

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012619\
 Data File : VX007255.D
 Acq On : 26 Jan 2019 02:54
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jan 28 00:22:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	462142	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	693076	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	630612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	329489	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	243046	50.32	ug/l	0.00
Spiked Amount 50.000			Recovery =	100.64%		
35) Dibromofluoromethane	5.51	113	224740	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.28%		
50) Toluene-d8	8.71	98	807724	49.72	ug/l	0.00
Spiked Amount 50.000			Recovery =	99.44%		
62) 4-Bromofluorobenzene	11.13	95	287256	50.72	ug/l	0.00
Spiked Amount 50.000			Recovery =	101.44%		

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	166641	43.910	ug/l	98
3) Chloromethane	1.33	50	223348	50.554	ug/l	99
4) Vinyl Chloride	1.41	62	214574	45.150	ug/l	98
5) Bromomethane	1.64	94	186527	36.736	ug/l	96
6) Chloroethane	1.71	64	146492	44.146	ug/l	97
7) Trichlorofluoromethane	1.93	101	363743	47.369	ug/l	100
8) Diethyl Ether	2.19	74	146768	48.042	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	212787	46.286	ug/l	99
10) Methyl Iodide	2.51	142	290988	46.924	ug/l	99
11) Tert butyl alcohol	3.08	59	276035	242.282	ug/l	98
12) 1,1-Dichloroethene	2.37	96	197496	46.498	ug/l	98
13) Acrolein	2.29	56	115493	235.229	ug/l	97
14) Allyl chloride	2.73	41	343384	47.172	ug/l	99
15) Acrylonitrile	3.15	53	661553	252.940	ug/l	100
16) Acetone	2.45	43	568939	238.280	ug/l	100
17) Carbon Disulfide	2.57	76	409049	37.406	ug/l	98
18) Methyl Acetate	2.78	43	396452	57.335	ug/l	100
19) Methyl tert-butyl Ether	3.20	73	747229	50.686	ug/l	99
20) Methylene Chloride	2.86	84	249818	55.066	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	212755	44.948	ug/l	98
22) Diisopropyl ether	3.87	45	692070	50.571	ug/l	95
23) Vinyl Acetate	3.82	43	2807291	243.248	ug/l	98
24) 1,1-Dichloroethane	3.70	63	378148	49.417	ug/l	99
25) 2-Butanone	4.70	43	853565	249.841	ug/l	96
26) 2,2-Dichloropropane	4.59	77	210100	35.706	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	246752	47.262	ug/l	100
28) Bromochloromethane	5.02	49	176182	52.550	ug/l	95
29) Tetrahydrofuran	5.15	42	554018	249.529	ug/l	97
30) Chloroform	5.21	83	407482	50.860	ug/l	98
31) Cyclohexane	5.57	56	306984	45.074	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	339648	50.015	ug/l	98
36) 1,1-Dichloropropene	5.80	75	274726	45.592	ug/l	99
37) Ethyl Acetate	4.85	43	320477	49.608	ug/l	99
38) Carbon Tetrachloride	5.78	117	294073	48.506	ug/l	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	330181	42.982	ug/l	99
40) Benzene	6.15	78	877126	47.705	ug/l	98
41) Methacrylonitrile	5.06	41	181419	48.748	ug/l	99
42) 1,2-Dichloroethane	6.20	62	305791	48.129	ug/l	98
43) Isopropyl Acetate	6.46	43	520155	51.046	ug/l	98
44) Trichloroethene	7.21	130	259250	47.054	ug/l	99
45) 1,2-Dichloropropane	7.51	63	229767	49.707	ug/l	100
46) Dibromomethane	7.66	93	161198	49.620	ug/l	97
47) Bromodichloromethane	7.90	83	292888	52.967	ug/l	98
48) Methyl methacrylate	7.77	41	264528	50.551	ug/l	97
49) 1,4-Dioxane	7.75	88	118456	991.152	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1696970	259.131	ug/l	99
52) Toluene	8.79	92	572937	48.482	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	305104	49.759	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	338392	49.974	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	251397	53.148	ug/l	99
56) Ethyl methacrylate	9.18	69	353733	51.226	ug/l	95
57) 1,3-Dichloropropane	9.37	76	393771	50.814	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	944590	266.049	ug/l	99
59) 2-Hexanone	9.49	43	1256516	251.783	ug/l	99
60) Dibromochloromethane	9.58	129	258539	56.289	ug/l	97
61) 1,2-Dibromoethane	9.67	107	261416	50.201	ug/l	98
64) Tetrachloroethene	9.34	164	266130	48.745	ug/l	97
65) Chlorobenzene	10.14	112	663866	48.267	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	247858	53.569	ug/l	99
67) Ethyl Benzene	10.25	91	1091172	48.056	ug/l	99
68) m/p-Xylenes	10.36	106	854173	95.482	ug/l	99
69) o-Xylene	10.69	106	424129	48.614	ug/l	99
70) Styrene	10.71	104	685487	49.609	ug/l	99
71) Bromoform	10.85	173	187621	45.767	ug/l	100
73) Isopropylbenzene	11.02	105	1121442	48.268	ug/l	98
74) N-amyl acetate	10.90	43	459939	49.168	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	355031	48.134	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	394747	59.121	ug/l	91
77) Bromobenzene	11.26	156	306224	47.835	ug/l	98
78) n-propylbenzene	11.36	91	1241748	48.685	ug/l	99
79) 2-Chlorotoluene	11.42	91	730348	47.569	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	918190	47.297	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	90204	41.469	ug/l	100
82) 4-Chlorotoluene	11.51	91	853119	47.991	ug/l	100
83) tert-Butylbenzene	11.77	119	913344	47.154	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	944401	48.377	ug/l	100
85) sec-Butylbenzene	11.94	105	1114075	48.161	ug/l	100
86) p-Isopropyltoluene	12.06	119	1003071	48.478	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	534318	46.177	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	545006	49.713	ug/l	99
89) n-Butylbenzene	12.39	91	850237	48.204	ug/l	99
90) Hexachloroethane	12.60	117	156730	47.596	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	542048	47.469	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	74229	50.885	ug/l	99

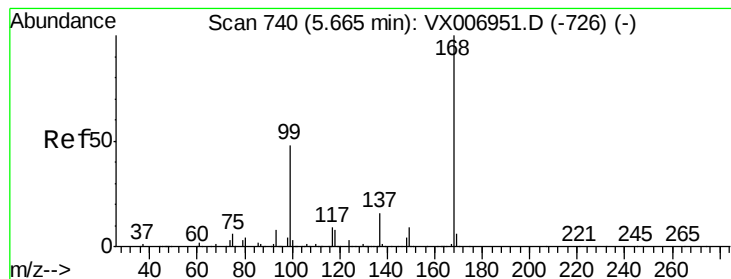
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	377116	48.137	ug/l	99
94) Hexachlorobutadiene	13.78	225	175960	50.614	ug/l	98
95) Naphthalene	13.83	128	1178950	49.663	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	380015	48.830	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

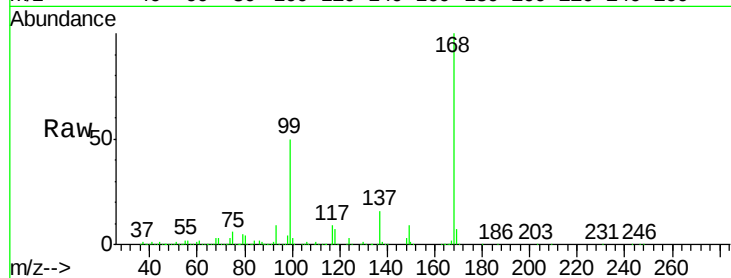
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 462142

Ion Ratio Lower Upper

168 100

99 49.6 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

150000

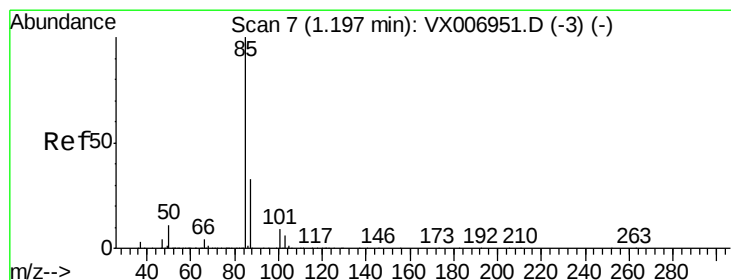
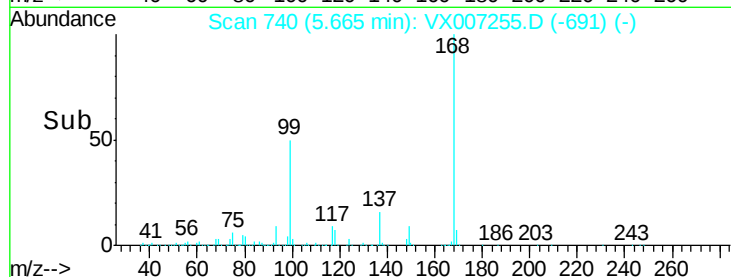
100000

50000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 43.910 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007255.D

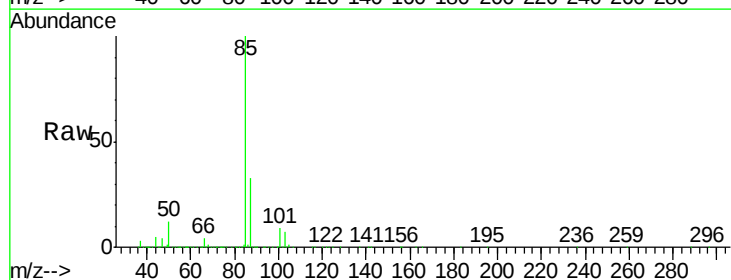
Acq: 26 Jan 2019 02:54

Tgt Ion: 85 Resp: 166641

Ion Ratio Lower Upper

85 100

87 32.7 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

150000

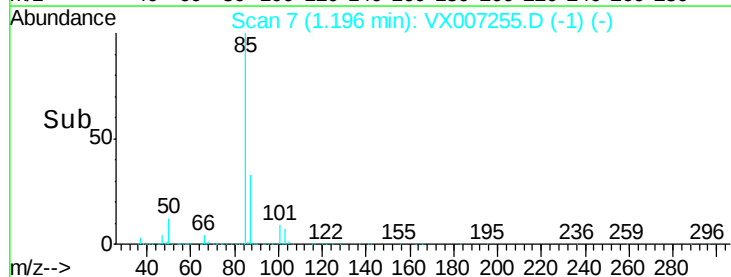
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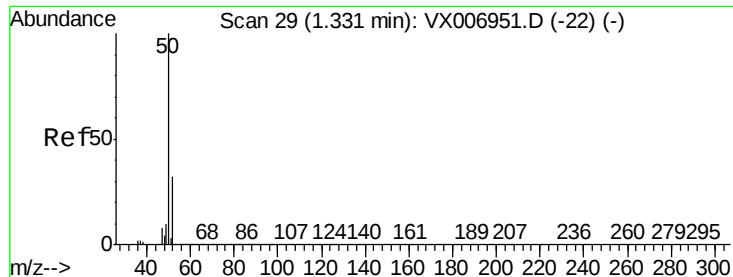
50000

0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 50.554 ug/l

RT: 1.33 min Scan# 29

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

Instrument :

MSVOA_X

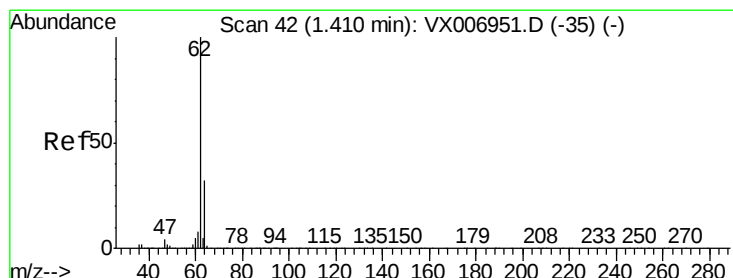
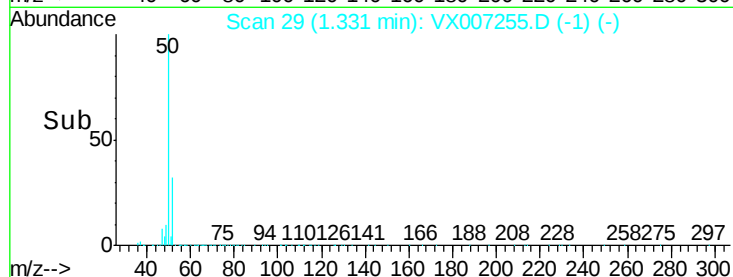
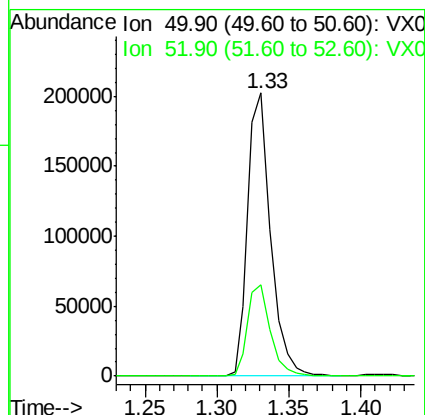
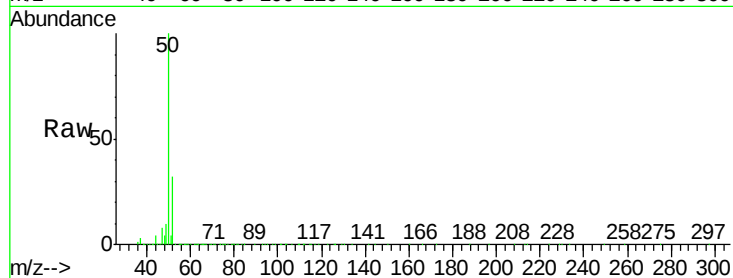
ClientSampleId :

Tot Ion: 50 Resp: 223348

Ion Ratio Lower Upper

50 100

52 32.2 25.4 38.2



#4

Vinyl Chloride

Concen: 45.150 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX007255.D

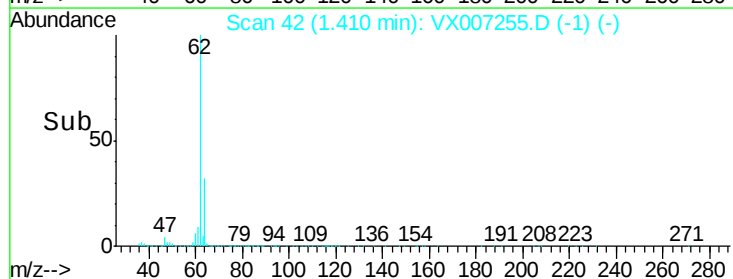
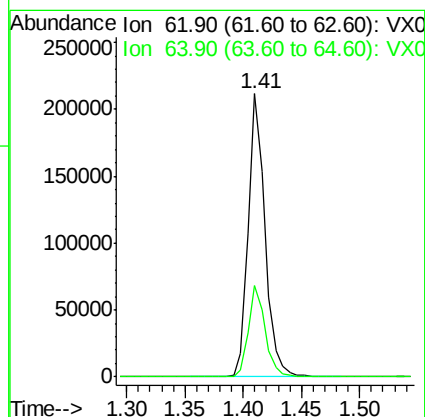
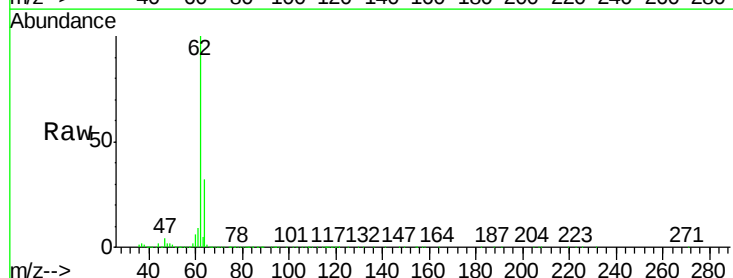
Acq: 26 Jan 2019 02:54

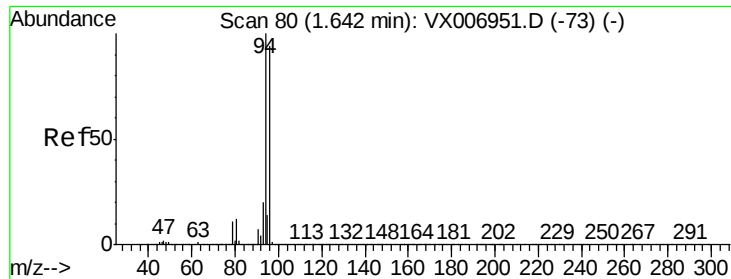
Tgt Ion: 62 Resp: 214574

Ion Ratio Lower Upper

62 100

64 32.3 25.1 37.7





#5

Bromomethane

Concen: 36.736 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

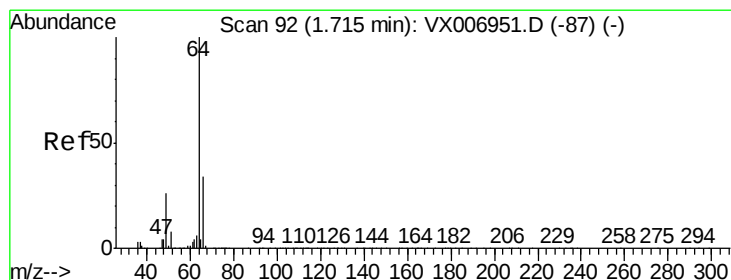
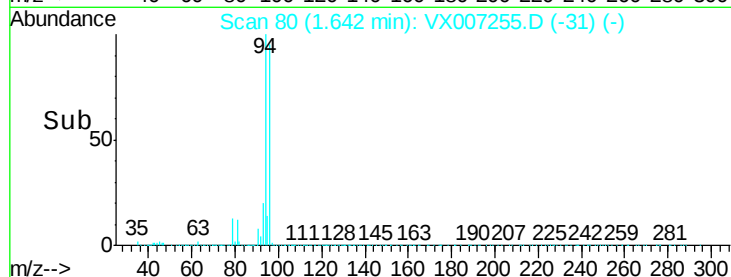
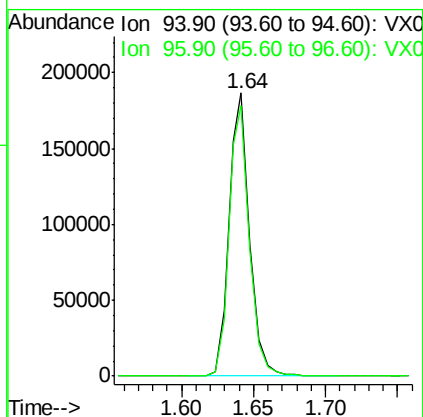
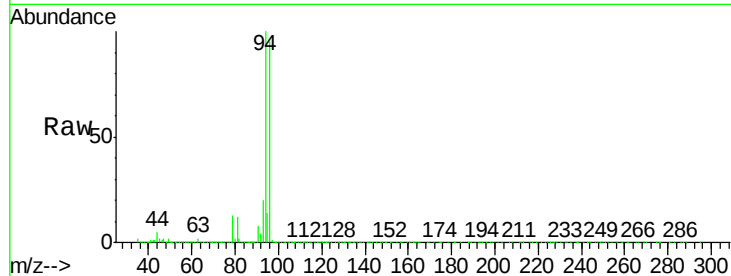
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 94 Resp: 186527

Ion Ratio Lower Upper

94 100

96 95.5 73.4 110.2



#6

Chloroethane

Concen: 44.146 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX007255.D

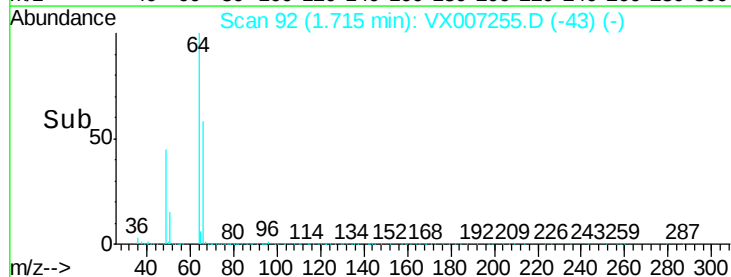
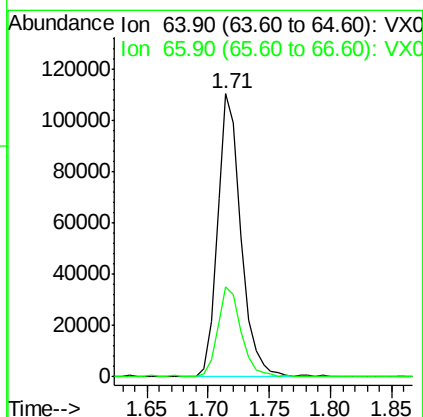
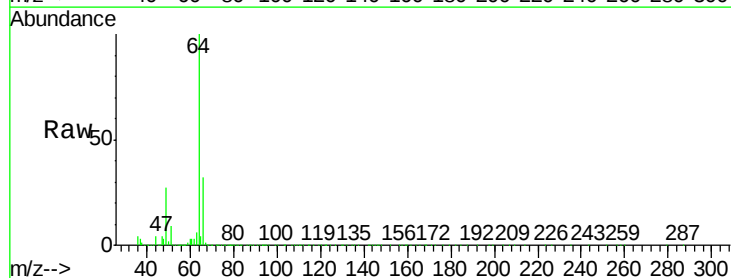
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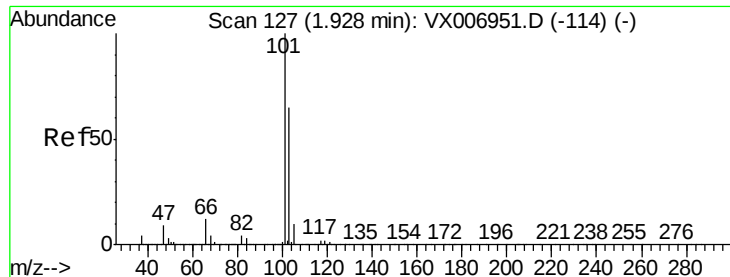
Tgt Ion: 64 Resp: 146492

Ion Ratio Lower Upper

64 100

66 31.5 26.4 39.6



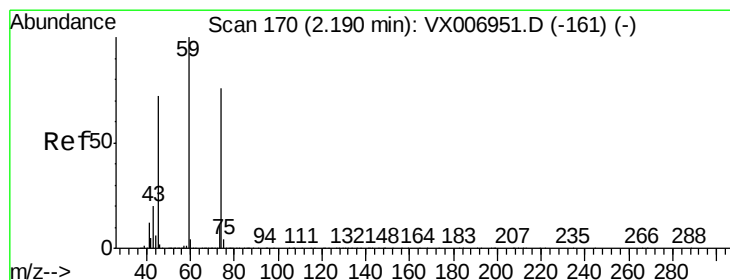
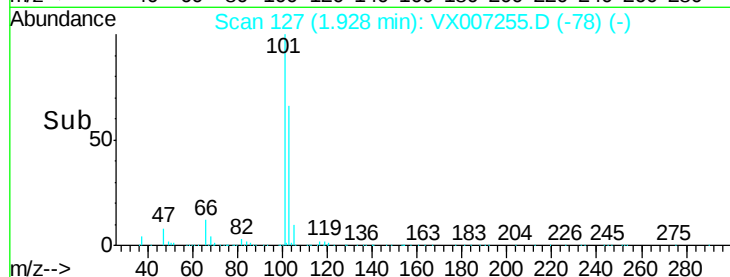
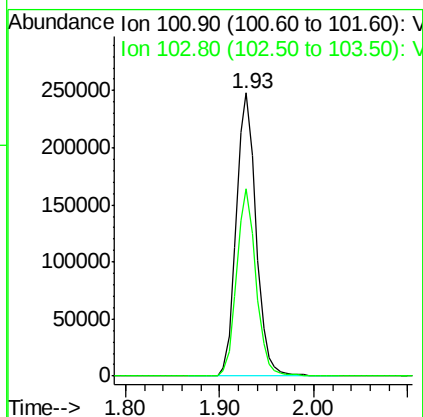
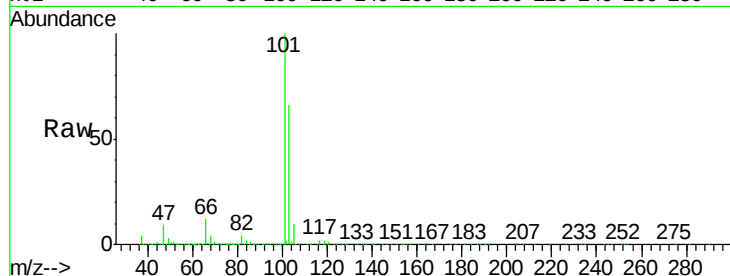


#7

Trichlorofluoromethane
Concen: 47.369 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

Instrument :
MSVOA_X
ClientSampleId :

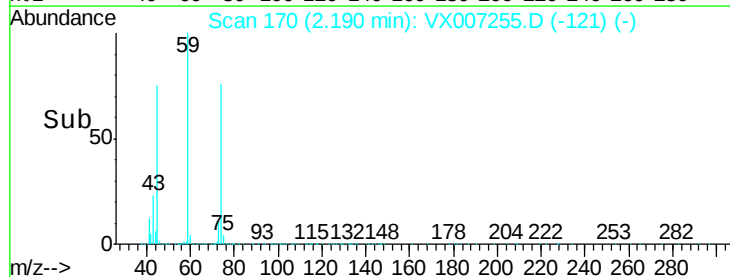
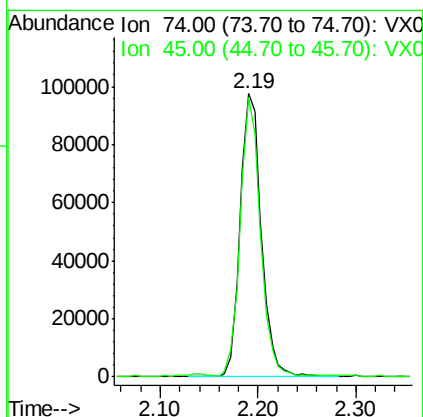
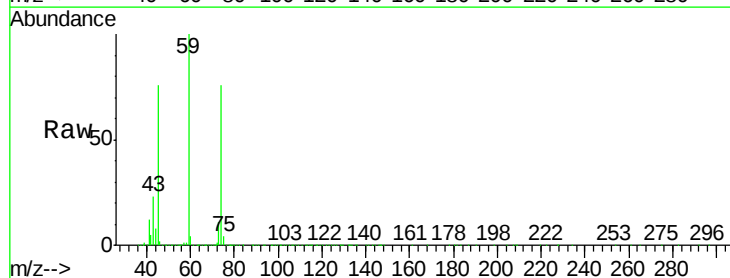
Tot Ion:101 Resp: 363743
Ion Ratio Lower Upper
101 100
103 66.2 53.2 79.8

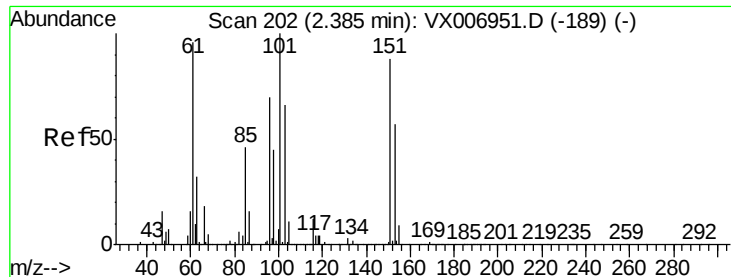


#8

Diethyl Ether
Concen: 48.042 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

Tgt Ion: 74 Resp: 146768
Ion Ratio Lower Upper
74 100
45 93.3 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 46.286 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

Instrument :

MSVOA_X

ClientSampleId :

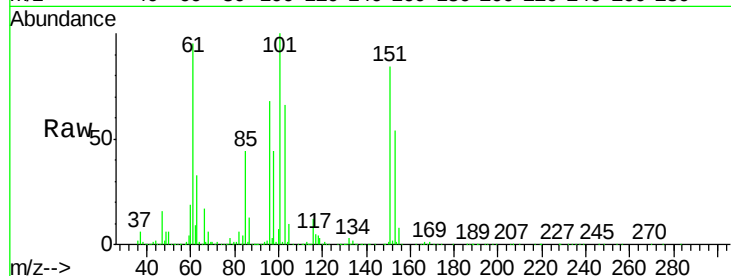
Tot Ion:101 Resp: 212787

Ion Ratio Lower Upper

101 100

85 44.7 35.1 52.7

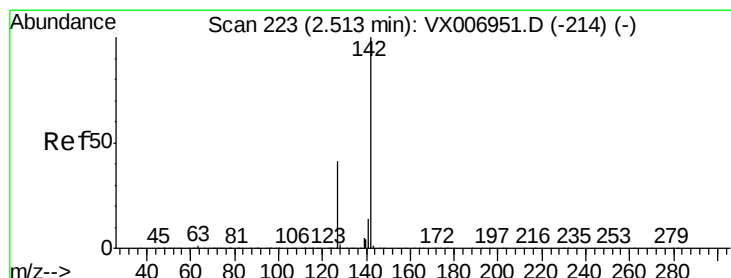
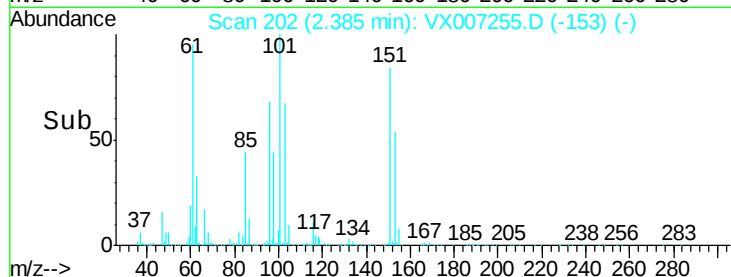
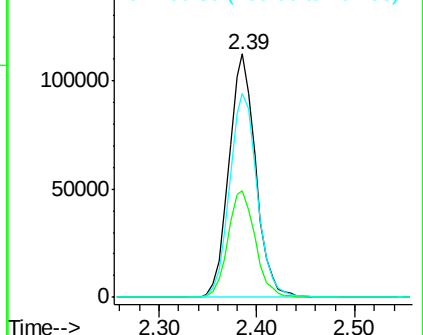
151 86.5 68.9 103.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 46.924 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

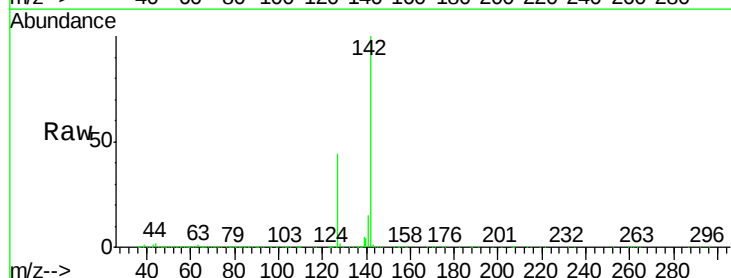
Tgt Ion:142 Resp: 290988

Ion Ratio Lower Upper

142 100

127 43.1 33.9 50.9

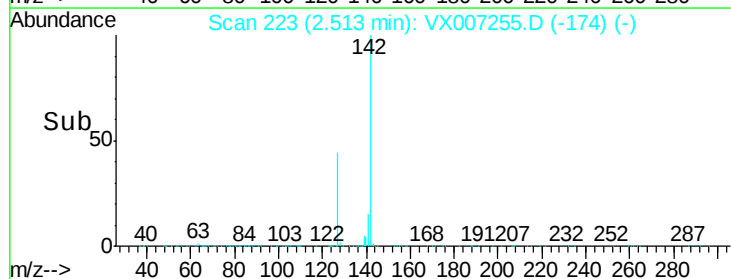
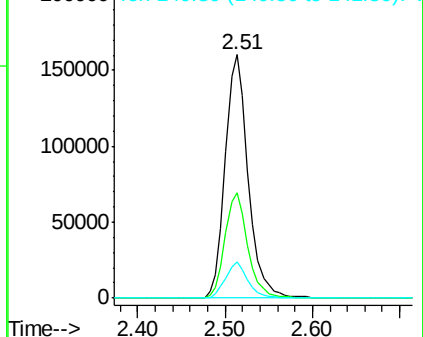
141 14.4 11.4 17.0

