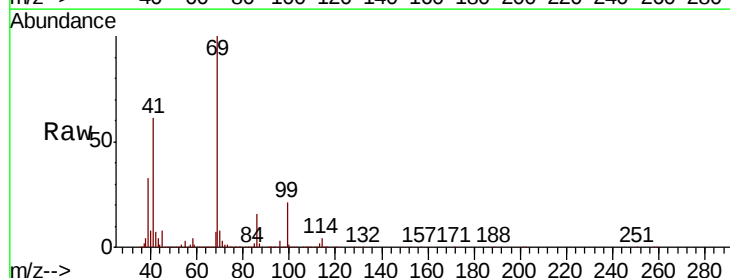
Tgt Ion: 69 Resp: 524229

Ion Ratio Lower Upper

69 100

41 60.8 50.6 76.0

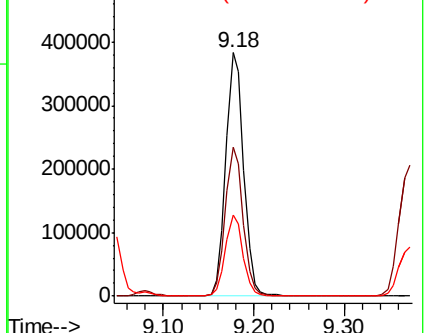
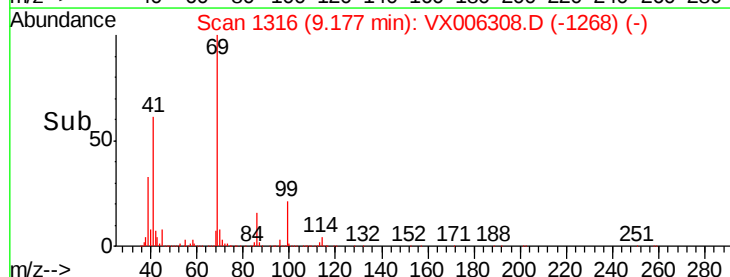
39 32.9 27.6 41.4

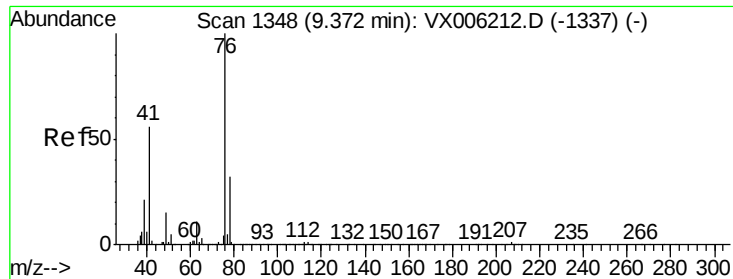


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

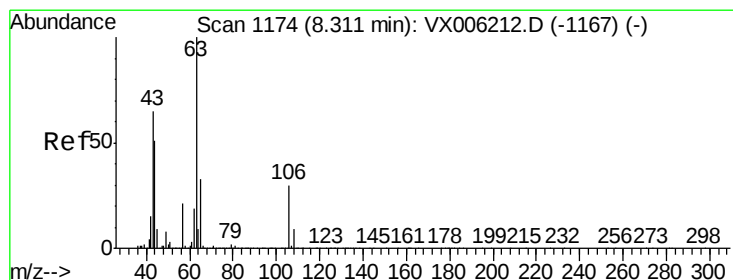
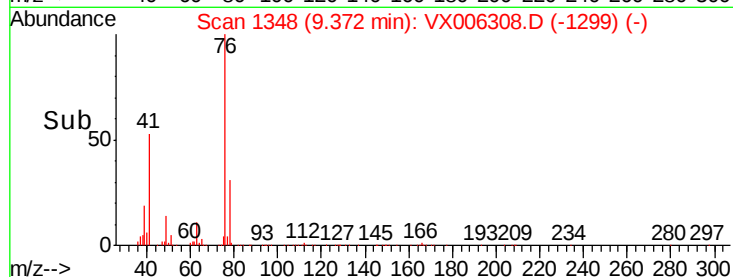
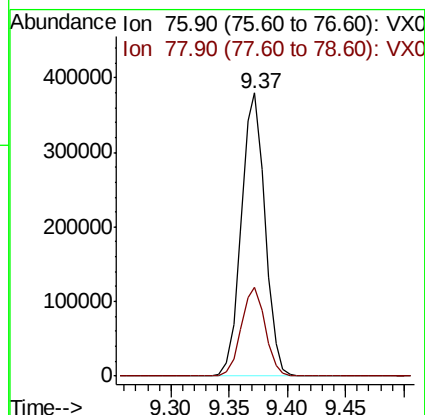
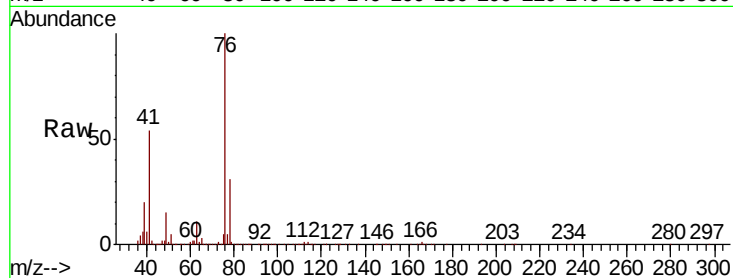




#57
 1,3-Dichloropropane
 Concen: 51.283 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

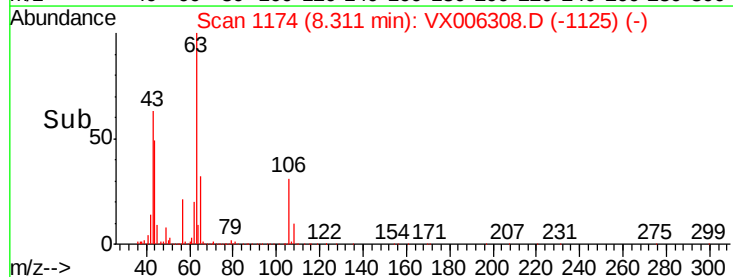
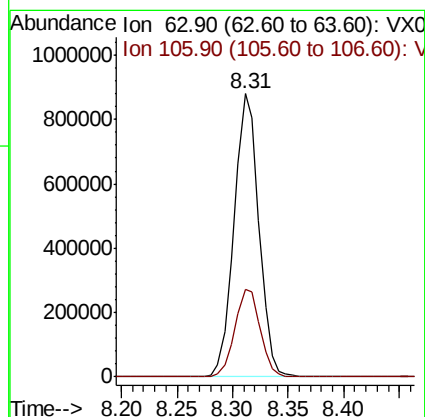
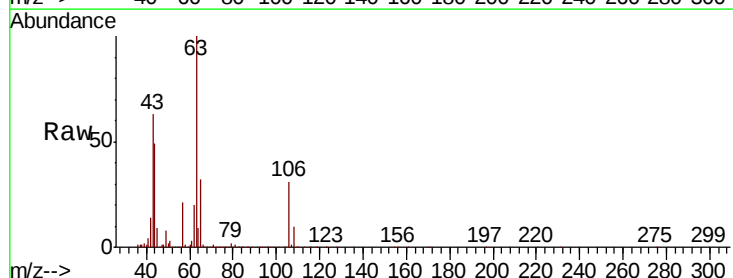
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

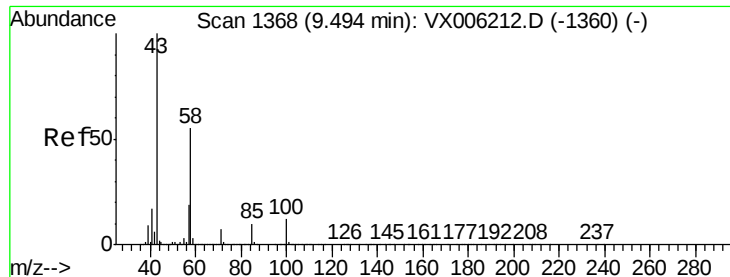
Tot Ion: 76 Resp: 538788
 Ion Ratio Lower Upper
 76 100
 78 31.6 26.1 39.1



#58
 2-Chloroethyl Vinyl ether
 Concen: 256.345 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. 0.00 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

Tgt Ion: 63 Resp: 1351126
 Ion Ratio Lower Upper
 63 100
 106 31.8 24.9 37.3

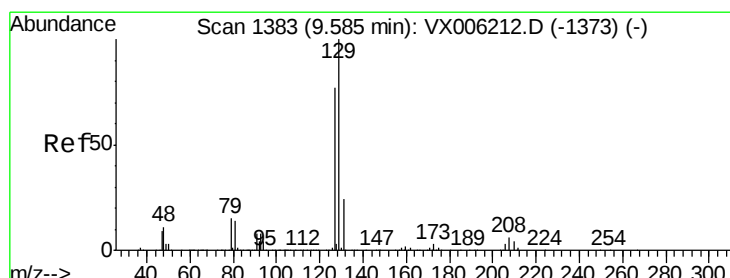
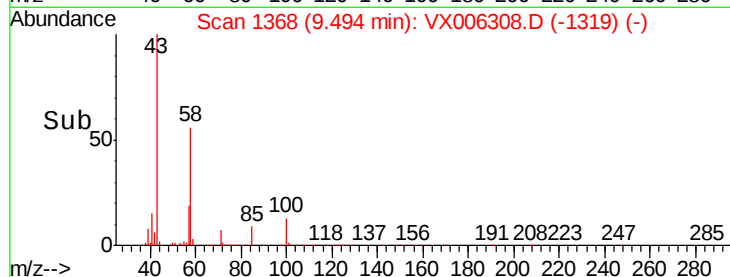
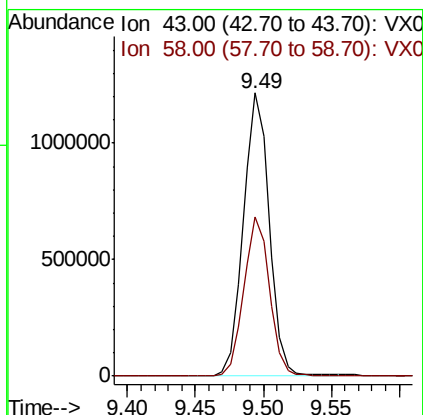
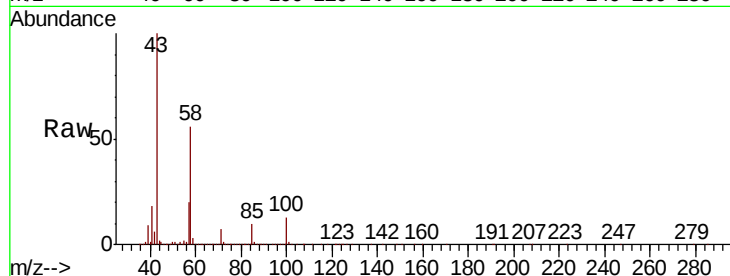




#59
2-Hexanone
Concen: 234.638 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

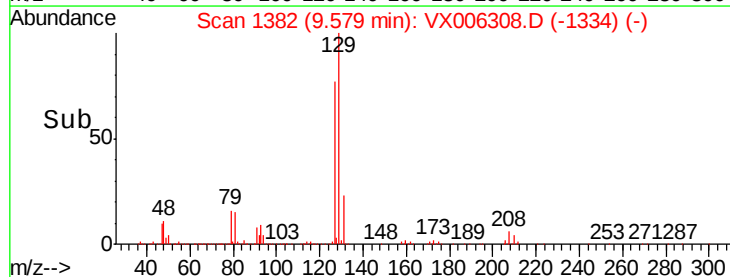
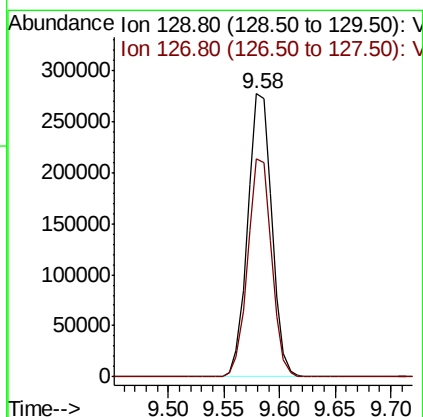
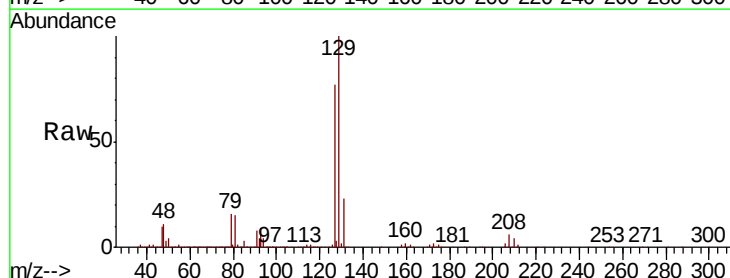
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

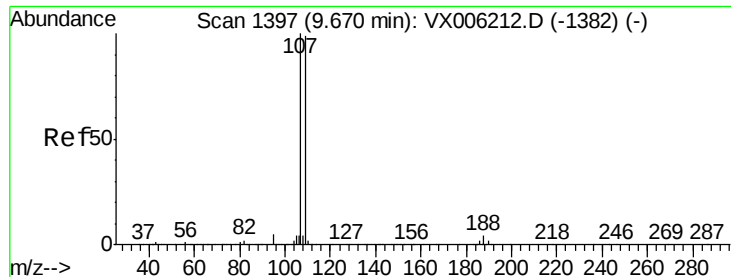
Tot Ion: 43 Resp: 1617201
Ion Ratio Lower Upper
43 100
58 55.9 27.7 83.1



