

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX012419\
 Data File : VX007195.D
 Acq On : 24 Jan 2019 10:36
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jan 24 23:58:22 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	5.66	168	482355	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	695660	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	642155	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	342702	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	243708	48.34	ug/l	0.00
Spiked Amount			Recovery	=	96.68%	
35) Dibromofluoromethane	5.50	113	223554	50.18	ug/l	0.00
Spiked Amount			Recovery	=	100.36%	
50) Toluene-d8	8.71	98	826273	50.67	ug/l	0.00
Spiked Amount			Recovery	=	101.34%	
62) 4-Bromofluorobenzene	11.13	95	301538	53.04	ug/l	0.00
Spiked Amount			Recovery	=	106.08%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	186471	47.076	ug/l	99
3) Chloromethane	1.33	50	205855	44.642	ug/l	99
4) Vinyl Chloride	1.41	62	220881	44.530	ug/l	99
5) Bromomethane	1.64	94	226461	42.732	ug/l	96
6) Chloroethane	1.71	64	148191	42.786	ug/l	99
7) Trichlorofluoromethane	1.93	101	372366	46.460	ug/l	99
8) Diethyl Ether	2.19	74	144975	45.467	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	228719	47.666	ug/l	99
10) Methyl Iodide	2.51	142	329623	50.926	ug/l	100
11) Tert butyl alcohol	3.08	59	283792	238.652	ug/l	99
12) 1,1-Dichloroethene	2.37	96	201358	45.420	ug/l	99
13) Acrolein	2.30	56	158820	308.940	ug/l	99
14) Allyl chloride	2.73	41	358962	47.246	ug/l	99
15) Acrylonitrile	3.15	53	679784	249.019	ug/l	100
16) Acetone	2.45	43	667696	267.923	ug/l	100
17) Carbon Disulfide	2.57	76	450788	39.495	ug/l	100
18) Methyl Acetate	2.78	43	373496	51.752	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	739617	48.067	ug/l	98
20) Methylene Chloride	2.86	84	235597	49.700	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	216209	43.764	ug/l	98
22) Diisopropyl ether	3.87	45	690189	48.321	ug/l	94
23) Vinyl Acetate	3.82	43	2891283	240.028	ug/l	99
24) 1,1-Dichloroethane	3.70	63	405412	50.760	ug/l	98
25) 2-Butanone	4.70	43	928664	260.432	ug/l	96
26) 2,2-Dichloropropane	4.59	77	297614	48.459	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	250538	45.976	ug/l	96
28) Bromochloromethane	5.02	49	168043	48.022	ug/l	97
29) Tetrahydrofuran	5.15	42	566942	244.649	ug/l	97
30) Chloroform	5.21	83	407872	48.776	ug/l	100
31) Cyclohexane	5.57	56	320535	45.091	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	350235	49.413	ug/l	99
36) 1,1-Dichloropropene	5.80	75	287445	47.526	ug/l	99
37) Ethyl Acetate	4.85	43	328276	50.627	ug/l	98
38) Carbon Tetrachloride	5.78	117	306716	50.404	ug/l	96

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	366556	47.540	ug/l	100
40) Benzene	6.14	78	890806	48.270	ug/l	99
41) Methacrylonitrile	5.06	41	183131	49.026	ug/l	98
42) 1,2-Dichloroethane	6.20	62	306238	48.020	ug/l	100
43) Isopropyl Acetate	6.46	43	524785	51.309	ug/l	97
44) Trichloroethene	7.21	130	261558	47.296	ug/l	92
45) 1,2-Dichloropropane	7.51	63	228144	49.173	ug/l	99
46) Dibromomethane	7.66	93	162303	49.775	ug/l	97
47) Bromodichloromethane	7.90	83	295289	53.203	ug/l	97
48) Methyl methacrylate	7.77	41	268632	51.144	ug/l	97
49) 1,4-Dioxane	7.75	88	123732	1031.804	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1752105	266.557	ug/l	99
52) Toluene	8.78	92	588321	49.599	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	328987	53.455	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	360998	53.114	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	254160	53.533	ug/l	99
56) Ethyl methacrylate	9.18	69	363019	52.375	ug/l	96
57) 1,3-Dichloropropane	9.37	76	396305	50.951	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	942561	264.492	ug/l	99
59) 2-Hexanone	9.49	43	1356001	270.709	ug/l	99
60) Dibromochloromethane	9.59	129	264599	57.394	ug/l	99
61) 1,2-Dibromoethane	9.67	107	269816	51.622	ug/l	100
64) Tetrachloroethene	9.34	164	277725	49.954	ug/l	98
65) Chlorobenzene	10.13	112	686346	49.005	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	256096	54.355	ug/l	99
67) Ethyl Benzene	10.25	91	1139888	49.299	ug/l	99
68) m/p-Xylenes	10.36	106	908785	99.761	ug/l	100
69) o-Xylene	10.70	106	441576	49.704	ug/l	98
70) Styrene	10.71	104	717006	50.958	ug/l	99
71) Bromoform	10.86	173	201951	48.107	ug/l	99
73) Isopropylbenzene	11.02	105	1192312	49.340	ug/l	99
74) N-amyl acetate	10.90	43	467726	48.073	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	368368	48.017	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	424821	61.172	ug/l	91
77) Bromobenzene	11.26	156	320503	48.135	ug/l	99
78) n-propylbenzene	11.36	91	1341008	50.550	ug/l	98
79) 2-Chlorotoluene	11.42	91	771613	48.320	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	992119	49.134	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	107194	46.840	ug/l	99
82) 4-Chlorotoluene	11.51	91	908171	49.118	ug/l	99
83) tert-Butylbenzene	11.77	119	973258	48.310	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1004111	49.452	ug/l	99
85) sec-Butylbenzene	11.94	105	1222430	50.808	ug/l	100
86) p-Isopropyltoluene	12.07	119	1091947	50.739	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	583951	48.521	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	587398	51.508	ug/l	100
89) n-Butylbenzene	12.39	91	953886	51.995	ug/l	99
90) Hexachloroethane	12.60	117	173056	50.349	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	580561	48.882	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	80631	53.142	ug/l	97

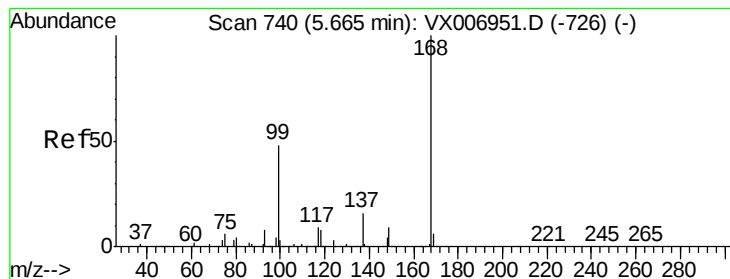
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Quant Title : SW846 8260
QLast Update : Tue Jan 08 14:06:59 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	416945	51.169	ug/l	99
94) Hexachlorobutadiene	13.78	225	195853	54.164	ug/l	98
95) Naphthalene	13.83	128	1254303	50.800	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	416098	51.405	ug/l	98

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

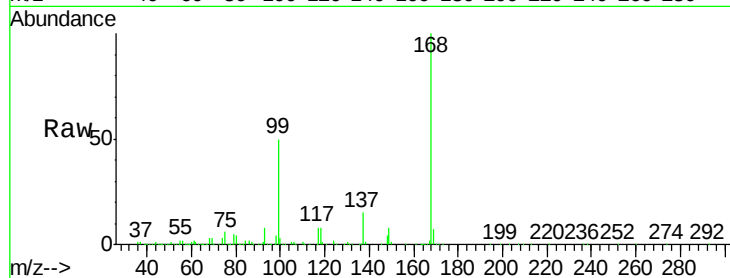
VSTDCCC050

Tot Ion:168 Resp: 482355

Ion Ratio Lower Upper

168 100

99 49.7 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

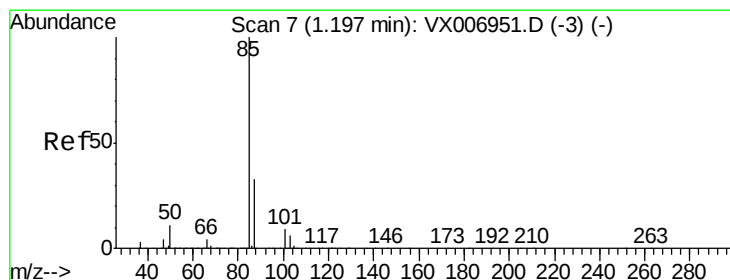
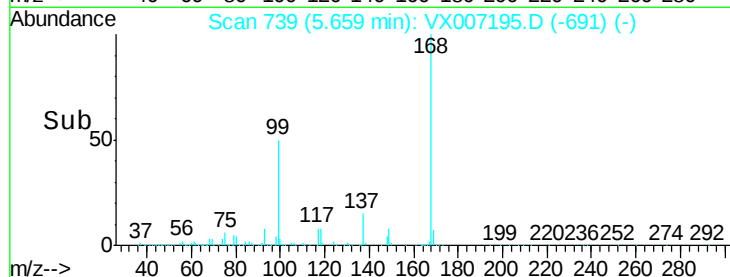
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 47.076 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX007195.D

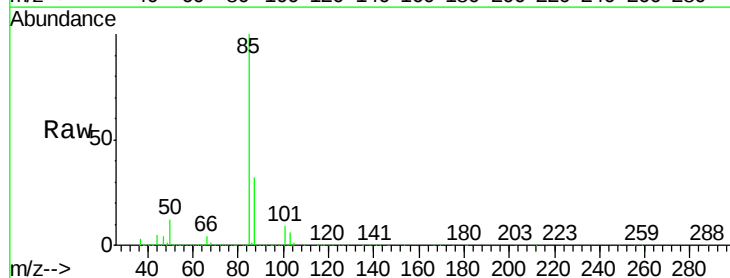
Acq: 24 Jan 2019 10:36

Tgt Ion: 85 Resp: 186471

Ion Ratio Lower Upper

85 100

87 32.3 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

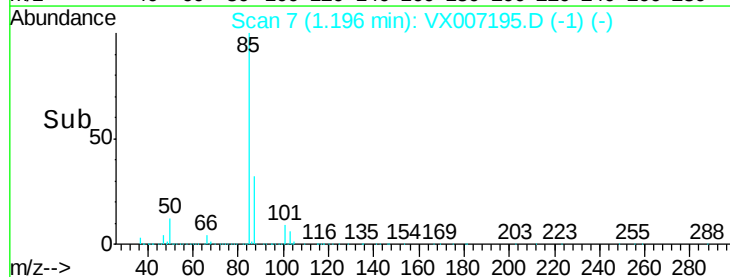
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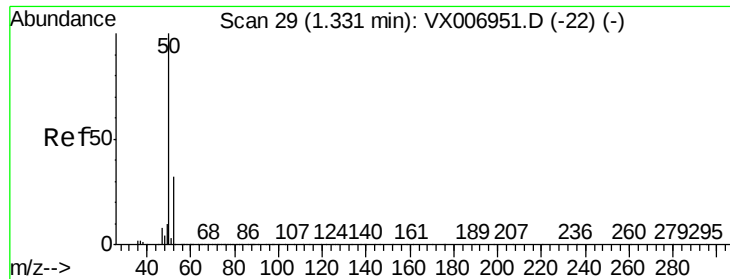
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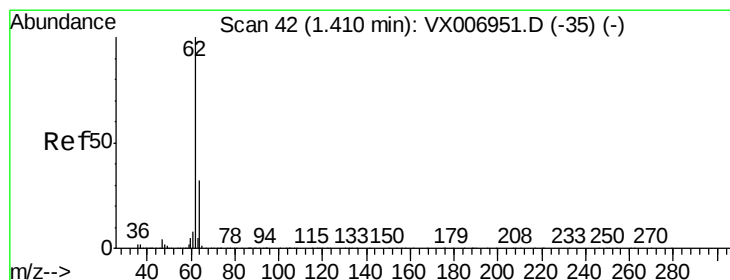
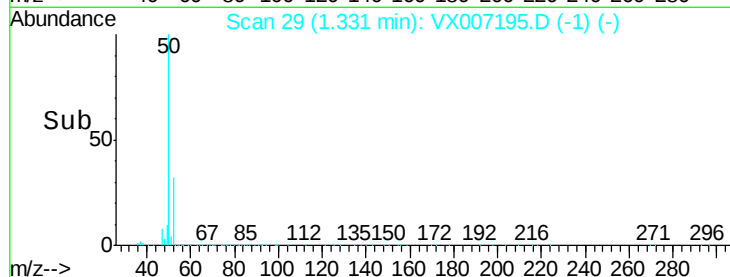
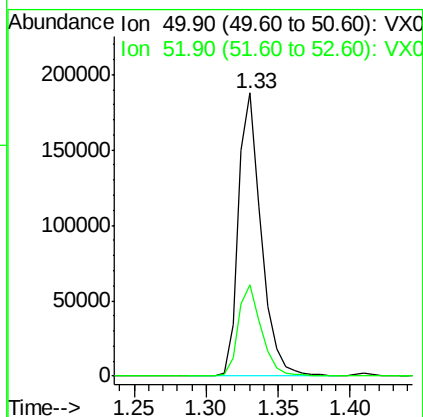
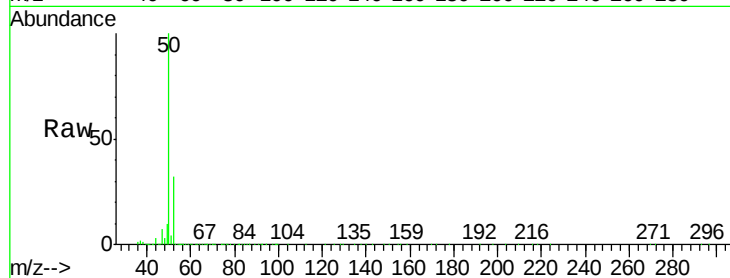




#3
Chloromethane
Concen: 44.642 ug/l
RT: 1.33 min Scan# 29
Delta R.T. -0.00 min
Lab File: VX007195.D
Acq: 24 Jan 2019 10:36

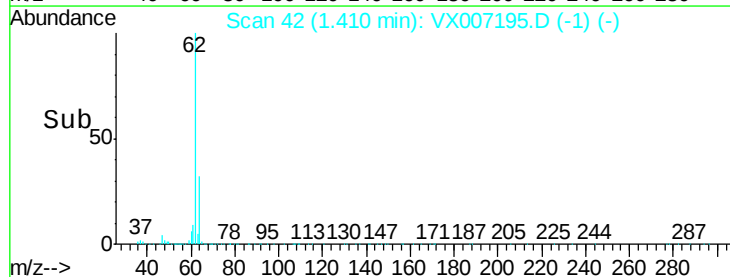
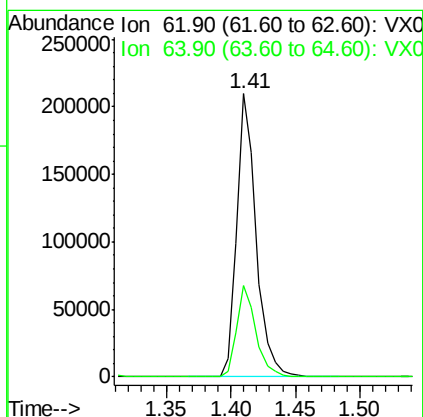
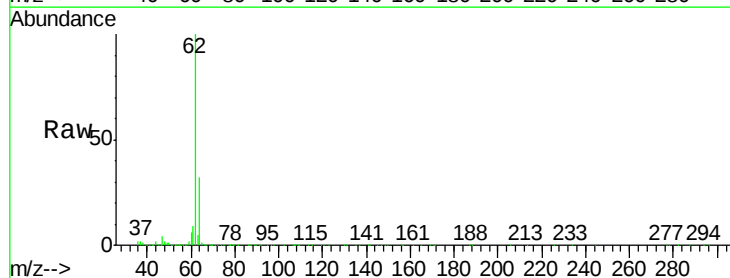
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

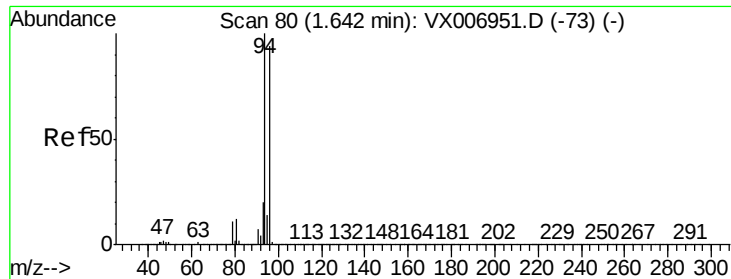
Tot Ion: 50 Resp: 205855
Ion Ratio Lower Upper
50 100
52 32.2 25.4 38.2



#4
Vinyl Chloride
Concen: 44.530 ug/l
RT: 1.41 min Scan# 42
Delta R.T. -0.00 min
Lab File: VX007195.D
Acq: 24 Jan 2019 10:36

Tgt Ion: 62 Resp: 220881
Ion Ratio Lower Upper
62 100
64 32.2 25.1 37.7





#5

Bromomethane

Concen: 42.732 ug/l

RT: 1.64 min Scan# 80

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

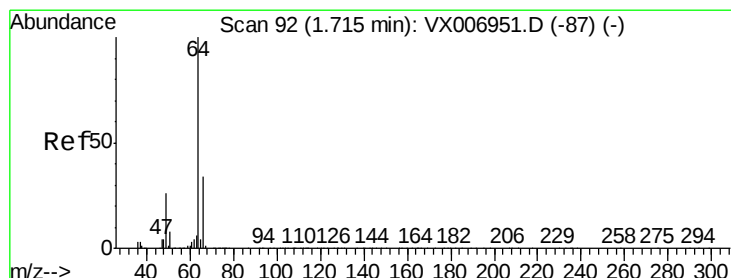
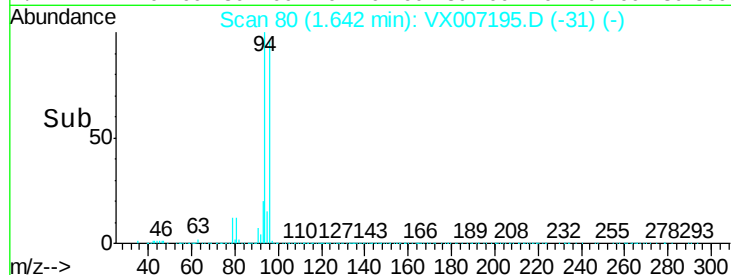
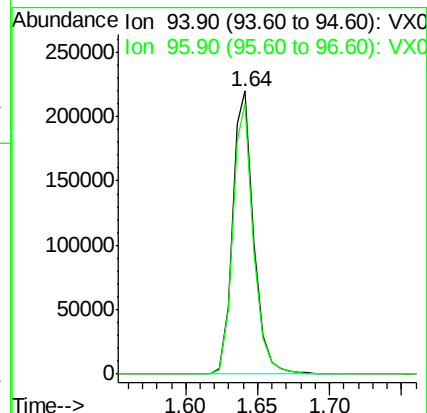
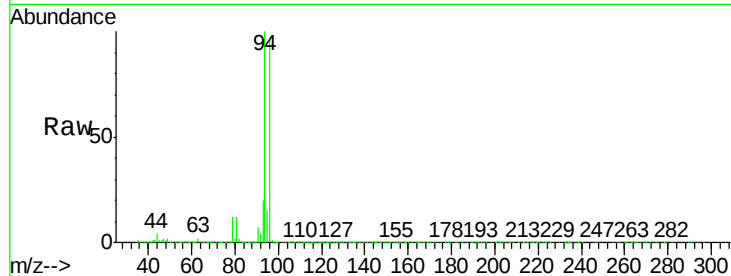
VSTDCCC050

Tot Ion: 94 Resp: 226461

Ion Ratio Lower Upper

94 100

96 95.5 73.4 110.2



#6

Chloroethane

Concen: 42.786 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX007195.D

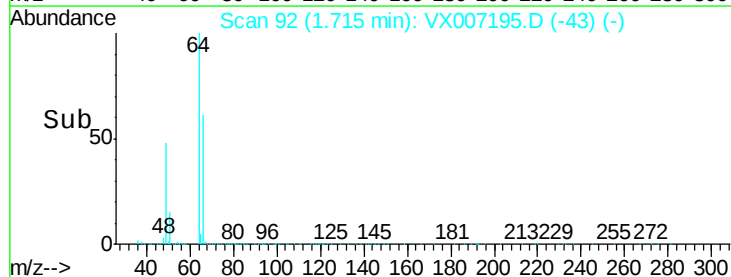
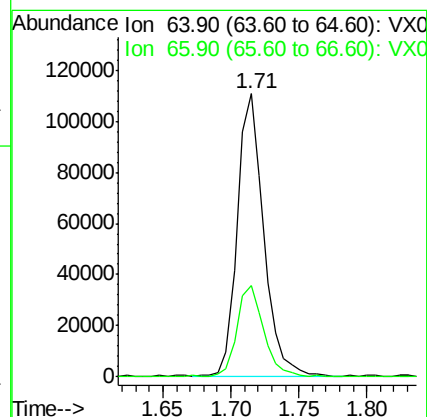
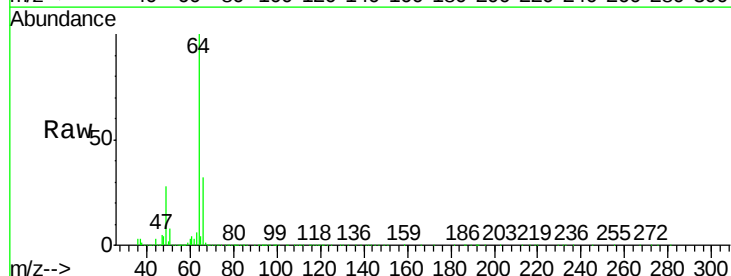
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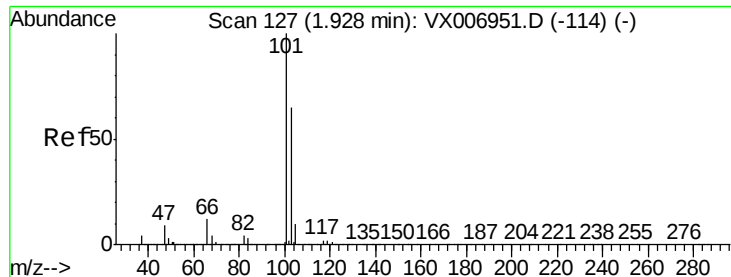
Tgt Ion: 64 Resp: 148191

Ion Ratio Lower Upper

64 100

66 32.3 26.4 39.6



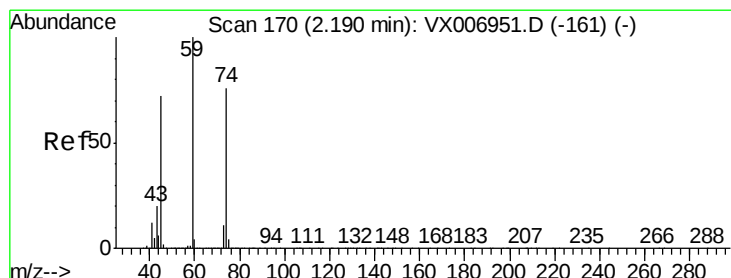
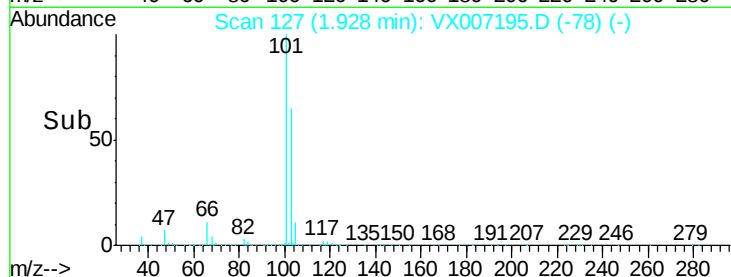
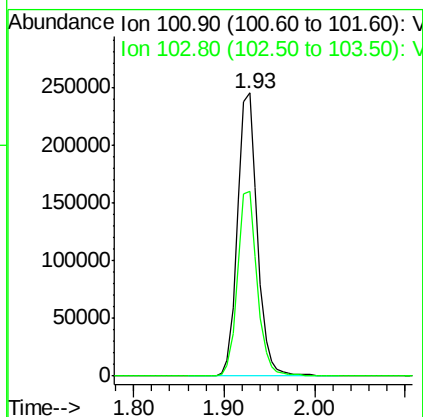
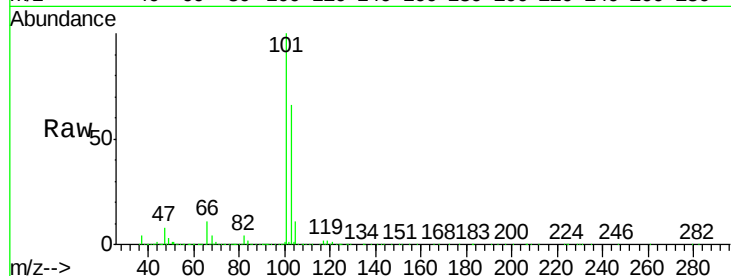


#7

Trichlorofluoromethane
Concen: 46.460 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX007195.D
Acq: 24 Jan 2019 10:36

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VSTDCCC050

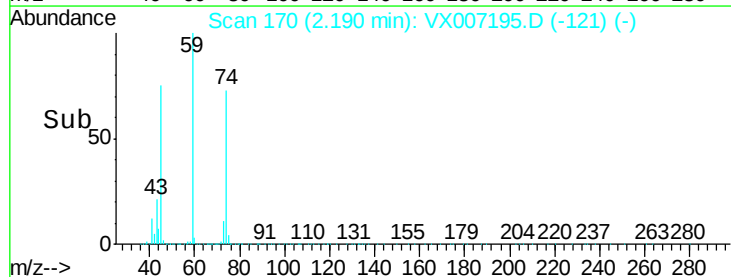
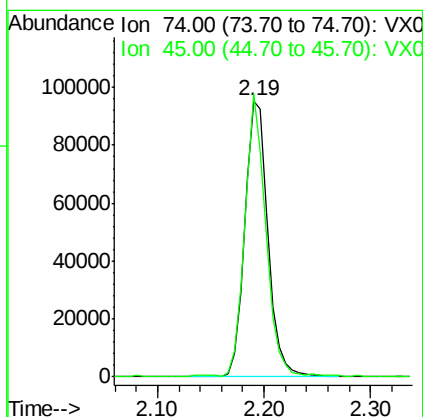
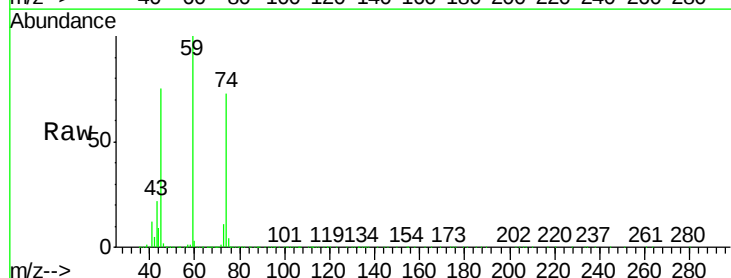
Tot Ion:101 Resp: 372366
Ion Ratio Lower Upper
101 100
103 65.4 53.2 79.8

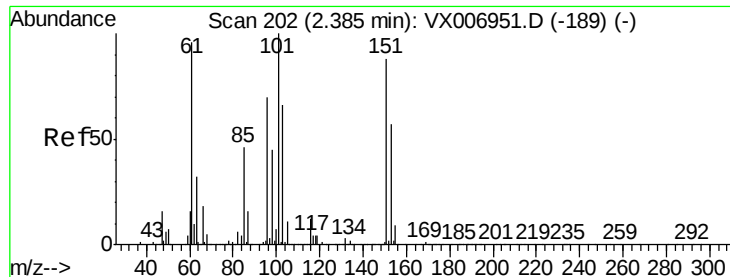


#8

Diethyl Ether
Concen: 45.467 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX007195.D
Acq: 24 Jan 2019 10:36

Tgt Ion: 74 Resp: 144975
Ion Ratio Lower Upper
74 100
45 93.4 46.3 138.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.666 ug/l

RT: 2.39 min Scan# 202

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

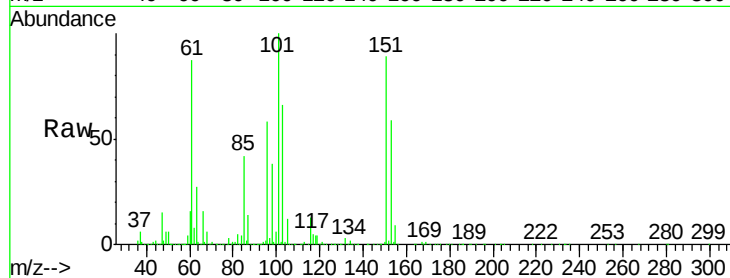
Tot Ion:101 Resp: 228719

Ion Ratio Lower Upper

101 100

85 43.1 35.1 52.7

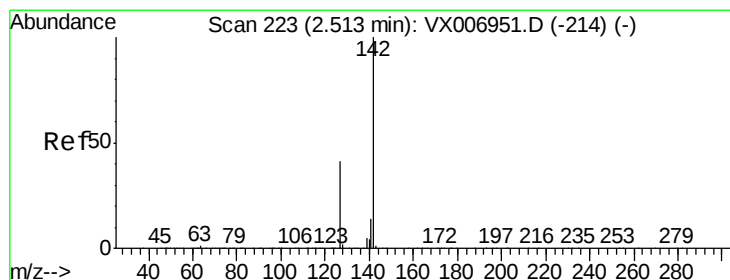
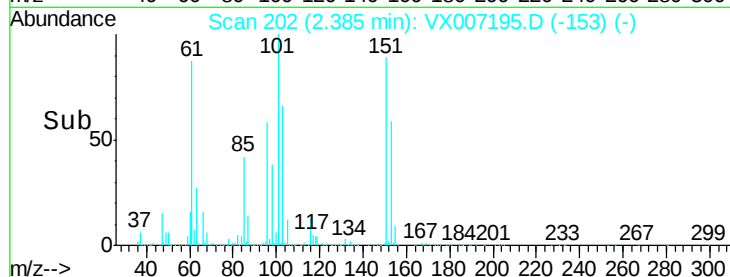
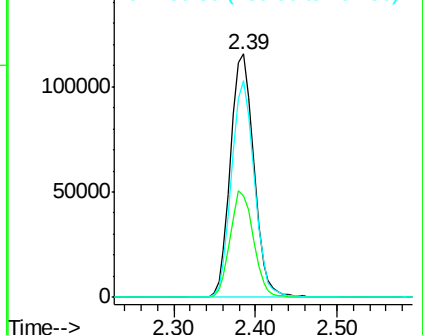
151 86.9 68.9 103.3



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: 50.926 ug/l

RT: 2.51 min Scan# 223

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

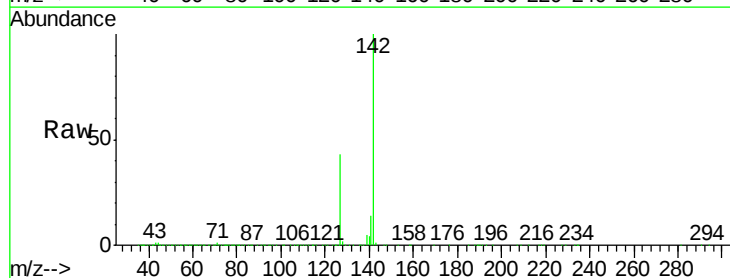
Tgt Ion:142 Resp: 329623

Ion Ratio Lower Upper

142 100

127 42.7 33.9 50.9

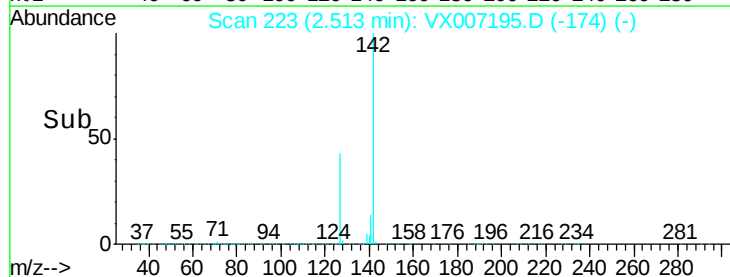
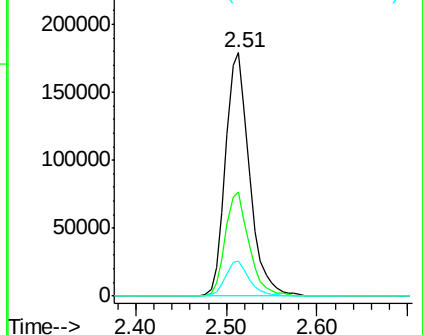
141 14.3 11.4 17.0