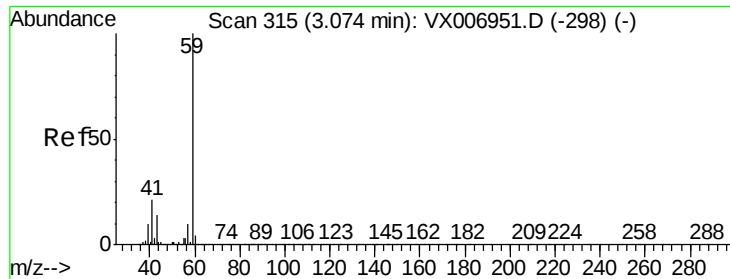


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

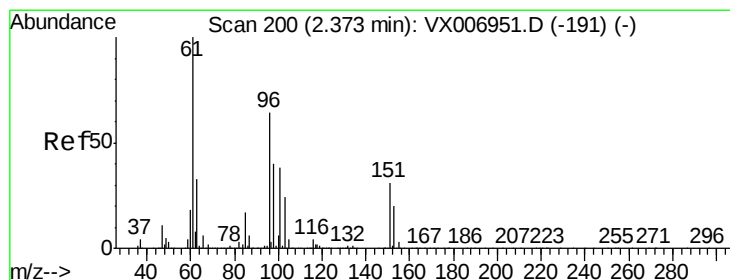
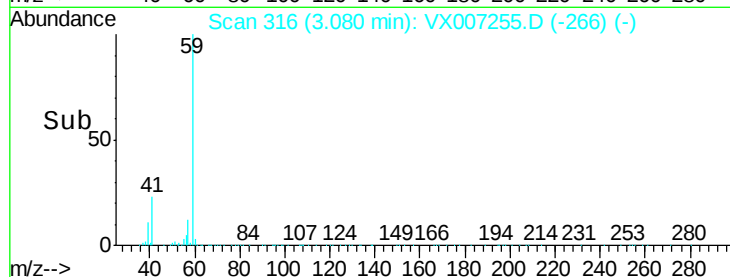
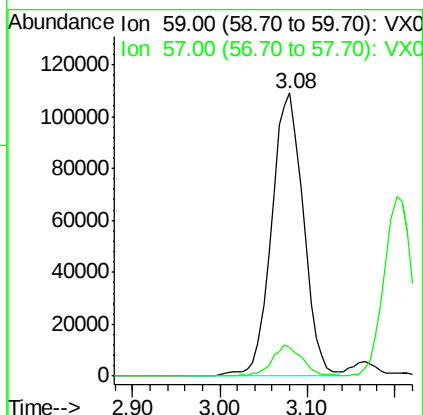
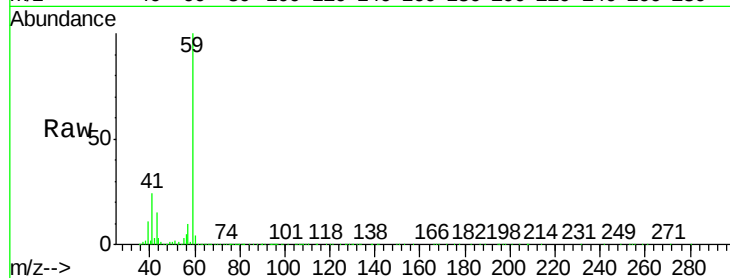




#11
Tert butyl alcohol
Concen: 242.282 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

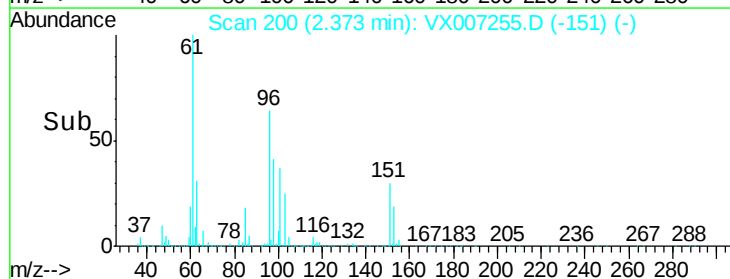
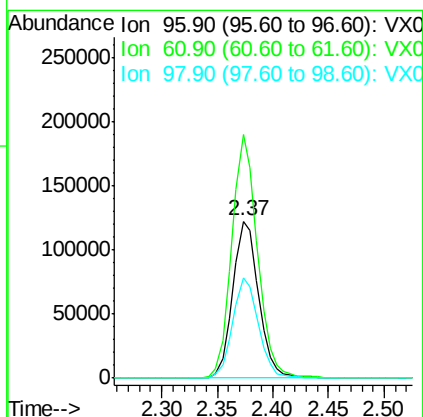
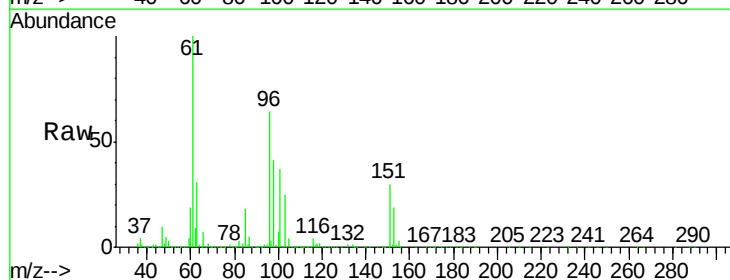
Instrument :
MSVOA_X
ClientSampleId :

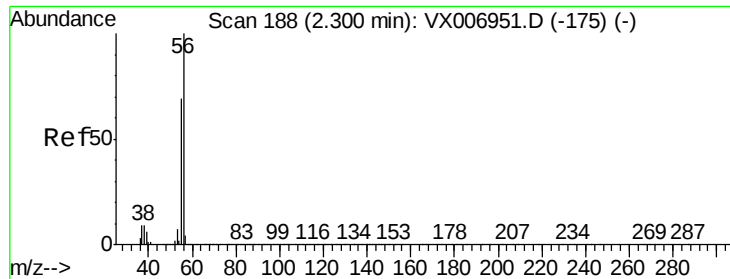
Tot Ion: 59 Resp: 276035
Ion Ratio Lower Upper
59 100
57 9.9 8.5 12.7



#12
1,1-Dichloroethene
Concen: 46.498 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

Tgt Ion: 96 Resp: 197496
Ion Ratio Lower Upper
96 100
61 155.5 121.4 182.2
98 64.0 51.9 77.9

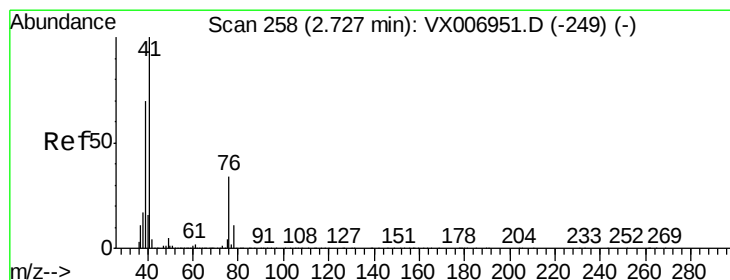
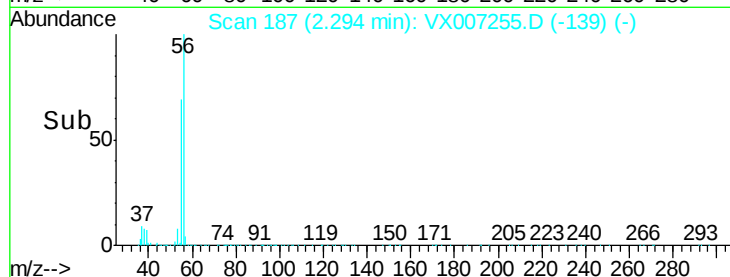
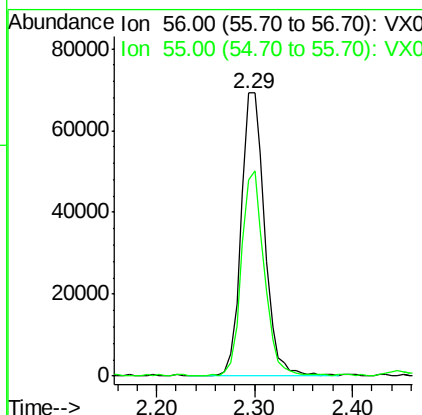
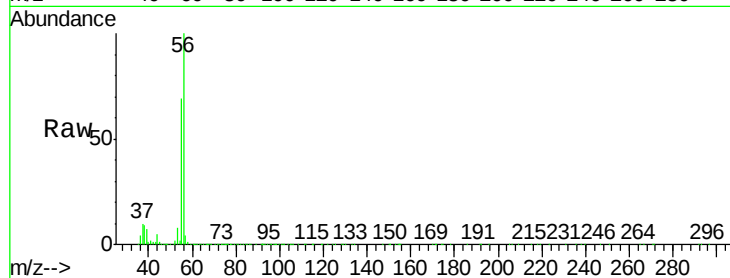




#13
 Acrolein
 Concen: 235.229 ug/l
 RT: 2.29 min Scan# 187
 Delta R.T. -0.01 min
 Lab File: VX007255.D
 Acq: 26 Jan 2019 02:54

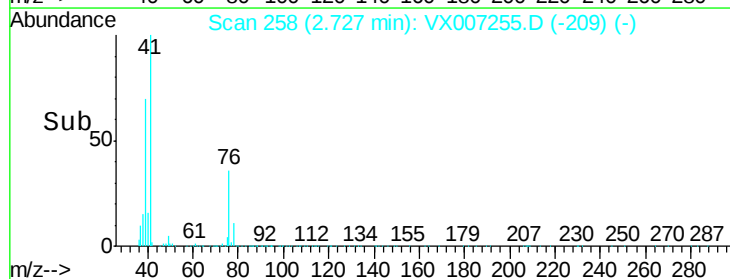
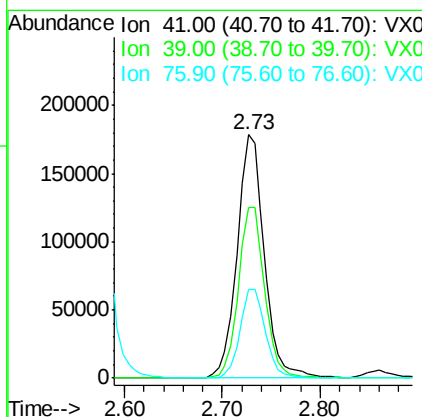
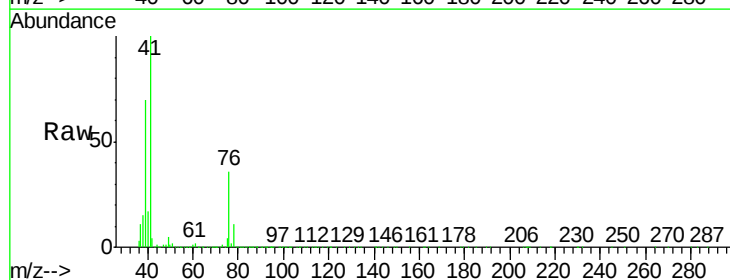
Instrument :
 MSVOA_X
 ClientSampleId :

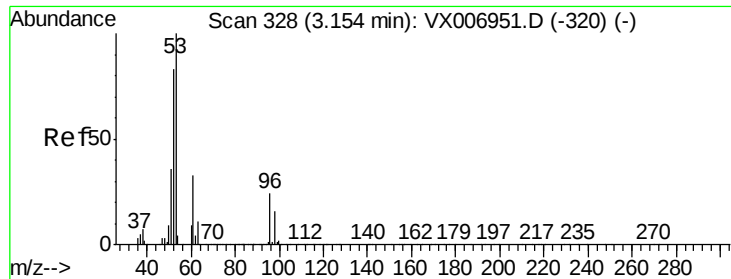
Tot Ion: 56 Resp: 115493
 Ion Ratio Lower Upper
 56 100
 55 69.9 58.2 87.4



#14
 Allyl chloride
 Concen: 47.172 ug/l
 RT: 2.73 min Scan# 258
 Delta R.T. -0.00 min
 Lab File: VX007255.D
 Acq: 26 Jan 2019 02:54

Tgt Ion: 41 Resp: 343384
 Ion Ratio Lower Upper
 41 100
 39 67.5 53.6 80.4
 76 34.0 27.4 41.2





#15

Acrylonitrile

Concen: 252.940 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

Instrument :
MSVOA_X
ClientSampleId :

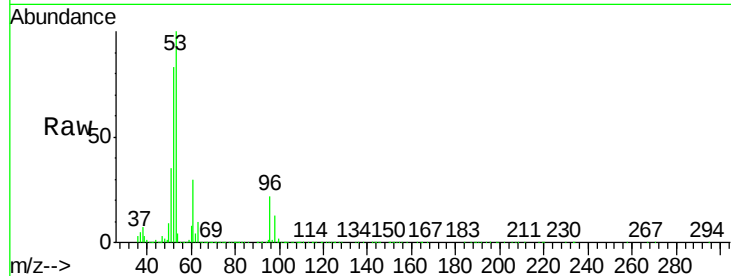
Tot Ion: 53 Resp: 661553

Ion Ratio Lower Upper

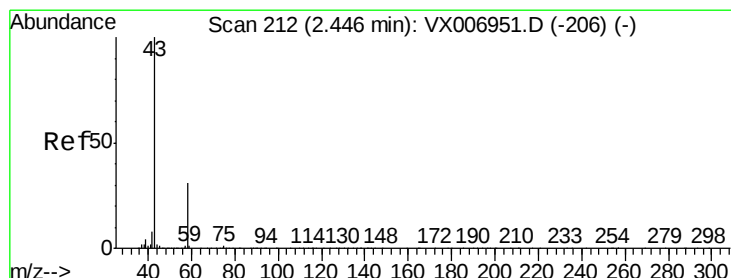
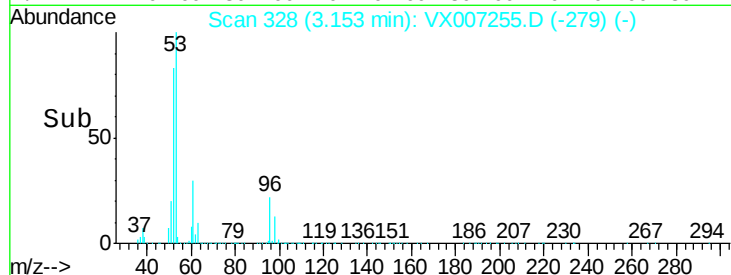
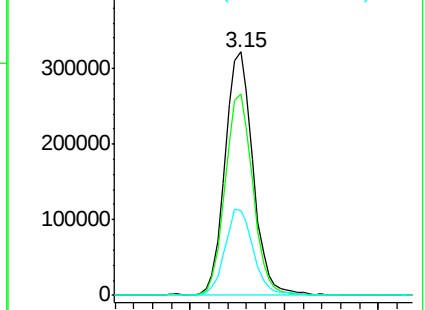
53 100

52 82.6 66.0 99.0

51 36.4 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 238.280 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007255.D

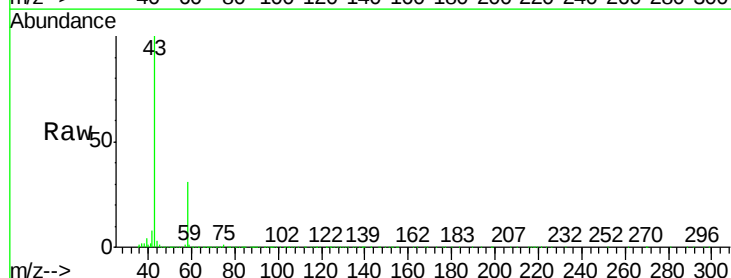
Acq: 26 Jan 2019 02:54

Tgt Ion: 43 Resp: 568939

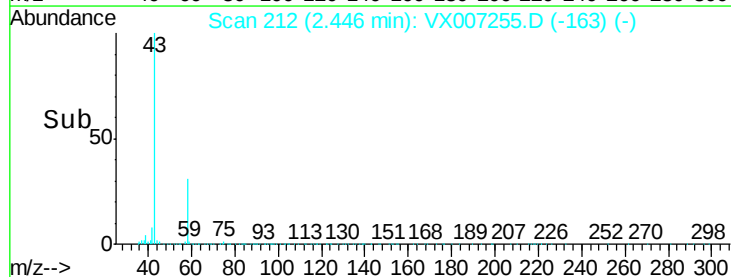
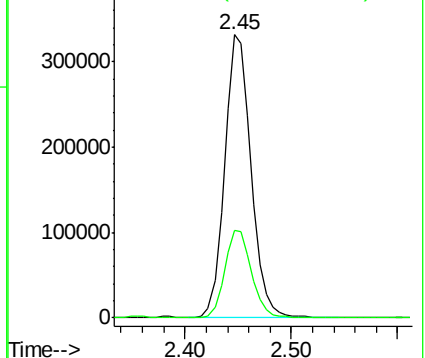
Ion Ratio Lower Upper

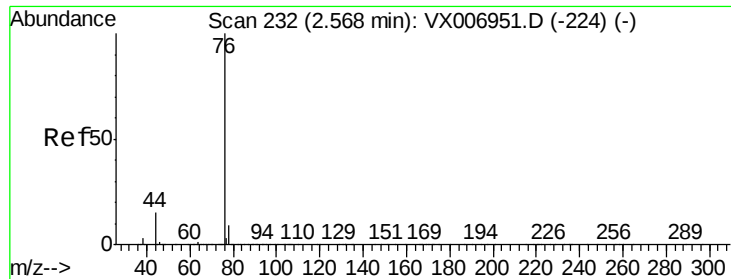
43 100

58 31.0 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

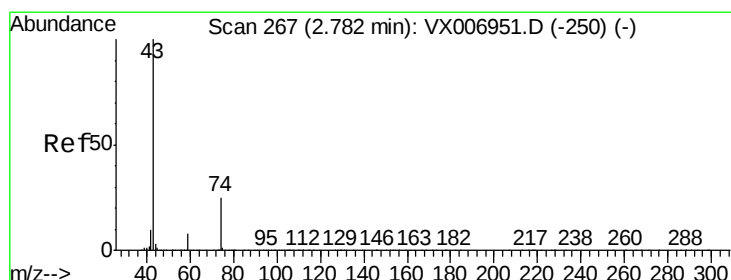
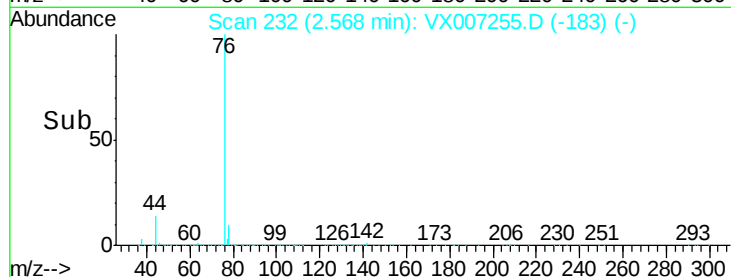
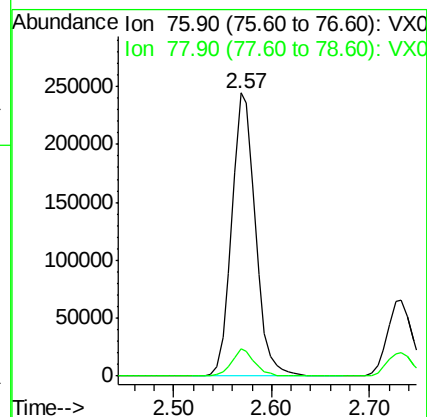
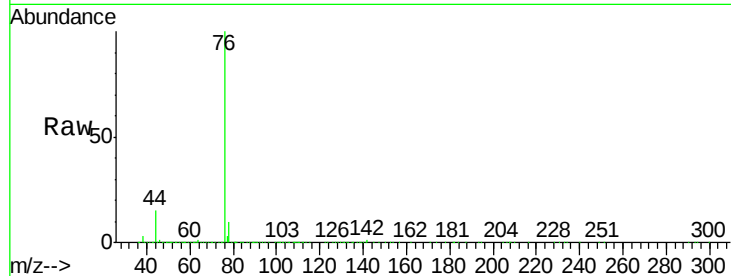




#17
Carbon Disulfide
Concen: 37.406 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

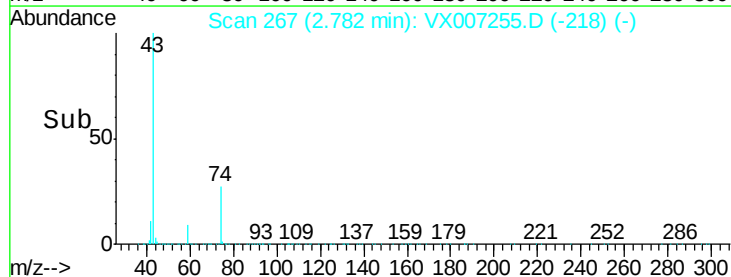
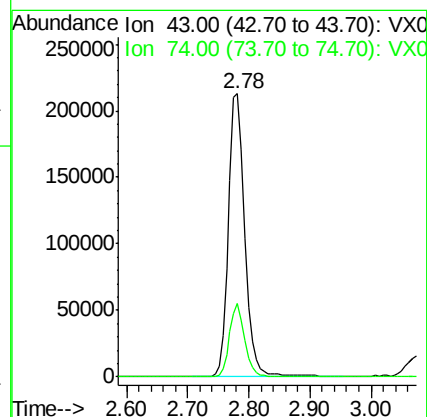
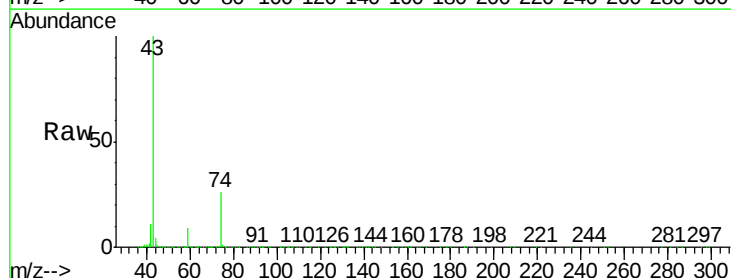
Instrument :
MSVOA_X
ClientSampled :

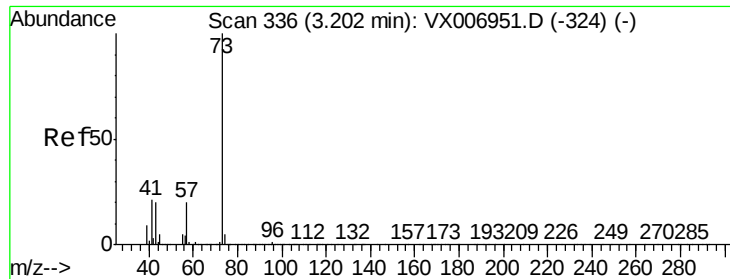
Tot Ion: 76 Resp: 409049
Ion Ratio Lower Upper
76 100
78 9.6 7.0 10.6



#18
Methyl Acetate
Concen: 57.335 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

Tgt Ion: 43 Resp: 396452
Ion Ratio Lower Upper
43 100
74 23.5 18.6 28.0



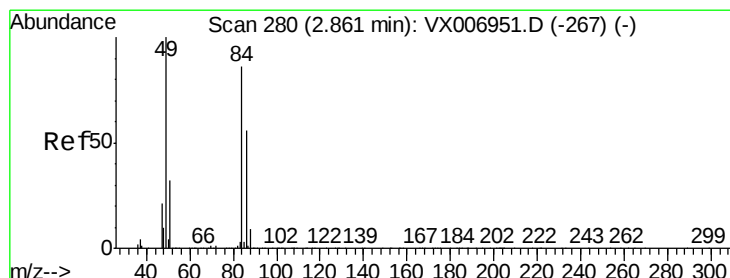
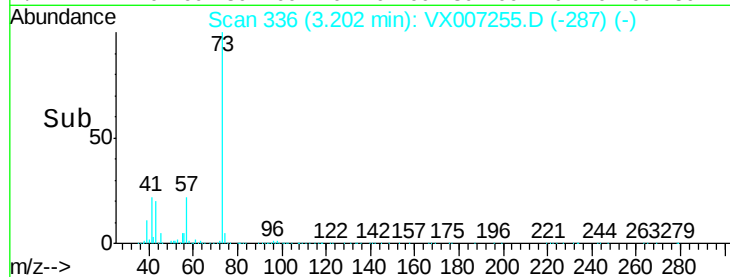
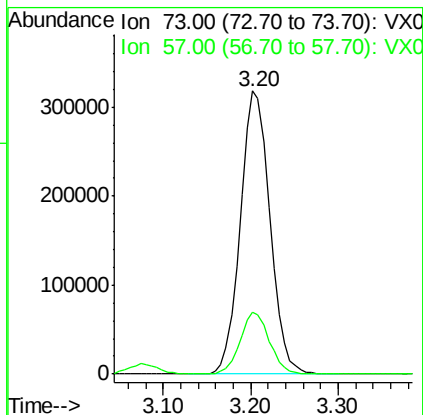
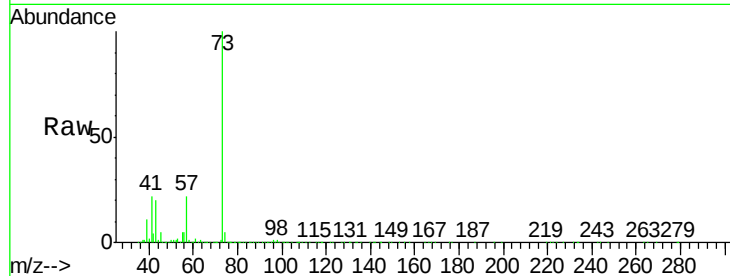


#19

Methyl tert-butyl Ether
 Concen: 50.686 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX007255.D
 Acq: 26 Jan 2019 02:54

Instrument :
 MSVOA_X
 ClientSampled :

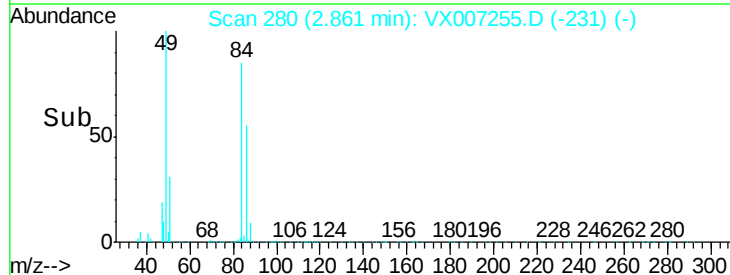
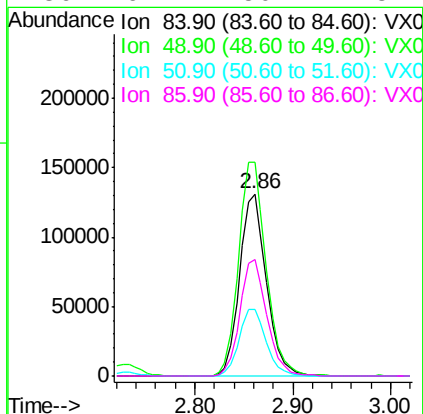
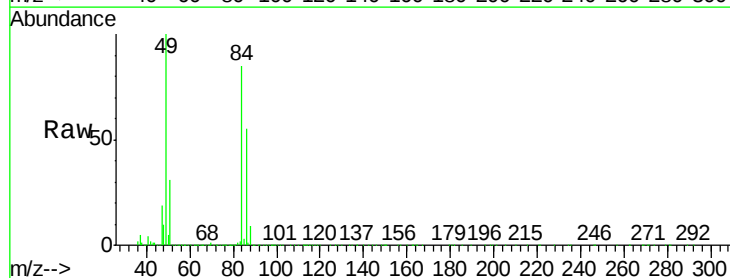
Tot Ion: 73 Resp: 747229
 Ion Ratio Lower Upper
 73 100
 57 21.7 16.8 25.2

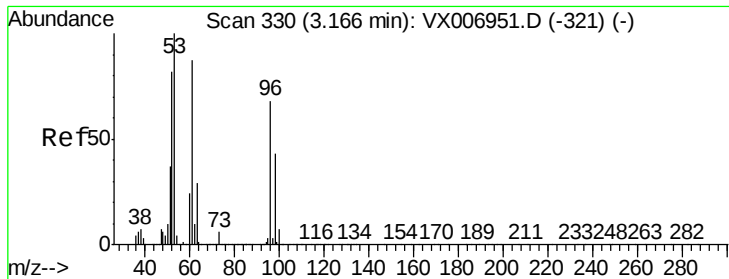


#20

Methylene Chloride
 Concen: 55.066 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007255.D
 Acq: 26 Jan 2019 02:54

Tgt Ion: 84 Resp: 249818
 Ion Ratio Lower Upper
 84 100
 49 117.1 91.8 137.6
 51 36.3 28.5 42.7
 86 64.2 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 44.948 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

Instrument :
MSVOA_X
ClientSampleId :

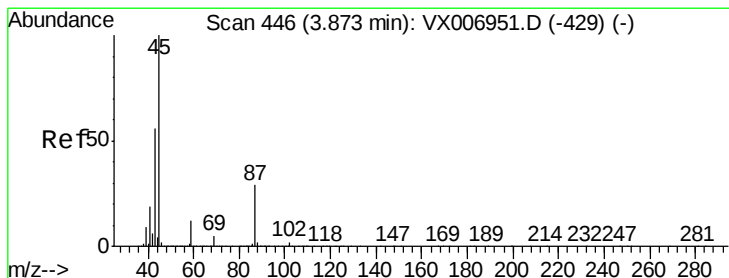
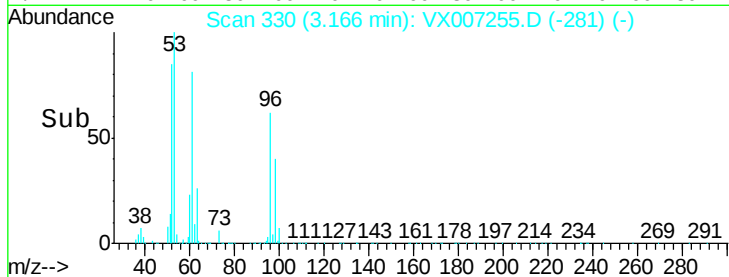
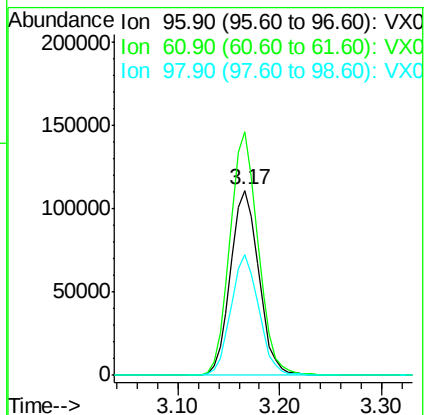
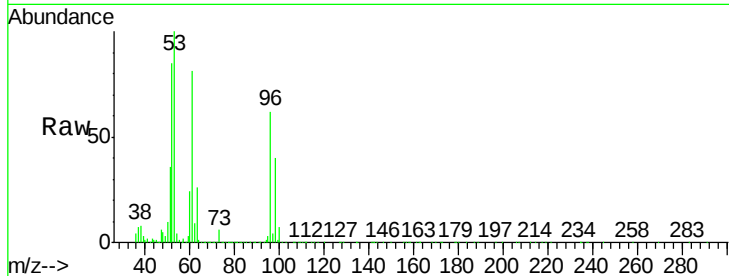
Tot Ion: 96 Resp: 212755

Ion Ratio Lower Upper

96 100

61 131.3 103.7 155.5

98 65.3 51.0 76.6



#22

Diisopropyl ether

Concen: 50.571 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

Tgt Ion: 45 Resp: 692070

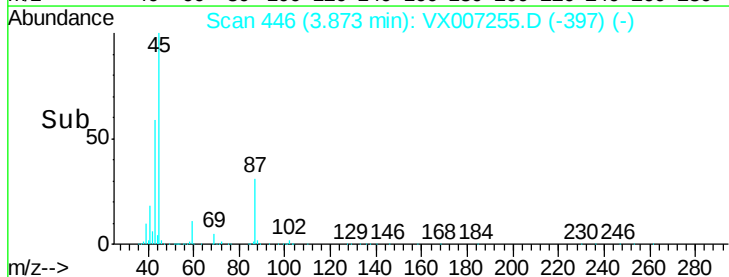
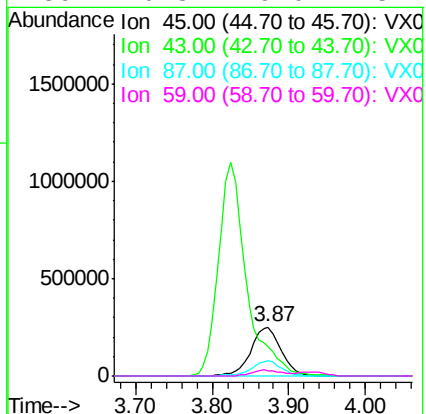
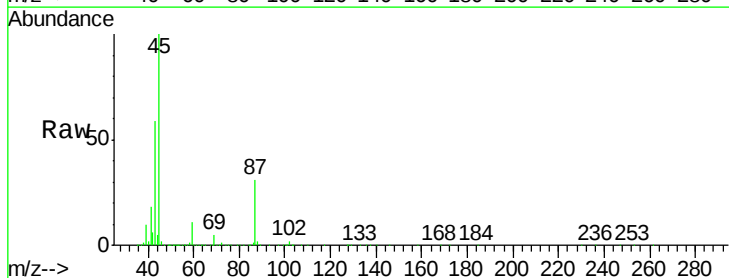
Ion Ratio Lower Upper