#60
Dibromochloromethane
Concen: 50.930 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion:129 Resp: 417255
Ion Ratio Lower Upper
129 100
127 76.2 38.6 115.8





#61

1,2-Dibromoethane

Concen: 49.999 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

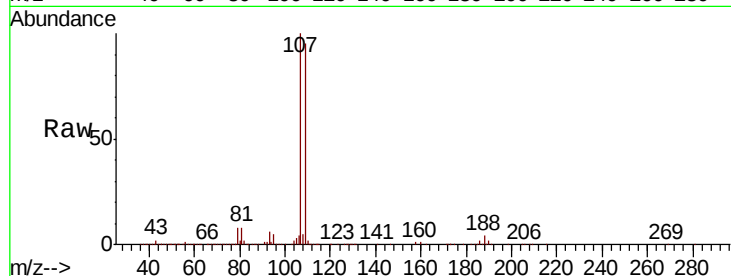
VSTDCCC050

Tot Ion:107 Resp: 371445

Ion Ratio Lower Upper

107 100

109 94.7 76.3 114.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

250000

200000

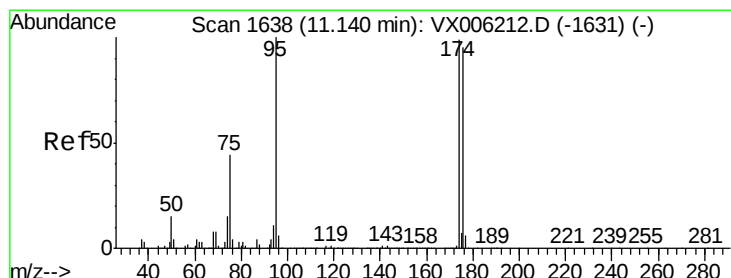
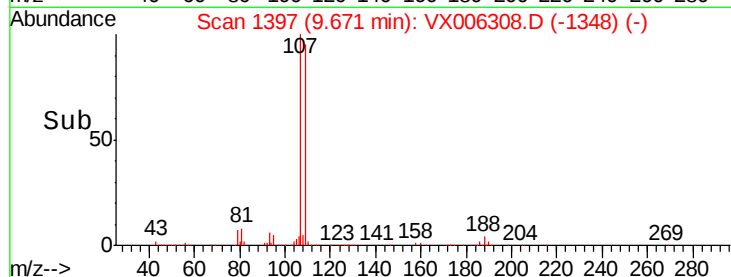
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 51.671 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

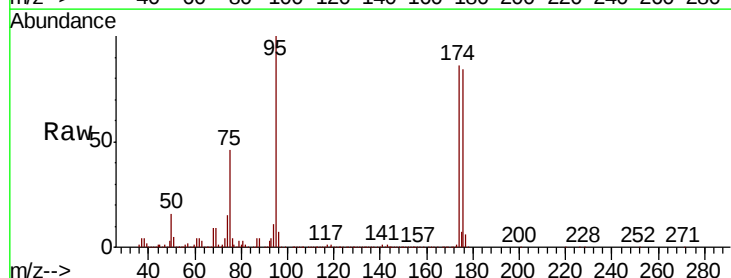
Tgt Ion: 95 Resp: 451953

Ion Ratio Lower Upper

95 100

174 92.5 0.0 187.0

176 89.4 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

11.13

400000

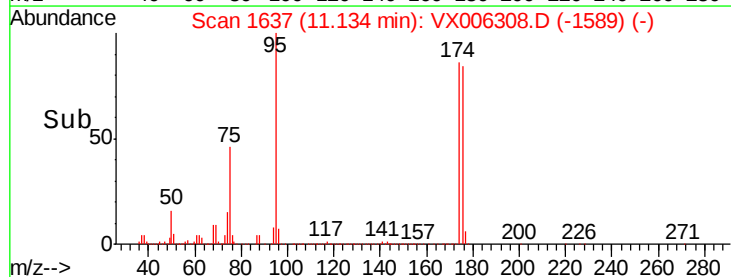
300000

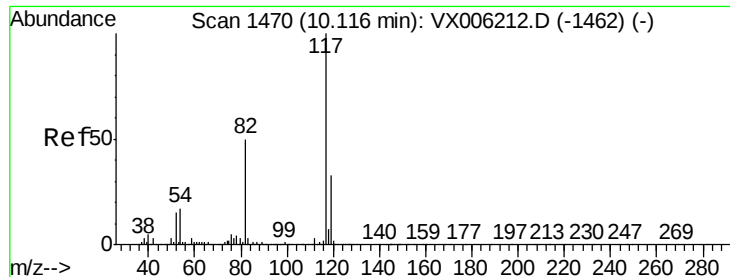
200000

100000

0

Time-->

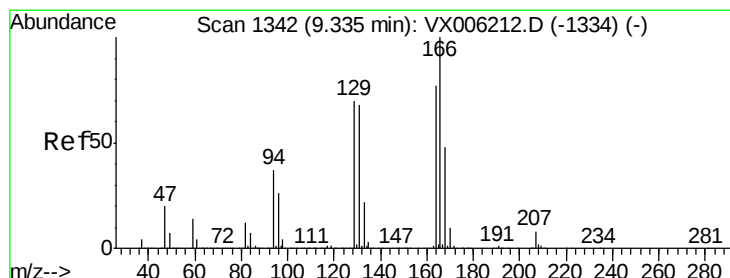
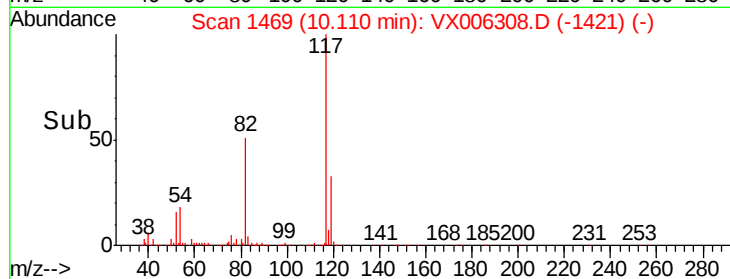
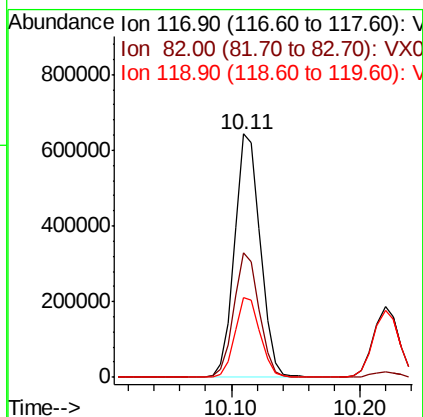
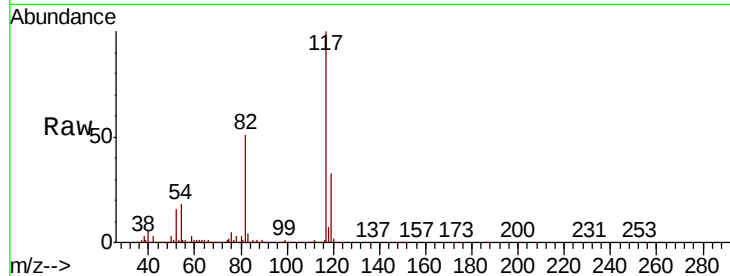




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.01 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

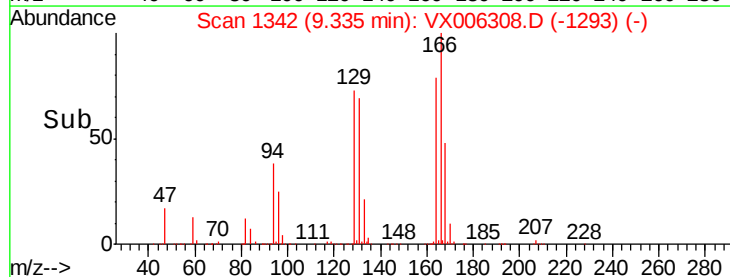
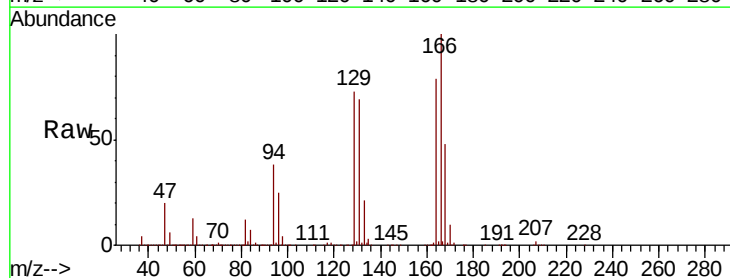
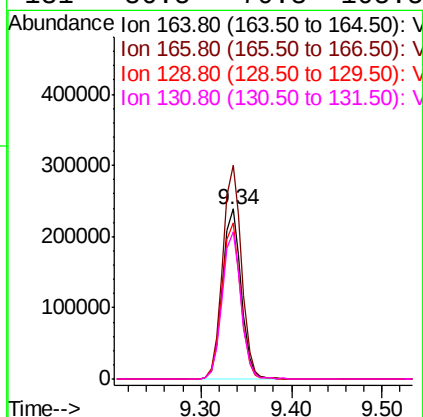
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

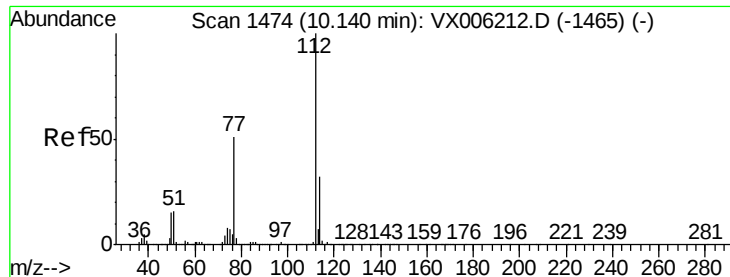
Tot Ion:117 Resp: 895288
Ion Ratio Lower Upper
117 100
82 51.3 39.6 59.4
119 32.5 26.3 39.5



#64
Tetrachloroethene
Concen: 51.040 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion:164 Resp: 344131
Ion Ratio Lower Upper
164 100
166 125.8 104.2 156.2
129 92.1 72.6 108.8
131 86.5 70.3 105.5





#65

Chlorobenzene

Concen: 51.603 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

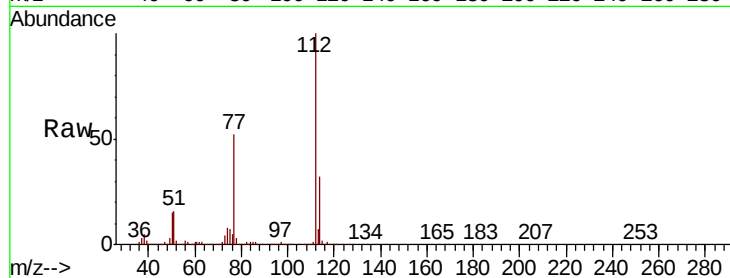
VSTDCCC050

Tot Ion:112 Resp: 980714

Ion Ratio Lower Upper

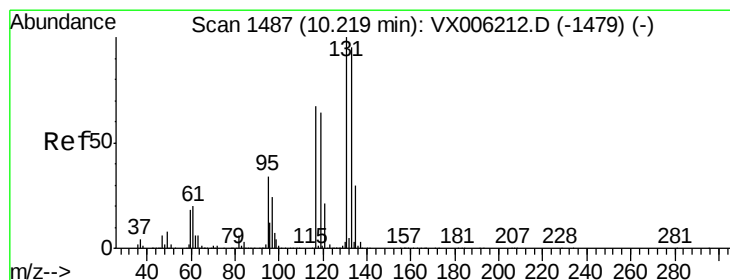
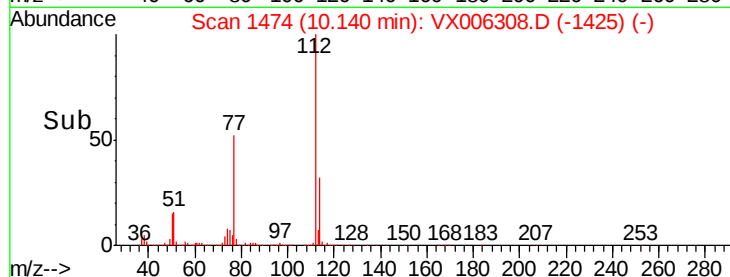
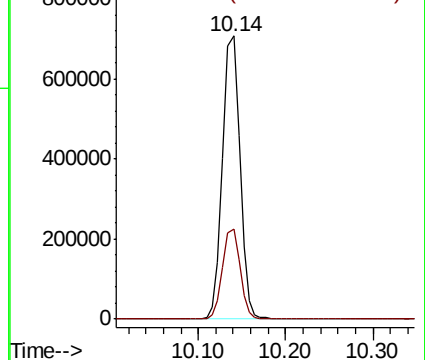
112 100

114 32.0 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 51.077 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