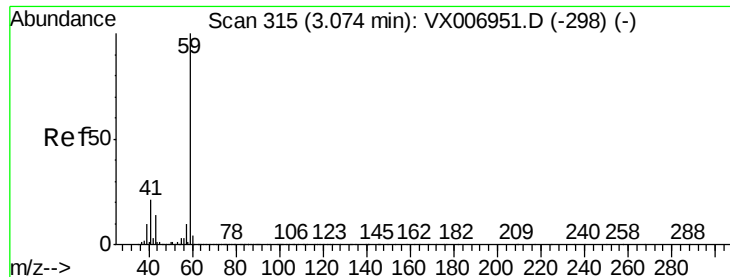


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



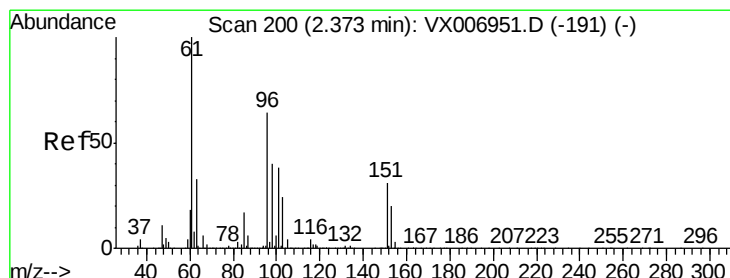
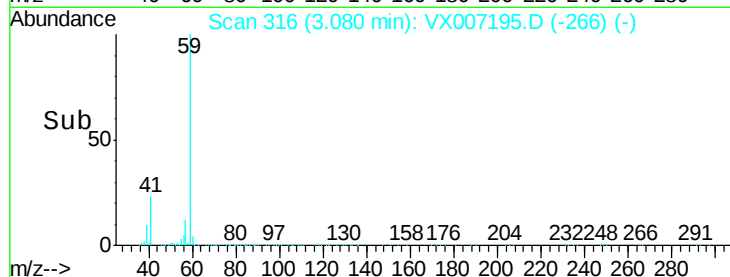
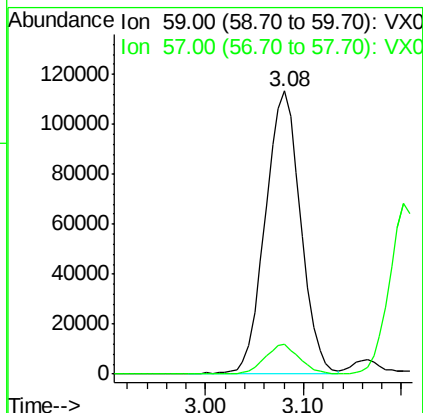
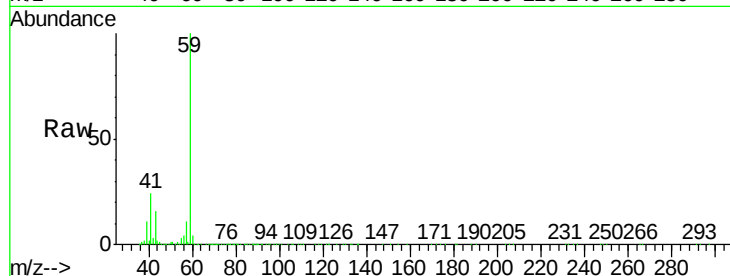


#11

Tert butyl alcohol
Concen: 238.652 ug/l
RT: 3.08 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX007195.D
Acq: 24 Jan 2019 10:36

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

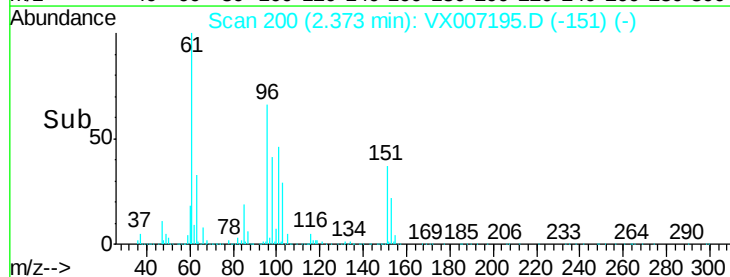
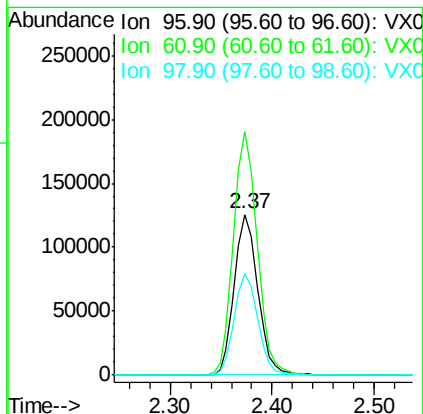
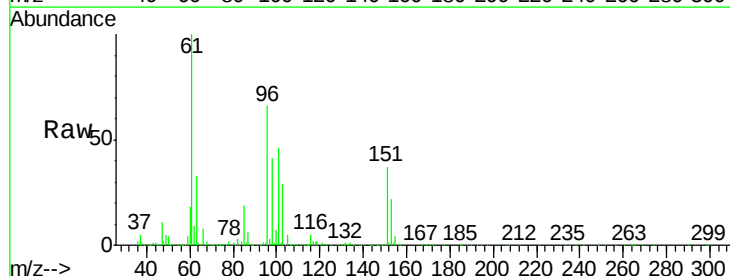
Tot Ion: 59 Resp: 283792
Ion Ratio Lower Upper
59 100
57 10.4 8.5 12.7

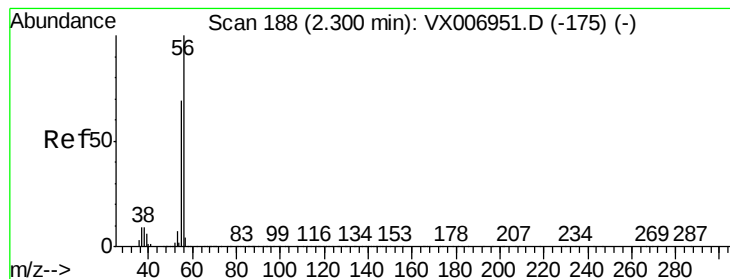


#12

1,1-Dichloroethene
Concen: 45.420 ug/l
RT: 2.37 min Scan# 200
Delta R.T. -0.00 min
Lab File: VX007195.D
Acq: 24 Jan 2019 10:36

Tgt Ion: 96 Resp: 201358
Ion Ratio Lower Upper
96 100
61 151.5 121.4 182.2
98 62.8 51.9 77.9





#13

Acrolein

Concen: 308.940 ug/l

RT: 2.30 min Scan# 188

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampled :

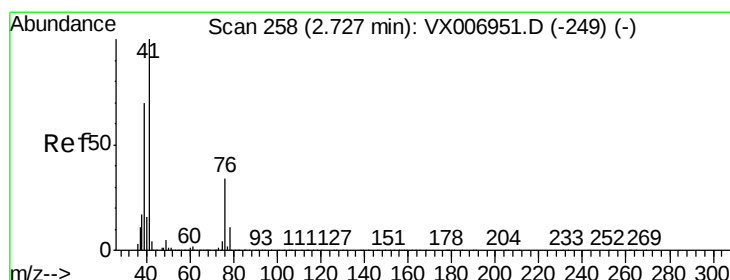
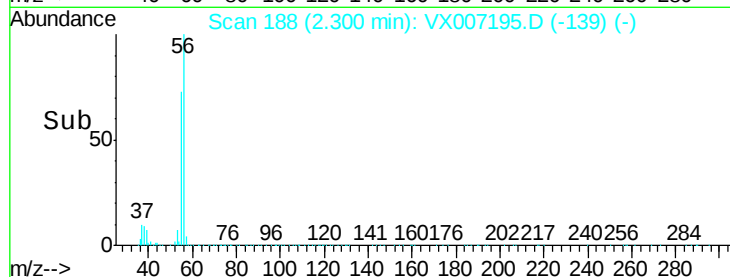
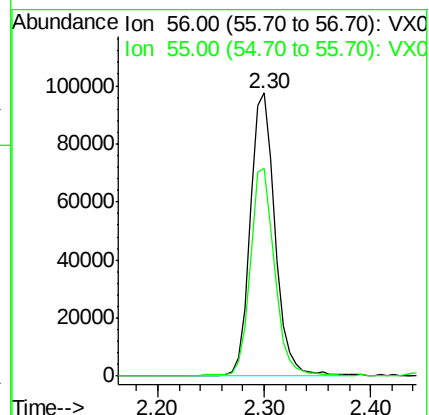
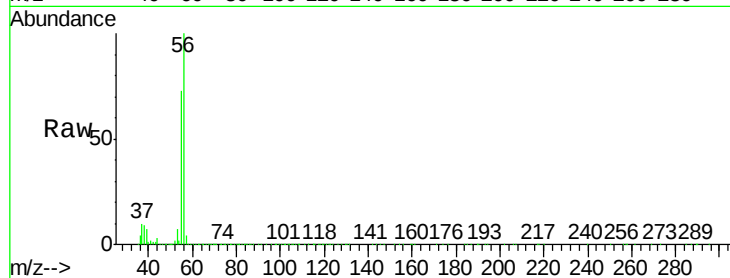
VSTDCCC050

Tot Ion: 56 Resp: 158820

Ion Ratio Lower Upper

56 100

55 72.3 58.2 87.4



#14

Allyl chloride

Concen: 47.246 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

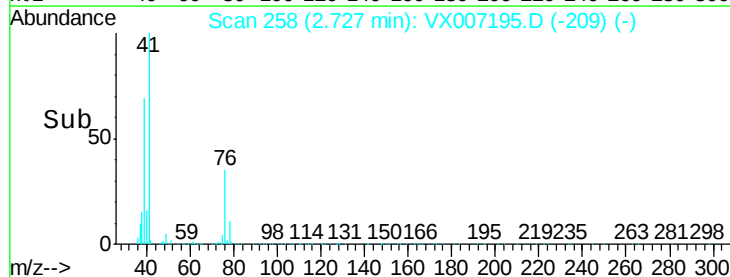
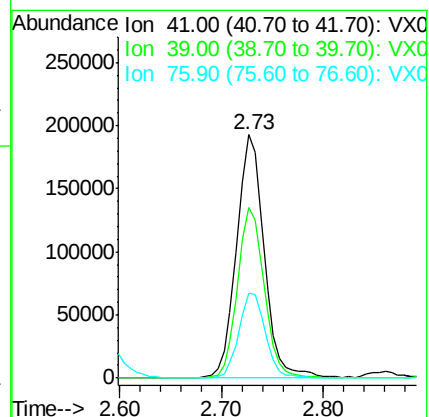
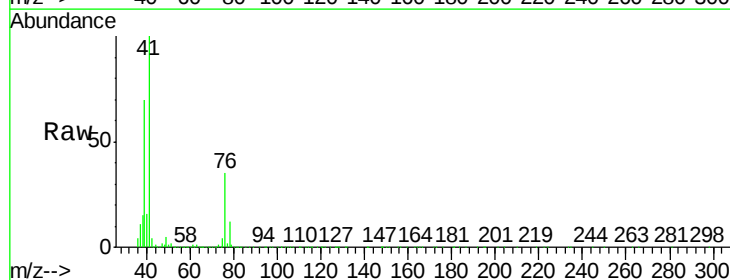
Tgt Ion: 41 Resp: 358962

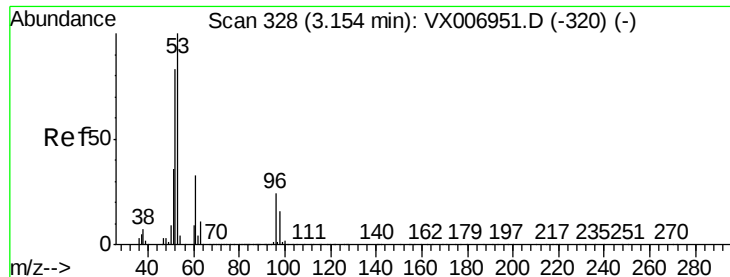
Ion Ratio Lower Upper

41 100

39 67.7 53.6 80.4

76 33.7 27.4 41.2





#15

Acrylonitrile

Concen: 249.019 ug/l

RT: 3.15 min Scan# 328

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

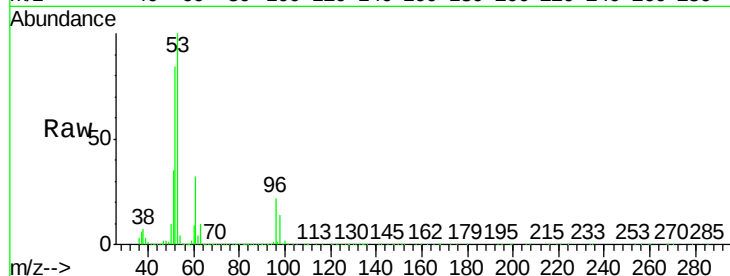
Tot Ion: 53 Resp: 679784

Ion Ratio Lower Upper

53 100

52 82.7 66.0 99.0

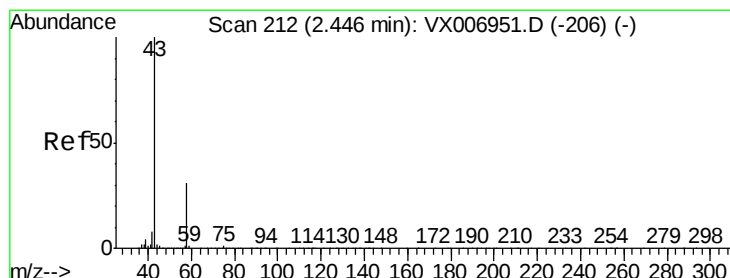
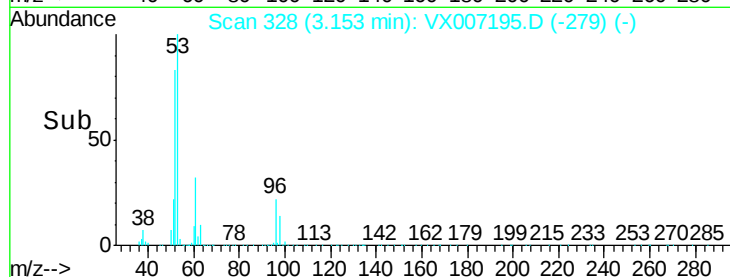
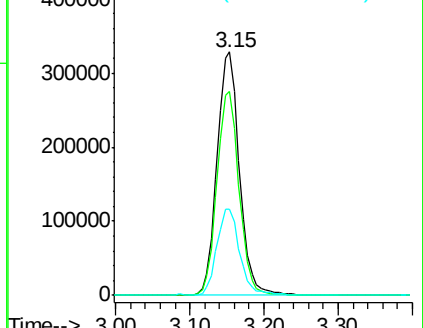
51 36.4 28.6 42.8



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: 267.923 ug/l

RT: 2.45 min Scan# 213

Delta R.T. 0.01 min

Lab File: VX007195.D

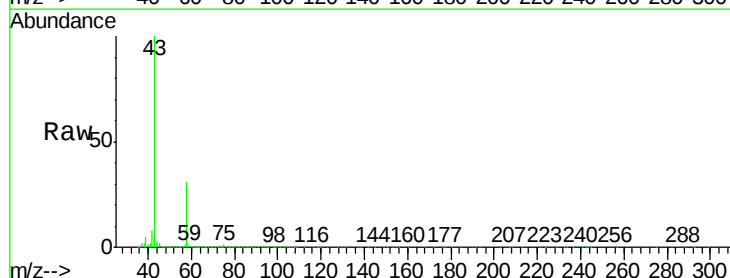
Acq: 24 Jan 2019 10:36

Tgt Ion: 43 Resp: 667696

Ion Ratio Lower Upper

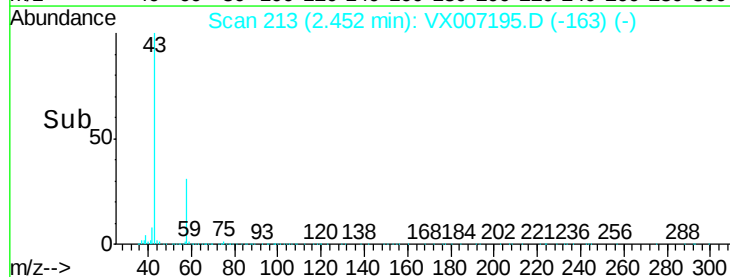
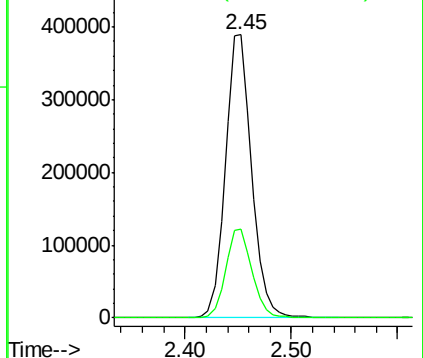
43 100

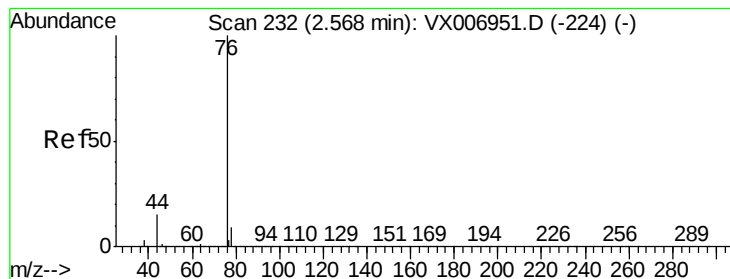
58 31.3 25.0 37.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 39.495 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

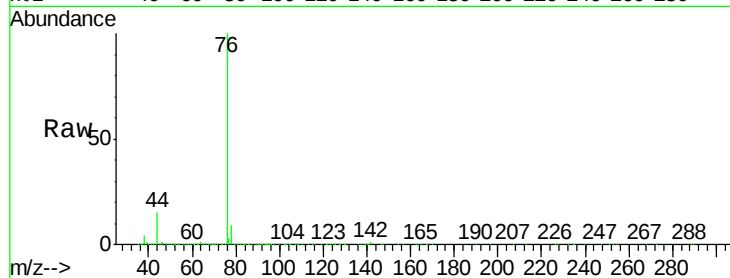
VSTDCCC050

Tot Ion: 76 Resp: 450788

Ion Ratio Lower Upper

76 100

78 8.7 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

2.57

250000

200000

150000

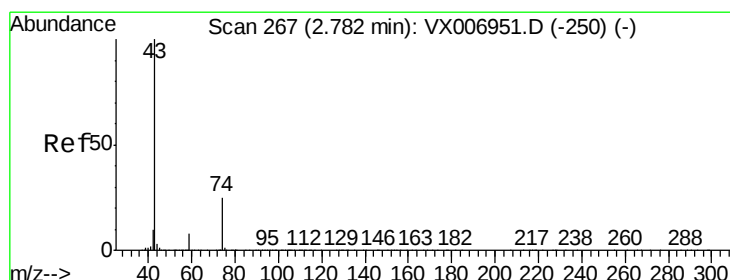
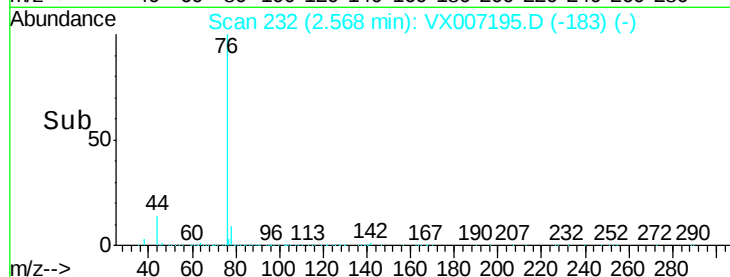
100000

50000

0

Time-->

2.50 2.60 2.70



#18

Methyl Acetate

Concen: 51.752 ug/l

RT: 2.78 min Scan# 267

Delta R.T. -0.00 min

Lab File: VX007195.D

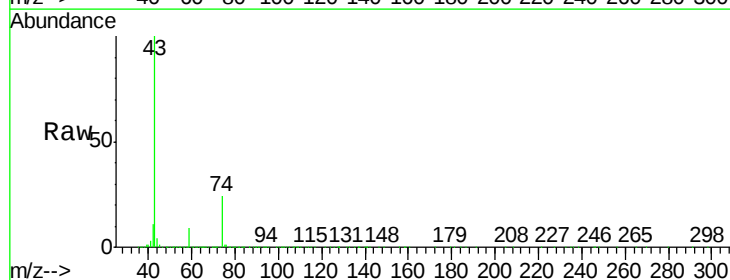
Acq: 24 Jan 2019 10:36

Tgt Ion: 43 Resp: 373496

Ion Ratio Lower Upper

43 100

74 24.0 18.6 28.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

2.78

200000

150000

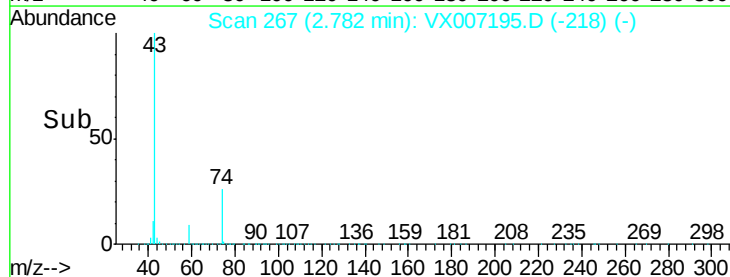
100000

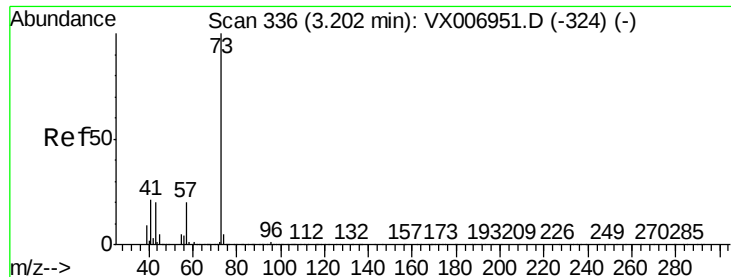
50000

0

Time-->

2.70 2.80 2.90



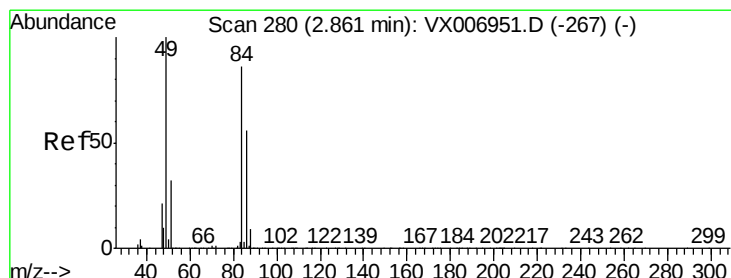
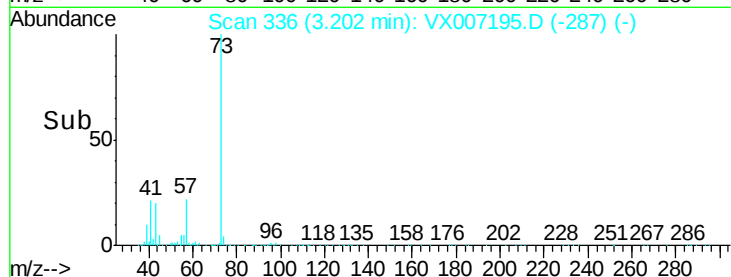
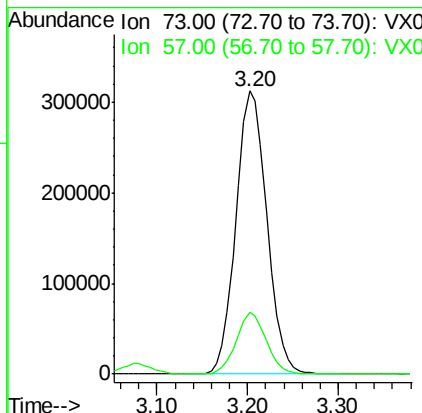
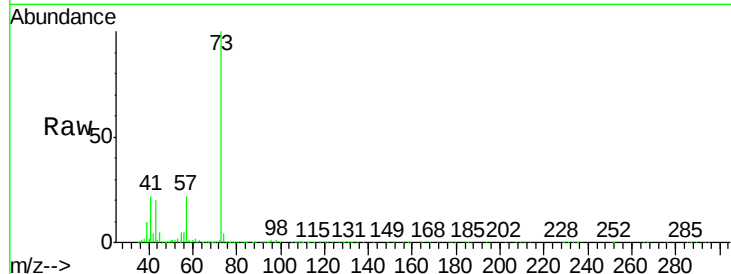


#19

Methyl tert-butyl Ether
 Concen: 48.067 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX007195.D
 Acq: 24 Jan 2019 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

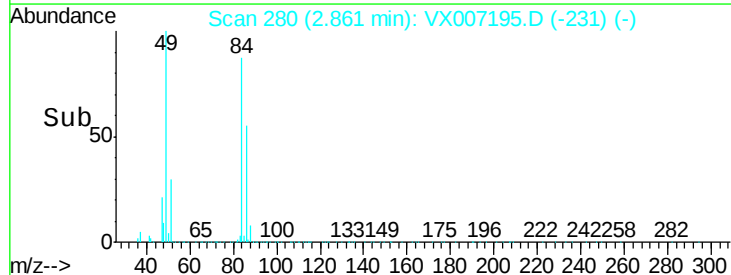
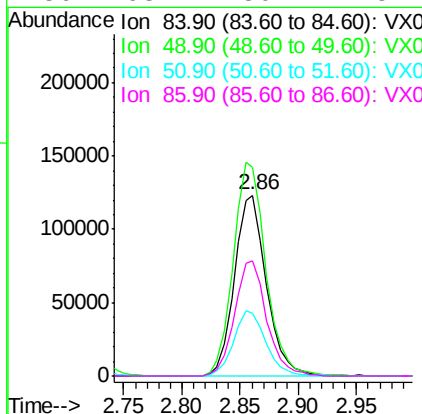
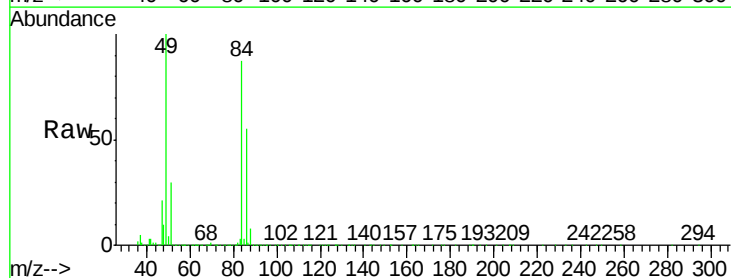
Tot Ion: 73 Resp: 739617
 Ion Ratio Lower Upper
 73 100
 57 21.9 16.8 25.2

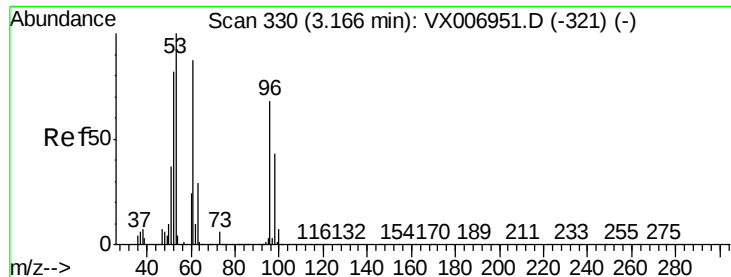


#20

Methylene Chloride
 Concen: 49.700 ug/l
 RT: 2.86 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX007195.D
 Acq: 24 Jan 2019 10:36

Tgt Ion: 84 Resp: 235597
 Ion Ratio Lower Upper
 84 100
 49 115.1 91.8 137.6
 51 34.8 28.5 42.7
 86 63.7 50.2 75.2





#21

trans-1,2-Dichloroethene

Concen: 43.764 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

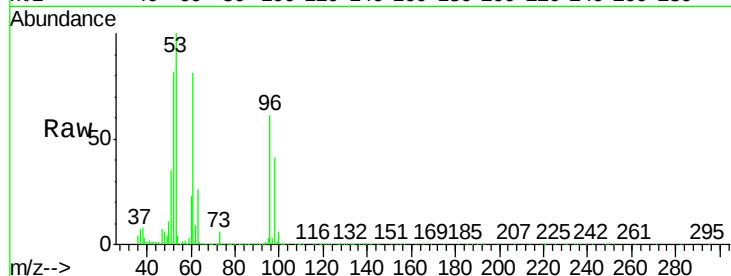
Tot Ion: 96 Resp: 216209

Ion Ratio Lower Upper

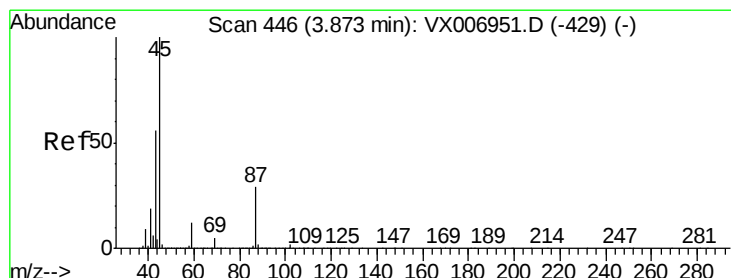
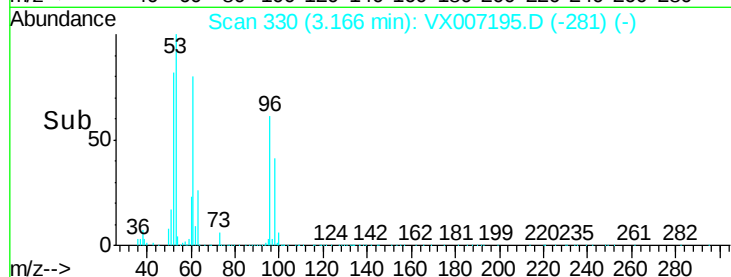
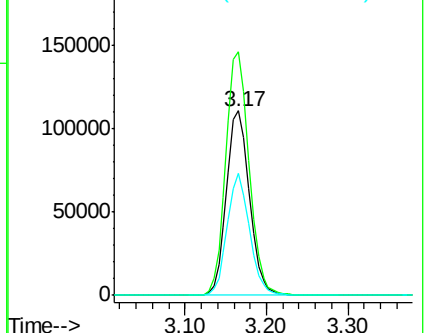
96 100

61 131.8 103.7 155.5

98 66.4 51.0 76.6



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



#22

Diisopropyl ether

Concen: 48.321 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Tgt Ion: 45 Resp: 690189