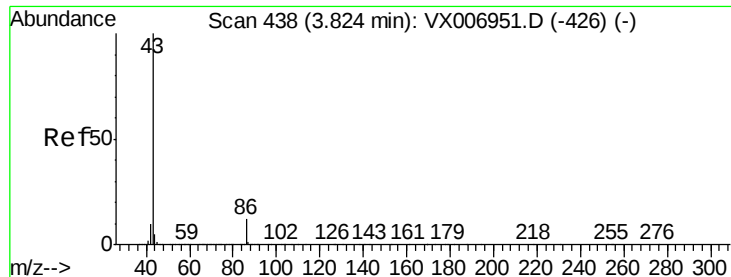
45 100

43 58.9 51.2 76.8

87 30.6 25.8 38.6

59 10.8 9.0 13.4





#23

Vinyl Acetate

Concen: 243.248 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

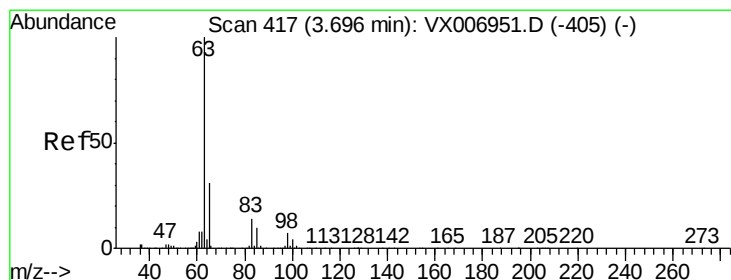
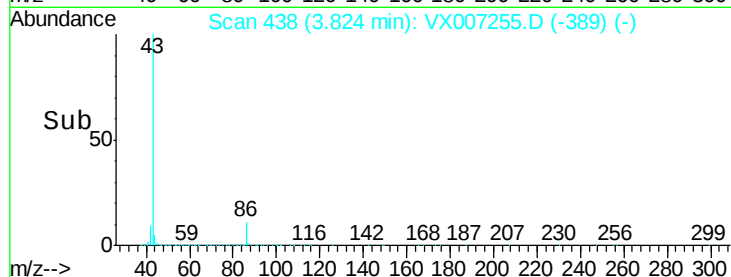
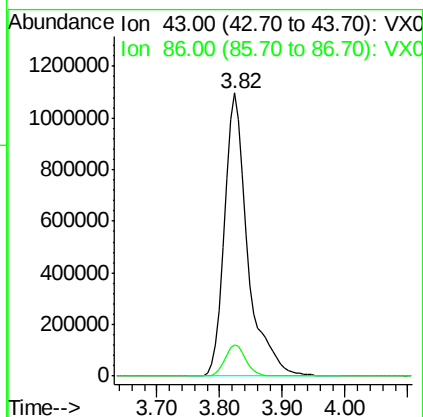
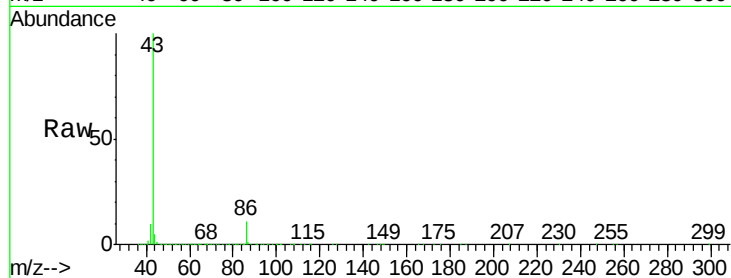
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 2807291

Ion Ratio Lower Upper

43 100

86 10.8 9.2 13.8



#24

1,1-Dichloroethane

Concen: 49.417 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

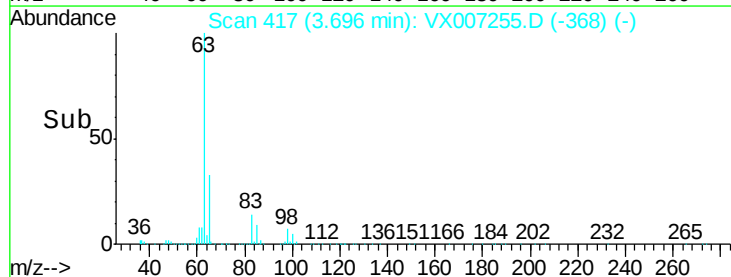
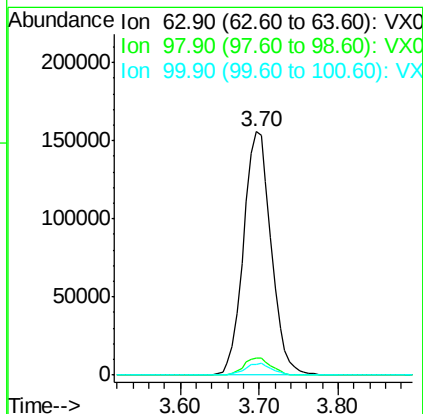
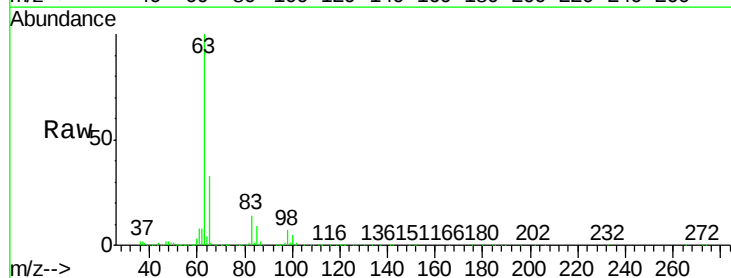
Tgt Ion: 63 Resp: 378148

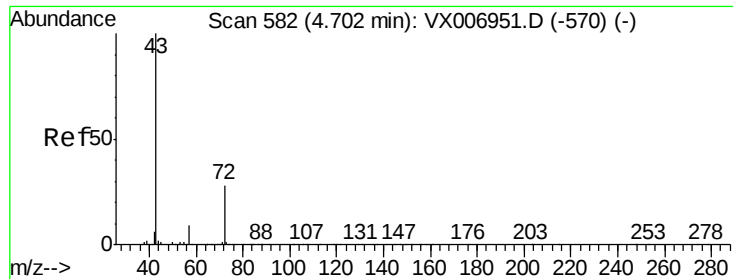
Ion Ratio Lower Upper

63 100

98 7.3 3.9 11.5

100 4.6 2.4 7.2





#25

2-Butanone

Concen: 249.841 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

Instrument :

MSVOA_X

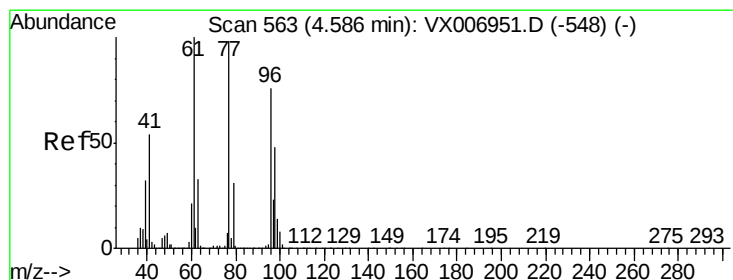
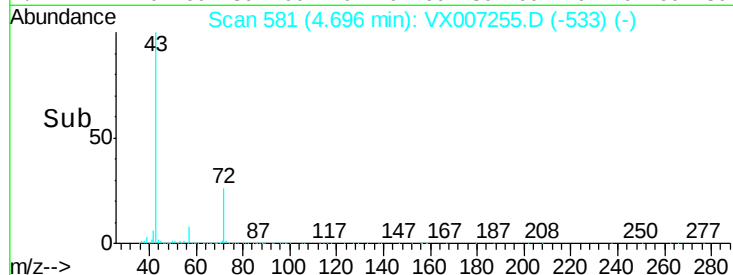
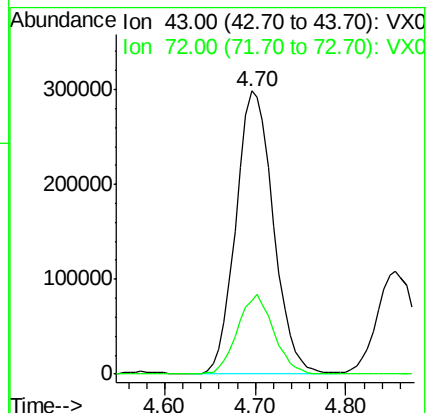
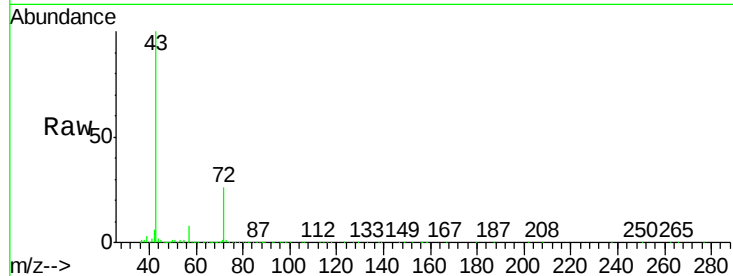
ClientSampleId :

Tot Ion: 43 Resp: 853565

Ion Ratio Lower Upper

43 100

72 25.7 22.4 33.6



#26

2,2-Dichloropropane

Concen: 35.706 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007255.D

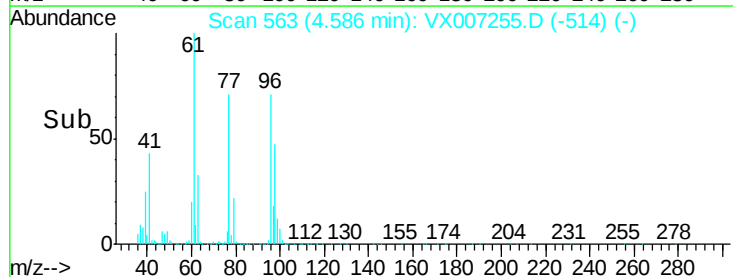
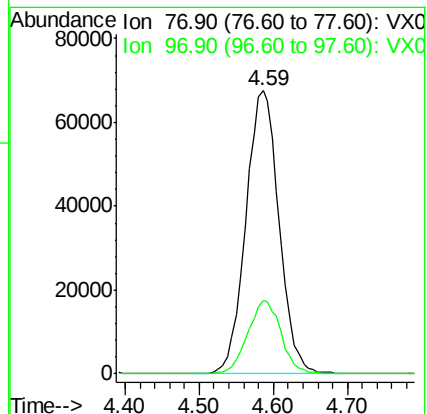
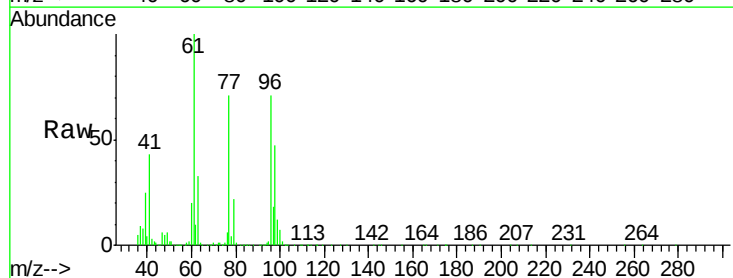
Acq: 26 Jan 2019 02:54

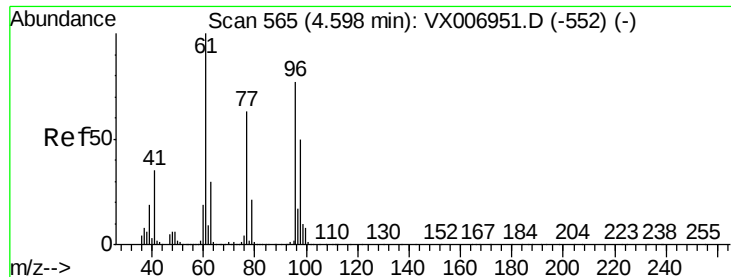
Tgt Ion: 77 Resp: 210100

Ion Ratio Lower Upper

77 100

97 26.2 12.4 37.4



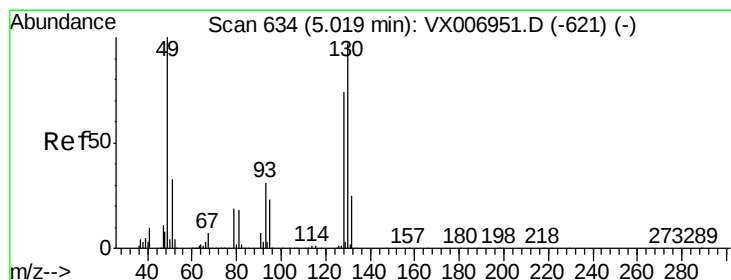
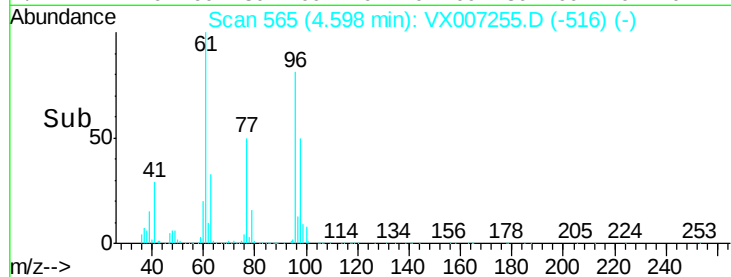
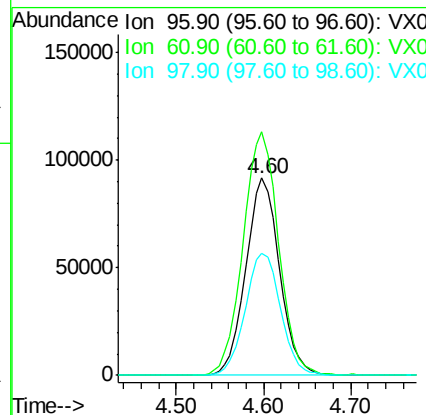
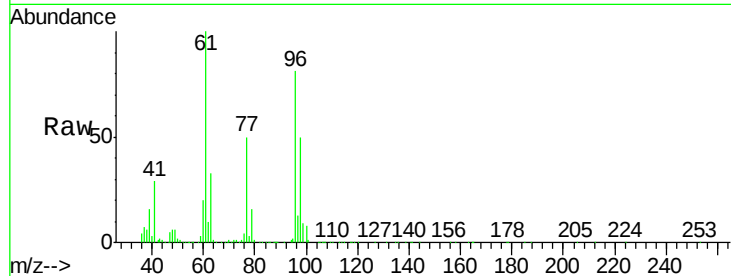


#27

cis-1,2-Dichloroethene
Concen: 47.262 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

Instrument :
MSVOA_X
ClientSampleId :

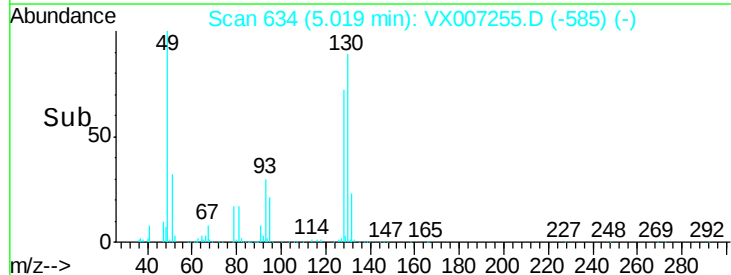
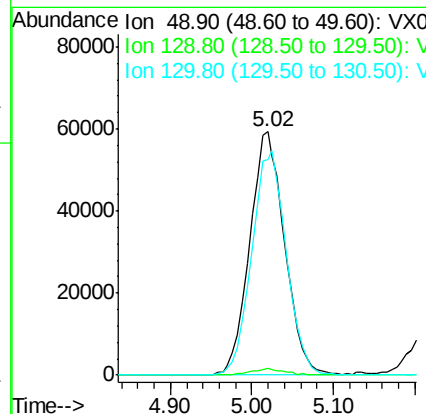
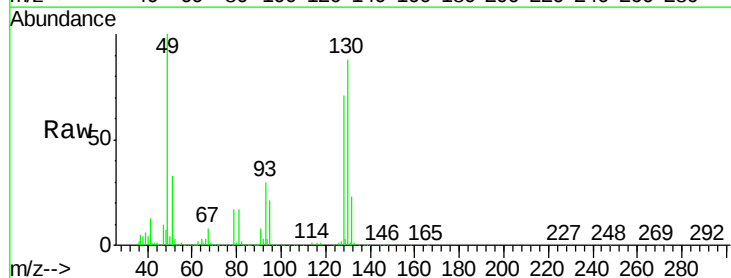
Tot Ion: 96 Resp: 246752
Ion Ratio Lower Upper
96 100
61 129.2 0.0 258.6
98 65.0 0.0 132.0

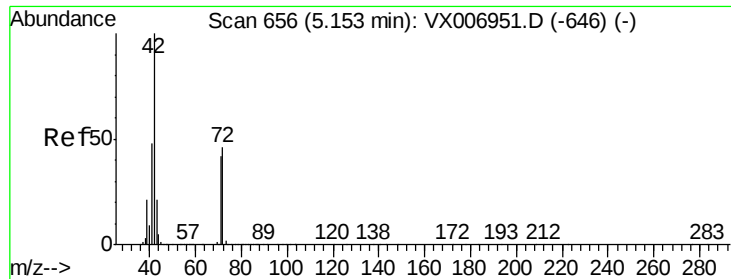


#28

Bromochloromethane
Concen: 52.550 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

Tgt Ion: 49 Resp: 176182
Ion Ratio Lower Upper
49 100
129 2.5 0.0 5.4
130 91.8 77.7 116.5

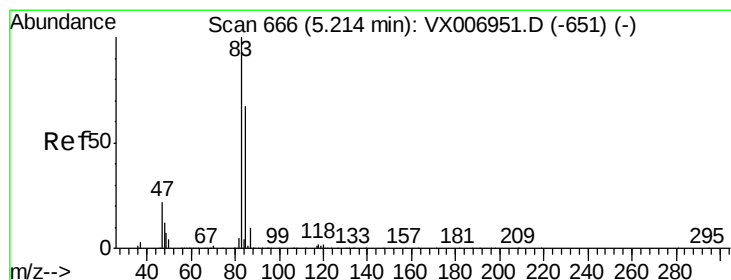
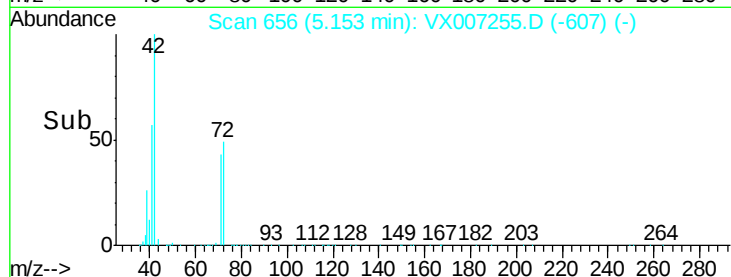
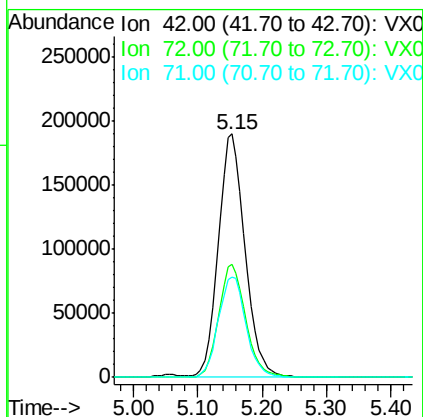
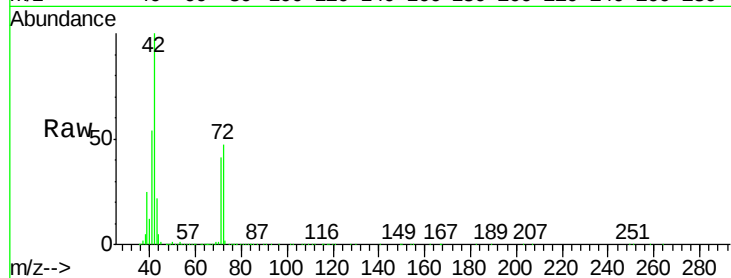




#29
Tetrahydrofuran
Concen: 249.529 ug/l
RT: 5.15 min Scan# 656
Delta R.T. -0.00 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

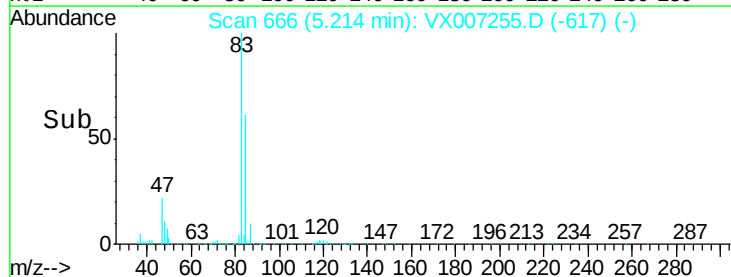
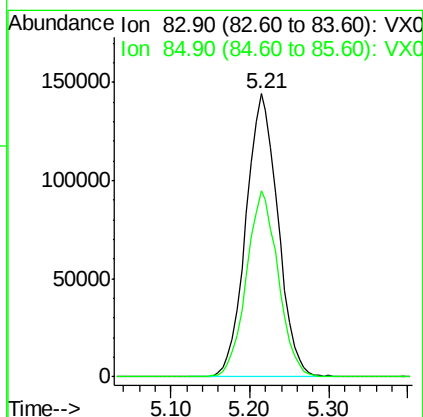
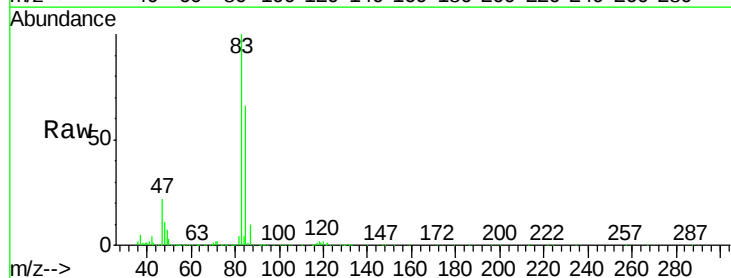
Instrument :
MSVOA_X
ClientSampled :

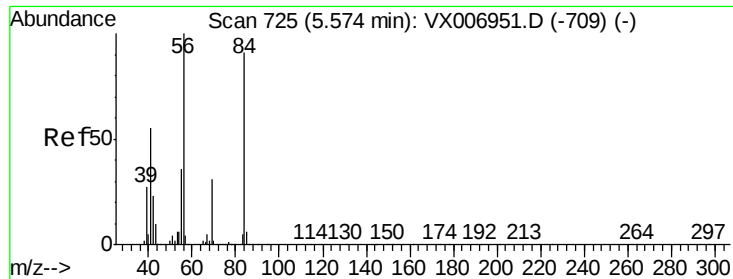
Tot Ion: 42 Resp: 554018
Ion Ratio Lower Upper
42 100
72 47.2 38.9 58.3
71 42.8 36.2 54.4



#30
Chloroform
Concen: 50.860 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

Tgt Ion: 83 Resp: 407482
Ion Ratio Lower Upper
83 100
85 65.7 51.2 76.8

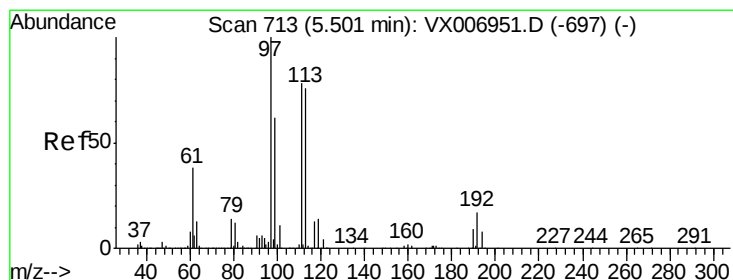
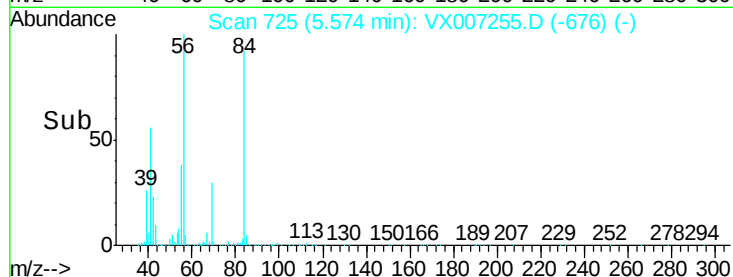
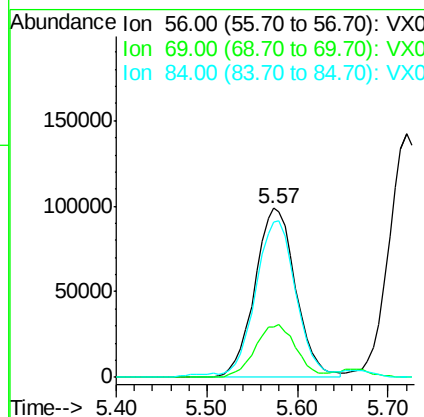
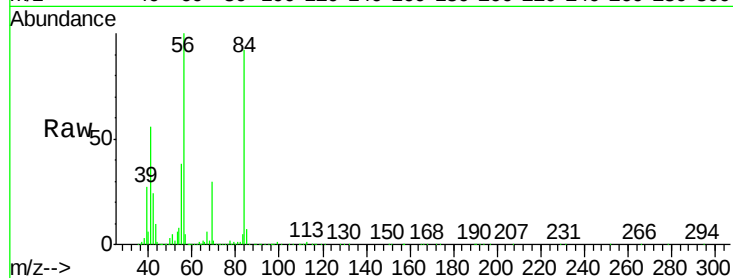




#31
Cyclohexane
Concen: 45.074 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

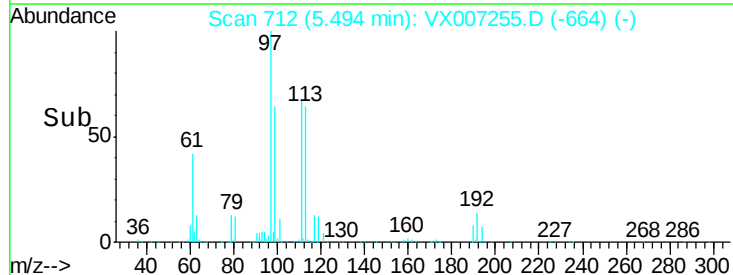
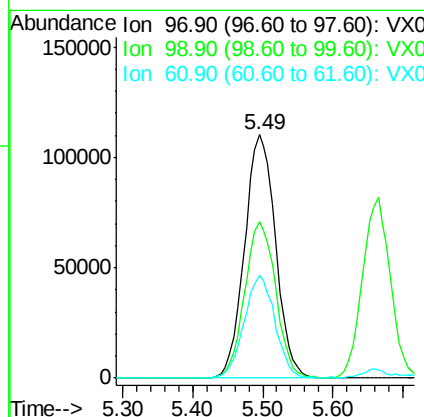
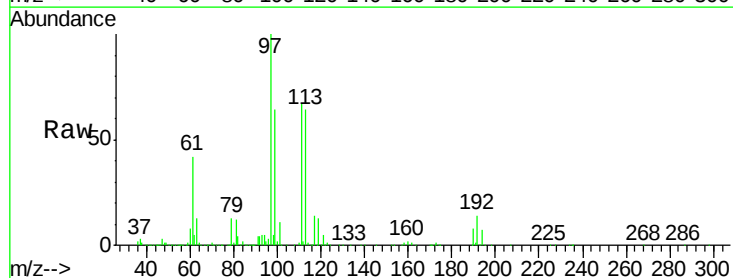
Instrument :
MSVOA_X
ClientSampleId :

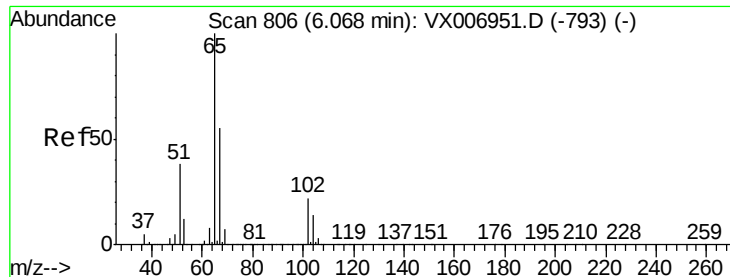
Tot Ion: 56 Resp: 306984
Ion Ratio Lower Upper
56 100
69 29.7 24.4 36.6
84 90.6 70.0 105.0



#32
1,1,1-Trichloroethane
Concen: 50.015 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

Tgt Ion: 97 Resp: 339648
Ion Ratio Lower Upper
97 100
99 64.3 51.7 77.5
61 41.6 31.3 46.9

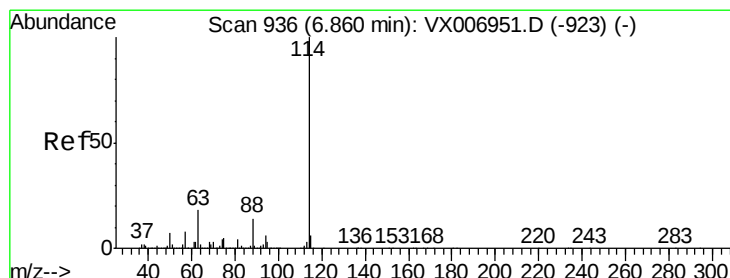
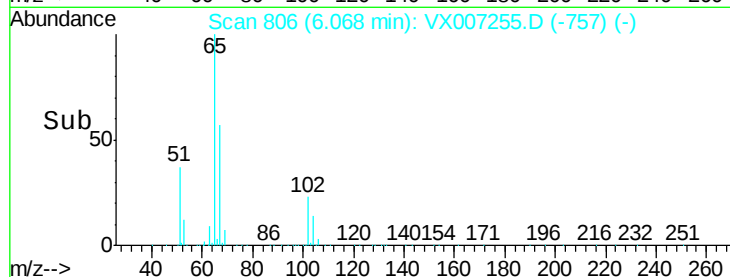
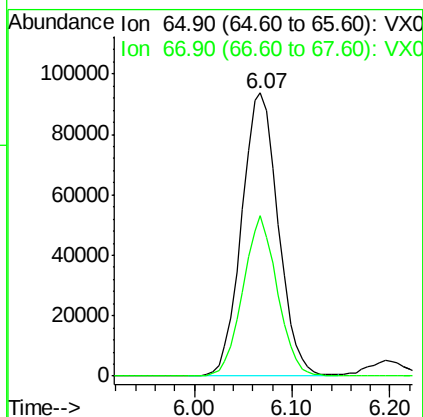
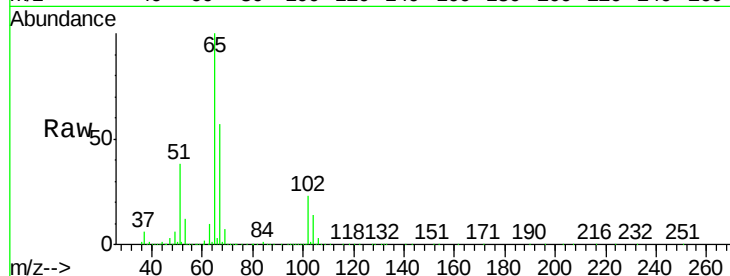




#33
 1,2-Dichloroethane-d4
 Concen: 50.322 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX007255.D
 Acq: 26 Jan 2019 02:54

