

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX120318\
 Data File : VX006266.D
 Acq On : 03 Dec 2018 20:57
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Dec 04 05:00:39 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	733704	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1095262	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	961896	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	482180	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	367771	49.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.20%	
35) Dibromofluoromethane	5.50	113	356101	50.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.44%	
50) Toluene-d8	8.71	98	1263902	49.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.00%	
62) 4-Bromofluorobenzene	11.14	95	454632	46.77	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.54%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	366210	50.976	ug/l	99
3) Chloromethane	1.33	50	333325	45.151	ug/l	97
4) Vinyl Chloride	1.41	62	377399	47.499	ug/l	100
5) Bromomethane	1.64	94	277796	50.449	ug/l	98
6) Chloroethane	1.72	64	234623	48.161	ug/l	100
7) Trichlorofluoromethane	1.93	101	593367	48.651	ug/l	100
8) Diethyl Ether	2.19	74	221957	48.085	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	337112	48.609	ug/l	99
10) Methyl Iodide	2.51	142	515114	49.286	ug/l	99
11) Tert butyl alcohol	3.07	59	464854	226.943	ug/l	100
12) 1,1-Dichloroethene	2.37	96	317944	47.890	ug/l	96
13) Acrolein	2.30	56	251501	224.646	ug/l	99
14) Allyl chloride	2.73	41	600433	45.783	ug/l	99
15) Acrylonitrile	3.15	53	1005021	235.127	ug/l	100
16) Acetone	2.45	43	831731	236.625	ug/l	98
17) Carbon Disulfide	2.57	76	923564	45.145	ug/l	98
18) Methyl Acetate	2.78	43	575451	48.955	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	1134934	47.920	ug/l	98
20) Methylene Chloride	2.86	84	349208	46.681	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	337384	47.687	ug/l	96
22) Diisopropyl ether	3.87	45	1013453	49.474	ug/l	99
23) Vinyl Acetate	3.82	43	4264888	244.104	ug/l	99
24) 1,1-Dichloroethane	3.70	63	570237	48.703	ug/l	99
25) 2-Butanone	4.70	43	1206214	240.503	ug/l	98
26) 2,2-Dichloropropane	4.59	77	481369	44.548	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	392266	49.706	ug/l	99
28) Bromochloromethane	5.02	49	254983	49.858	ug/l	99
29) Tetrahydrofuran	5.15	42	832790	238.918	ug/l	100
30) Chloroform	5.22	83	610274	49.599	ug/l	97
31) Cyclohexane	5.57	56	520310	48.086	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	577733	49.349	ug/l	100
36) 1,1-Dichloropropene	5.80	75	454187	49.244	ug/l	99
37) Ethyl Acetate	4.85	43	482002	46.666	ug/l	99
38) Carbon Tetrachloride	5.79	117	533130	49.135	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	581029	48.532	ug/l	99
40) Benzene	6.14	78	1361130	49.273	ug/l	98
41) Methacrylonitrile	5.06	41	267540	47.073	ug/l	99
42) 1,2-Dichloroethane	6.20	62	448258	49.581	ug/l	100
43) Isopropyl Acetate	6.46	43	805153	46.754	ug/l	99
44) Trichloroethene	7.21	130	409032	48.877	ug/l	96
45) 1,2-Dichloropropane	7.52	63	341131	48.588	ug/l	97
46) Dibromomethane	7.66	93	250344	49.372	ug/l	98
47) Bromodichloromethane	7.90	83	488337	49.732	ug/l	99
48) Methyl methacrylate	7.77	41	394507	47.089	ug/l	97
49) 1,4-Dioxane	7.75	88	194685	942.853	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	2337327	233.146	ug/l	99
52) Toluene	8.79	92	875223	48.158	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	543128	47.296	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	569674	47.773	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	367381	49.758	ug/l	98
56) Ethyl methacrylate	9.18	69	542240	46.978	ug/l	99
57) 1,3-Dichloropropane	9.37	76	576986	49.420	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1399953	239.012	ug/l	100
59) 2-Hexanone	9.49	43	1740388	227.227	ug/l	99
60) Dibromochloromethane	9.59	129	438619	48.177	ug/l	100
61) 1,2-Dibromoethane	9.67	107	397847	48.191	ug/l	100
64) Tetrachloroethene	9.34	164	366852	50.643	ug/l	99
65) Chlorobenzene	10.14	112	1010822	49.504	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	398688	50.254	ug/l	99
67) Ethyl Benzene	10.25	91	1659980	48.879	ug/l	99
68) m/p-Xylenes	10.36	106	1313167	96.530	ug/l	99
69) o-Xylene	10.70	106	648663	48.274	ug/l	99
70) Styrene	10.71	104	1045009	48.084	ug/l	99
71) Bromoform	10.86	173	353090	47.147	ug/l	# 98
73) Isopropylbenzene	11.02	105	1702014	51.113	ug/l	100
74) N-amyl acetate	10.90	43	682428	47.592	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	526788	49.450	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	620892	66.713	ug/l	87
77) Bromobenzene	11.26	156	458220	49.586	ug/l	99
78) n-propylbenzene	11.36	91	1877368	50.719	ug/l	100
79) 2-Chlorotoluene	11.42	91	1098136	49.915	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1380201	49.817	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	184195	46.445	ug/l	94
82) 4-Chlorotoluene	11.51	91	1265381	49.470	ug/l	100
83) tert-Butylbenzene	11.77	119	1464876	49.555	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1427843	49.910	ug/l	100
85) sec-Butylbenzene	11.94	105	1697769	50.485	ug/l	99
86) p-Isopropyltoluene	12.07	119	1513673	49.986	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	811961	49.380	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	814019	48.775	ug/l	100
89) n-Butylbenzene	12.39	91	1272088	49.233	ug/l	100
90) Hexachloroethane	12.60	117	305210	49.452	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	799066	48.965	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	129307	47.351	ug/l	96

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QLast Update : Fri Nov 30 03:55:33 2018
Response via : Initial Calibration

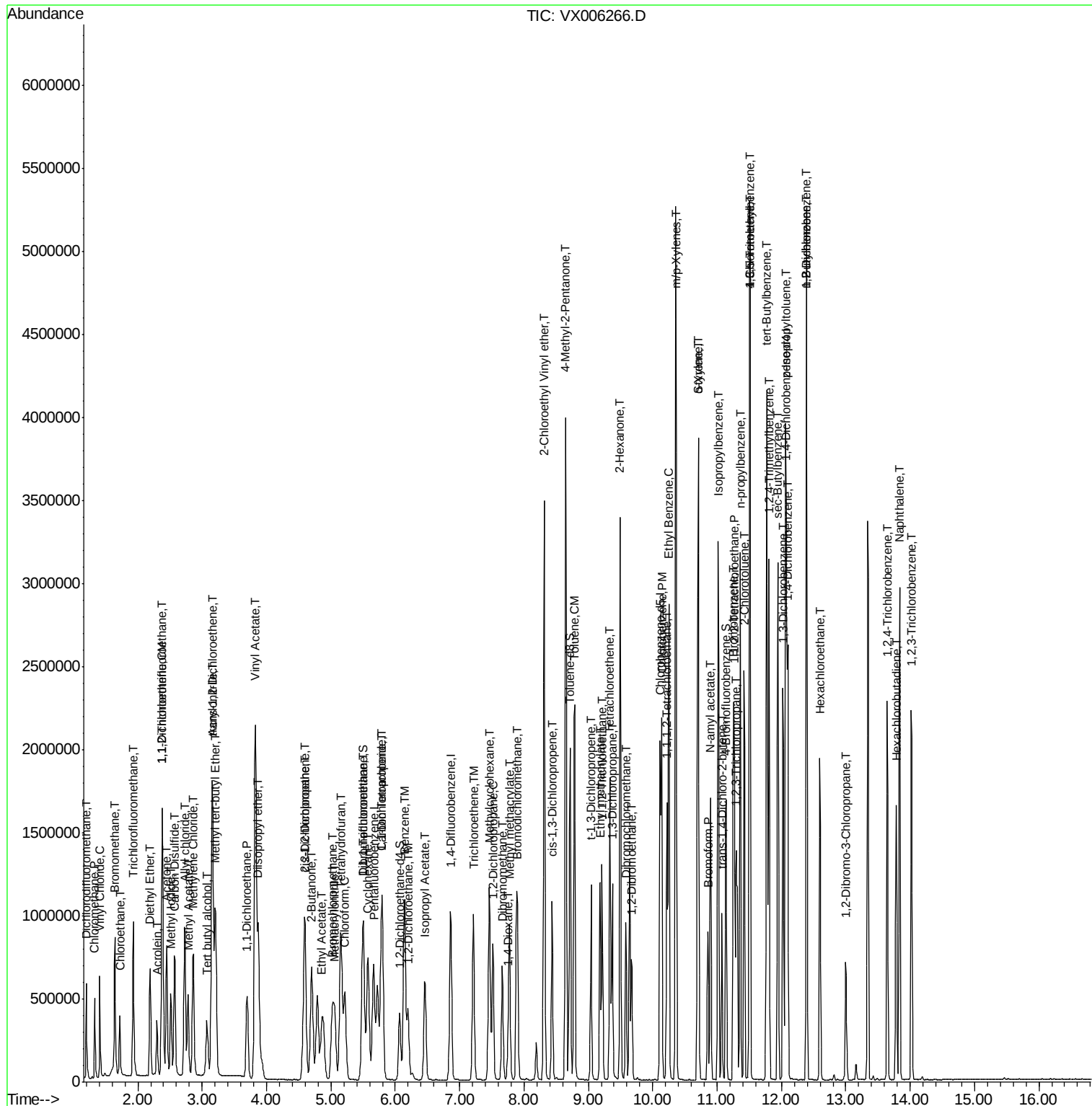
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	572319	48.071	ug/l	99
94) Hexachlorobutadiene	13.79	225	258334	49.064	ug/l	100
95) Naphthalene	13.83	128	1844923	49.816	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	577180	48.945	ug/l	99

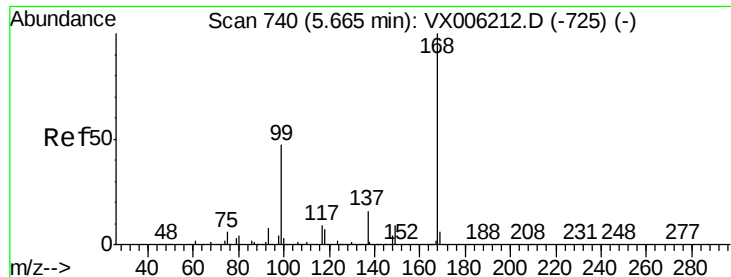
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

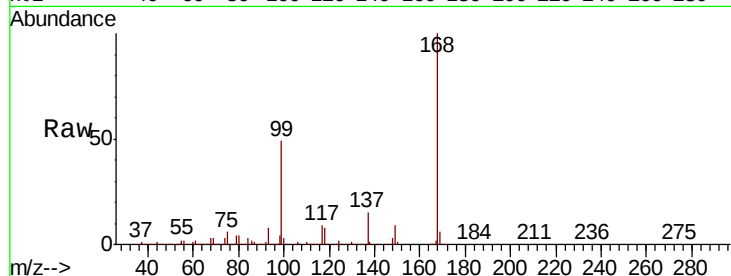
VSTDCCC050EC

Tot Ion:168 Resp: 733704

Ion Ratio Lower Upper

168 100

99 49.3 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

250000

200000

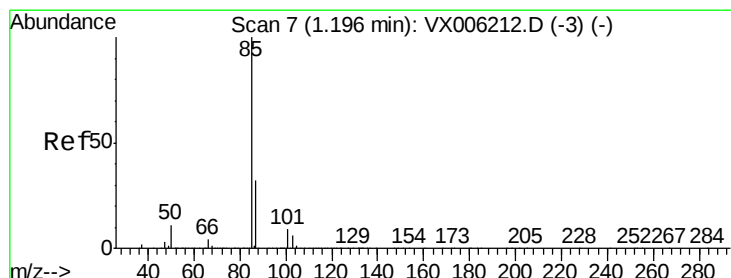
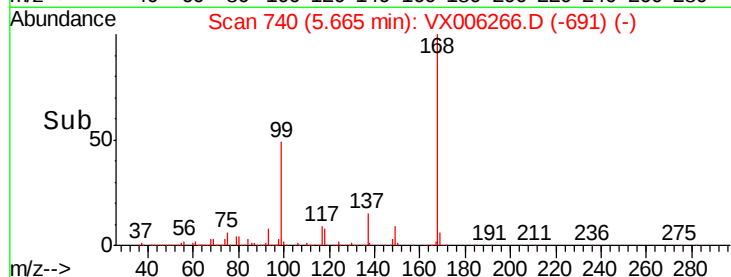
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 50.976 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006266.D

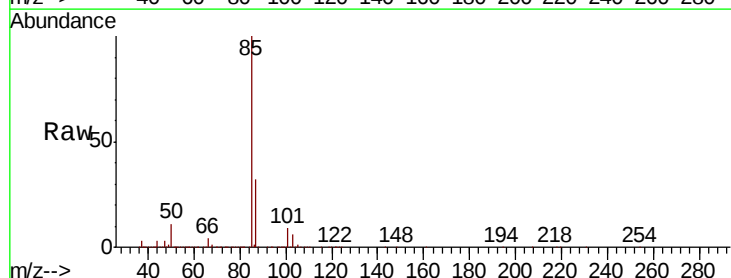
Acq: 03 Dec 2018 20:57

Tgt Ion: 85 Resp: 366210

Ion Ratio Lower Upper

85 100

87 32.5 16.1 48.2



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

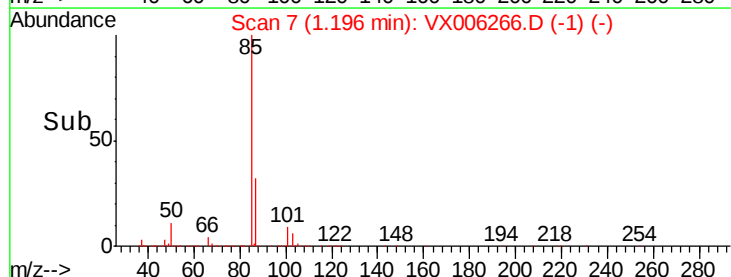
300000

200000

100000

0

Time-->





#3

Chloromethane

Concen: 45.151 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

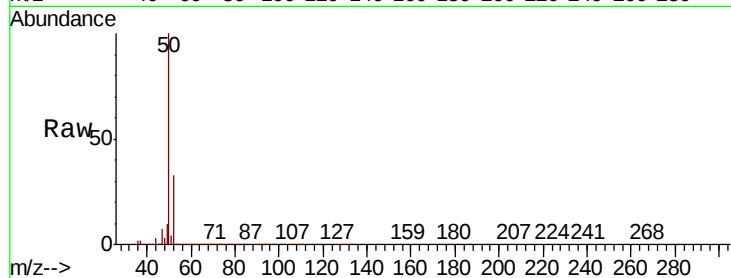
VSTDCCC050EC

Tot Ion: 50 Resp: 333325

Ion Ratio Lower Upper

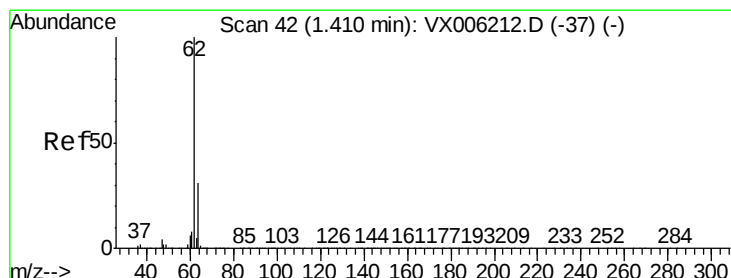
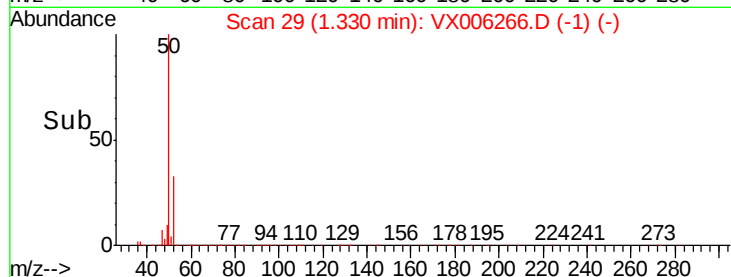
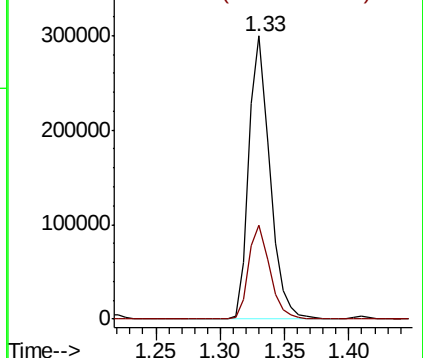
50 100

52 33.0 25.2 37.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 47.499 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006266.D

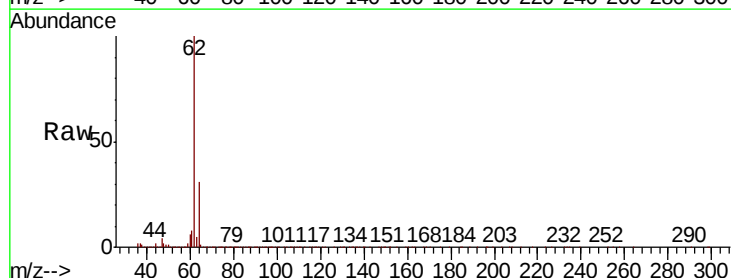
Acq: 03 Dec 2018 20:57

Tgt Ion: 62 Resp: 377399

Ion Ratio Lower Upper

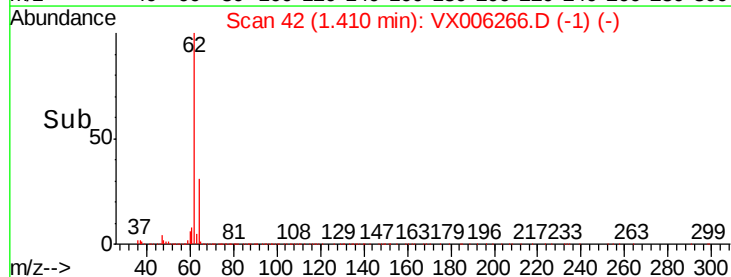
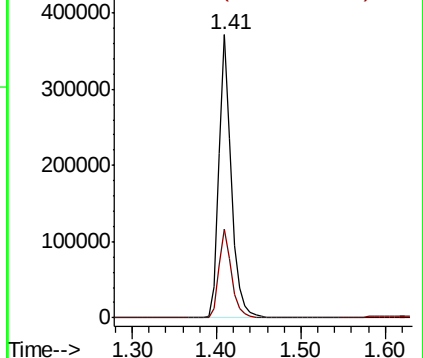
62 100

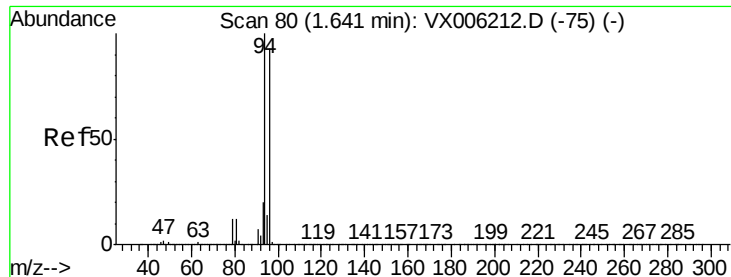
64 31.2 24.9 37.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 50.449 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

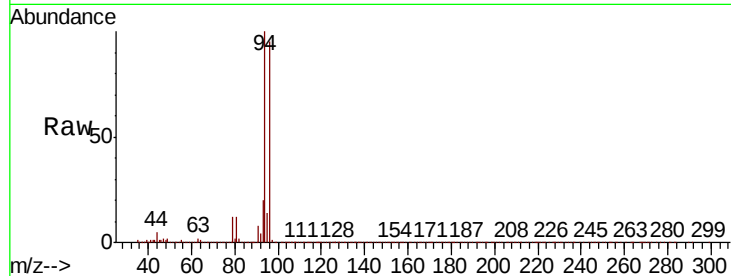
VSTDCCC050EC

Tot Ion: 94 Resp: 277796

Ion Ratio Lower Upper

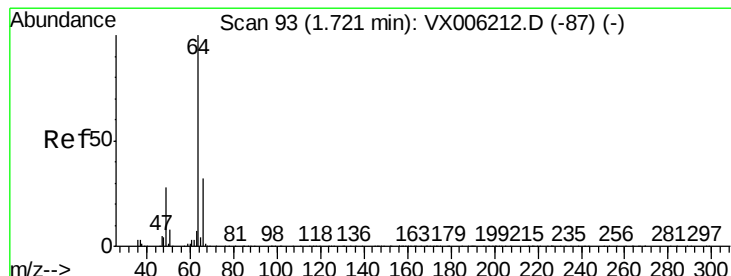
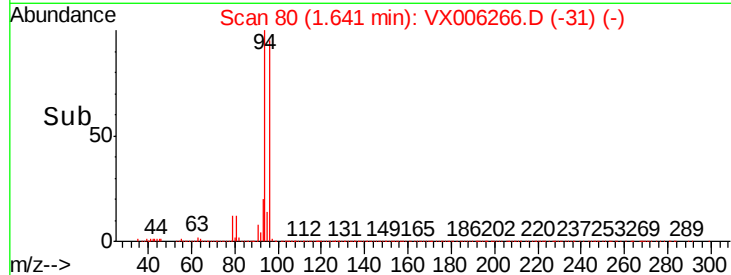
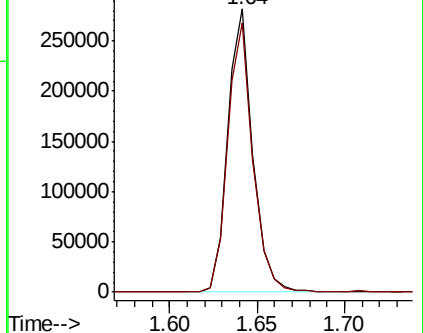
94 100

96 95.3 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: 48.161 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX006266.D

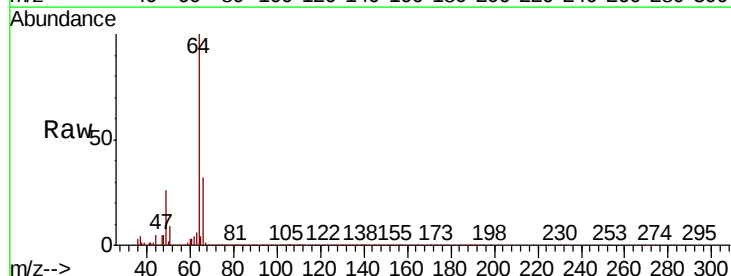
Acq: 03 Dec 2018 20:57

Tgt Ion: 64 Resp: 234623

Ion Ratio Lower Upper

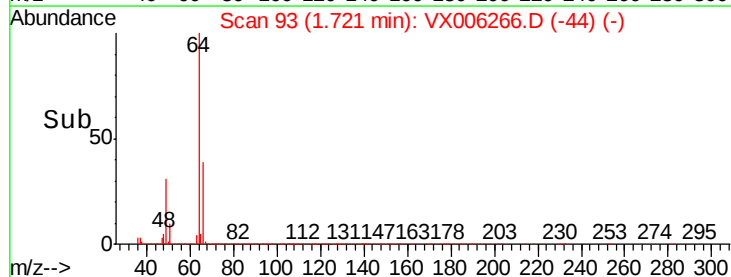
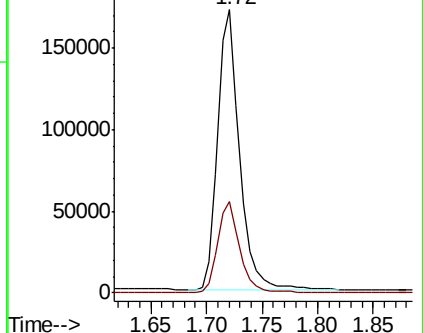
64 100

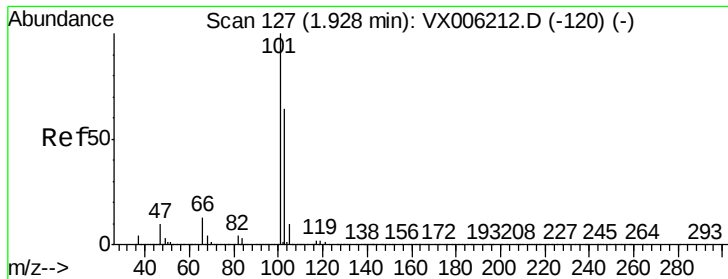
66 32.3 25.9 38.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



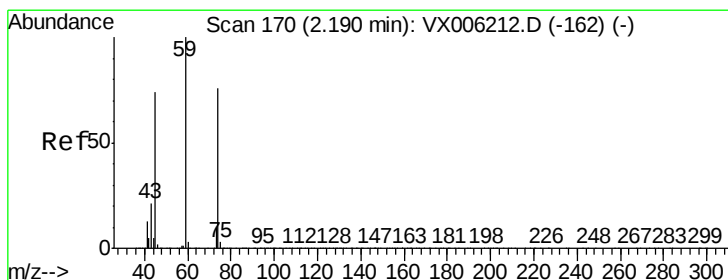
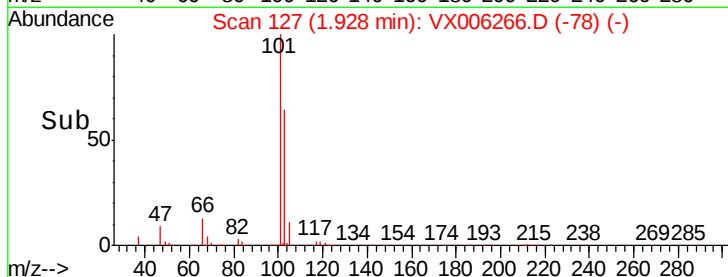
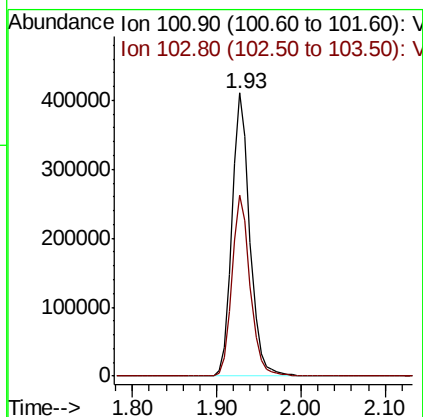
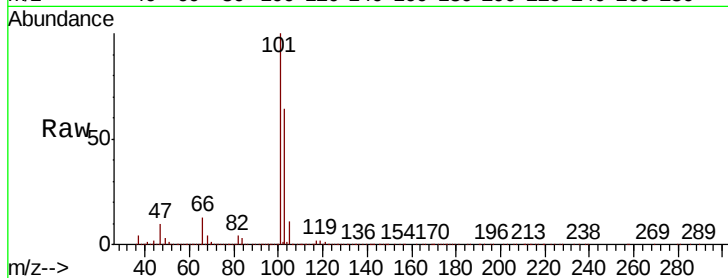


#7

Trichlorofluoromethane
 Concen: 48.651 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. -0.00 min
 Lab File: VX006266.D
 Acq: 03 Dec 2018 20:57

Instrument :
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 ClientSampleId :
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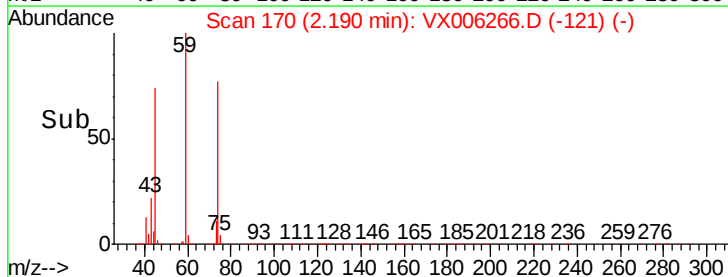
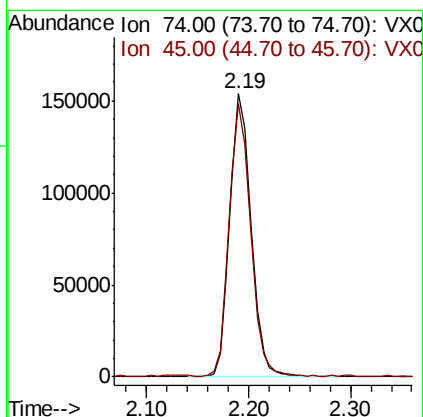
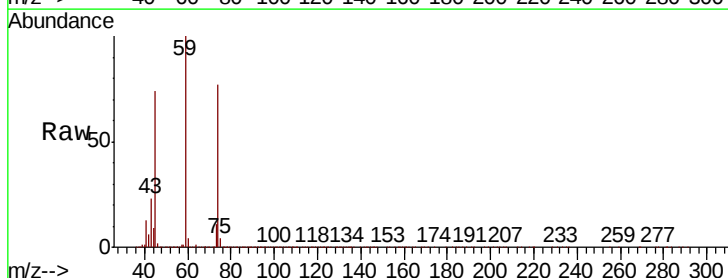
Tot Ion:101 Resp: 593367
 Ion Ratio Lower Upper
 101 100
 103 64.0 51.0 76.4

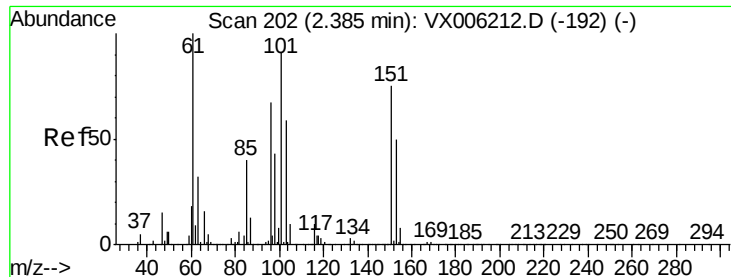


#8

Diethyl Ether
 Concen: 48.085 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX006266.D
 Acq: 03 Dec 2018 20:57

Tgt Ion: 74 Resp: 221957
 Ion Ratio Lower Upper
 74 100
 45 96.5 49.5 148.7





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.609 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

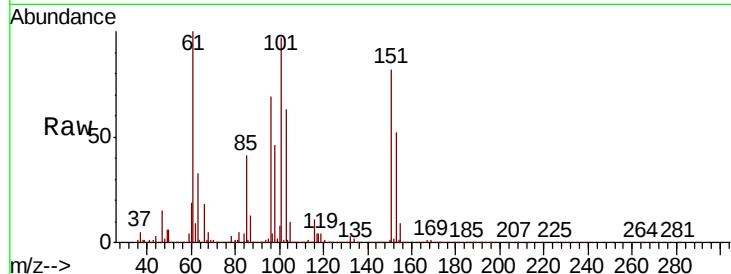
Tot Ion:101 Resp: 337112

Ion Ratio Lower Upper

101 100

85 42.8 35.5 53.3

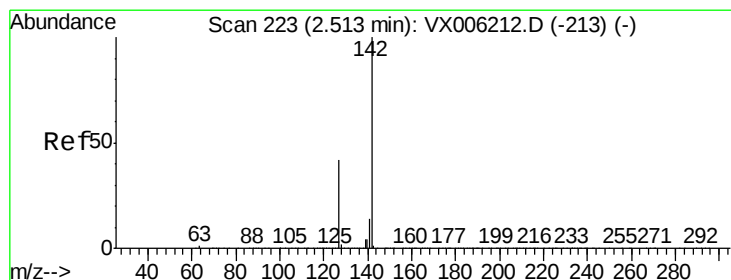
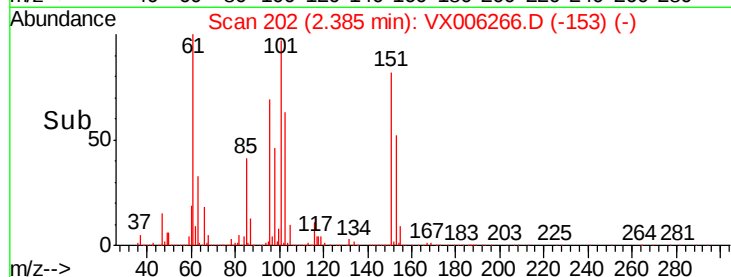
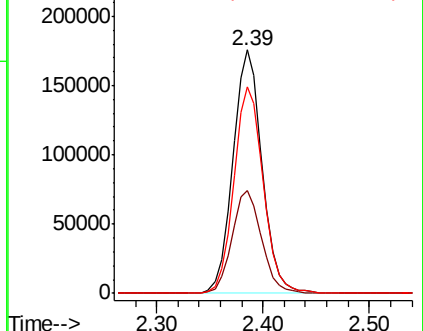
151 85.6 68.6 103.0