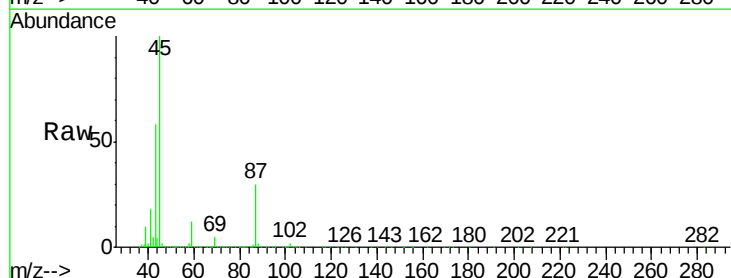
Ion Ratio Lower Upper

45 100

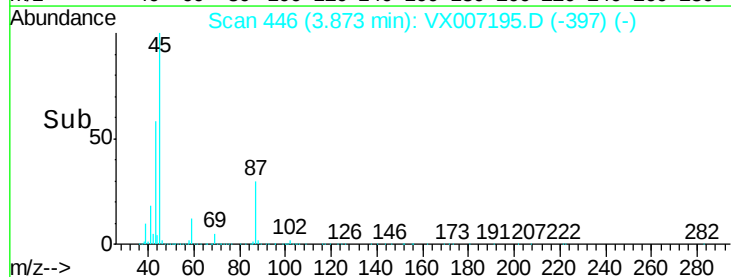
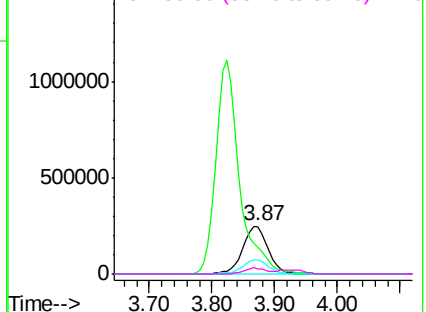
43 57.8 51.2 76.8

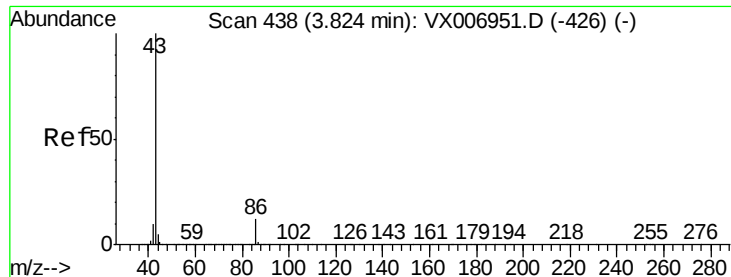
87 29.8 25.8 38.6

59 11.6 9.0 13.4



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





#23

Vinyl Acetate

Concen: 240.028 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

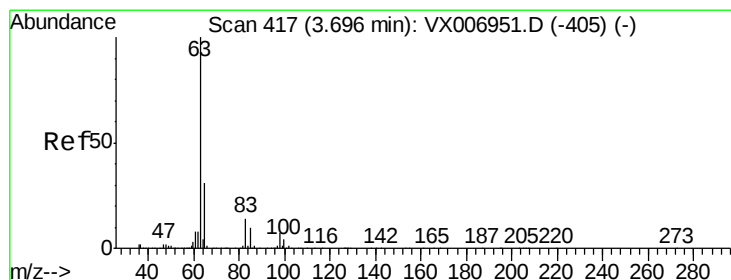
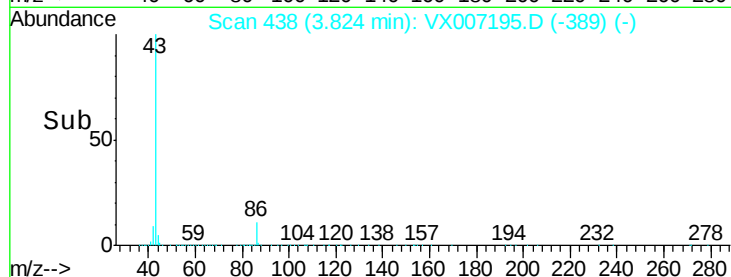
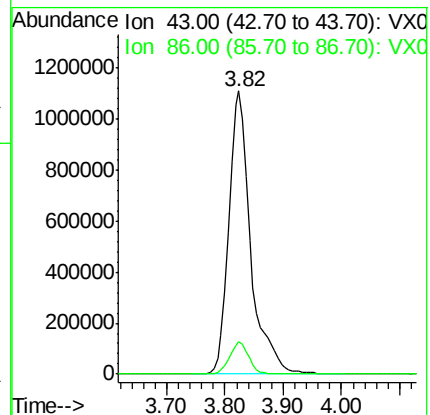
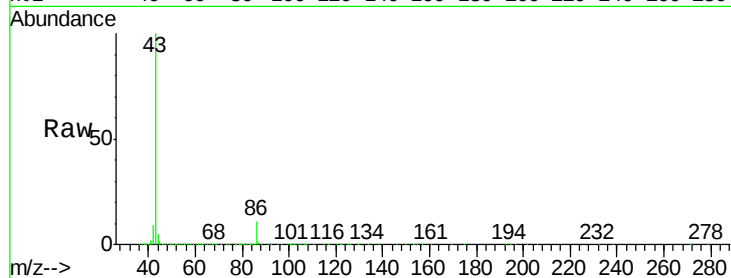
VSTDCCC050

Tot Ion: 43 Resp: 2891283

Ion Ratio Lower Upper

43 100

86 11.3 9.2 13.8



#24

1,1-Dichloroethane

Concen: 50.760 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

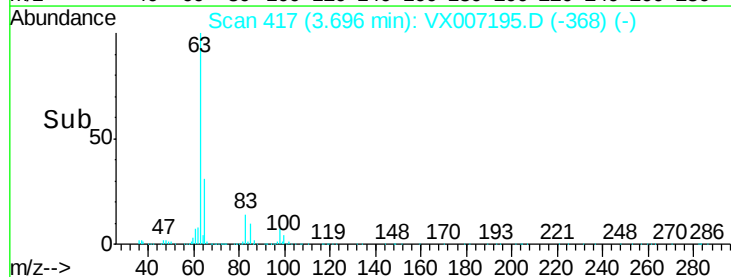
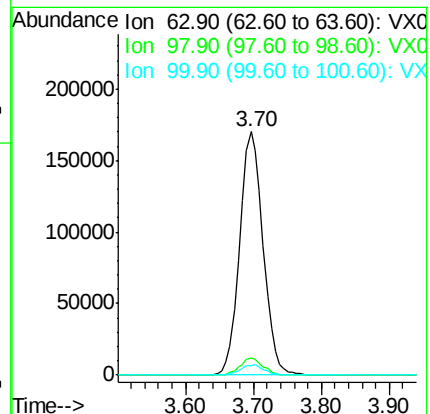
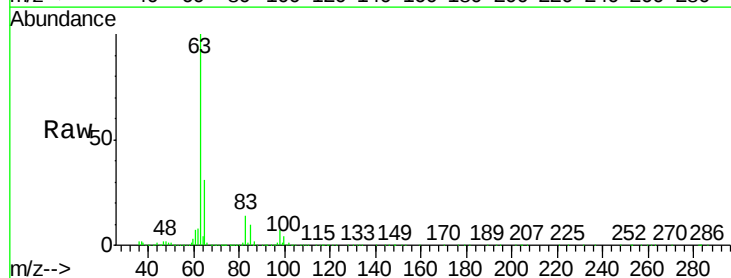
Tgt Ion: 63 Resp: 405412

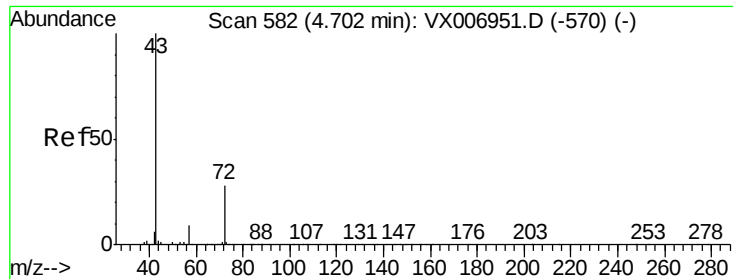
Ion Ratio Lower Upper

63 100

98 6.9 3.9 11.5

100 4.0 2.4 7.2





#25

2-Butanone

Concen: 260.432 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

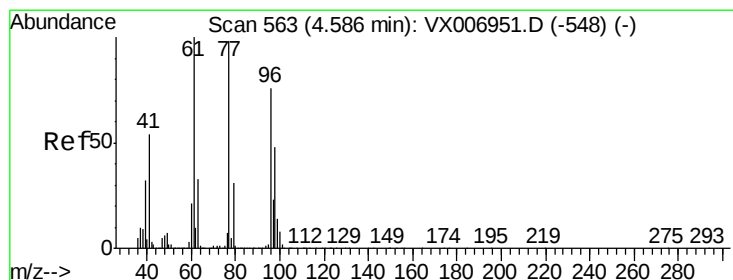
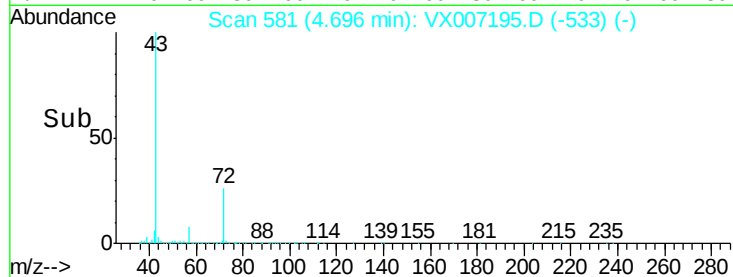
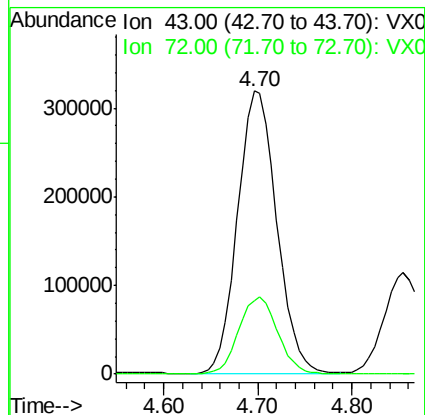
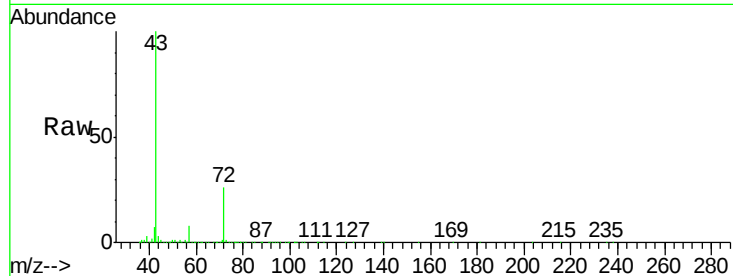
VSTDCCC050

Tot Ion: 43 Resp: 928664

Ion Ratio Lower Upper

43 100

72 26.0 22.4 33.6



#26

2,2-Dichloropropane

Concen: 48.459 ug/l

RT: 4.59 min Scan# 563

Delta R.T. -0.00 min

Lab File: VX007195.D

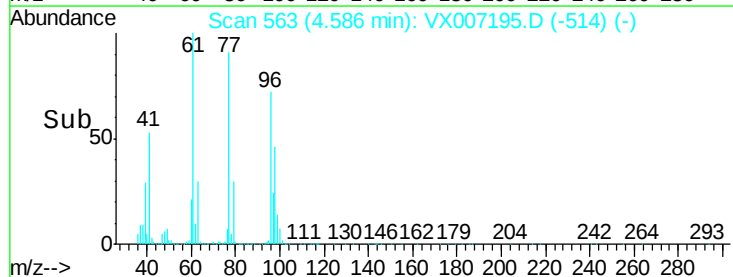
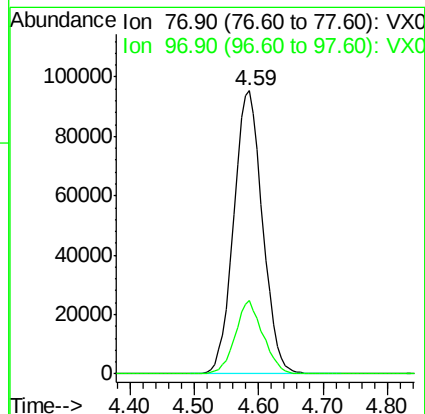
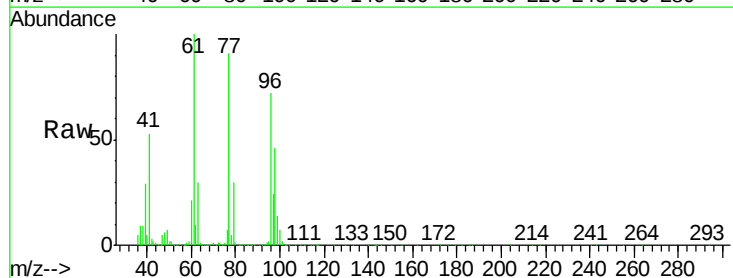
Acq: 24 Jan 2019 10:36

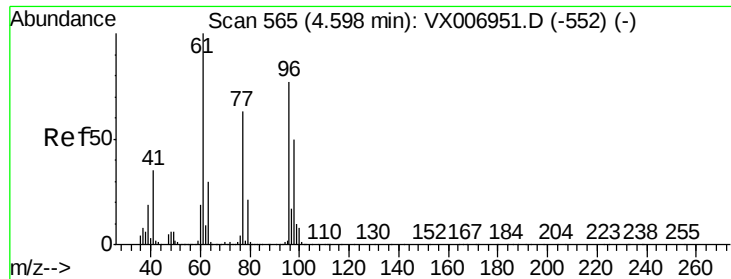
Tgt Ion: 77 Resp: 297614

Ion Ratio Lower Upper

77 100

97 24.7 12.4 37.4



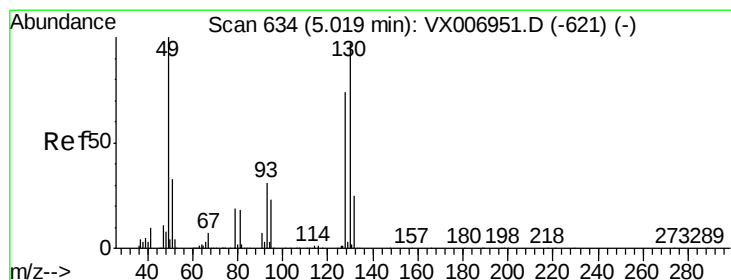
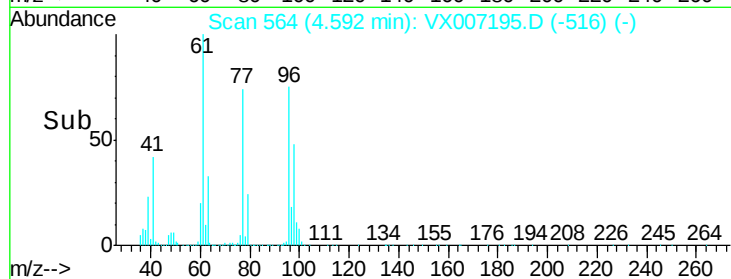
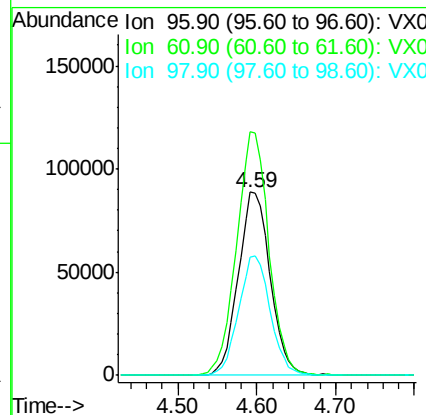
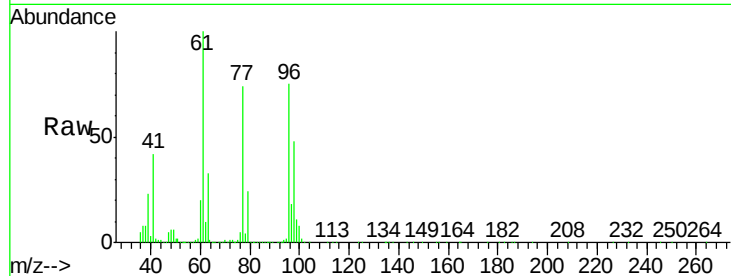


#27

cis-1,2-Dichloroethene
 Concen: 45.976 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX007195.D
 Acq: 24 Jan 2019 10:36

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

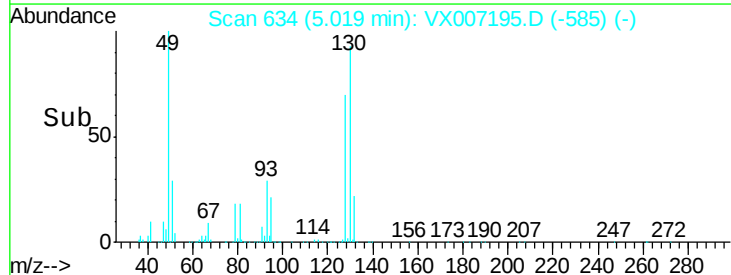
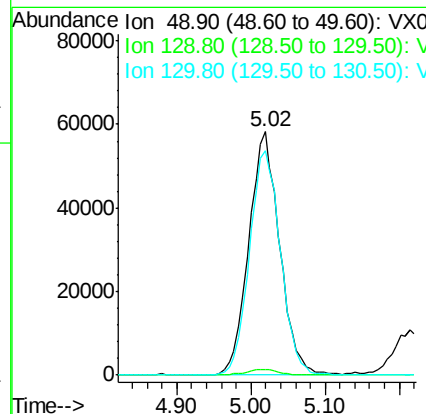
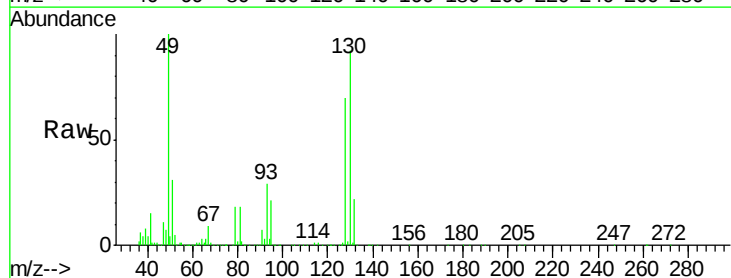
Tot Ion	Ratio	Lower	Upper
96	100		
61	134.6	0.0	258.6
98	64.6	0.0	132.0

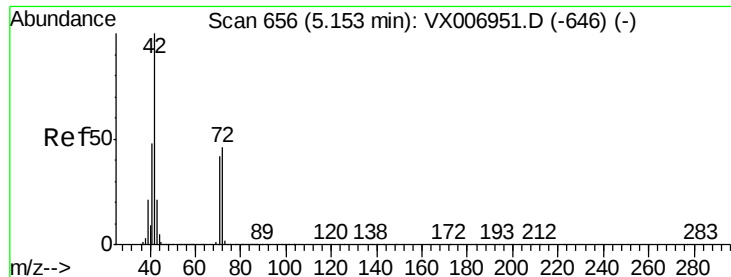


#28

Bromochloromethane
 Concen: 48.022 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX007195.D
 Acq: 24 Jan 2019 10:36

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.6	0.0	5.4
130	93.8	77.7	116.5





#29

Tetrahydrofuran

Concen: 244.649 ug/l

RT: 5.15 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

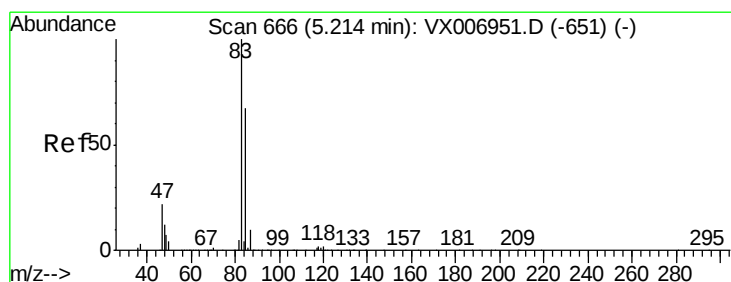
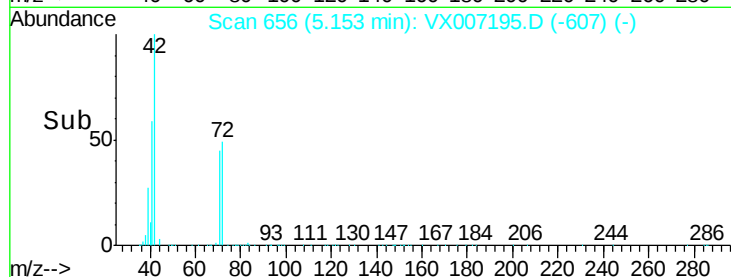
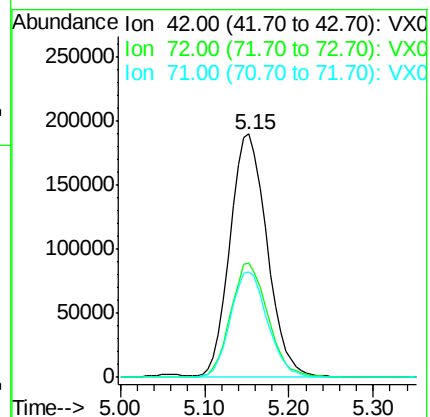
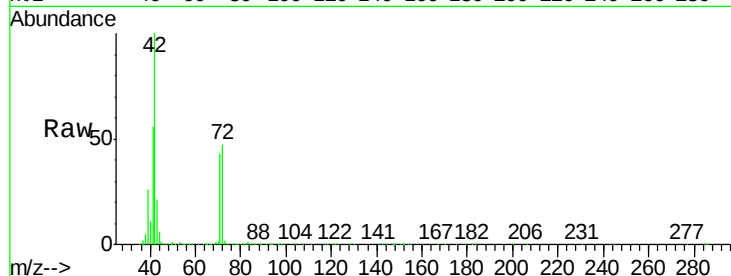
Tot Ion: 42 Resp: 566942

Ion Ratio Lower Upper

42 100

72 47.1 38.9 58.3

71 43.4 36.2 54.4



#30

Chloroform

Concen: 48.776 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX007195.D

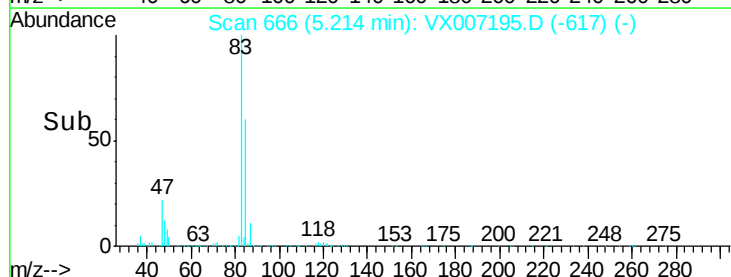
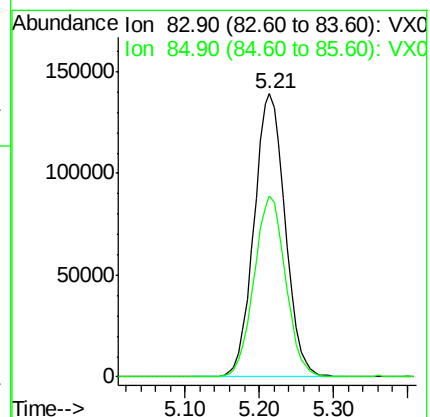
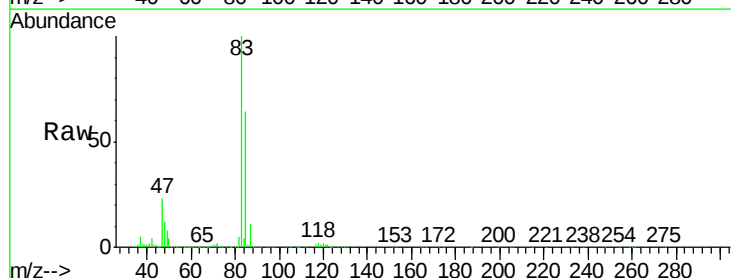
Acq: 24 Jan 2019 10:36

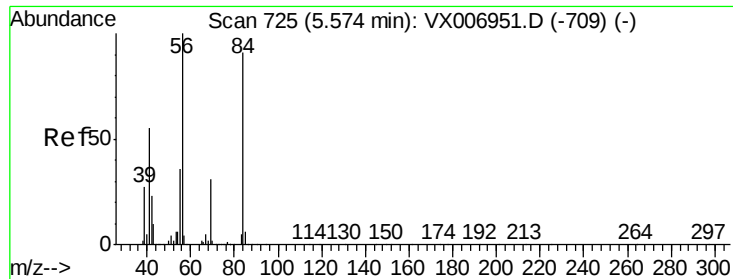
Tgt Ion: 83 Resp: 407872

Ion Ratio Lower Upper

83 100

85 63.9 51.2 76.8

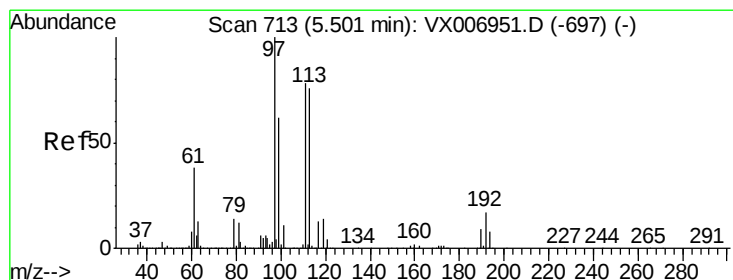
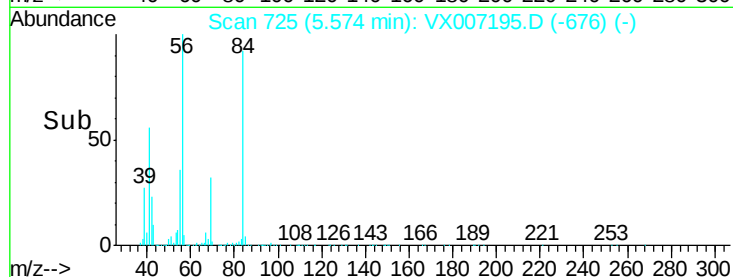
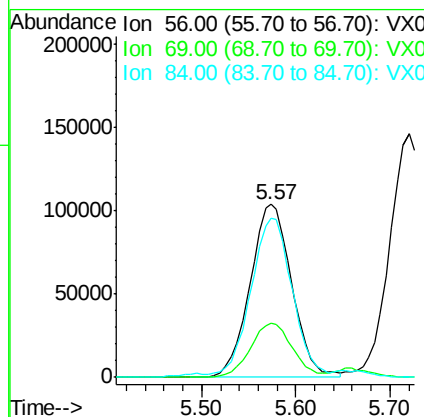
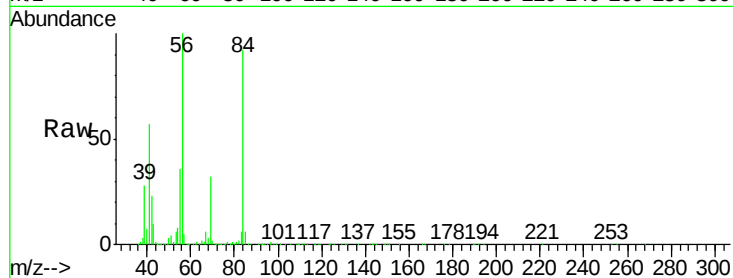




#31
Cyclohexane
Concen: 45.091 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX007195.D
Acq: 24 Jan 2019 10:36

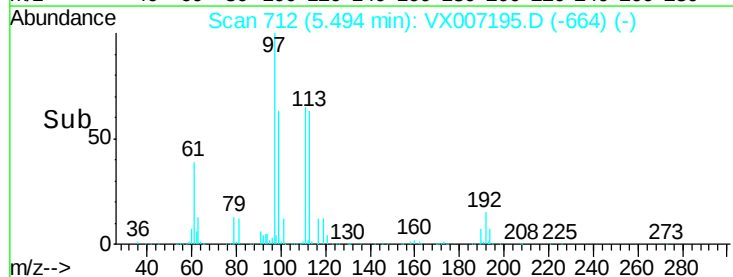
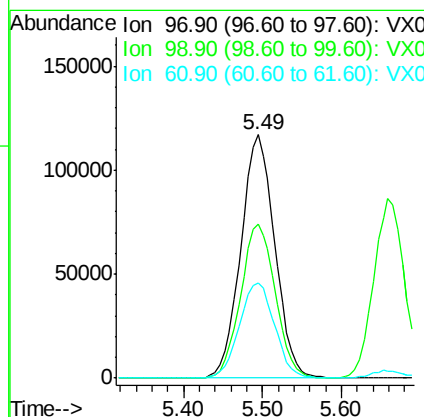
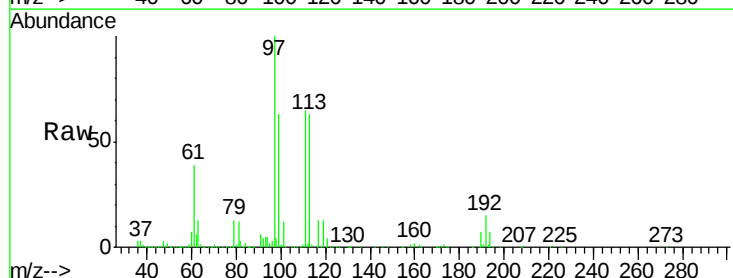
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

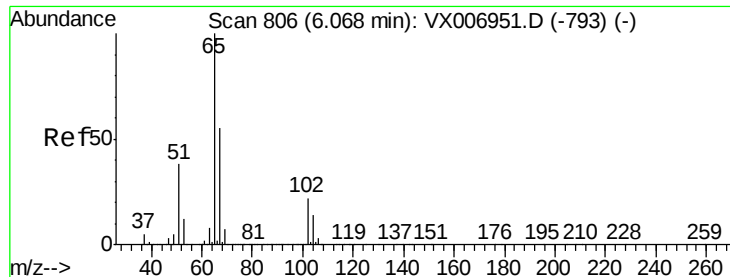
Tot Ion	Ratio	Lower	Upper
56	100		
69	31.6	24.4	36.6
84	90.5	70.0	105.0



#32
1,1,1-Trichloroethane
Concen: 49.413 ug/l
RT: 5.49 min Scan# 712
Delta R.T. -0.01 min
Lab File: VX007195.D
Acq: 24 Jan 2019 10:36

Tgt Ion	Ratio	Lower	Upper
97	100		
99	64.6	51.7	77.5
61	40.7	31.3	46.9





#33

1,2-Dichloroethane-d4

Concen: 48.345 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

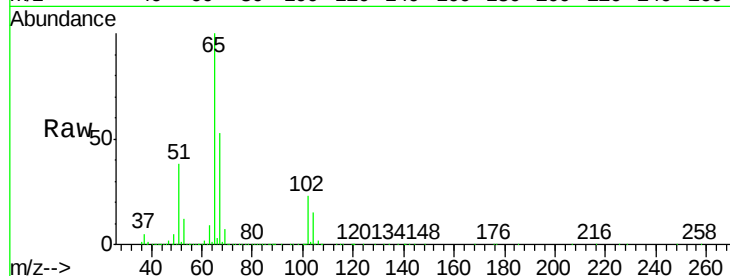
VSTDCCC050

Tot Ion: 65 Resp: 243708

Ion Ratio Lower Upper

65 100

67 53.6 0.0 105.0



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

100000

80000

60000

40000

20000

0

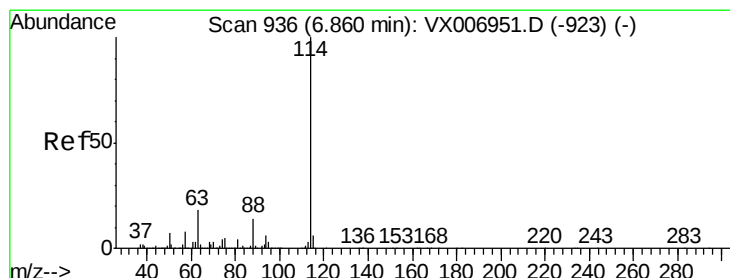
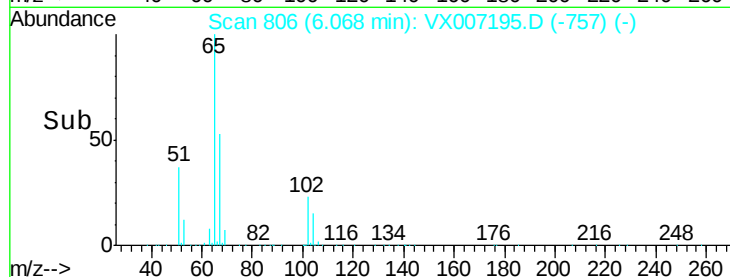
Time-->