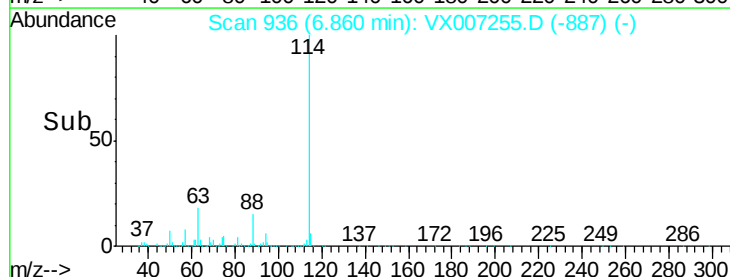
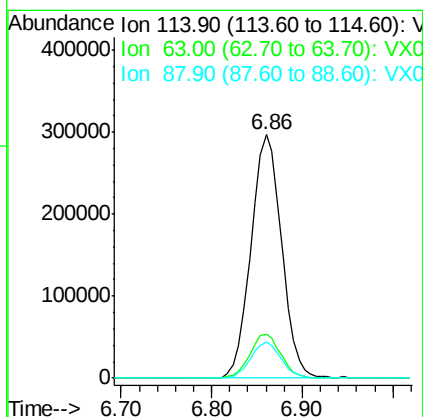
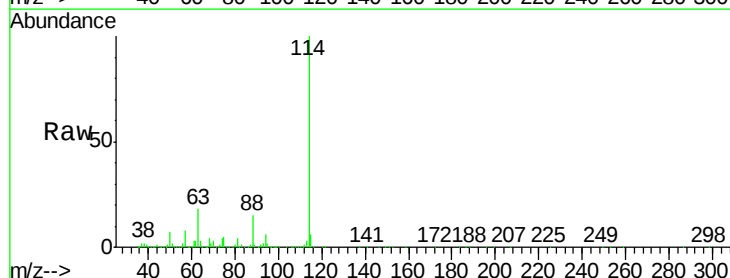
Instrument :
 MSVOA_X
 ClientSampled :

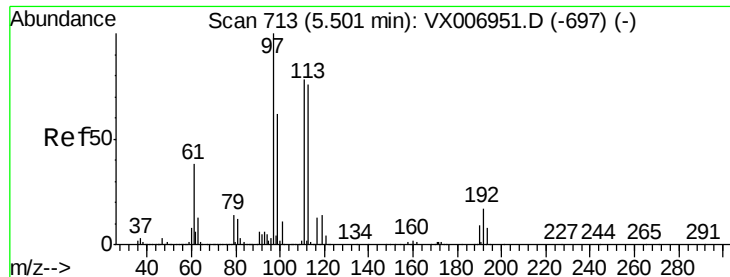
Tot Ion: 65 Resp: 243046
 Ion Ratio Lower Upper
 65 100
 67 53.5 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX007255.D
 Acq: 26 Jan 2019 02:54

Tgt Ion: 114 Resp: 693076
 Ion Ratio Lower Upper
 114 100
 63 17.8 0.0 34.8
 88 15.0 0.0 28.8





#35

Dibromofluoromethane

Concen: 50.635 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

Instrument :
MSVOA_X
ClientSampled :

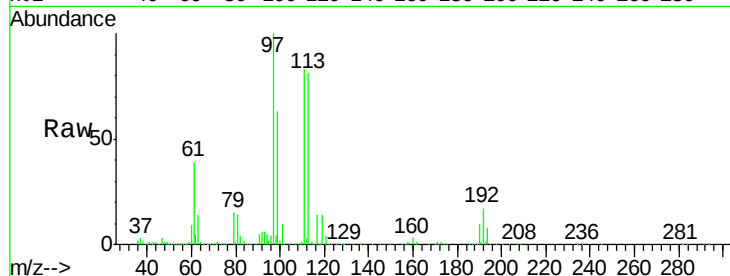
Tot Ion:113 Resp: 224740

Ion Ratio Lower Upper

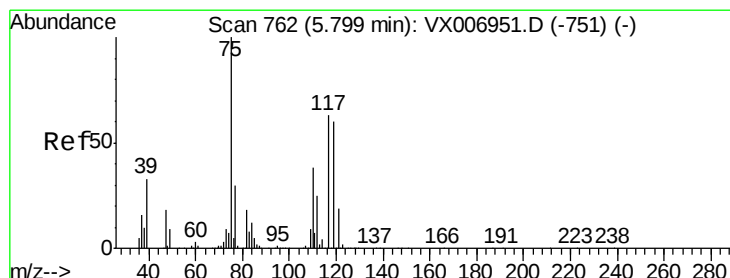
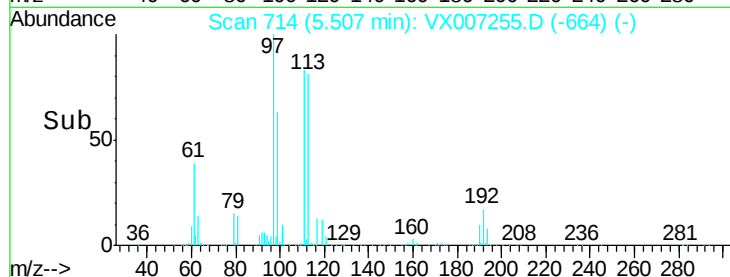
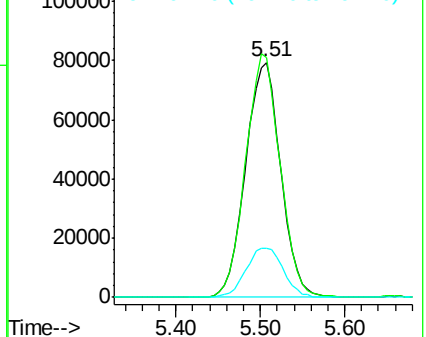
113 100

111 101.7 81.6 122.4

192 22.3 16.7 25.1



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.592 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

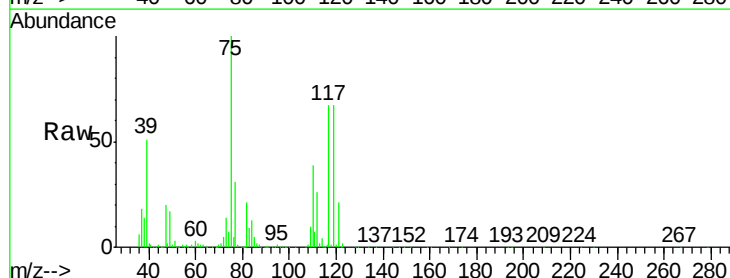
Tgt Ion: 75 Resp: 274726

Ion Ratio Lower Upper

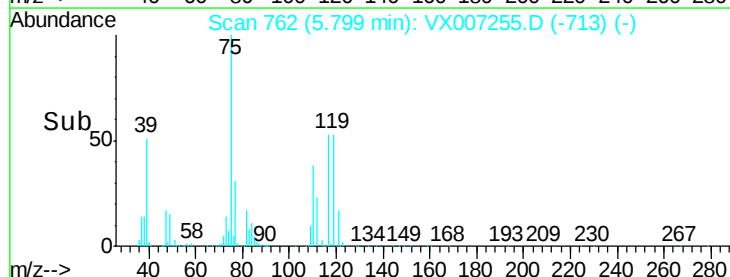
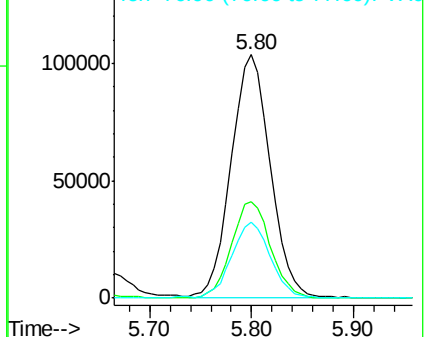
75 100

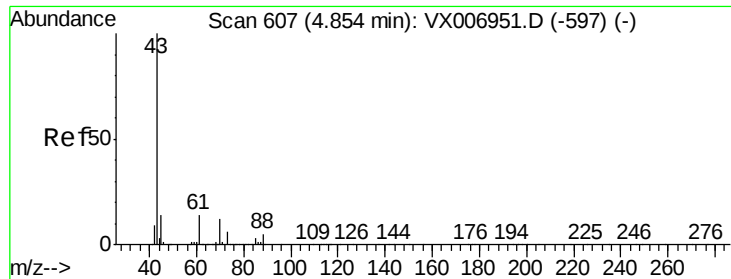
110 39.7 20.2 60.5

77 30.9 24.8 37.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

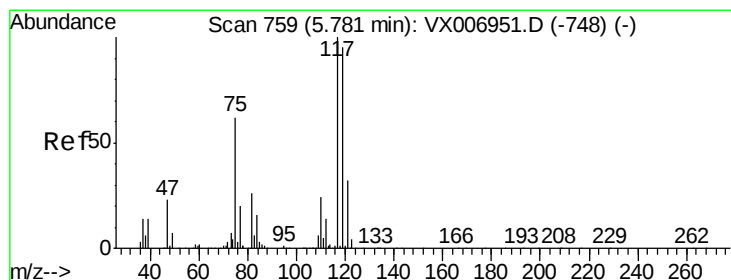
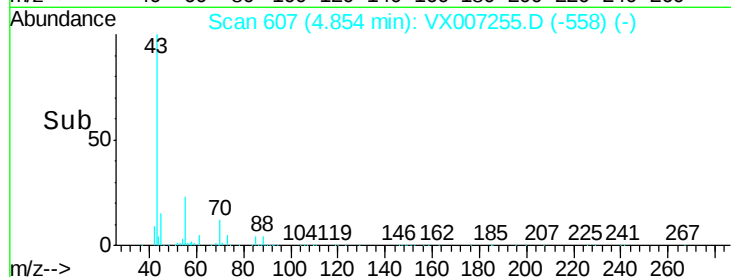
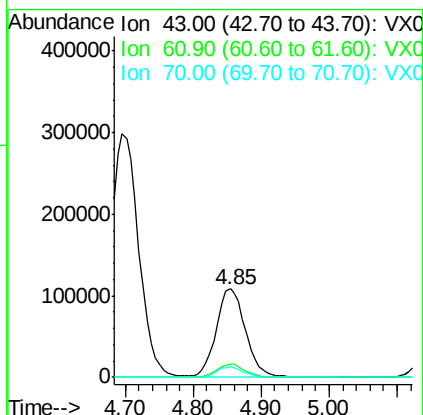
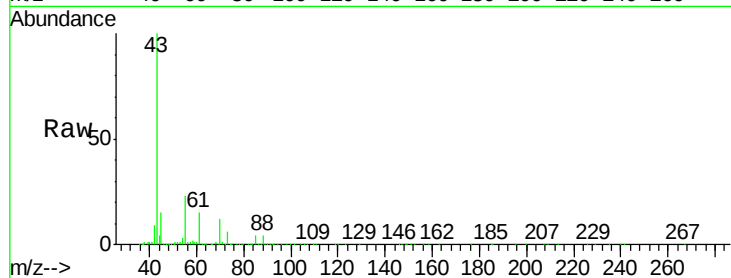




#37
Ethyl Acetate
Concen: 49.608 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

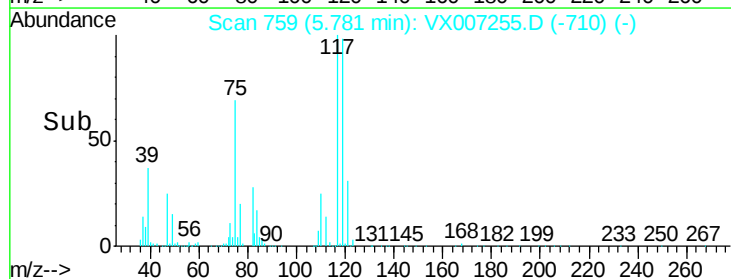
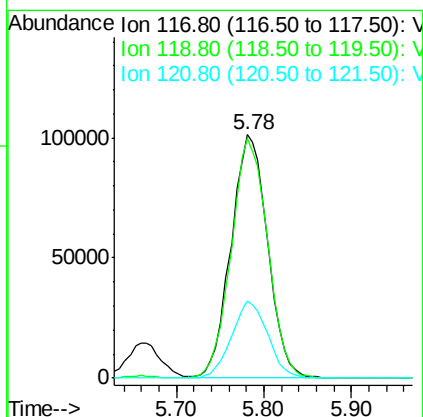
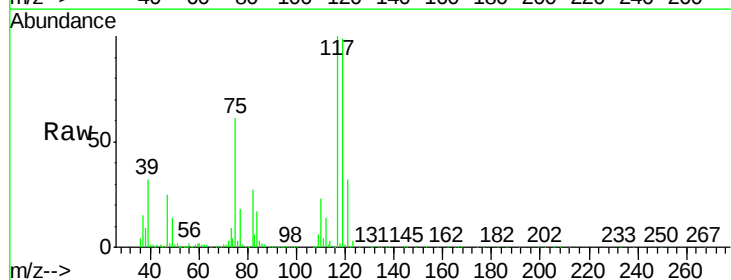
Instrument :
MSVOA_X
ClientSampleId :

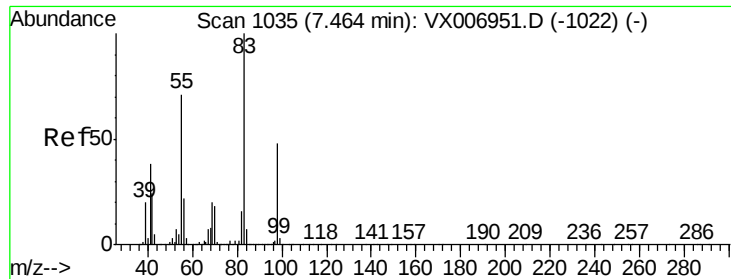
Tot Ion: 43 Resp: 320477
Ion Ratio Lower Upper
43 100
61 14.8 11.9 17.9
70 11.0 9.7 14.5



#38
Carbon Tetrachloride
Concen: 48.506 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

Tgt Ion: 117 Resp: 294073
Ion Ratio Lower Upper
117 100
119 98.5 79.4 119.2
121 31.5 24.0 36.0

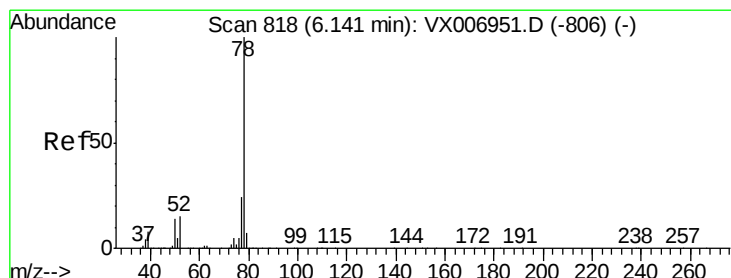
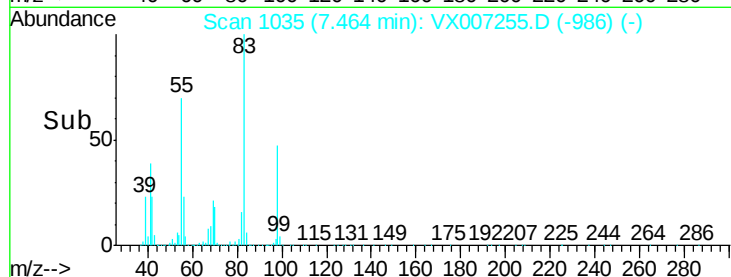
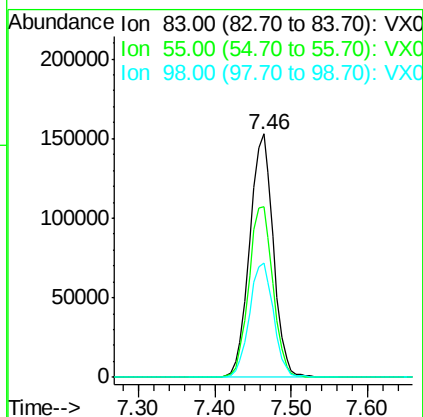
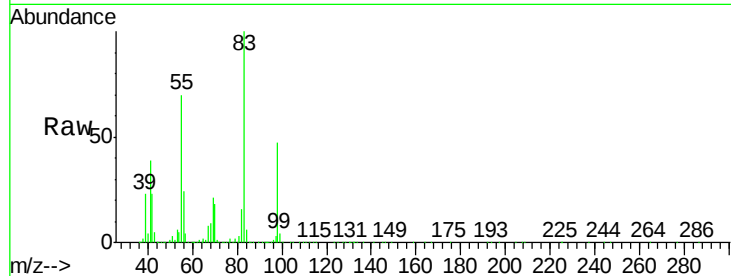




#39
Methvlcvclohexane
Concen: 42.982 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

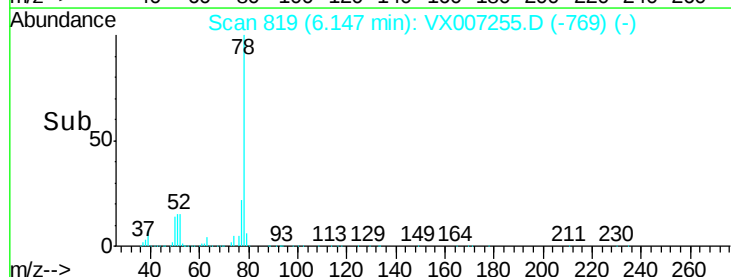
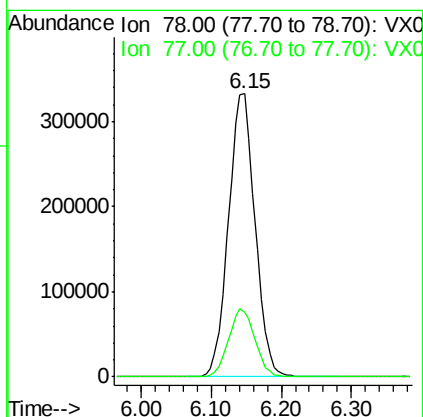
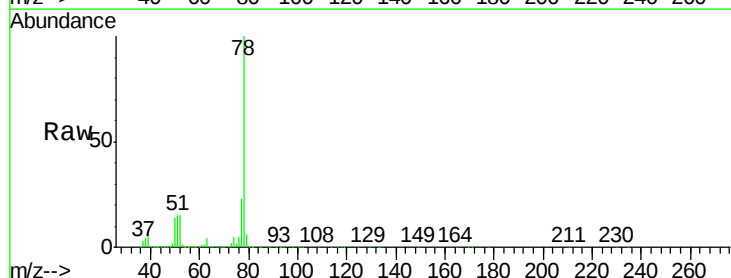
Instrument :
MSVOA_X
ClientSampleId :

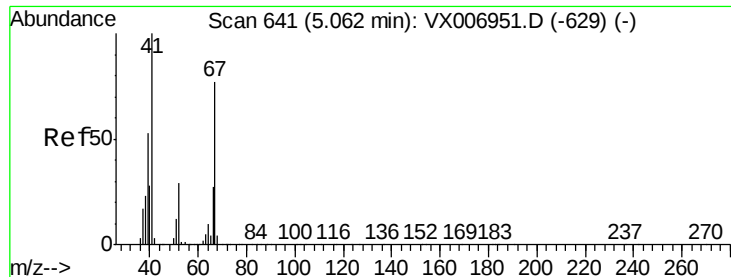
Tot Ion	83.00	Resp	330181
Ion	Ratio	Lower	Upper
83	100		
55	70.1	54.9	82.3
98	47.0	37.9	56.9



#40
Benzene
Concen: 47.705 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

Tgt Ion	78.00	Resp	877126
Ion	Ratio	Lower	Upper
78	100		
77	22.9	19.2	28.8

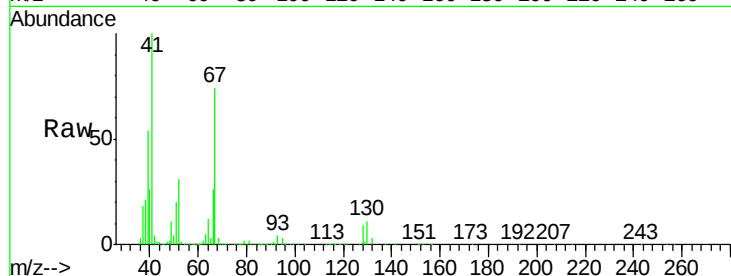




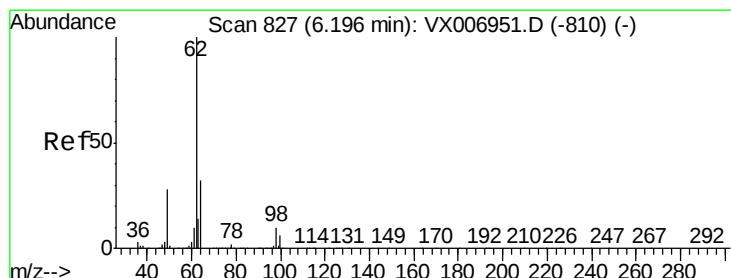
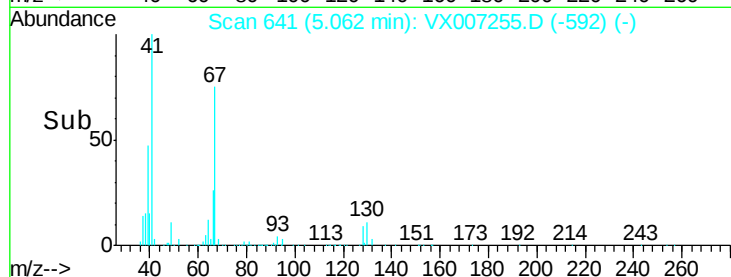
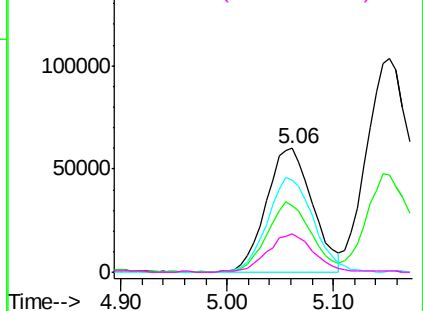
#41
Methacrylonitrile
Concen: 48.748 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	181419
Ion	Ratio	Lower	Upper
41	100		
39	53.4	42.8	64.2
67	75.8	62.1	93.1
52	30.5	23.4	35.0

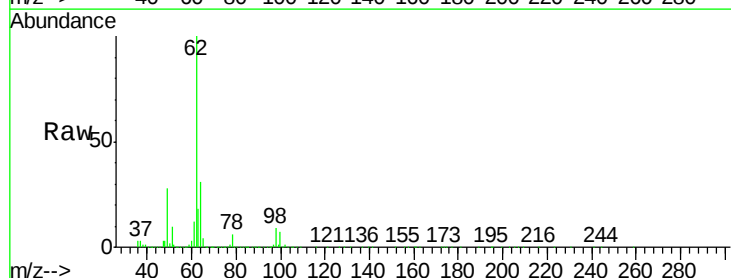


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

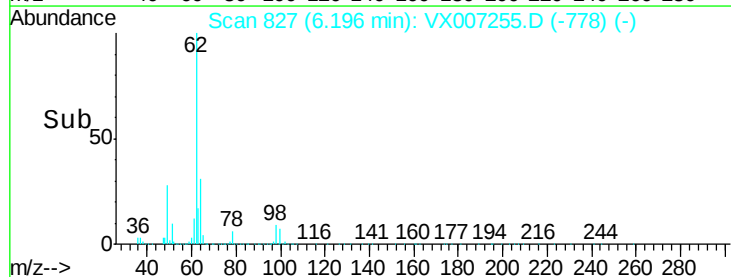
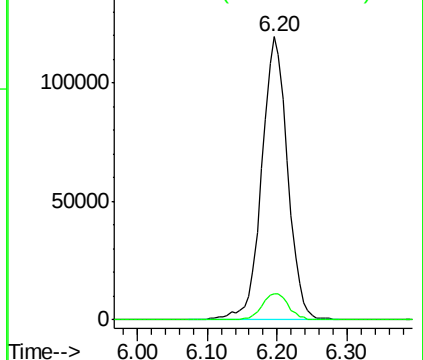


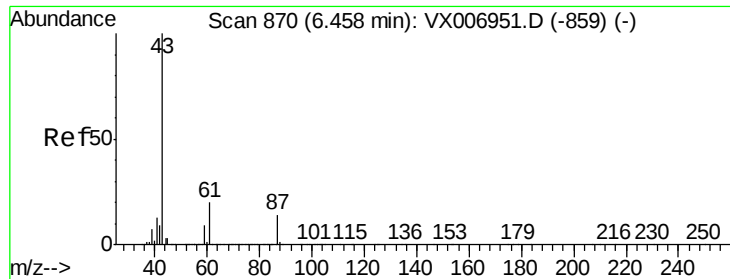
#42
1,2-Dichloroethane
Concen: 48.129 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

Tgt Ion:	62	Resp:	305791
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



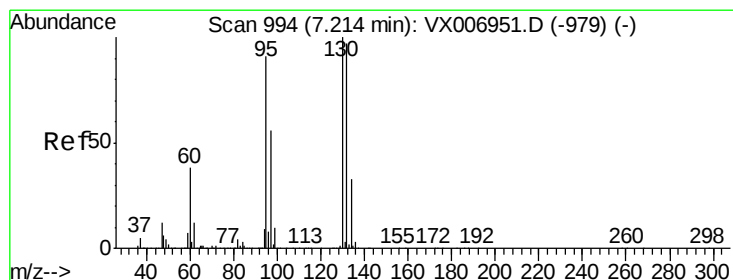
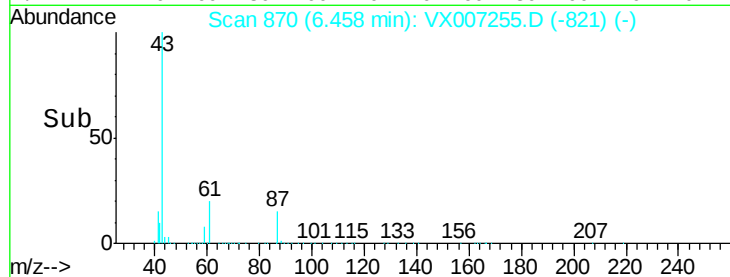
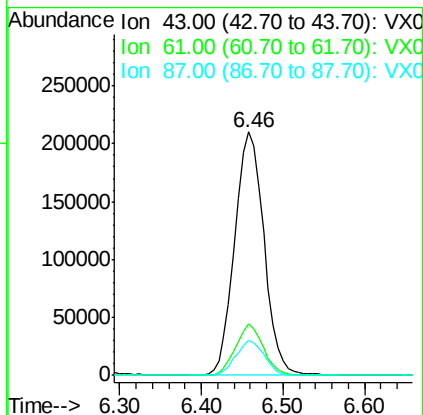
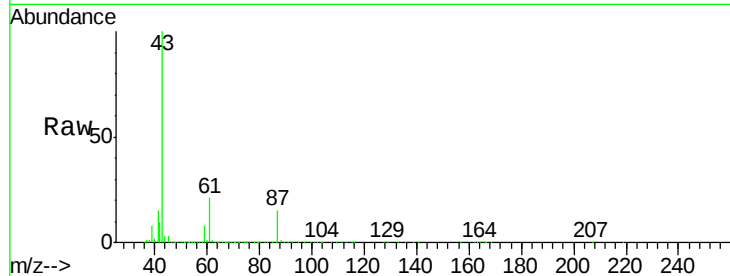


#43

Isopropyl Acetate
 Concen: 51.046 ug/l
 RT: 6.46 min Scan# 870
 Delta R.T. -0.00 min
 Lab File: VX007255.D
 Acq: 26 Jan 2019 02:54

Instrument :
 MSVOA_X
 ClientSampled :

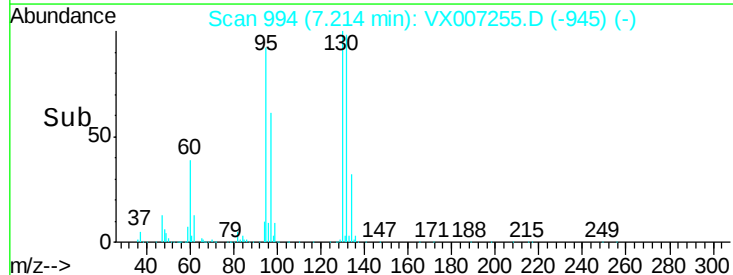
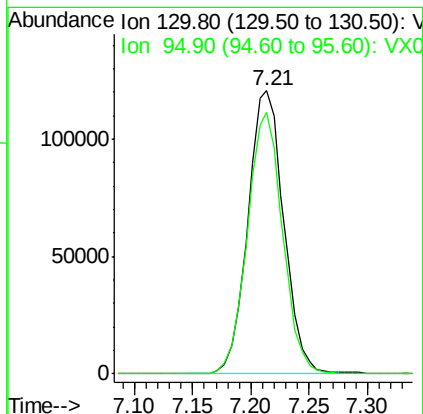
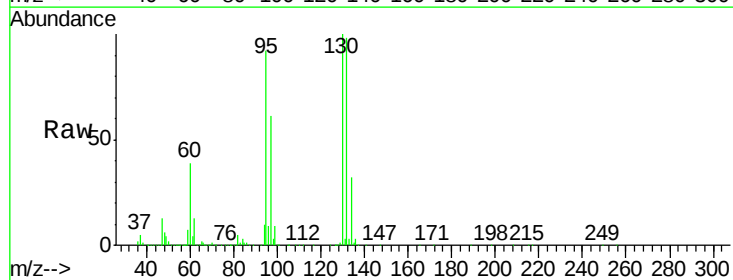
Tot Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.8	25.2
87	14.2	12.4	18.6

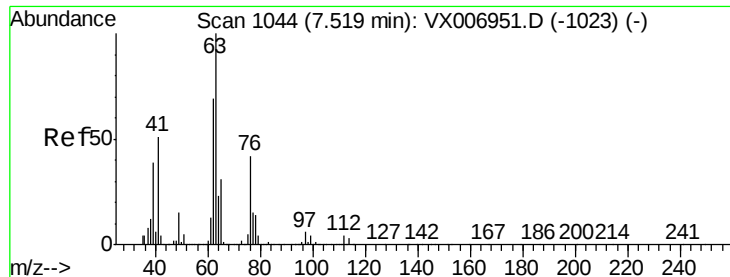


#44

Trichloroethene
 Concen: 47.054 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX007255.D
 Acq: 26 Jan 2019 02:54

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.4	0.0	187.0





#45

1,2-Dichloropropane

Concen: 49.707 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

Instrument :

MSVOA_X

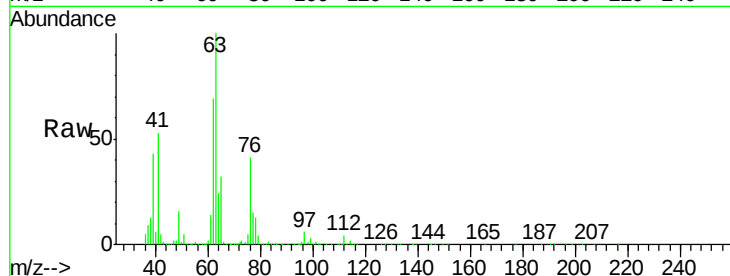
ClientSampleId :

Tot Ion: 63 Resp: 229767

Ion Ratio Lower Upper

63 100

65 31.9 25.4 38.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.51

120000

100000

80000

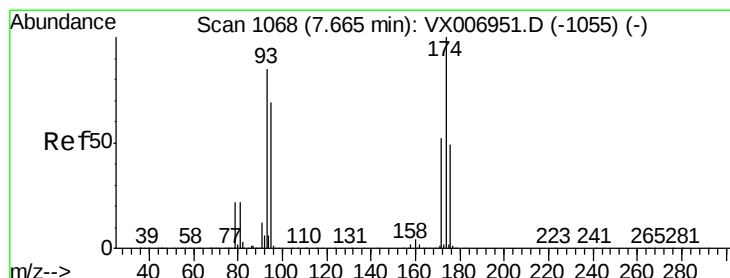
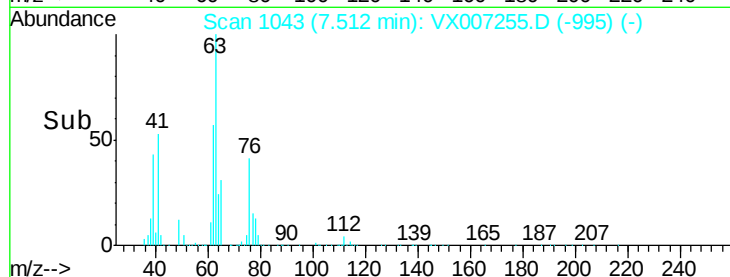
60000