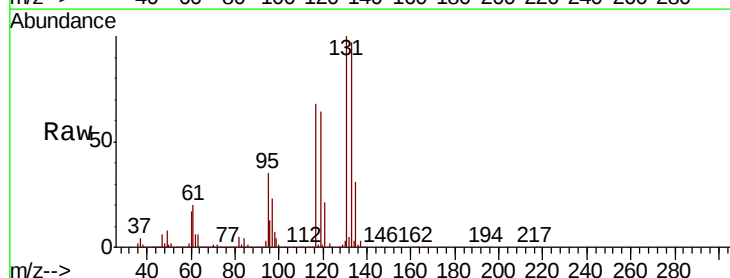
Tgt Ion:131 Resp: 377161

Ion Ratio Lower Upper

131 100

133 95.9 48.1 144.4

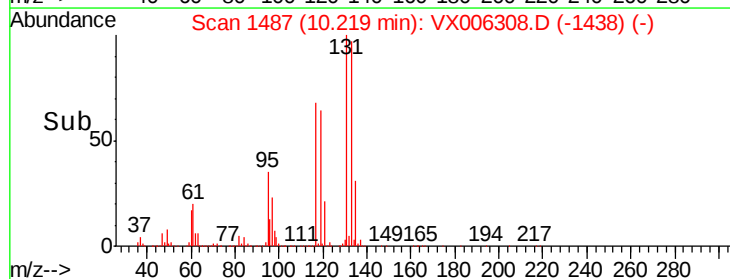
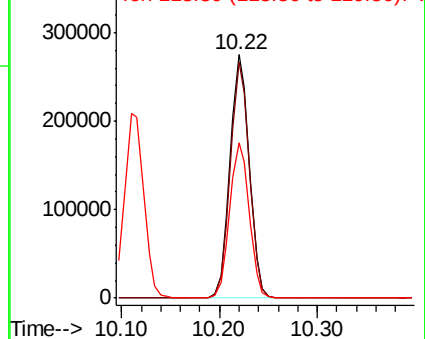
119 64.7 32.1 96.3

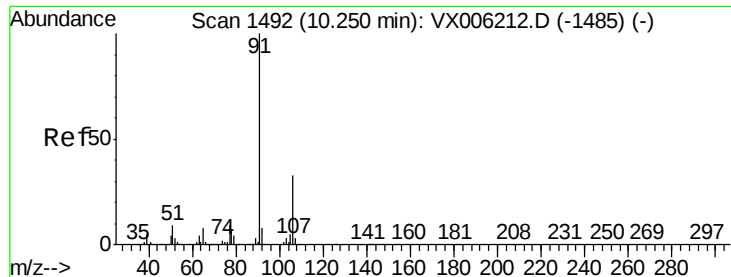


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 51.070 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

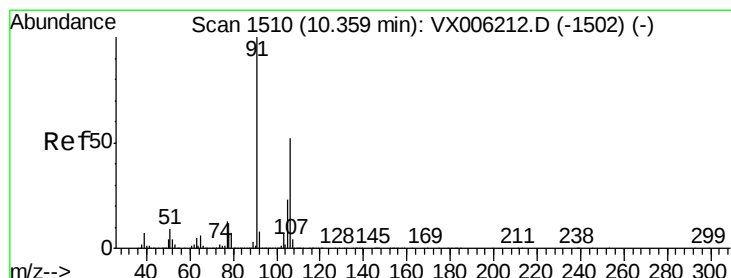
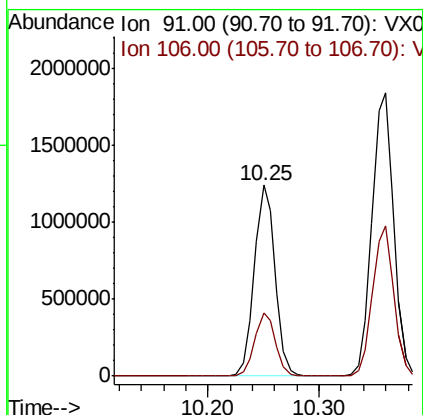
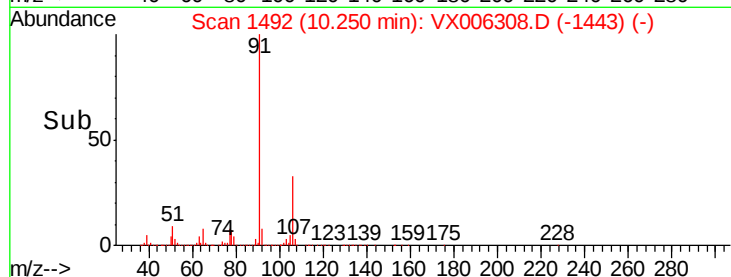
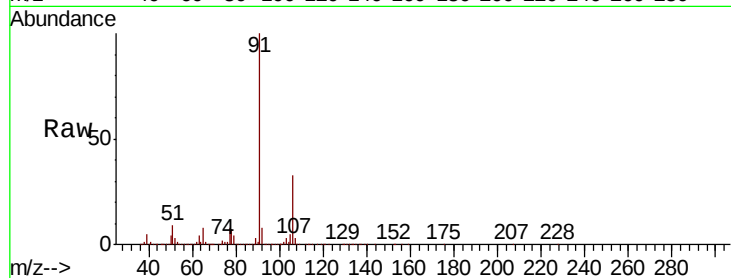
VSTDCCC050

Tot Ion: 91 Resp: 1614271

Ion Ratio Lower Upper

91 100

106 33.1 26.5 39.7



#68

m/p-Xylenes

Concen: 103.125 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. 0.00 min

Lab File: VX006308.D

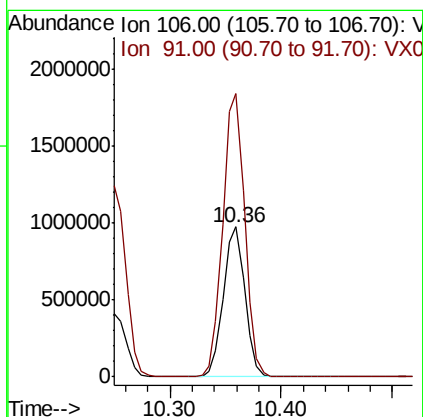
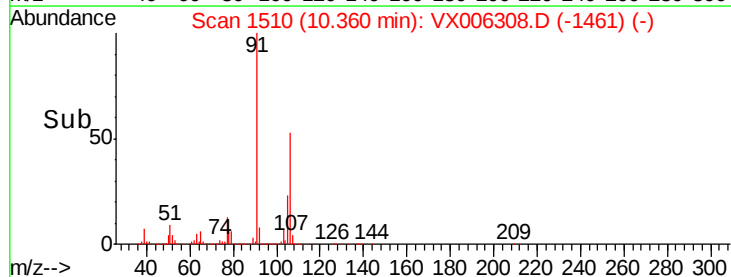
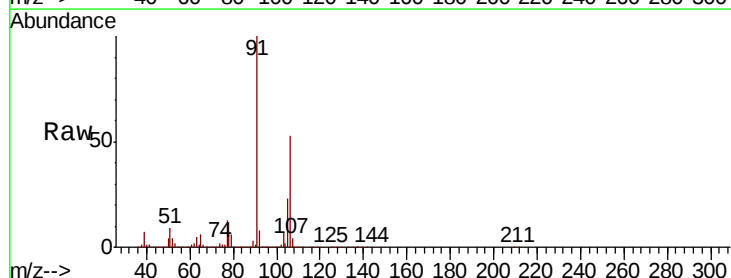
Acq: 06 Dec 2018 10:35

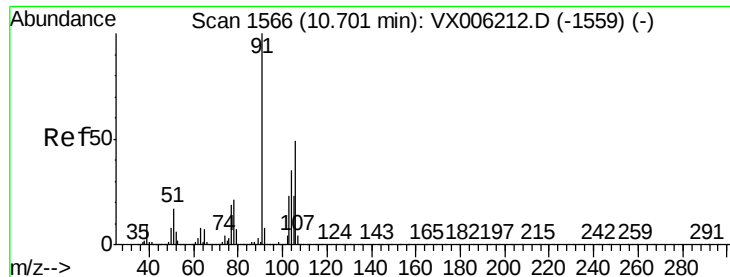
Tgt Ion: 106 Resp: 1305731

Ion Ratio Lower Upper

106 100

91 192.1 155.2 232.8

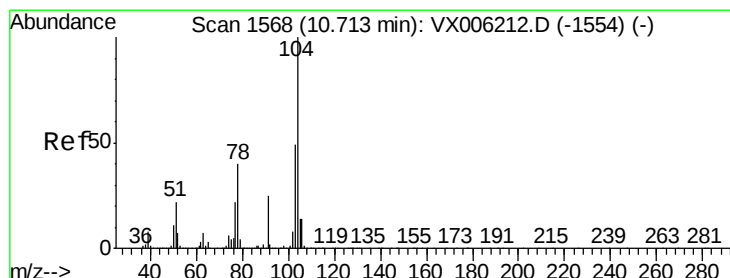
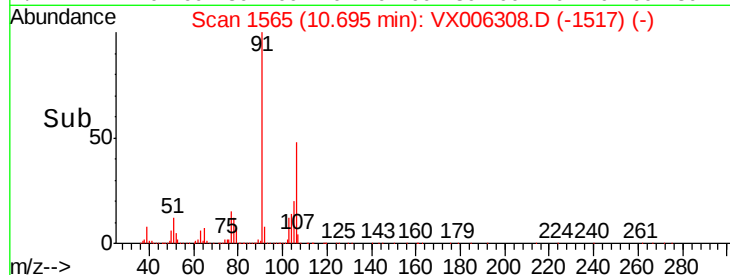
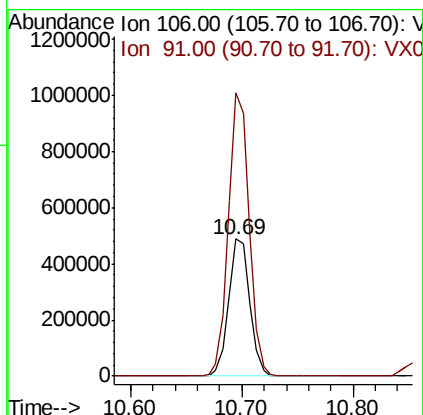
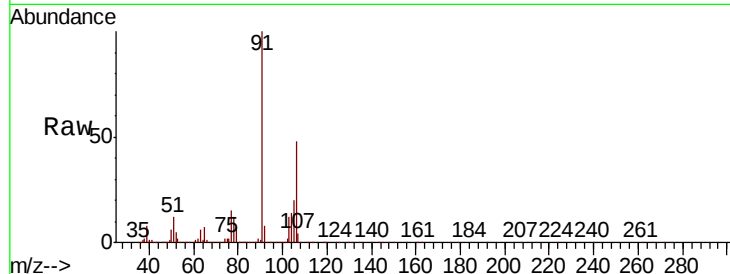




#69
o-Xylene
Concen: 51.026 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

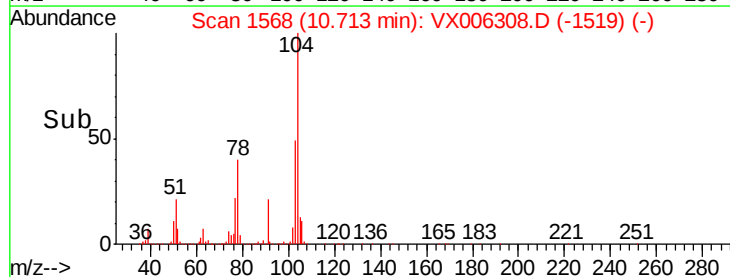
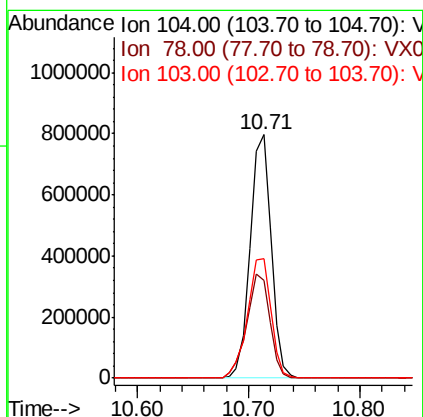
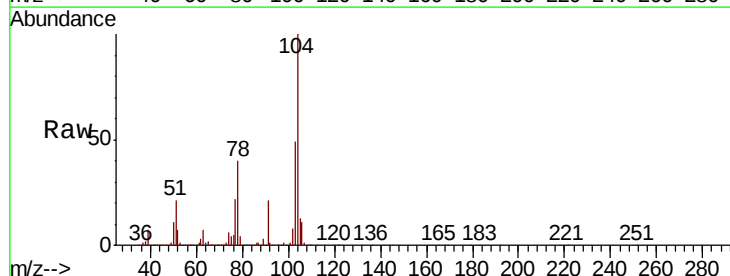
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

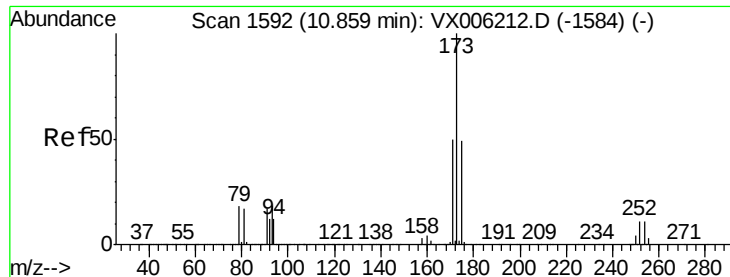
Tot Ion:106 Resp: 638163
Ion Ratio Lower Upper
106 100
91 204.0 101.8 305.6



#70
Styrene
Concen: 51.875 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion:104 Resp: 1049328
Ion Ratio Lower Upper
104 100
78 47.1 37.2 55.8
103 55.1 43.5 65.3