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: 49.286 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

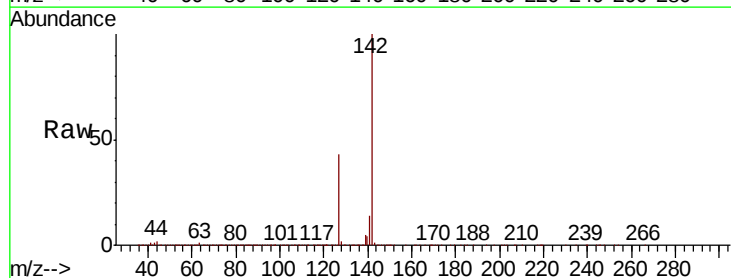
Tgt Ion:142 Resp: 515114

Ion Ratio Lower Upper

142 100

127 43.0 34.8 52.2

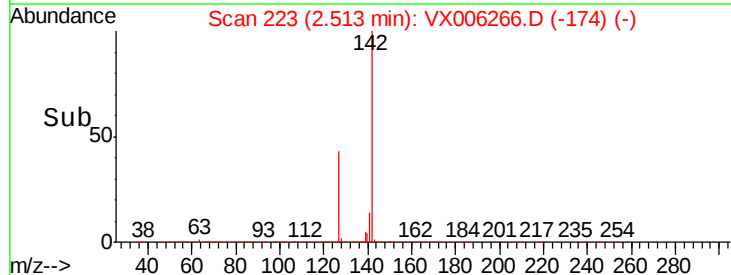
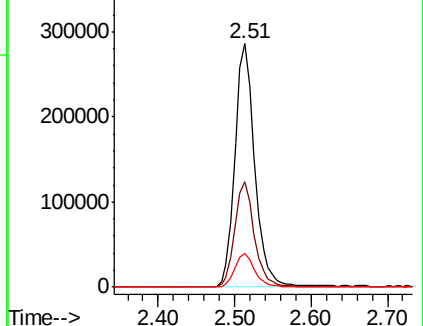
141 14.0 11.4 17.2

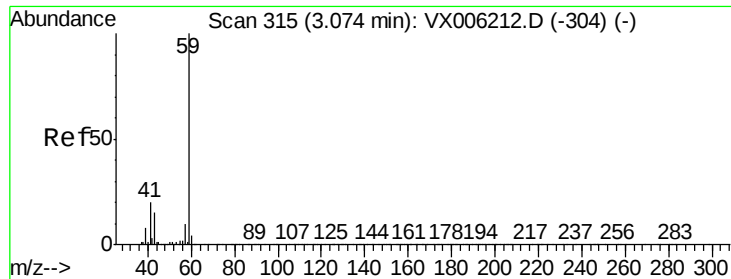


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

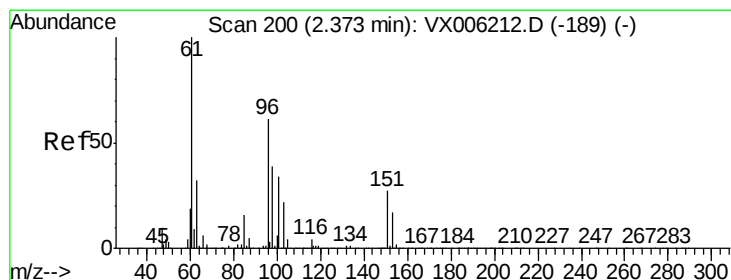
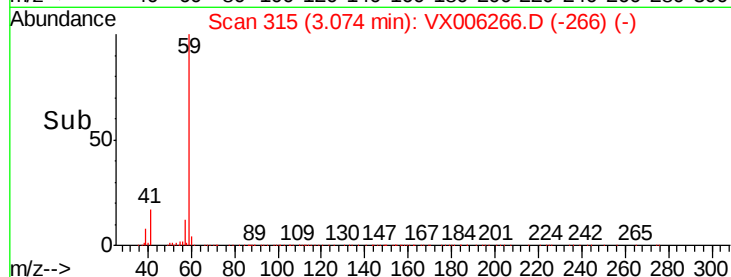
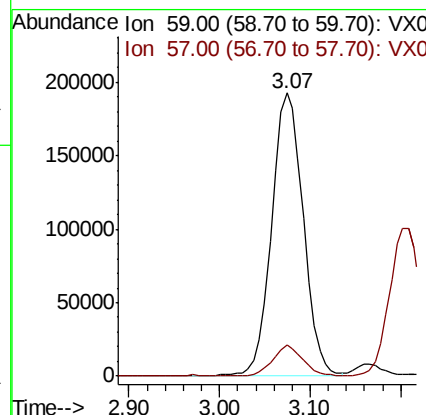
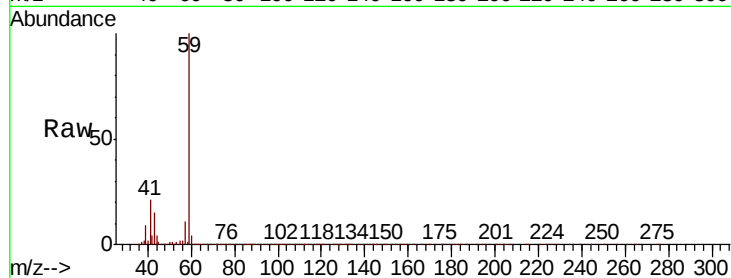




#11
Tert butyl alcohol
Concen: 226.943 ug/l
RT: 3.07 min Scan# 315
Delta R.T. -0.00 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

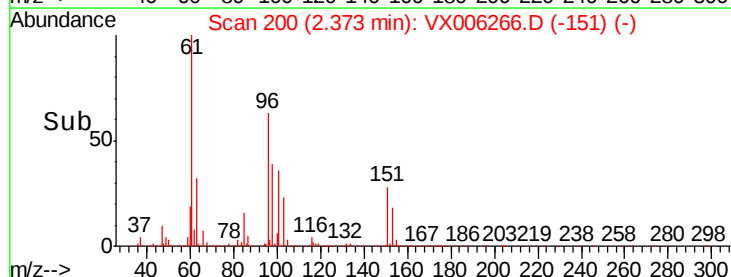
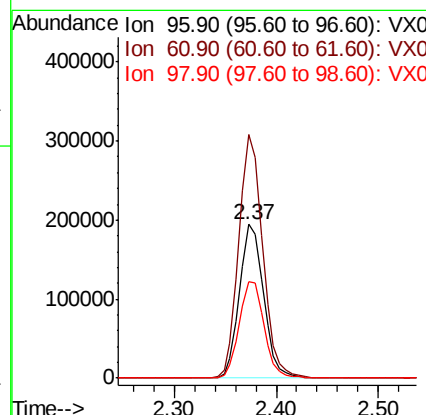
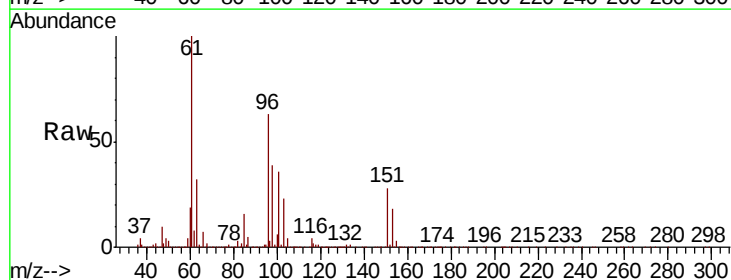
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

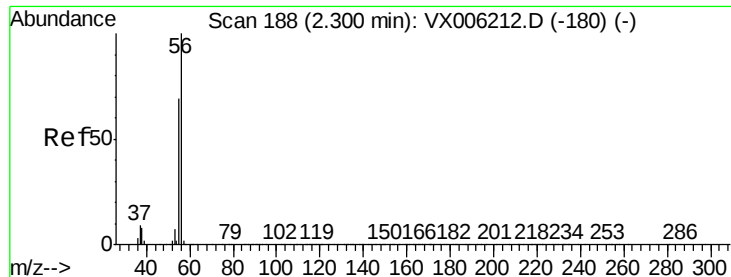
Tot Ion: 59 Resp: 464854
Ion Ratio Lower Upper
59 100
57 10.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 47.890 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

Tgt Ion: 96 Resp: 317944
Ion Ratio Lower Upper
96 100
61 158.4 131.7 197.5
98 62.3 51.8 77.6

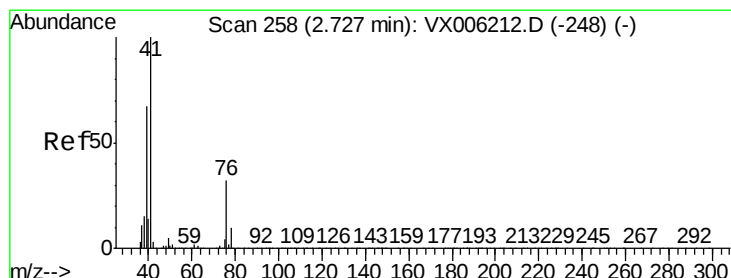
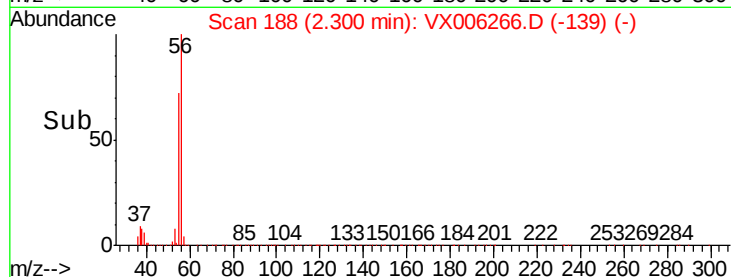
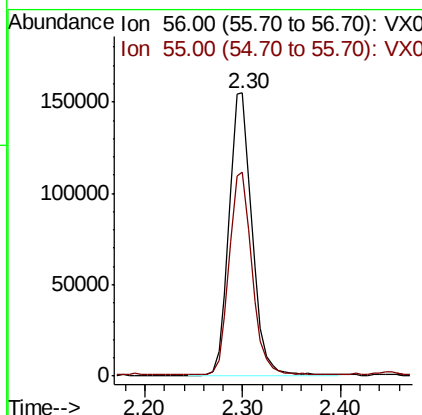
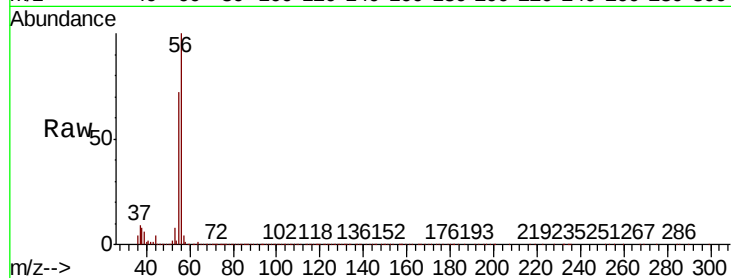




#13
Acrolein
Concen: 224.646 ug/l
RT: 2.30 min Scan# 188
Delta R.T. -0.00 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

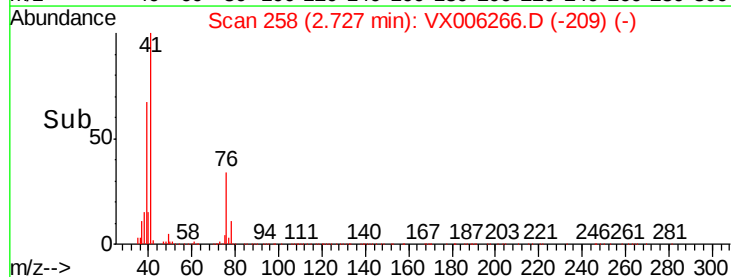
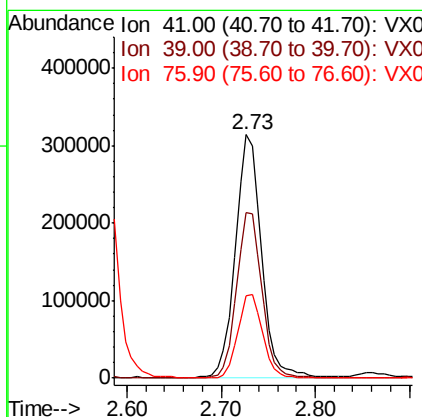
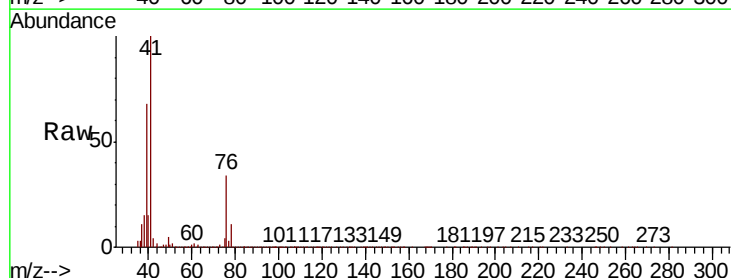
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

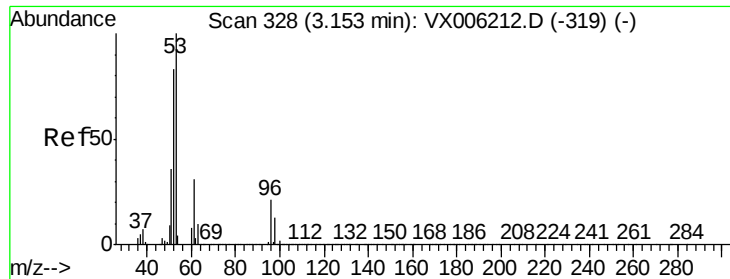
Tot Ion: 56 Resp: 251501
Ion Ratio Lower Upper
56 100
55 71.2 57.8 86.6



#14
Allyl chloride
Concen: 45.783 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

Tgt Ion: 41 Resp: 600433
Ion Ratio Lower Upper
41 100
39 66.0 52.4 78.6
76 32.9 25.4 38.0





#15

Acrylonitrile

Concen: 235.127 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

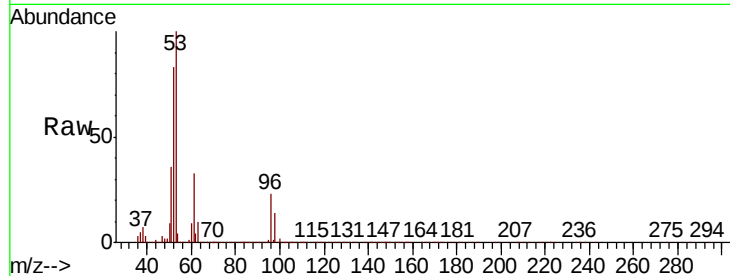
Tot Ion: 53 Resp: 1005021

Ion Ratio Lower Upper

53 100

52 82.4 66.2 99.4

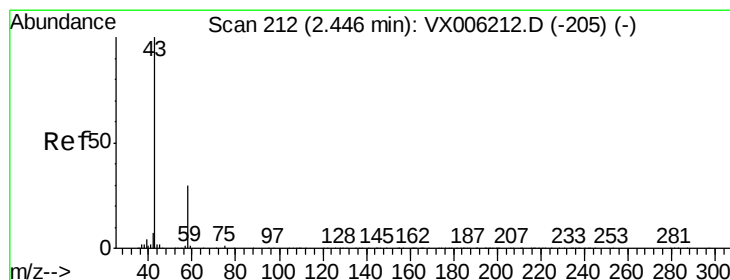
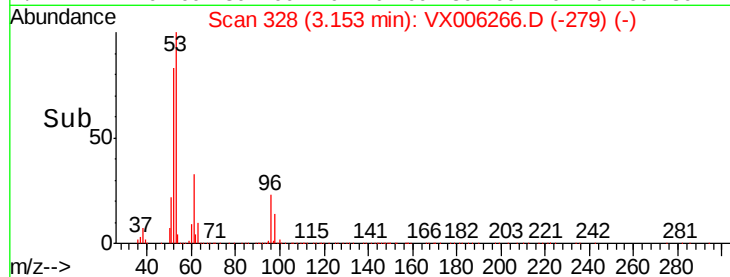
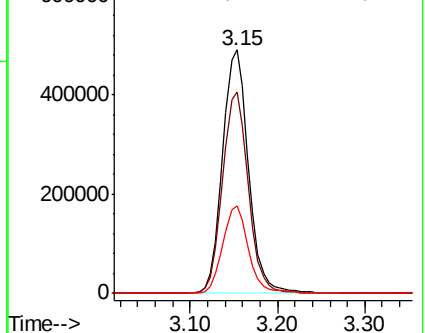
51 35.8 28.7 43.1



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 236.625 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX006266.D

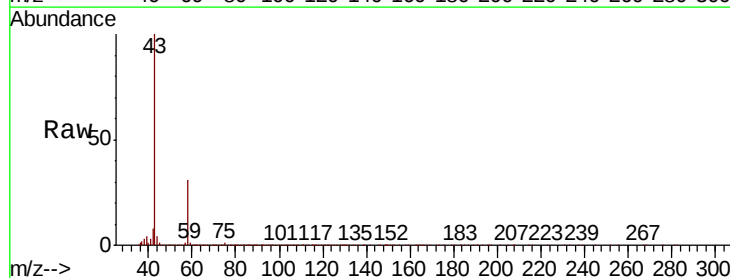
Acq: 03 Dec 2018 20:57

Tgt Ion: 43 Resp: 831731

Ion Ratio Lower Upper

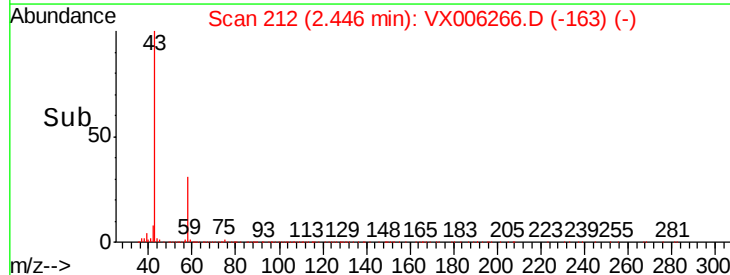
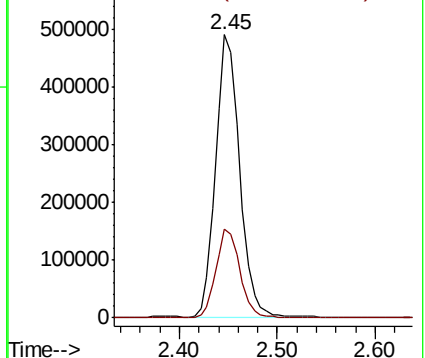
43 100

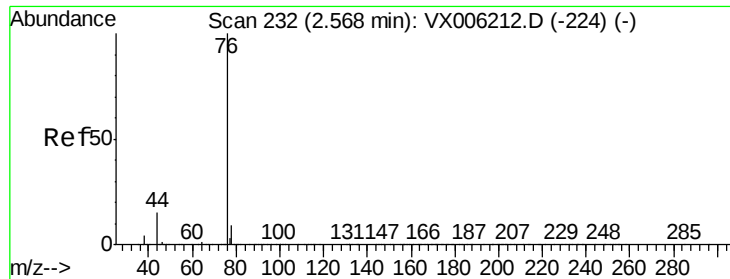
58 31.2 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

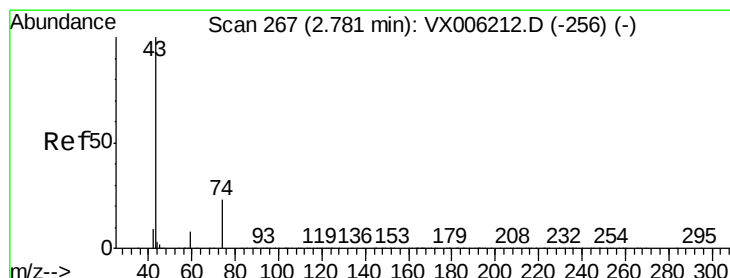
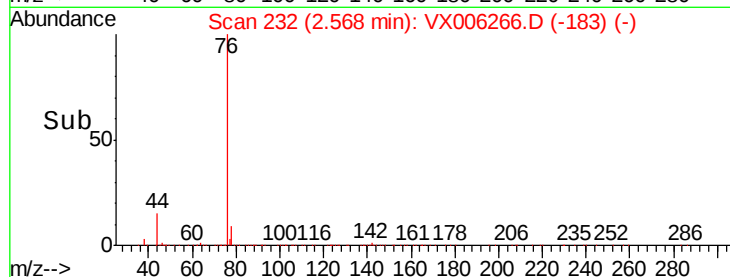
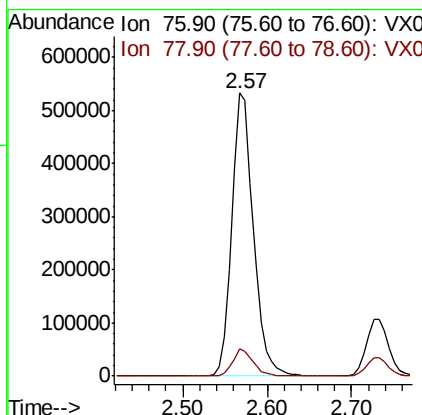
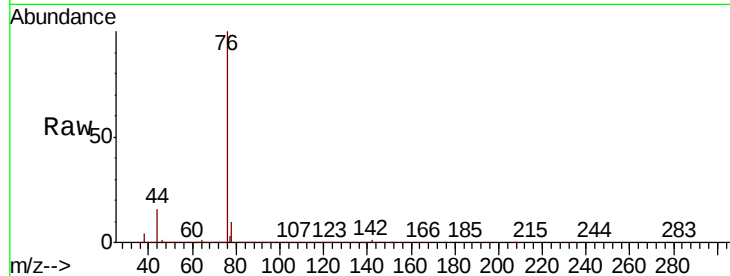




#17
Carbon Disulfide
Concen: 45.145 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

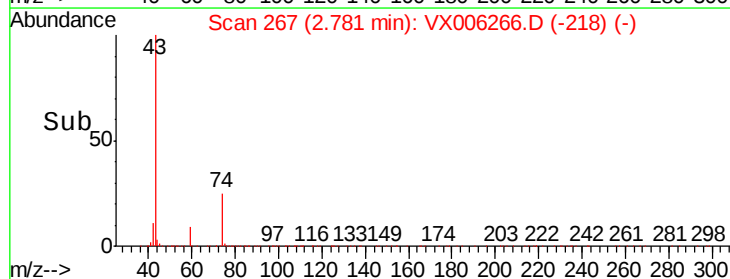
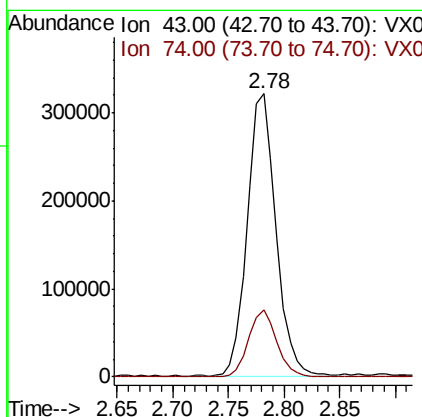
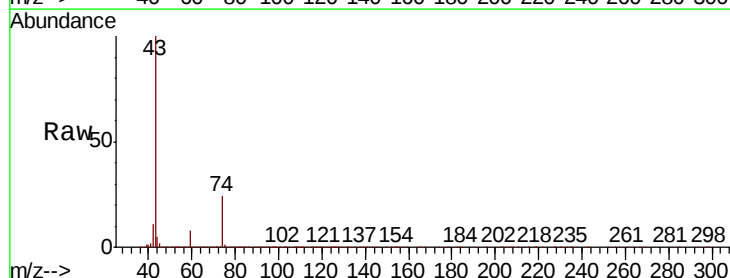
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

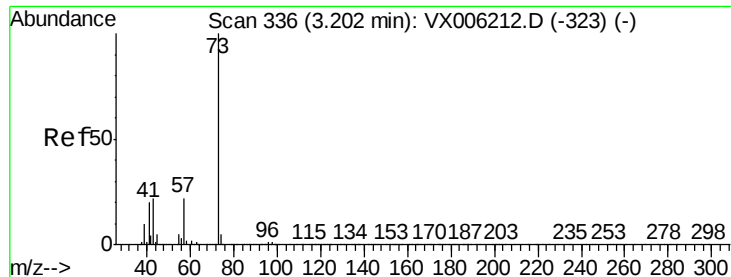
Tot Ion: 76 Resp: 923564
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 48.955 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

Tgt Ion: 43 Resp: 575451
Ion Ratio Lower Upper
43 100
74 23.6 17.9 26.9





#19

Methyl tert-butyl Ether
 Concen: 47.920 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX006266.D
 Acq: 03 Dec 2018 20:57

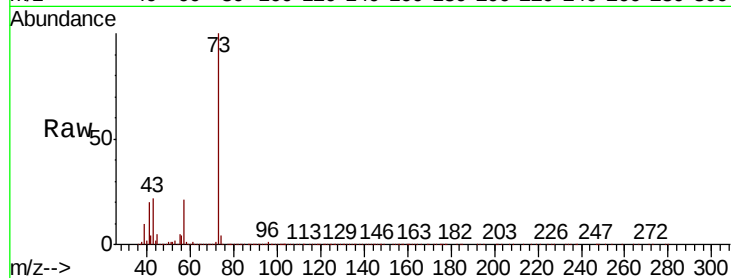
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion: 73 Resp: 1134934

Ion Ratio Lower Upper

73 100

57 21.0 17.5 26.3



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

500000

400000

300000

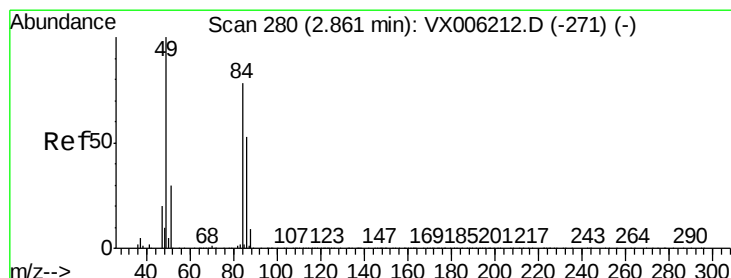
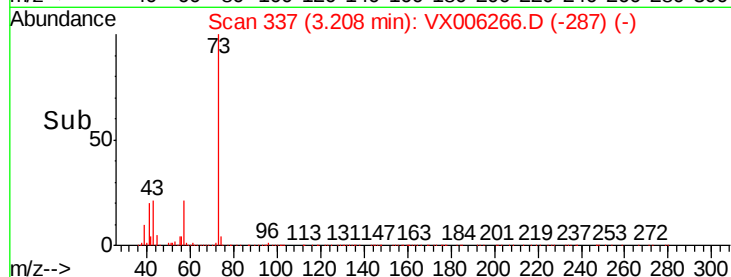
200000

100000

0

Time-->

3.10 3.20 3.30



#20

Methylene Chloride
 Concen: 46.681 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. -0.00 min
 Lab File: VX006266.D
 Acq: 03 Dec 2018 20:57

Tgt Ion: 84 Resp: 349208

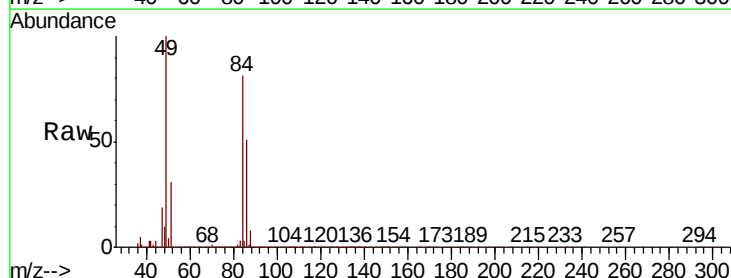
Ion Ratio Lower Upper

84 100

49 122.6 102.2 153.4

51 37.9 31.1 46.7

86 62.2 53.7 80.5



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

300000

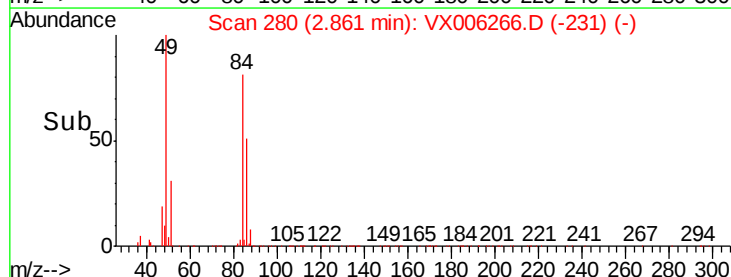
200000

100000

0

Time-->

2.70 2.80 2.90 3.00





#21

trans-1,2-Dichloroethene

Concen: 47.687 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

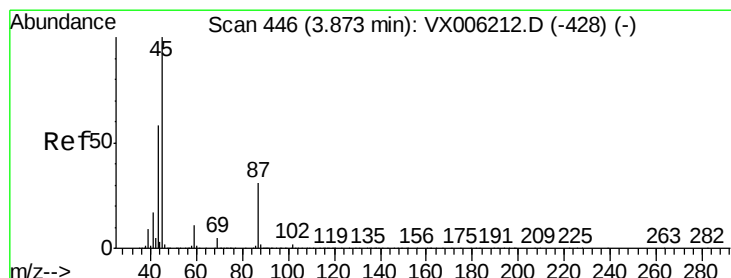
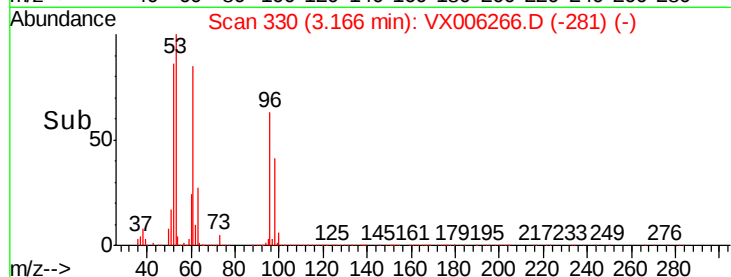
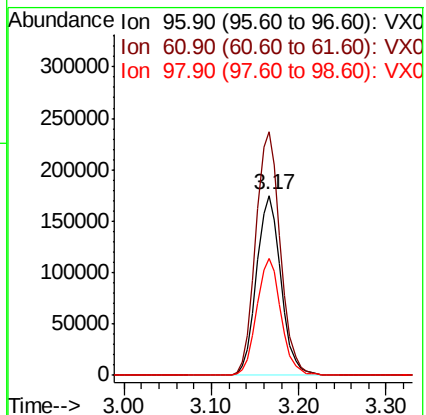
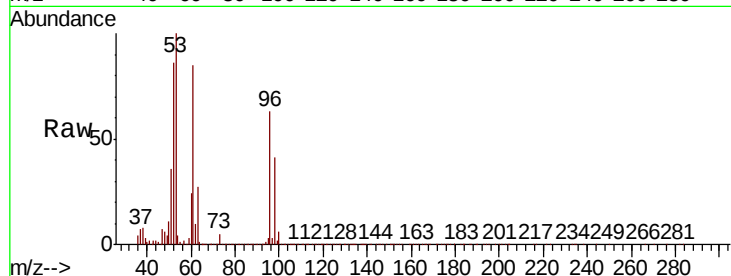
Tot Ion: 96 Resp: 337384