40000

20000

0

Time--> 7.30 7.40 7.50 7.60



#46

Dibromomethane

Concen: 49.620 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

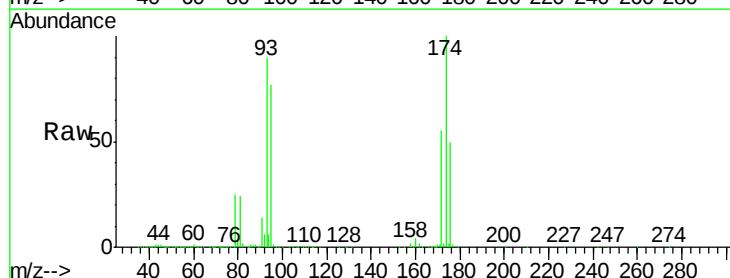
Tgt Ion: 93 Resp: 161198

Ion Ratio Lower Upper

93 100

95 83.3 66.2 99.4

174 118.6 91.0 136.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

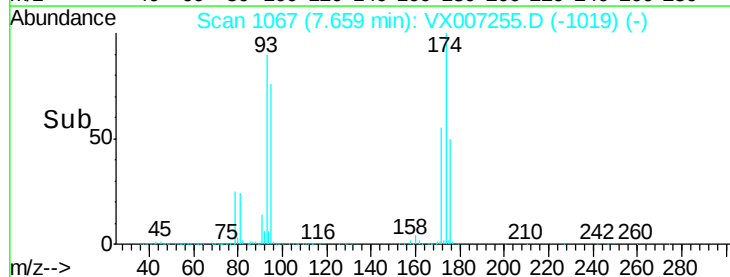
7.66

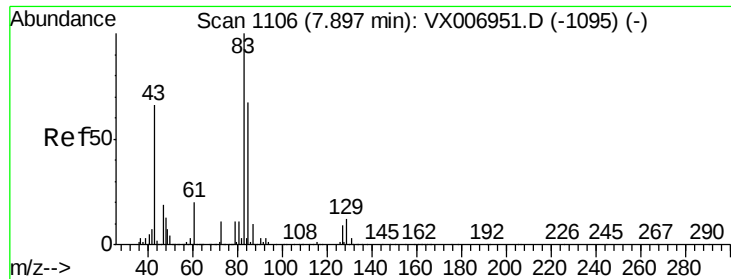
100000

50000

0

Time--> 7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 52.967 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

Instrument :
MSVOA_X
ClientSampleId :

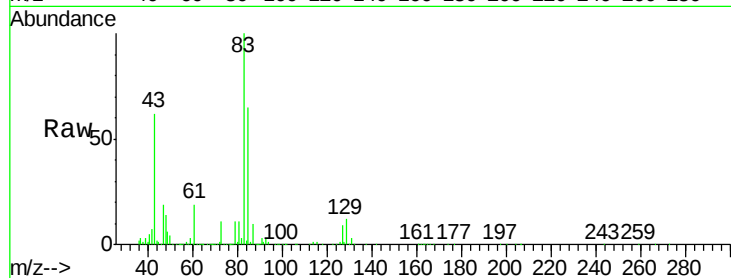
Tot Ion: 83 Resp: 292888

Ion Ratio Lower Upper

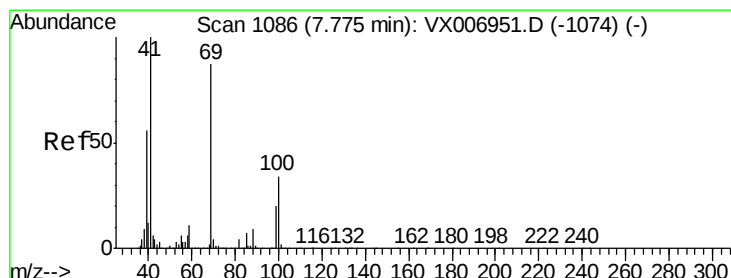
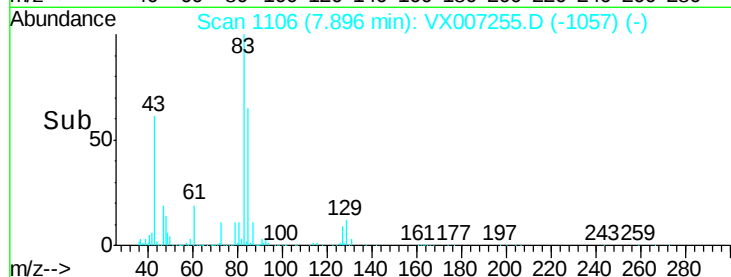
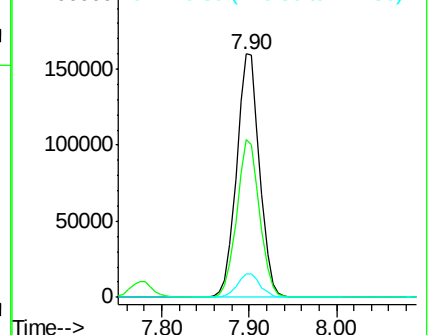
83 100

85 64.9 53.2 79.8

127 9.4 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 50.551 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

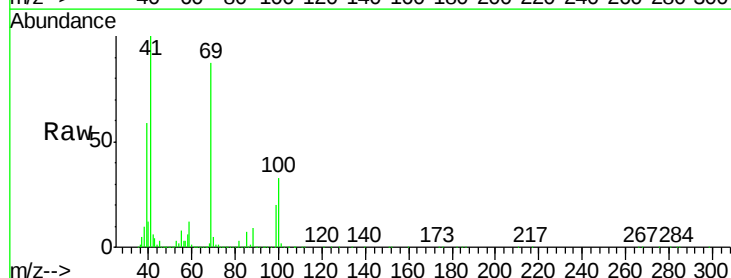
Tgt Ion: 41 Resp: 264528

Ion Ratio Lower Upper

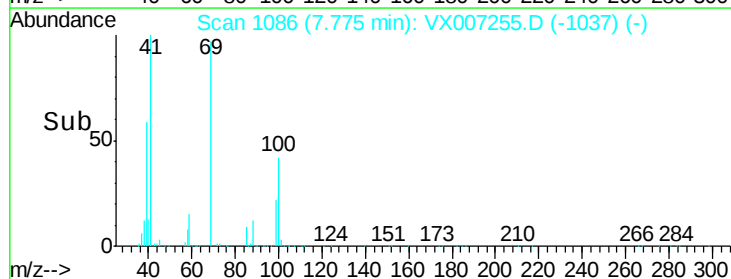
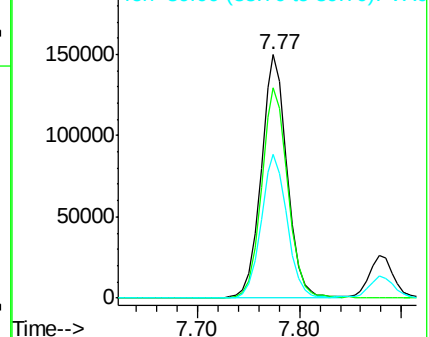
41 100

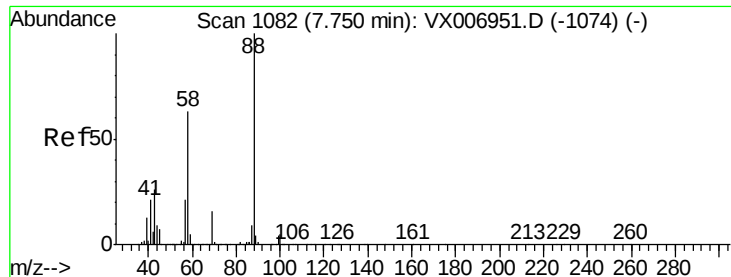
69 87.5 72.4 108.6

39 59.0 45.8 68.8



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 991.152 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

Instrument :
MSVOA_X
ClientSampleId :

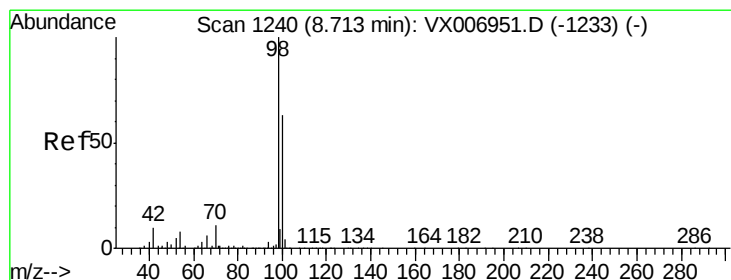
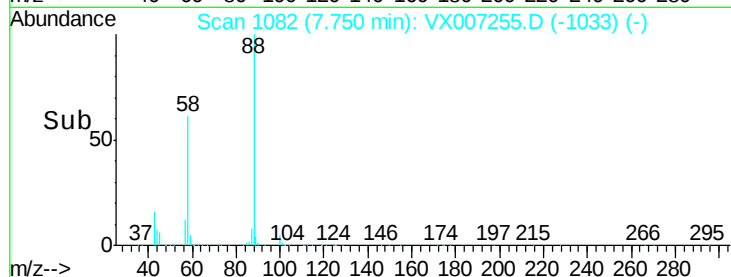
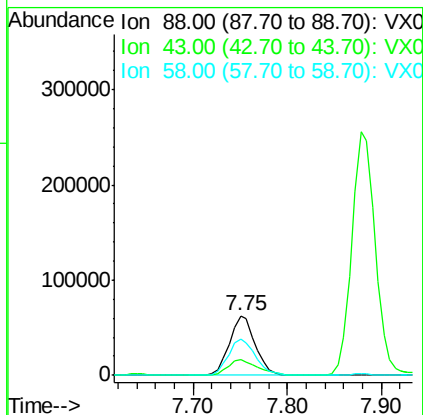
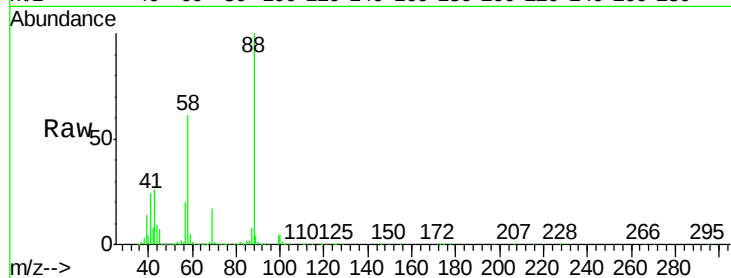
Tot Ion: 88 Resp: 118456

Ion Ratio Lower Upper

88 100

43 29.7 22.2 33.4

58 64.6 51.0 76.4



#50

Toluene-d8

Concen: 49.718 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007255.D

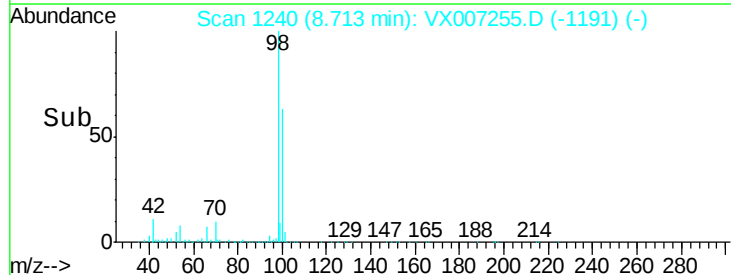
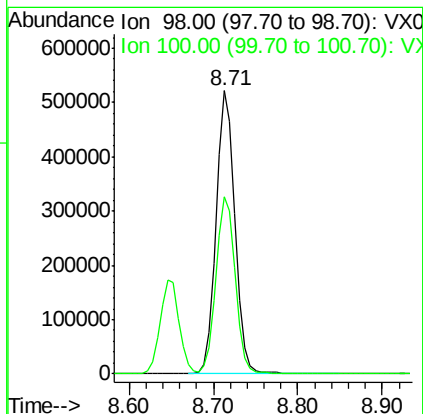
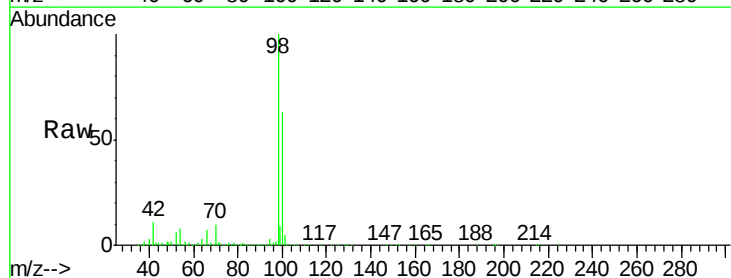
Acq: 26 Jan 2019 02:54

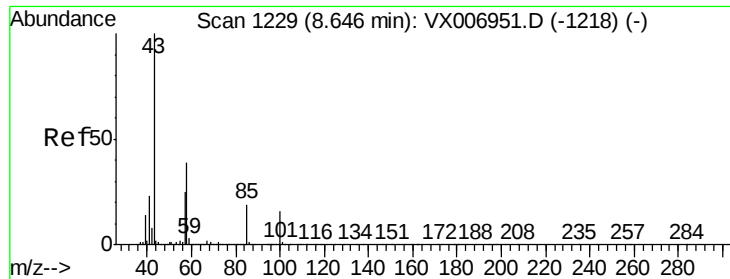
Tgt Ion: 98 Resp: 807724

Ion Ratio Lower Upper

98 100

100 64.5 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 259.131 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

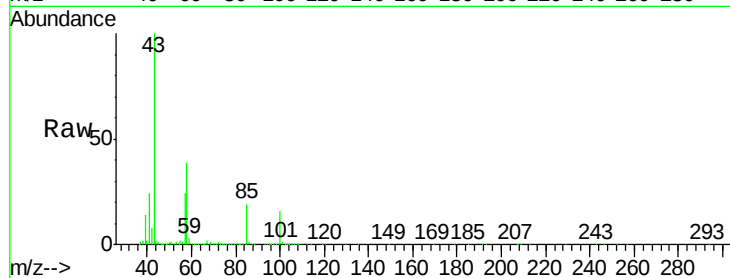
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1696970

Ion Ratio Lower Upper

43 100

58 39.0 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX006951.D (-1218) (-)

Ion 58.00 (57.70 to 58.70): VX006951.D (-1218) (-)

8.65

1200000

1000000

800000

600000

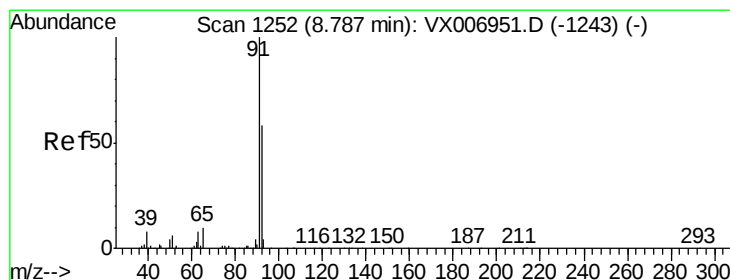
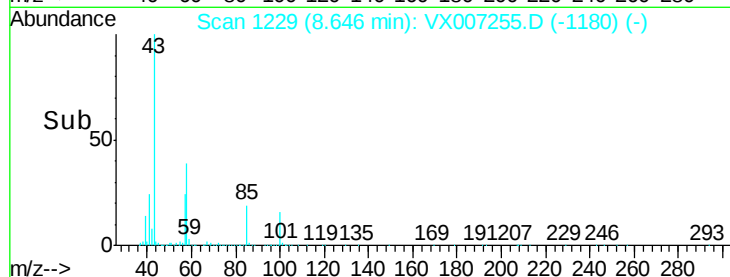
400000

200000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 48.482 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX007255.D

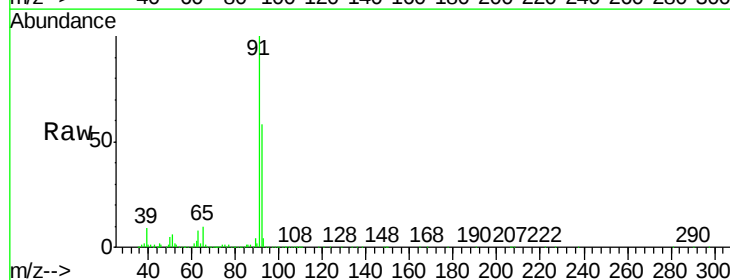
Acq: 26 Jan 2019 02:54

Tgt Ion: 92 Resp: 572937

Ion Ratio Lower Upper

92 100

91 175.0 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX006951.D (-1243) (-)

Ion 91.00 (90.70 to 91.70): VX006951.D (-1243) (-)

8.79

600000

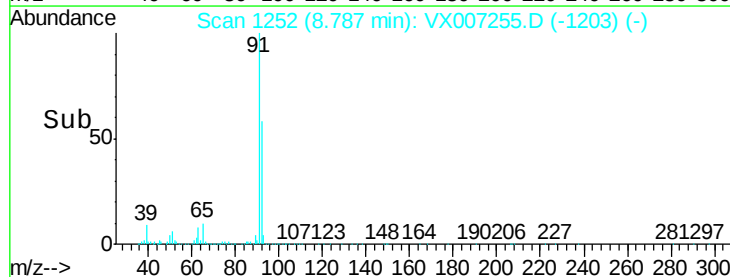
400000

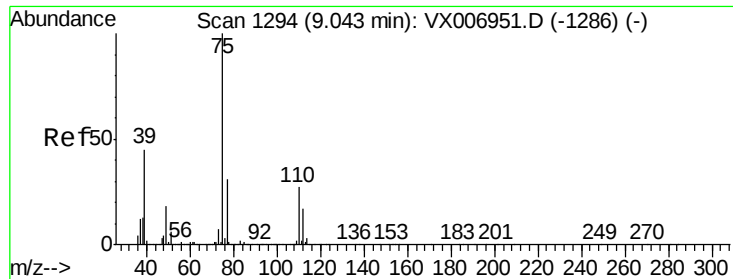
200000

0

8.70 8.80 8.90

Time-->





#53

t-1,3-Dichloropropene

Concen: 49.759 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

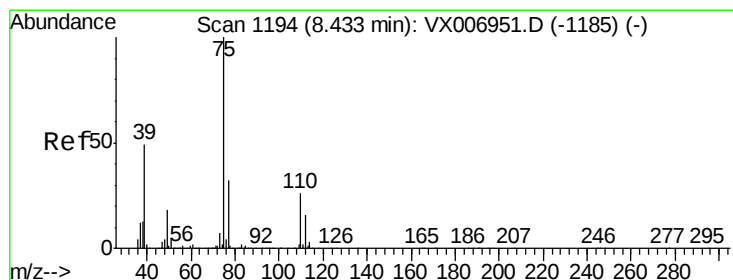
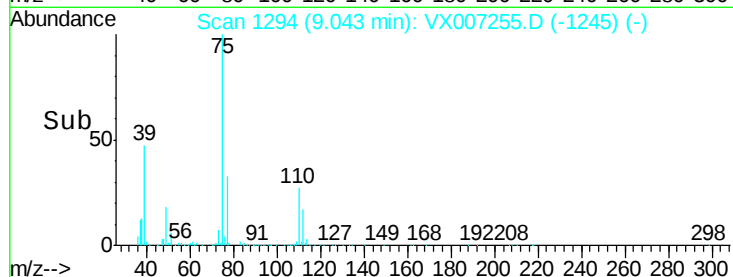
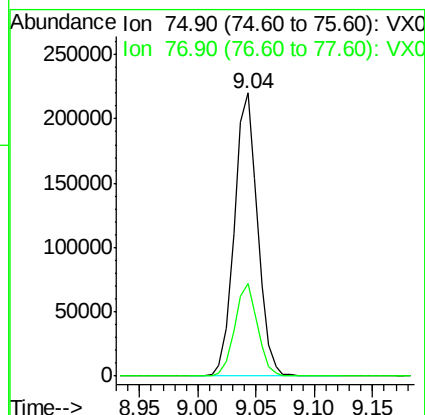
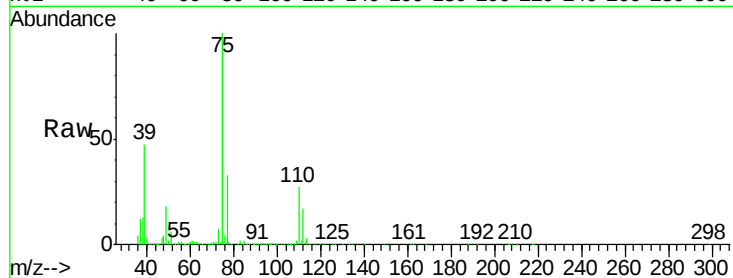
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 75 Resp: 305104

Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 49.974 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

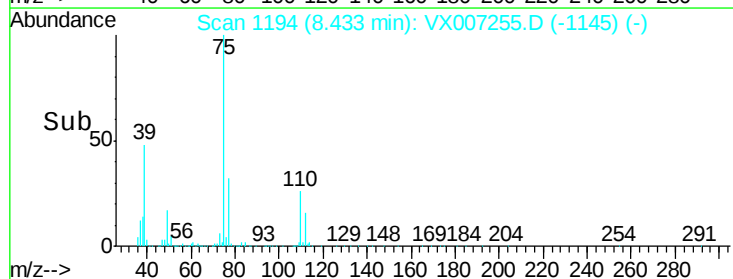
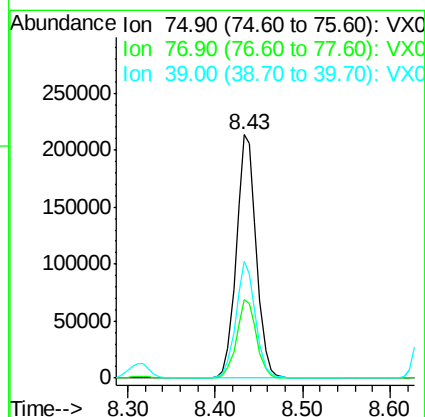
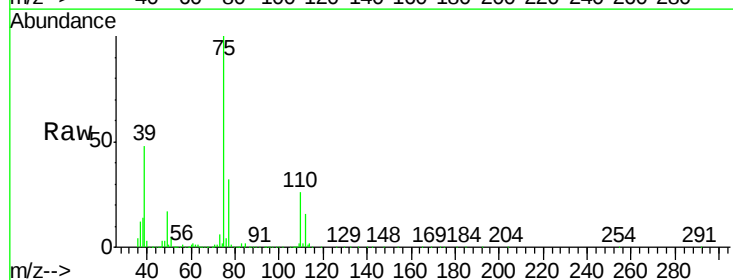
Tgt Ion: 75 Resp: 338392

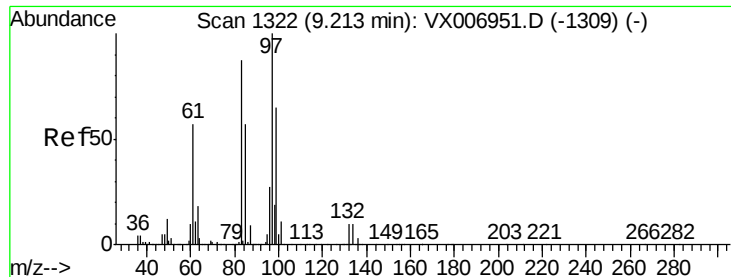
Ion Ratio Lower Upper

75 100

77 32.1 26.2 39.2

39 47.9 36.7 55.1





#55

1,1,2-Trichloroethane

Concen: 53.148 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 97 Resp: 251397

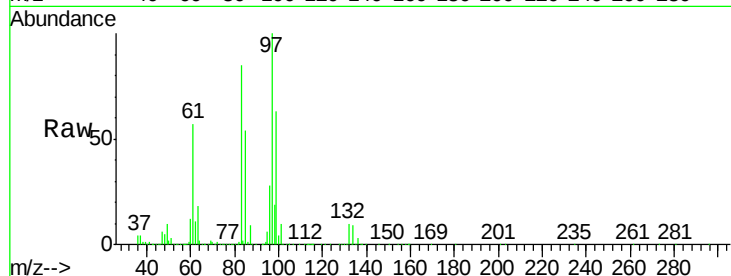
Ion Ratio Lower Upper

97 100

83 85.5 66.6 99.8

85 53.8 42.7 64.1

99 63.1 50.8 76.2

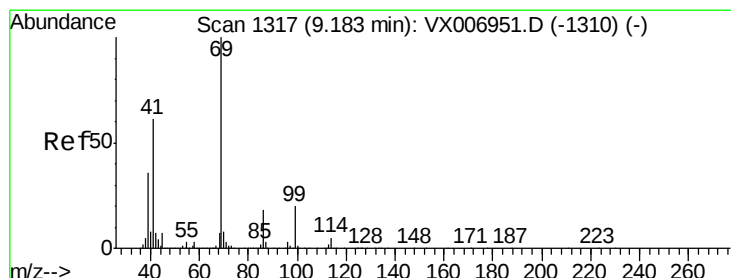
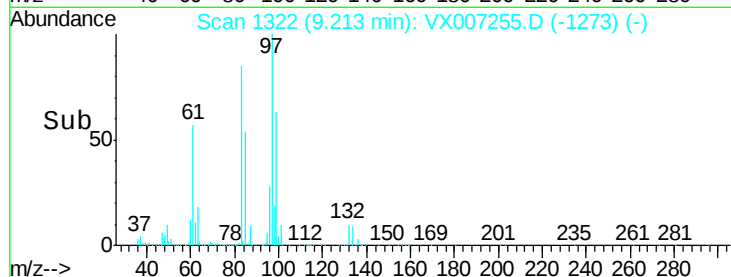
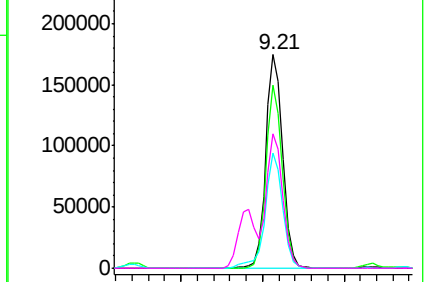


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 51.226 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

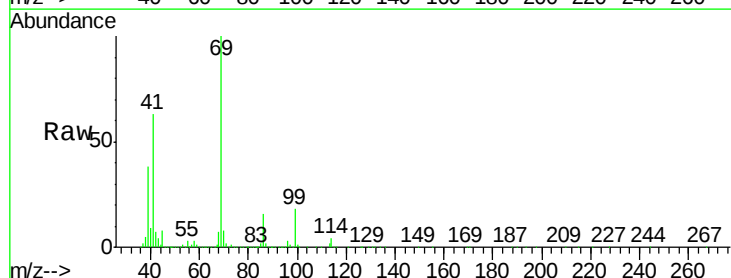
Tgt Ion: 69 Resp: 353733

Ion Ratio Lower Upper

69 100

41 64.0 48.7 73.1

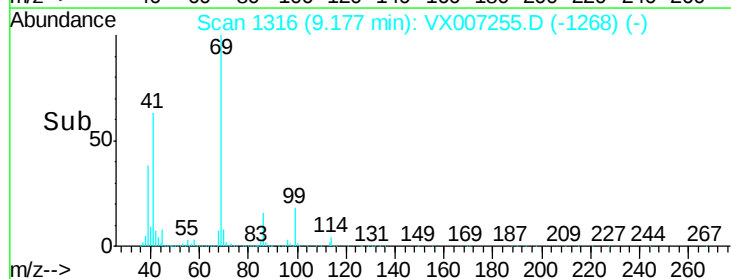
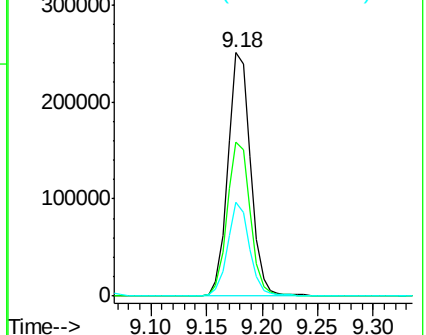
39 36.9 27.0 40.6

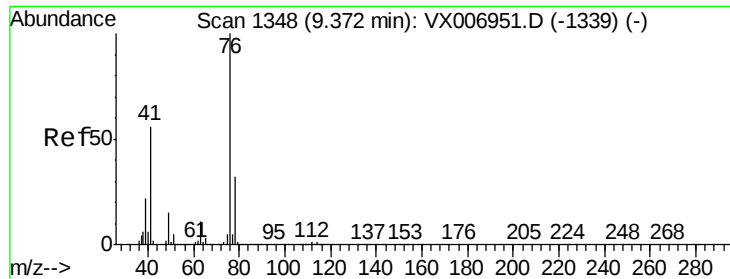


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

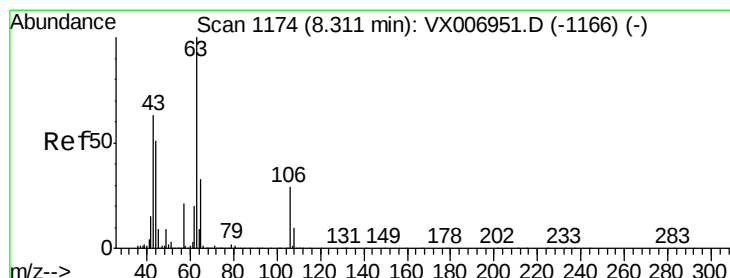
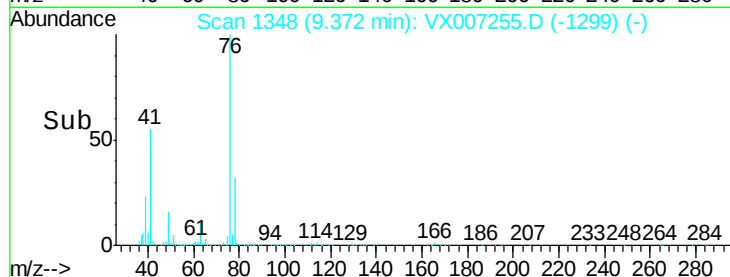
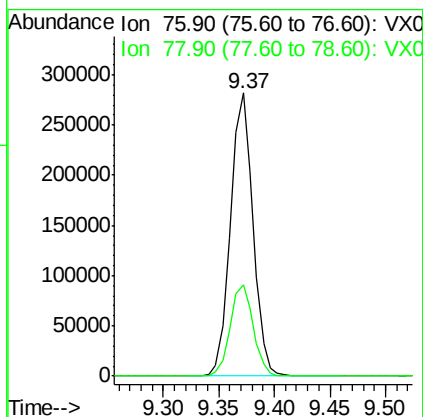
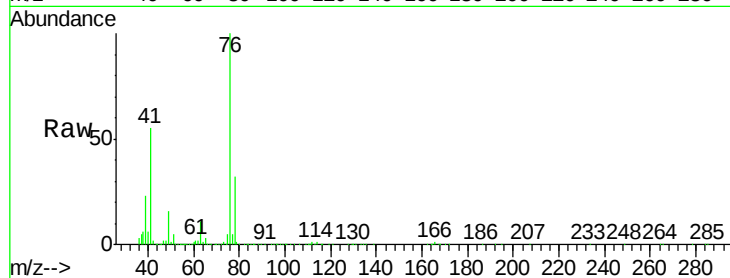




#57
 1,3-Dichloropropane
 Concen: 50.814 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX007255.D
 Acq: 26 Jan 2019 02:54

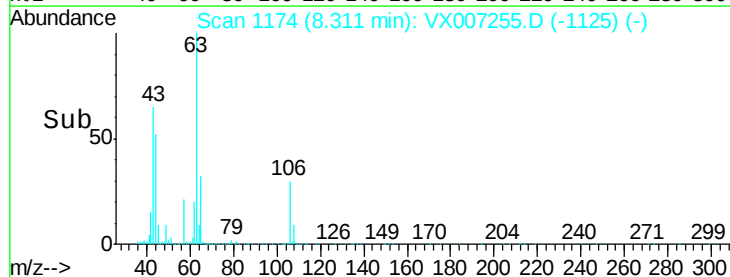
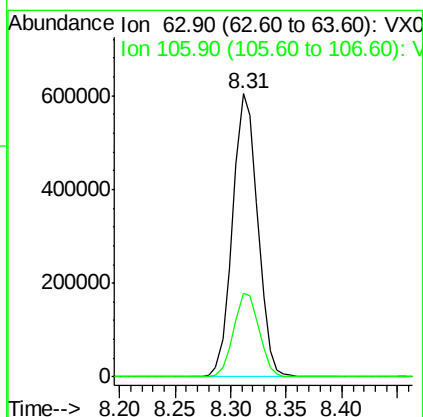
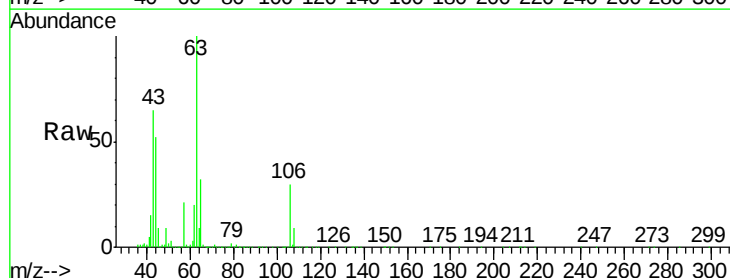
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 76 Resp: 393771
 Ion Ratio Lower Upper
 76 100
 78 33.3 26.0 39.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 266.049 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: VX007255.D
 Acq: 26 Jan 2019 02:54