#71

Bromoform

Concen: 48.397 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

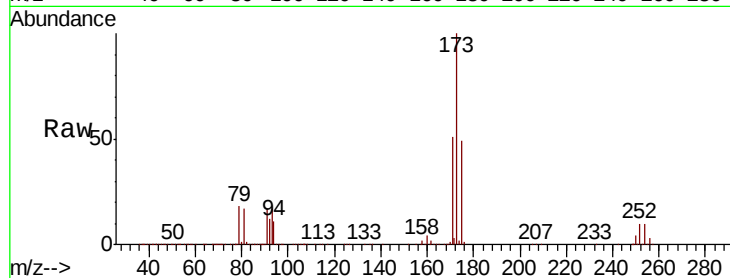
Tot Ion:173 Resp: 337347

Ion Ratio Lower Upper

173 100

175 49.4 24.6 73.8

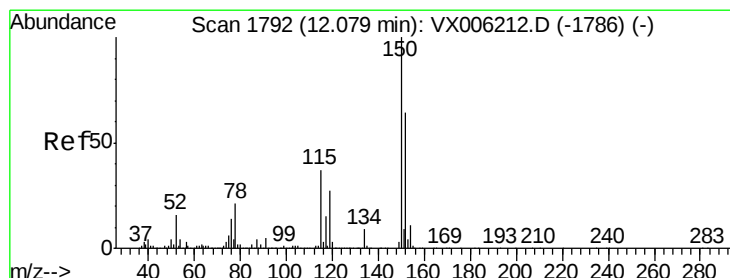
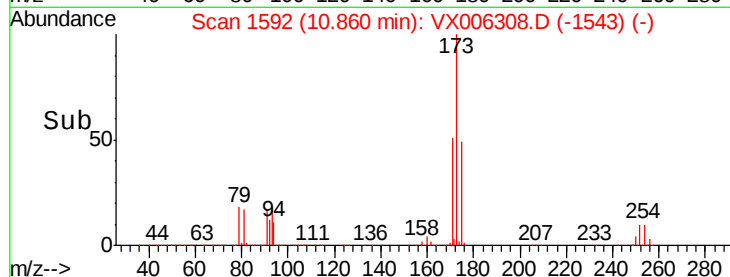
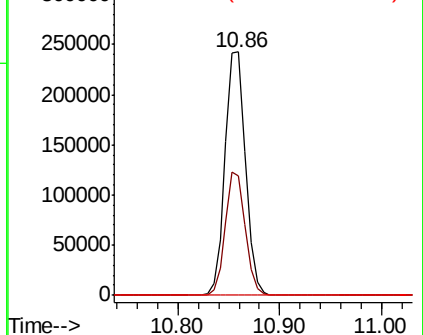
254 0.2 0.2 0.2#



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: VX006308.D

Acq: 06 Dec 2018 10:35

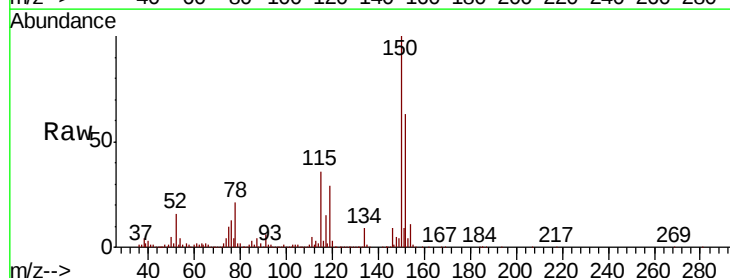
Tgt Ion:152 Resp: 475516

Ion Ratio Lower Upper

152 100

115 80.5 39.0 116.9

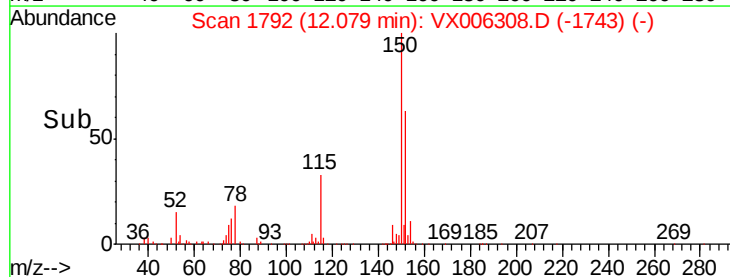
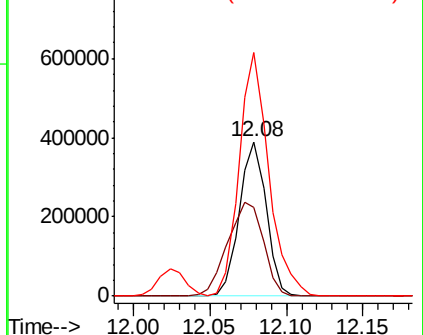
150 174.1 0.0 345.8

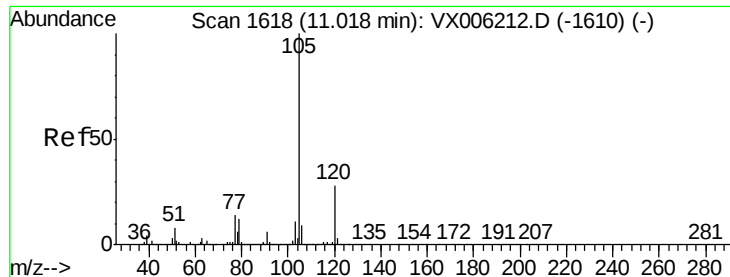


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.955 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

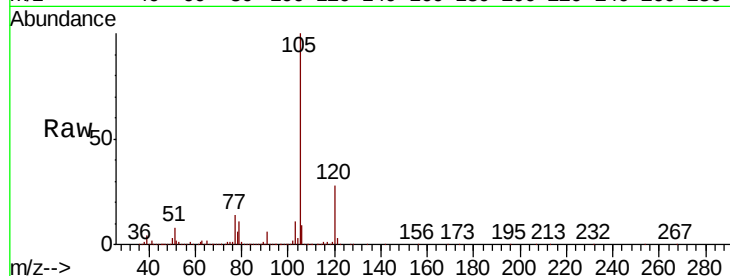
VSTDCCC050

Tot Ion:105 Resp: 1706124

Ion Ratio Lower Upper

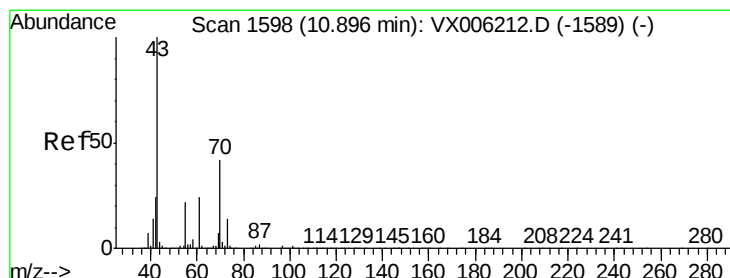
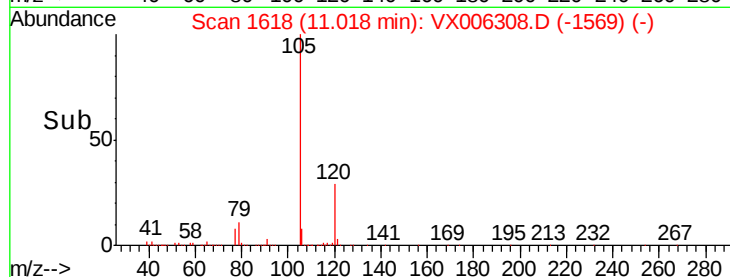
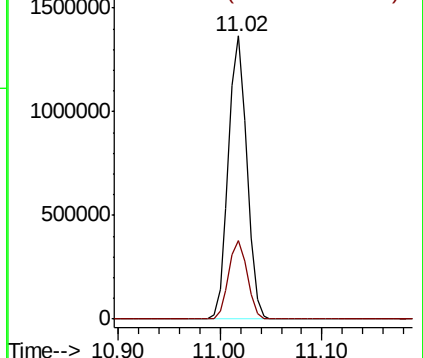
105 100

120 28.2 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: 46.196 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Tgt Ion: 43 Resp: 653254

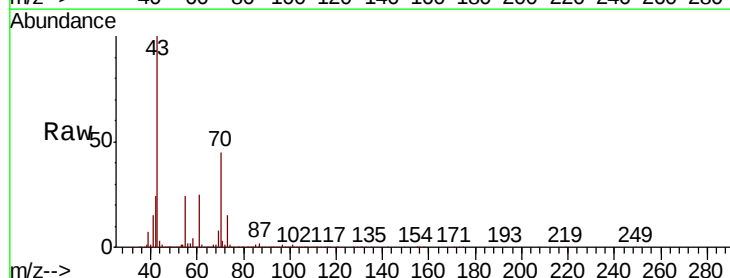
Ion Ratio Lower Upper

43 100

70 44.2 34.1 51.1

55 23.5 17.8 26.8

61 25.2 19.7 29.5

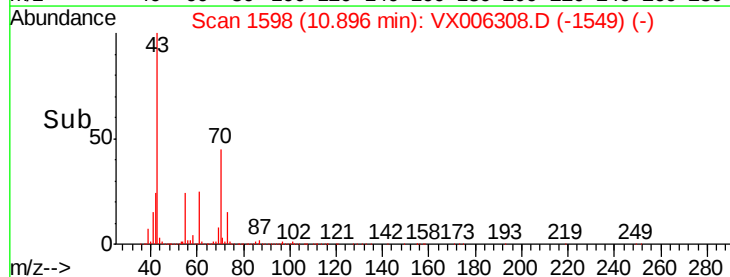
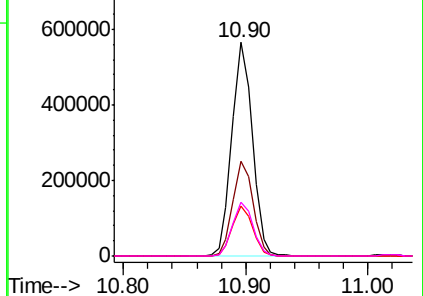


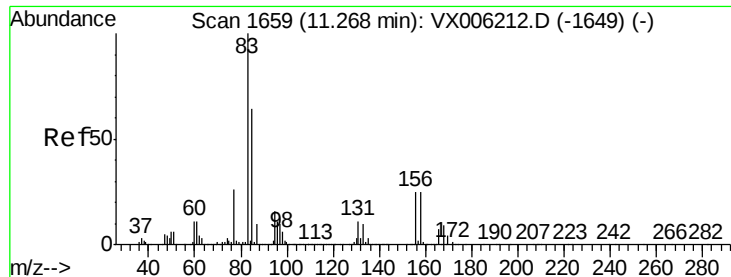
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.482 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

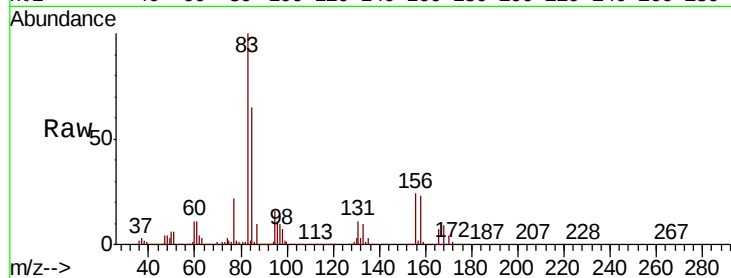
Tot Ion: 83 Resp: 509340

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.1

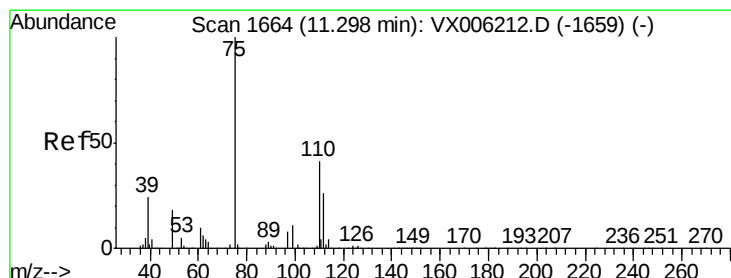
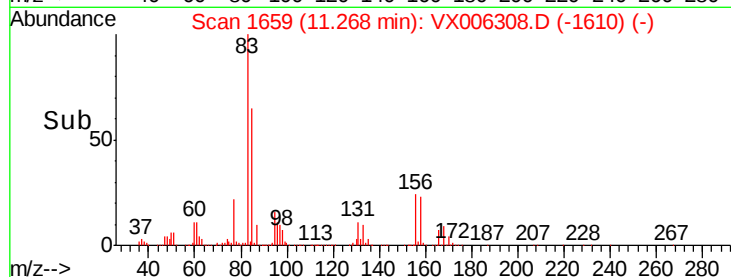
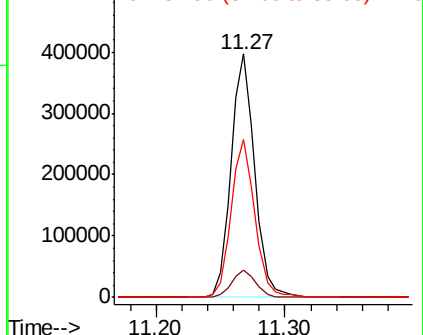
85 65.2 32.1 96.5



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: 66.660 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX006308.D