Ion Ratio Lower Upper

96 100

61 135.4 113.3 169.9

98 65.0 53.2 79.8



#22

Diisopropyl ether

Concen: 49.474 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Tgt Ion: 45 Resp: 1013453

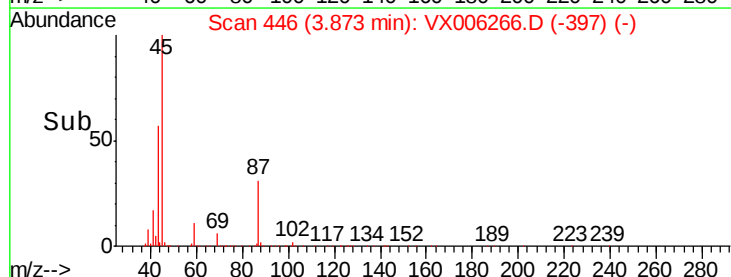
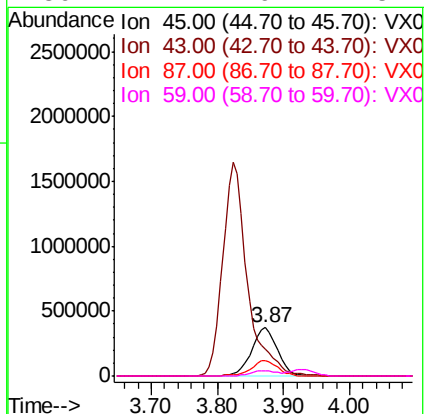
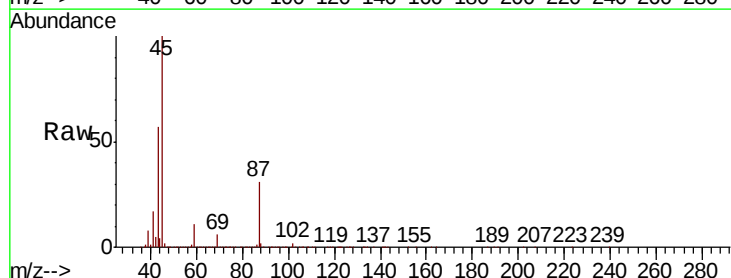
Ion Ratio Lower Upper

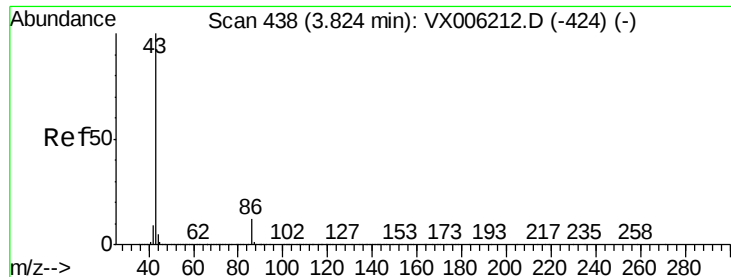
45 100

43 57.0 46.2 69.2

87 31.3 24.9 37.3

59 11.4 9.1 13.7





#23

Vinyl Acetate

Concen: 244.104 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

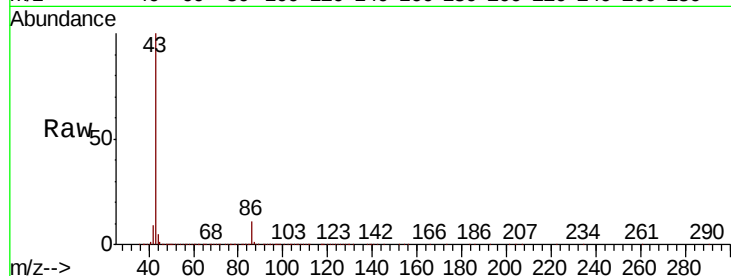
VSTDCCC050EC

Tot Ion: 43 Resp: 4264888

Ion Ratio Lower Upper

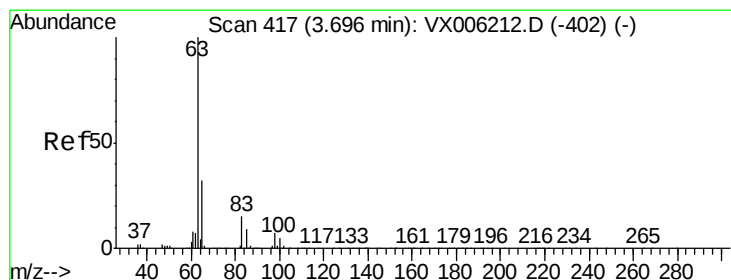
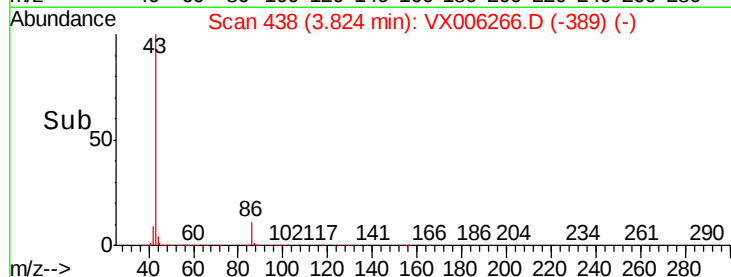
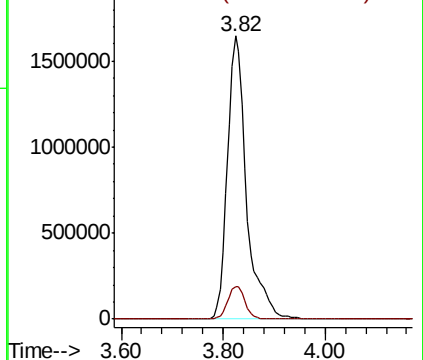
43 100

86 11.4 9.4 14.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 48.703 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

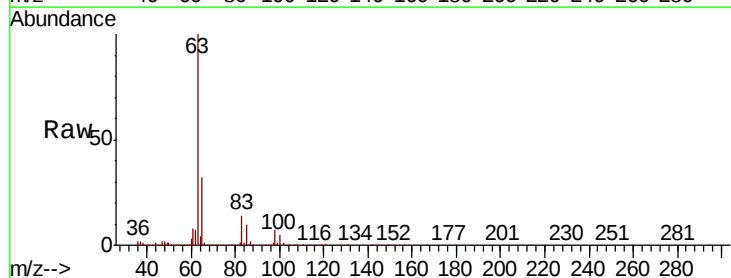
Tgt Ion: 63 Resp: 570237

Ion Ratio Lower Upper

63 100

98 7.2 3.8 11.4

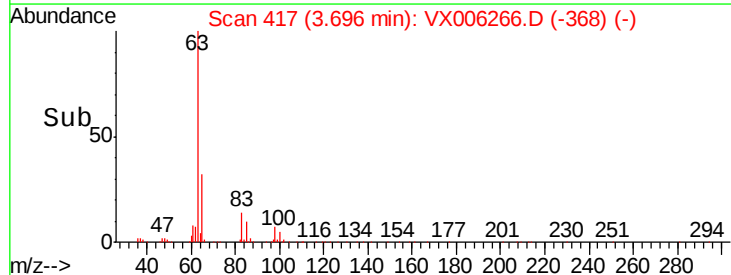
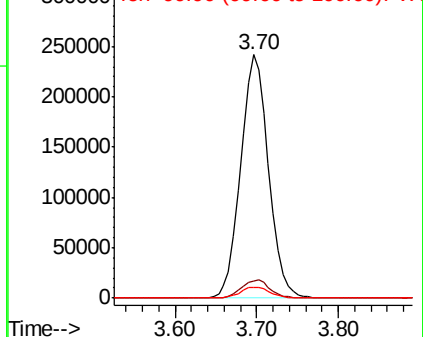
100 4.6 2.5 7.4

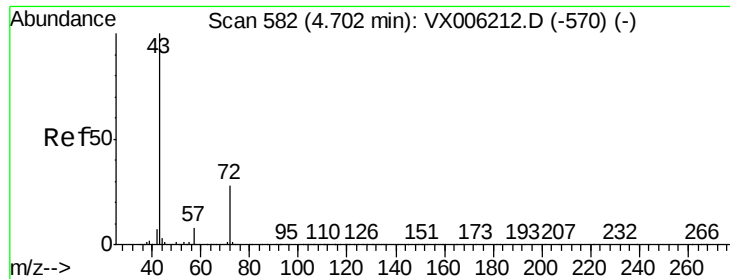


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 240.503 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

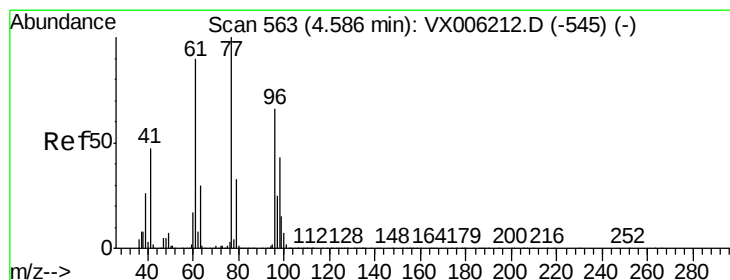
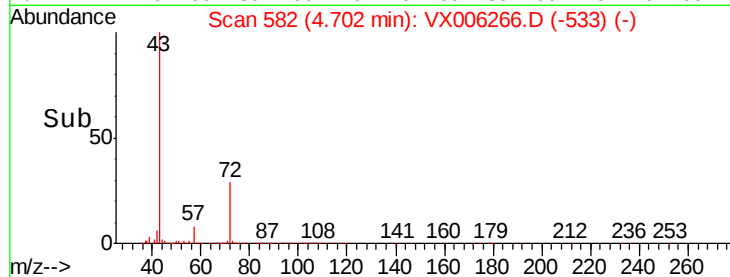
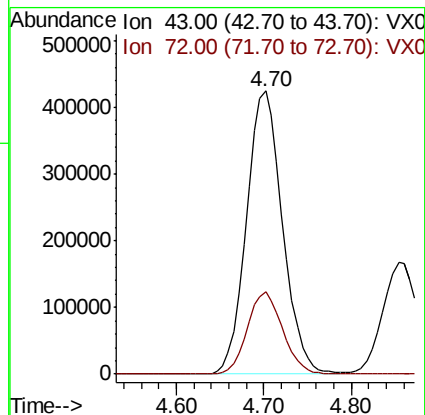
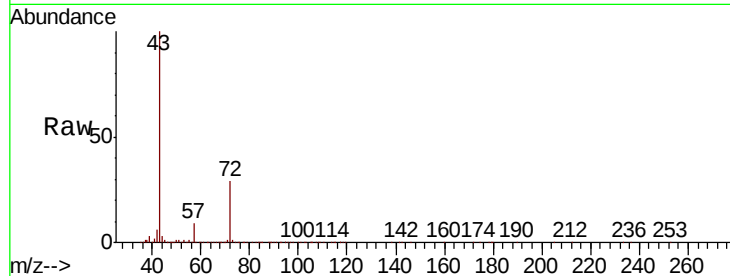
VSTDCCC050EC

Tot Ion: 43 Resp: 1206214

Ion Ratio Lower Upper

43 100

72 29.1 22.6 33.8



#26

2,2-Dichloropropane

Concen: 44.548 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX006266.D

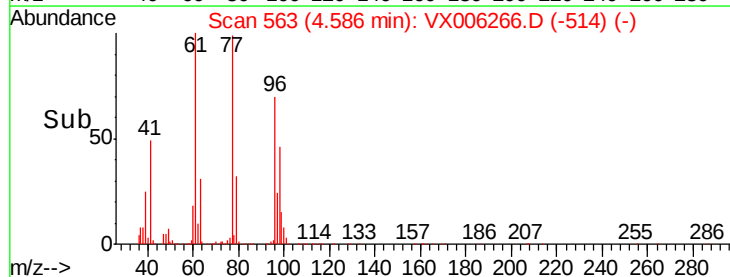
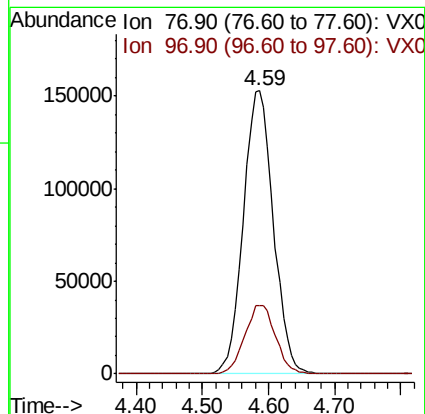
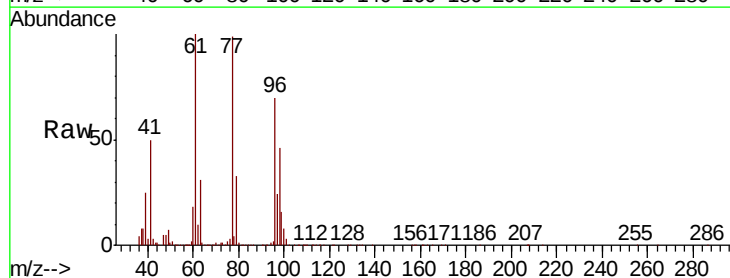
Acq: 03 Dec 2018 20:57

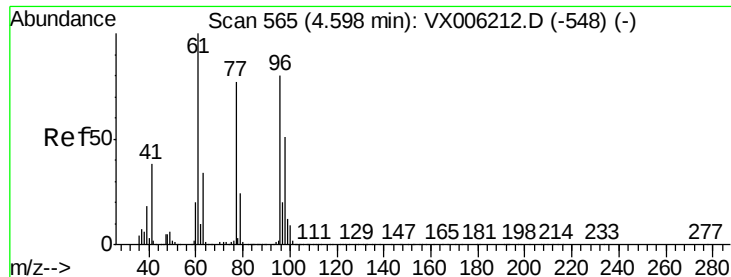
Tgt Ion: 77 Resp: 481369

Ion Ratio Lower Upper

77 100

97 25.2 12.3 36.8



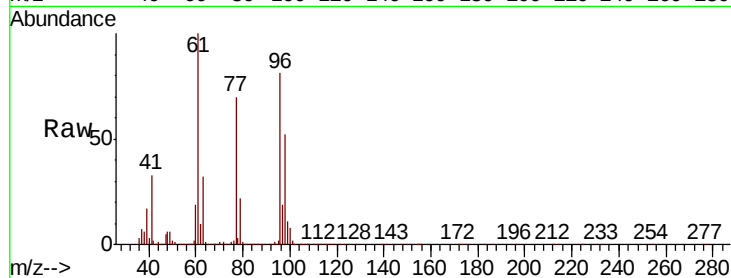


#27

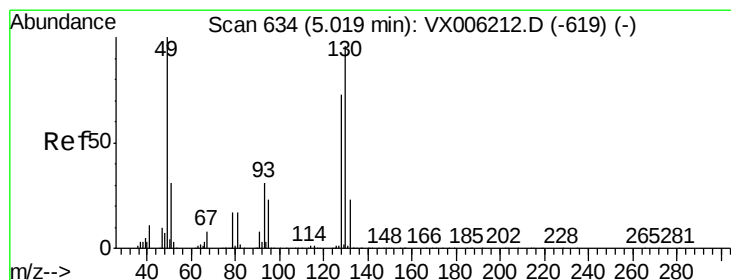
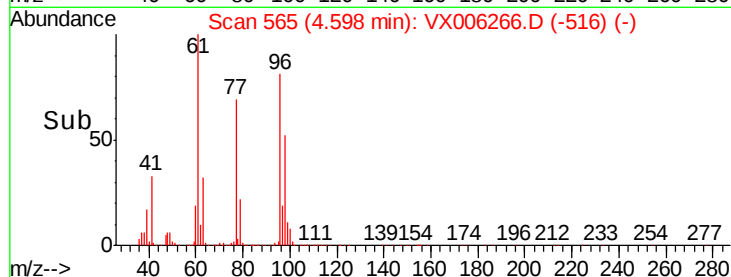
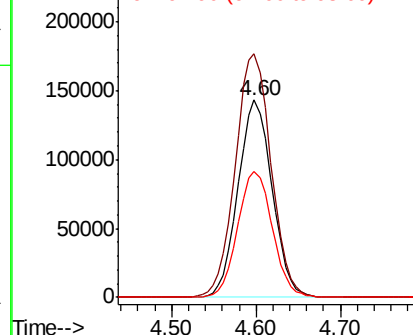
cis-1,2-Dichloroethene
Concen: 49.706 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion	Ratio	Lower	Upper
96	100		
61	129.9	0.0	265.0
98	65.2	0.0	130.2



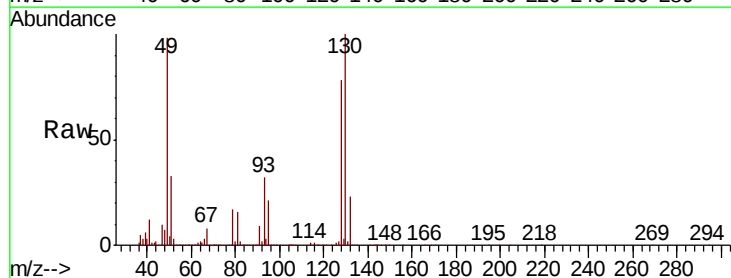
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



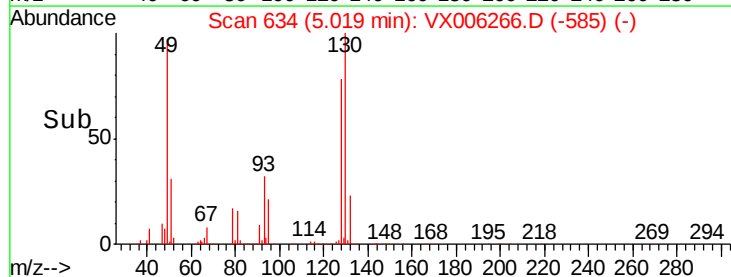
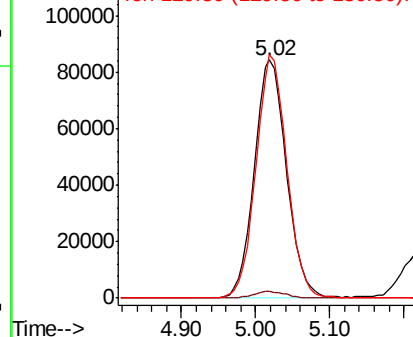
#28

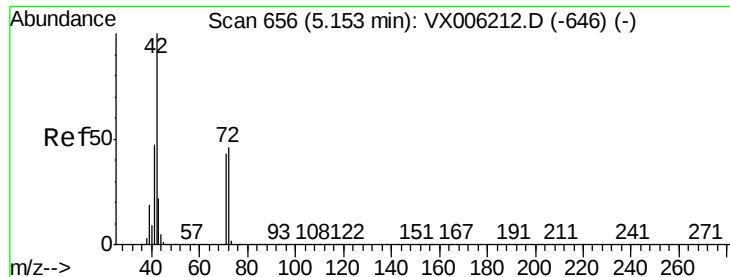
Bromochloromethane
Concen: 49.858 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.8	0.0	5.0
130	98.5	78.3	117.5



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





#29

Tetrahydrofuran

Concen: 238.918 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

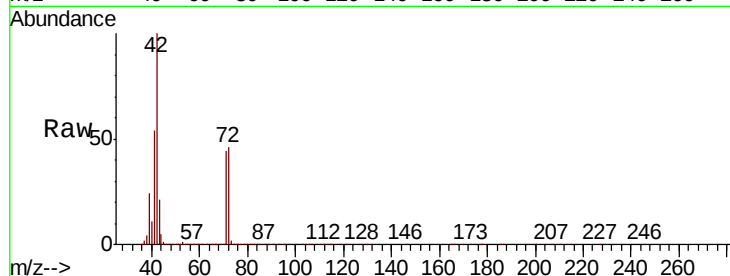
Tot Ion: 42 Resp: 832790

Ion Ratio Lower Upper

42 100

72 47.4 37.8 56.8

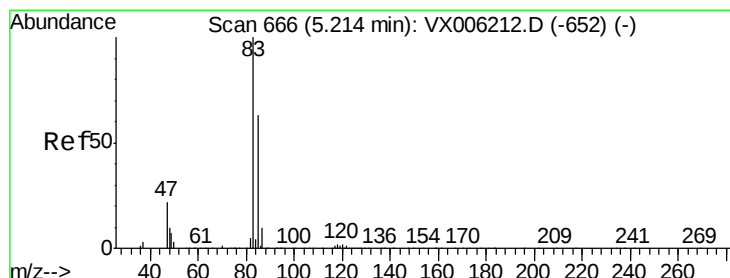
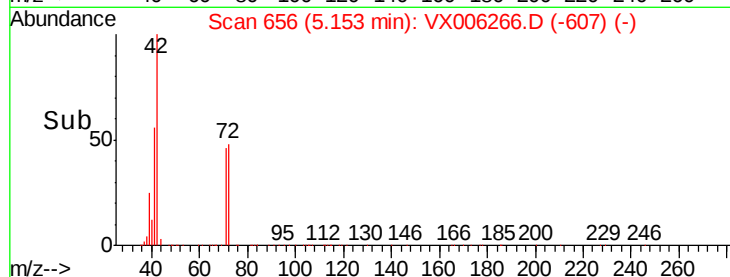
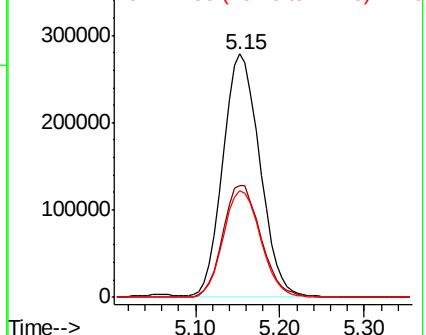
71 44.5 35.2 52.8



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 49.599 ug/l

RT: 5.22 min Scan# 667

Delta R.T. 0.01 min

Lab File: VX006266.D

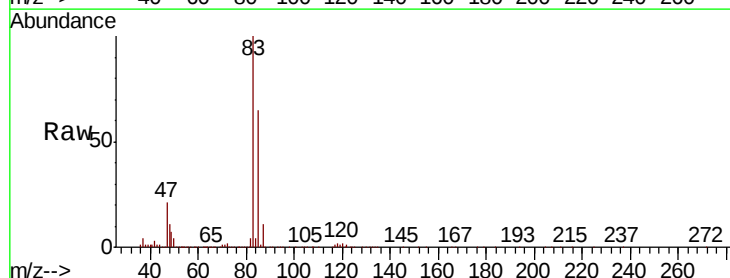
Acq: 03 Dec 2018 20:57

Tgt Ion: 83 Resp: 610274

Ion Ratio Lower Upper

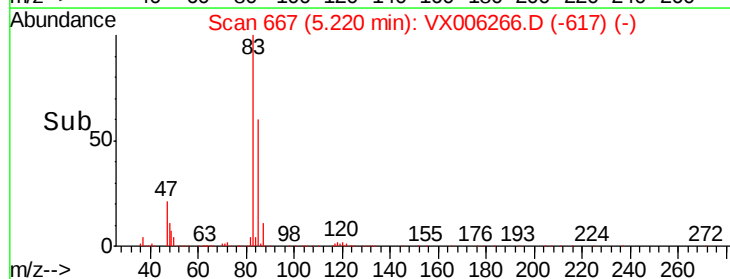
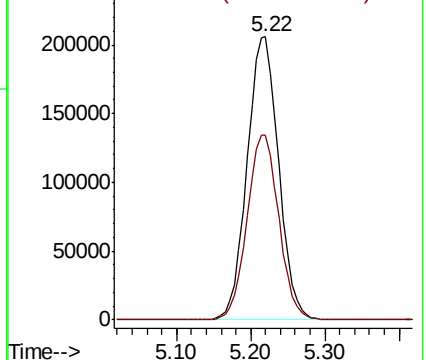
83 100

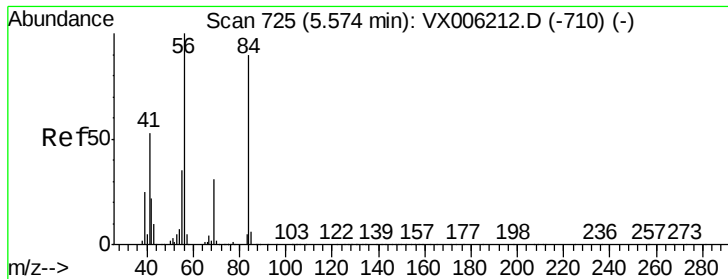
85 65.1 50.3 75.5



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

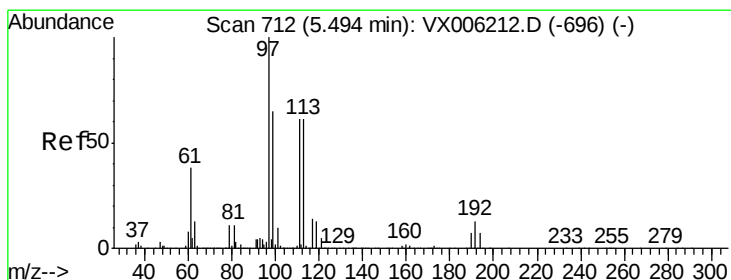
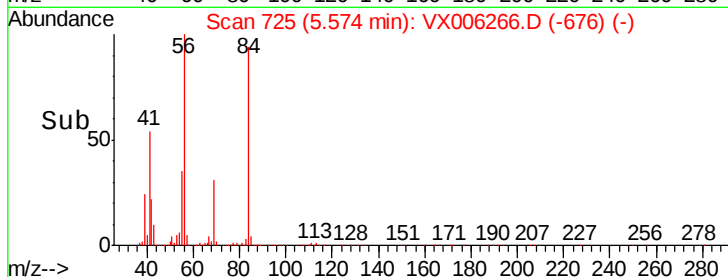
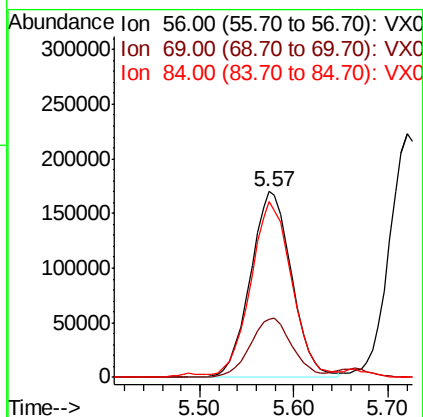
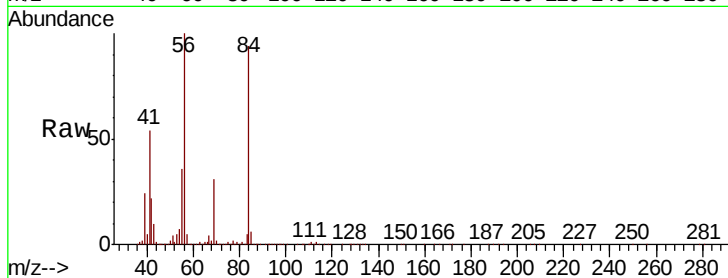




#31
Cyclohexane
Concen: 48.086 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

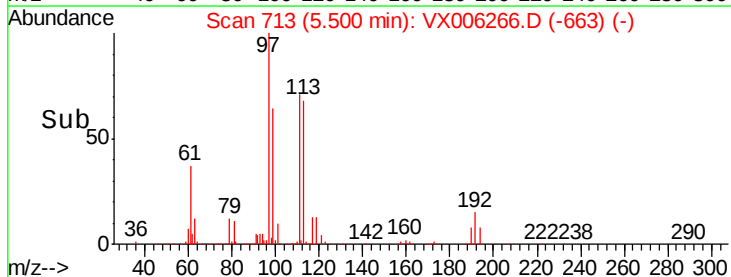
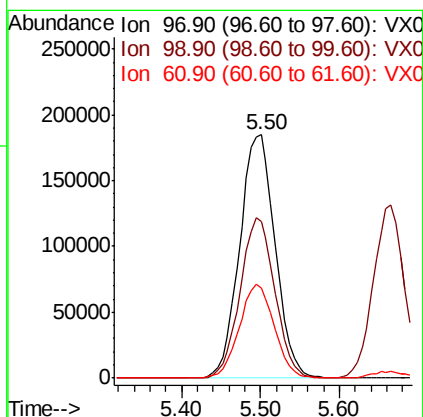
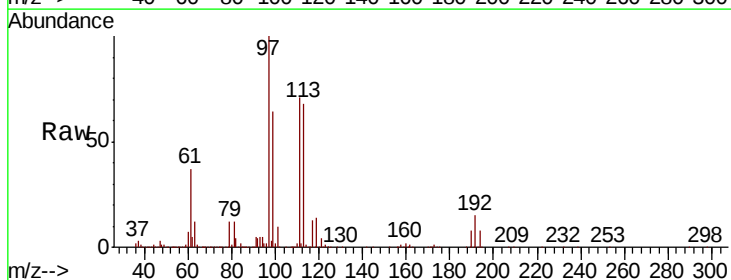
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 56 Resp: 520310
Ion Ratio Lower Upper
56 100
69 31.4 24.5 36.7
84 92.4 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 49.349 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.01 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

Tgt Ion: 97 Resp: 577733
Ion Ratio Lower Upper
97 100
99 64.6 51.6 77.4
61 38.0 30.6 46.0





#33

1,2-Dichloroethane-d4

Concen: 49.102 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

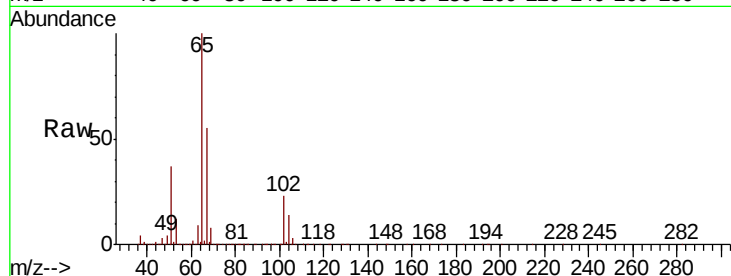
VSTDCCC050EC

Tot Ion: 65 Resp: 367771

Ion Ratio Lower Upper

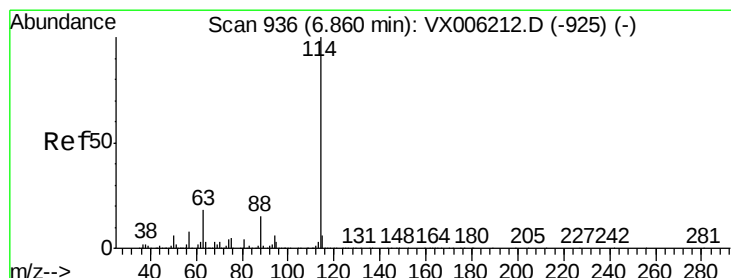
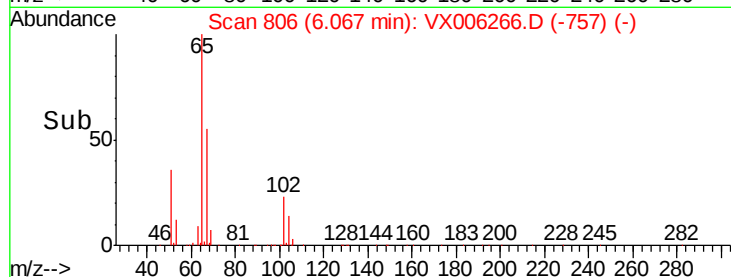
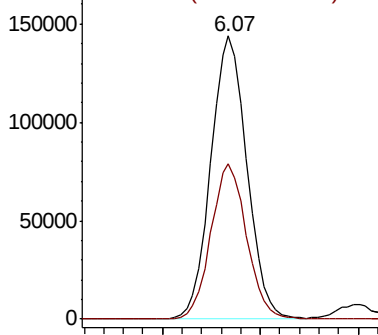
65 100