Tgt Ion: 63 Resp: 944590
 Ion Ratio Lower Upper
 63 100
 106 30.2 24.6 36.8

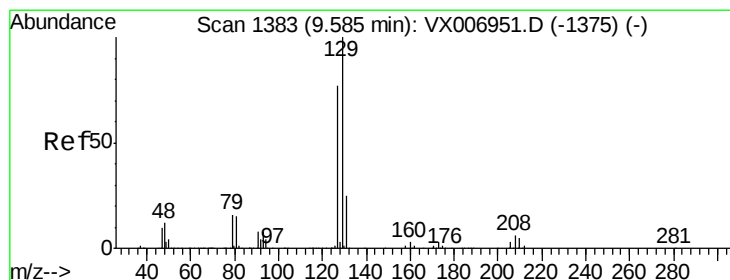
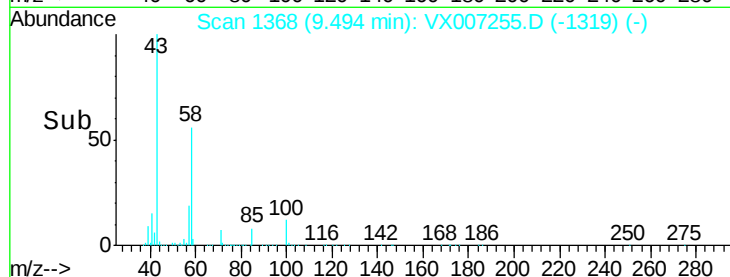
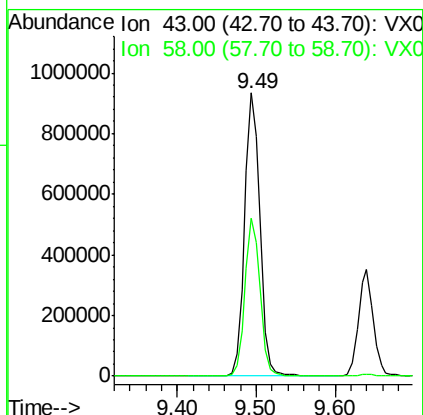
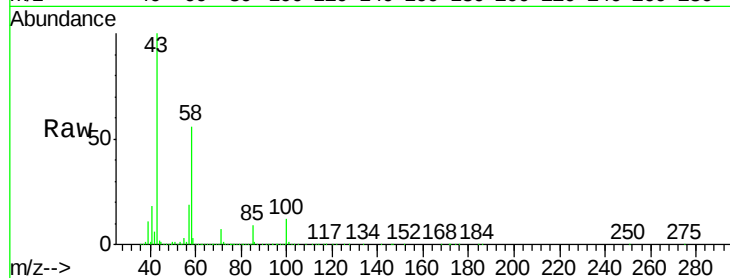




#59
2-Hexanone
Concen: 251.783 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

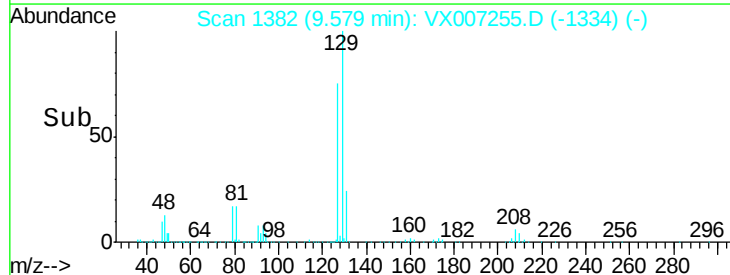
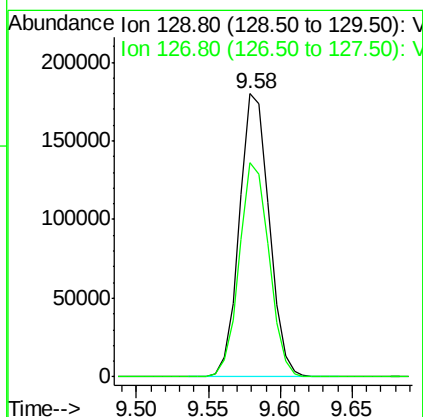
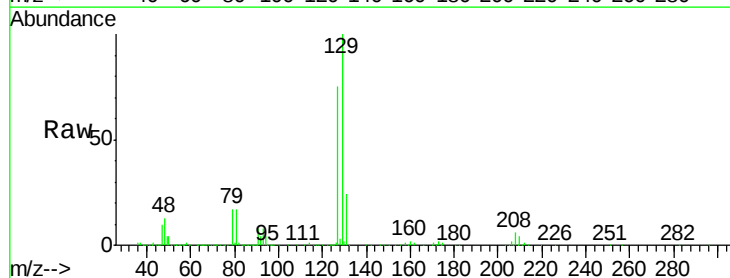
Instrument :
MSVOA_X
ClientSampleId :

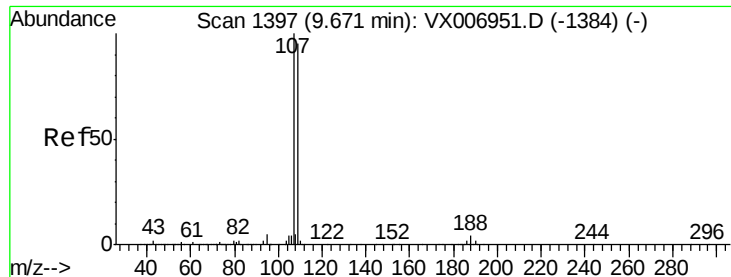
Tot Ion: 43 Resp: 1256516
Ion Ratio Lower Upper
43 100
58 55.0 27.7 83.1



#60
Dibromochloromethane
Concen: 56.289 ug/l
RT: 9.58 min Scan# 1382
Delta R.T. -0.01 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

Tgt Ion: 129 Resp: 258539
Ion Ratio Lower Upper
129 100
127 75.7 39.3 117.8





#61

1,2-Dibromoethane

Concen: 50.201 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

Instrument :

MSVOA_X

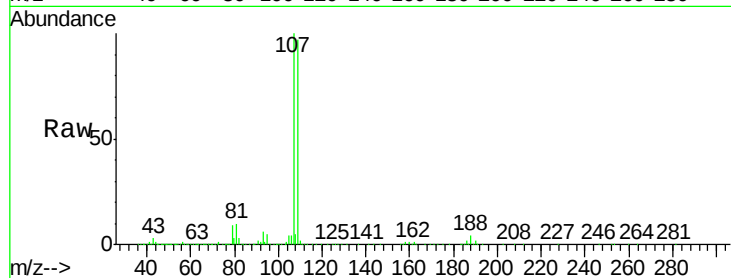
ClientSampleId :

Tot Ion:107 Resp: 261416

Ion Ratio Lower Upper

107 100

109 96.4 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

200000

150000

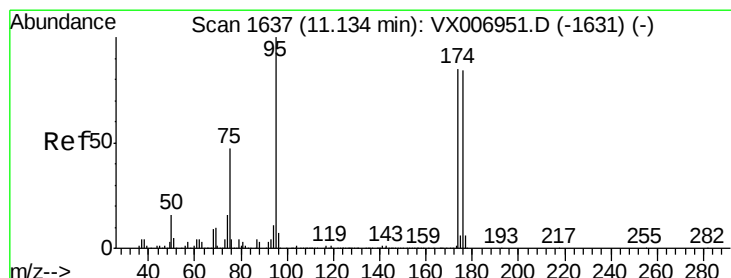
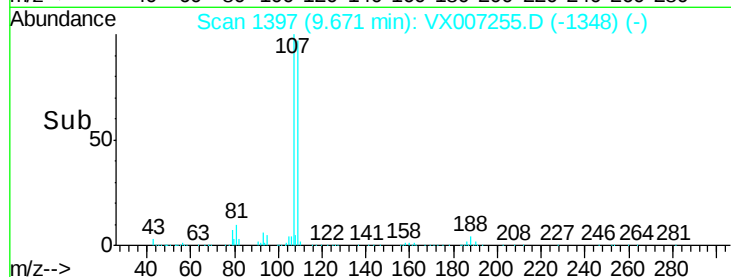
100000

50000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 50.718 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

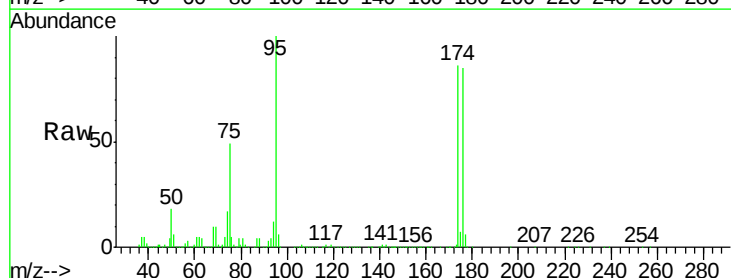
Tgt Ion: 95 Resp: 287256

Ion Ratio Lower Upper

95 100

174 94.2 0.0 182.2

176 92.0 0.0 178.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

300000

250000

200000

150000

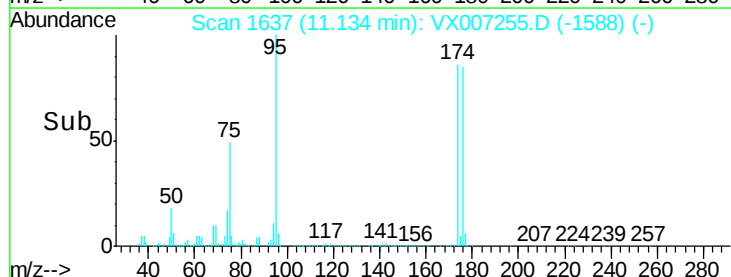
100000

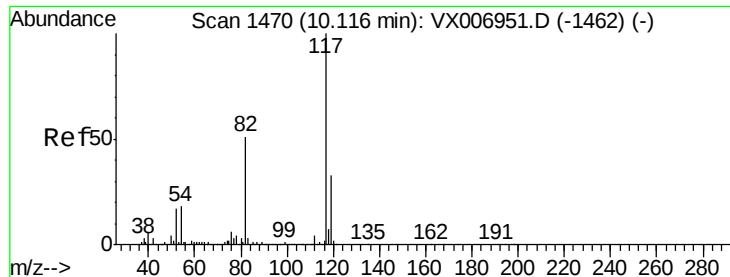
50000

0

Time-->

11.10 11.20

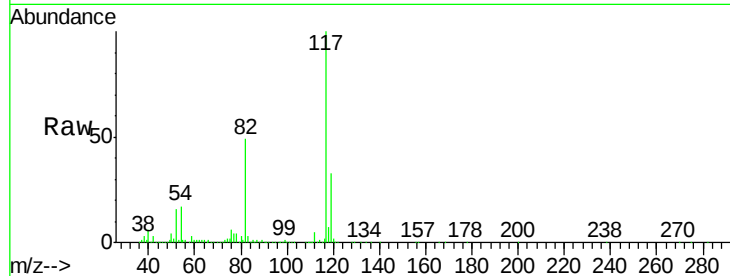




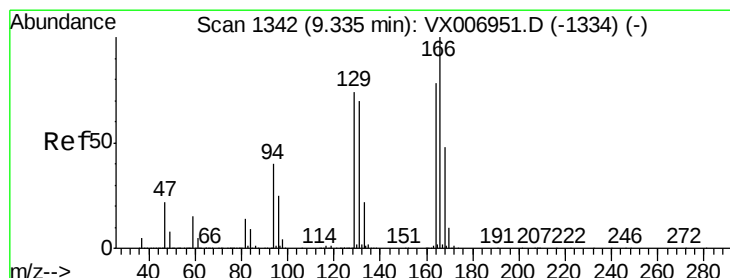
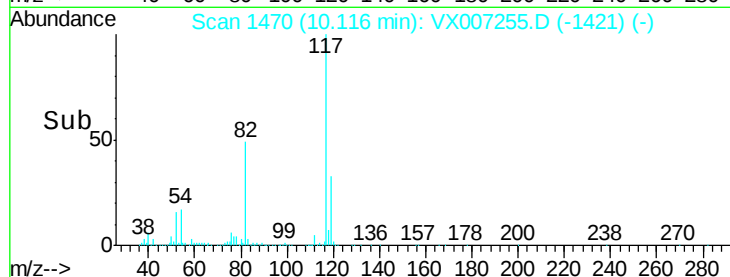
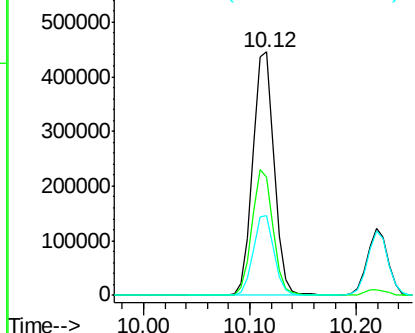
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 630612
Ion Ratio Lower Upper
117 100
82 48.7 41.0 61.6
119 32.6 25.4 38.0

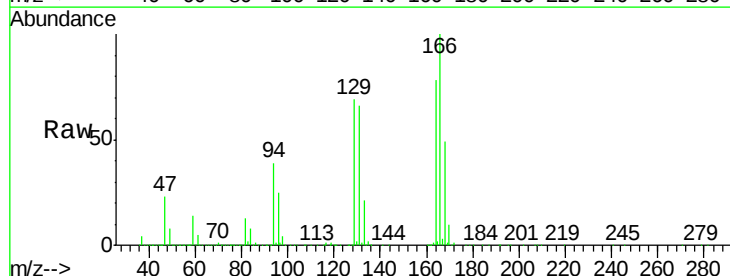


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

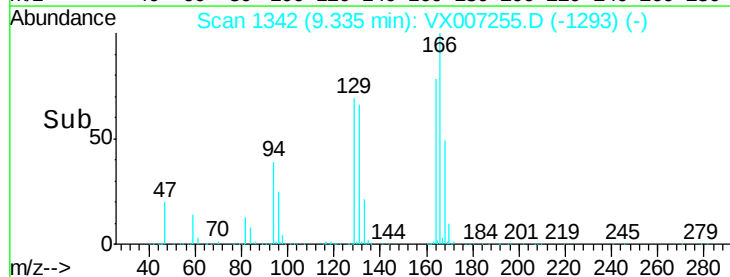
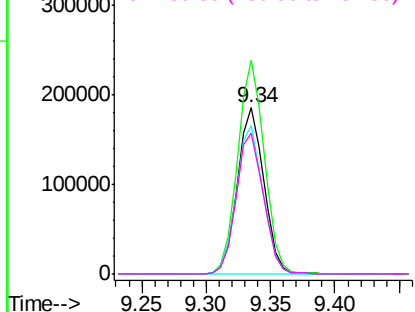


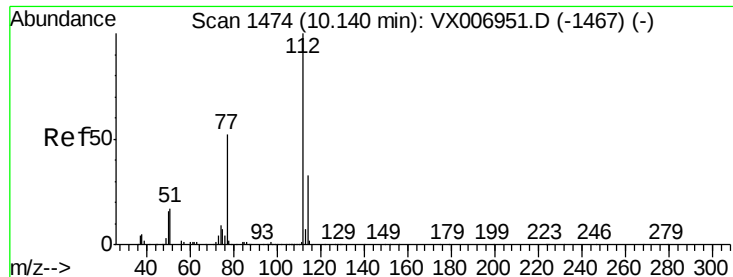
#64
Tetrachloroethene
Concen: 48.745 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

Tgt Ion:164 Resp: 266130
Ion Ratio Lower Upper
164 100
166 128.7 102.5 153.7
129 89.4 75.1 112.7
131 85.2 72.7 109.1



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

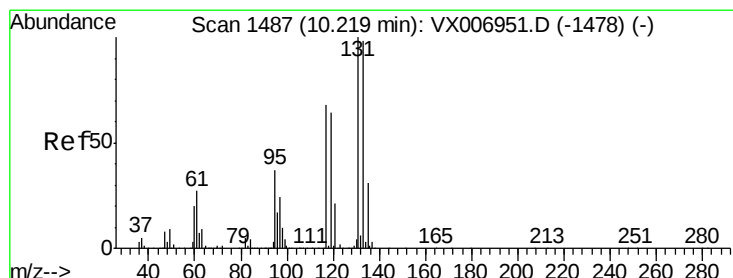
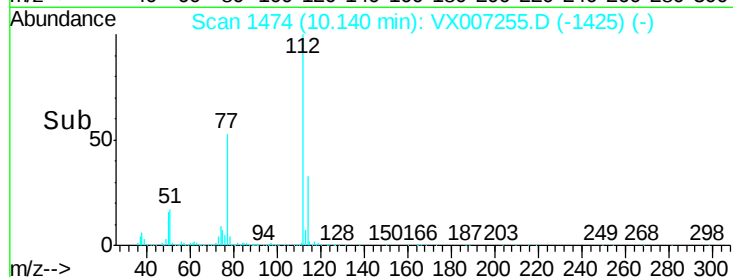
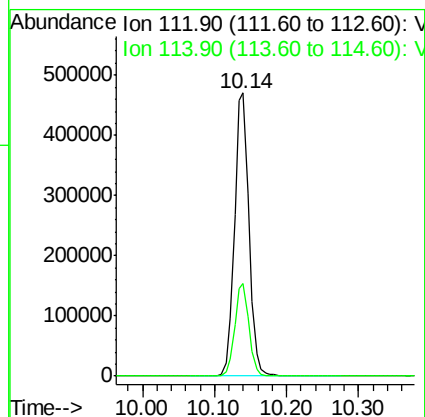
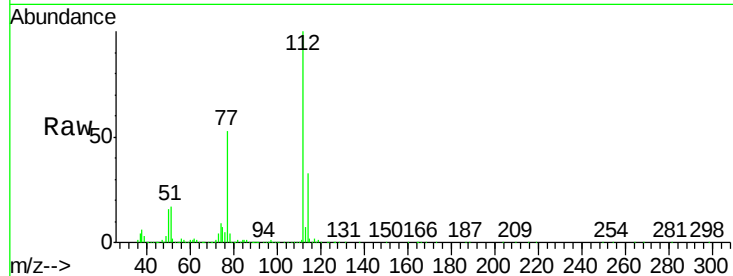




#65
Chlorobenzene
Concen: 48.267 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

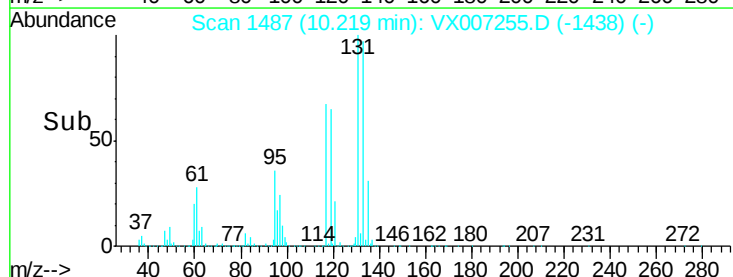
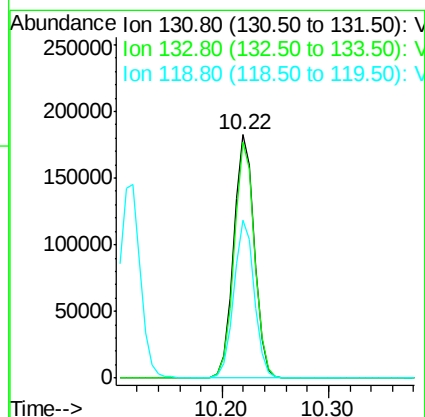
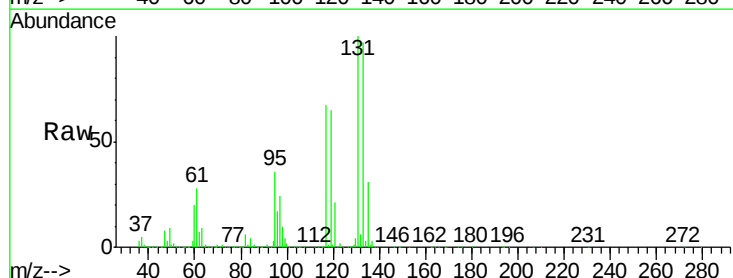
Instrument :
MSVOA_X
ClientSampleId :

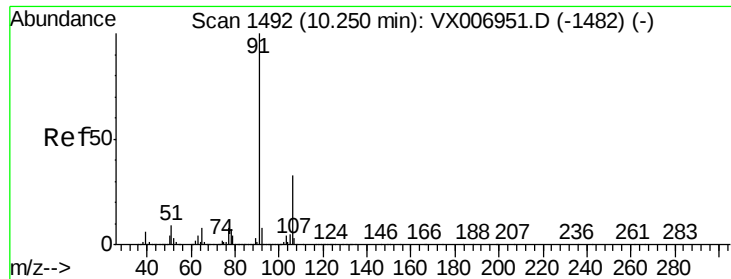
Tot Ion:112 Resp: 663866
Ion Ratio Lower Upper
112 100
114 32.6 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 53.569 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

Tgt Ion:131 Resp: 247858
Ion Ratio Lower Upper
131 100
133 95.9 48.0 144.2
119 64.3 32.6 97.8





#67

Ethyl Benzene

Concen: 48.056 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

Instrument :

MSVOA_X

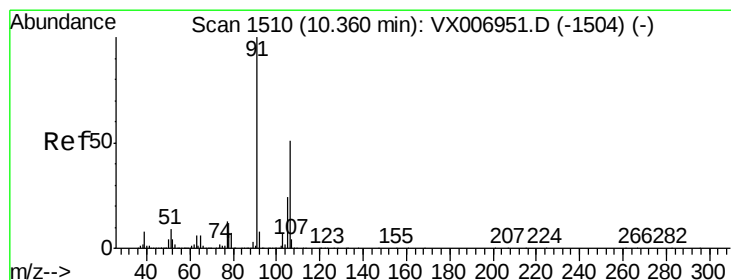
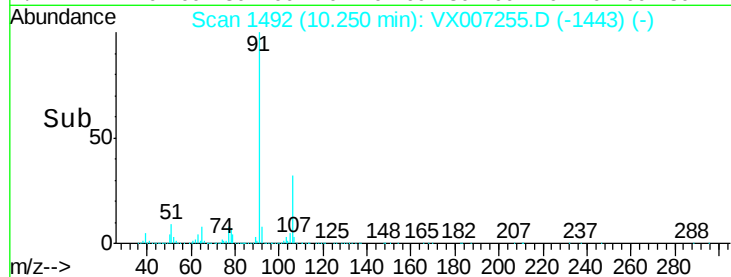
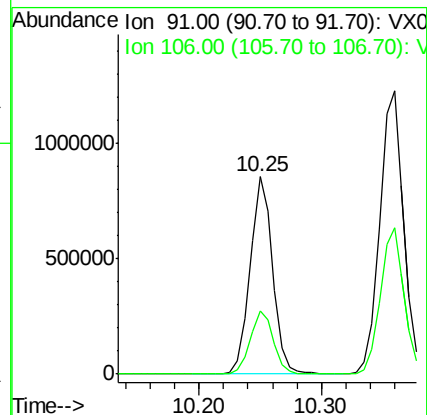
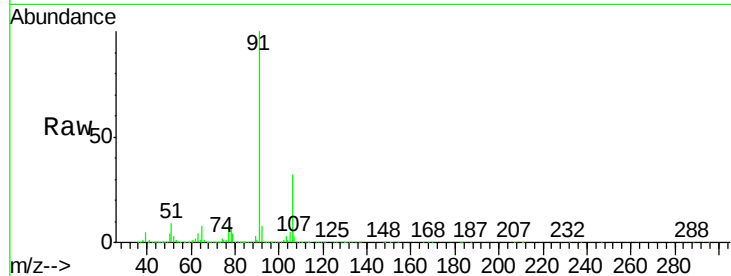
ClientSampled :

Tot Ion: 91 Resp: 1091172

Ion Ratio Lower Upper

91 100

106 32.2 26.4 39.6



#68

m/p-Xylenes

Concen: 95.482 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007255.D

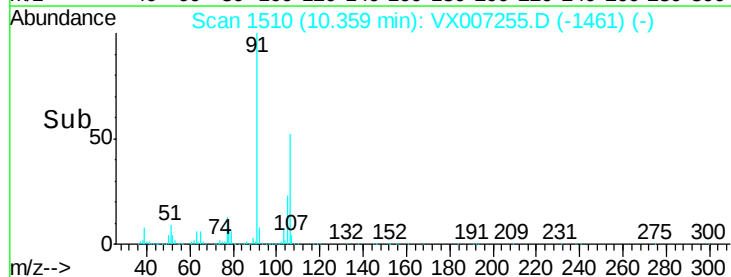
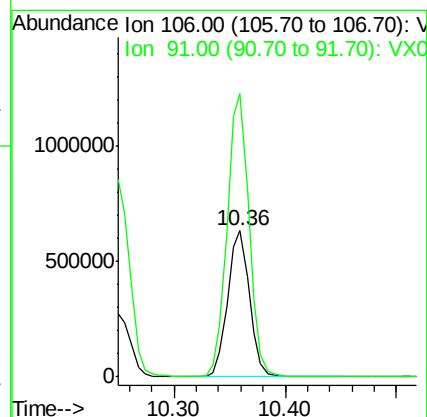
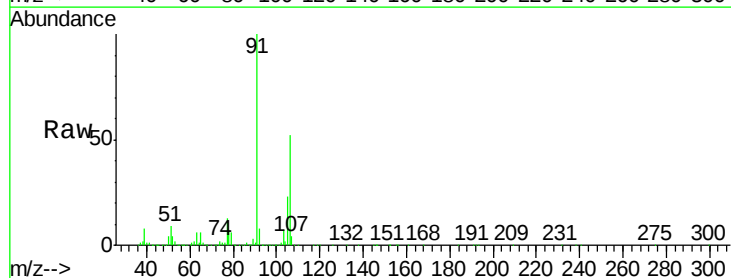
Acq: 26 Jan 2019 02:54

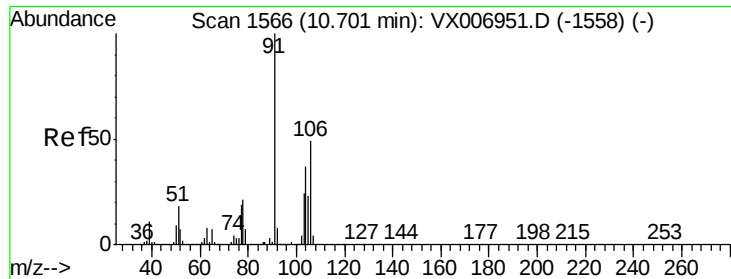
Tgt Ion: 106 Resp: 854173

Ion Ratio Lower Upper

106 100

91 196.2 155.8 233.6

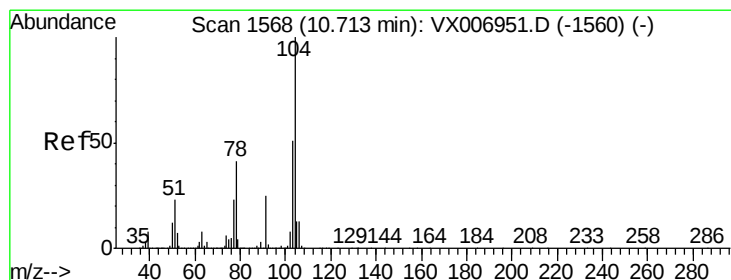
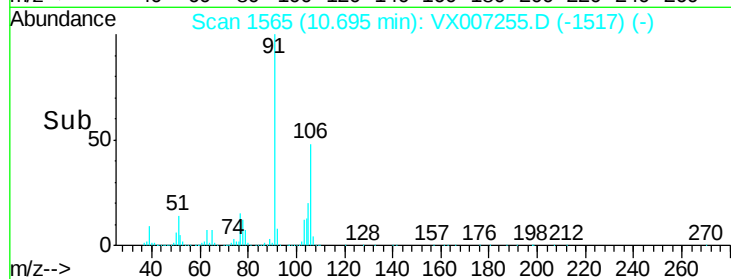
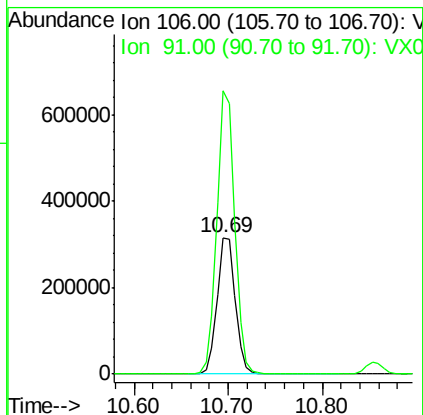
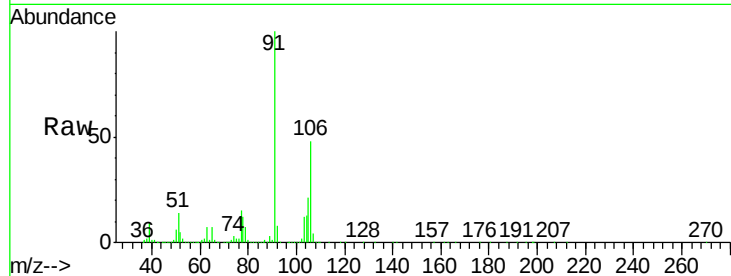




#69
o-Xylene
Concen: 48.614 ug/l
RT: 10.69 min Scan# 1565
Delta R.T. -0.01 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

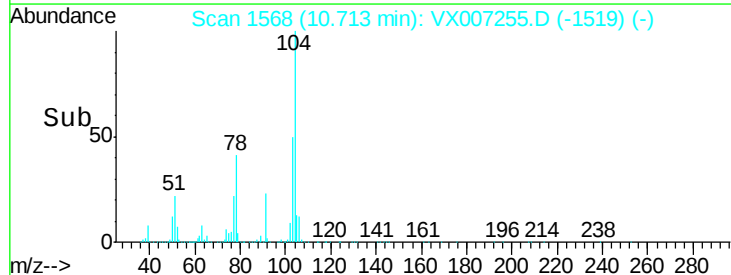
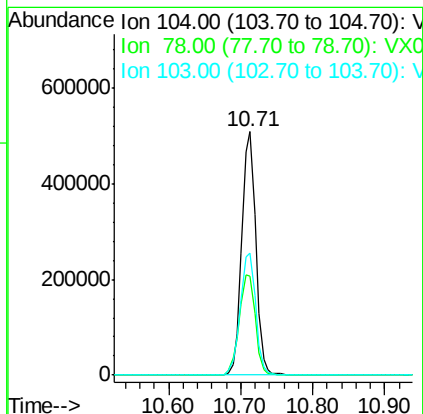
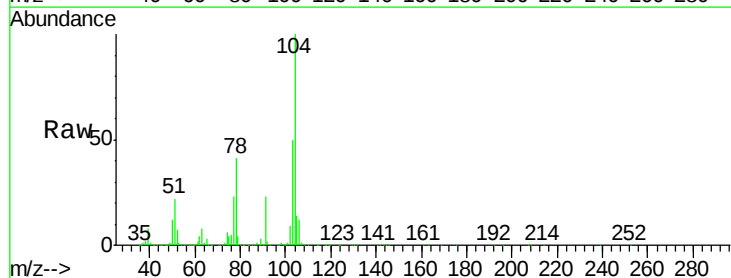
Instrument :
MSVOA_X
ClientSampleId :

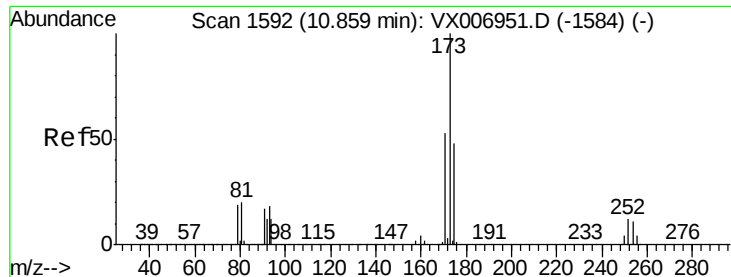
Tot Ion:106 Resp: 424129
Ion Ratio Lower Upper
106 100
91 204.2 101.3 303.7