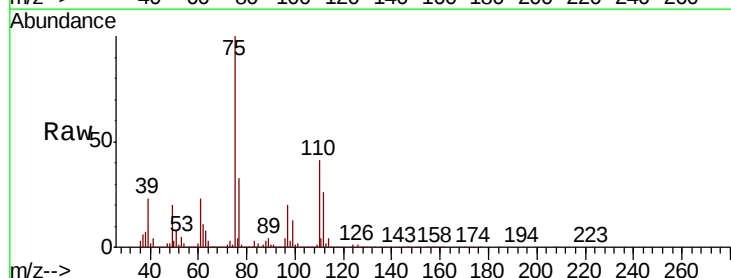
Acq: 06 Dec 2018 10:35

Tgt Ion: 75 Resp: 611824

Ion Ratio Lower Upper

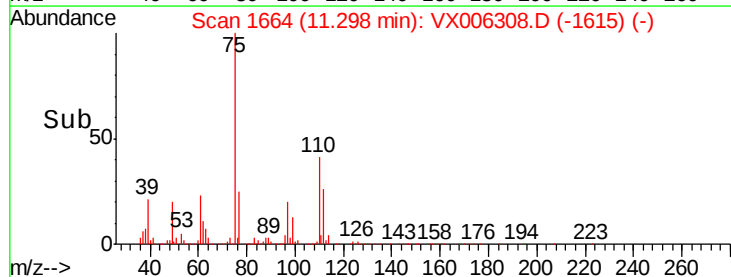
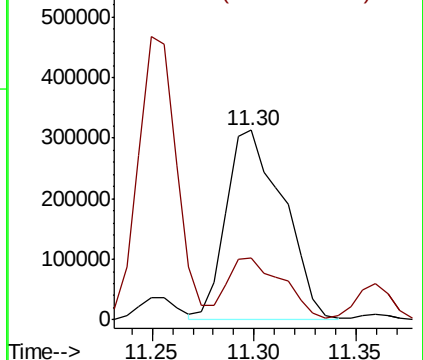
75 100

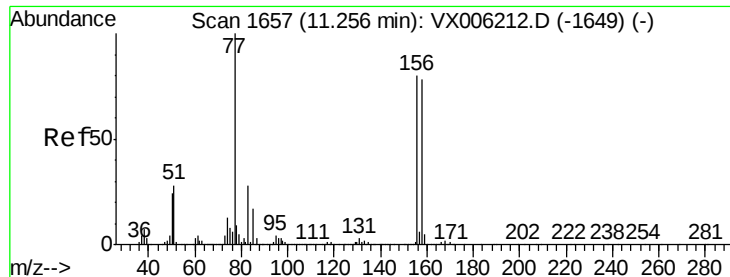
77 32.5 19.9 59.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 51.093 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

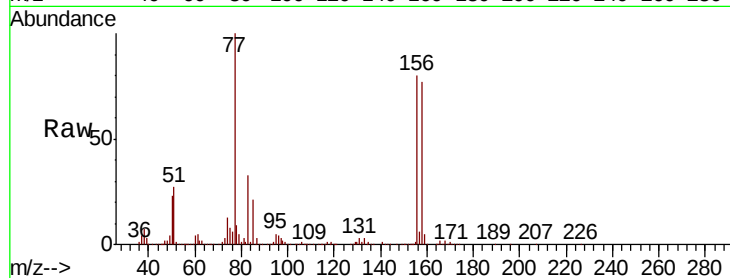
Tot Ion:156 Resp: 465622

Ion Ratio Lower Upper

156 100

77 130.9 66.2 198.6

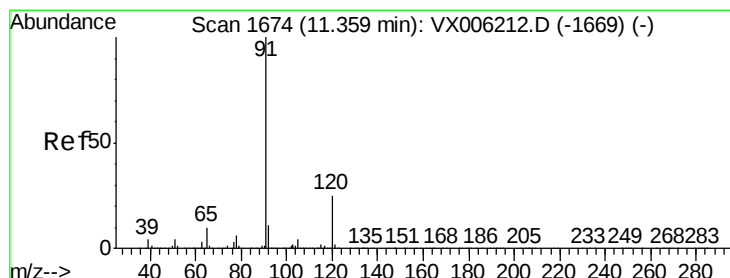
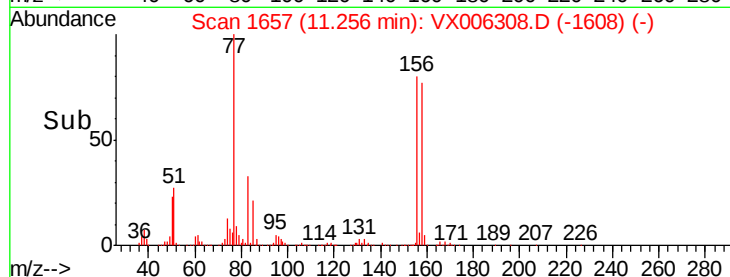
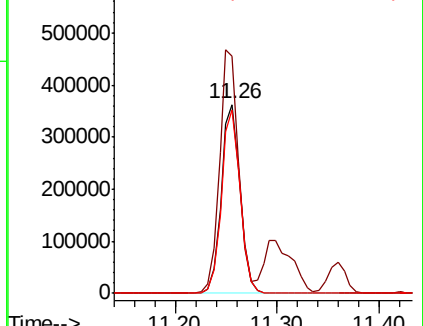
158 96.4 48.8 146.4



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: 52.603 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX006308.D

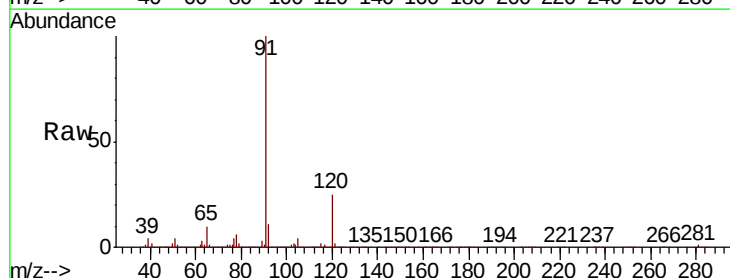
Acq: 06 Dec 2018 10:35

Tgt Ion: 91 Resp: 1920196

Ion Ratio Lower Upper

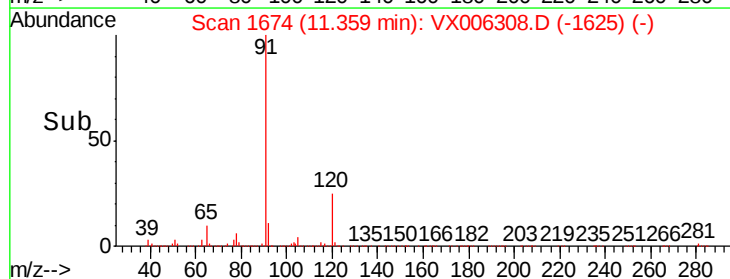
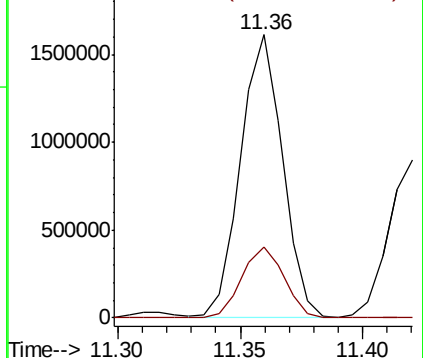
91 100

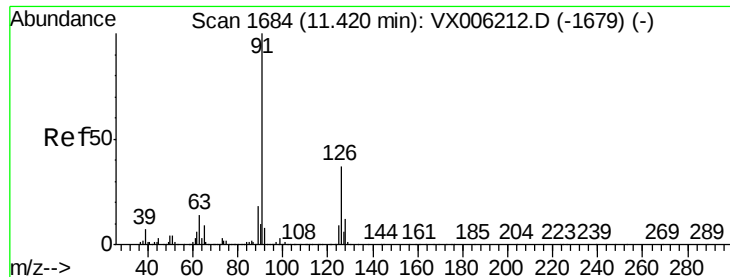
120 25.5 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 51.205 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

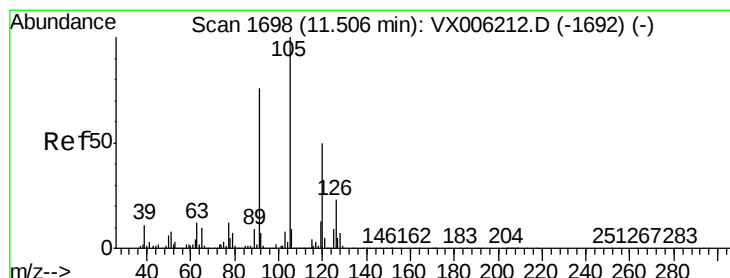
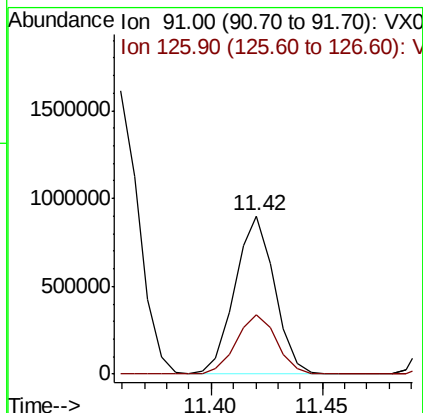
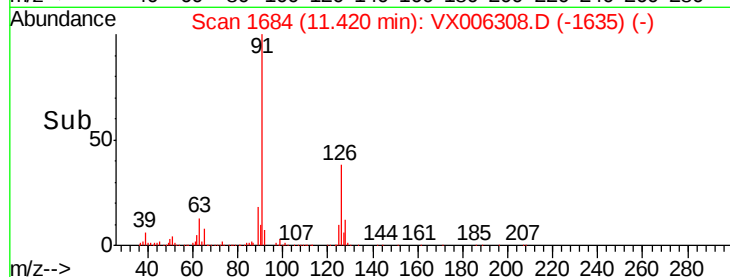
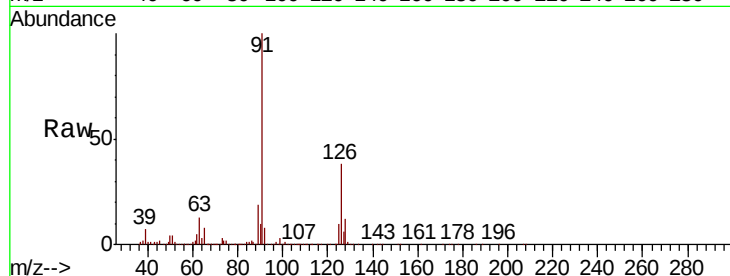
VSTDCCC050

Tot Ion: 91 Resp: 1110942

Ion Ratio Lower Upper

91 100

126 38.3 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 52.039 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX006308.D

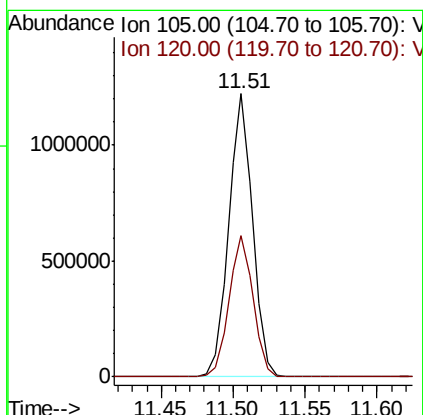
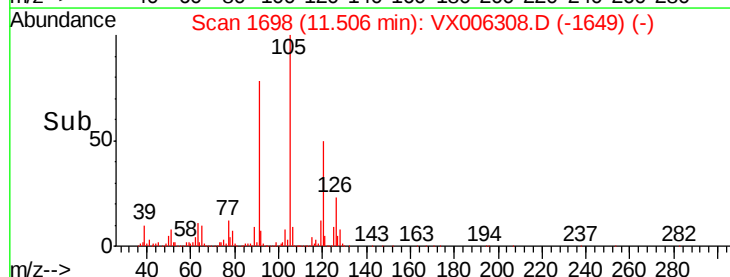
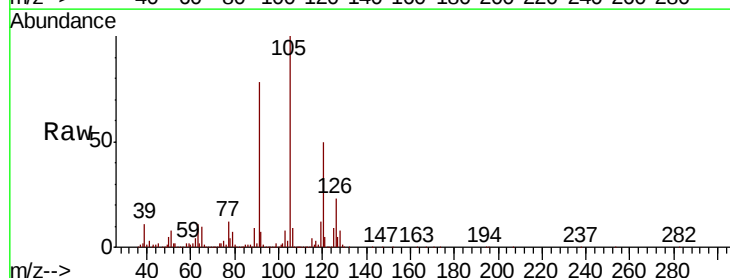
Acq: 06 Dec 2018 10:35