5.90

6.00

6.10

6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

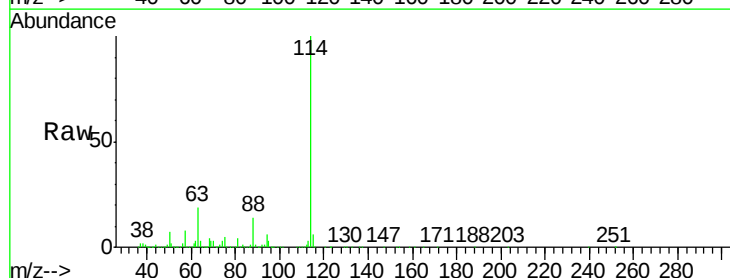
Tgt Ion: 114 Resp: 695660

Ion Ratio Lower Upper

114 100

63 19.0 0.0 34.8

88 14.3 0.0 28.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

400000

300000

200000

100000

0

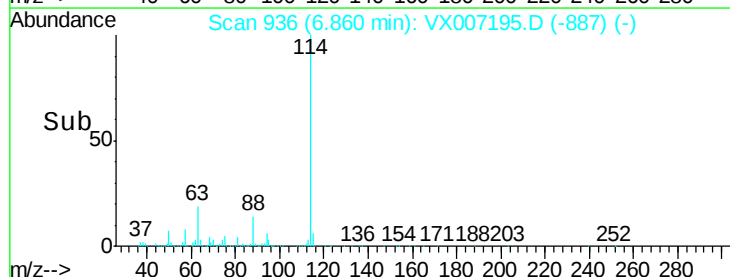
Time-->

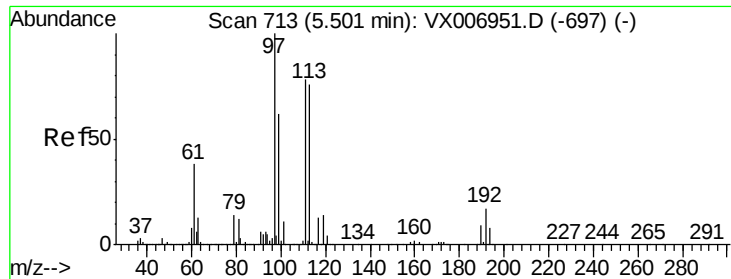
6.70

6.80

6.90

7.00





#35

Dibromofluoromethane

Concen: 50.181 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

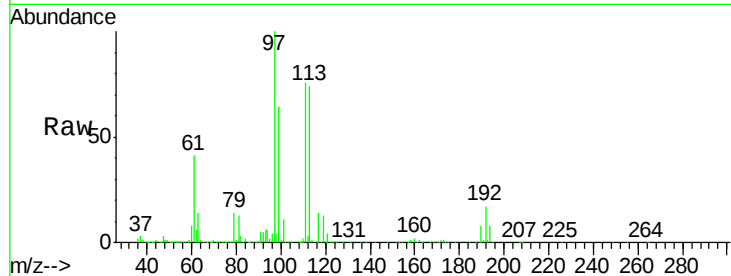
Tot Ion:113 Resp: 223554

Ion Ratio Lower Upper

113 100

111 102.6 81.6 122.4

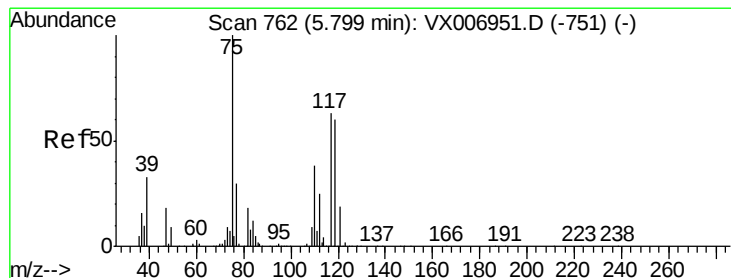
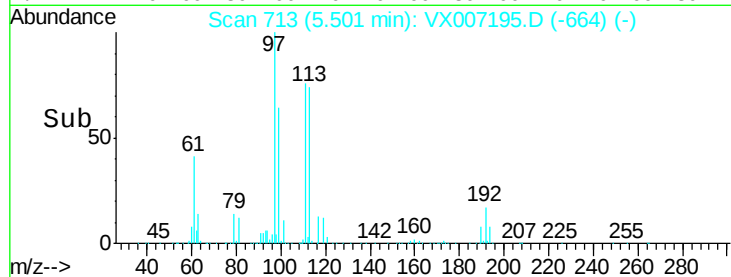
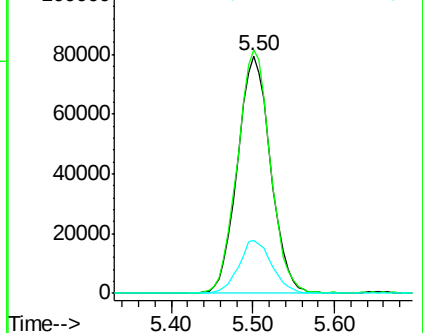
192 22.4 16.7 25.1



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: 47.526 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

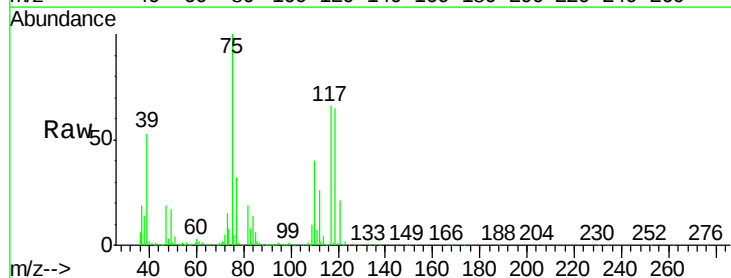
Tgt Ion: 75 Resp: 287445

Ion Ratio Lower Upper

75 100

110 39.9 20.2 60.5

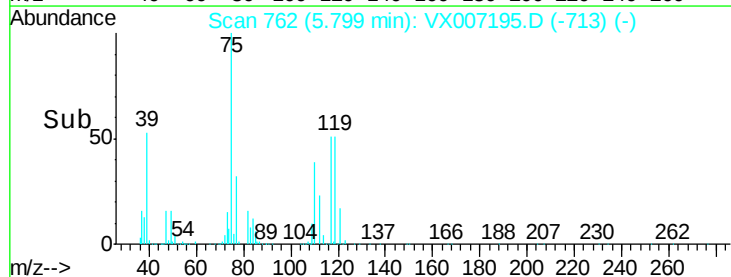
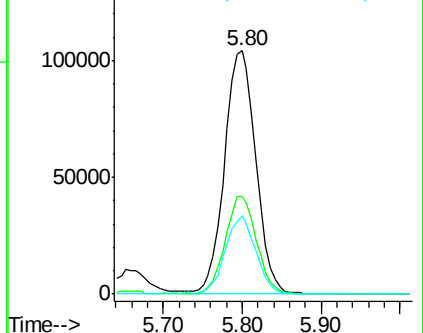
77 30.4 24.8 37.2

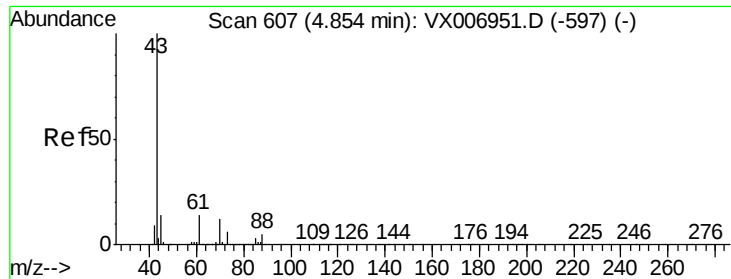


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

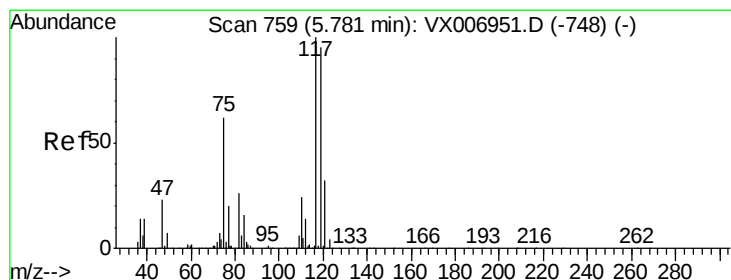
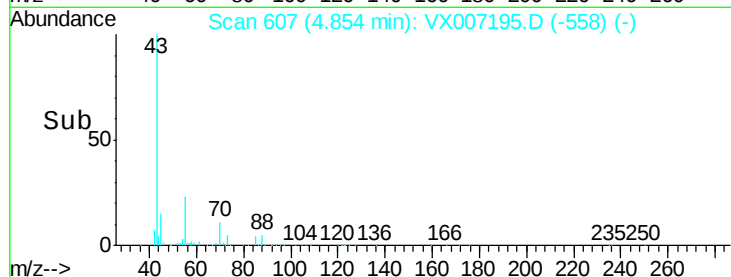
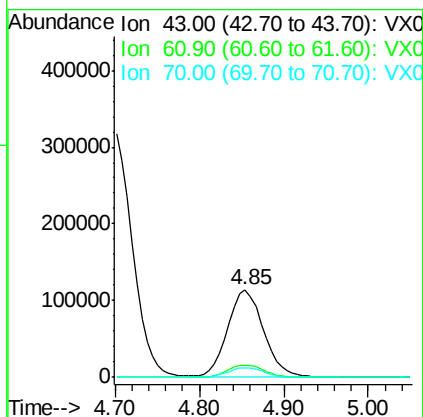
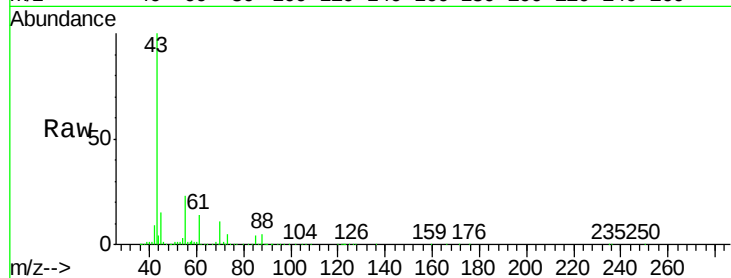




#37
Ethyl Acetate
Concen: 50.627 ug/l
RT: 4.85 min Scan# 607
Delta R.T. -0.00 min
Lab File: VX007195.D
Acq: 24 Jan 2019 10:36

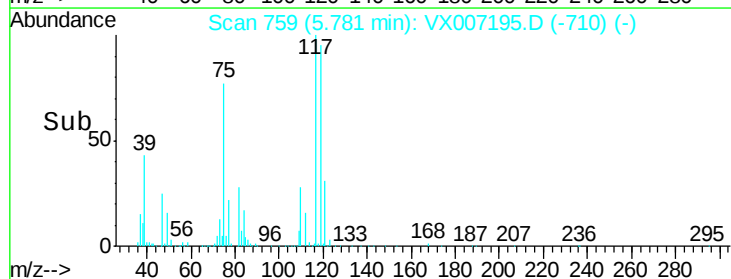
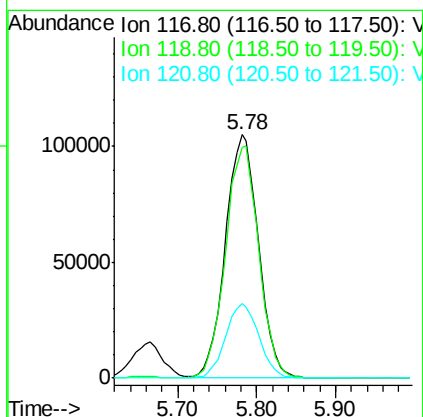
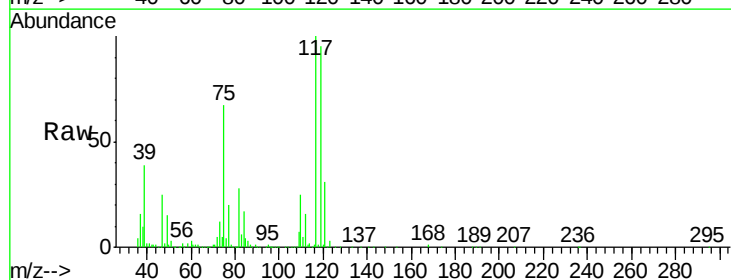
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

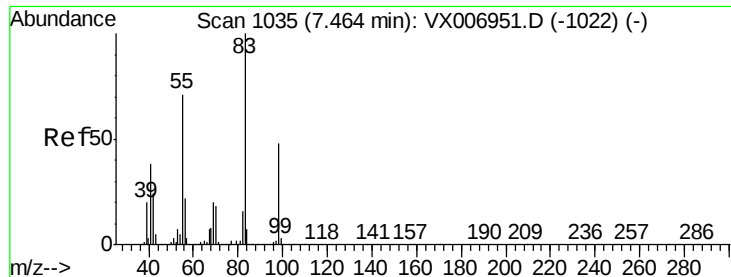
Tot Ion: 43 Resp: 328276
Ion Ratio Lower Upper
43 100
61 14.3 11.9 17.9
70 11.3 9.7 14.5



#38
Carbon Tetrachloride
Concen: 50.404 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX007195.D
Acq: 24 Jan 2019 10:36

Tgt Ion: 117 Resp: 306716
Ion Ratio Lower Upper
117 100
119 94.8 79.4 119.2
121 30.8 24.0 36.0

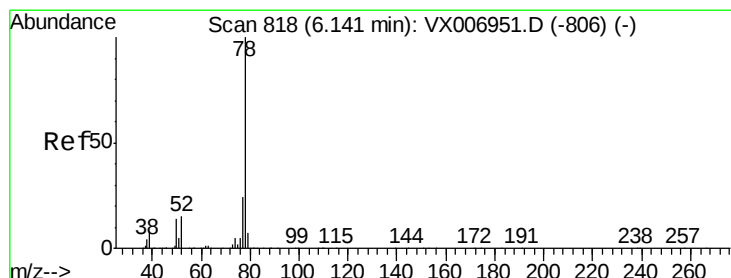
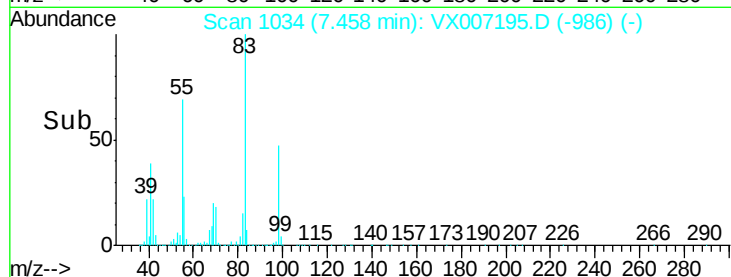
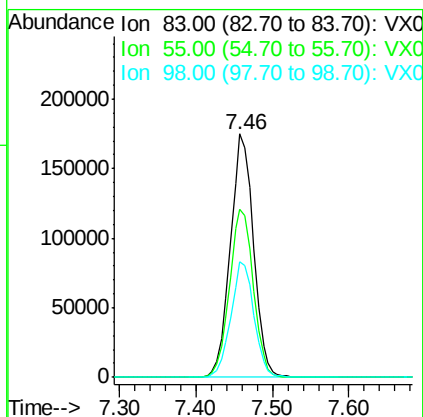
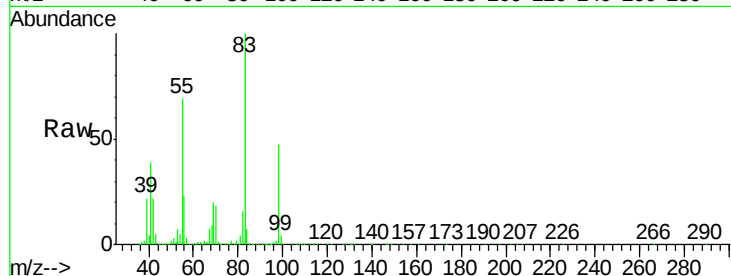




#39
Methvlcvclohexane
Concen: 47.540 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX007195.D
Acq: 24 Jan 2019 10:36

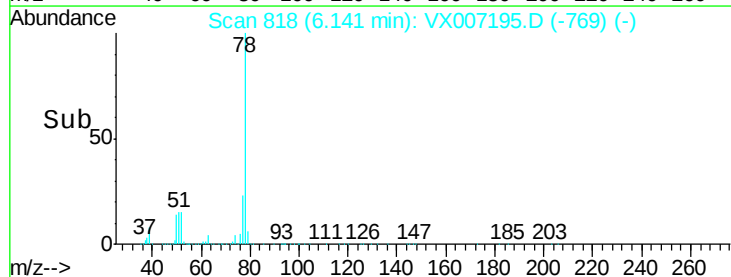
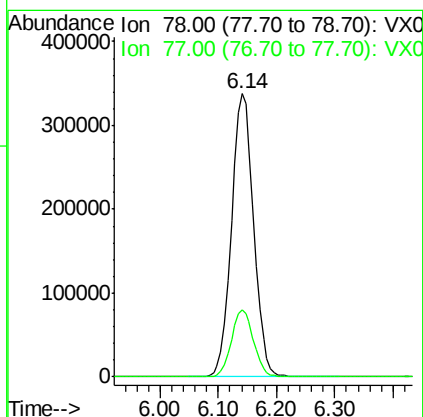
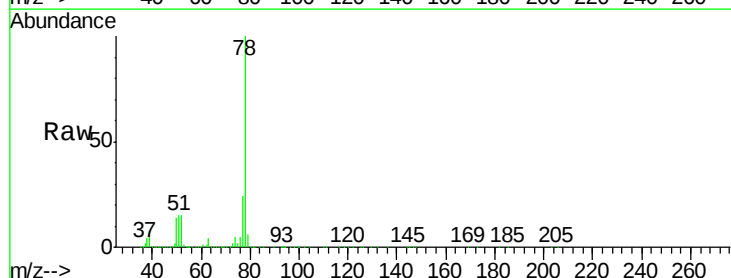
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

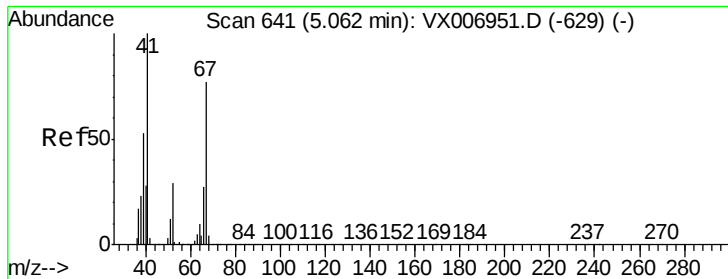
Tot Ion: 83 Resp: 366556
Ion Ratio Lower Upper
83 100
55 68.7 54.9 82.3
98 47.3 37.9 56.9



#40
Benzene
Concen: 48.270 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX007195.D
Acq: 24 Jan 2019 10:36

Tgt Ion: 78 Resp: 890806
Ion Ratio Lower Upper
78 100
77 23.7 19.2 28.8





#41

Methacrylonitrile

Concen: 49.026 ug/l

RT: 5.06 min Scan# 641

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 41 Resp: 183131

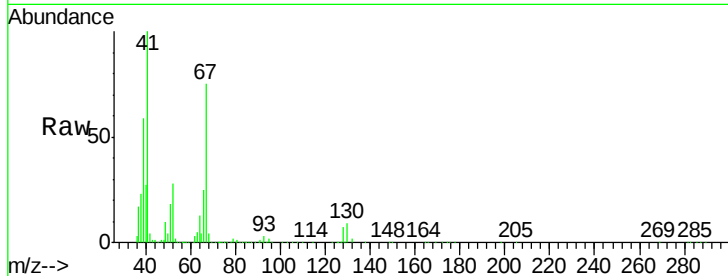
Ion Ratio Lower Upper

41 100

39 55.7 42.8 64.2

67 76.0 62.1 93.1

52 29.9 23.4 35.0

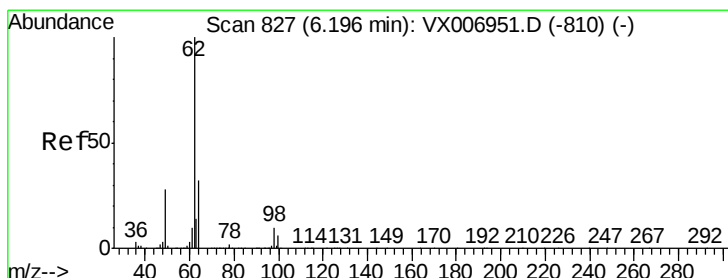
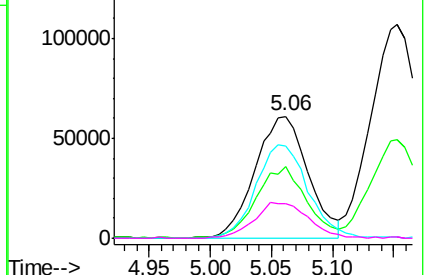
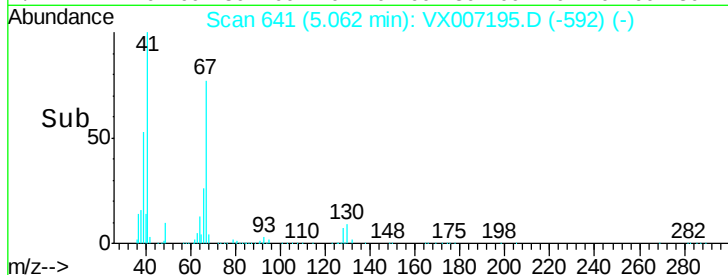


Abundance Ion 41.00 (40.70 to 41.70): VX0

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: 48.020 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX007195.D

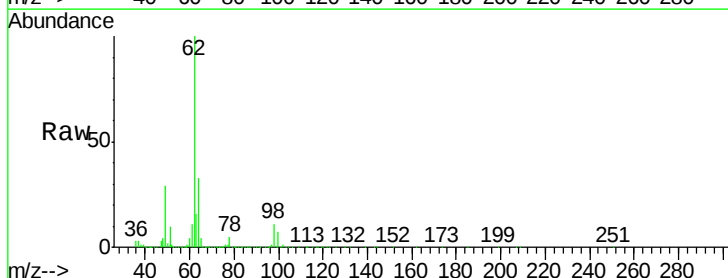
Acq: 24 Jan 2019 10:36

Tgt Ion: 62 Resp: 306238

Ion Ratio Lower Upper

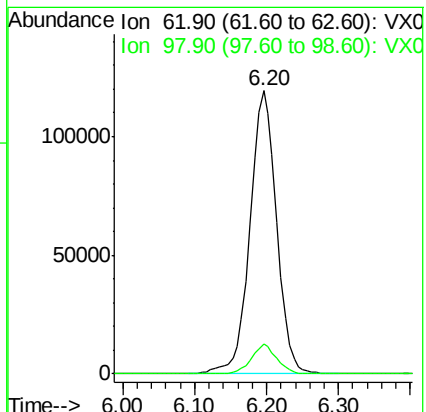
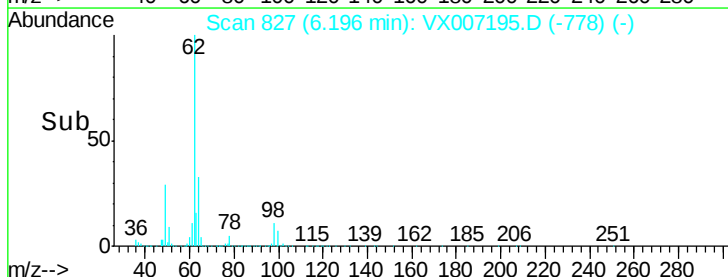
62 100

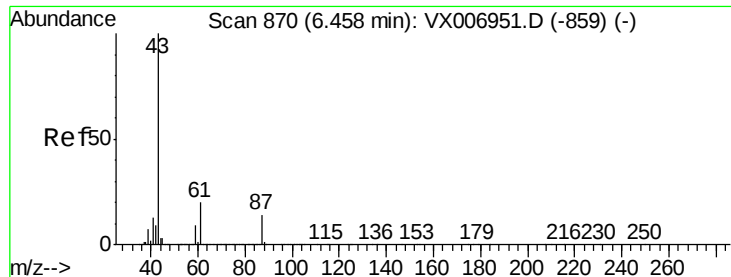
98 10.1 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 51.309 ug/l

RT: 6.46 min Scan# 870

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

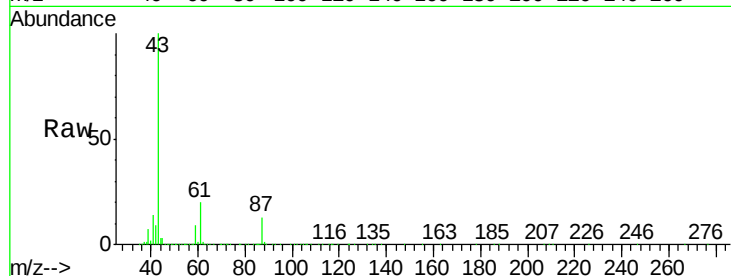
MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 43 Resp: 524785

Ion	Ratio	Lower	Upper
43	100		
61	20.1	16.8	25.2
87	14.0	12.4	18.6



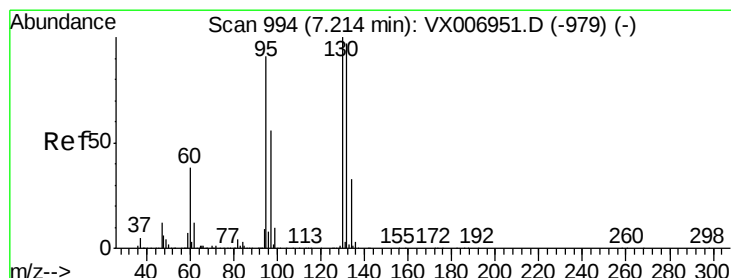
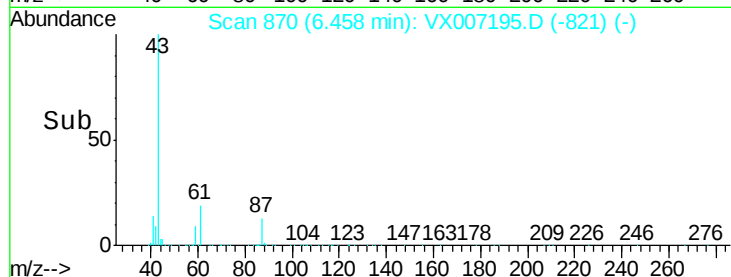
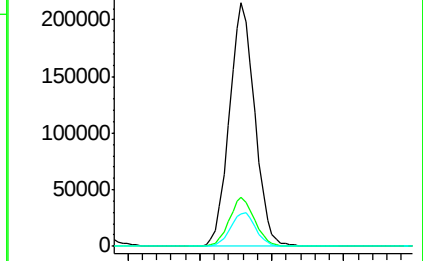
Abundance

Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

6.46



#44

Trichloroethene

Concen: 47.296 ug/l

RT: 7.21 min Scan# 994

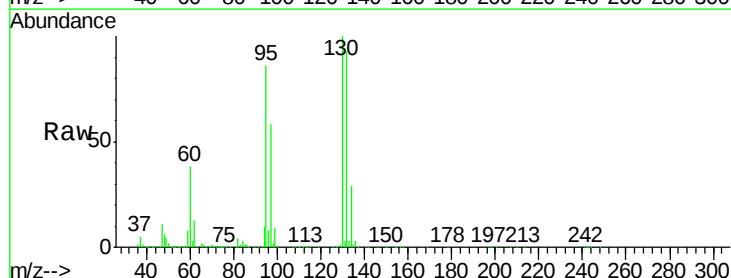
Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Tgt Ion: 130 Resp: 261558

Ion	Ratio	Lower	Upper
130	100		
95	86.0	0.0	187.0

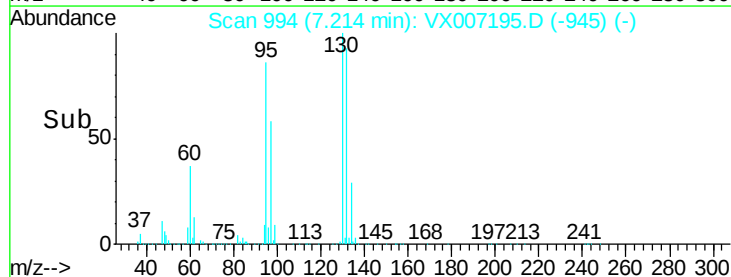
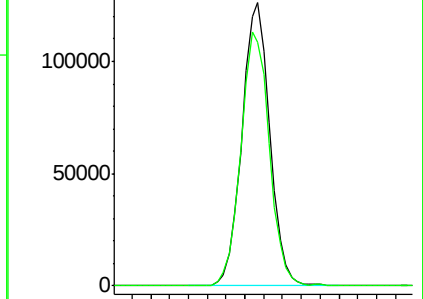


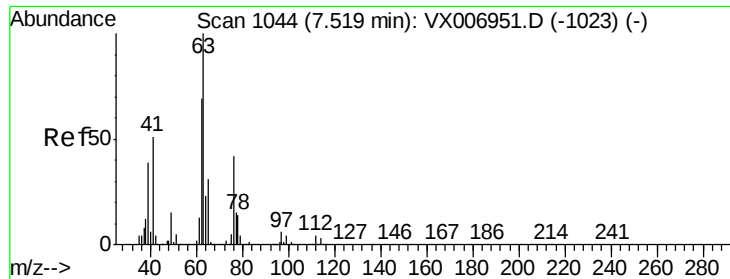
Abundance

Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

7.21





#45

1,2-Dichloropropane

Concen: 49.173 ug/l

RT: 7.51 min Scan# 1043

Delta R.T. -0.01 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

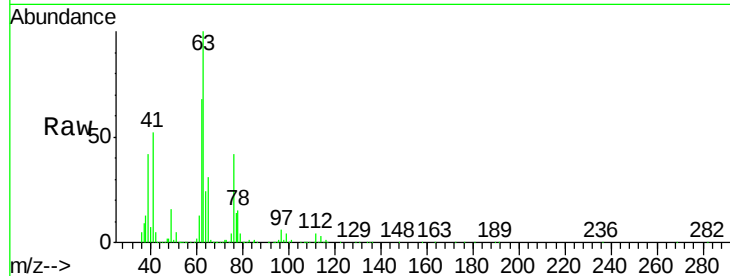
VSTDCCC050

Tot Ion: 63 Resp: 228144

Ion Ratio Lower Upper

63 100

65 31.3 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

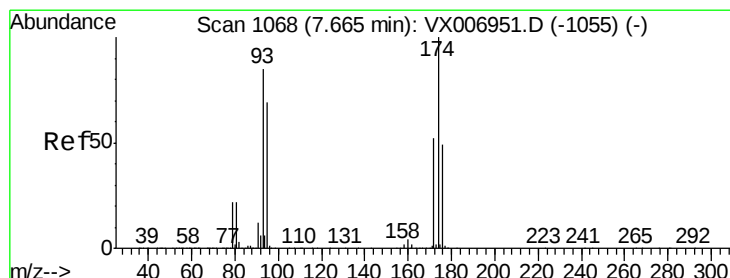
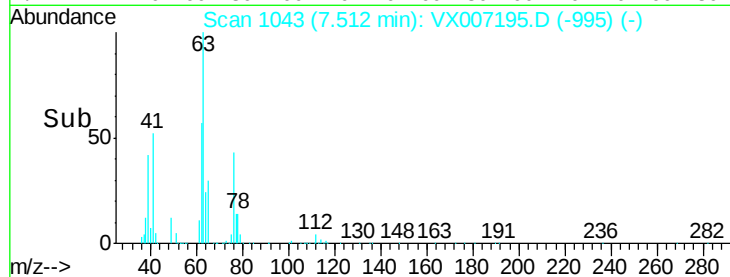
60000