#70
Styrene
Concen: 49.609 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

Tgt Ion:104 Resp: 685487
Ion Ratio Lower Upper
104 100
78 47.6 37.7 56.5
103 55.3 43.8 65.8





#71

Bromoform

Concen: 45.767 ug/l

RT: 10.85 min Scan# 1591

Delta R.T. -0.01 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

Instrument :

MSVOA_X

ClientSampled :

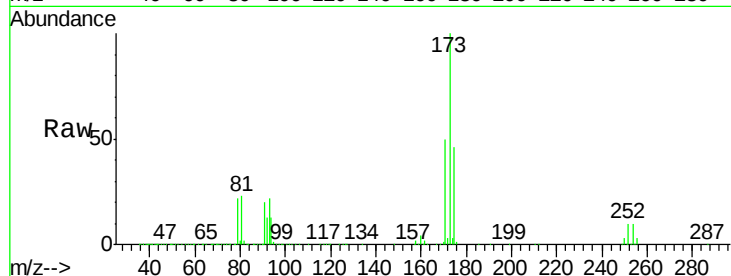
Tot Ion:173 Resp: 187621

Ion Ratio Lower Upper

173 100

175 49.2 24.7 74.1

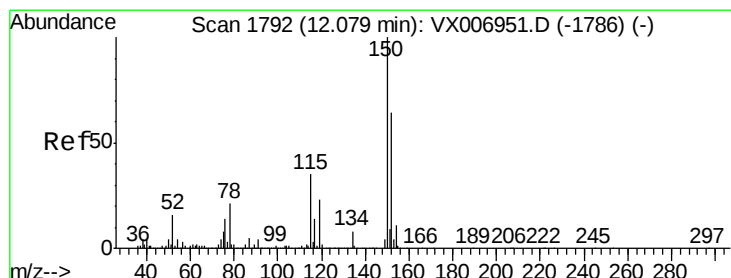
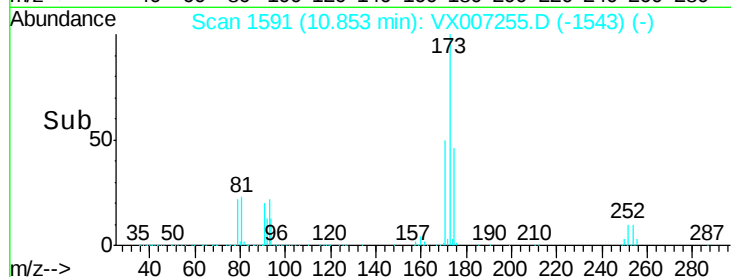
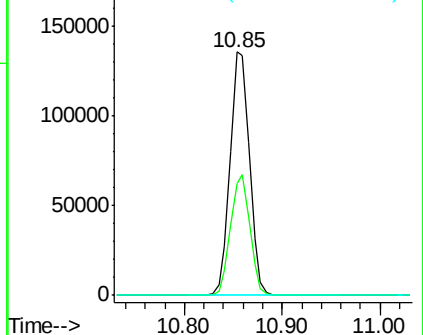
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

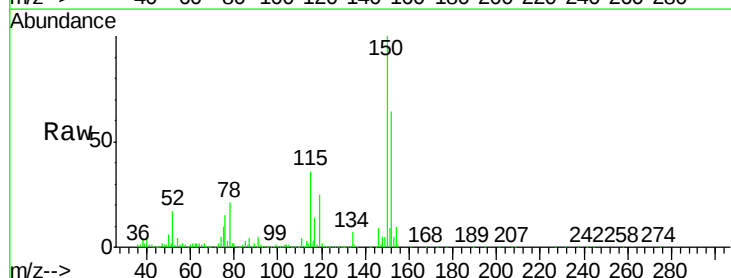
Tgt Ion:152 Resp: 329489

Ion Ratio Lower Upper

152 100

115 76.8 39.1 117.2

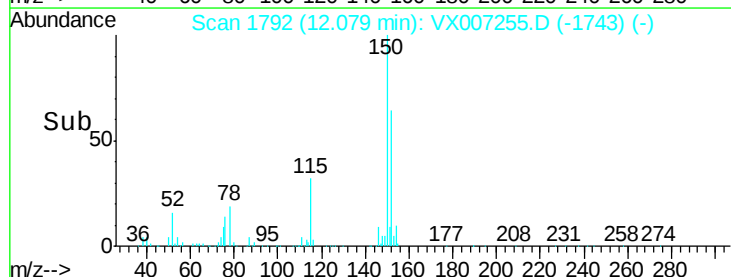
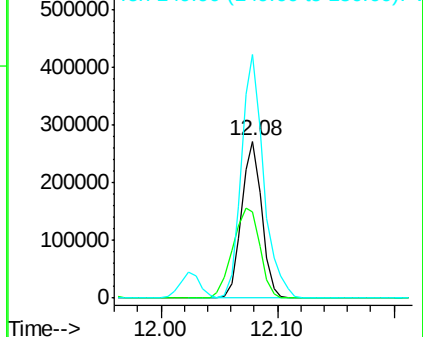
150 170.7 0.0 344.8

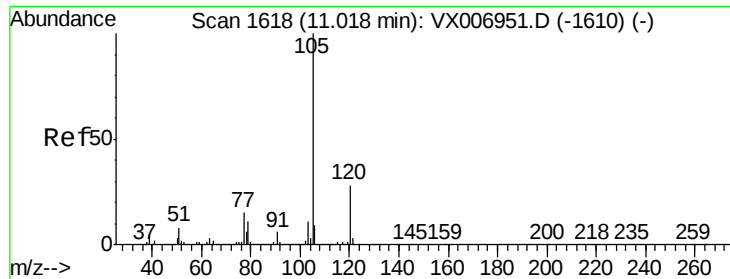


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 48.268 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

Instrument :

MSVOA_X

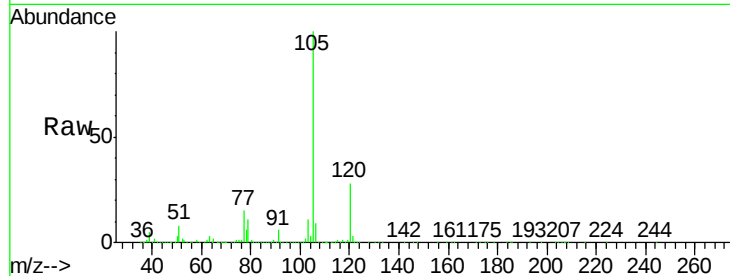
ClientSampled :

Tot Ion:105 Resp: 1121442

Ion Ratio Lower Upper

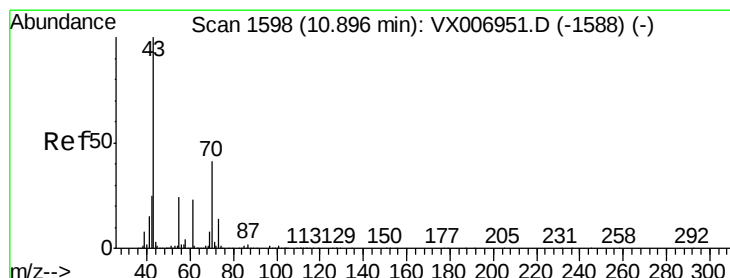
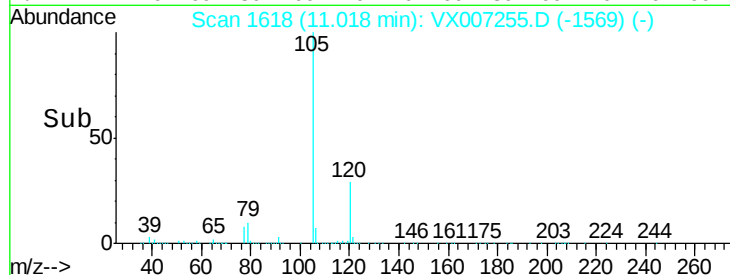
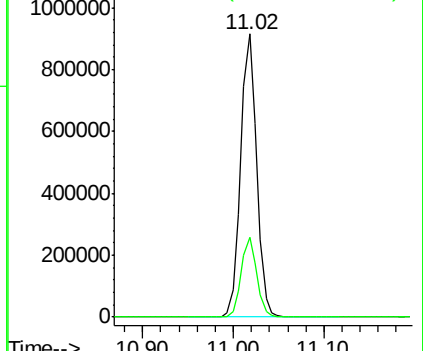
105 100

120 27.5 14.1 42.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.168 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

Tgt Ion: 43 Resp: 459939

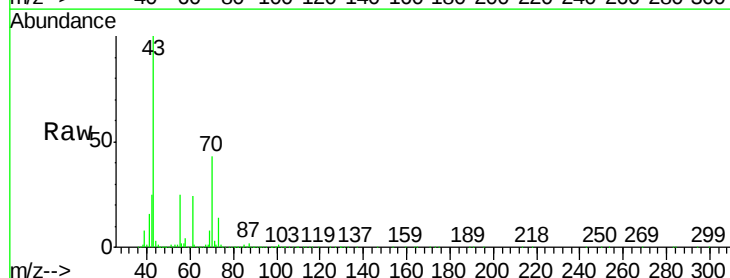
Ion Ratio Lower Upper

43 100

70 42.9 35.8 53.8

55 24.9 19.4 29.0

61 24.3 20.1 30.1

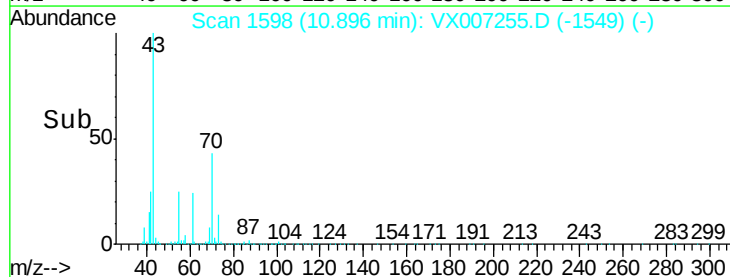
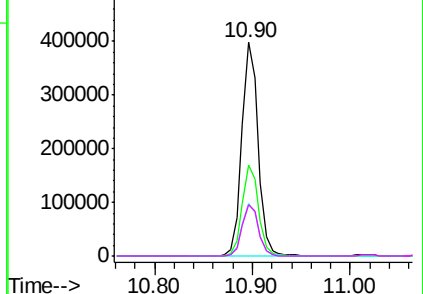


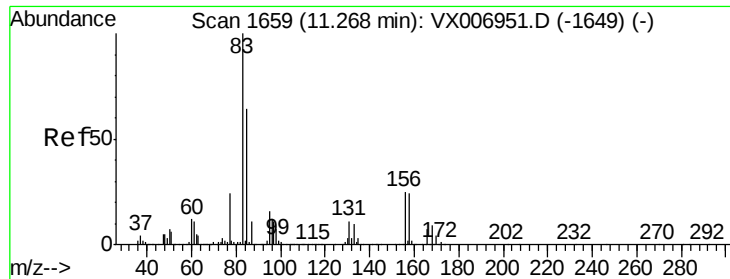
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 48.134 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

Instrument :

MSVOA_X

ClientSampleId :

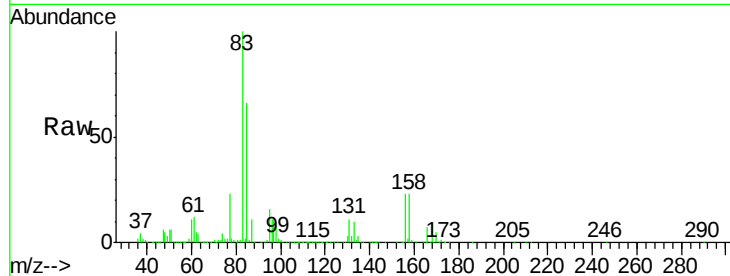
Tot Ion: 83 Resp: 355031

Ion Ratio Lower Upper

83 100

131 11.3 5.7 17.1

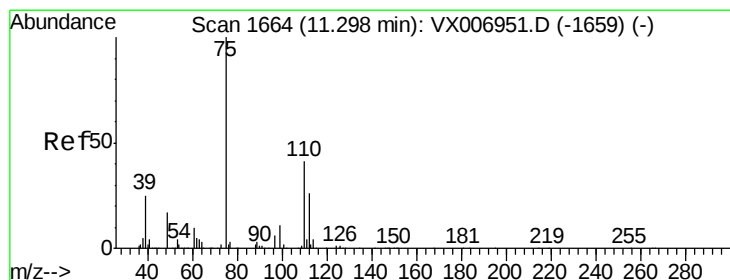
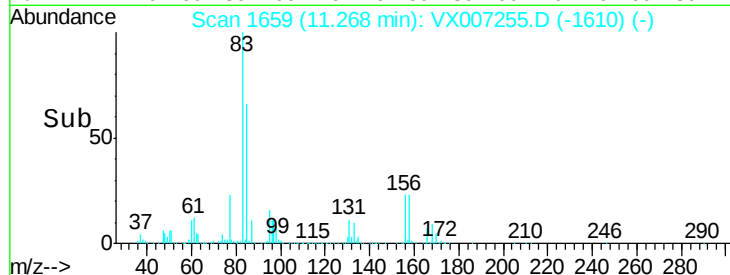
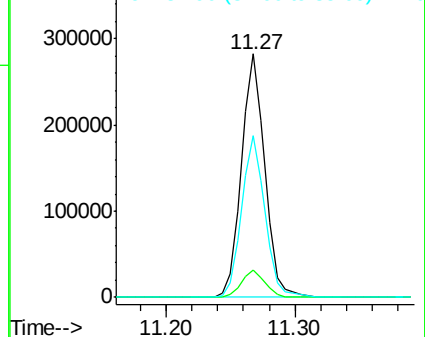
85 66.4 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 59.121 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007255.D

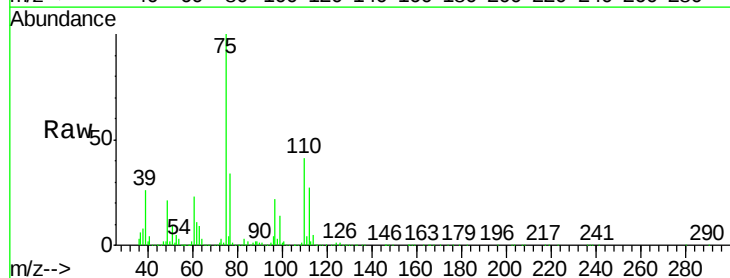
Acq: 26 Jan 2019 02:54

Tgt Ion: 75 Resp: 394747

Ion Ratio Lower Upper

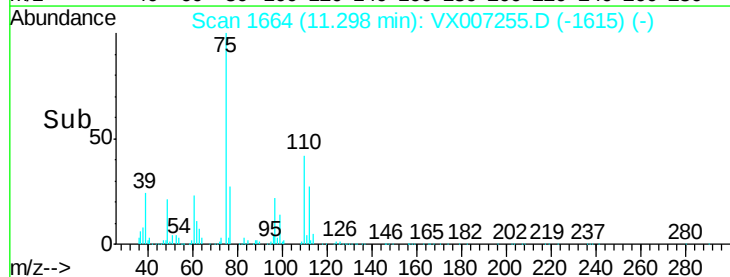
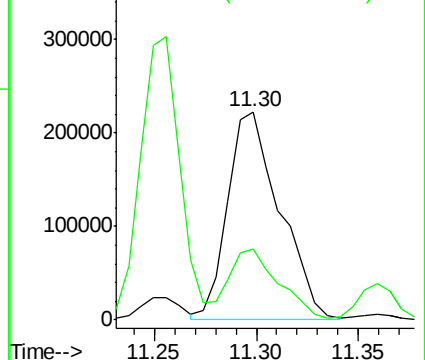
75 100

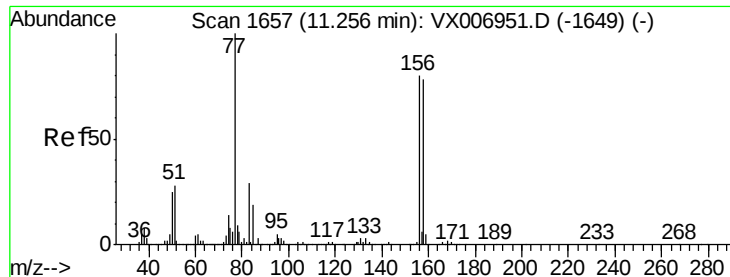
77 31.6 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 47.835 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

Instrument :

MSVOA_X

ClientSampleId :

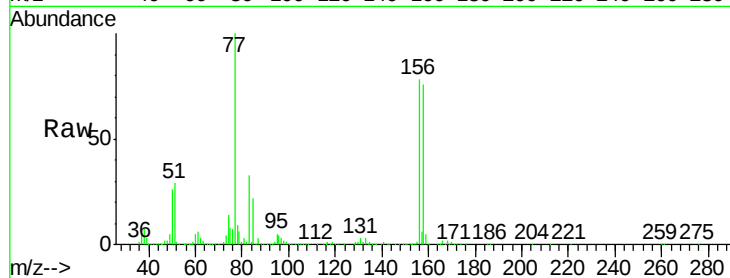
Tot Ion:156 Resp: 306224

Ion Ratio Lower Upper

156 100

77 131.8 68.0 204.0

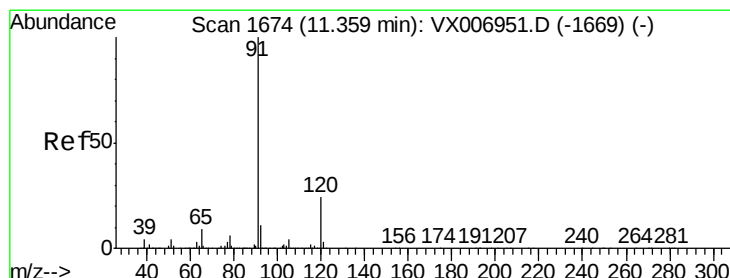
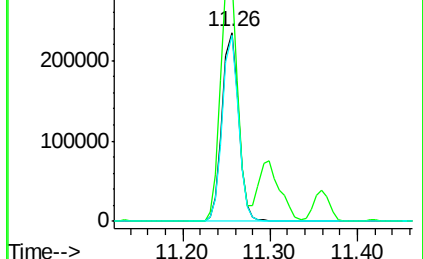
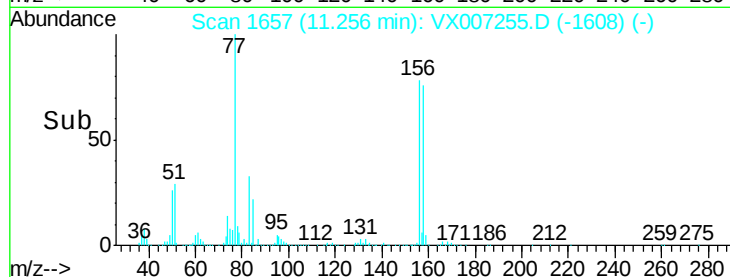
158 96.3 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 48.685 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007255.D

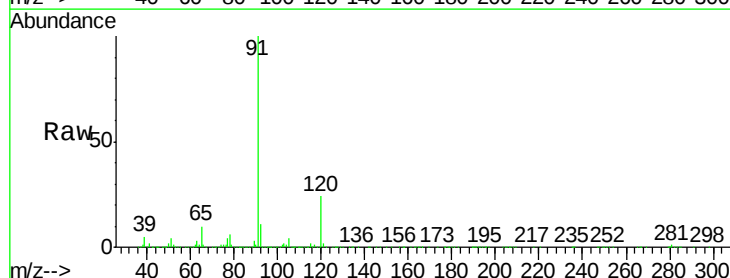
Acq: 26 Jan 2019 02:54

Tgt Ion: 91 Resp: 1241748

Ion Ratio Lower Upper

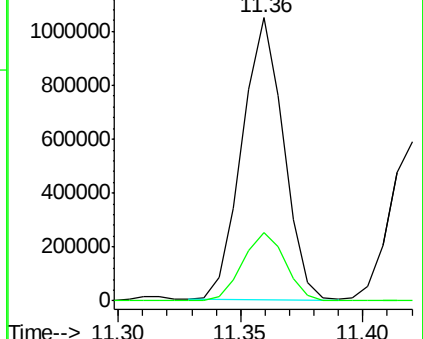
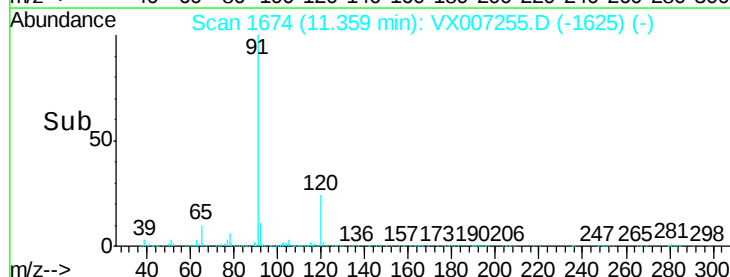
91 100

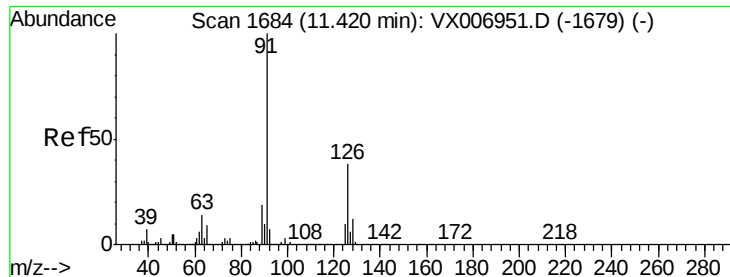
120 25.0 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 47.569 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

Instrument :

MSVOA_X

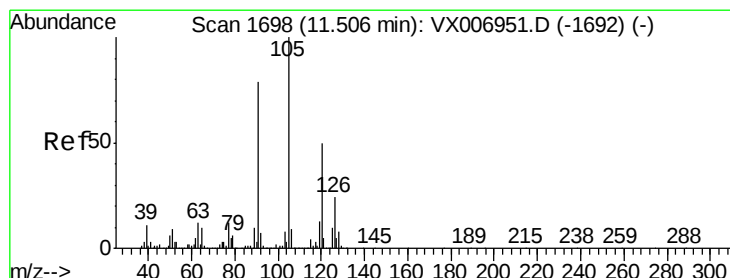
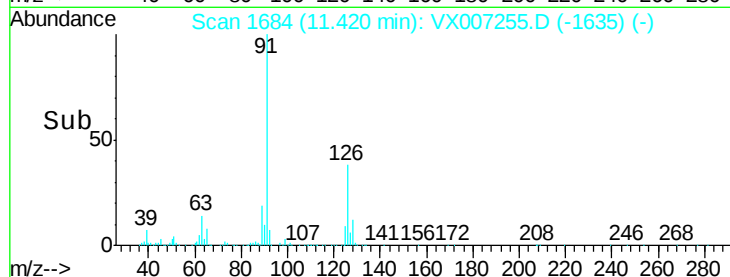
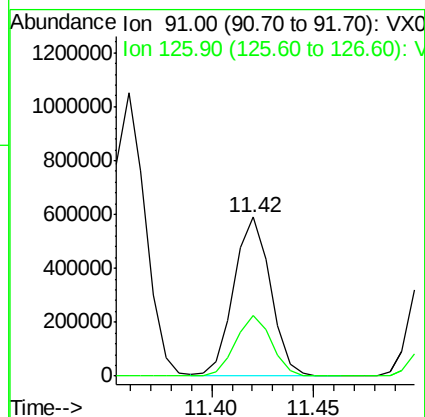
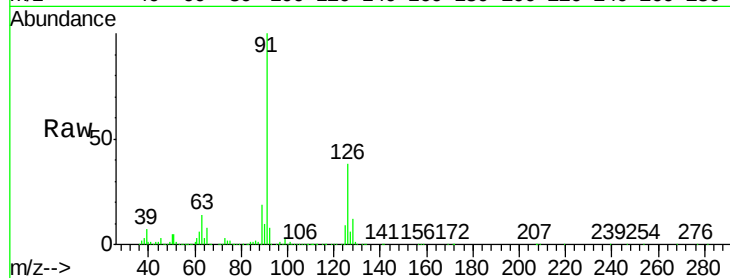
ClientSampleId :

Tot Ion: 91 Resp: 730348

Ion Ratio Lower Upper

91 100

126 37.3 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 47.297 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007255.D

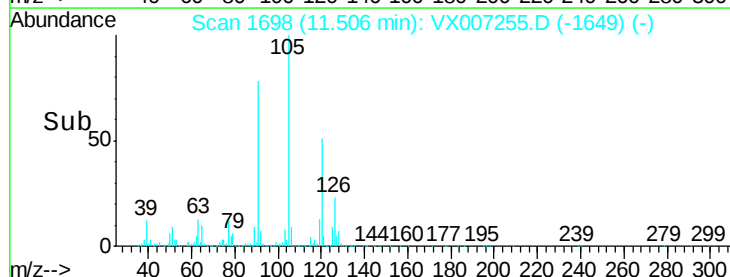
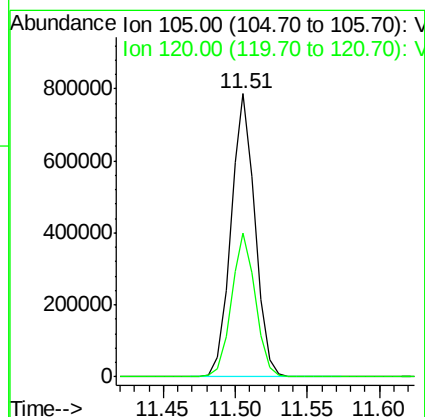
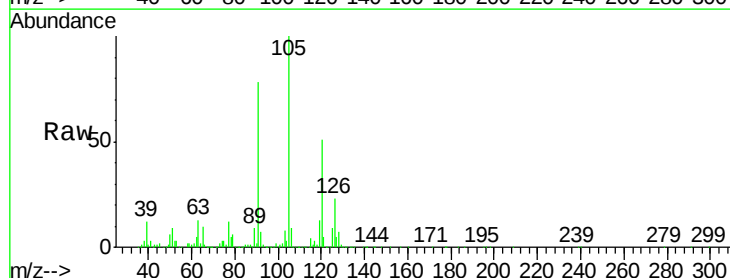
Acq: 26 Jan 2019 02:54

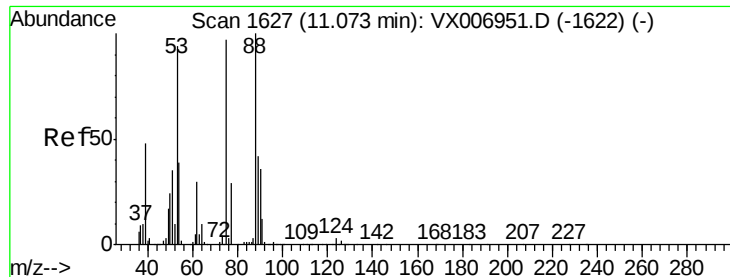
Tgt Ion: 105 Resp: 918190

Ion Ratio Lower Upper

105 100

120 50.5 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 41.469 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

Instrument :

MSVOA_X

ClientSampleId :

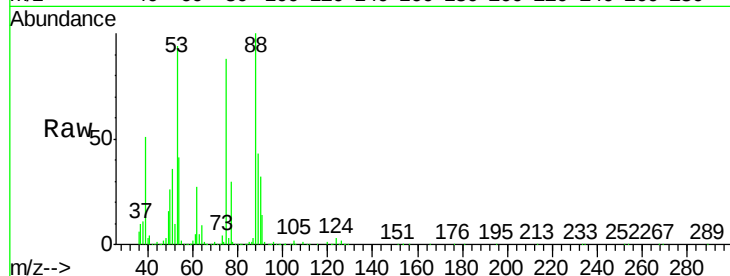
Tot Ion: 75 Resp: 90204

Ion Ratio Lower Upper

75 100

53 99.4 79.7 119.5

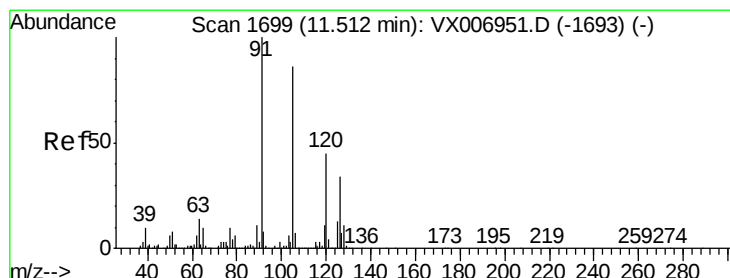
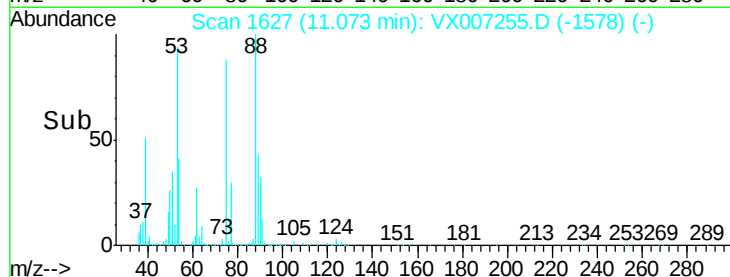
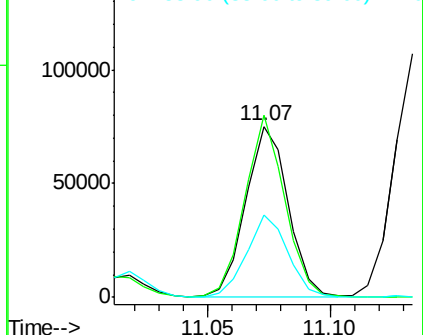
89 47.2 38.0 57.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 47.991 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007255.D

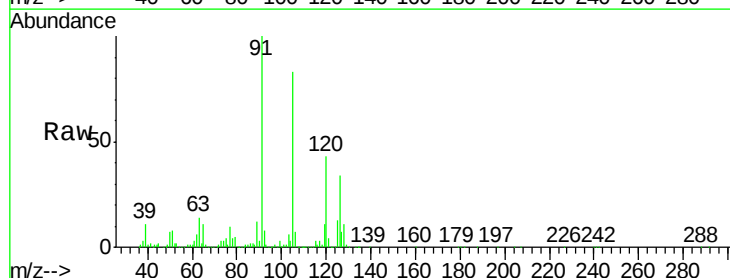
Acq: 26 Jan 2019 02:54

Tgt Ion: 91 Resp: 853119

Ion Ratio Lower Upper

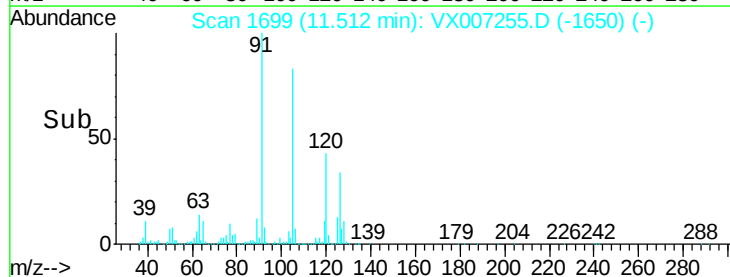
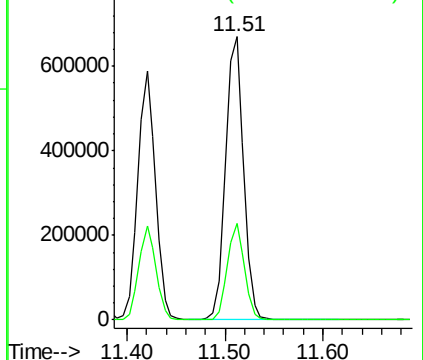
91 100

126 32.6 16.3 48.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V





#83

tert-Butylbenzene

Concen: 47.154 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

Instrument :

MSVOA_X

ClientSampleId :