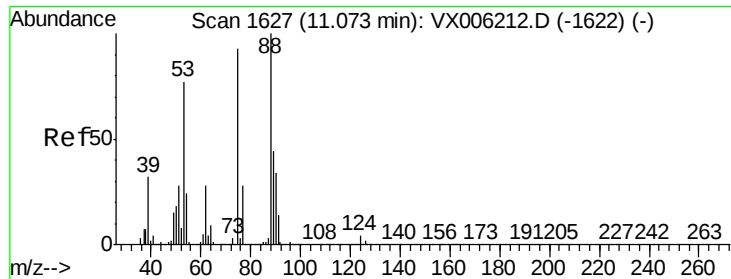
Tgt Ion:105 Resp: 1421845

Ion Ratio Lower Upper

105 100

120 50.7 25.4 76.0

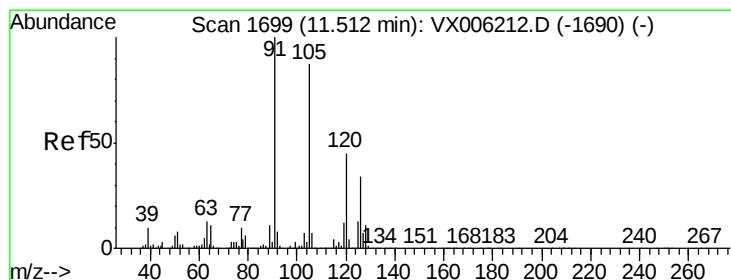
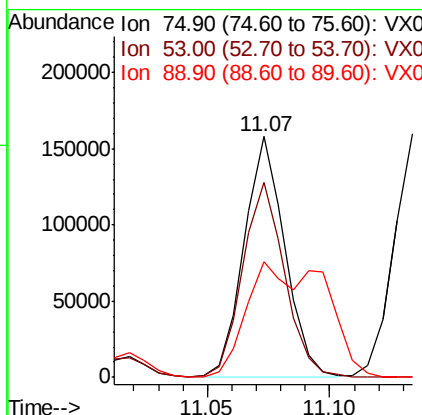
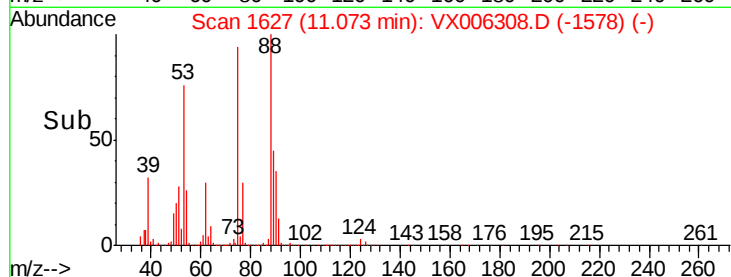
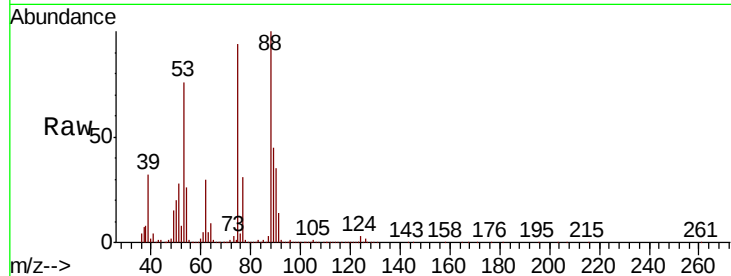




#81
trans-1,4-Dichloro-2-butene
Concen: 46.599 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

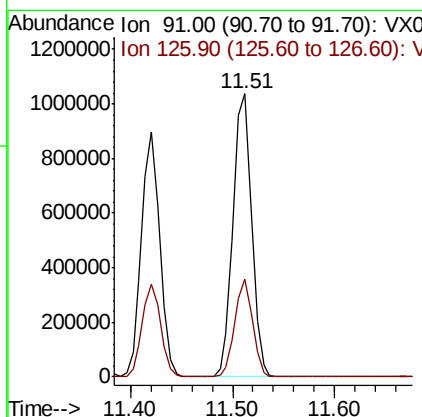
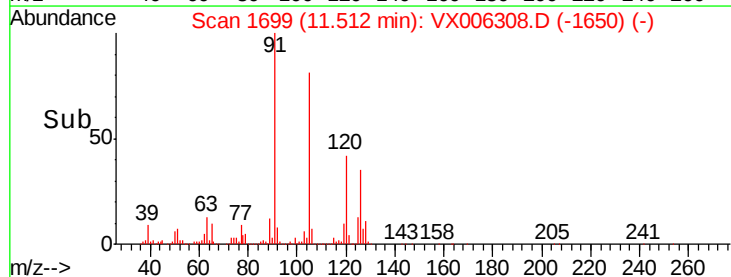
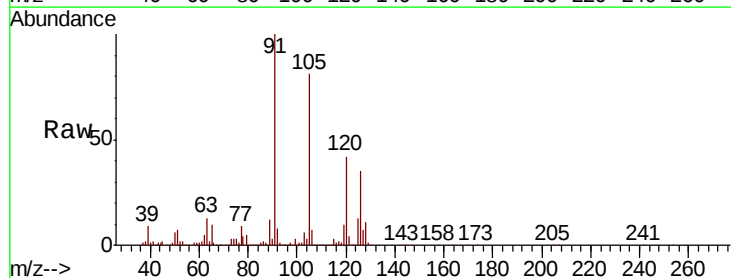
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

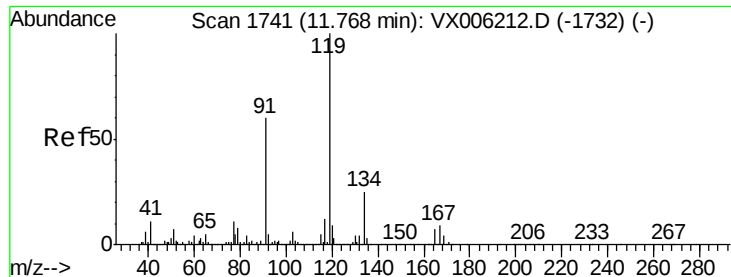
Tot Ion: 75 Resp: 182253
Ion Ratio Lower Upper
75 100
53 83.4 64.4 96.6
89 54.0 44.2 66.4



#82
4-Chlorotoluene
Concen: 51.603 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion: 91 Resp: 1301699
Ion Ratio Lower Upper
91 100
126 32.9 16.4 49.4





#83

tert-Butylbenzene

Concen: 51.553 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampled :

VSTDCCC050

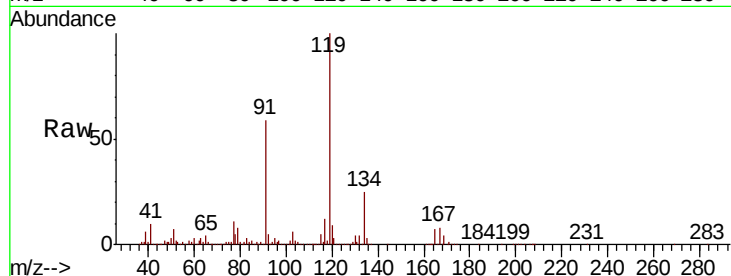
Tot Ion:119 Resp: 1502867

Ion Ratio Lower Upper

119 100

91 53.4 26.4 79.2

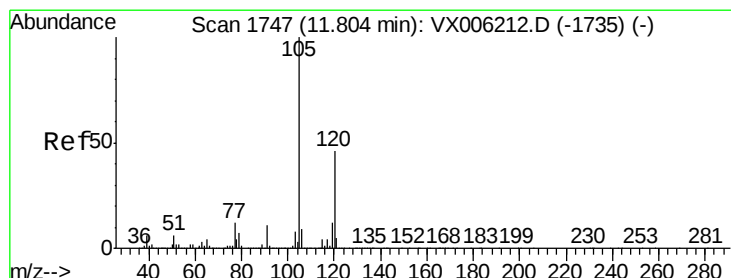
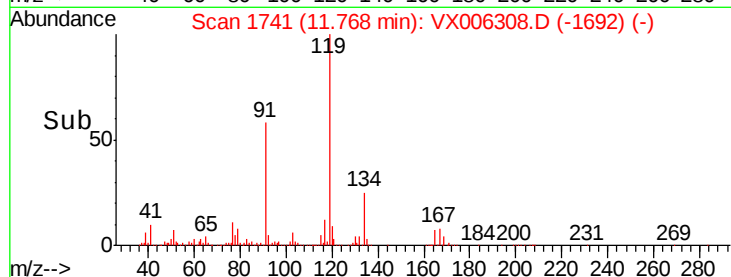
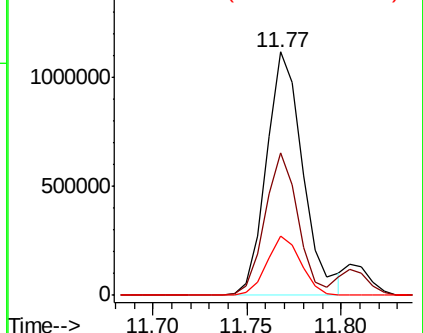
134 23.0 11.6 34.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 51.352 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. 0.00 min

Lab File: VX006308.D

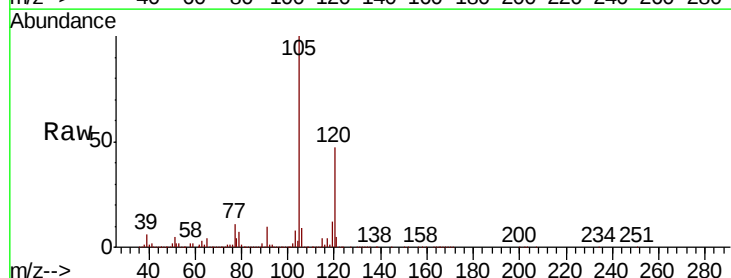
Acq: 06 Dec 2018 10:35

Tgt Ion:105 Resp: 1448805

Ion Ratio Lower Upper

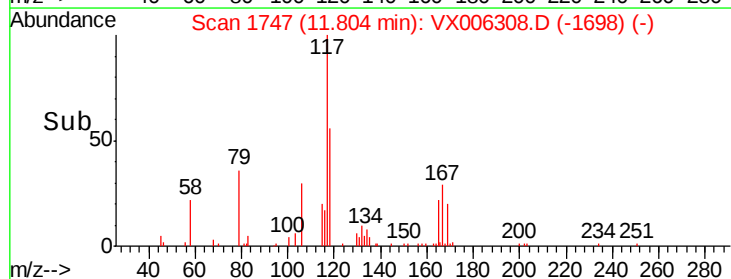
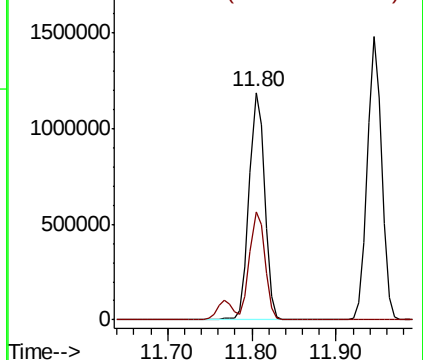
105 100

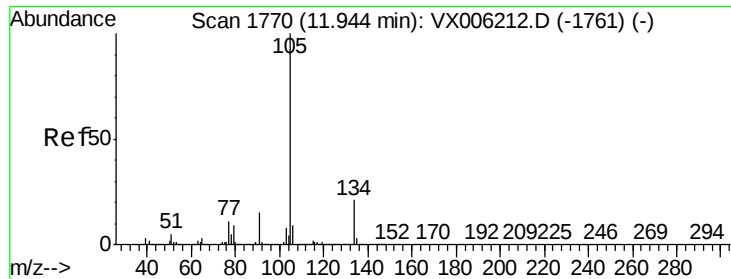
120 46.9 23.4 70.0



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 53.172 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

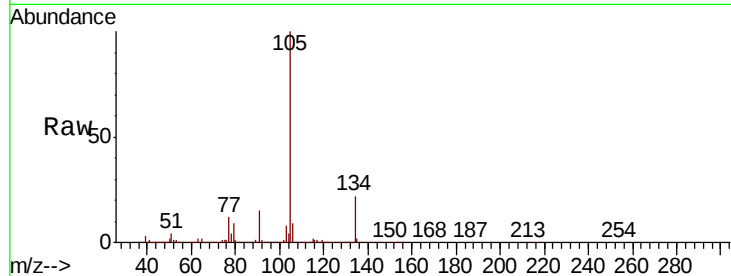
VSTDCCC050

Tot Ion:105 Resp: 1763425

Ion Ratio Lower Upper

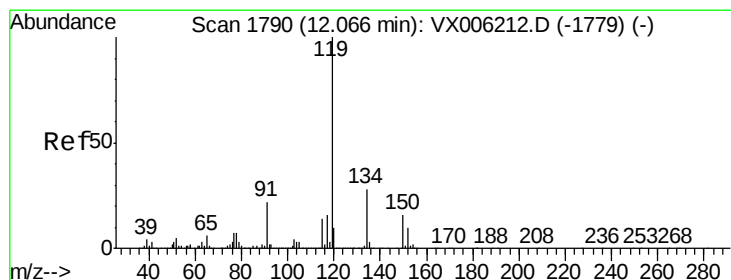
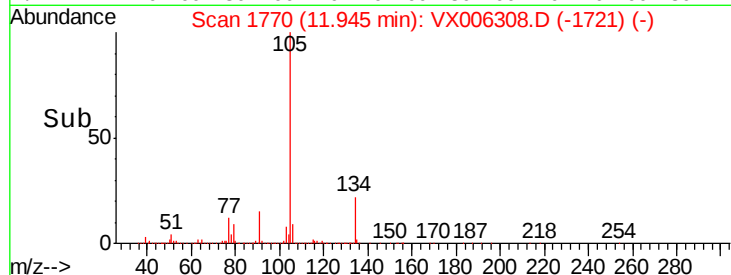
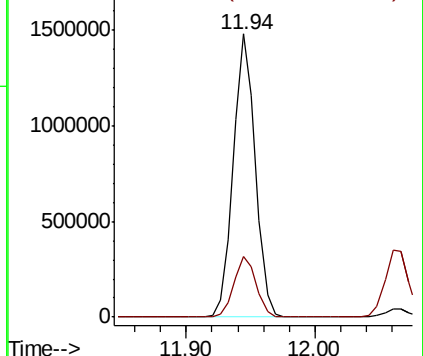
105 100

134 21.9 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: 53.007 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.01 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