40000

20000

0

Time--> 7.40 7.50 7.60



#46

Dibromomethane

Concen: 49.775 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.01 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

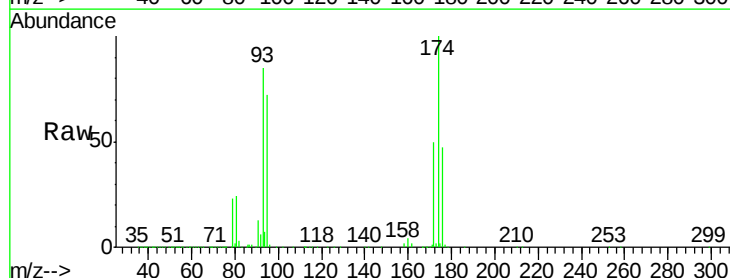
Tgt Ion: 93 Resp: 162303

Ion Ratio Lower Upper

93 100

95 84.2 66.2 99.4

174 117.9 91.0 136.4



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

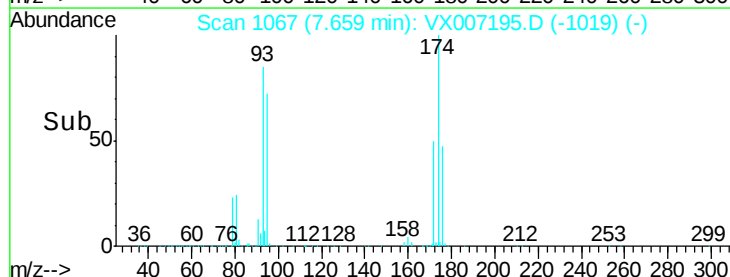
Ion 173.70 (173.40 to 174.40): V

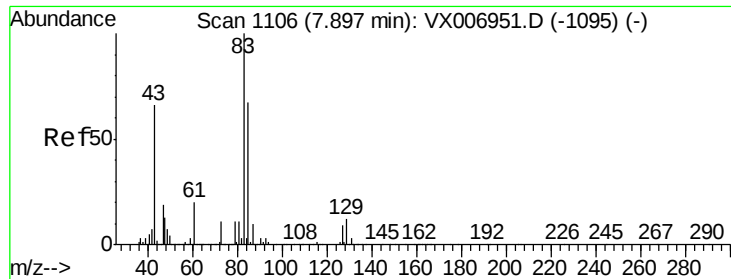
100000

50000

0

Time--> 7.60 7.70 7.80





#47

Bromodichloromethane

Concen: 53.203 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

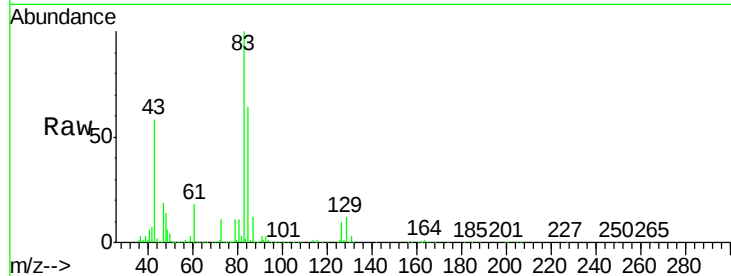
Tot Ion: 83 Resp: 295289

Ion Ratio Lower Upper

83 100

85 63.7 53.2 79.8

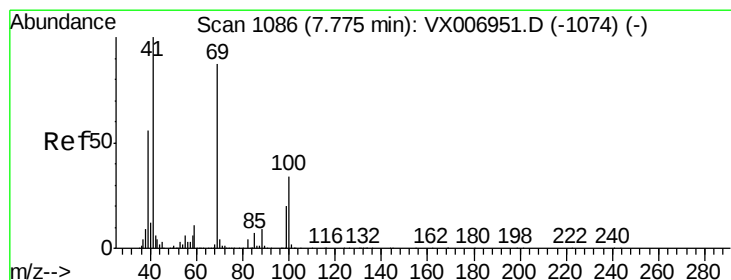
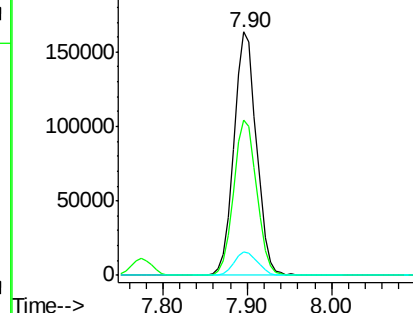
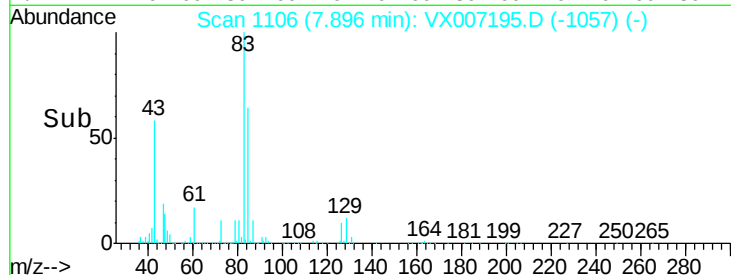
127 9.9 7.8 11.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 51.144 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

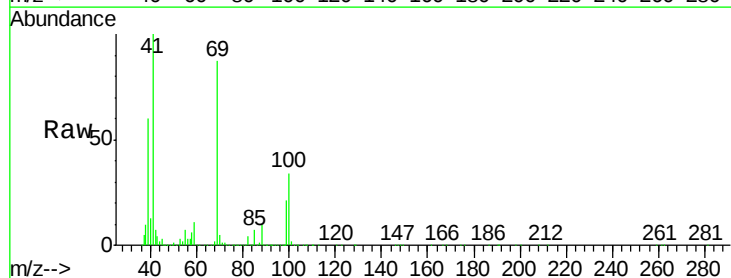
Tgt Ion: 41 Resp: 268632

Ion Ratio Lower Upper

41 100

69 87.8 72.4 108.6

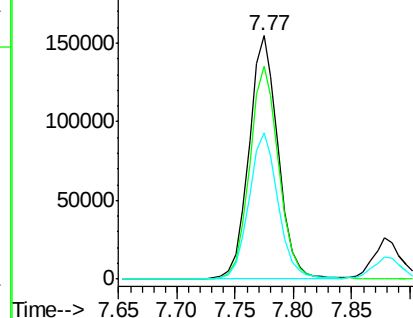
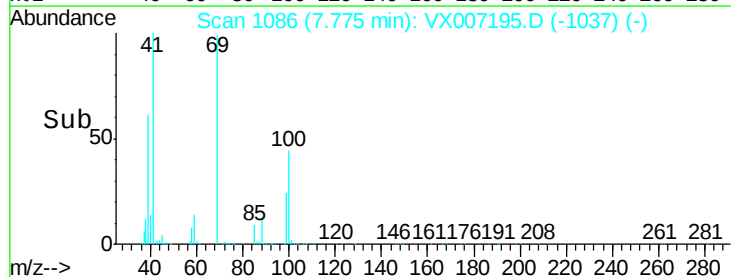
39 60.3 45.8 68.8

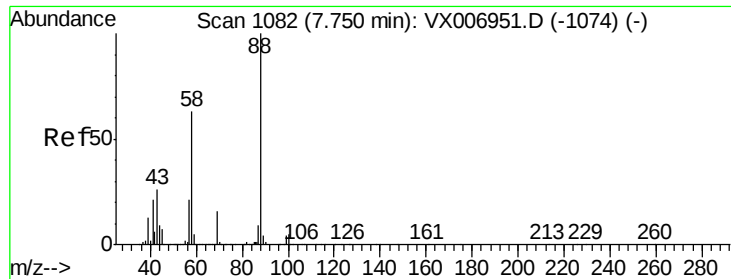


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#49

1,4-Dioxane

Concen: 1031.804 ug/l

RT: 7.75 min Scan# 1082

Delta R.T. 0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

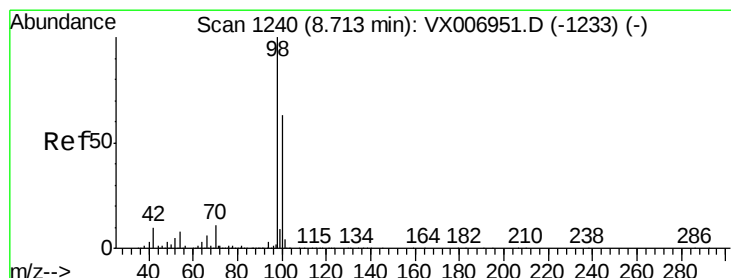
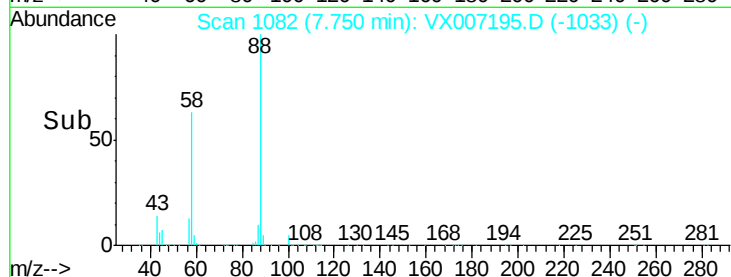
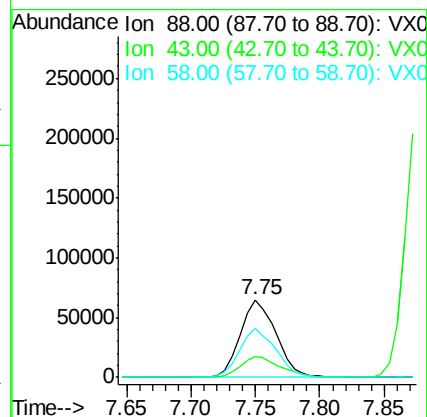
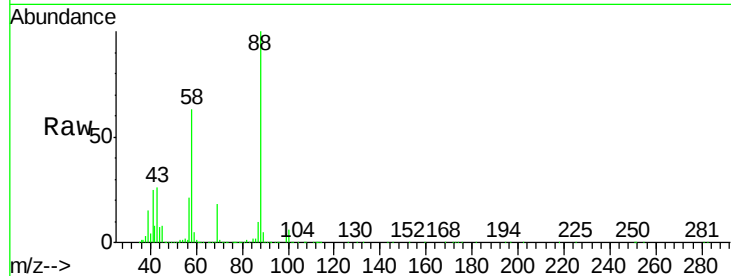
Tot Ion: 88 Resp: 123732

Ion Ratio Lower Upper

88 100

43 30.2 22.2 33.4

58 64.5 51.0 76.4



#50

Toluene-d8

Concen: 50.671 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007195.D

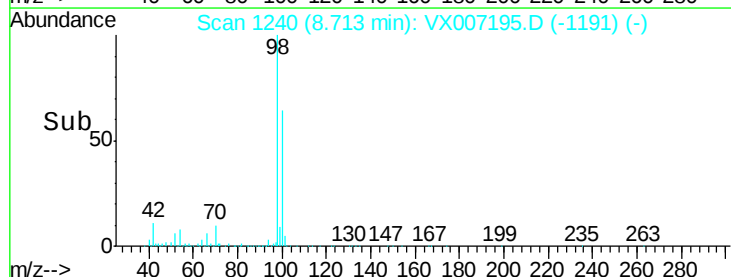
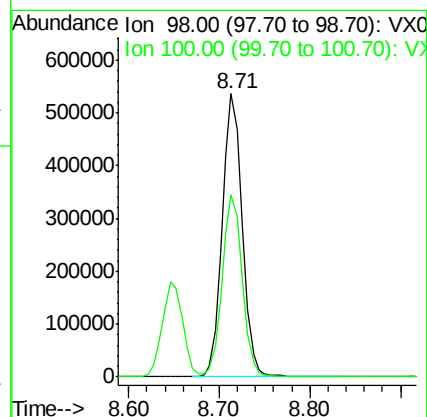
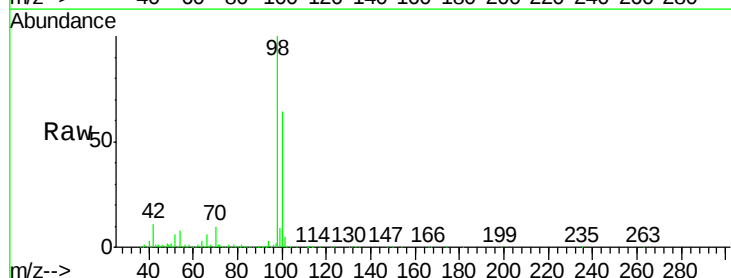
Acq: 24 Jan 2019 10:36

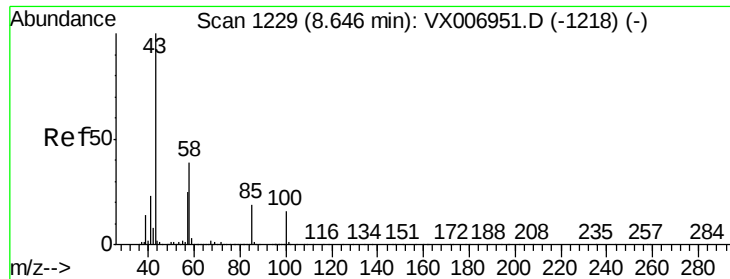
Tgt Ion: 98 Resp: 826273

Ion Ratio Lower Upper

98 100

100 64.0 52.0 78.0





#51

4-Methyl-2-Pentanone

Concen: 266.557 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

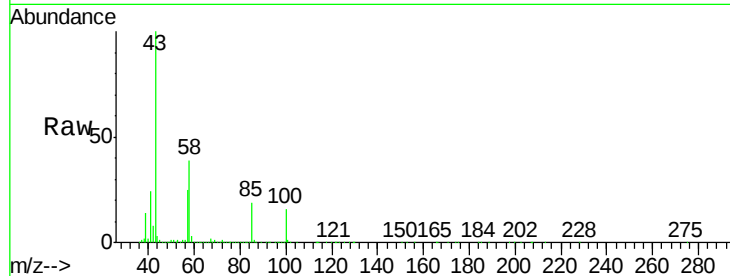
VSTDCCC050

Tot Ion: 43 Resp: 1752105

Ion Ratio Lower Upper

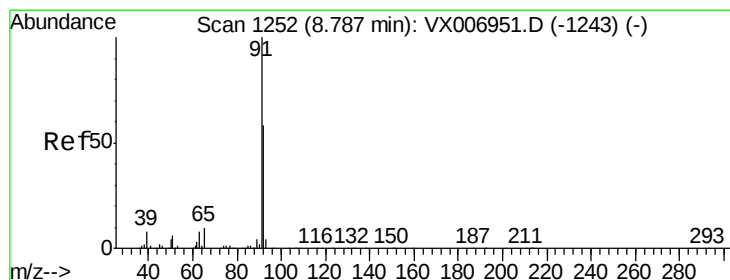
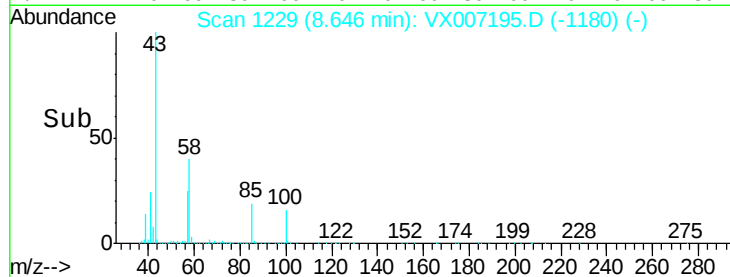
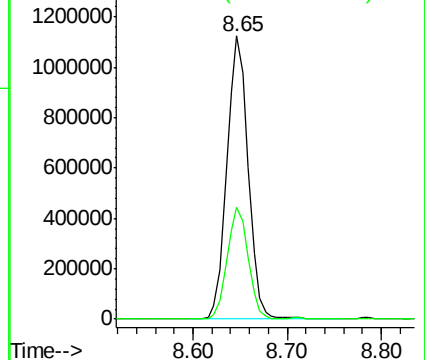
43 100

58 39.1 31.8 47.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 49.599 ug/l

RT: 8.78 min Scan# 1251

Delta R.T. -0.01 min

Lab File: VX007195.D

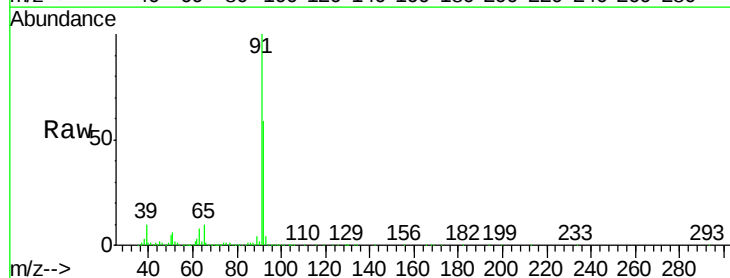
Acq: 24 Jan 2019 10:36

Tgt Ion: 92 Resp: 588321

Ion Ratio Lower Upper

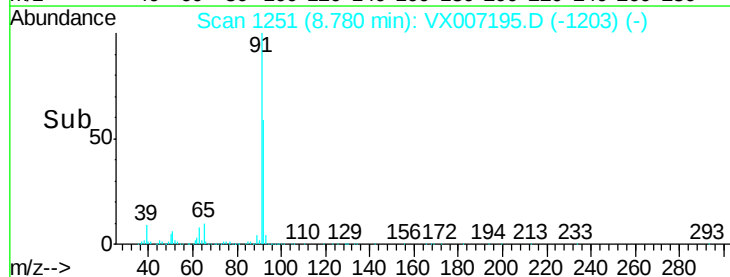
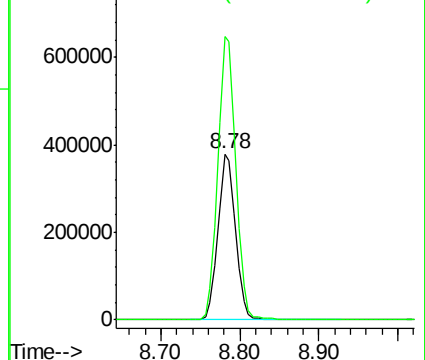
92 100

91 175.0 137.6 206.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 53.455 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

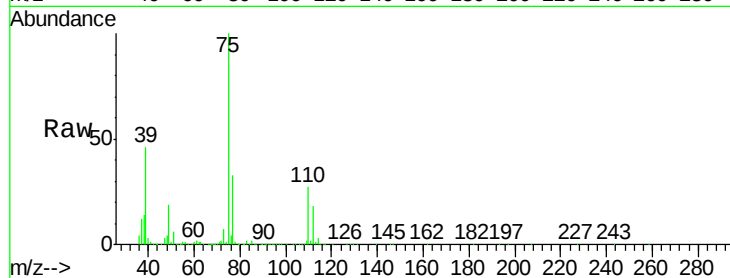
VSTDCCC050

Tot Ion: 75 Resp: 328987

Ion Ratio Lower Upper

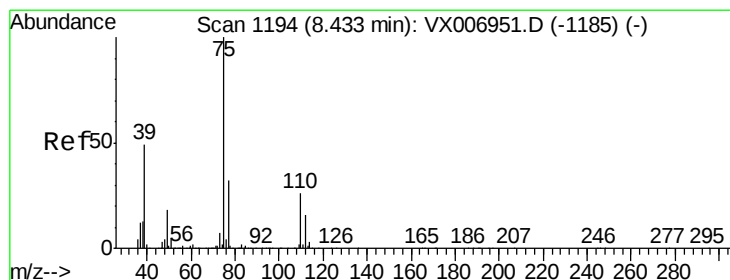
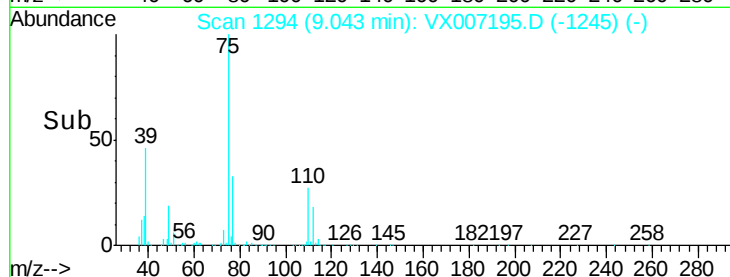
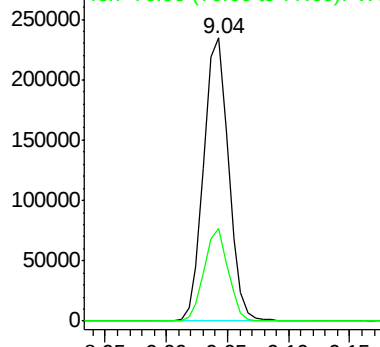
75 100

77 32.6 25.4 38.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 53.114 ug/l

RT: 8.43 min Scan# 1194

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

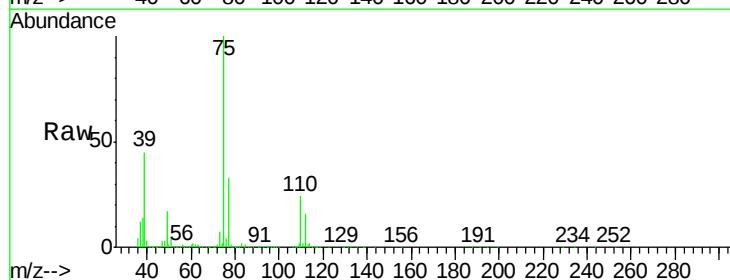
Tgt Ion: 75 Resp: 360998

Ion Ratio Lower Upper

75 100

77 32.4 26.2 39.2

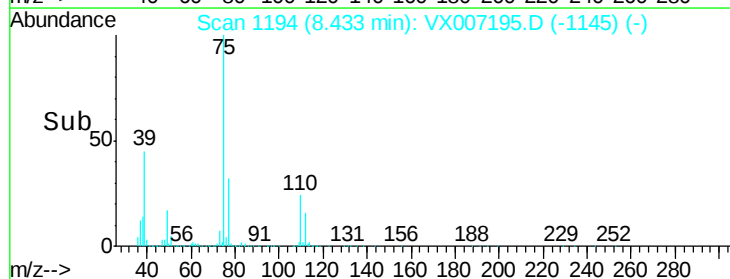
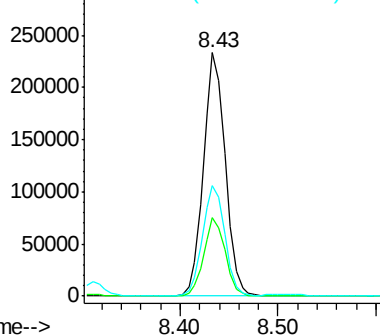
39 45.2 36.7 55.1



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 53.533 ug/l

RT: 9.21 min Scan# 1322

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tot Ion: 97 Resp: 254160

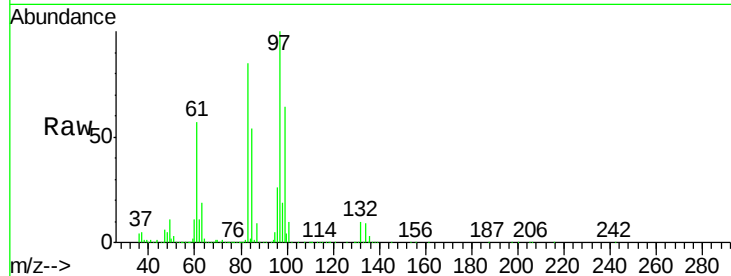
Ion	Ratio	Lower	Upper
97	100		
83	84.5	66.6	99.8
85	54.4	42.7	64.1
99	63.5	50.8	76.2

97 100

83 84.5 66.6 99.8

85 54.4 42.7 64.1

99 63.5 50.8 76.2

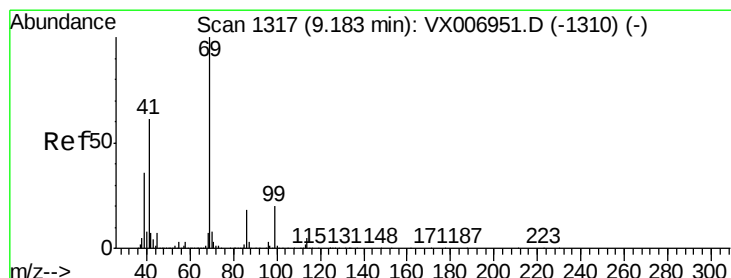
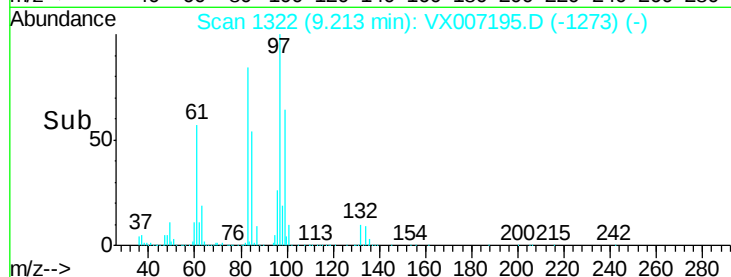
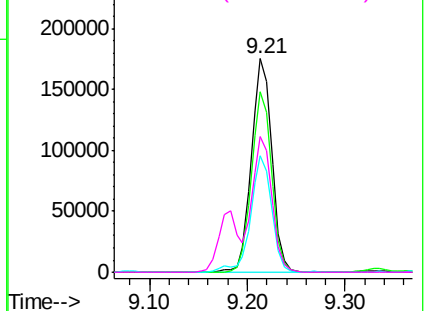


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 52.375 ug/l

RT: 9.18 min Scan# 1316

Delta R.T. -0.01 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

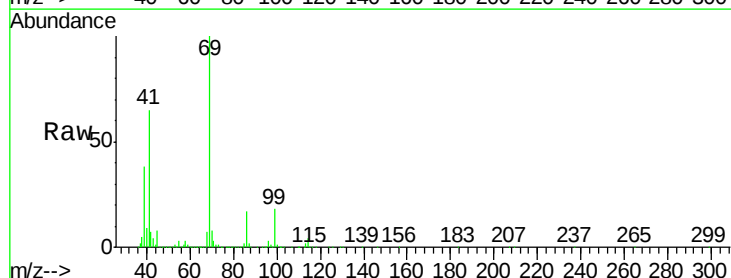
Tgt Ion: 69 Resp: 363019

Ion	Ratio	Lower	Upper
69	100		
41	63.5	48.7	73.1
39	37.0	27.0	40.6

69 100

41 63.5 48.7 73.1

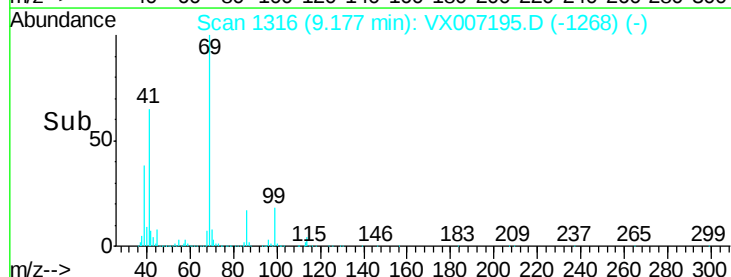
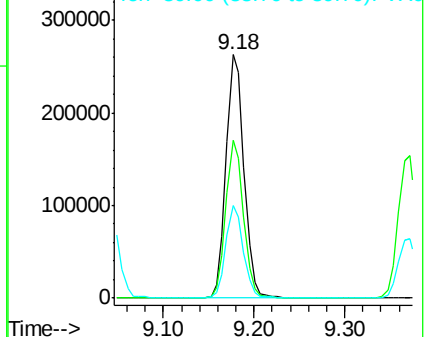
39 37.0 27.0 40.6

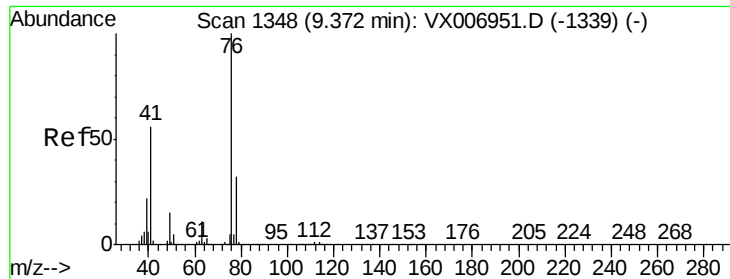


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.951 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

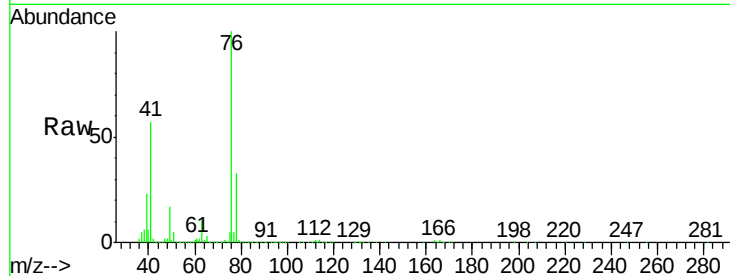
VSTDCCC050

Tot Ion: 76 Resp: 396305

Ion Ratio Lower Upper

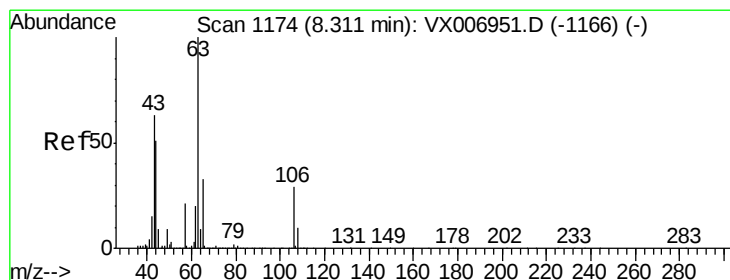
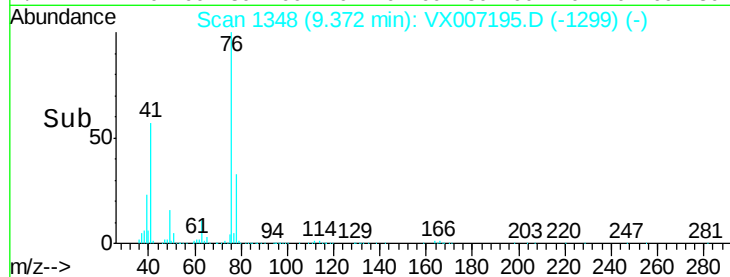
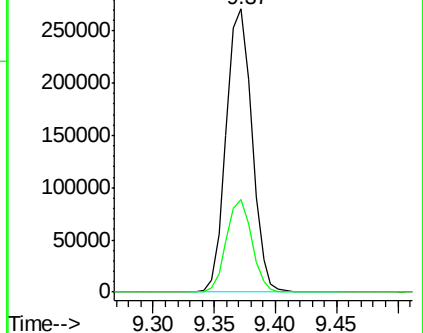
76 100

78 32.4 26.0 39.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 264.492 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. -0.00 min