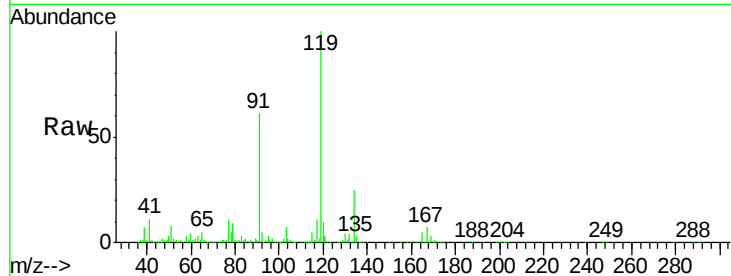
Tot Ion:119 Resp: 913344

Ion Ratio Lower Upper

119 100

91 57.0 27.7 83.1

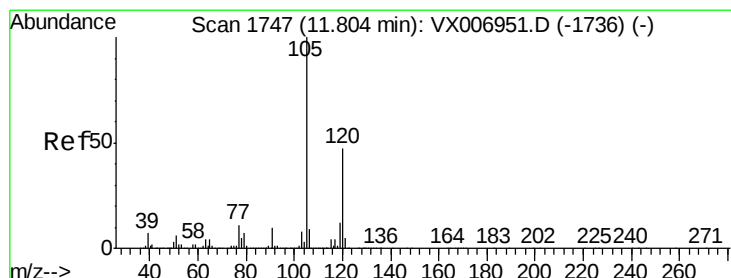
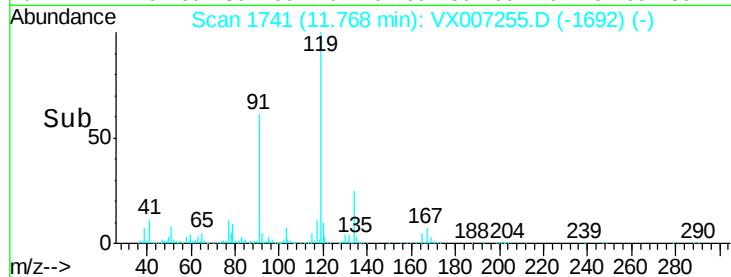
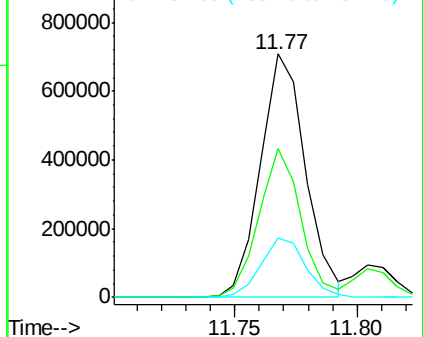
134 24.2 11.9 35.5



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 48.377 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007255.D

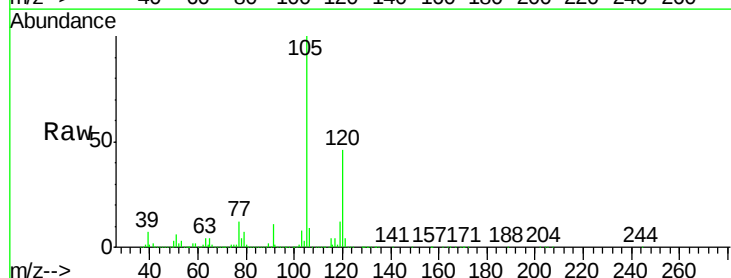
Acq: 26 Jan 2019 02:54

Tgt Ion:105 Resp: 944401

Ion Ratio Lower Upper

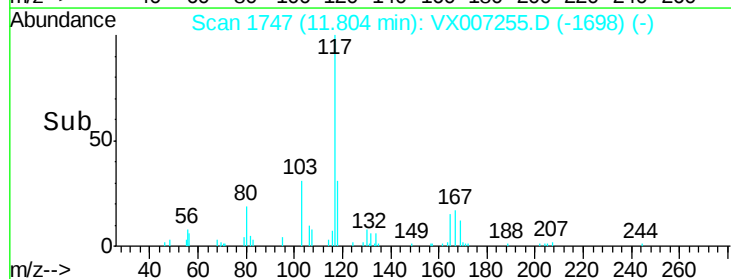
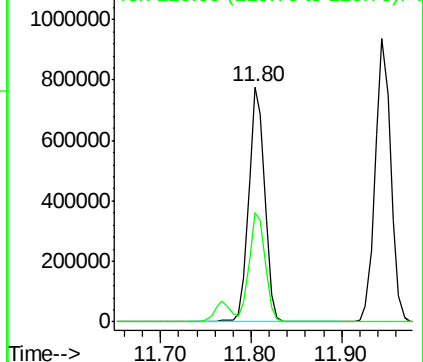
105 100

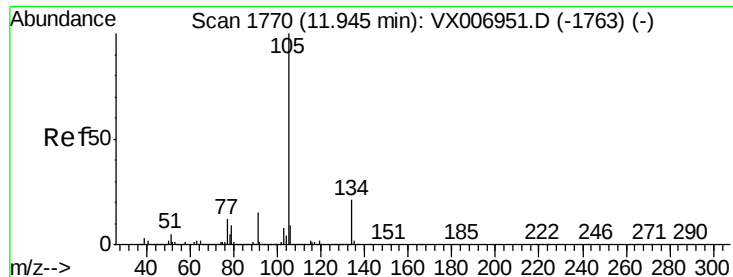
120 46.2 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 48.161 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

Instrument :

MSVOA_X

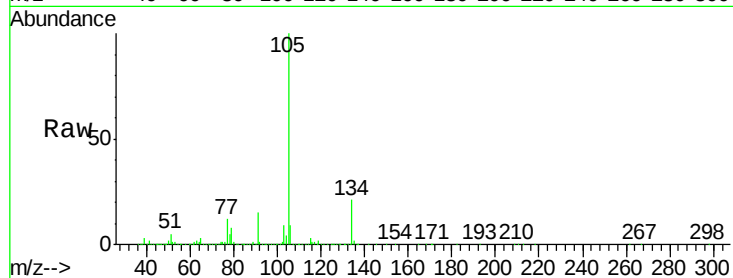
ClientSampleId :

Tot Ion:105 Resp: 1114075

Ion Ratio Lower Upper

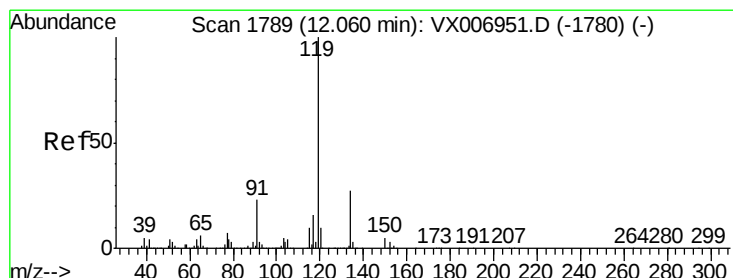
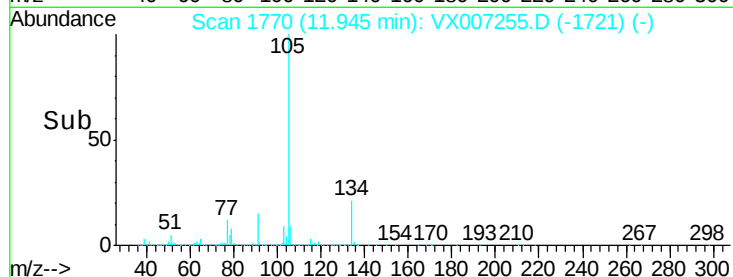
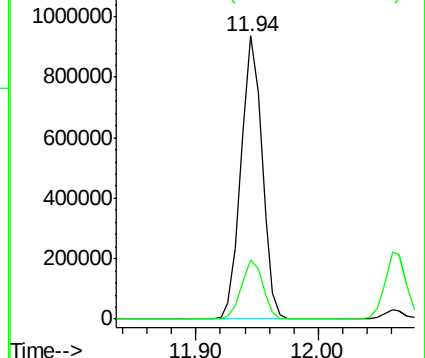
105 100

134 21.2 10.7 31.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 48.478 ug/l

RT: 12.06 min Scan# 1789

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

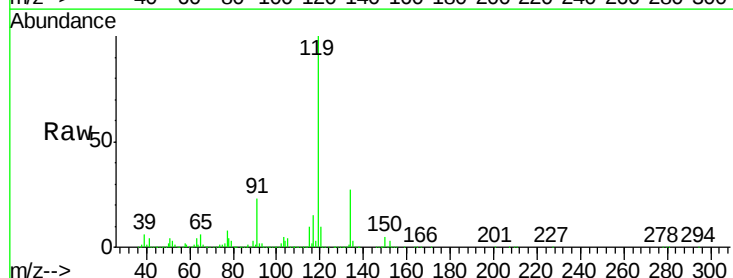
Tgt Ion:119 Resp: 1003071

Ion Ratio Lower Upper

119 100

134 27.2 14.0 41.9

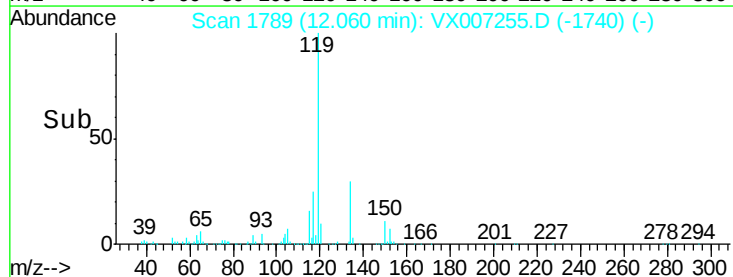
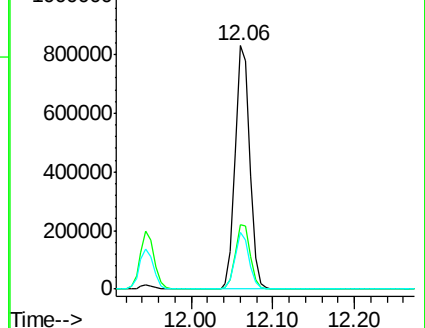
91 22.4 11.3 33.9

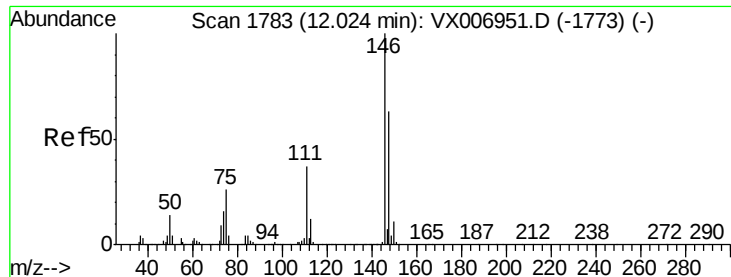


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 46.177 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

Instrument :

MSVOA_X

ClientSampled :

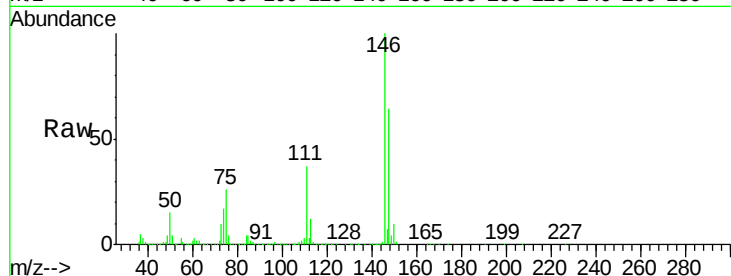
Tot Ion:146 Resp: 534318

Ion Ratio Lower Upper

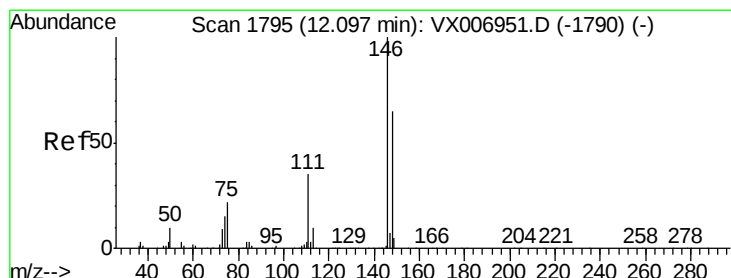
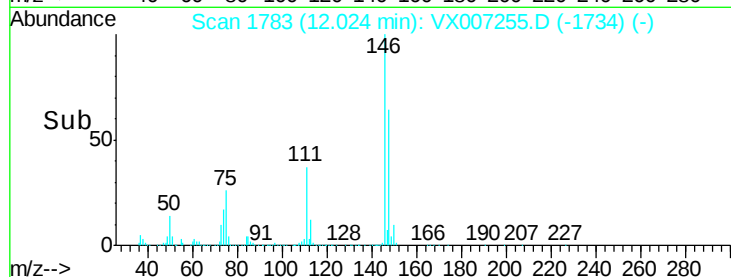
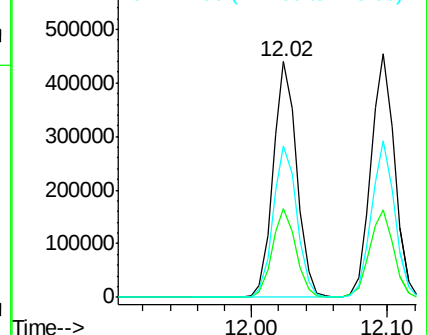
146 100

111 37.5 18.6 55.8

148 64.7 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 49.713 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

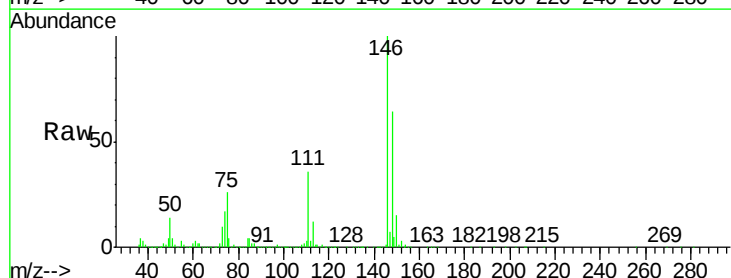
Tgt Ion:146 Resp: 545006

Ion Ratio Lower Upper

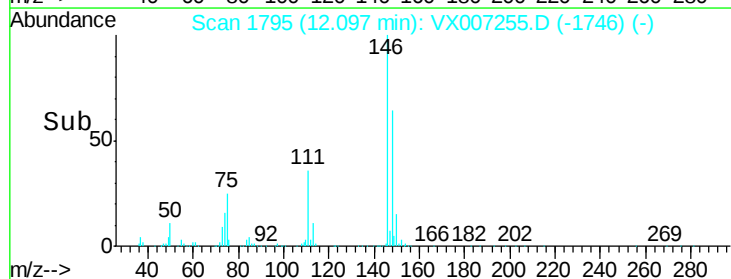
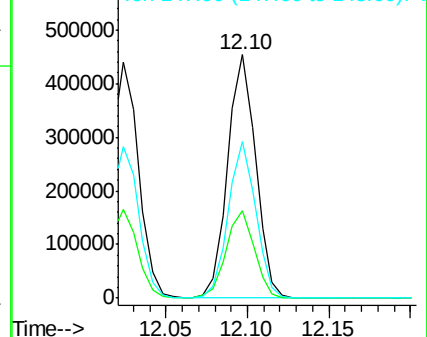
146 100

111 36.6 18.1 54.1

148 63.0 31.9 95.9



Abundance Ion 145.90 (145.60 to 146.60): V
Ion 110.90 (110.60 to 111.60): V
Ion 147.90 (147.60 to 148.60): V

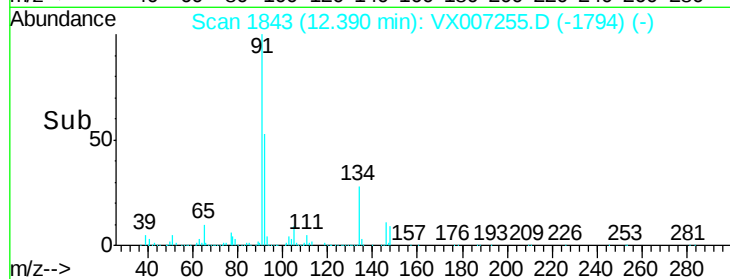
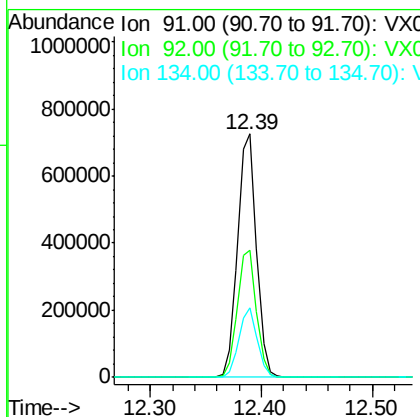
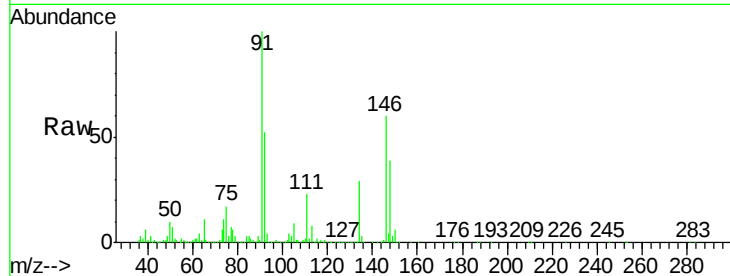




#89
n-Butylbenzene
Concen: 48.204 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

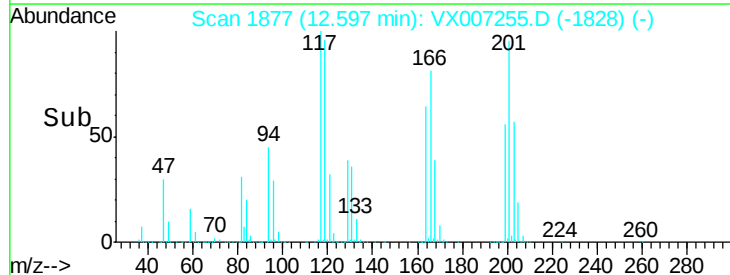
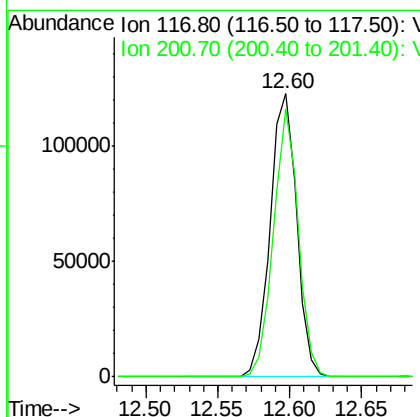
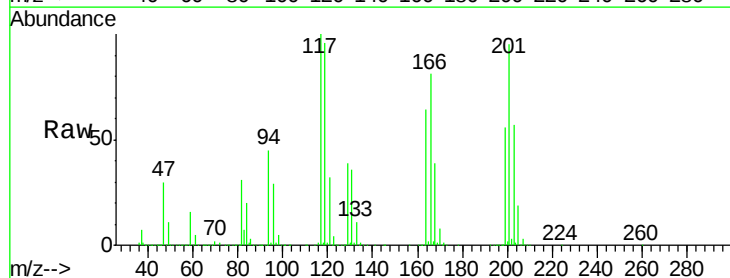
Instrument :
MSVOA_X
ClientSampled :

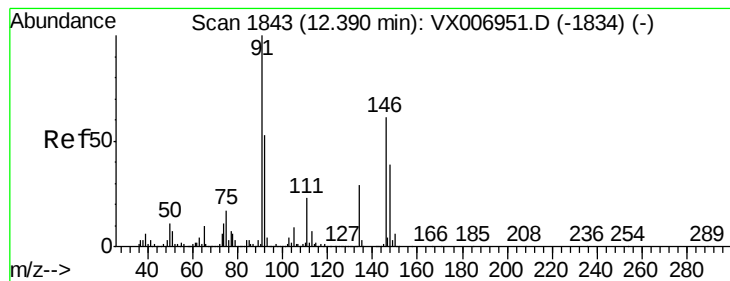
Tot Ion	Ratio	Lower	Upper
91	100		
92	53.0	26.8	80.4
134	28.0	14.4	43.2



#90
Hexachloroethane
Concen: 47.596 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.0	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 47.469 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

Instrument :

MSVOA_X

ClientSampled :

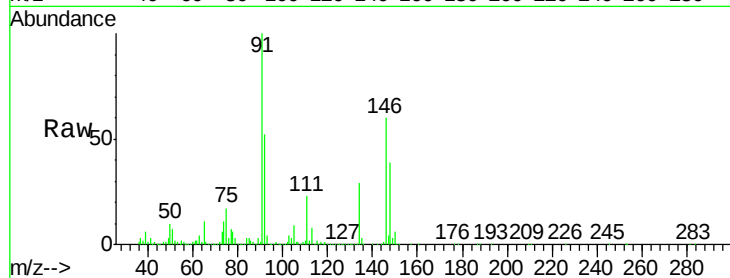
Tot Ion:146 Resp: 542048

Ion Ratio Lower Upper

146 100

111 38.9 19.4 58.2

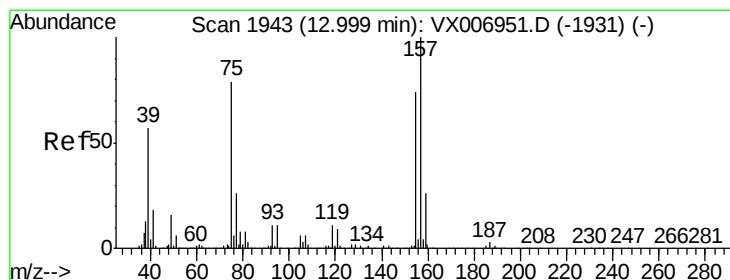
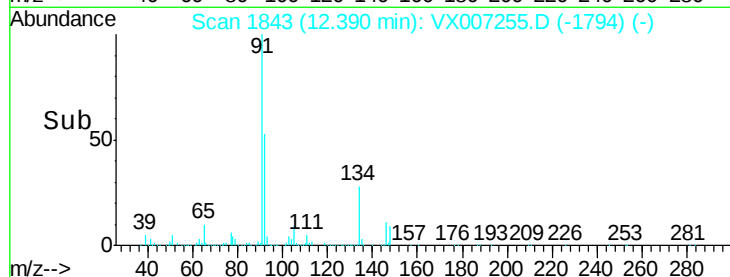
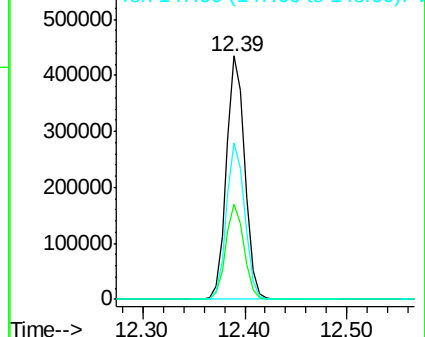
148 63.9 32.3 96.9



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 50.885 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007255.D

Acq: 26 Jan 2019 02:54

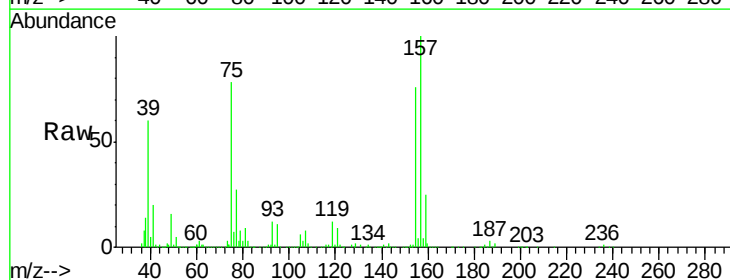
Tgt Ion: 75 Resp: 74229

Ion Ratio Lower Upper

75 100

155 100.7 50.6 151.8

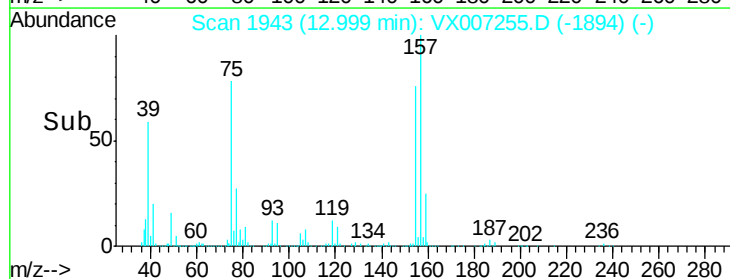
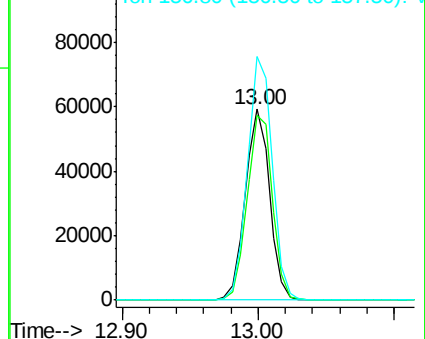
157 130.7 64.6 193.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

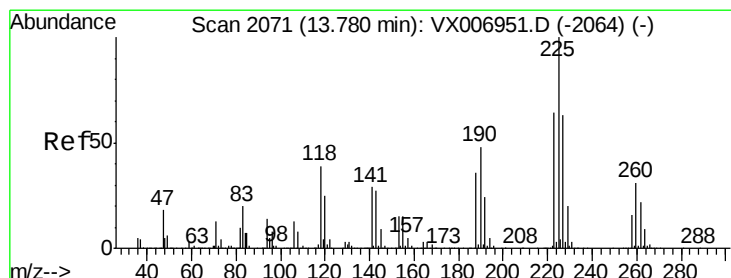
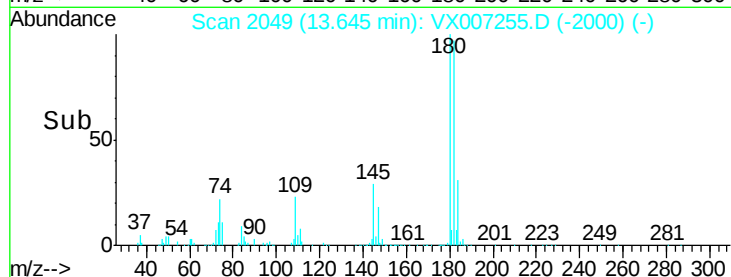
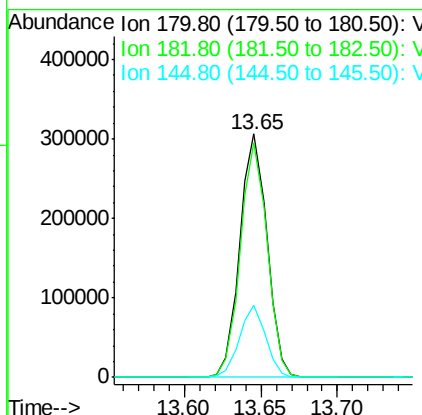
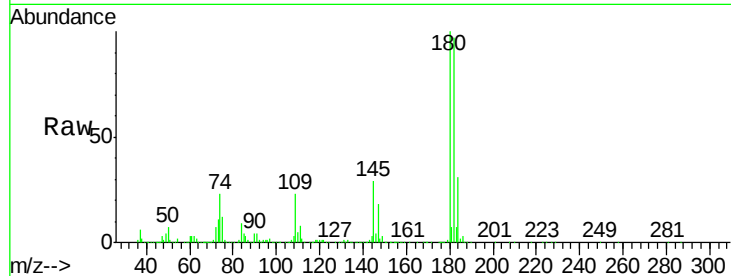




#93
 1,2,4-Trichlorobenzene
 Concen: 48.137 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX007255.D
 Acq: 26 Jan 2019 02:54

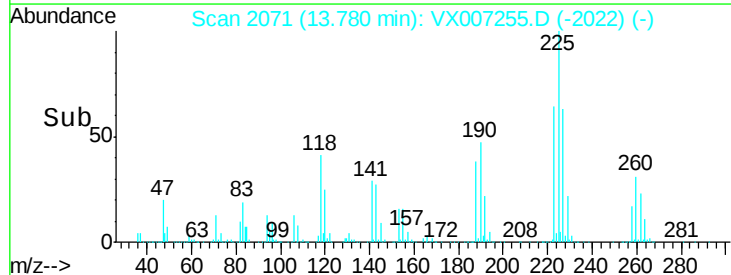
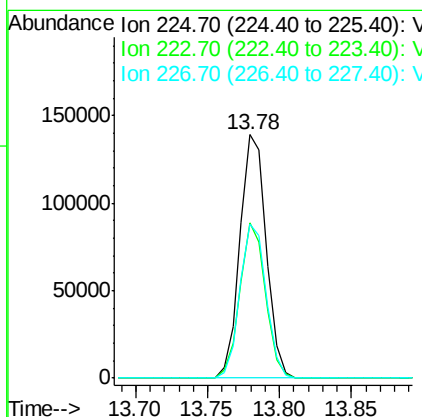
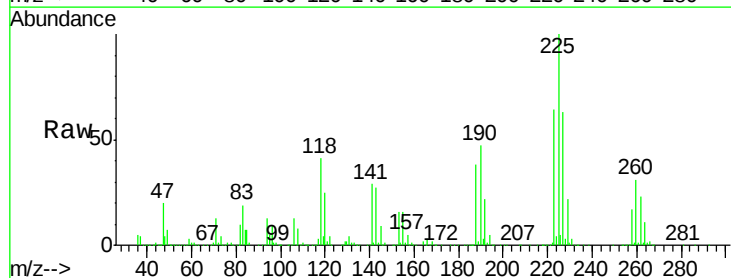
Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:180 Resp: 377116
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.3 142.0
 145 28.6 14.8 44.3



#94
 Hexachlorobutadiene
 Concen: 50.614 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.00 min
 Lab File: VX007255.D
 Acq: 26 Jan 2019 02:54

Tgt Ion:225 Resp: 175960
 Ion Ratio Lower Upper
 225 100
 223 62.0 32.1 96.3
 227 62.8 32.3 96.8

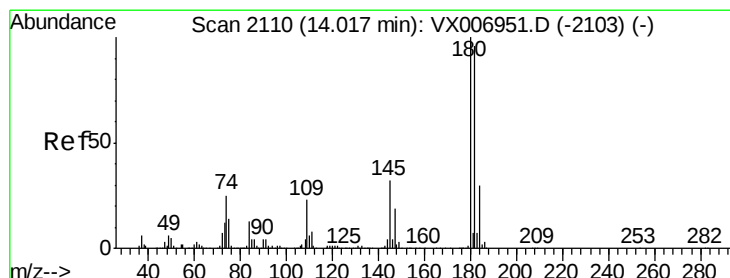
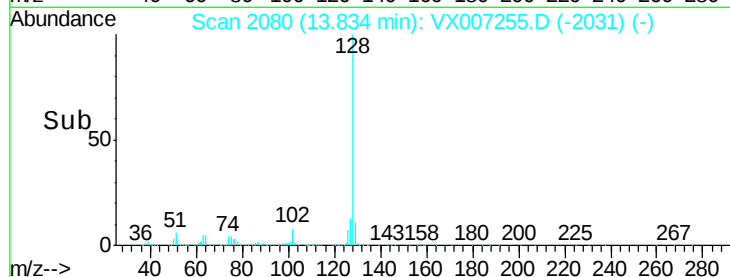
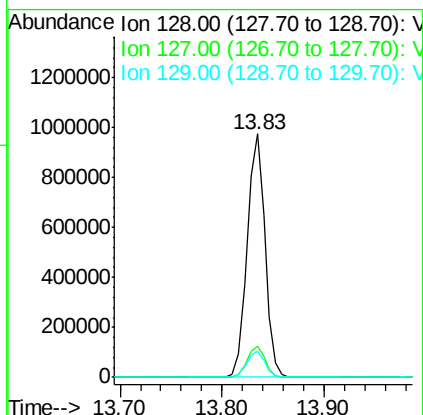
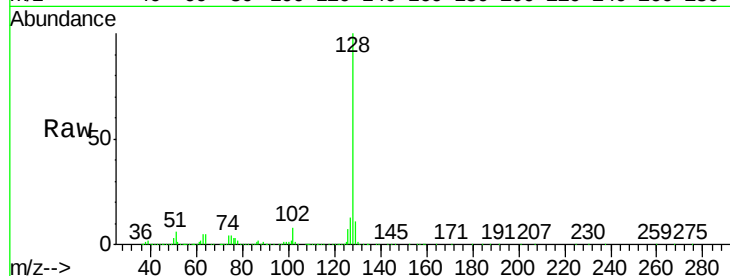




#95
Naphthalene
Concen: 49.663 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 1178950
Ion Ratio Lower Upper
128 100
127 13.0 10.1 15.1
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 48.830 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007255.D
Acq: 26 Jan 2019 02:54

Tgt Ion:180 Resp: 380015
Ion Ratio Lower Upper
180 100
182 95.8 48.5 145.5
145 30.4 16.0 47.9