67 53.9 0.0 107.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

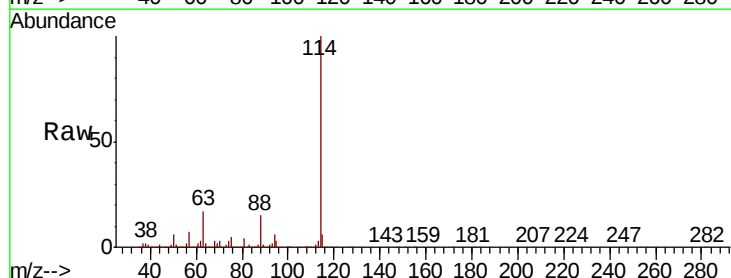
Tgt Ion: 114 Resp: 1095262

Ion Ratio Lower Upper

114 100

63 17.1 0.0 36.6

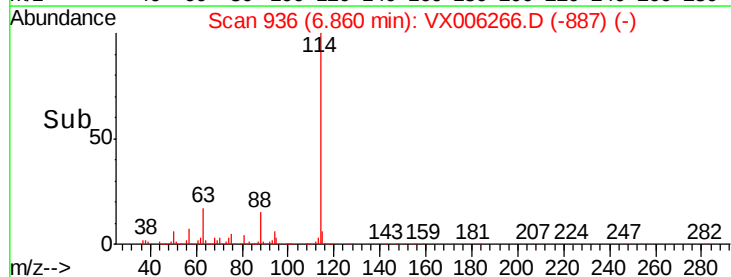
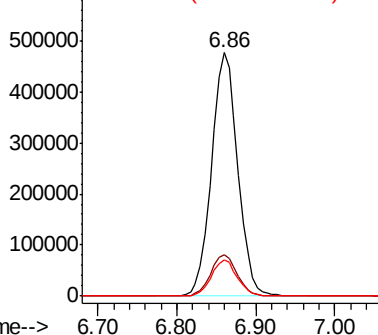
88 14.9 0.0 29.0

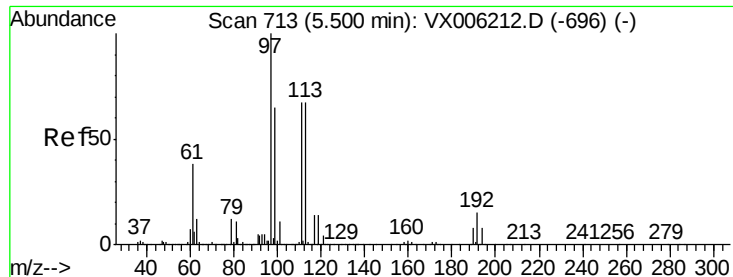


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 50.216 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

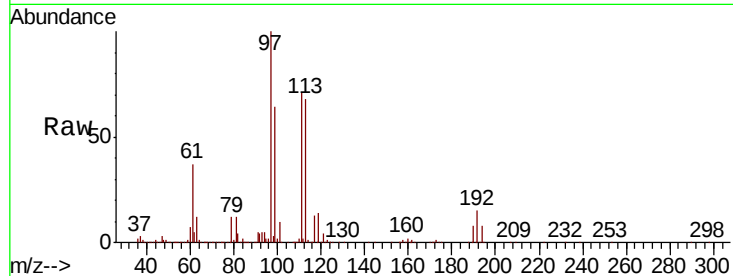
Tot Ion:113 Resp: 356101

Ion Ratio Lower Upper

113 100

111 103.2 81.1 121.7

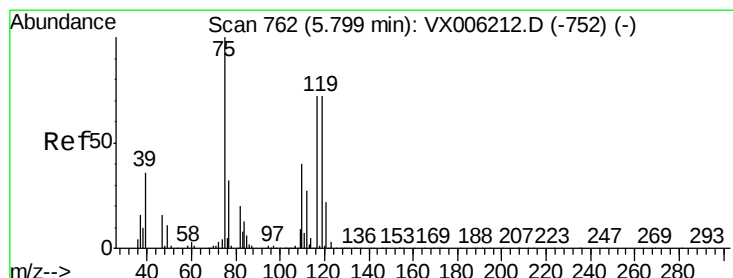
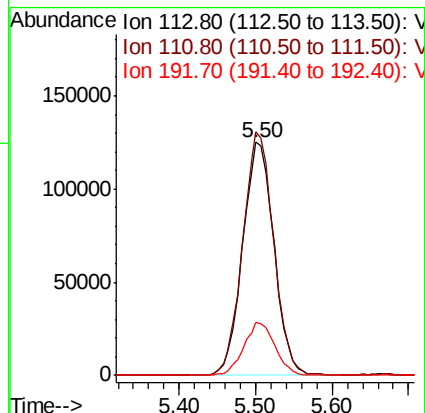
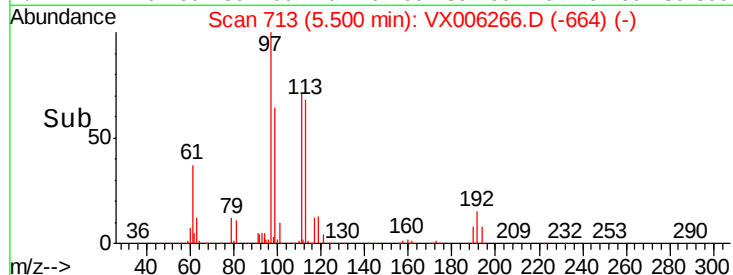
192 22.5 18.2 27.2



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: 49.244 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

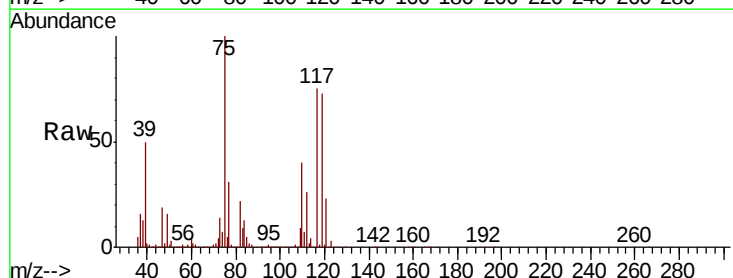
Tgt Ion: 75 Resp: 454187

Ion Ratio Lower Upper

75 100

110 39.9 20.4 61.3

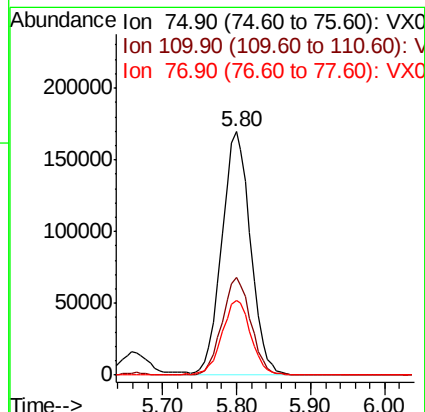
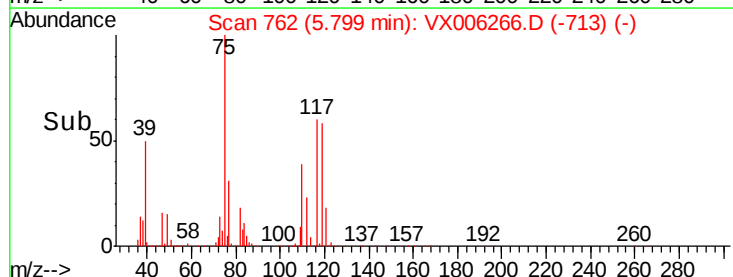
77 31.0 24.9 37.3

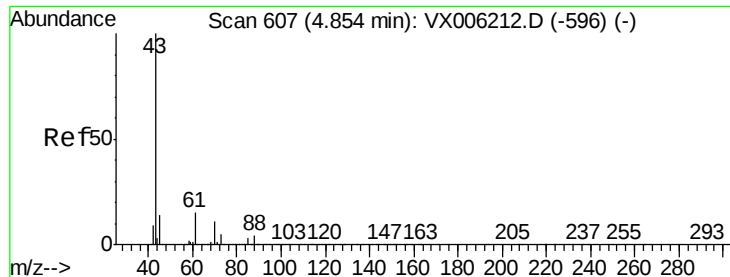


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

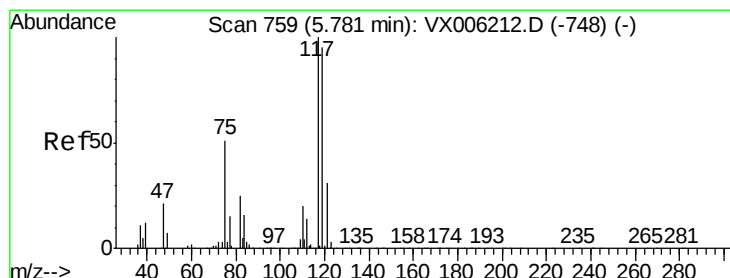
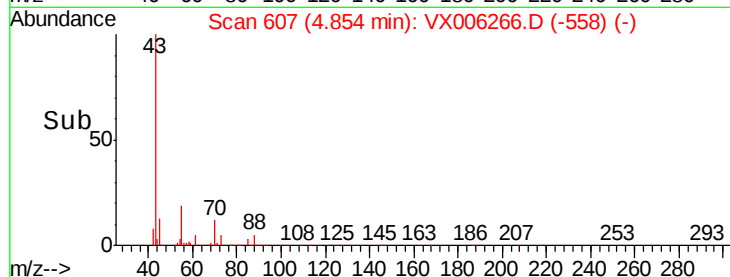
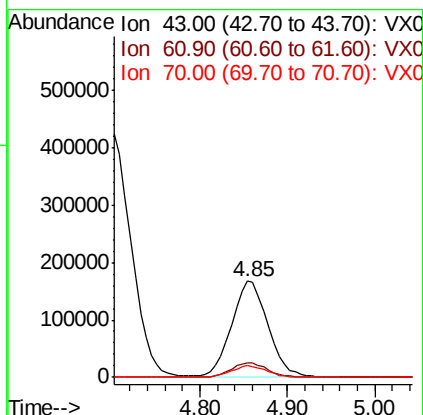
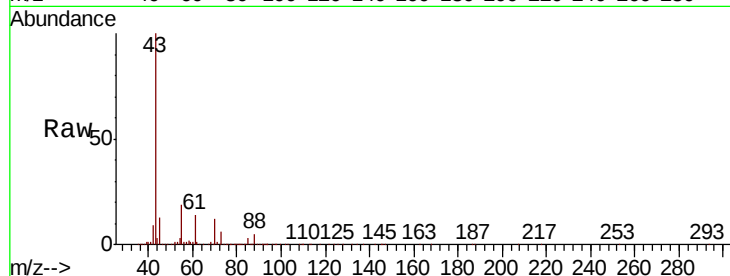




#37
Ethyl Acetate
Concen: 46.666 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

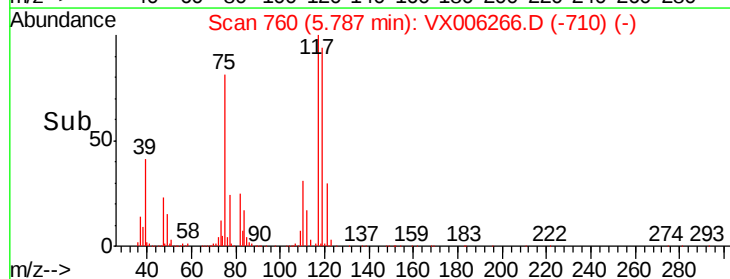
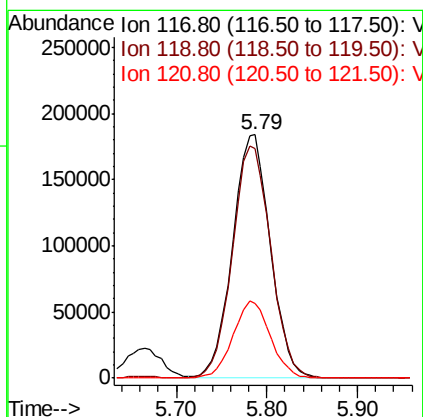
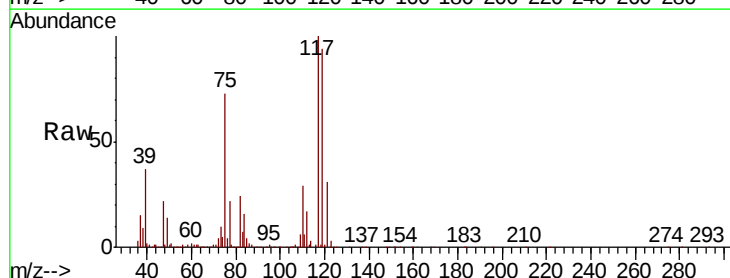
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 482002
Ion Ratio Lower Upper
43 100
61 14.9 11.5 17.3
70 11.9 9.0 13.6



#38
Carbon Tetrachloride
Concen: 49.135 ug/l
RT: 5.79 min Scan# 760
Delta R.T. 0.01 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

Tgt Ion: 117 Resp: 533130
Ion Ratio Lower Upper
117 100
119 94.1 75.8 113.8
121 30.5 24.6 37.0

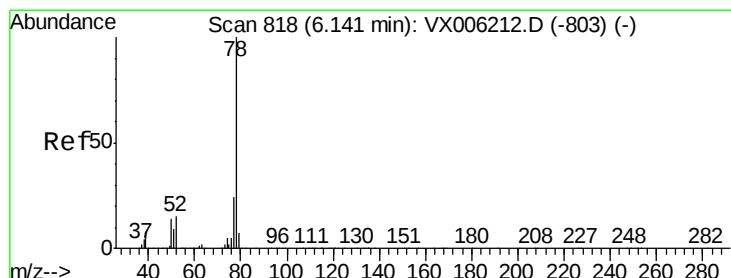
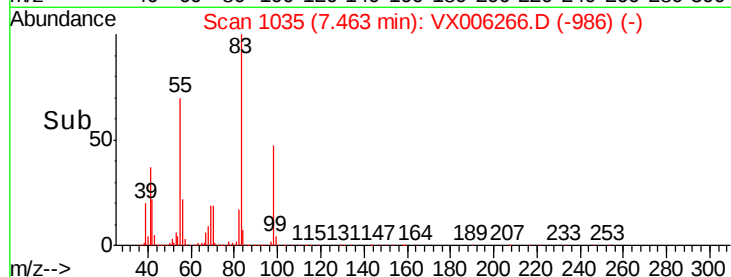
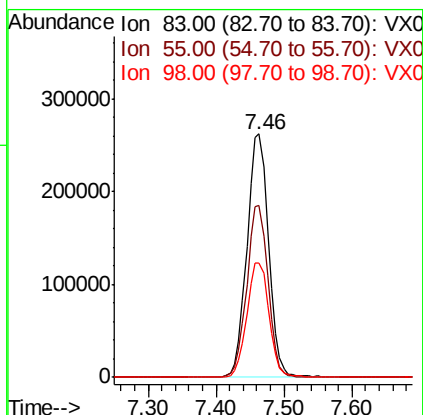
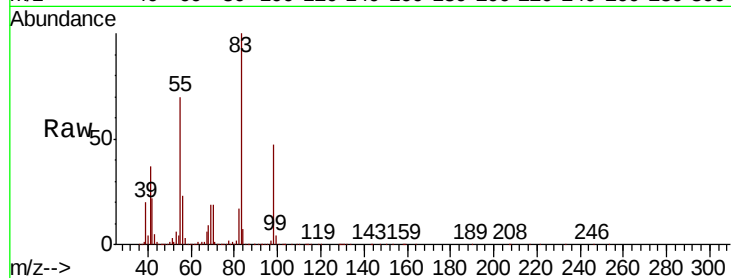




#39
Methvlcvclohexane
Concen: 48.532 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

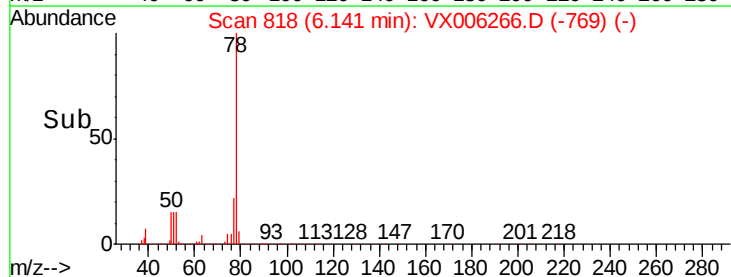
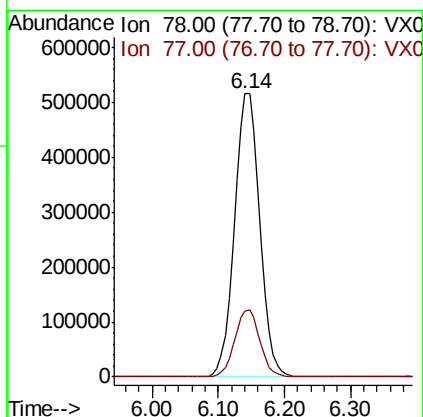
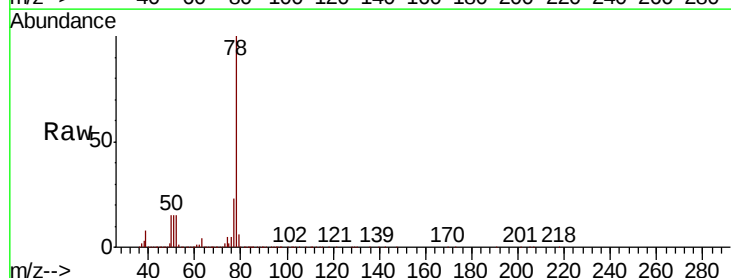
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

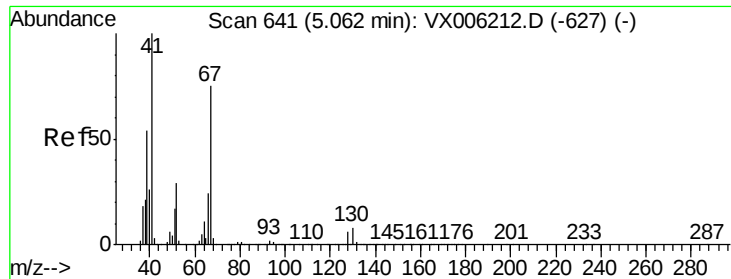
Tot Ion: 83 Resp: 581029
Ion Ratio Lower Upper
83 100
55 70.3 56.4 84.6
98 47.1 39.0 58.6



#40
Benzene
Concen: 49.273 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

Tgt Ion: 78 Resp: 1361130
Ion Ratio Lower Upper
78 100
77 23.1 19.2 28.8





#41

Methacrylonitrile

Concen: 47.073 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion: 41 Resp: 267540

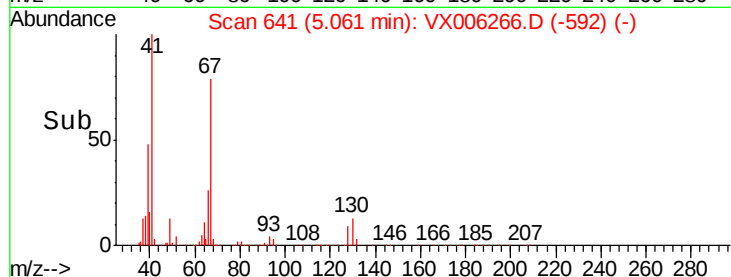
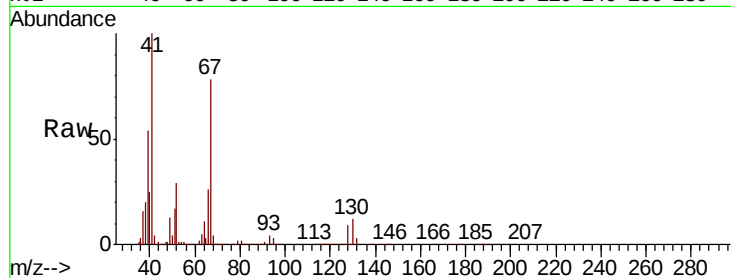
Ion Ratio Lower Upper

41 100

39 54.4 44.0 66.0

67 77.8 61.4 92.0

52 30.0 23.5 35.3

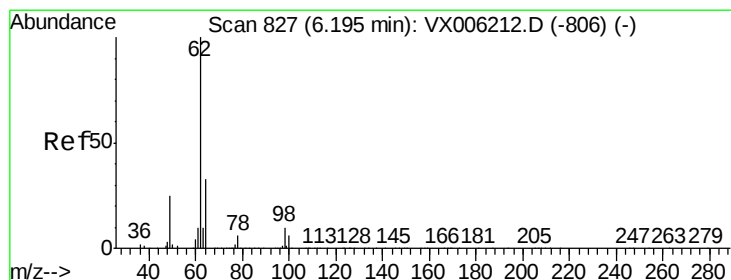
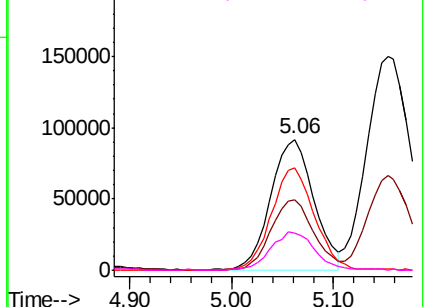


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 49.581 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX006266.D

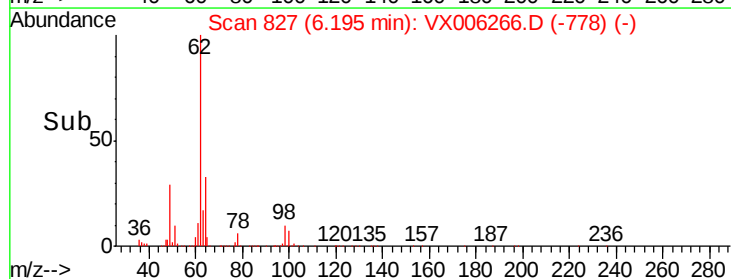
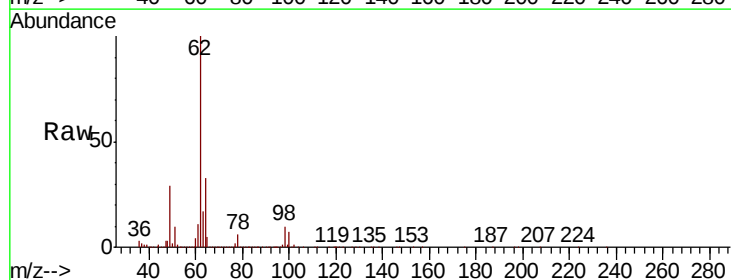
Acq: 03 Dec 2018 20:57

Tgt Ion: 62 Resp: 448258

Ion Ratio Lower Upper

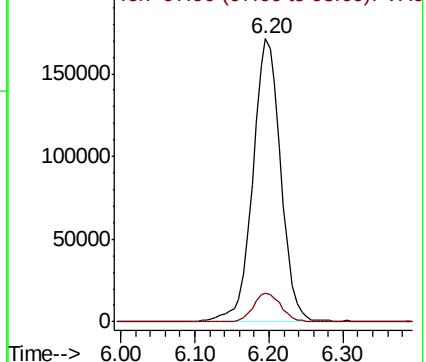
62 100

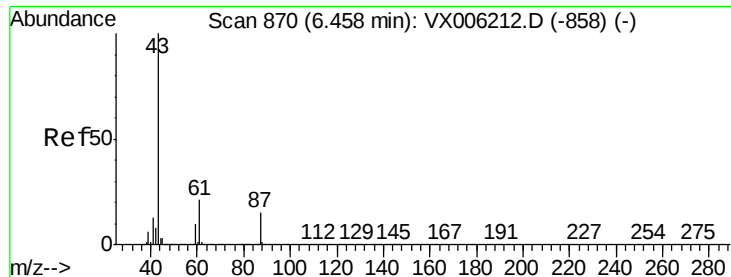
98 9.9 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



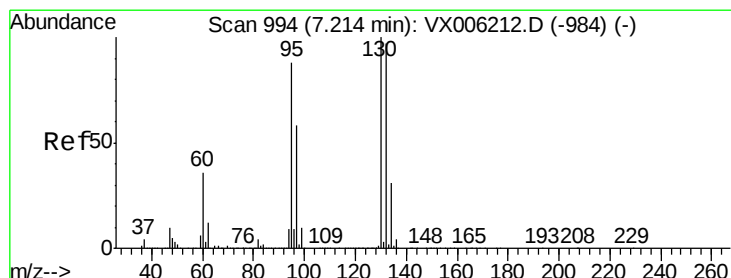
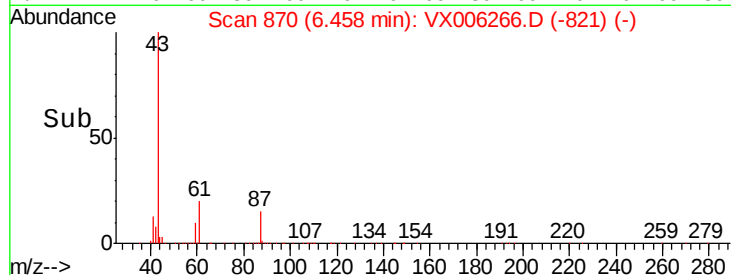
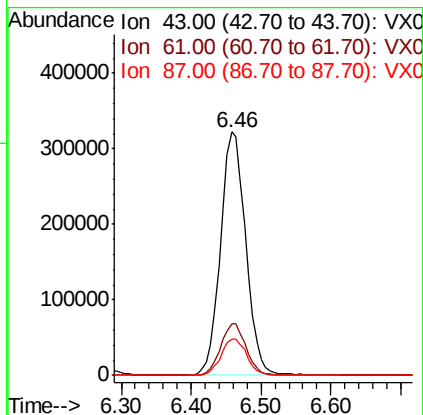
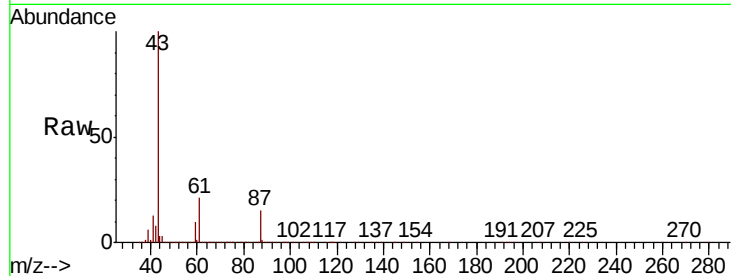


#43

Isopropyl Acetate
 Concen: 46.754 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX006266.D
 Acq: 03 Dec 2018 20:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

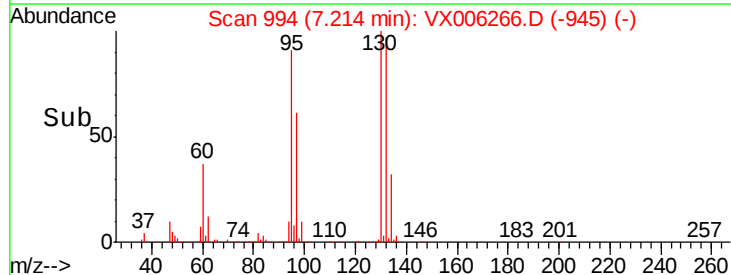
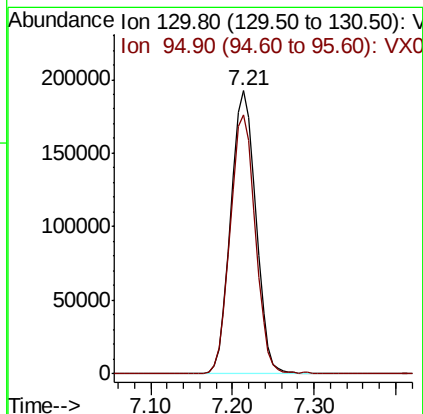
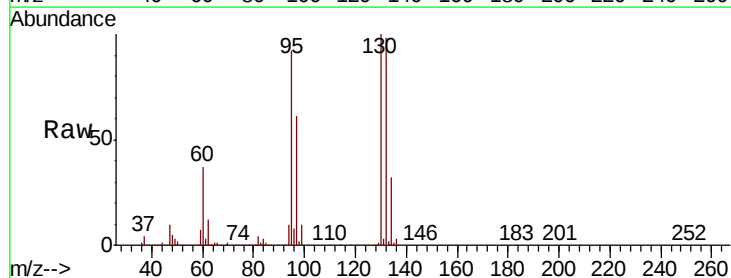
Tot Ion	43	Resp	805153
Ion Ratio	Lower	Upper	
43	100		
61	21.3	16.8	25.2
87	15.4	11.9	17.9



#44

Trichloroethene
 Concen: 48.877 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX006266.D
 Acq: 03 Dec 2018 20:57

Tgt Ion	130	Resp	409032
Ion Ratio	Lower	Upper	
130	100		
95	91.5	0.0	175.8





#45

1,2-Dichloropropane

Concen: 48.588 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

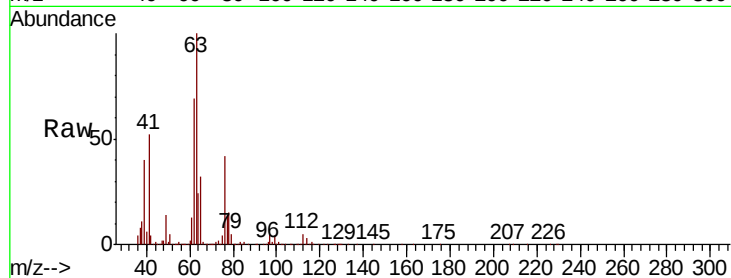
VSTDCCC050EC

Tot Ion: 63 Resp: 341131

Ion Ratio Lower Upper

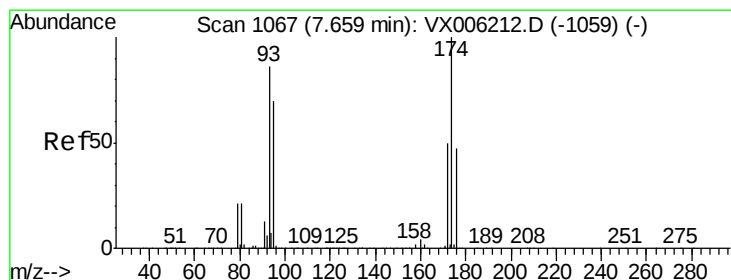
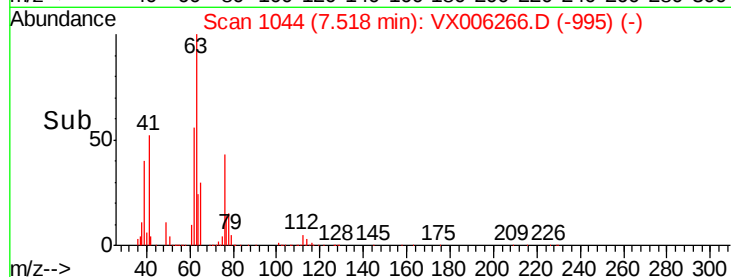
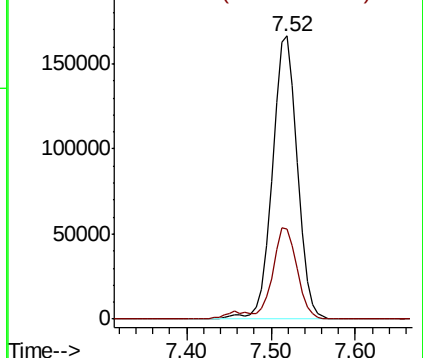
63 100

65 31.8 24.3 36.5



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 49.372 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