Lab File: VX007195.D

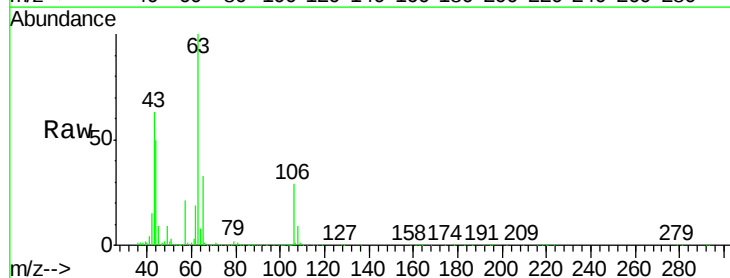
Acq: 24 Jan 2019 10:36

Tgt Ion: 63 Resp: 942561

Ion Ratio Lower Upper

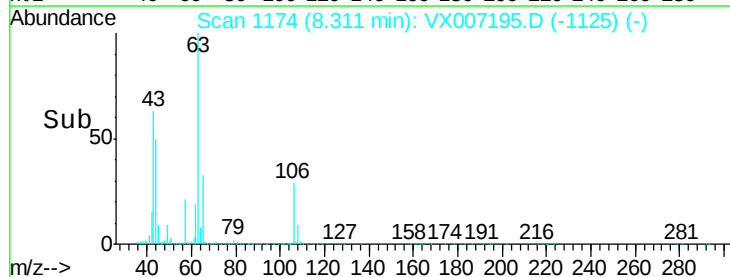
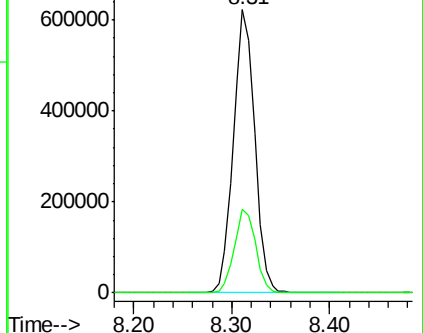
63 100

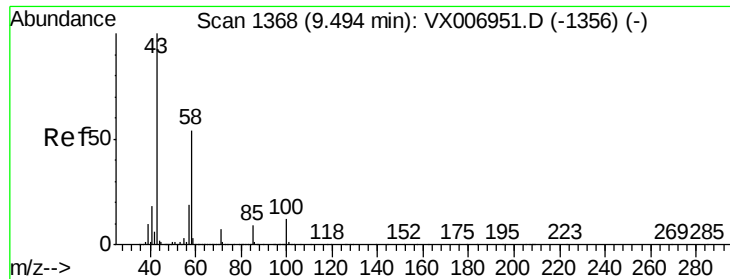
106 29.9 24.6 36.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

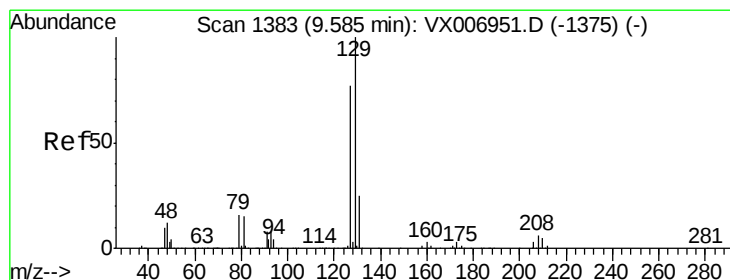
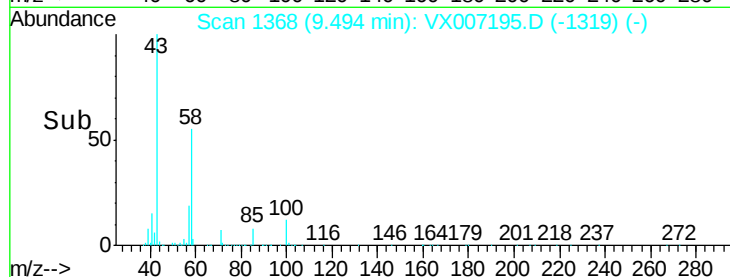
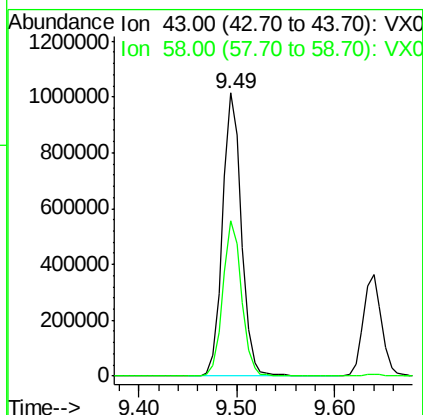
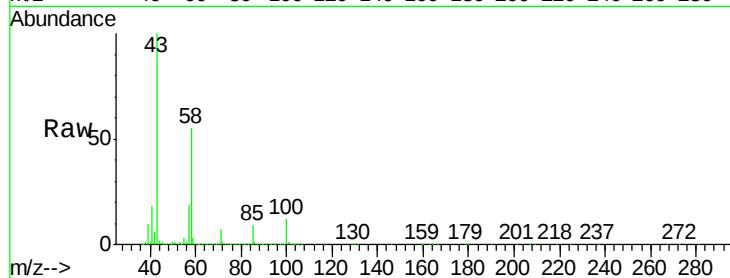




#59
2-Hexanone
Concen: 270.709 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.00 min
Lab File: VX007195.D
Acq: 24 Jan 2019 10:36

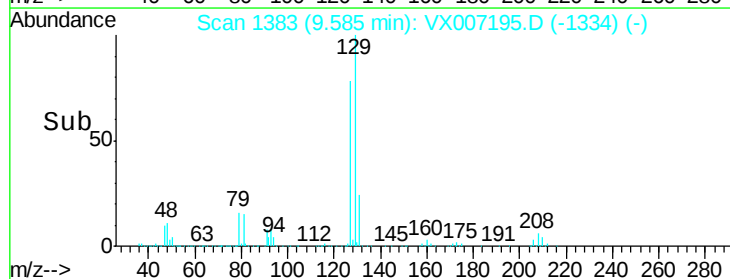
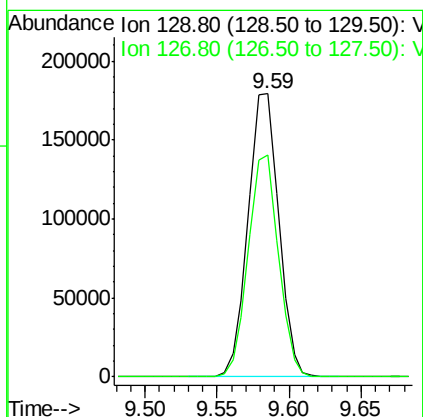
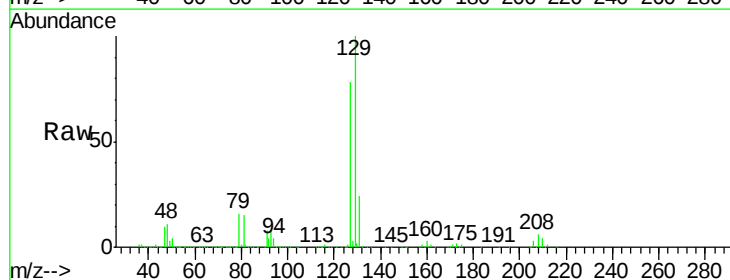
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

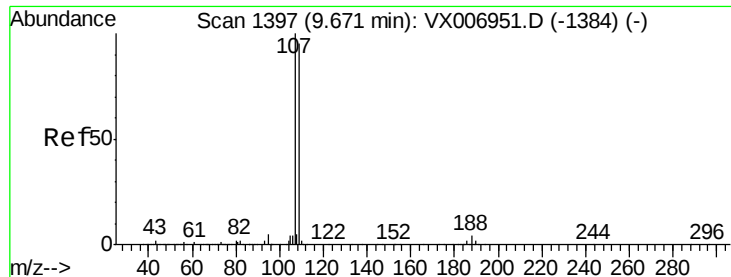
Tot Ion: 43 Resp: 1356001
Ion Ratio Lower Upper
43 100
58 54.3 27.7 83.1



#60
Dibromochloromethane
Concen: 57.394 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX007195.D
Acq: 24 Jan 2019 10:36

Tgt Ion: 129 Resp: 264599
Ion Ratio Lower Upper
129 100
127 77.4 39.3 117.8





#61

1,2-Dibromoethane

Concen: 51.622 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

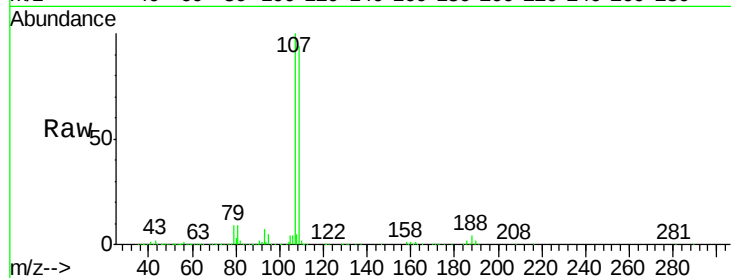
VSTDCCC050

Tot Ion:107 Resp: 269816

Ion Ratio Lower Upper

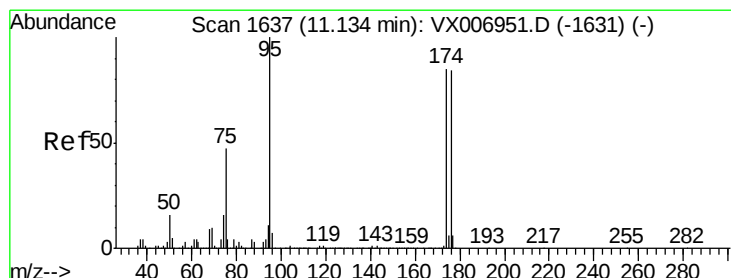
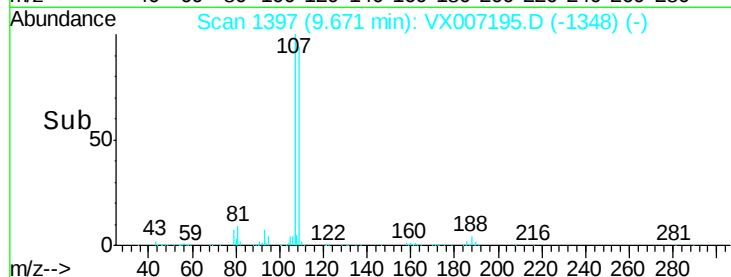
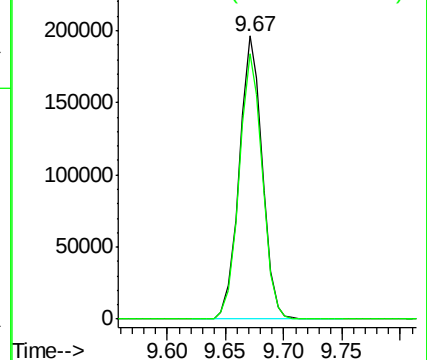
107 100

109 94.8 75.8 113.6



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.042 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

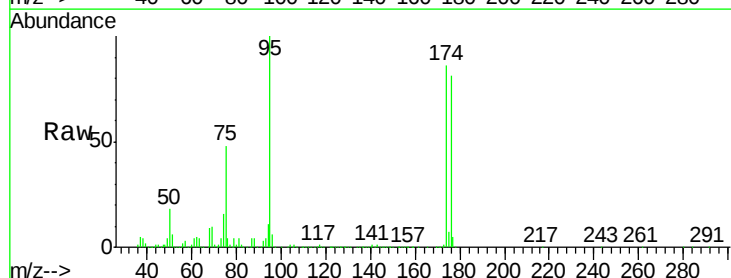
Tgt Ion: 95 Resp: 301538

Ion Ratio Lower Upper

95 100

174 94.1 0.0 182.2

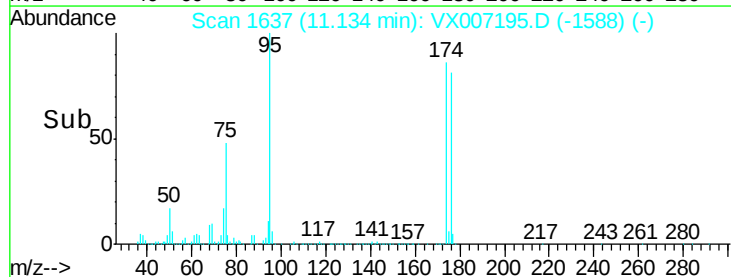
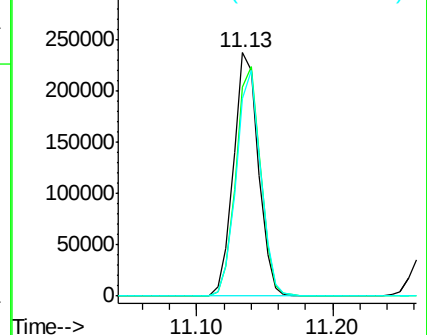
176 91.5 0.0 178.8

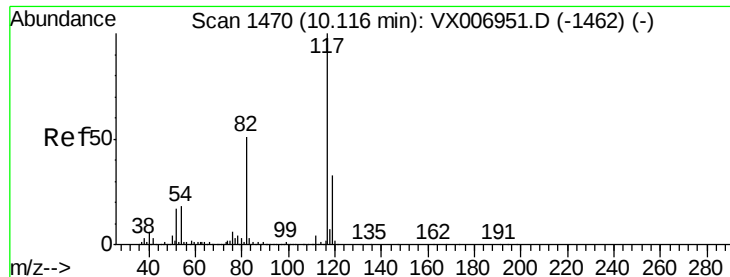


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.01 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

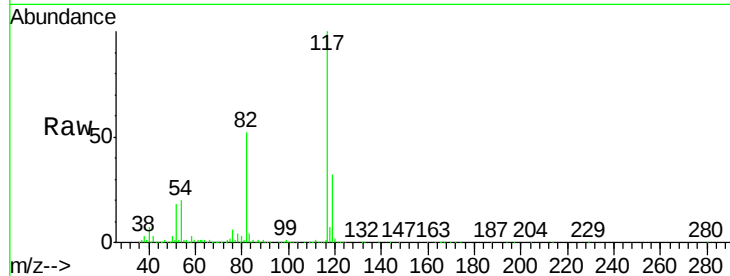
Tot Ion:117 Resp: 642155

Ion Ratio Lower Upper

117 100

82 51.8 41.0 61.6

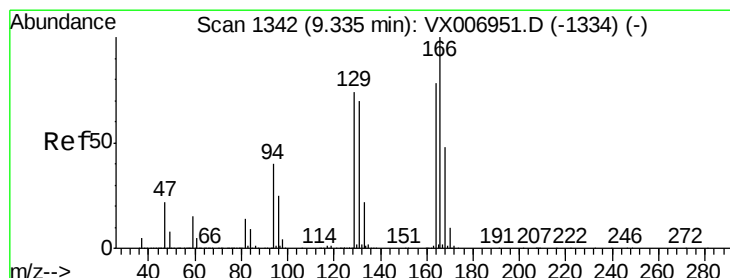
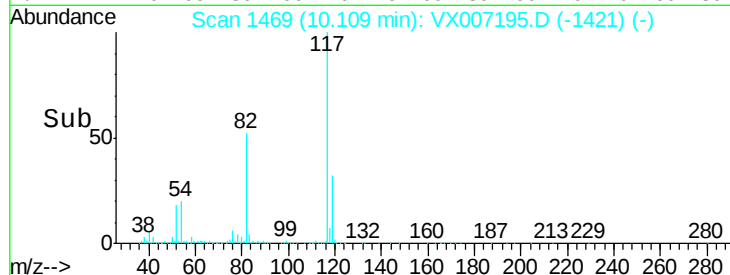
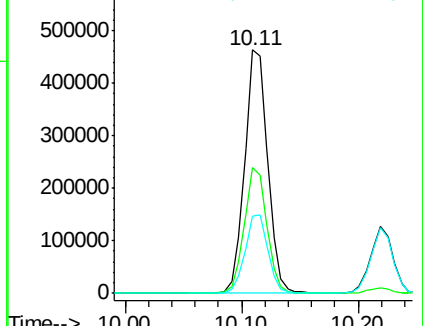
119 31.9 25.4 38.0



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: 49.954 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Tgt Ion:164 Resp: 277725

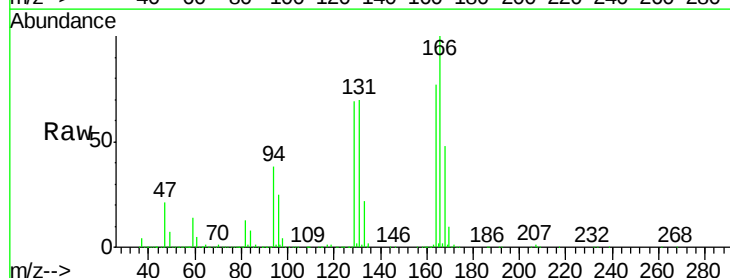
Ion Ratio Lower Upper

164 100

166 129.6 102.5 153.7

129 89.8 75.1 112.7

131 90.0 72.7 109.1

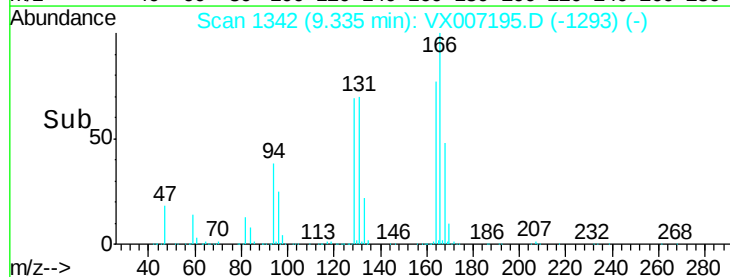
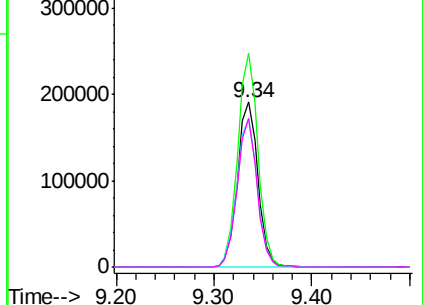


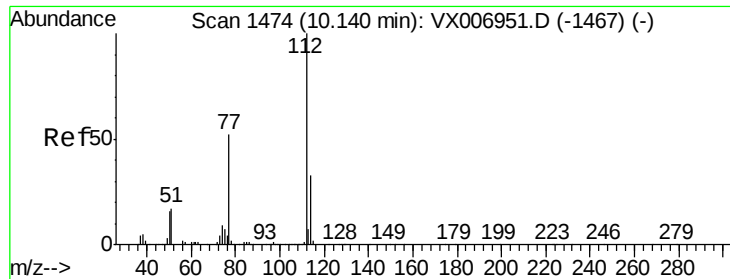
Abundance Ion 163.80 (163.50 to 164.50): V

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

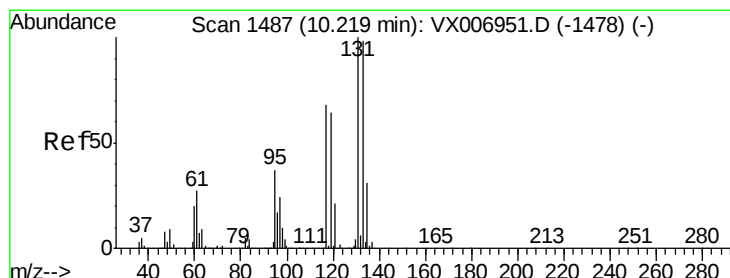
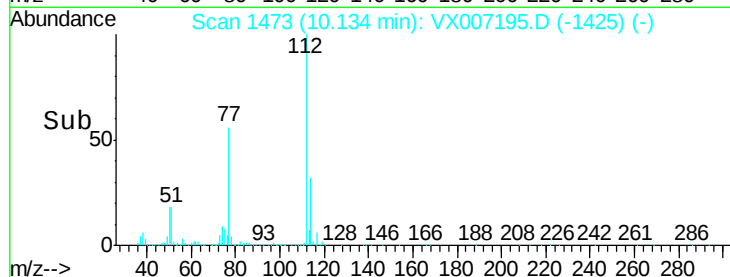
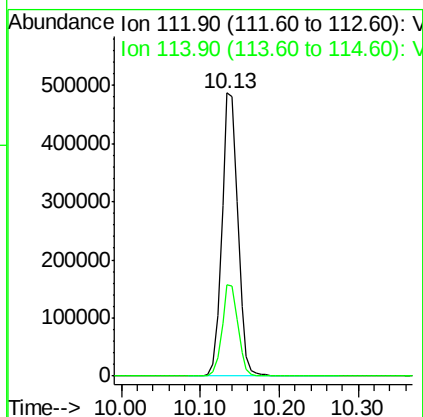
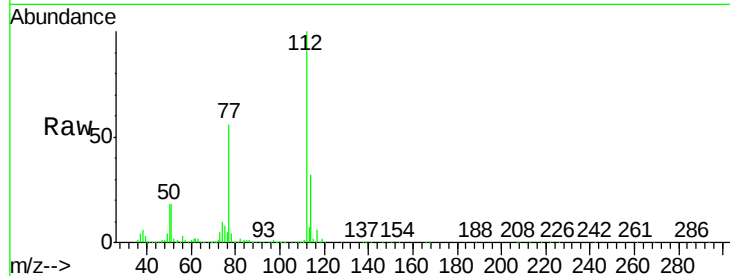




#65
Chlorobenzene
Concen: 49.005 ug/l
RT: 10.13 min Scan# 1473
Delta R.T. -0.01 min
Lab File: VX007195.D
Acq: 24 Jan 2019 10:36

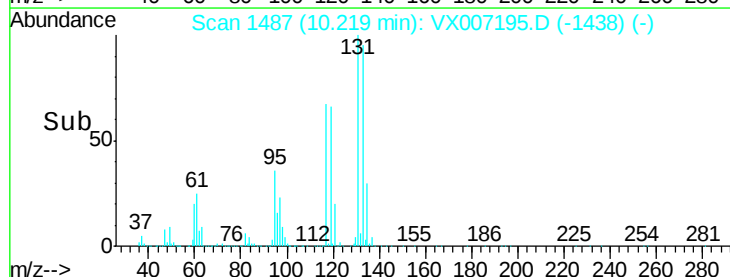
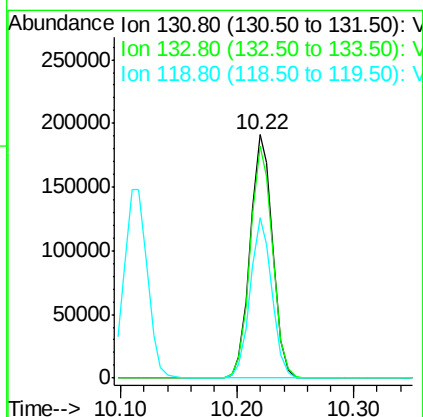
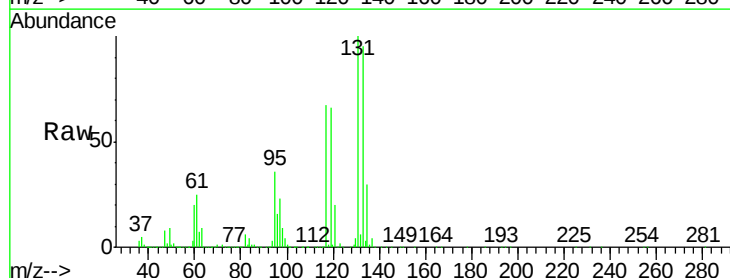
Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

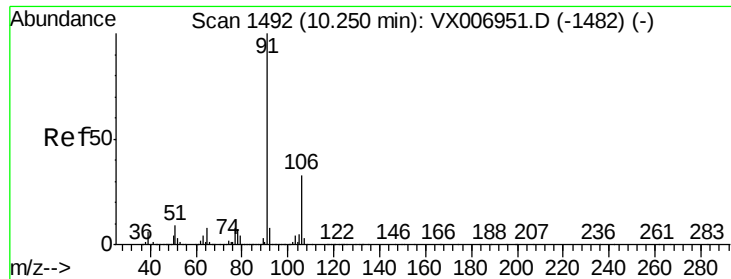
Tot Ion:112 Resp: 686346
Ion Ratio Lower Upper
112 100
114 32.2 25.7 38.5



#66
1,1,1,2-Tetrachloroethane
Concen: 54.355 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX007195.D
Acq: 24 Jan 2019 10:36

Tgt Ion:131 Resp: 256096
Ion Ratio Lower Upper
131 100
133 95.4 48.0 144.2
119 64.0 32.6 97.8





#67

Ethyl Benzene

Concen: 49.299 ug/l

RT: 10.25 min Scan# 1492

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

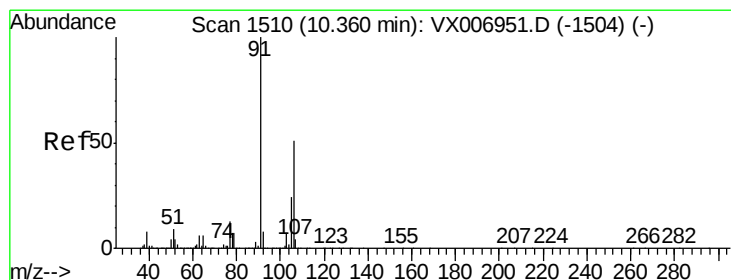
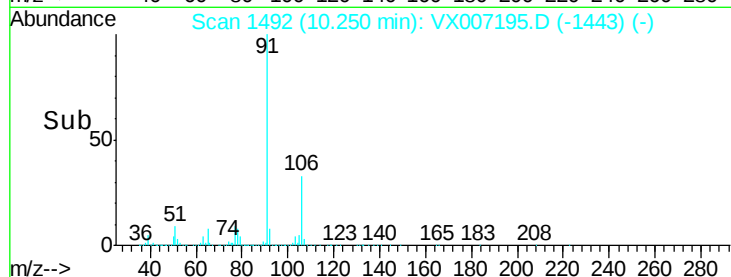
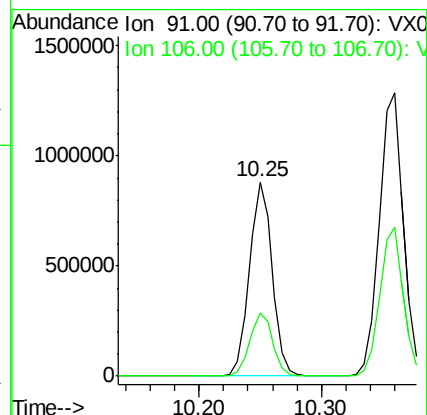
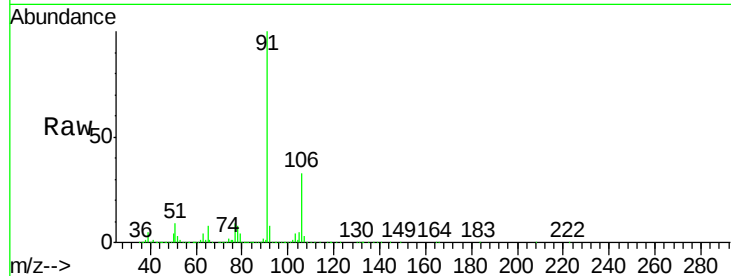
VSTDCCC050

Tot Ion: 91 Resp: 1139888

Ion Ratio Lower Upper

91 100

106 32.6 26.4 39.6



#68

m/p-Xylenes

Concen: 99.761 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX007195.D

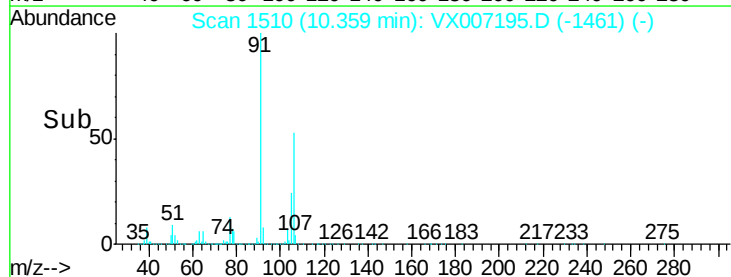
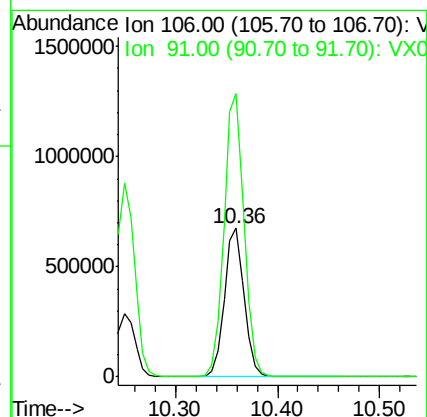
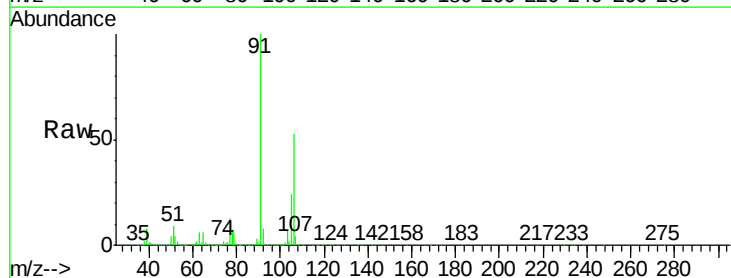
Acq: 24 Jan 2019 10:36

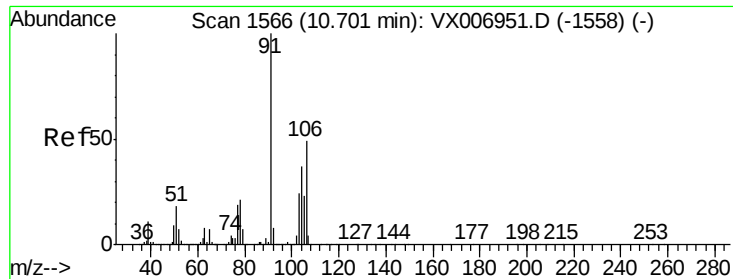
Tgt Ion: 106 Resp: 908785

Ion Ratio Lower Upper

106 100

91 194.3 155.8 233.6

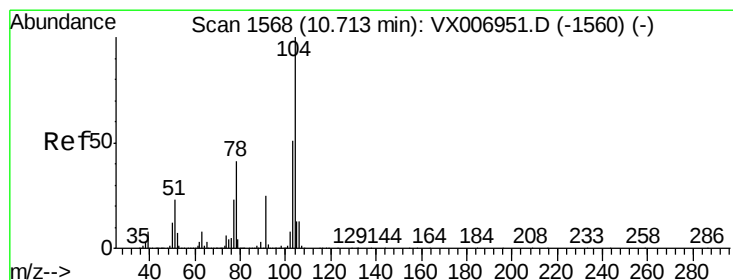
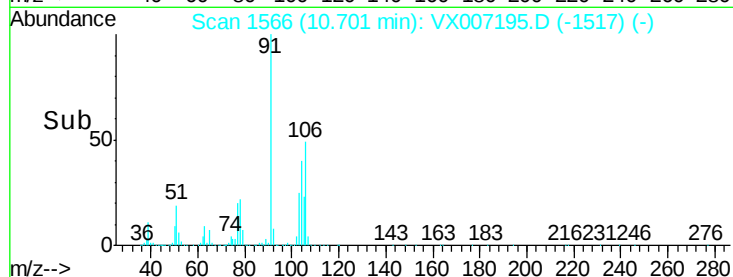
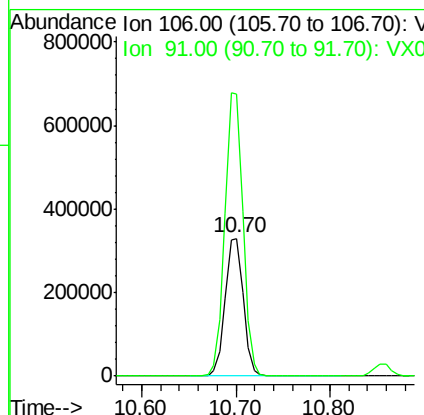
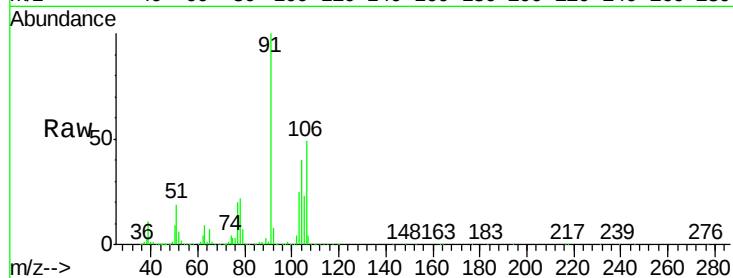