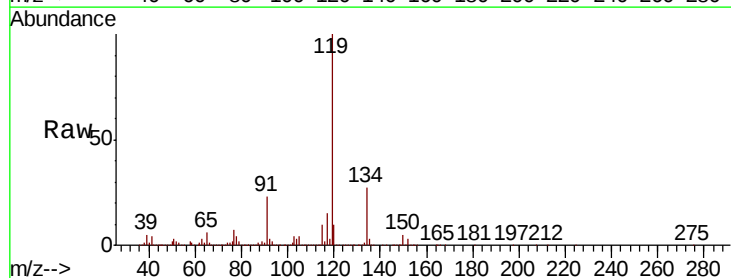
Tgt Ion:119 Resp: 1582992

Ion Ratio Lower Upper

119 100

134 28.0 13.9 41.6

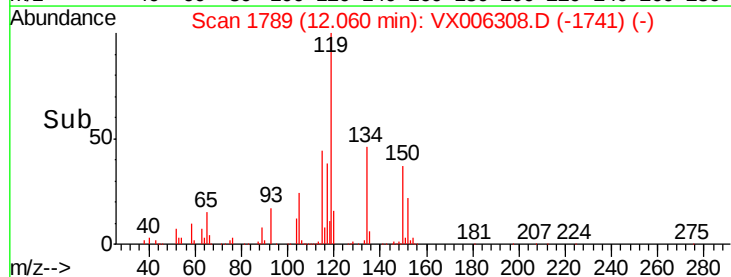
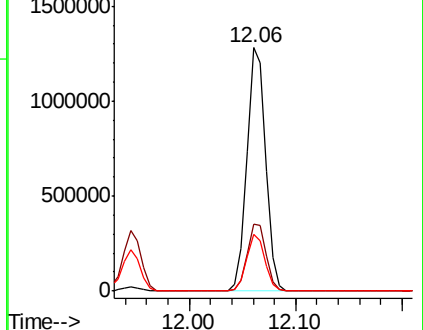
91 22.7 11.3 33.8

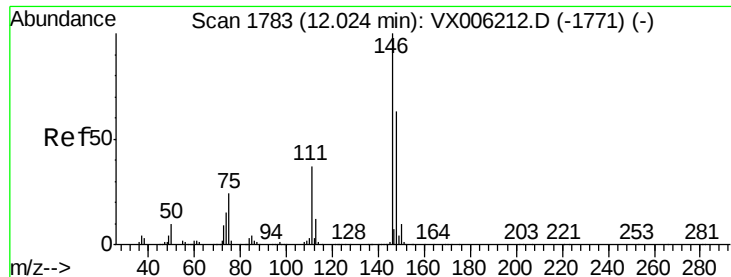


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

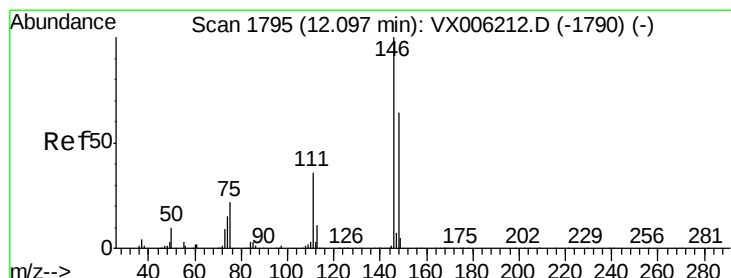
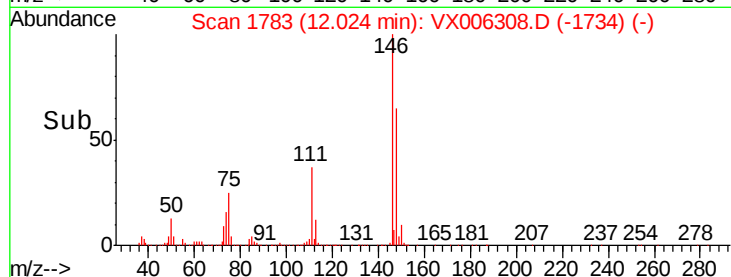
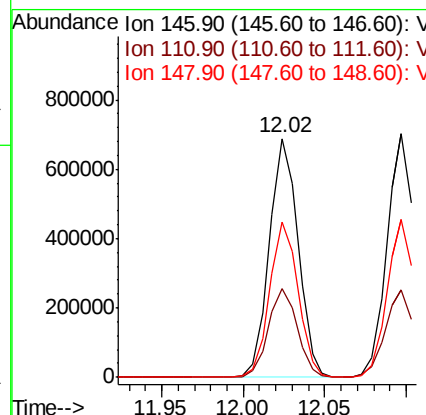
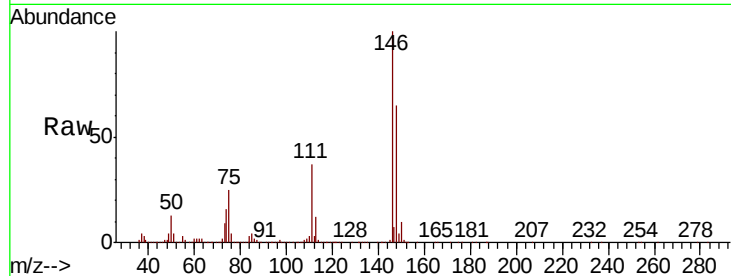




#87
 1,3-Dichlorobenzene
 Concen: 51.736 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. 0.00 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

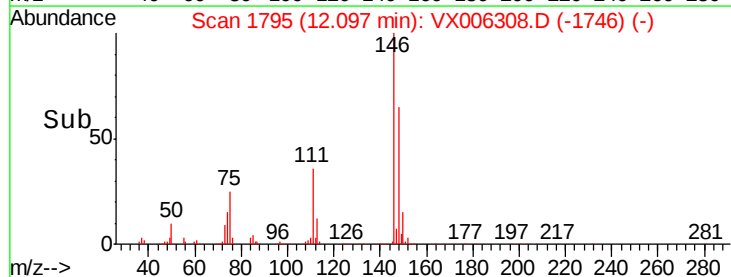
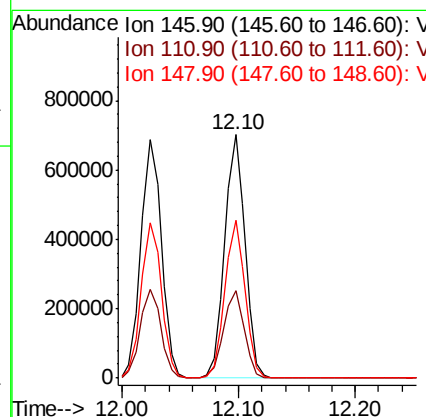
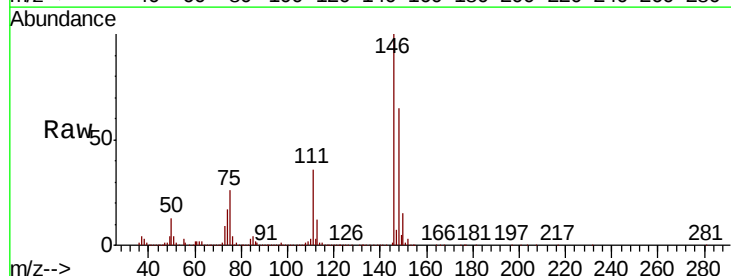
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

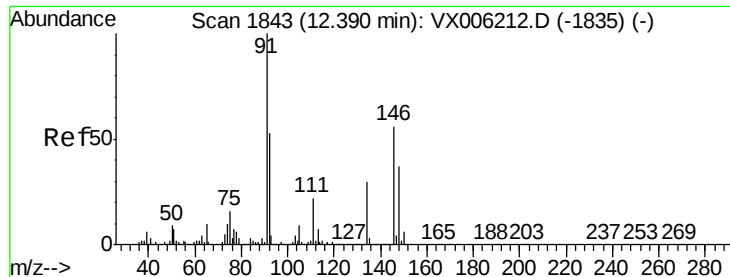
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.3	18.4	55.2
148	64.2	32.0	96.0



#88
 1,4-Dichlorobenzene
 Concen: 51.022 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.3	54.8
148	64.4	31.9	95.9





#89

n-Butylbenzene

Concen: 53.769 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

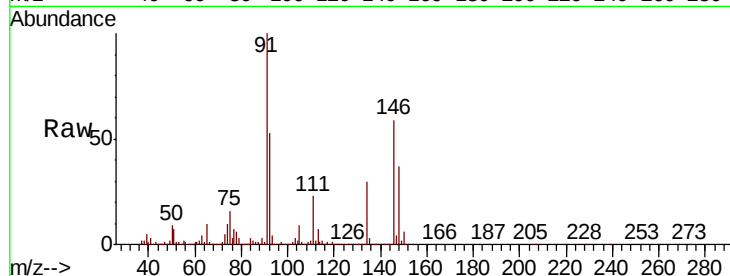
Tot Ion: 91 Resp: 1370101

Ion Ratio Lower Upper

91 100

92 53.4 26.6 79.8

134 29.1 14.8 44.3



Abundance Ion 91.00 (90.70 to 91.70): VX006308.D (-1794) (-)

Ion 92.00 (91.70 to 92.70): VX006308.D (-1794) (-)

Ion 134.00 (133.70 to 134.70): VX006308.D (-1794) (-)

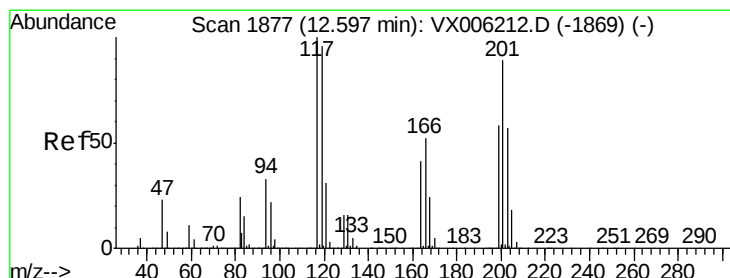
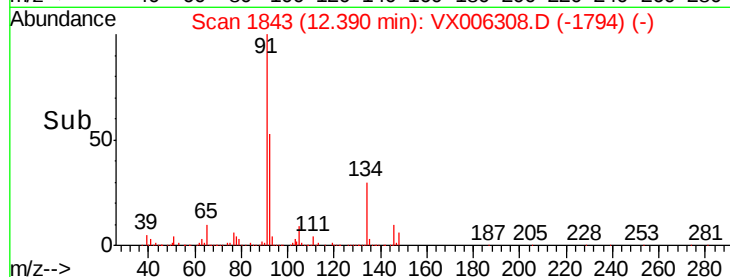
12.39

1000000

500000

0

Time-->



#90

Hexachloroethane

Concen: 50.187 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX006308.D

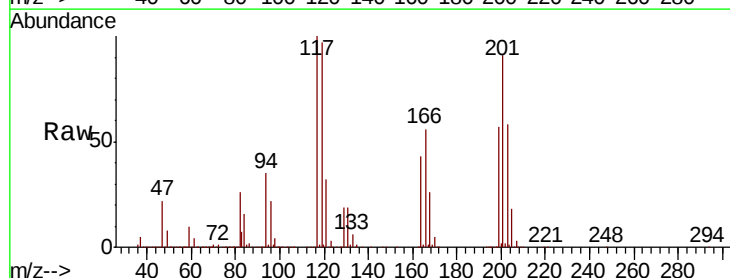
Acq: 06 Dec 2018 10:35

Tgt Ion: 117 Resp: 305463

Ion Ratio Lower Upper

117 100

201 88.5 44.7 134.1



Abundance Ion 116.80 (116.50 to 117.50): VX006308.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX006308.D (-1828) (-)

12.60

250000

200000

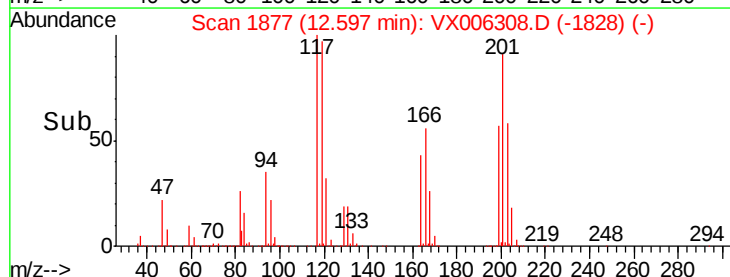
150000

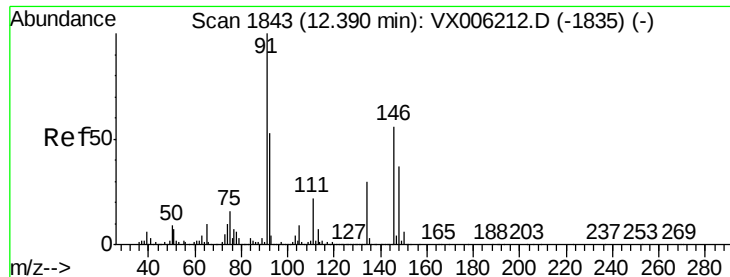
100000

50000

0

Time-->





#91

1,2-Dichlorobenzene

Concen: 50.420 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

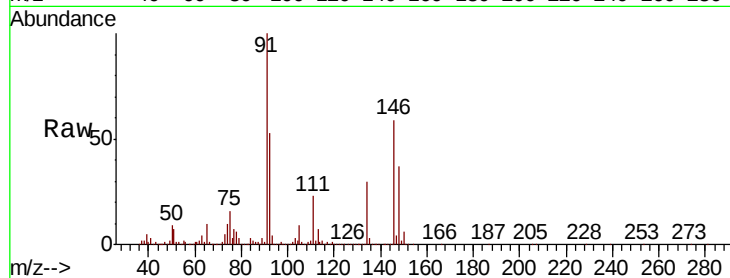
Tot Ion:146 Resp: 811446

Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.3

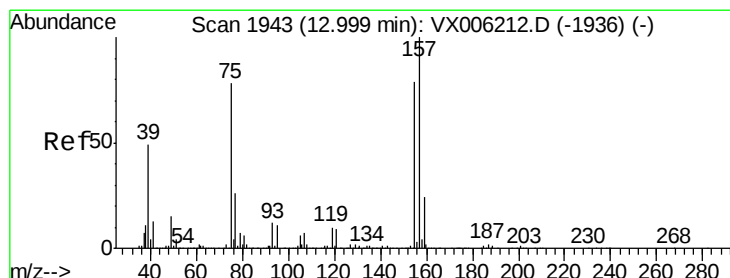
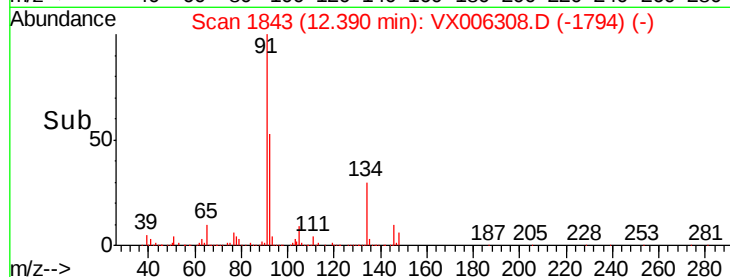
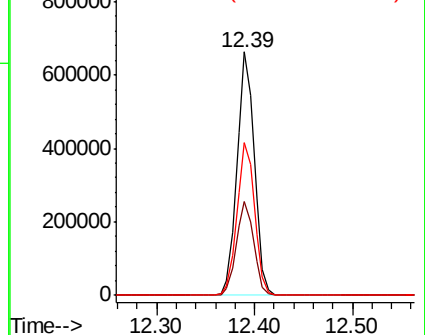
148 64.0 32.1 96.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 45.158 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX006308.D