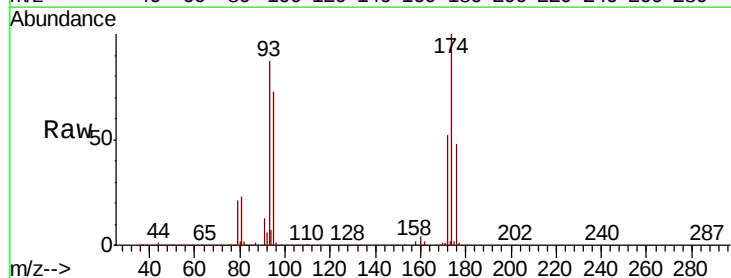
Tgt Ion: 93 Resp: 250344

Ion Ratio Lower Upper

93 100

95 83.4 66.2 99.4

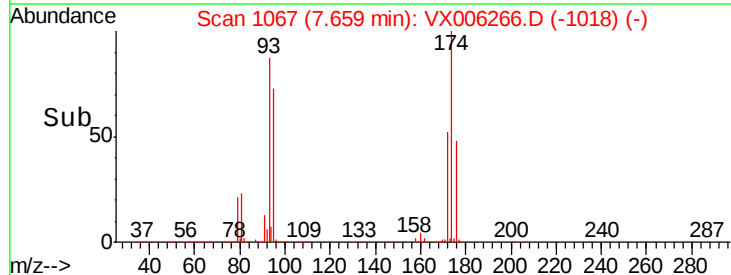
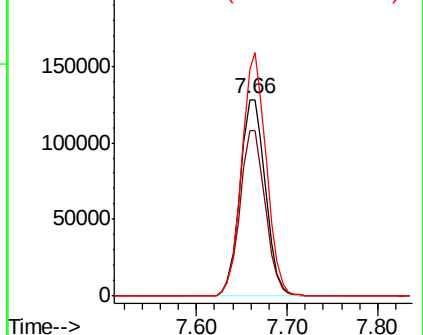
174 118.5 97.2 145.8

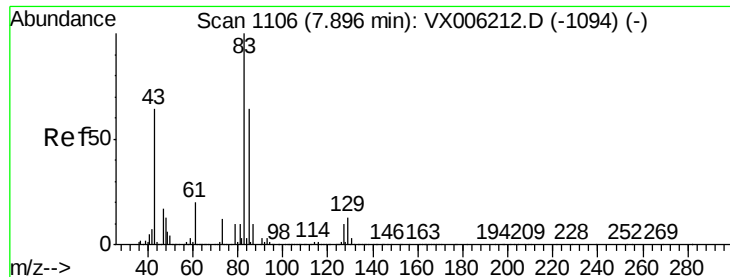


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 49.732 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.01 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

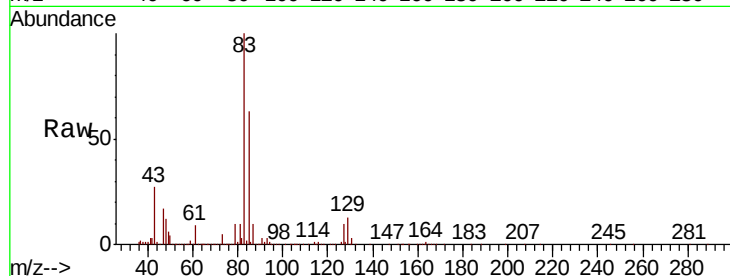
Tot Ion: 83 Resp: 488337

Ion Ratio Lower Upper

83 100

85 63.5 51.4 77.0

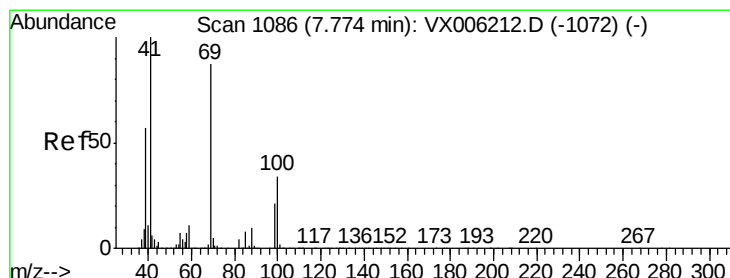
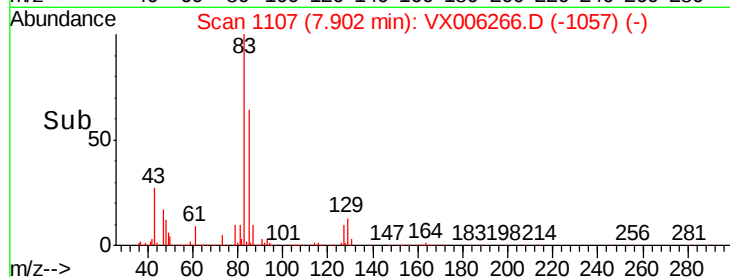
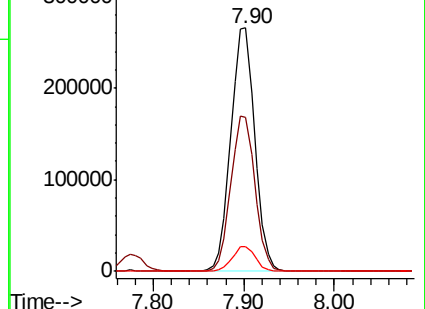
127 10.1 7.9 11.9



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: 47.089 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

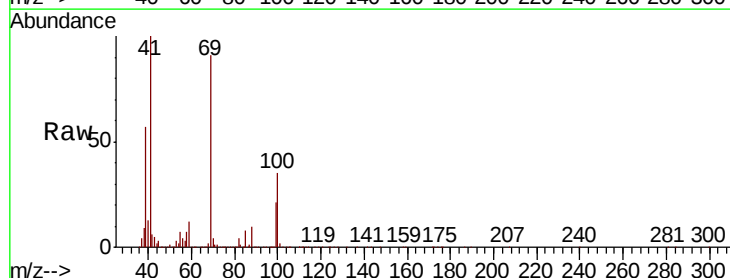
Tgt Ion: 41 Resp: 394507

Ion Ratio Lower Upper

41 100

69 91.4 70.3 105.5

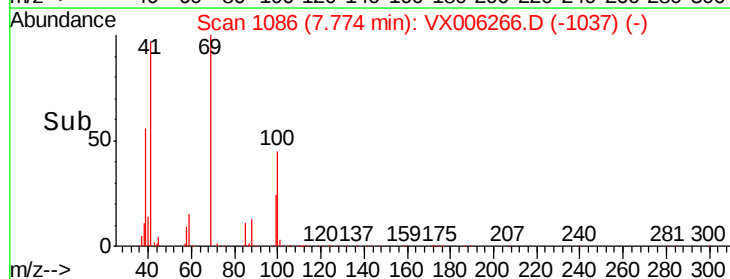
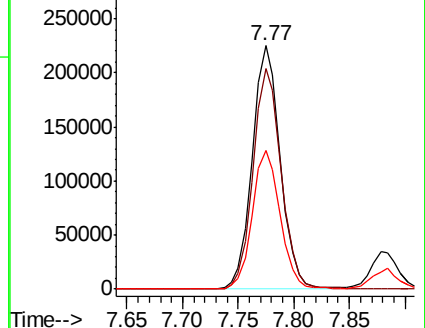
39 56.1 45.3 67.9

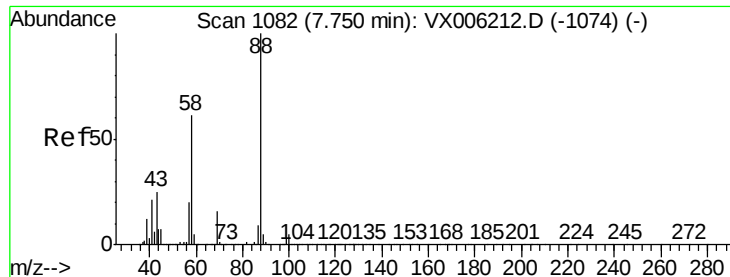


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 942.853 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

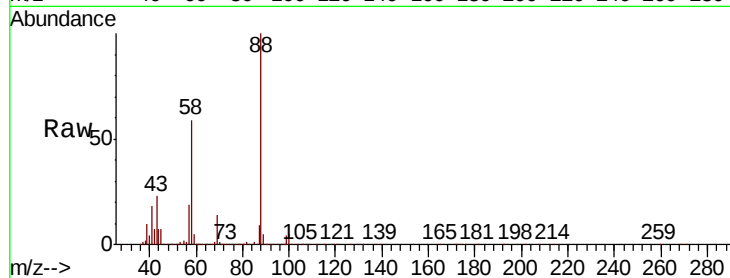
Tot Ion: 88 Resp: 194685

Ion Ratio Lower Upper

88 100

43 27.0 23.2 34.8

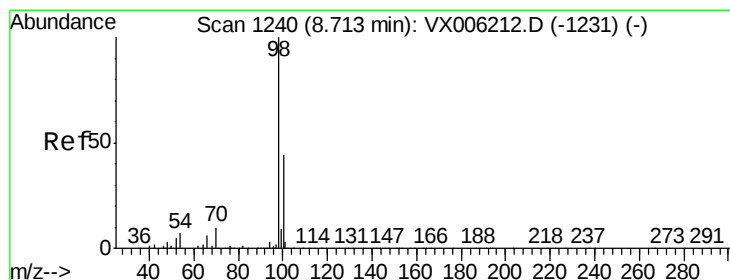
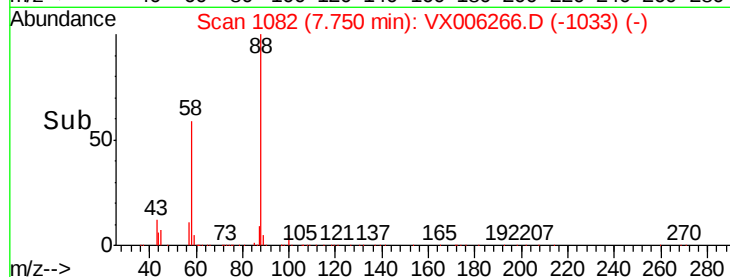
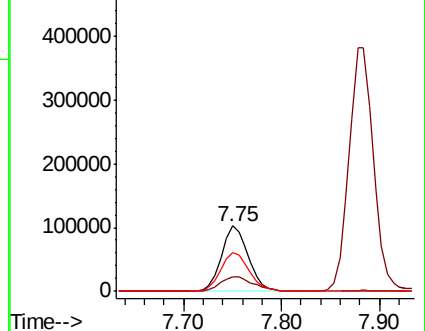
58 63.4 51.4 77.0



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 48.999 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006266.D

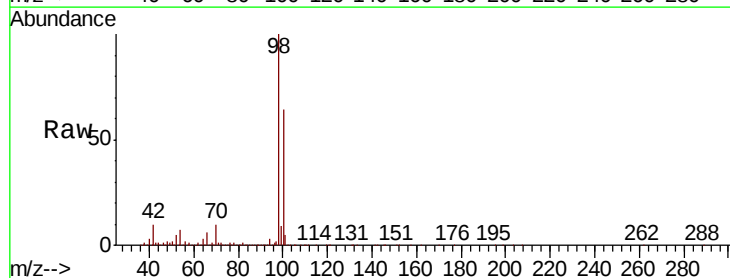
Acq: 03 Dec 2018 20:57

Tgt Ion: 98 Resp: 1263902

Ion Ratio Lower Upper

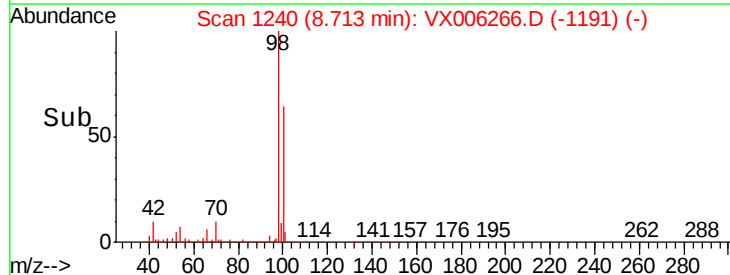
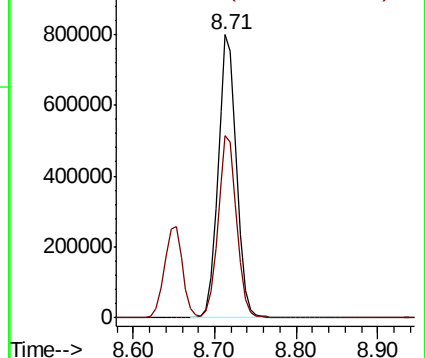
98 100

100 65.1 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 233.146 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

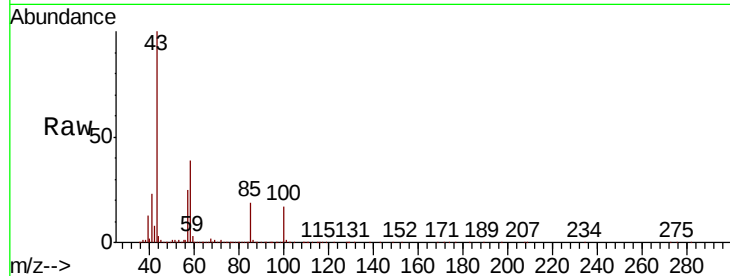
VSTDCCC050EC

Tot Ion: 43 Resp: 2337327

Ion Ratio Lower Upper

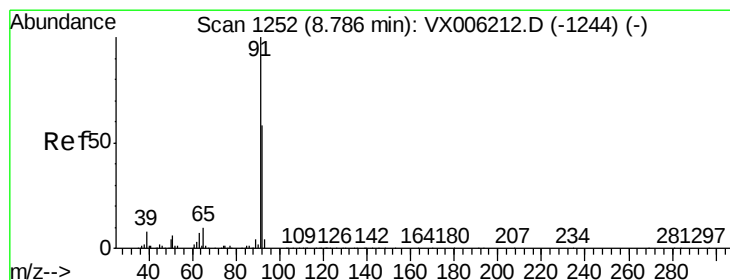
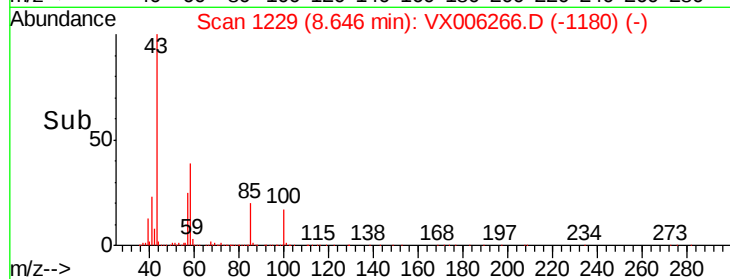
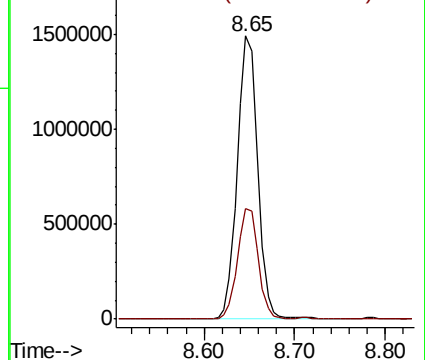
43 100

58 39.7 31.3 46.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 48.158 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX006266.D

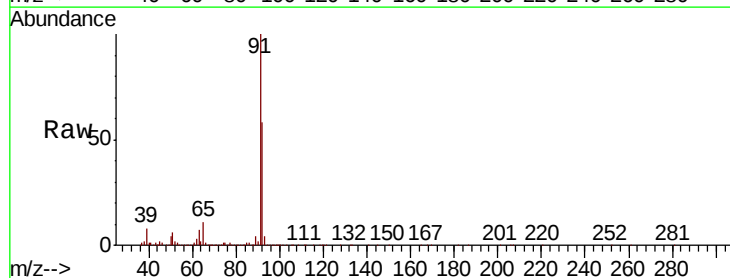
Acq: 03 Dec 2018 20:57

Tgt Ion: 92 Resp: 875223

Ion Ratio Lower Upper

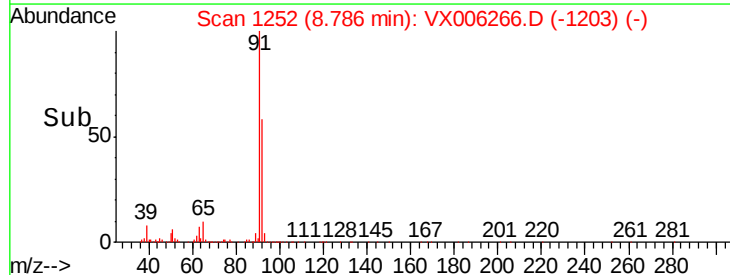
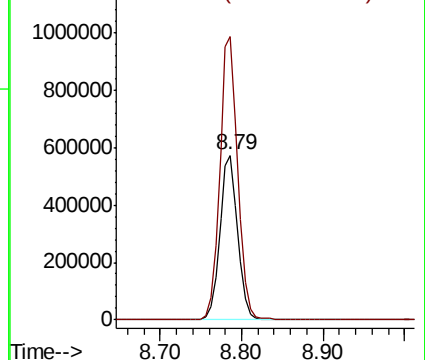
92 100

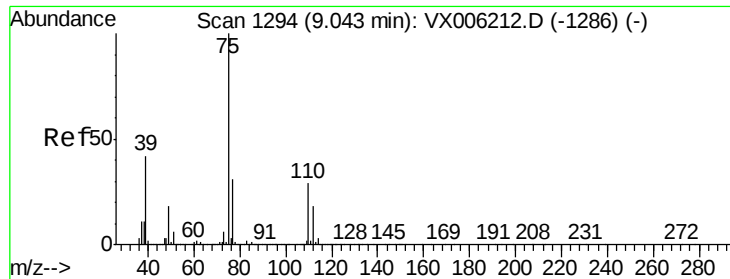
91 173.0 139.2 208.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 47.296 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

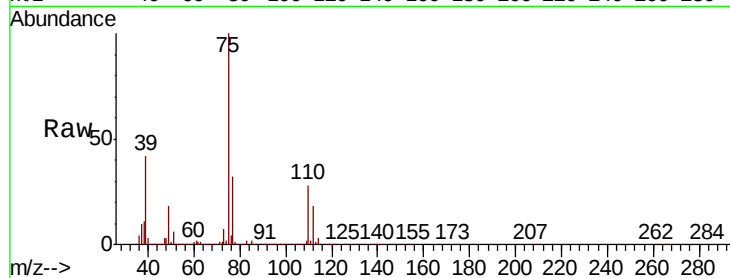
VSTDCCC050EC

Tot Ion: 75 Resp: 543128

Ion Ratio Lower Upper

75 100

77 31.6 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

400000

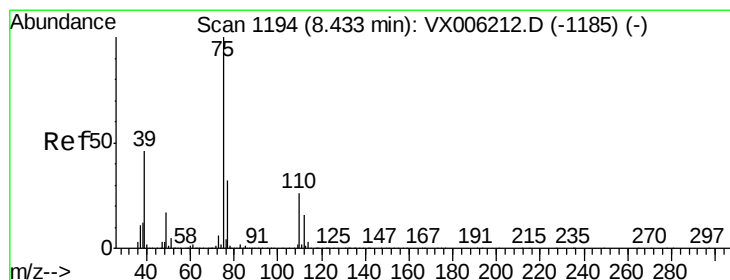
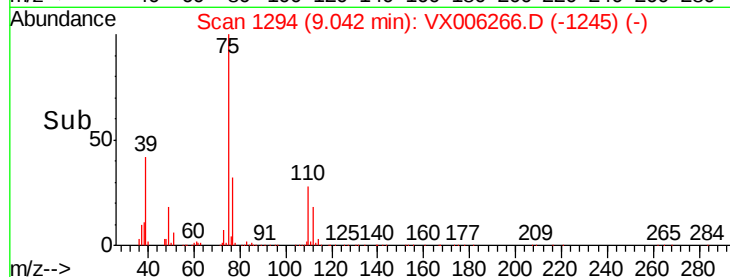
300000

200000

100000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 47.773 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

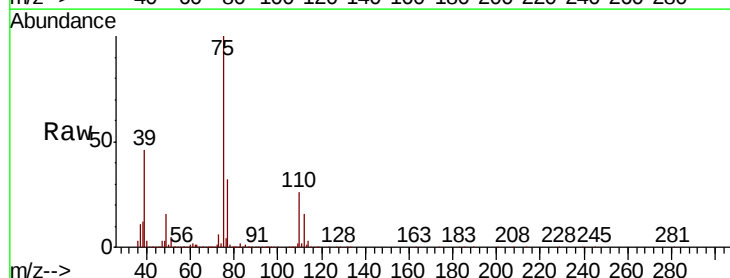
Tgt Ion: 75 Resp: 569674

Ion Ratio Lower Upper

75 100

77 31.6 25.6 38.4

39 46.2 36.5 54.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

8.43

400000

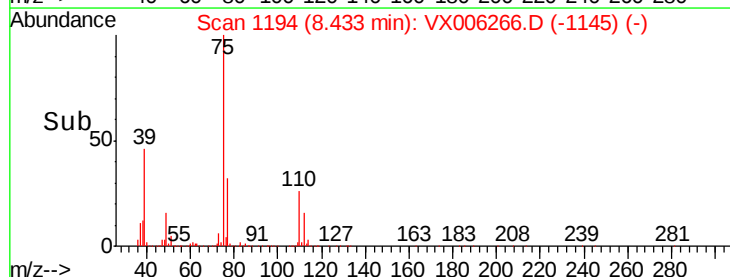
300000

200000

100000

0

Time-->

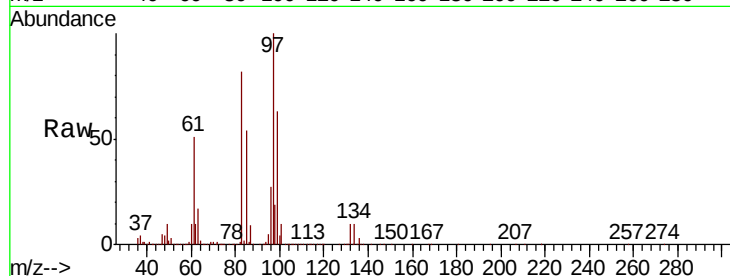




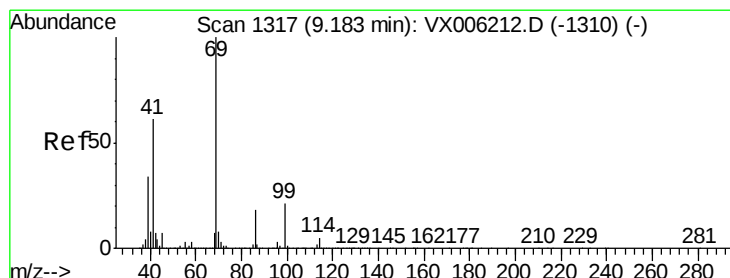
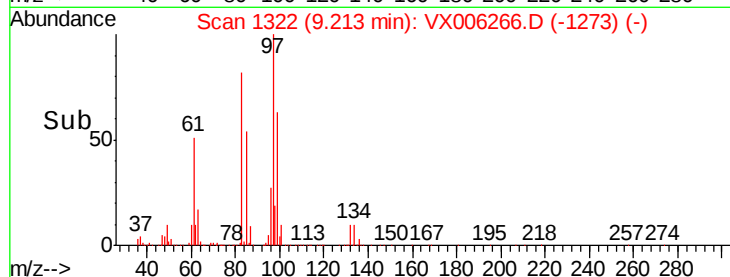
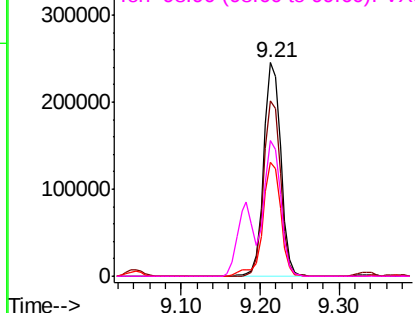
#55
 1,1,2-Trichloroethane
 Concen: 49.758 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX006266.D
 Acq: 03 Dec 2018 20:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:	97	Resp:	367381
Ion	Ratio	Lower	Upper
97	100		
83	81.8	67.1	100.7
85	53.6	43.2	64.8
99	63.3	49.8	74.6

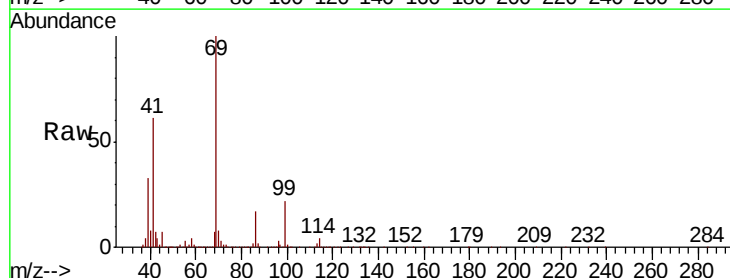


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

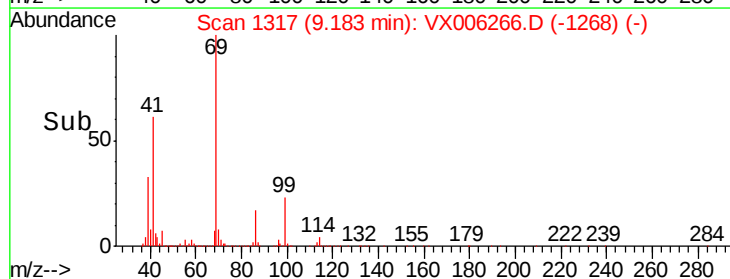
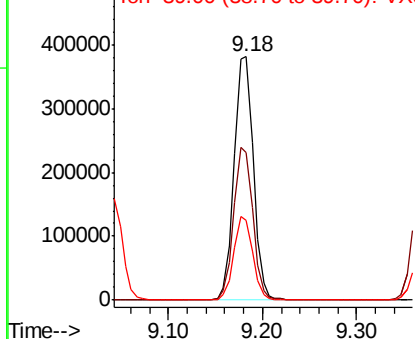


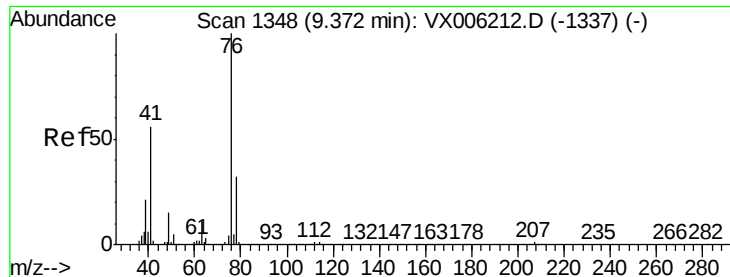
#56
 Ethyl methacrylate
 Concen: 46.978 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX006266.D
 Acq: 03 Dec 2018 20:57

Tgt Ion:	69	Resp:	542240
Ion	Ratio	Lower	Upper
69	100		
41	62.4	50.6	76.0
39	33.7	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: 49.420 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

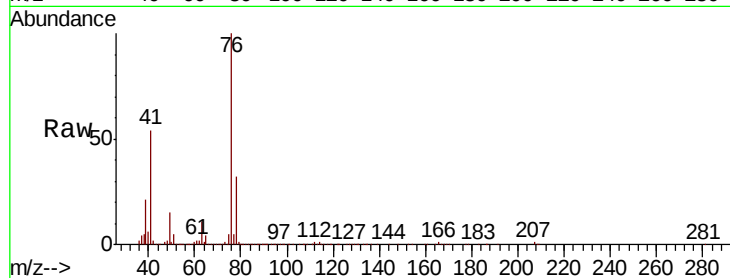
VSTDCCC050EC

Tot Ion: 76 Resp: 576986

Ion Ratio Lower Upper

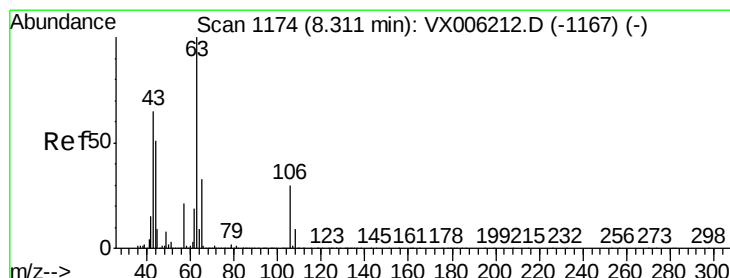
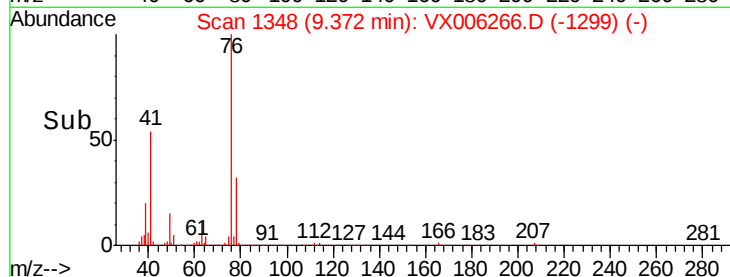
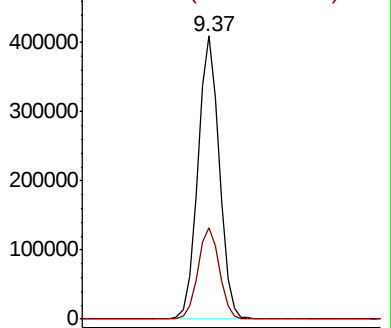
76 100

78 32.5 26.1 39.1



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 239.012 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX006266.D

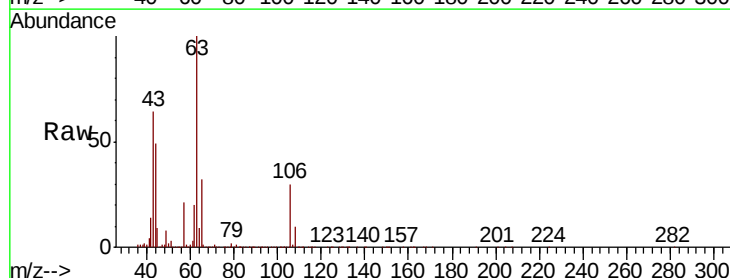
Acq: 03 Dec 2018 20:57

Tgt Ion: 63 Resp: 1399953

Ion Ratio Lower Upper

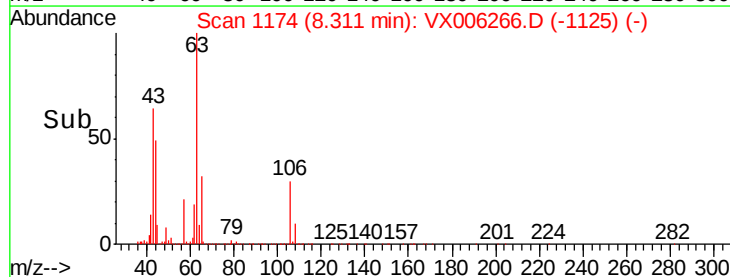
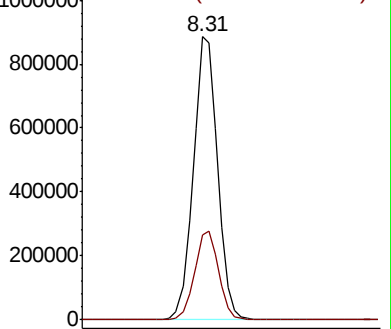
63 100

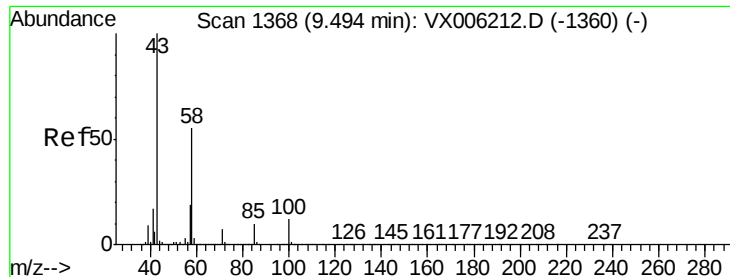
106 31.4 24.9 37.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