#69
o-Xylene
Concen: 49.704 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX007195.D
Acq: 24 Jan 2019 10:36

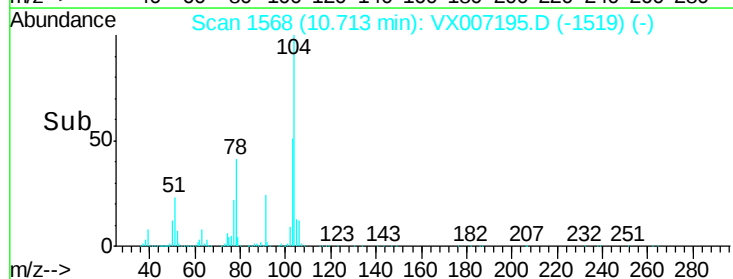
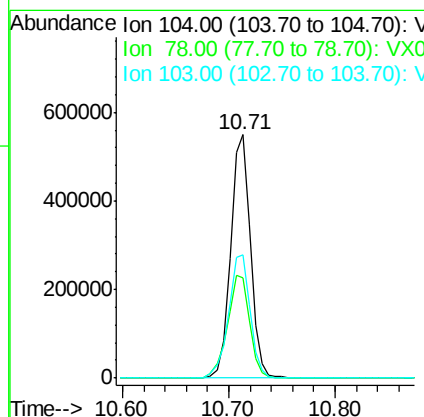
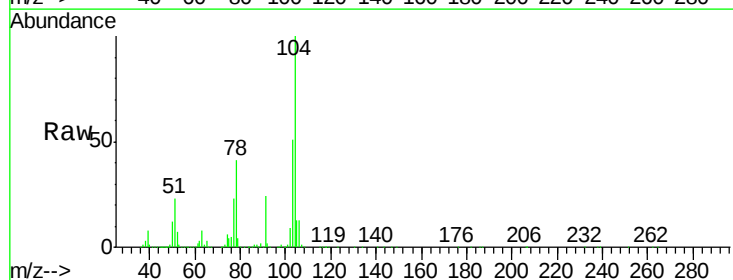
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

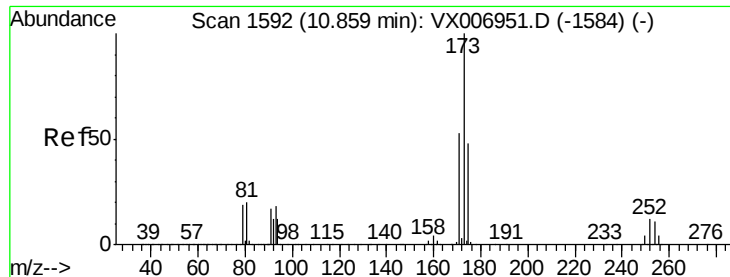
Tot Ion:106 Resp: 441576
Ion Ratio Lower Upper
106 100
91 205.6 101.3 303.7



#70
Styrene
Concen: 50.958 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX007195.D
Acq: 24 Jan 2019 10:36

Tgt Ion:104 Resp: 717006
Ion Ratio Lower Upper
104 100
78 47.2 37.7 56.5
103 55.6 43.8 65.8





#71

Bromoform

Concen: 48.107 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

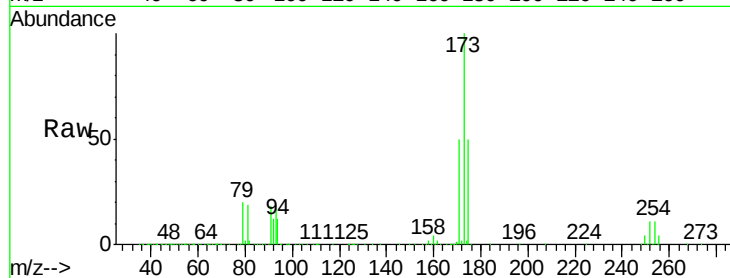
Tot Ion:173 Resp: 201951

Ion Ratio Lower Upper

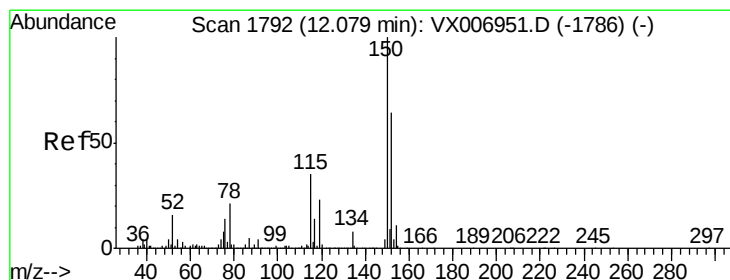
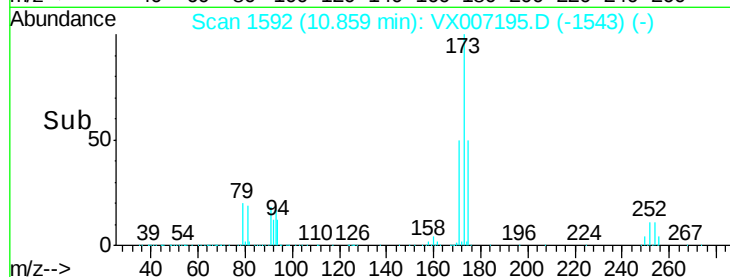
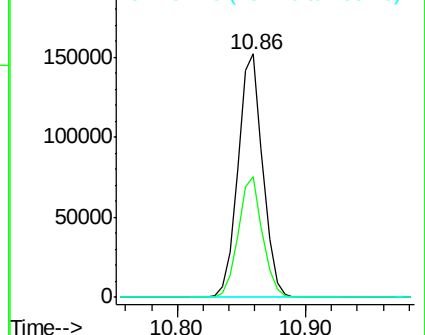
173 100

175 48.6 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: VX007195.D

Acq: 24 Jan 2019 10:36

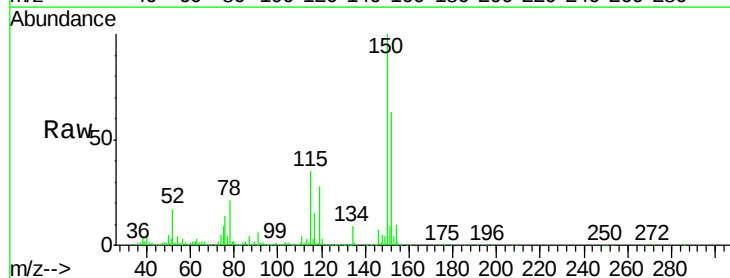
Tgt Ion:152 Resp: 342702

Ion Ratio Lower Upper

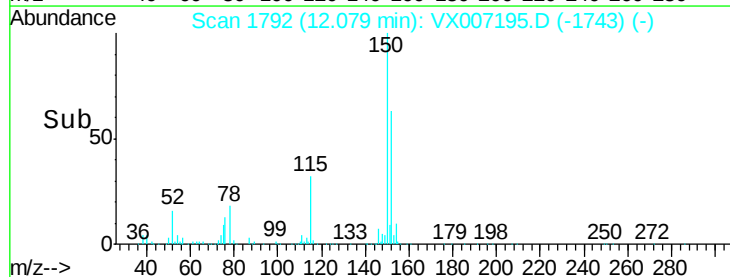
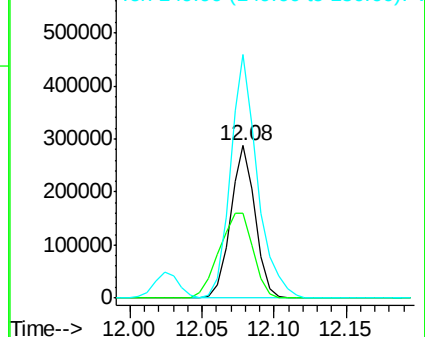
152 100

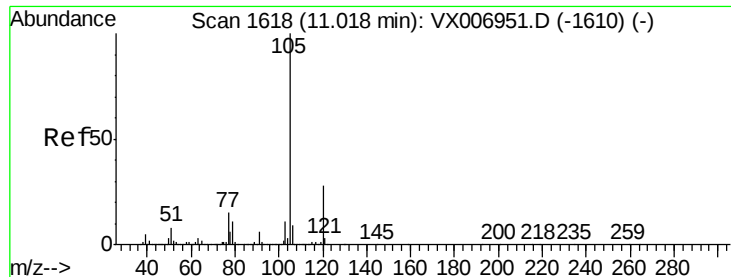
115 77.1 39.1 117.2

150 174.8 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: 49.340 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

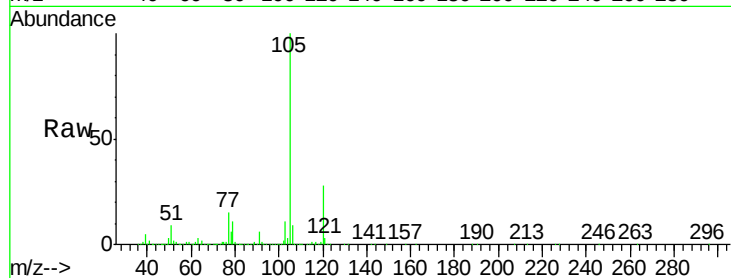
VSTDCCC050

Tot Ion:105 Resp: 1192312

Ion Ratio Lower Upper

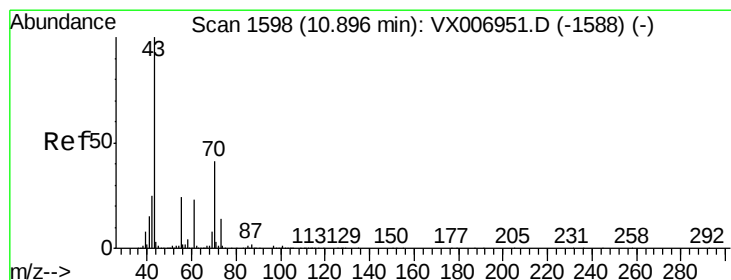
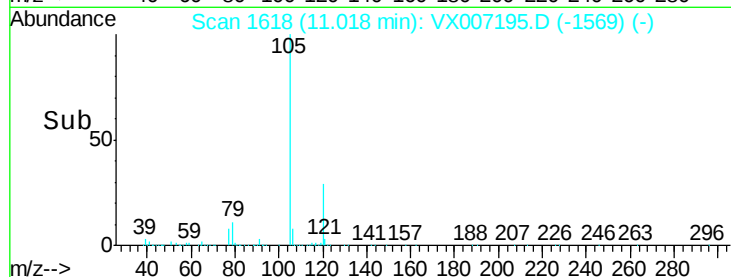
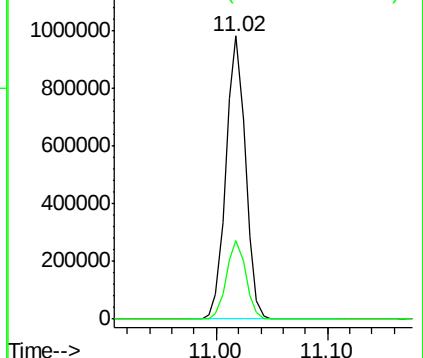
105 100

120 27.7 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: 48.073 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Tgt Ion: 43 Resp: 467726

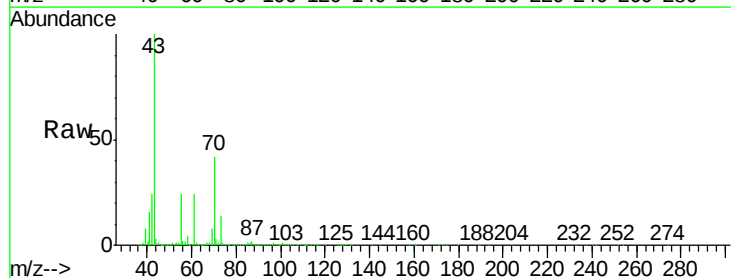
Ion Ratio Lower Upper

43 100

70 43.4 35.8 53.8

55 24.1 19.4 29.0

61 24.5 20.1 30.1

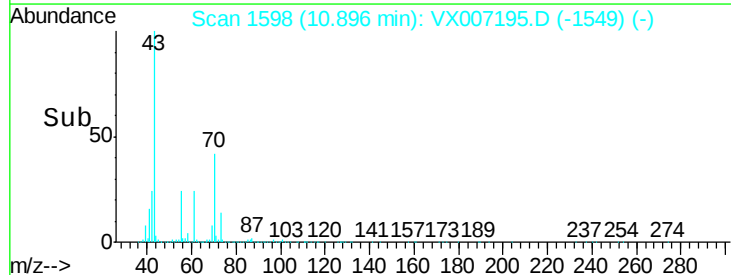
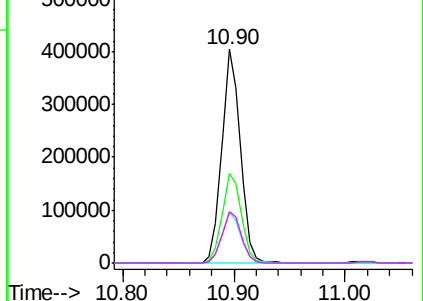


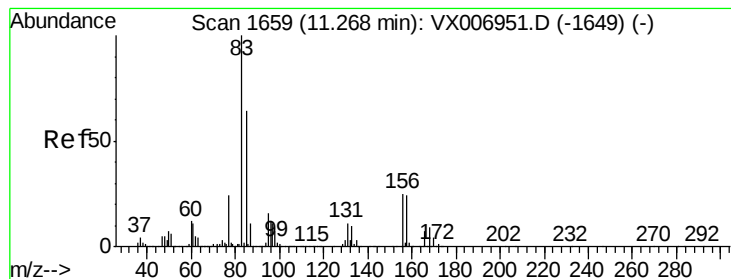
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 48.017 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

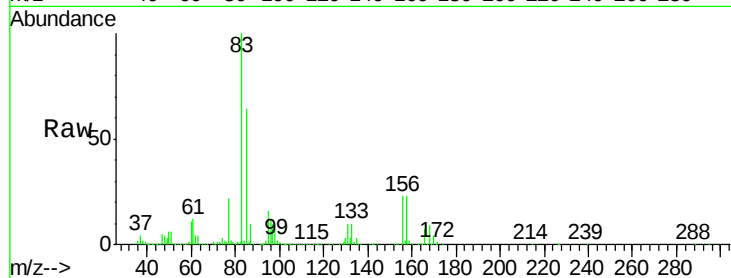
Tot Ion: 83 Resp: 368368

Ion Ratio Lower Upper

83 100

131 10.9 5.7 17.1

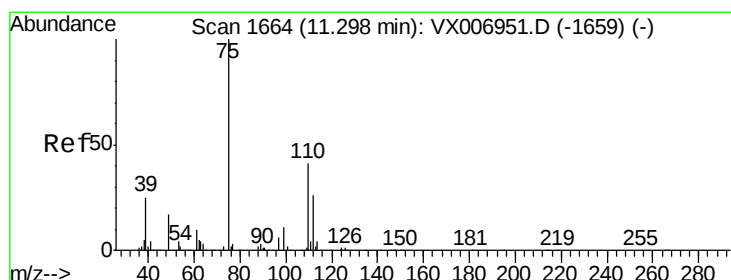
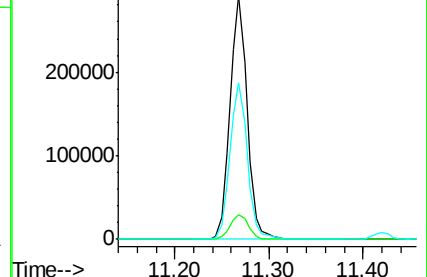
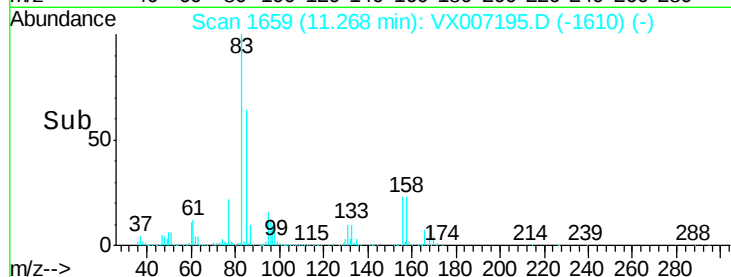
85 65.4 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX007195.D (-1610) (-)

Ion 130.80 (130.50 to 131.50): VX007195.D (-1610) (-)

Ion 84.90 (84.60 to 85.60): VX007195.D (-1610) (-)



#76

1,2,3-Trichloropropane

Concen: 61.172 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX007195.D

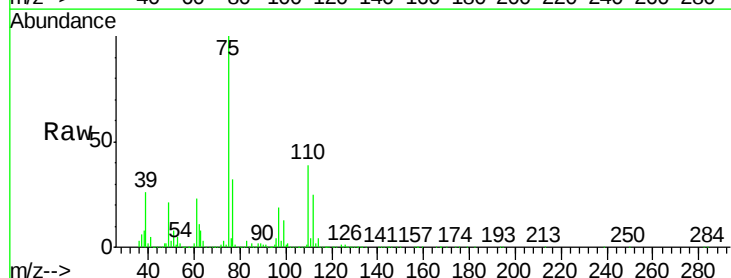
Acq: 24 Jan 2019 10:36

Tgt Ion: 75 Resp: 424821

Ion Ratio Lower Upper

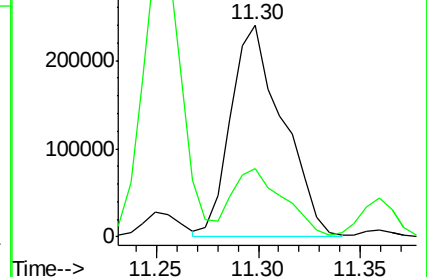
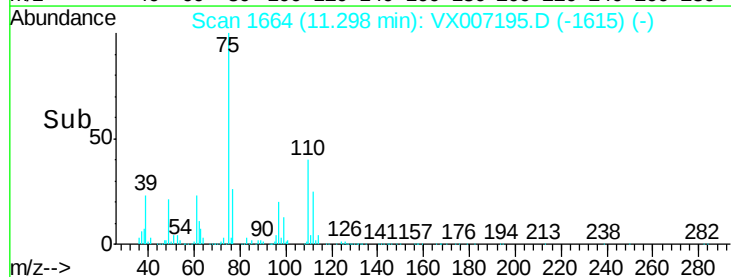
75 100

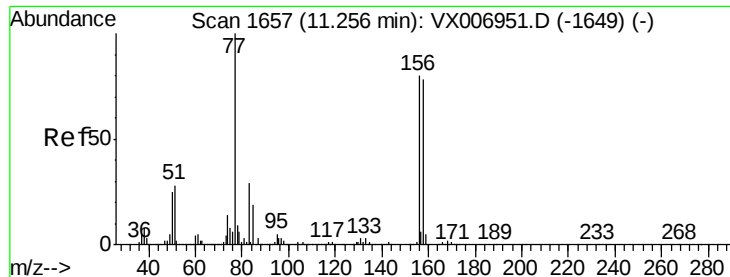
77 31.6 18.5 55.5



Abundance Ion 74.90 (74.60 to 75.60): VX007195.D (-1615) (-)

Ion 77.00 (76.70 to 77.70): VX007195.D (-1615) (-)





#77

Bromobenzene

Concen: 48.135 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

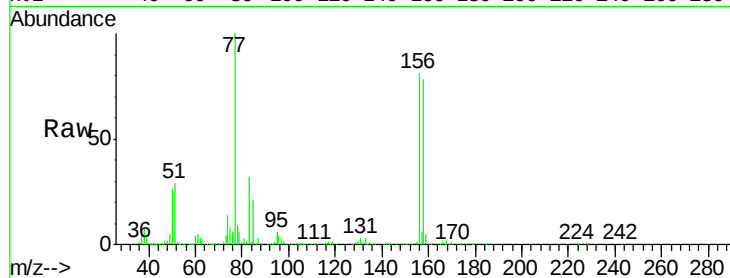
Tot Ion:156 Resp: 320503

Ion Ratio Lower Upper

156 100

77 134.7 68.0 204.0

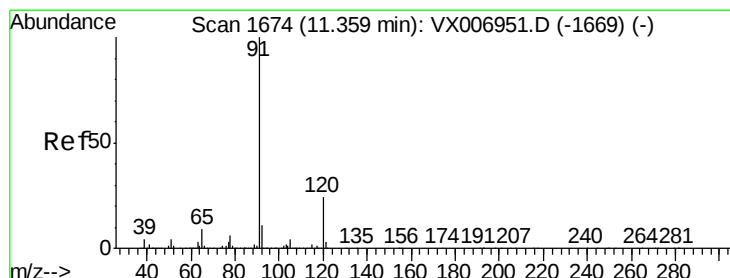
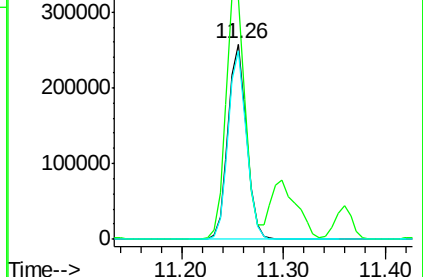
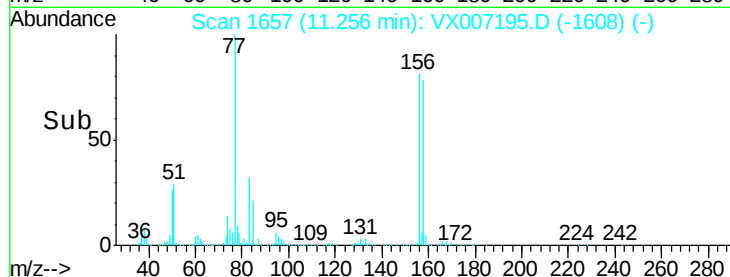
158 95.9 48.3 144.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.550 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX007195.D

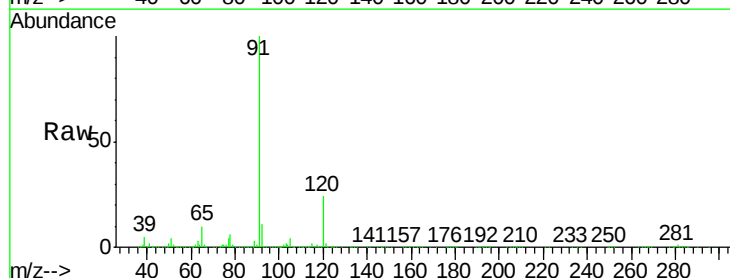
Acq: 24 Jan 2019 10:36

Tgt Ion: 91 Resp: 1341008

Ion Ratio Lower Upper

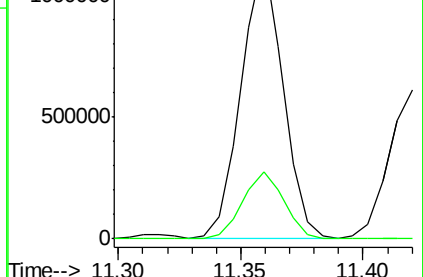
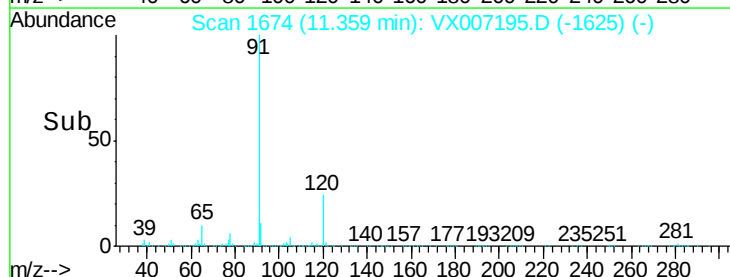
91 100

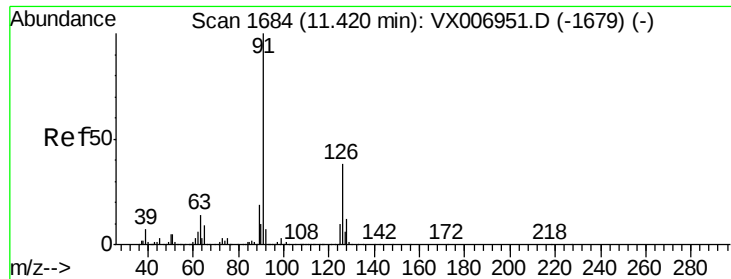
120 24.5 12.7 38.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 48.320 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

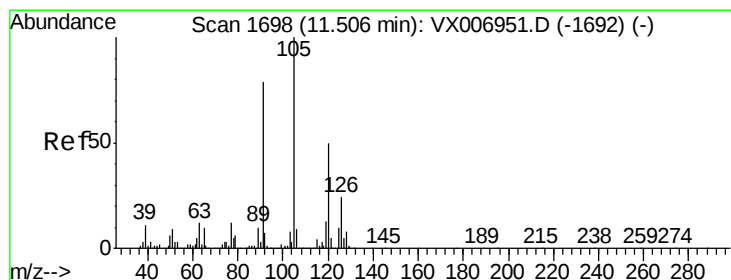
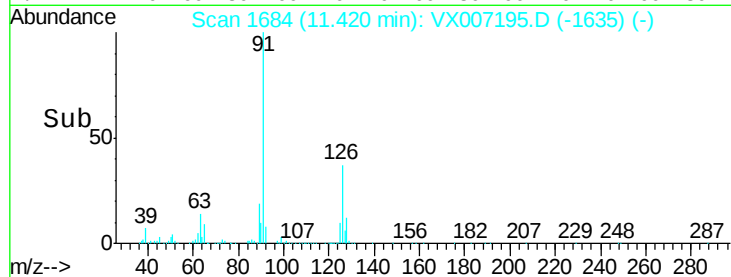
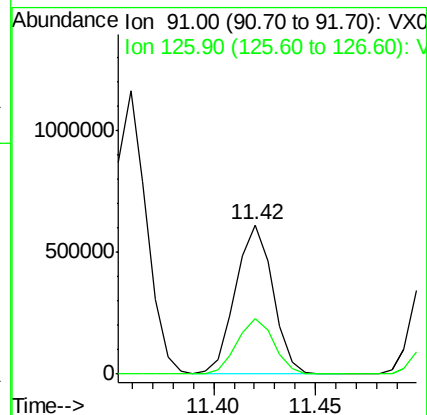
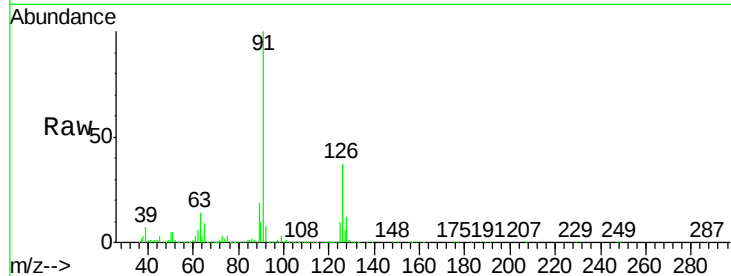
VSTDCCC050

Tot Ion: 91 Resp: 771613

Ion Ratio Lower Upper

91 100

126 37.4 18.6 56.0



#80

1,3,5-Trimethylbenzene

Concen: 49.134 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX007195.D

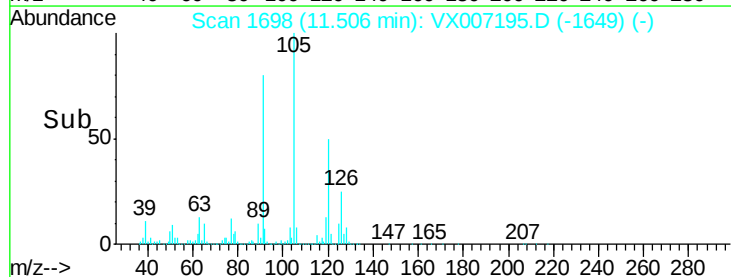
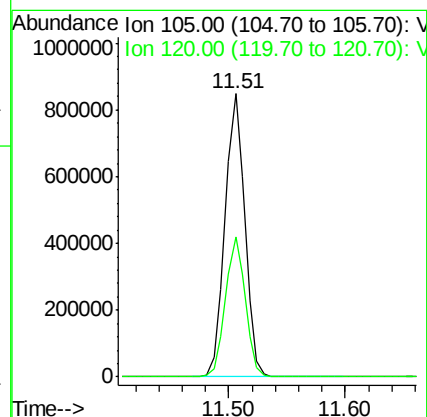
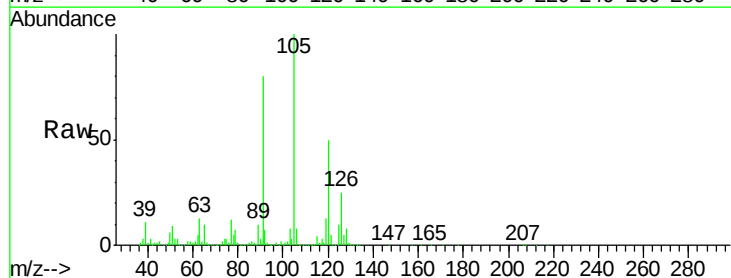
Acq: 24 Jan 2019 10:36

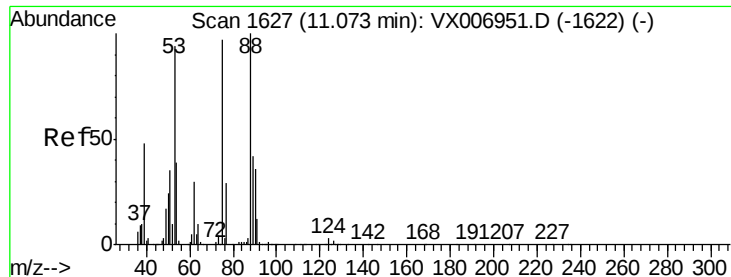
Tgt Ion:105 Resp: 992119

Ion Ratio Lower Upper

105 100

120 49.7 25.1 75.3





#81

trans-1,4-Dichloro-2-butene

Concen: 46.840 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. 0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

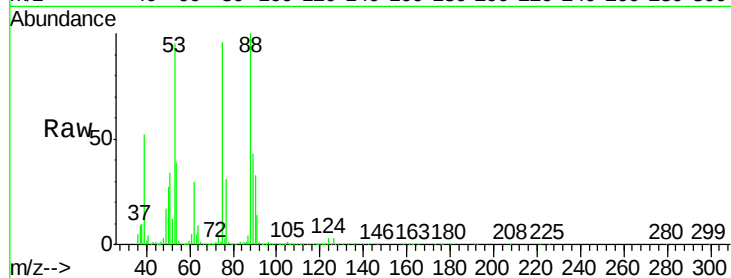
Tot Ion: 75 Resp: 107194

Ion Ratio Lower Upper

75 100

53 100.4 79.7 119.5

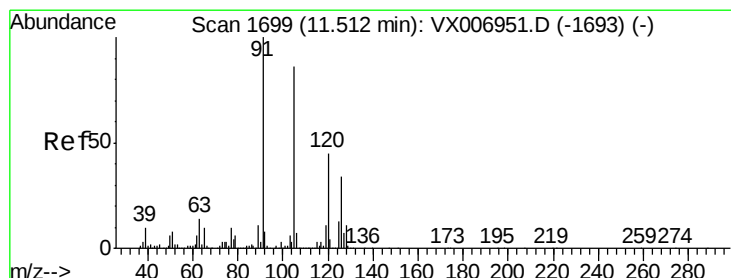
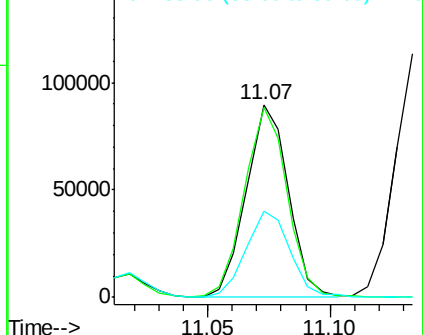
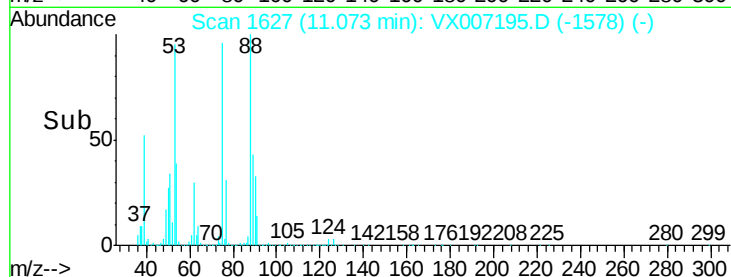
89 47.5 38.0 57.0