Acq: 06 Dec 2018 10:35

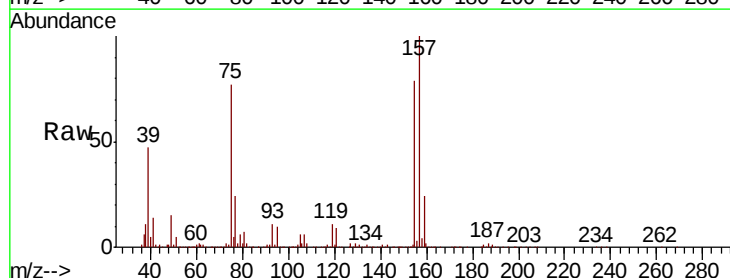
Tgt Ion: 75 Resp: 121613

Ion Ratio Lower Upper

75 100

155 104.8 53.4 160.3

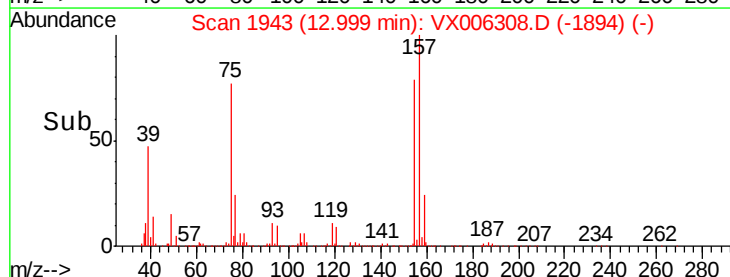
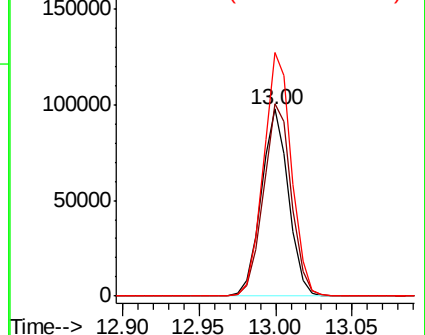
157 133.0 68.0 203.8

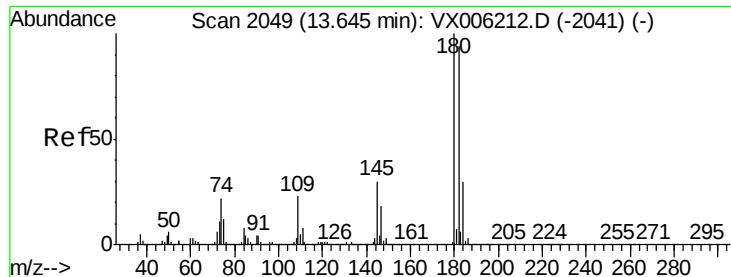


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

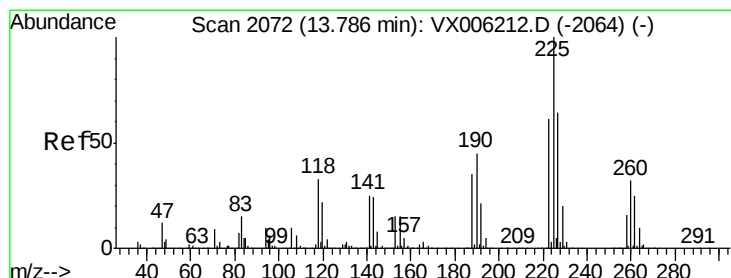
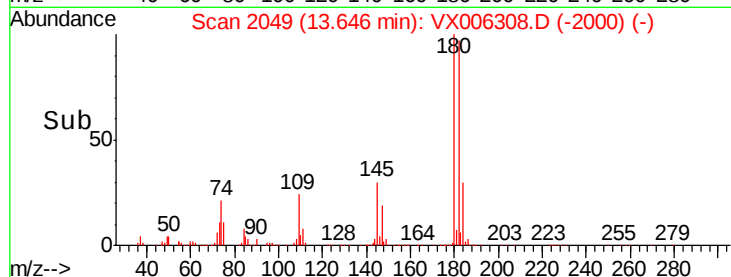
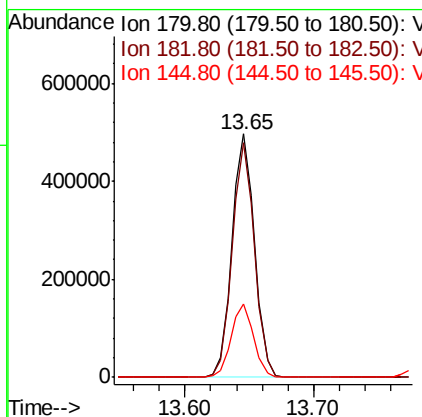
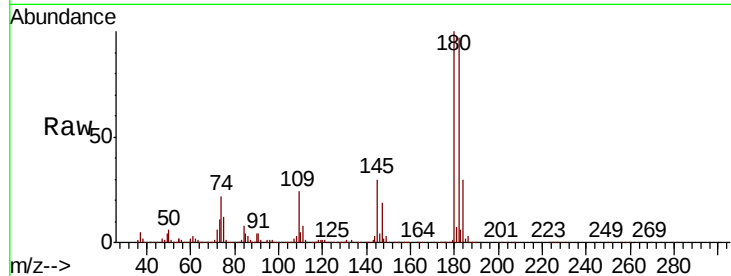




#93
 1,2,4-Trichlorobenzene
 Concen: 51.690 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

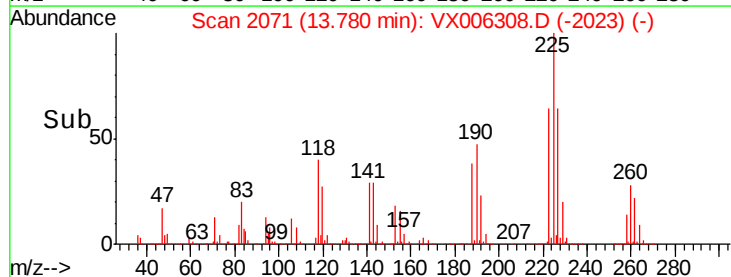
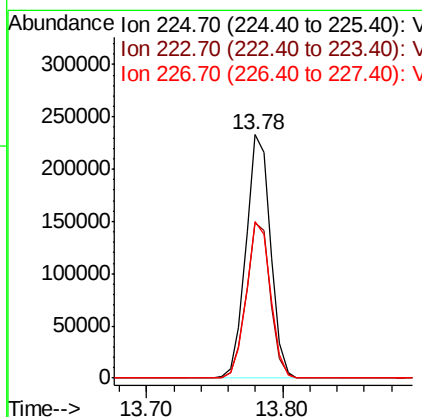
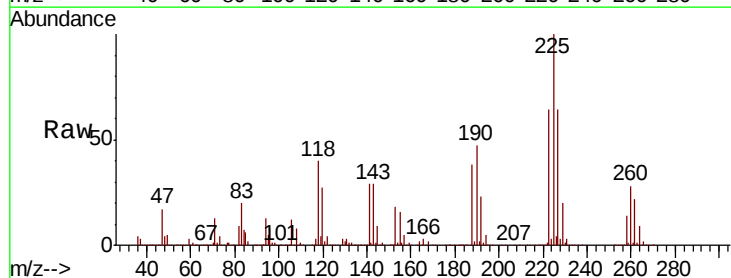
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

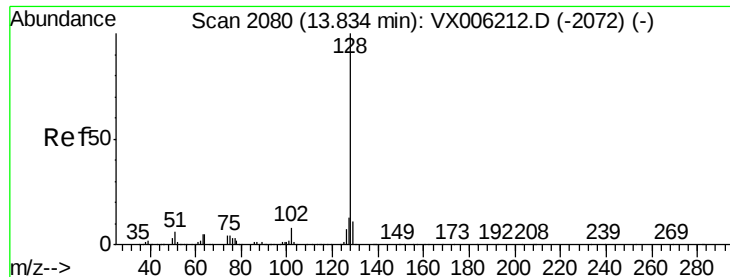
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.2	47.3	141.9
145	30.0	14.6	43.8



#94
 Hexachlorobutadiene
 Concen: 56.360 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX006308.D
 Acq: 06 Dec 2018 10:35

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.2	93.6
227	63.5	31.9	95.5

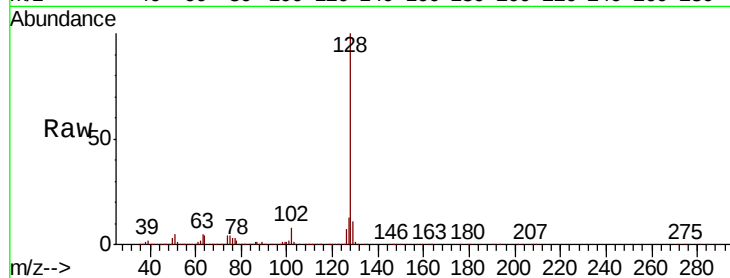




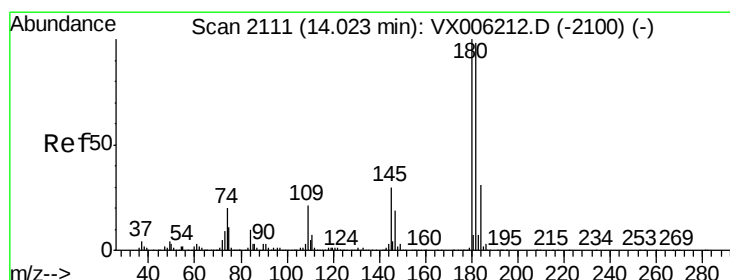
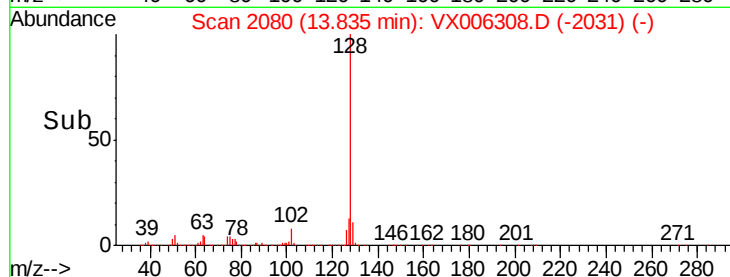
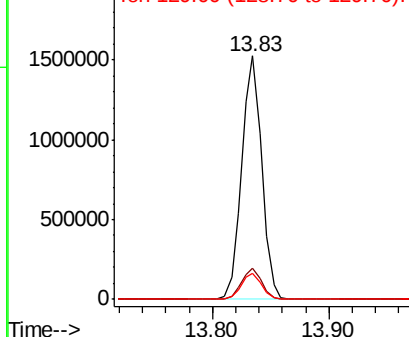
#95
Naphthalene
Concen: 50.185 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. 0.00 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:128 Resp: 1832909
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.9 13.3

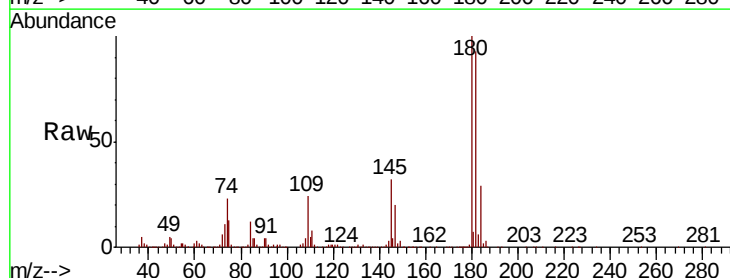


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 52.061 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.01 min
Lab File: VX006308.D
Acq: 06 Dec 2018 10:35

Tgt Ion:180 Resp: 605436
Ion Ratio Lower Upper
180 100
182 95.0 48.4 145.2
145 31.4 15.6 46.8



Abundance Ion 179.80 (179.50 to 180.50): V
Ion 181.80 (181.50 to 182.50): V
Ion 144.90 (144.60 to 145.60): V