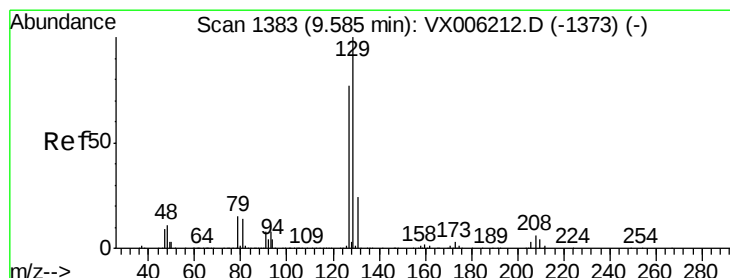
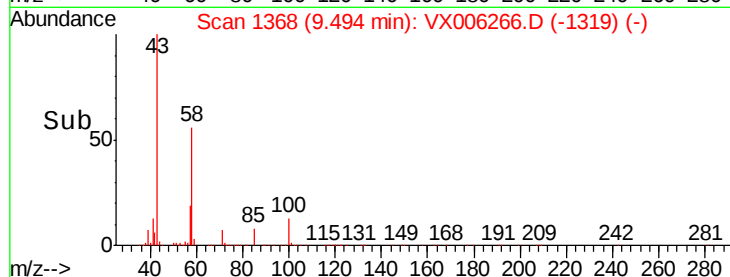
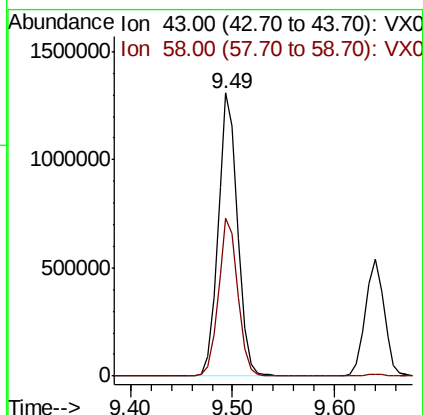
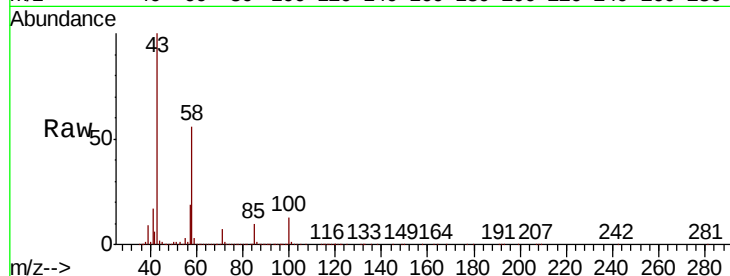




#59
2-Hexanone
Concen: 227.227 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

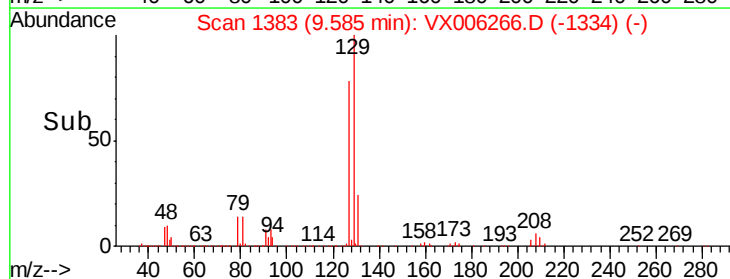
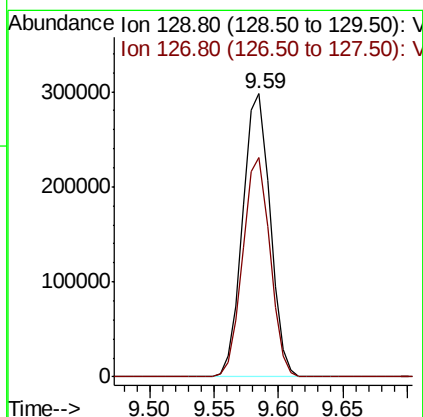
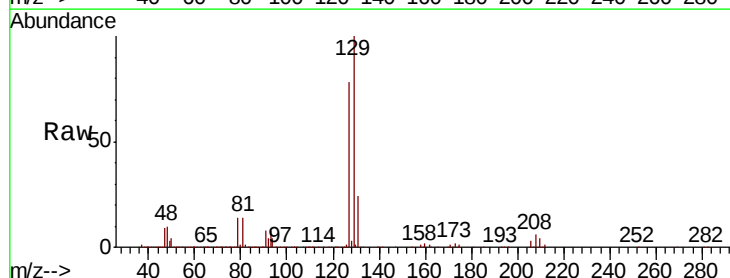
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 43 Resp: 1740388
Ion Ratio Lower Upper
43 100
58 55.9 27.7 83.1



#60
Dibromochloromethane
Concen: 48.177 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

Tgt Ion: 129 Resp: 438619
Ion Ratio Lower Upper
129 100
127 76.9 38.6 115.8





#61

1,2-Dibromoethane

Concen: 48.191 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

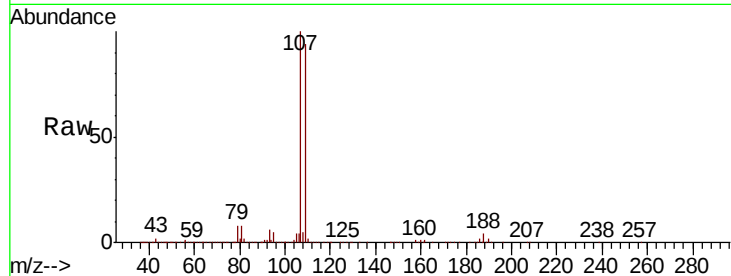
VSTDCCC050EC

Tot Ion:107 Resp: 397847

Ion Ratio Lower Upper

107 100

109 95.2 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

300000

250000

200000

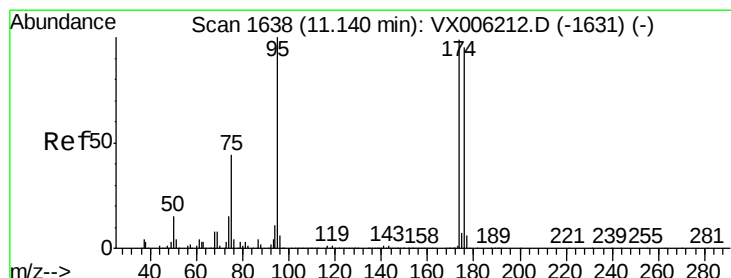
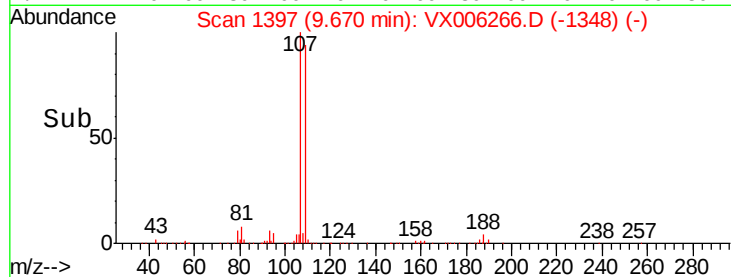
150000

100000

50000

0

Time--> 9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 46.773 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

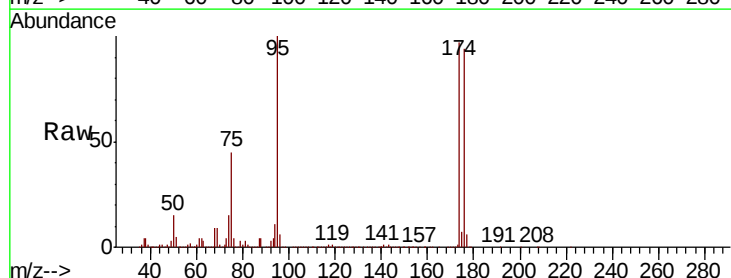
Tgt Ion: 95 Resp: 454632

Ion Ratio Lower Upper

95 100

174 90.7 0.0 187.0

176 88.4 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

11.14

400000

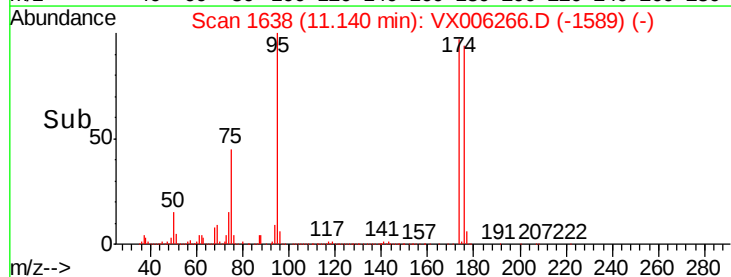
300000

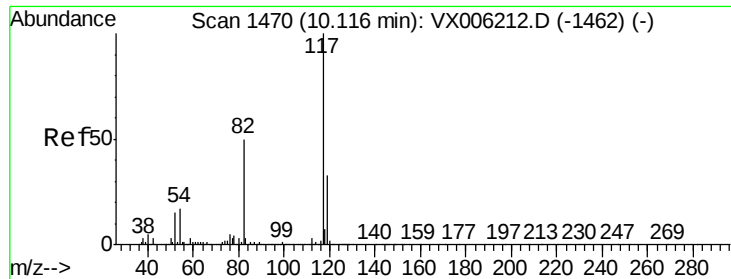
200000

100000

0

Time--> 11.05 11.10 11.15 11.20

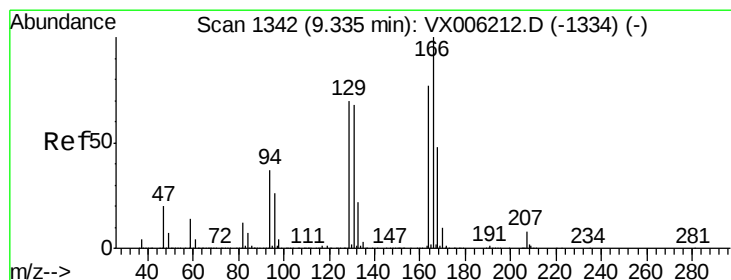
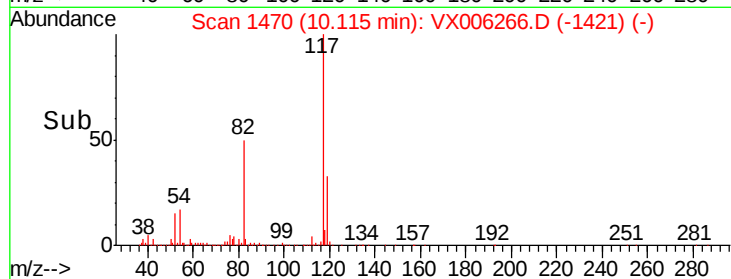
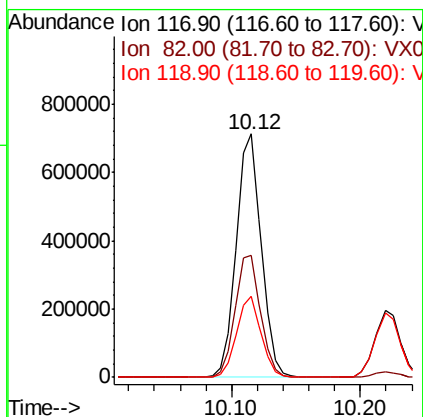
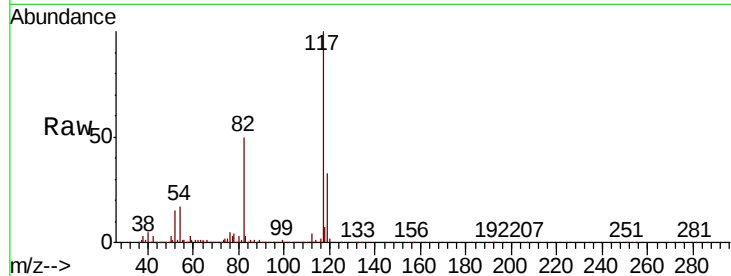




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

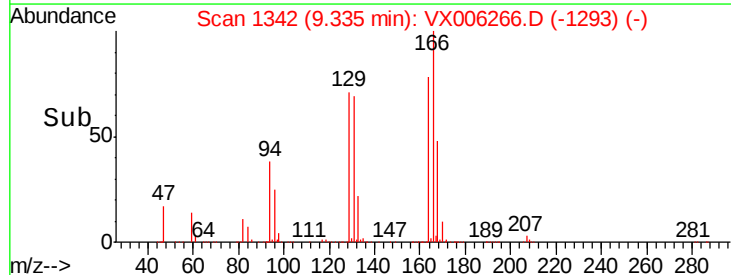
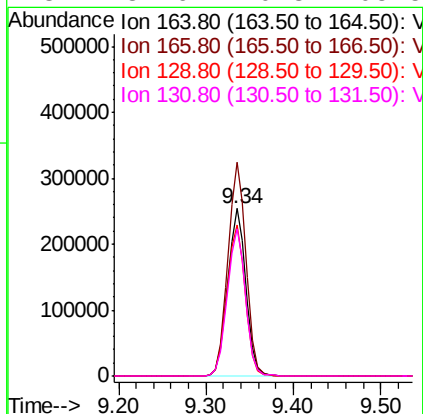
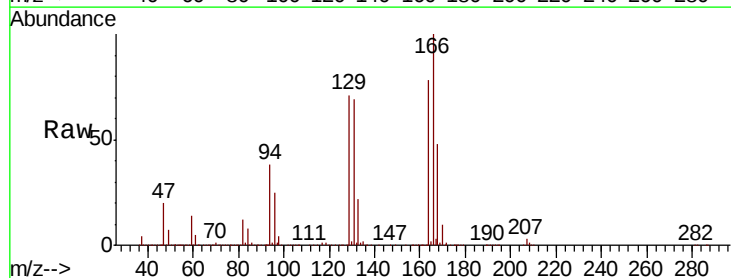
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

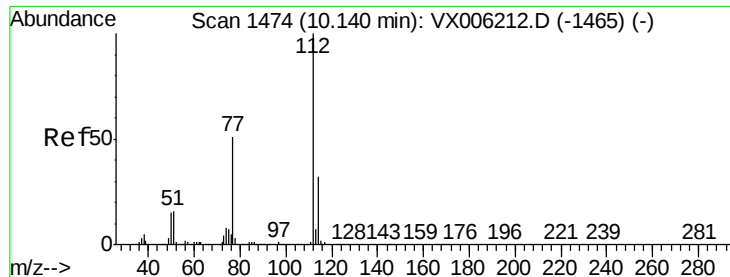
Tot Ion:117 Resp: 961896
Ion Ratio Lower Upper
117 100
82 50.0 39.6 59.4
119 33.2 26.3 39.5



#64
Tetrachloroethene
Concen: 50.643 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

Tgt Ion:164 Resp: 366852
Ion Ratio Lower Upper
164 100
166 127.5 104.2 156.2
129 90.0 72.6 108.8
131 87.6 70.3 105.5





#65

Chlorobenzene

Concen: 49.504 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

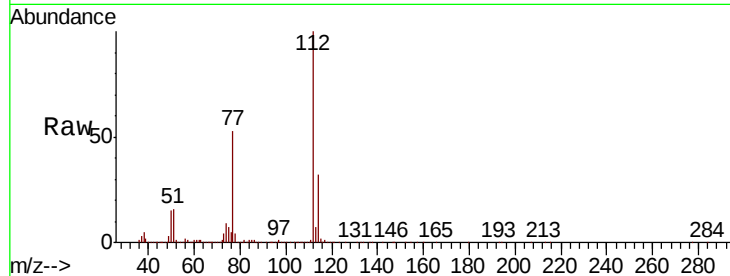
VSTDCCC050EC

Tot Ion:112 Resp: 1010822

Ion Ratio Lower Upper

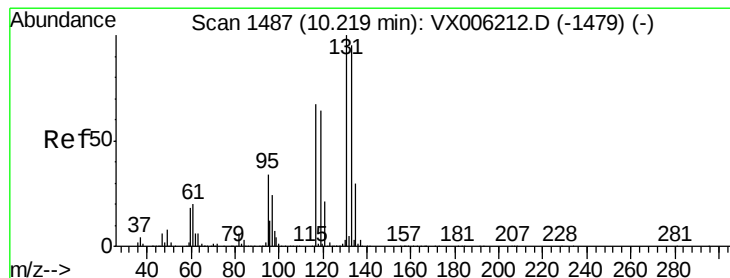
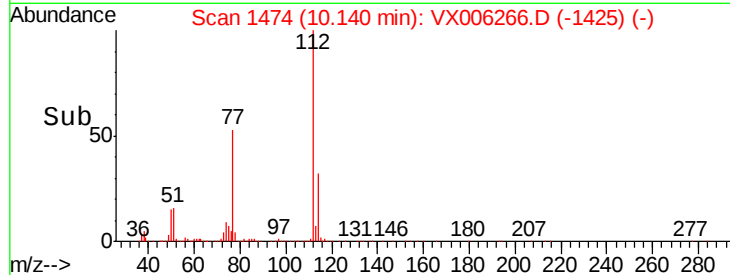
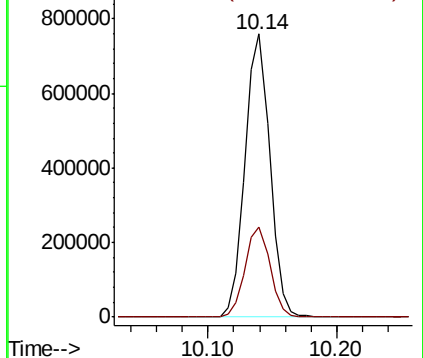
112 100

114 31.9 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: 50.254 ug/l

RT: 10.22 min Scan# 1487

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

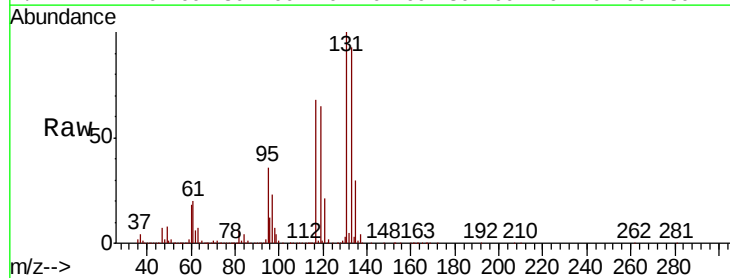
Tgt Ion:131 Resp: 398688

Ion Ratio Lower Upper

131 100

133 94.6 48.1 144.4

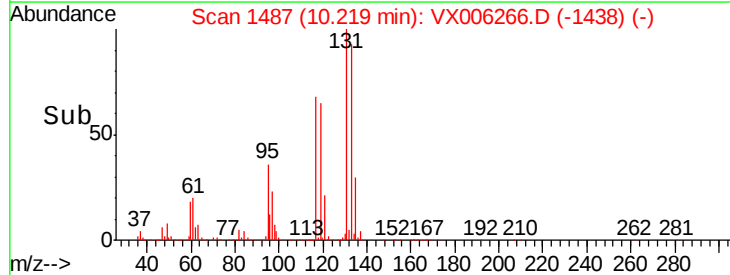
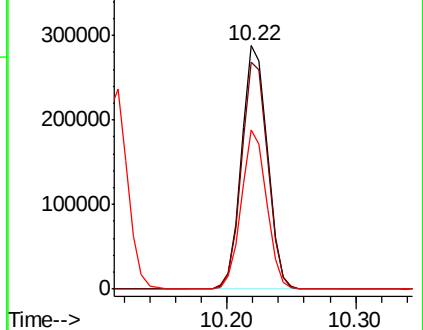
119 63.8 32.1 96.3

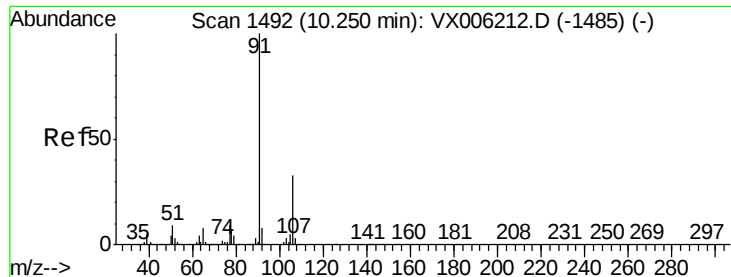


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

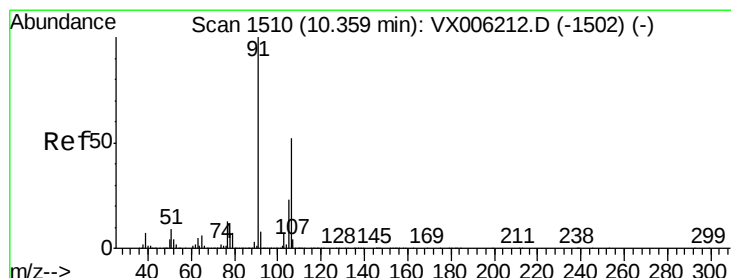
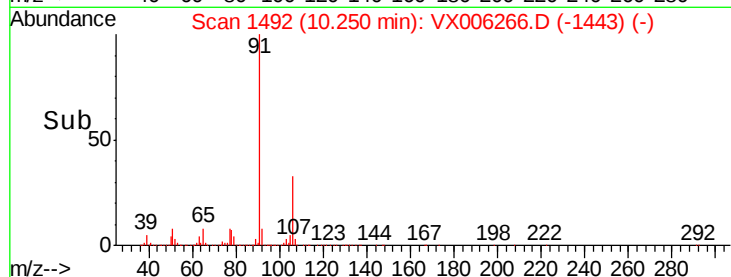
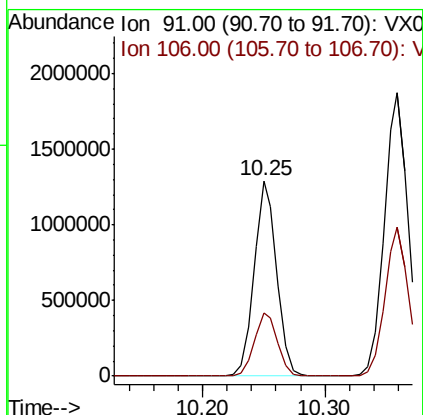
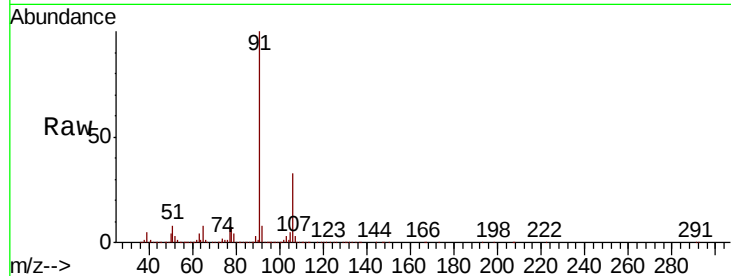




#67
Ethyl Benzene
Concen: 48.879 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

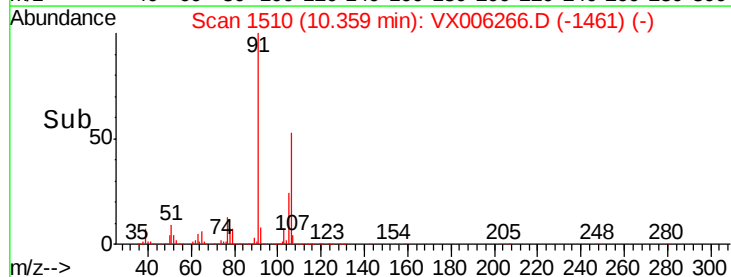
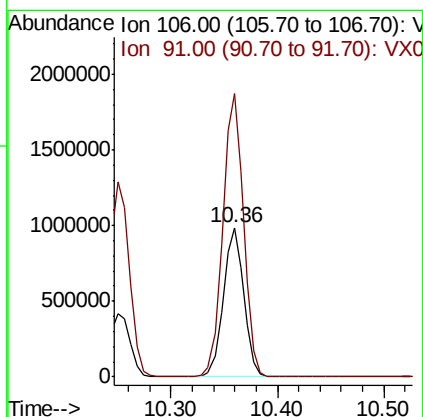
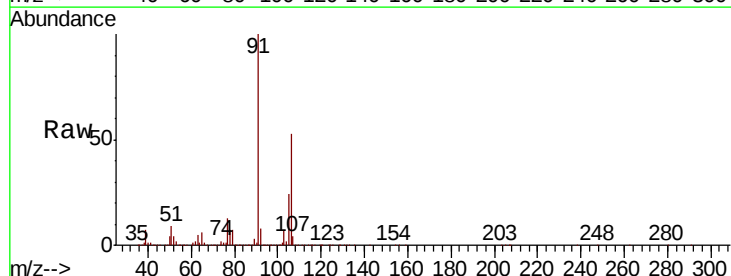
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

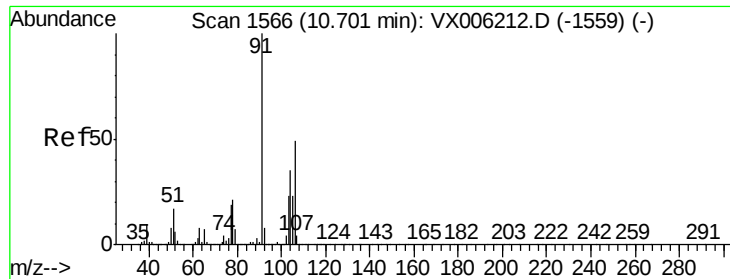
Tot Ion: 91 Resp: 1659980
Ion Ratio Lower Upper
91 100
106 32.5 26.5 39.7



#68
m/p-Xylenes
Concen: 96.530 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

Tgt Ion: 106 Resp: 1313167
Ion Ratio Lower Upper
106 100
91 193.2 155.2 232.8

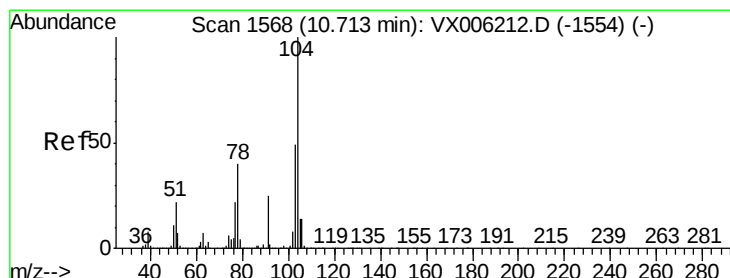
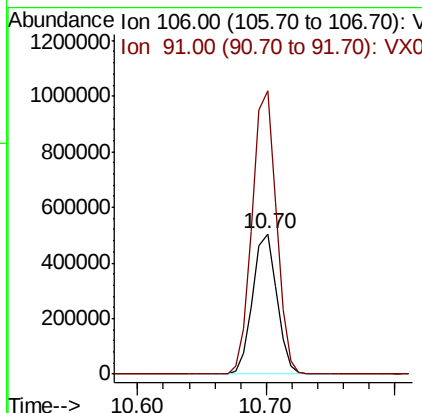
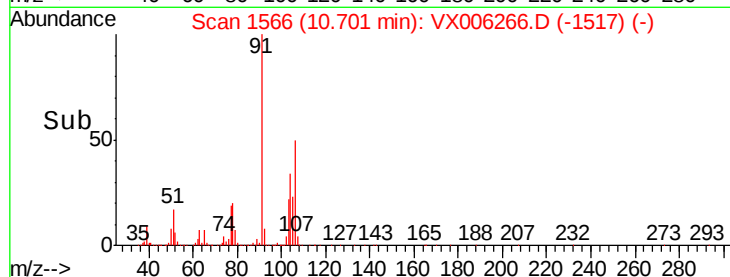
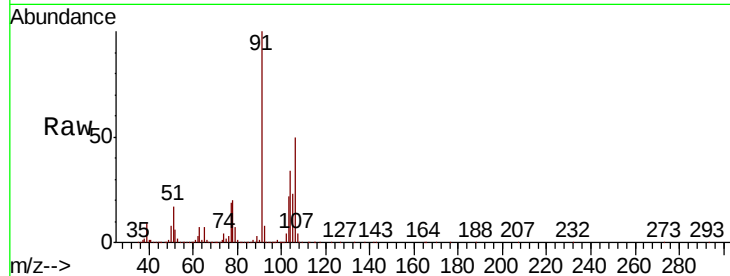




#69
o-Xylene
Concen: 48.274 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

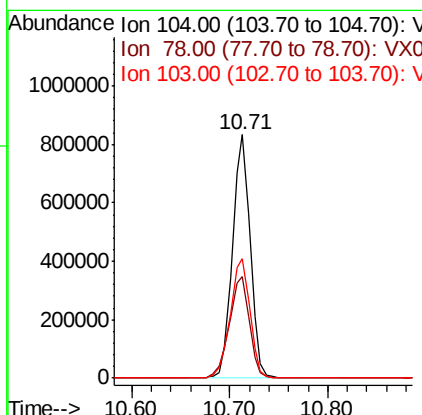
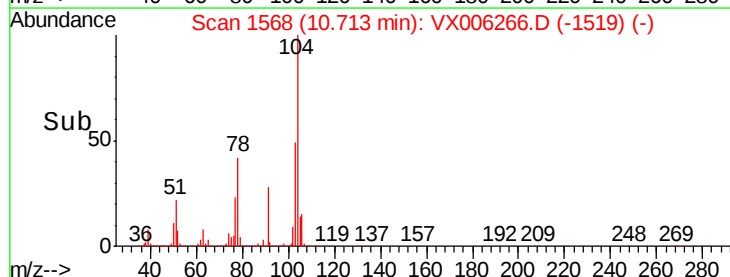
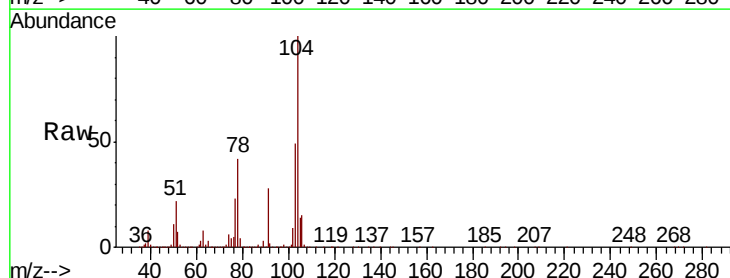
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

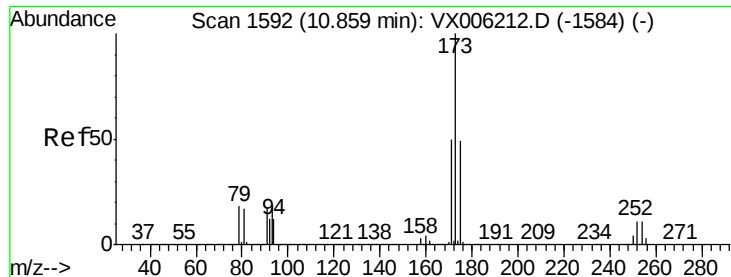
Tot Ion:106 Resp: 648663
Ion Ratio Lower Upper
106 100
91 202.5 101.8 305.6



#70
Styrene
Concen: 48.084 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

Tgt Ion:104 Resp: 1045009
Ion Ratio Lower Upper
104 100
78 47.3 37.2 55.8
103 54.8 43.5 65.3





#71

Bromoform

Concen: 47.147 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

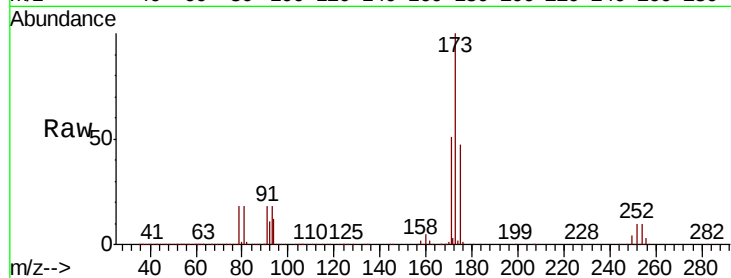
Tot Ion:173 Resp: 353090

Ion	Ratio	Lower	Upper
173	100		
175	47.8	24.6	73.8
254	0.1	0.2	0.2#

173 100

175 47.8 24.6 73.8

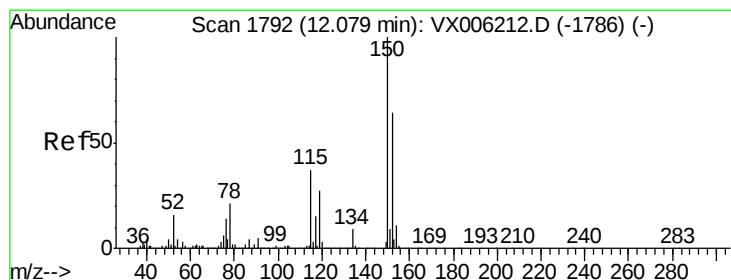
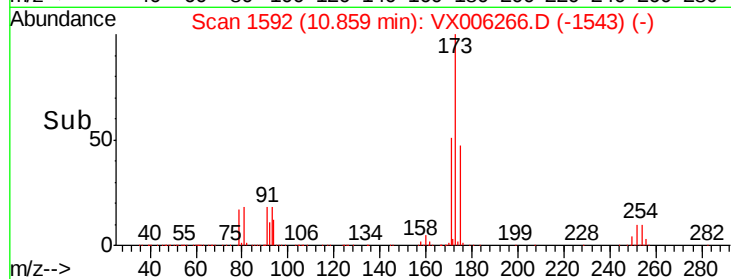
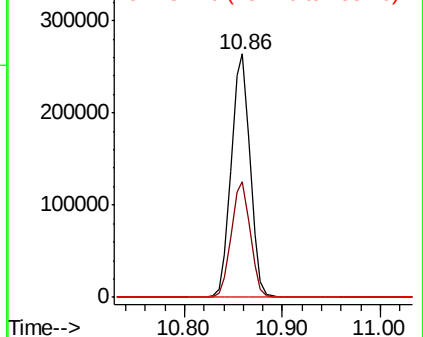
254 0.1 0.2 0.2#



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: VX006266.D

Acq: 03 Dec 2018 20:57

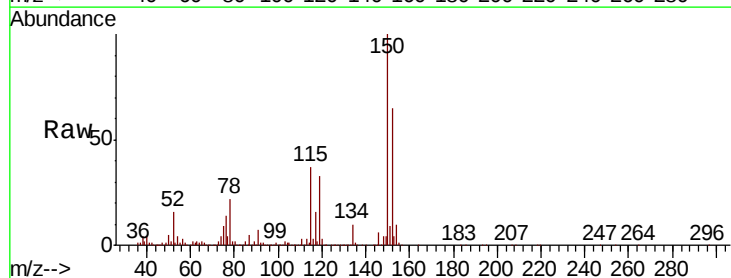
Tgt Ion:152 Resp: 482180

Ion	Ratio	Lower	Upper
152	100		
115	77.9	39.0	116.9
150	172.8	0.0	345.8

152 100

115 77.9 39.0 116.9

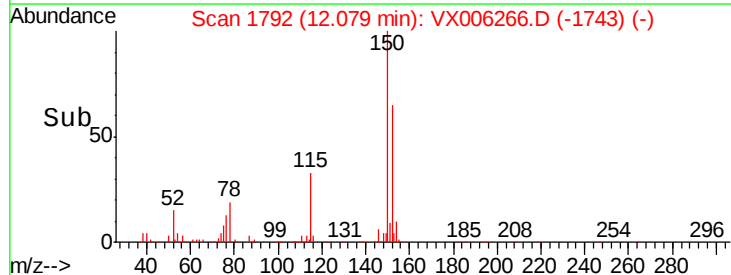
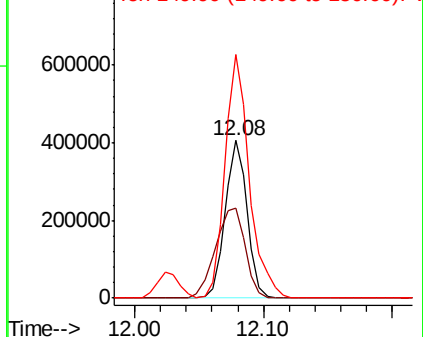
150 172.8 0.0 345.8

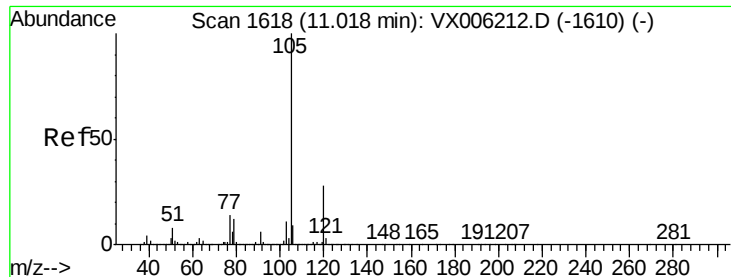


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 51.113 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

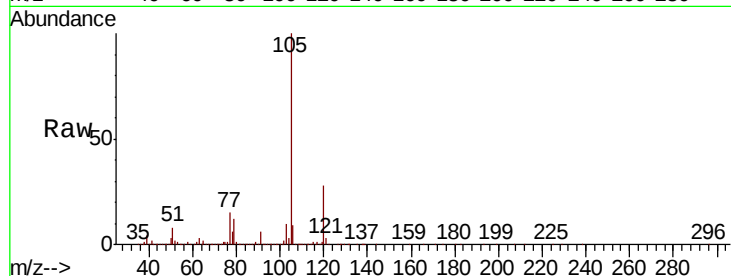
VSTDCCC050EC

Tot Ion:105 Resp: 1702014

Ion Ratio Lower Upper

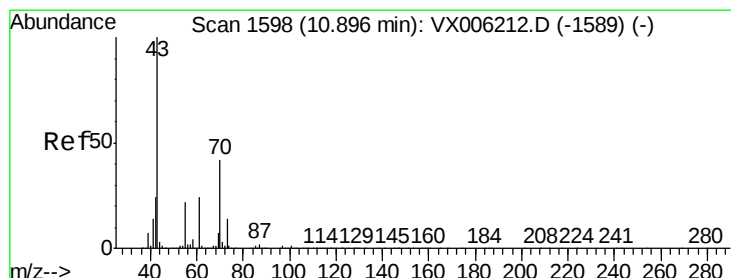
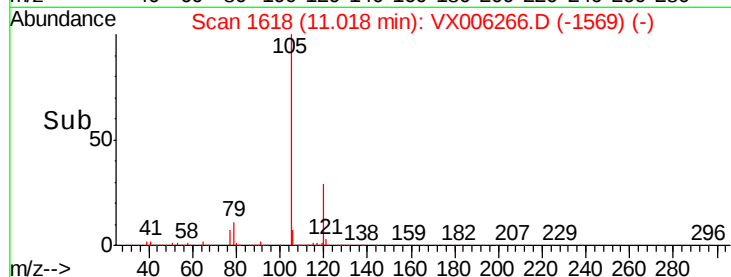
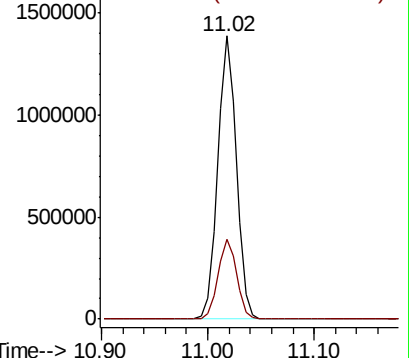
105 100

120 28.3 14.1 42.3



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 47.592 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Tgt Ion: 43 Resp: 682428

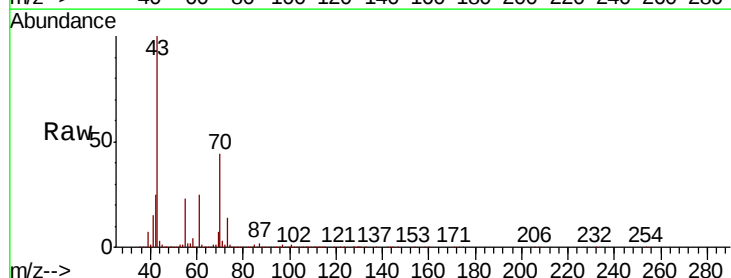
Ion Ratio Lower Upper

43 100

70 43.6 34.1 51.1

55 23.0 17.8 26.8

61 24.9 19.7 29.5

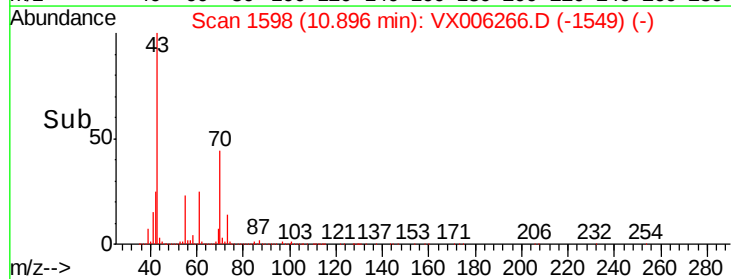
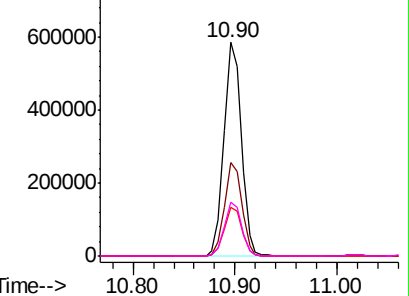


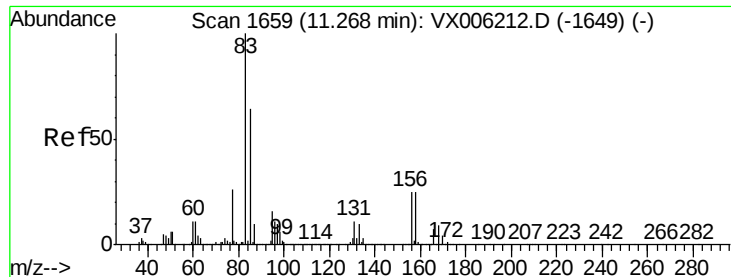
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 49.450 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

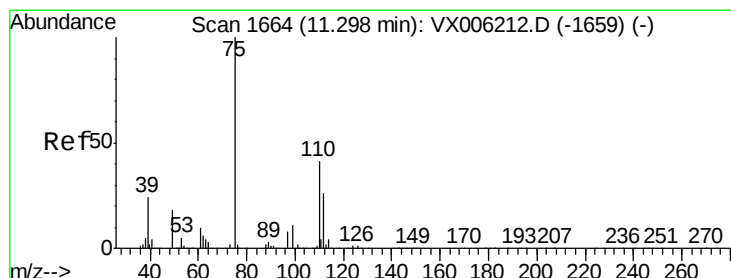
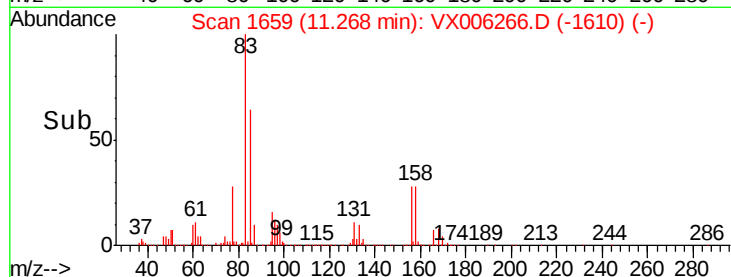
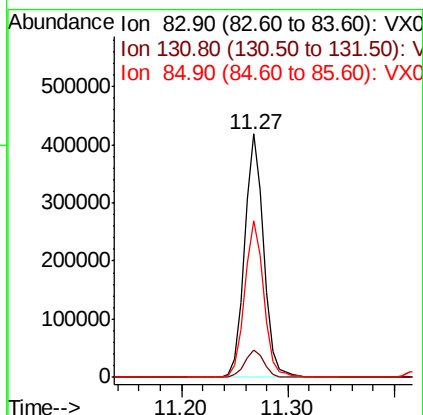
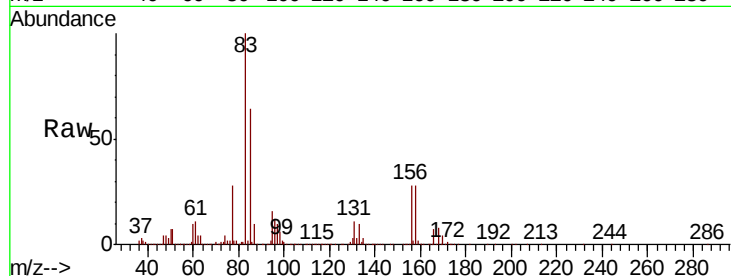
Tot Ion: 83 Resp: 526788

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.1

85 64.7 32.1 96.5



#76

1,2,3-Trichloropropane

Concen: 66.713 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX006266.D

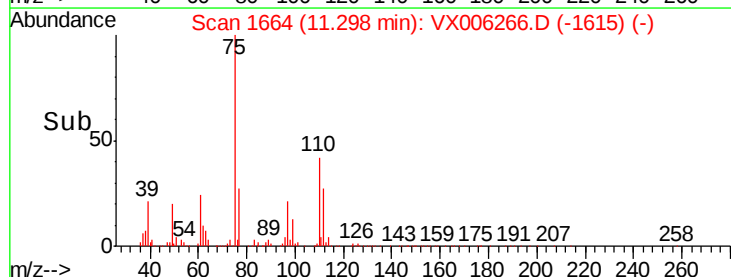
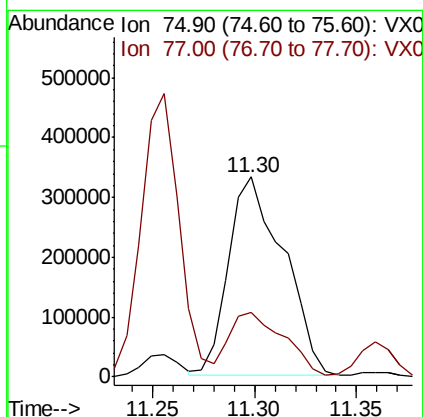
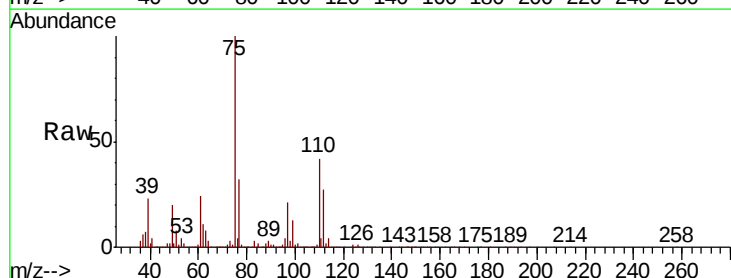
Acq: 03 Dec 2018 20:57

Tgt Ion: 75 Resp: 620892

Ion Ratio Lower Upper

75 100

77 32.1 19.9 59.7





#77

Bromobenzene

Concen: 49.586 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

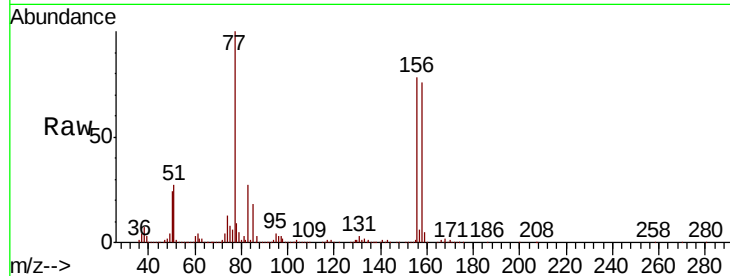
Tot Ion:156 Resp: 458220

Ion Ratio Lower Upper

156 100

77 133.7 66.2 198.6

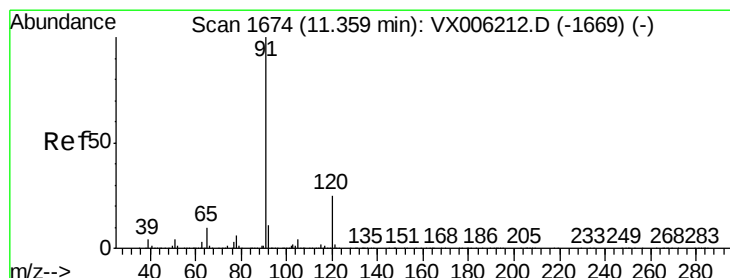
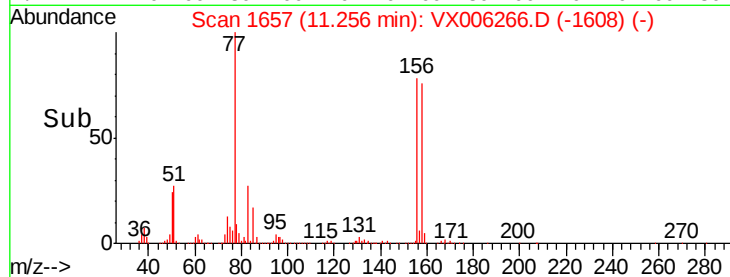
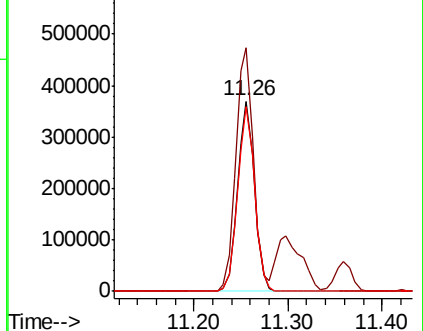
158 97.6 48.8 146.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.719 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX006266.D

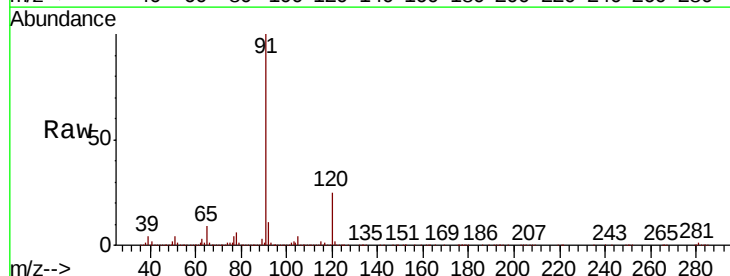
Acq: 03 Dec 2018 20:57

Tgt Ion: 91 Resp: 1877368

Ion Ratio Lower Upper

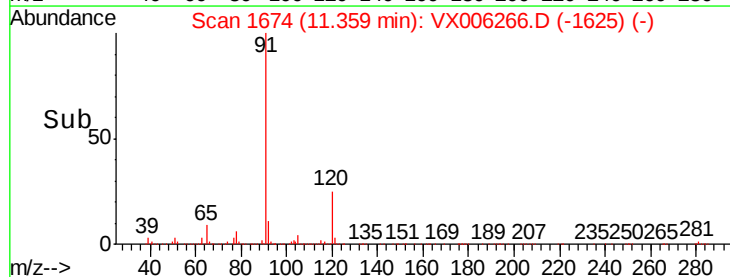
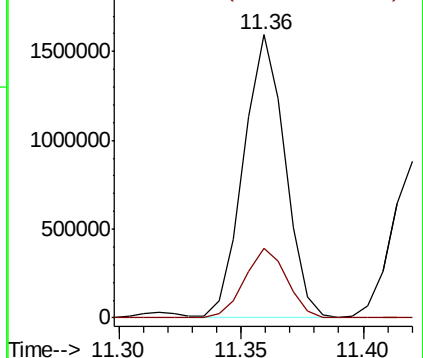
91 100

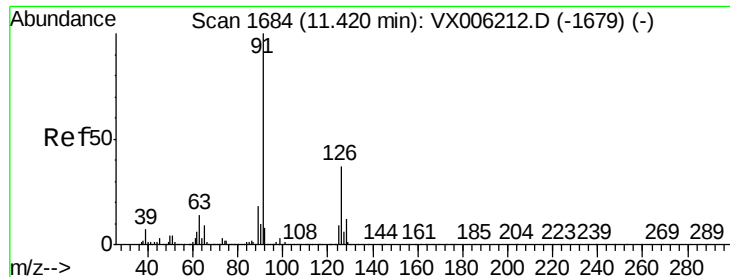
120 25.2 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.915 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

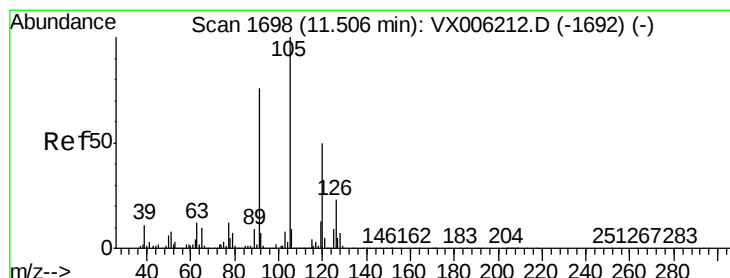
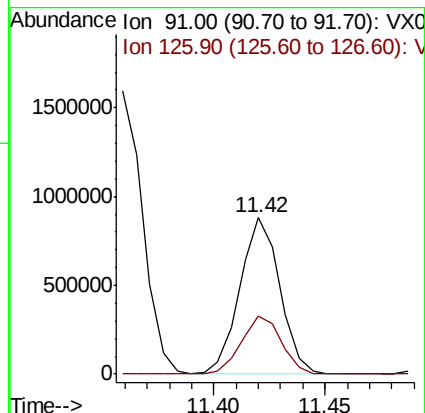
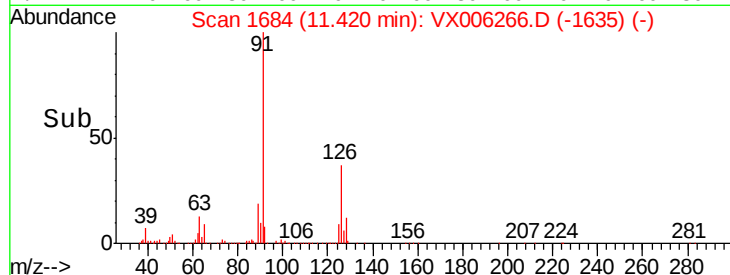
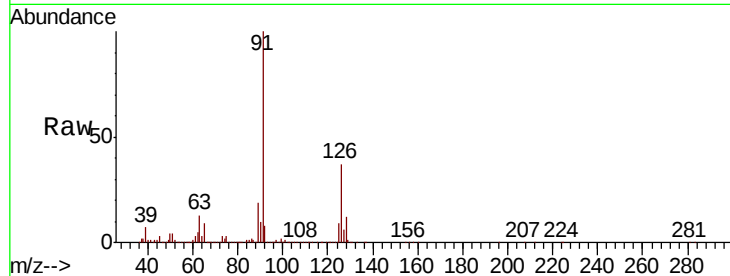
VSTDCCC050EC

Tot Ion: 91 Resp: 1098136

Ion Ratio Lower Upper

91 100

126 37.4 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 49.817 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX006266.D

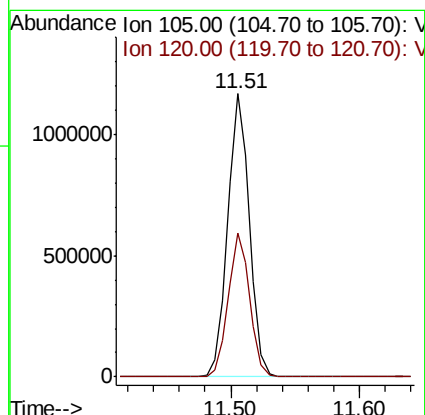
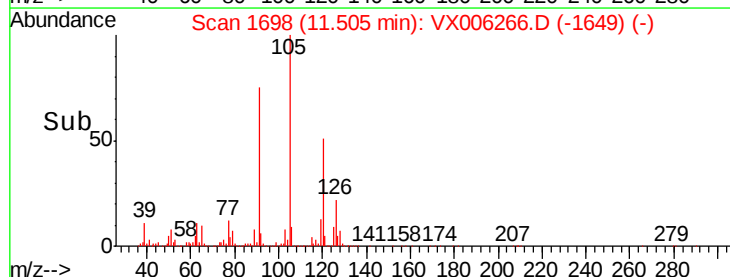
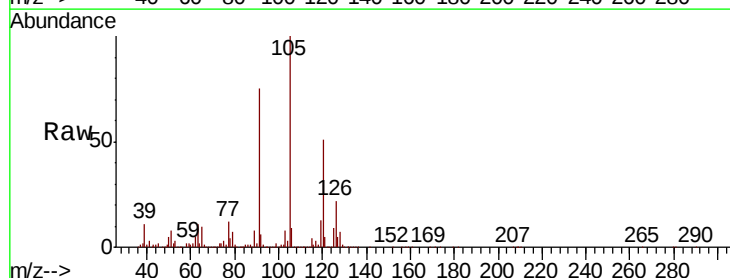
Acq: 03 Dec 2018 20:57

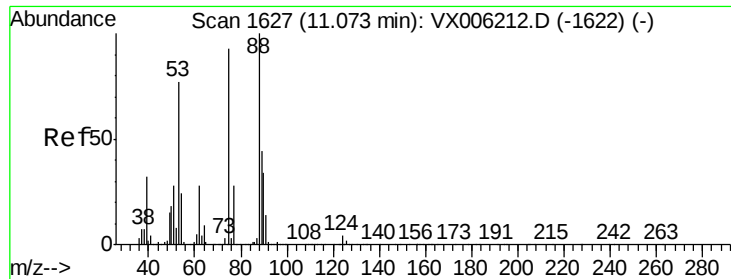
Tgt Ion:105 Resp: 1380201

Ion Ratio Lower Upper

105 100

120 50.5 25.4 76.0





#81

trans-1,4-Dichloro-2-butene

Concen: 46.445 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

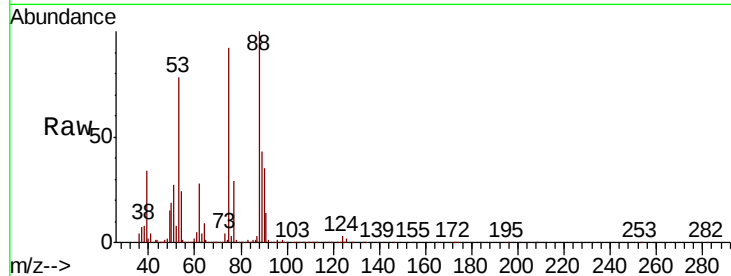
Tot Ion: 75 Resp: 184195

Ion Ratio Lower Upper

75 100

53 82.4 64.4 96.6

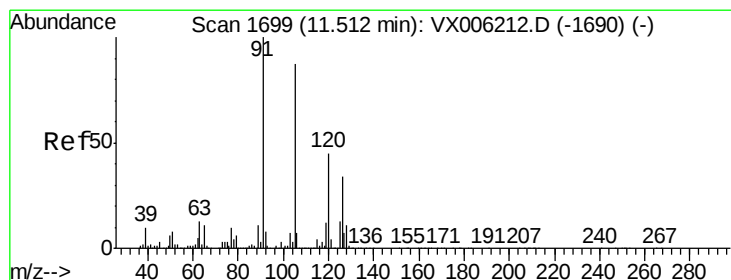
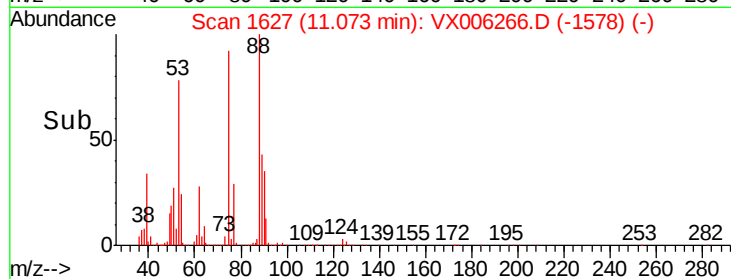
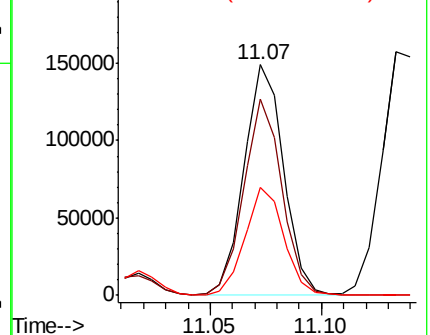
89 46.5 44.2 66.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 49.470 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX006266.D

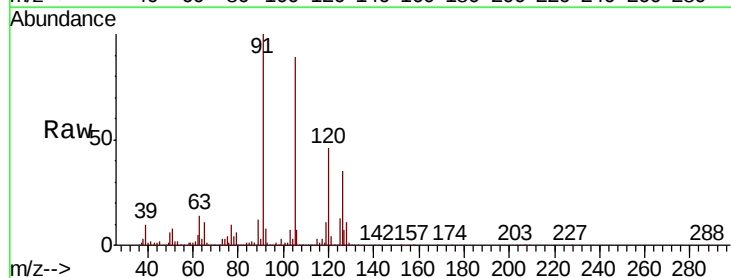
Acq: 03 Dec 2018 20:57

Tgt Ion: 91 Resp: 1265381

Ion Ratio Lower Upper

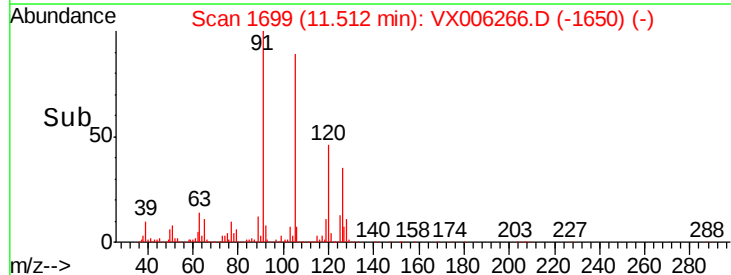
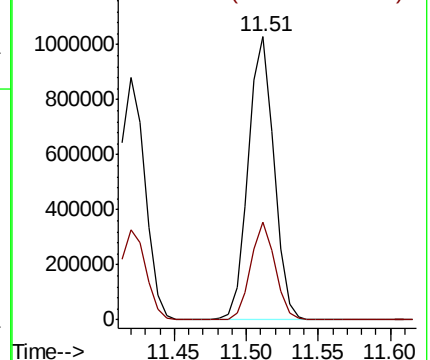
91 100

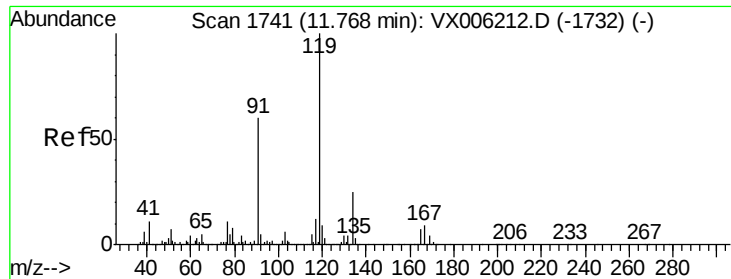
126 32.6 16.4 49.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

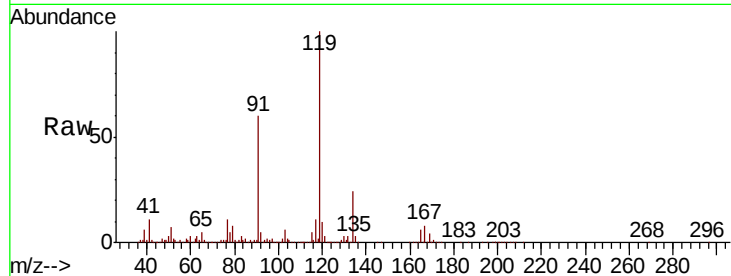




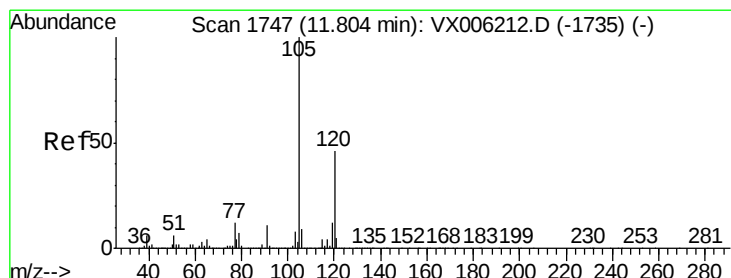
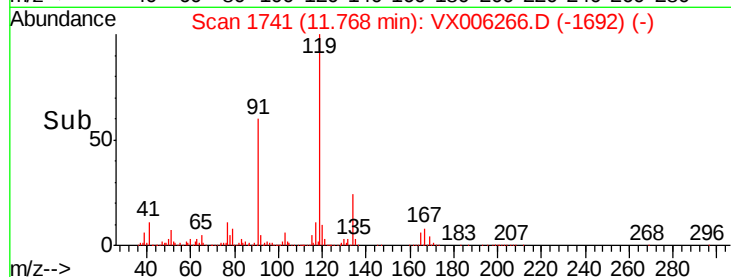
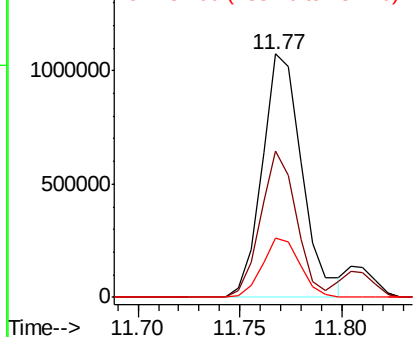
#83
tert-Butylbenzene
Concen: 49.555 ug/l
RT: 11.77 min Scan# 1741
Delta R.T. -0.00 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion:119 Resp: 1464876
Ion Ratio Lower Upper
119 100
91 53.8 26.4 79.2
134 23.1 11.6 34.7

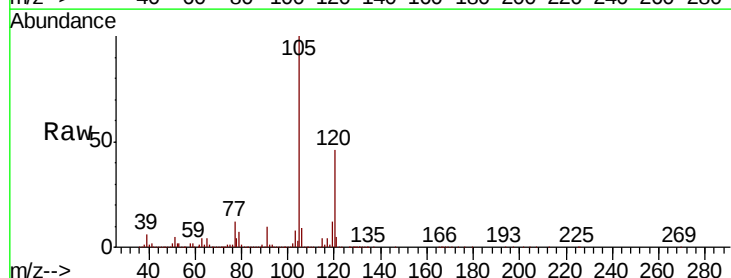


Abundance Ion 119.00 (118.70 to 119.70): V
Ion 91.00 (90.70 to 91.70): VX
Ion 134.00 (133.70 to 134.70): V

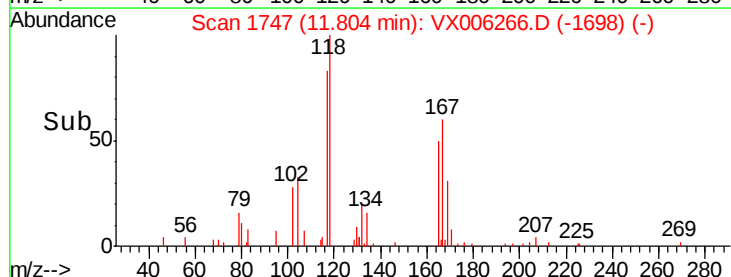
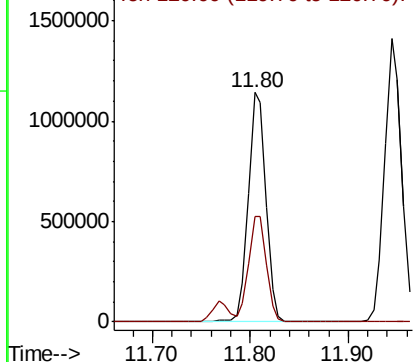


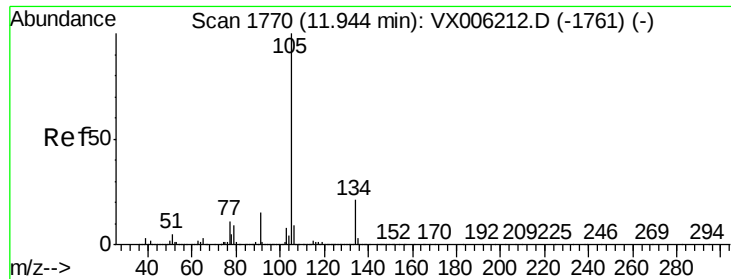
#84
1,2,4-Trimethylbenzene
Concen: 49.910 ug/l
RT: 11.80 min Scan# 1747
Delta R.T. -0.00 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

Tgt Ion:105 Resp: 1427843
Ion Ratio Lower Upper
105 100
120 46.4 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: 50.485 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

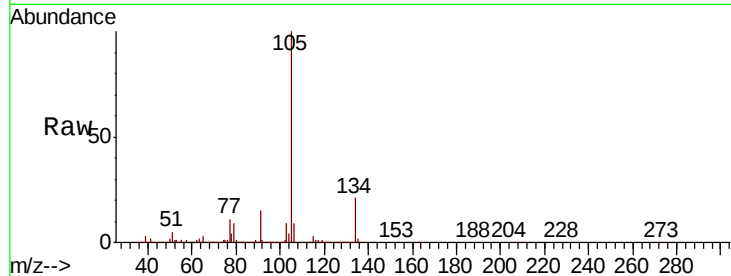
VSTDCCC050EC

Tot Ion:105 Resp: 1697769

Ion Ratio Lower Upper

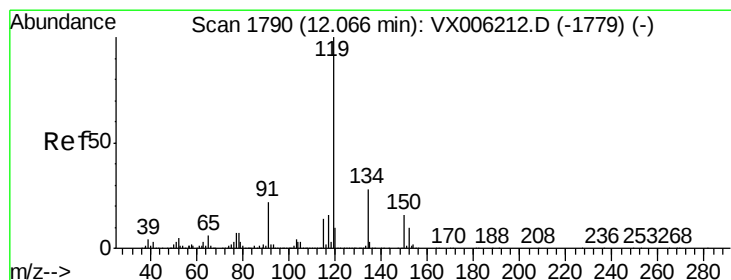
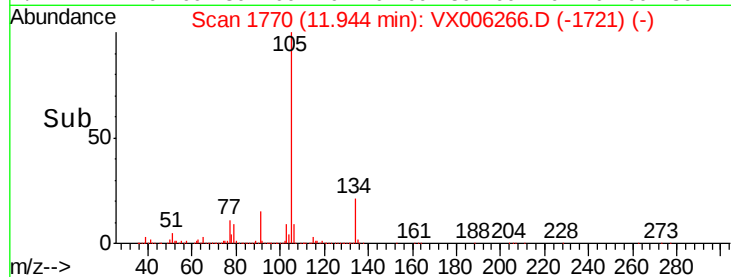
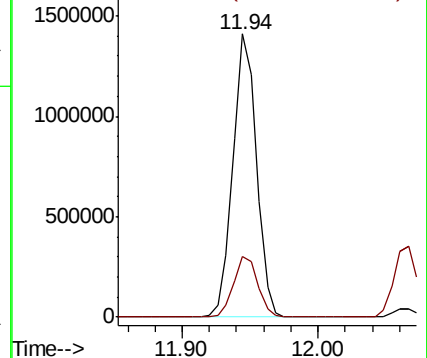
105 100

134 22.0 10.8 32.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 49.986 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

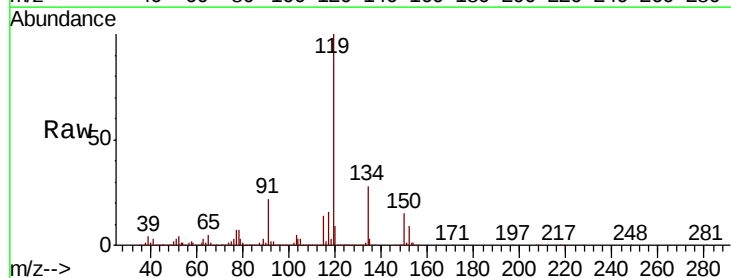
Tgt Ion:119 Resp: 1513673

Ion Ratio Lower Upper

119 100

134 27.8 13.9 41.6

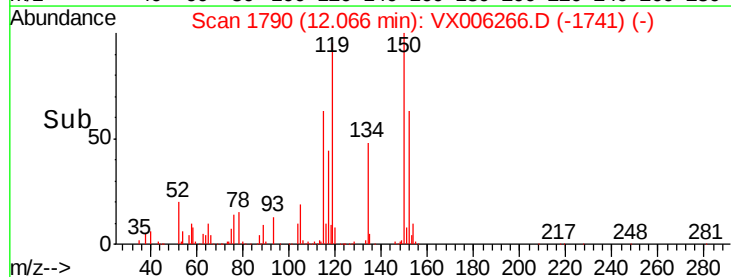
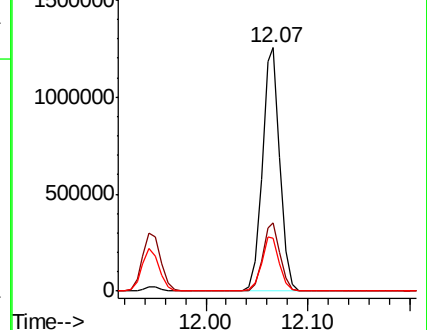
91 22.6 11.3 33.8



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 49.380 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

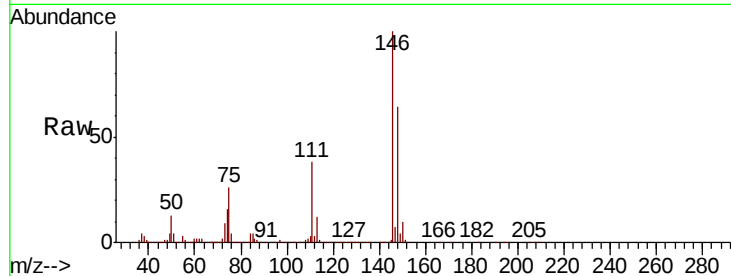
Tot Ion:146 Resp: 811961

Ion Ratio Lower Upper

146 100

111 37.5 18.4 55.2

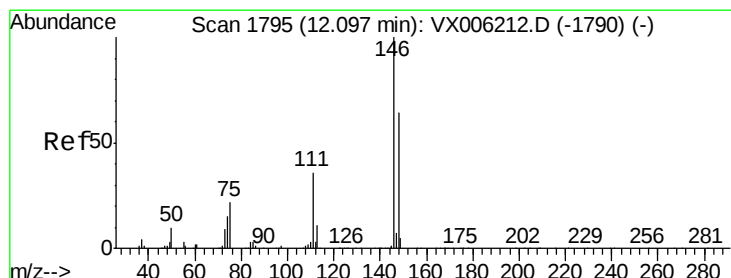
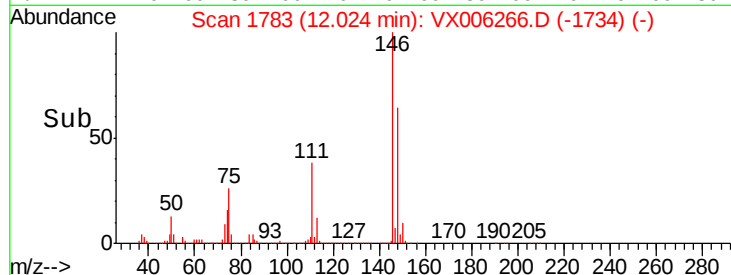
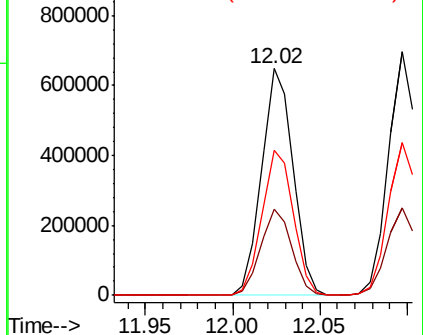
148 64.2 32.0 96.0



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 48.775 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

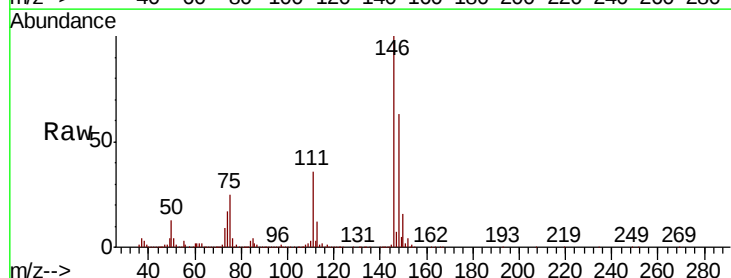
Tgt Ion:146 Resp: 814019

Ion Ratio Lower Upper

146 100

111 36.6 18.3 54.8

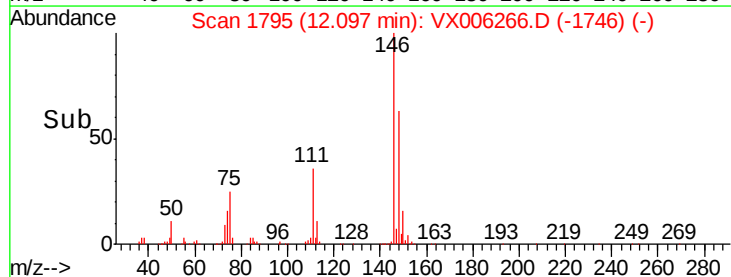
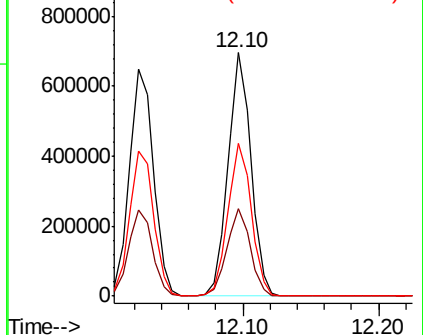
148 63.9 31.9 95.9

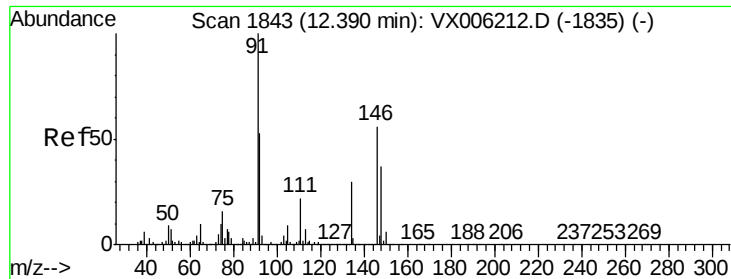


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



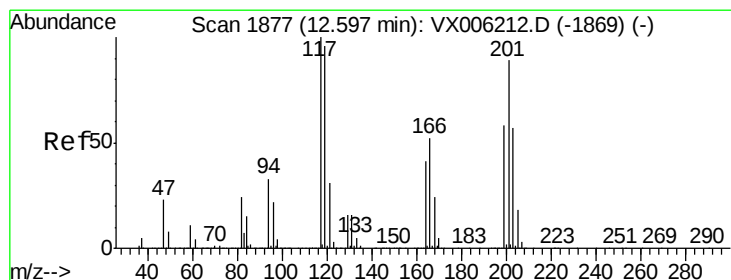
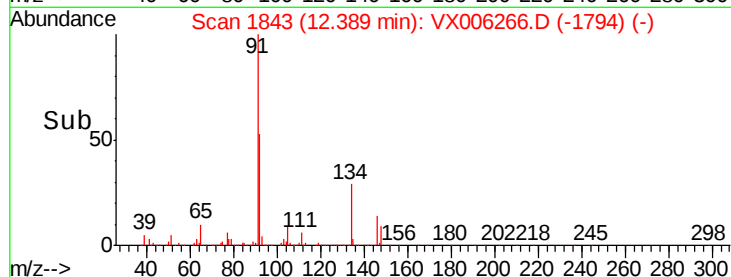
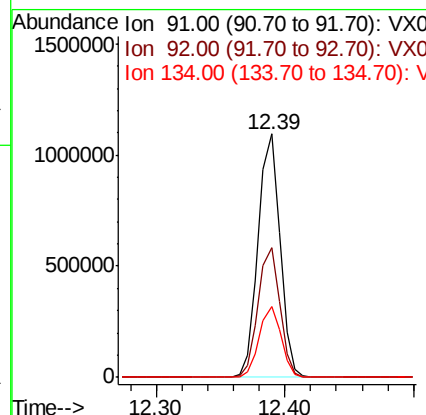
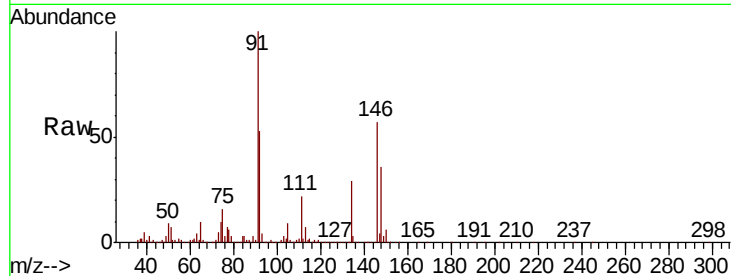


#89
n-Butylbenzene
Concen: 49.233 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tot Ion: 91 Resp: 1272088

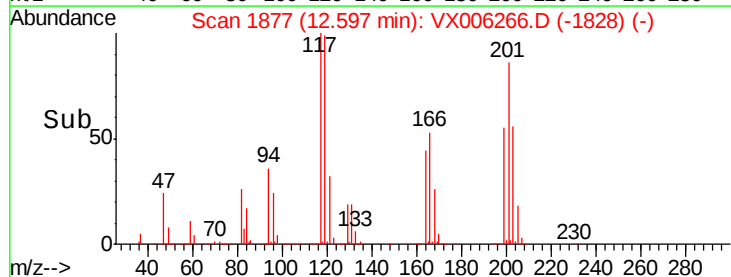
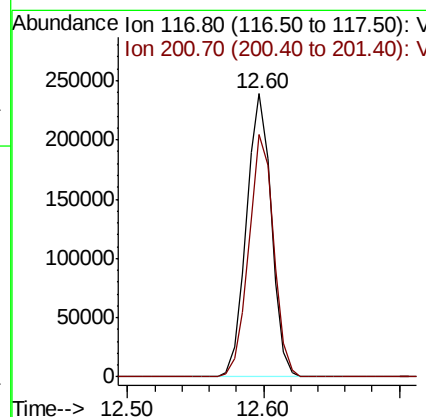
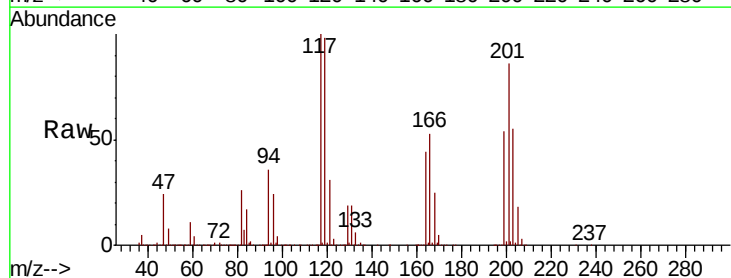
Ion	Ratio	Lower	Upper
91	100		
92	53.2	26.6	79.8
134	29.1	14.8	44.3

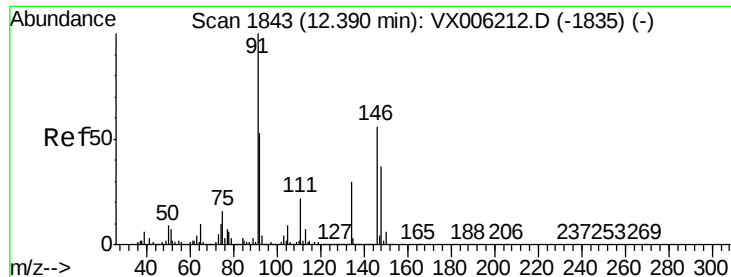


#90
Hexachloroethane
Concen: 49.452 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX006266.D
Acq: 03 Dec 2018 20:57

Tgt Ion: 117 Resp: 305210

Ion	Ratio	Lower	Upper
117	100		
201	85.7	44.7	134.1





#91

1,2-Dichlorobenzene

Concen: 48.965 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

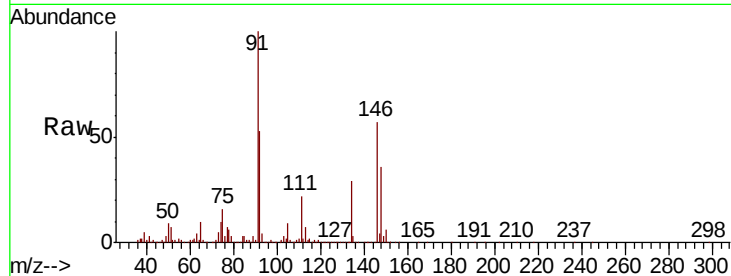
Tot Ion:146 Resp: 799066

Ion Ratio Lower Upper

146 100

111 38.8 19.1 57.3

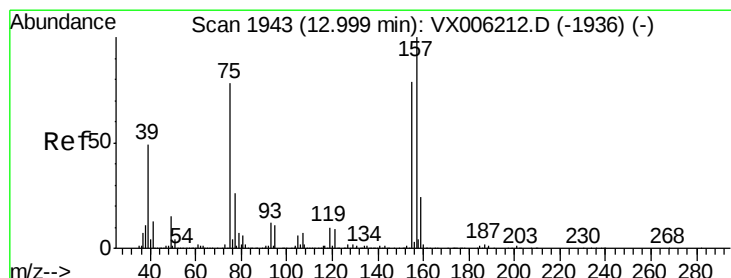
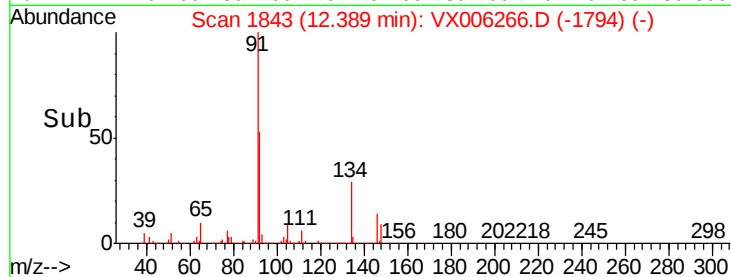
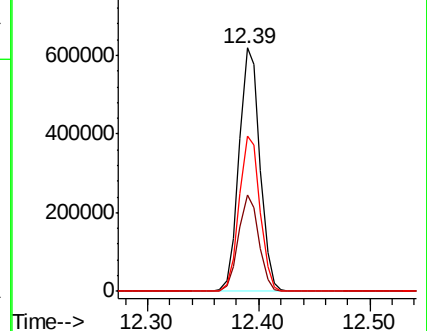
148 63.8 32.1 96.3



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: 47.351 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

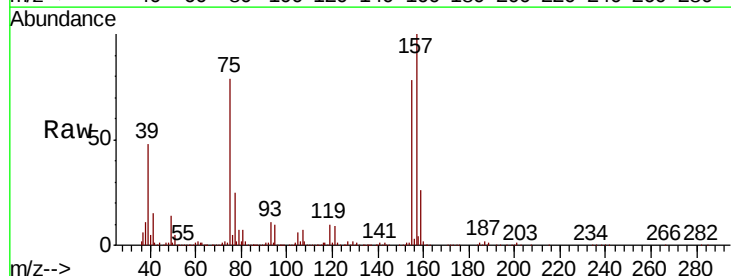
Tgt Ion: 75 Resp: 129307

Ion Ratio Lower Upper

75 100

155 102.1 53.4 160.3

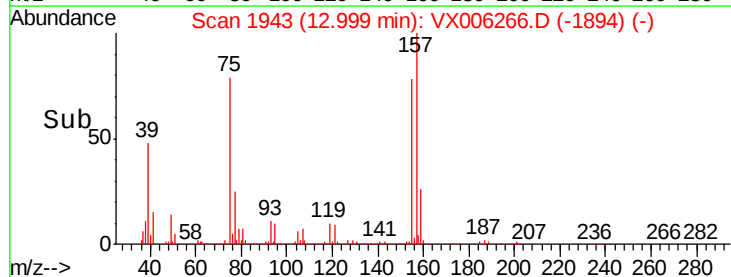
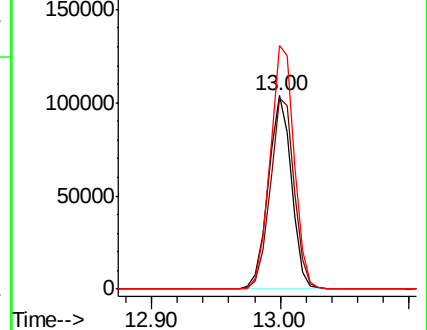
157 130.7 68.0 203.8



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

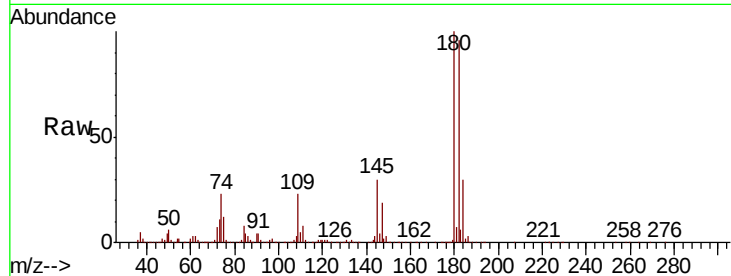




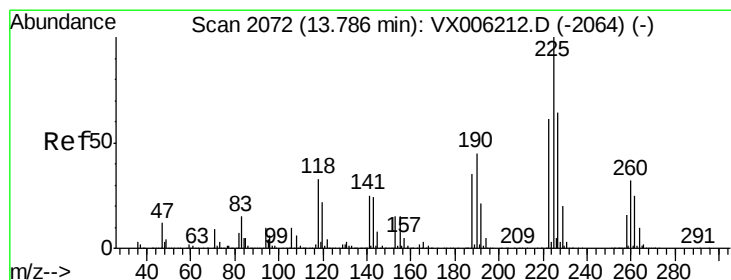
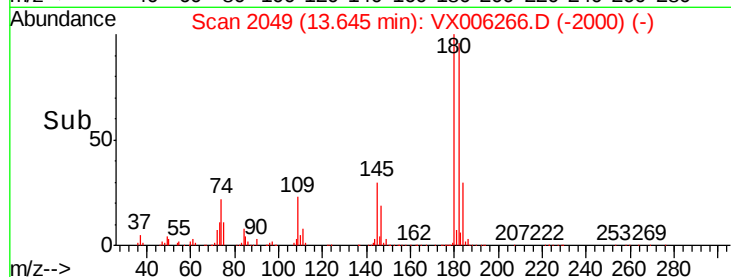
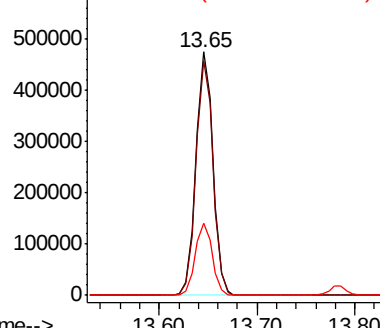
#93
 1,2,4-Trichlorobenzene
 Concen: 48.071 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX006266.D
 Acq: 03 Dec 2018 20:57

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Tot Ion:180 Resp: 572319
 Ion Ratio Lower Upper
 180 100
 182 95.8 47.3 141.9
 145 29.8 14.6 43.8

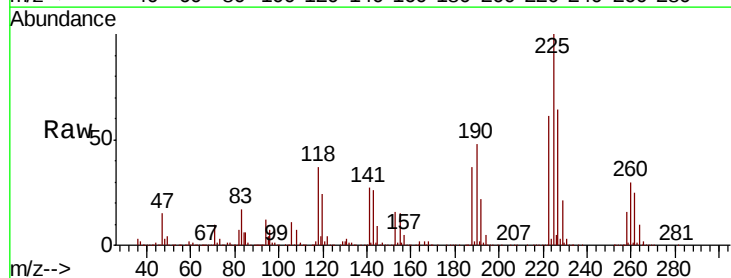


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

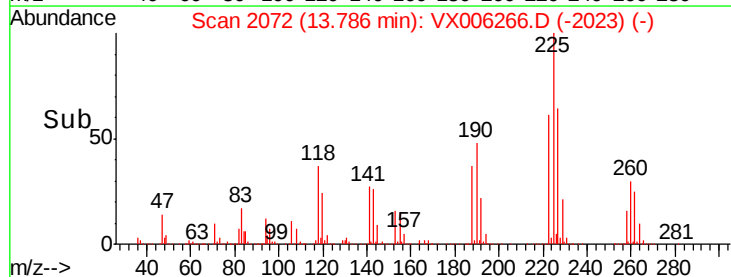
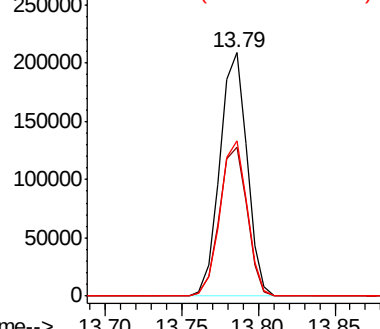


#94
 Hexachlorobutadiene
 Concen: 49.064 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX006266.D
 Acq: 03 Dec 2018 20:57

Tgt Ion:225 Resp: 258334
 Ion Ratio Lower Upper
 225 100
 223 62.0 31.2 93.6
 227 63.5 31.9 95.5



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 49.816 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Instrument :

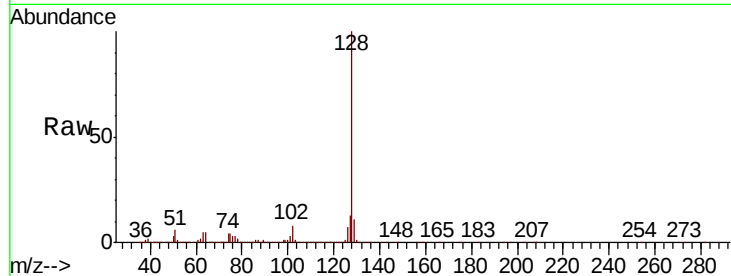
MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tot Ion:128 Resp: 1844923

Ion	Ratio	Lower	Upper
128	100		
127	12.9	10.2	15.4
129	11.0	8.9	13.3

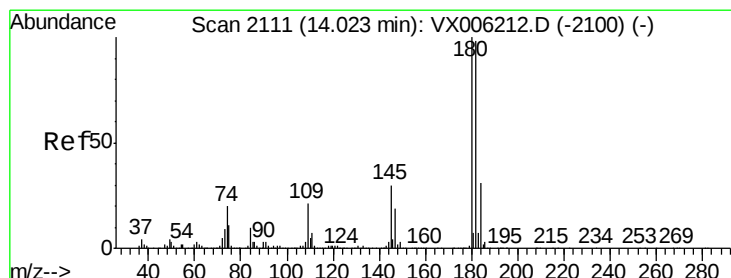
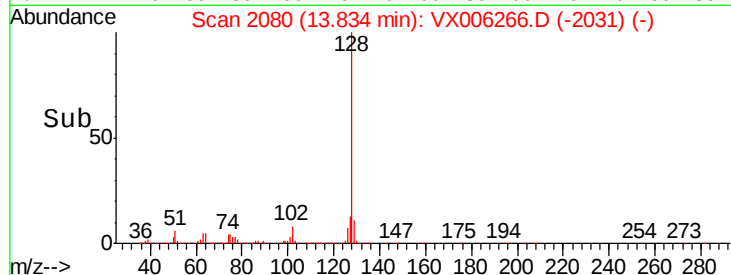
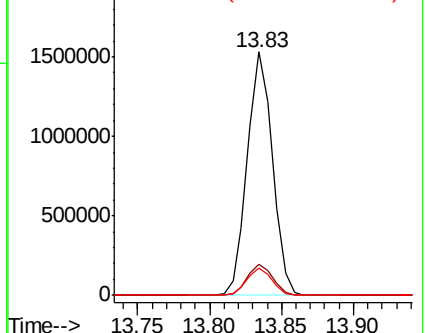


Abundance

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: 48.945 ug/l

RT: 14.02 min Scan# 2111

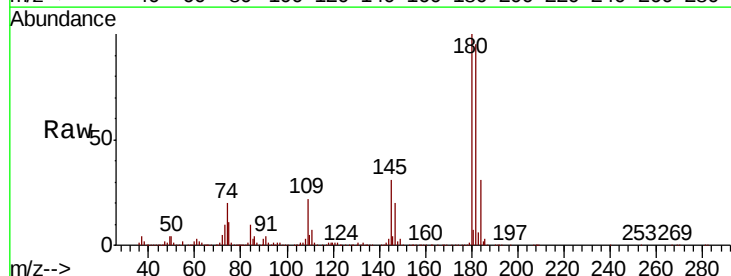
Delta R.T. -0.00 min

Lab File: VX006266.D

Acq: 03 Dec 2018 20:57

Tgt Ion:180 Resp: 577180

Ion	Ratio	Lower	Upper
180	100		
182	95.5	48.4	145.2
145	31.8	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