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: 49.118 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX007195.D

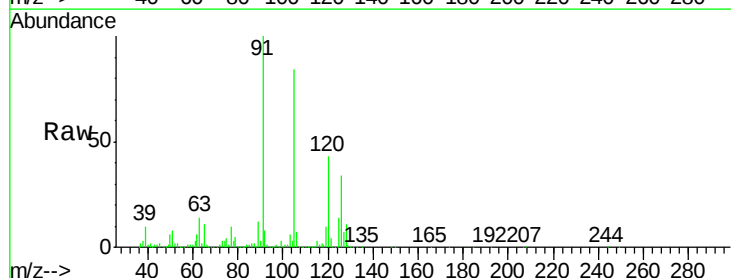
Acq: 24 Jan 2019 10:36

Tgt Ion: 91 Resp: 908171

Ion Ratio Lower Upper

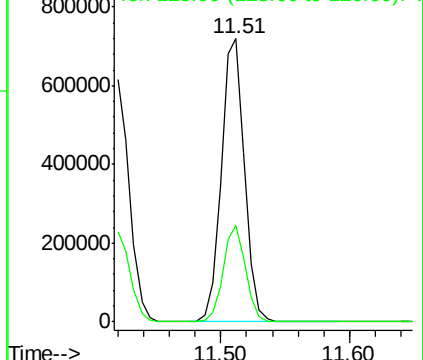
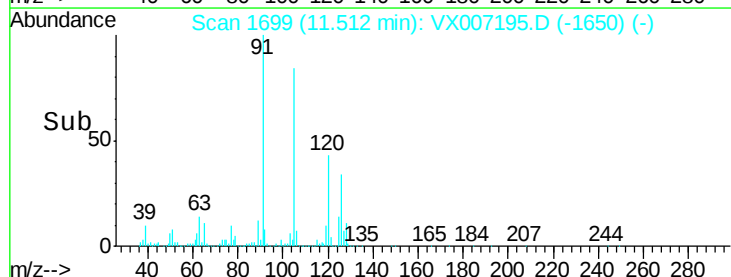
91 100

126 33.0 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: 48.310 ug/l

RT: 11.77 min Scan# 1741

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

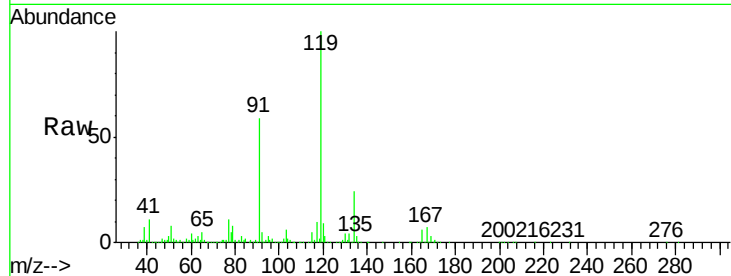
Tot Ion:119 Resp: 973258

Ion Ratio Lower Upper

119 100

91 56.6 27.7 83.1

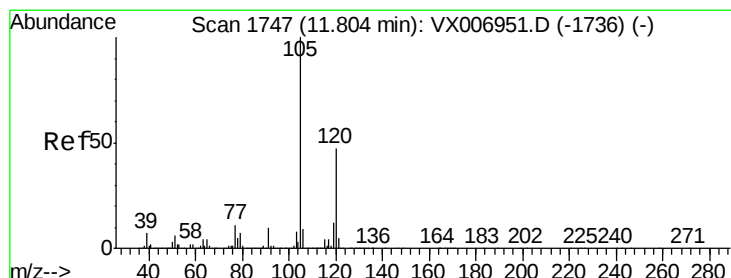
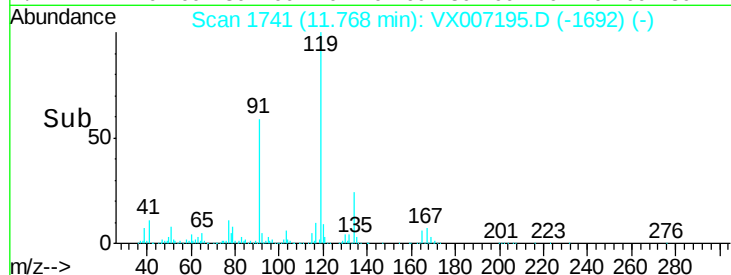
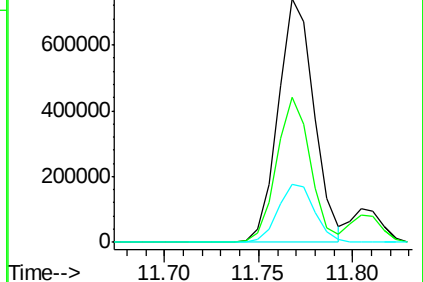
134 24.2 11.9 35.5



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: 49.452 ug/l

RT: 11.80 min Scan# 1747

Delta R.T. -0.00 min

Lab File: VX007195.D

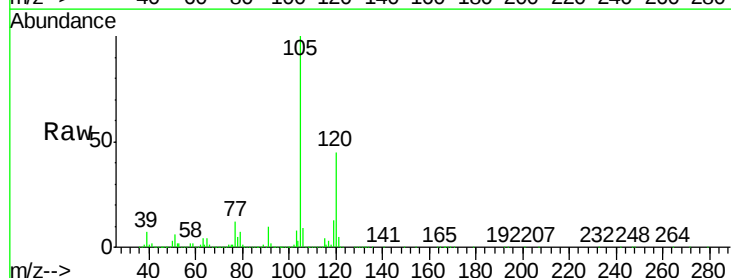
Acq: 24 Jan 2019 10:36

Tgt Ion:105 Resp: 1004111

Ion Ratio Lower Upper

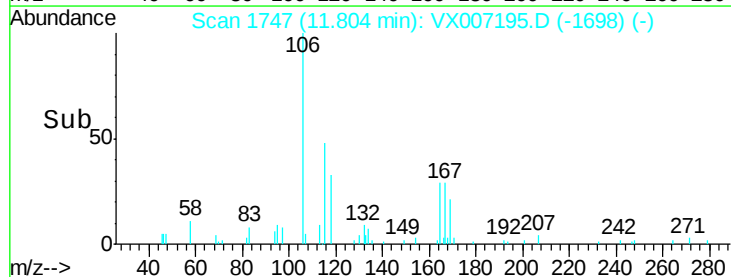
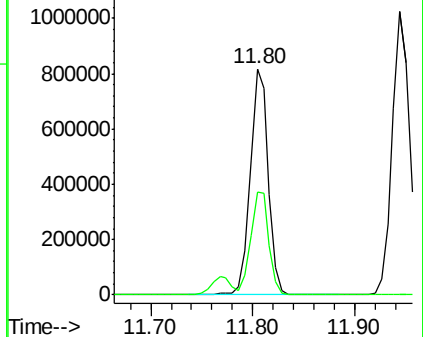
105 100

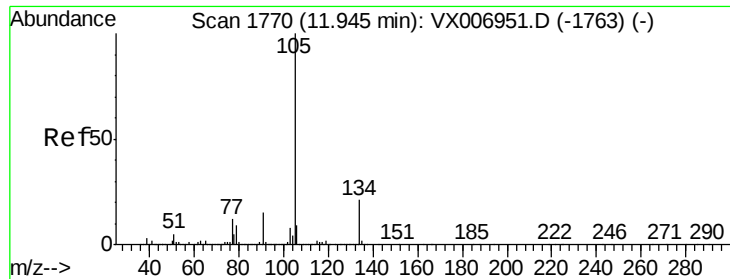
120 46.0 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 50.808 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

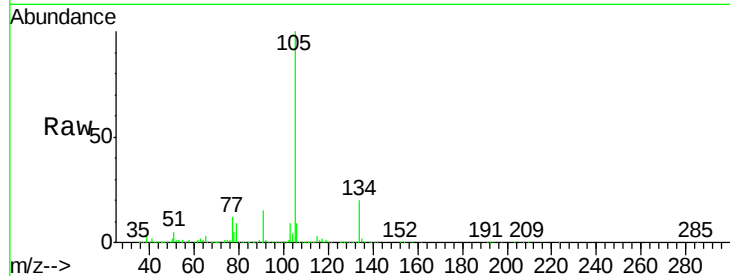
VSTDCCC050

Tot Ion:105 Resp: 1222430

Ion Ratio Lower Upper

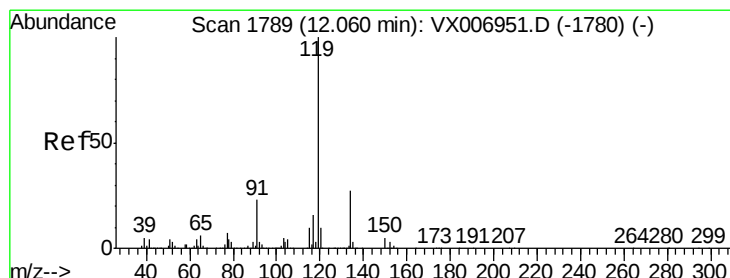
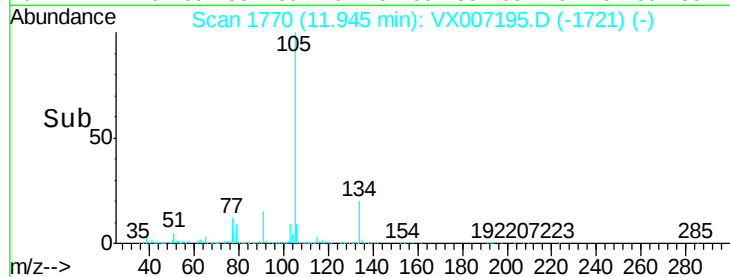
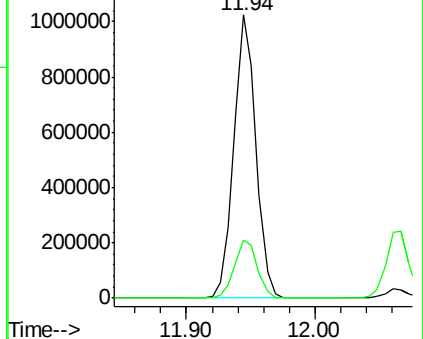
105 100

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: 50.739 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.01 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

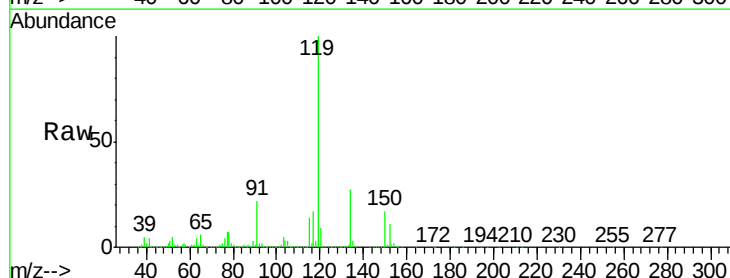
Tgt Ion:119 Resp: 1091947

Ion Ratio Lower Upper

119 100

134 27.2 14.0 41.9

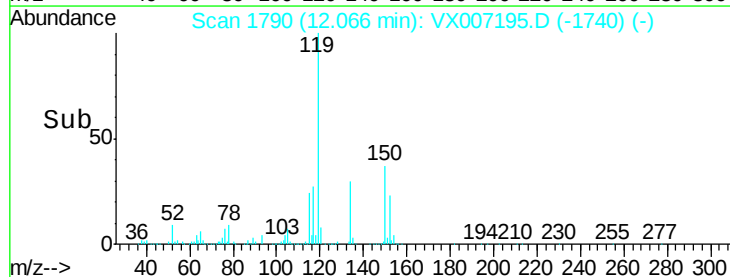
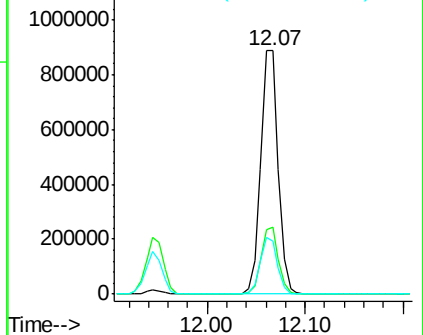
91 22.8 11.3 33.9



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

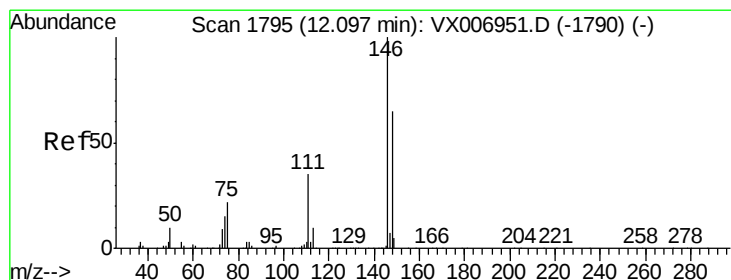
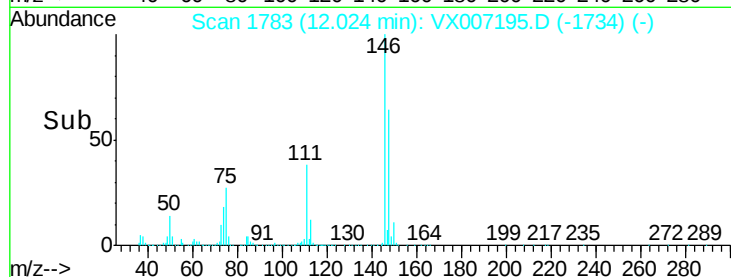
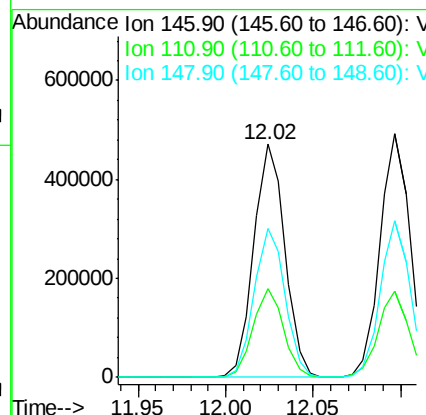
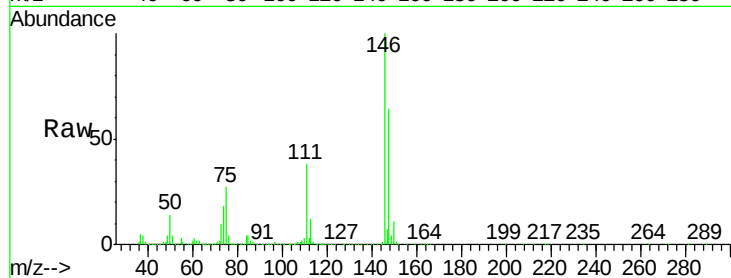




#87
 1,3-Dichlorobenzene
 Concen: 48.521 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX007195.D
 Acq: 24 Jan 2019 10:36

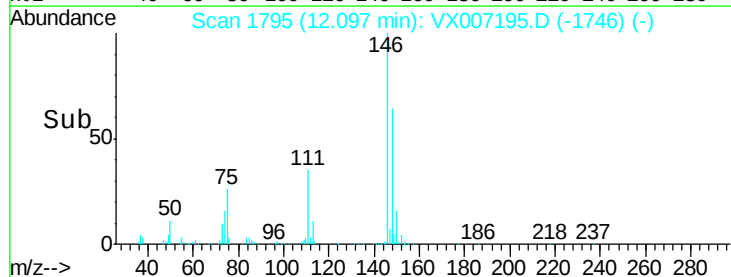
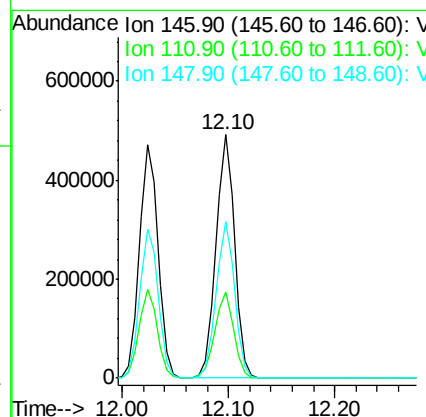
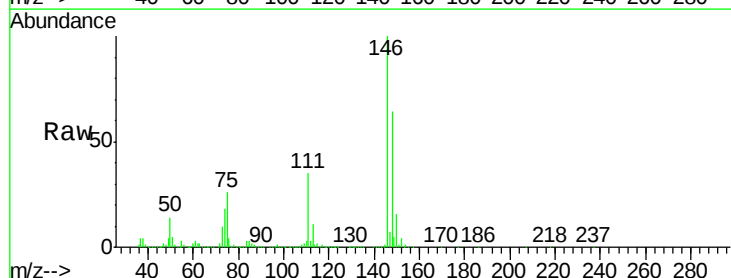
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.6	55.8
148	63.8	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 51.508 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX007195.D
 Acq: 24 Jan 2019 10:36

Tgt Ion	Ratio	Lower	Upper
146	100		
111	35.7	18.1	54.1
148	63.9	31.9	95.9

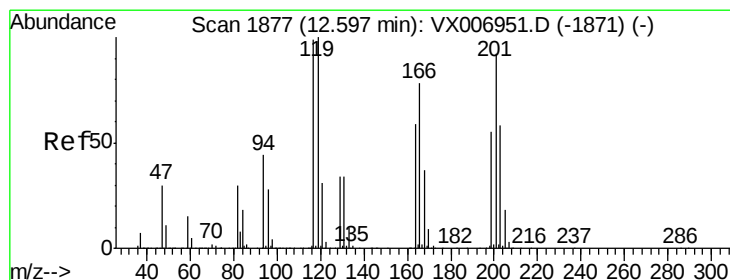
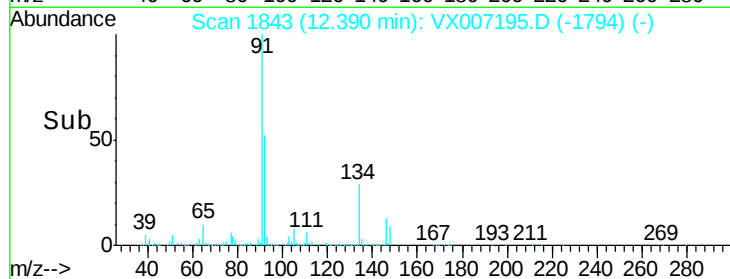
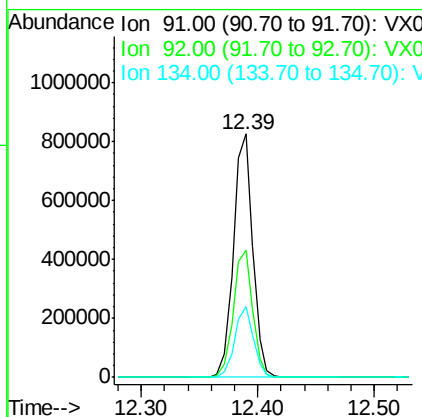
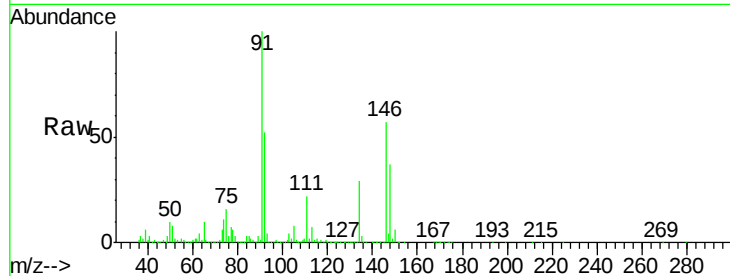




#89
n-Butylbenzene
Concen: 51.995 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX007195.D
Acq: 24 Jan 2019 10:36

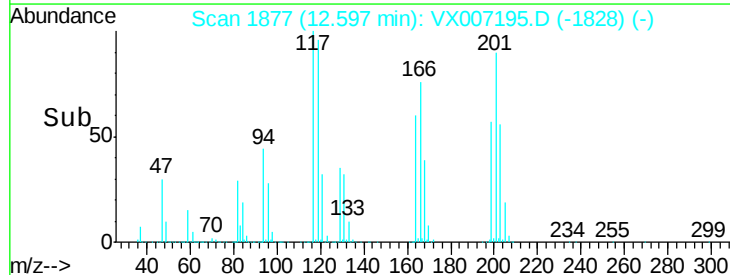
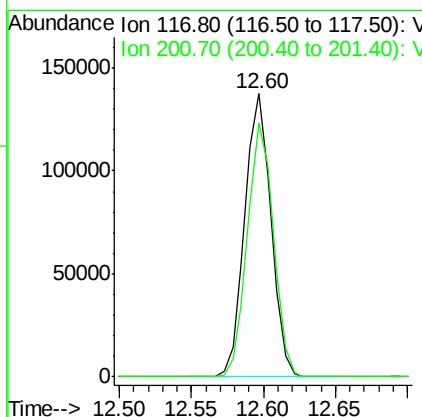
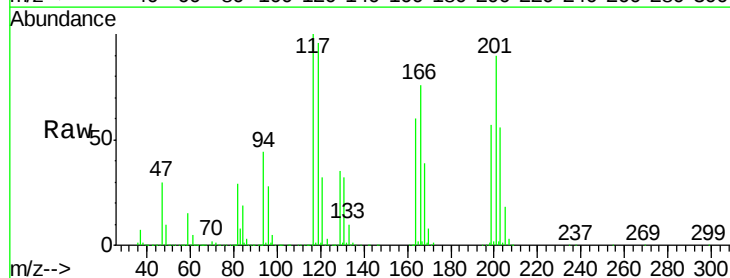
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

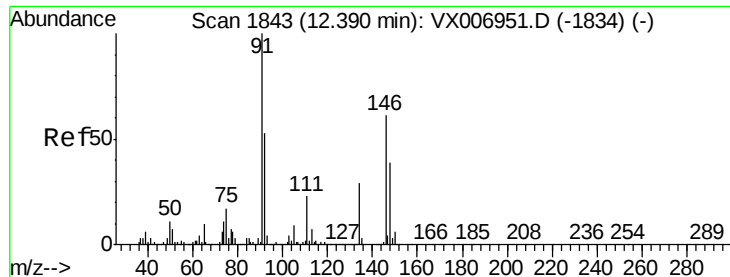
Tot Ion	Ratio	Lower	Upper
91	100		
92	52.5	26.8	80.4
134	28.2	14.4	43.2



#90
Hexachloroethane
Concen: 50.349 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX007195.D
Acq: 24 Jan 2019 10:36

Tgt Ion	Ratio	Lower	Upper
117	100		
201	89.1	42.9	128.7





#91

1,2-Dichlorobenzene

Concen: 48.882 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

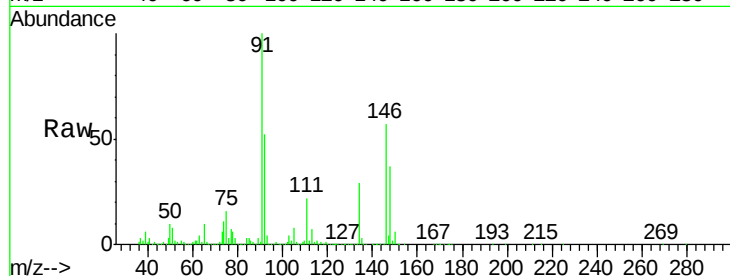
Tot Ion:146 Resp: 580561

Ion Ratio Lower Upper

146 100

111 38.2 19.4 58.2

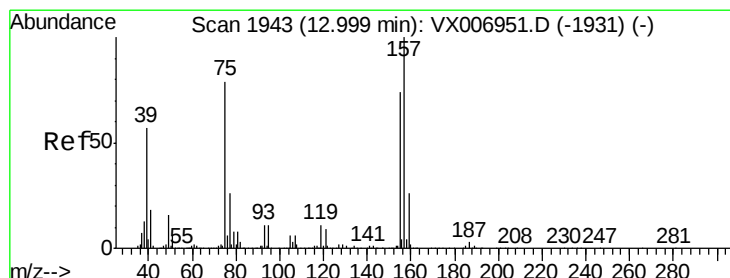
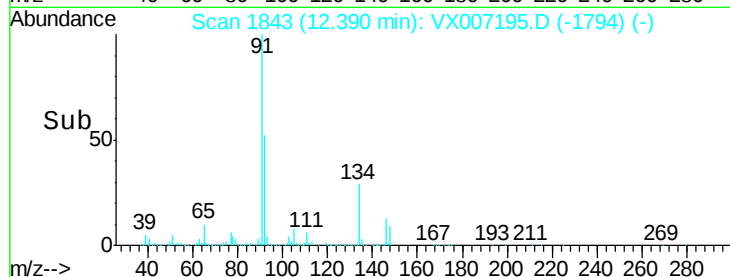
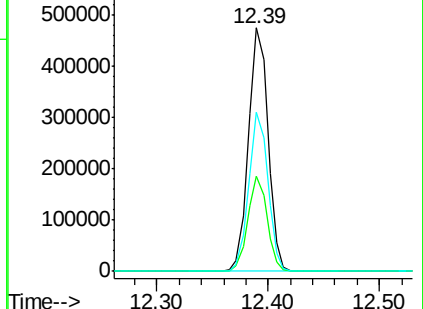
148 64.2 32.3 96.9



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: 53.142 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX007195.D

Acq: 24 Jan 2019 10:36

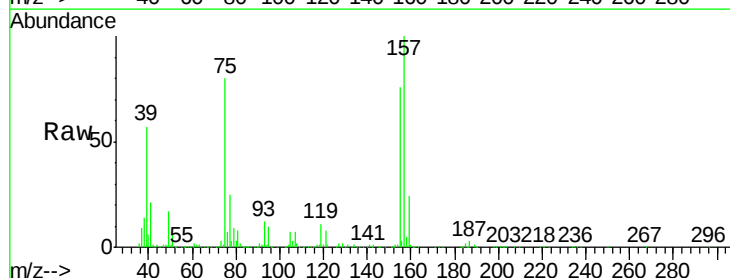
Tgt Ion: 75 Resp: 80631

Ion Ratio Lower Upper

75 100

155 99.4 50.6 151.8

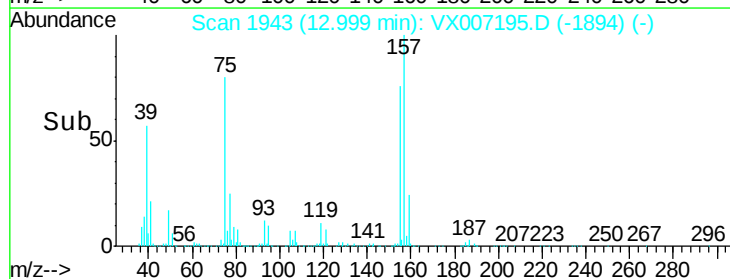
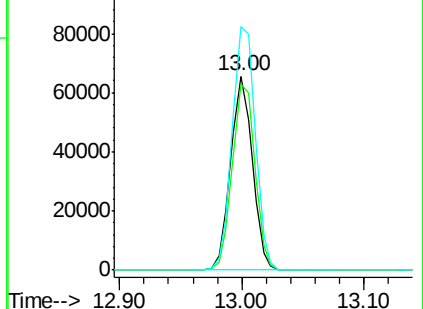
157 132.9 64.6 193.8



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

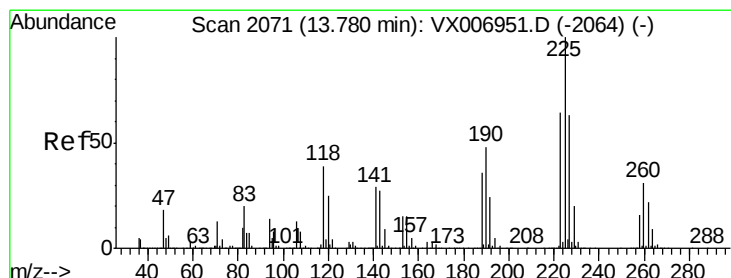
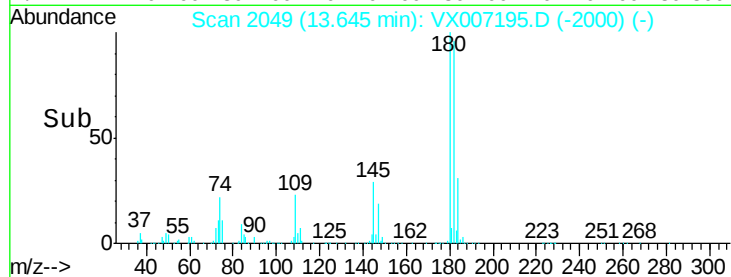
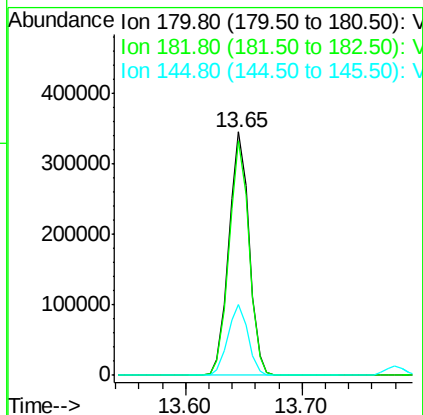
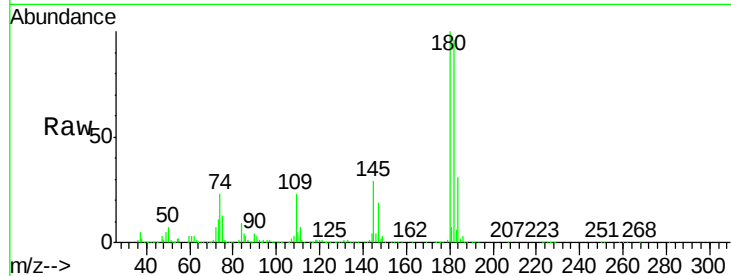




#93
1,2,4-Trichlorobenzene
Concen: 51.169 ug/l
RT: 13.65 min Scan# 2049
Delta R.T. -0.00 min
Lab File: VX007195.D
Acq: 24 Jan 2019 10:36

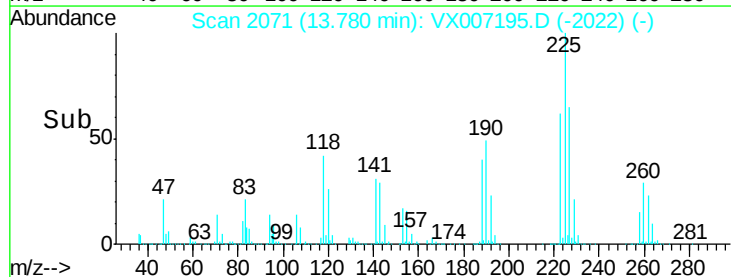
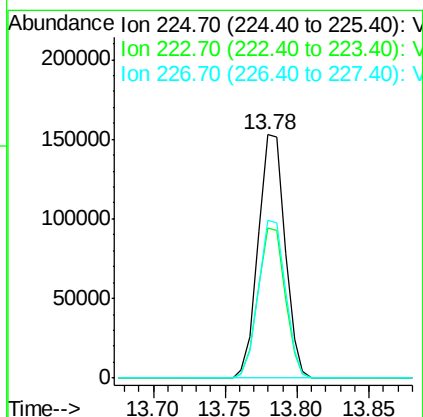
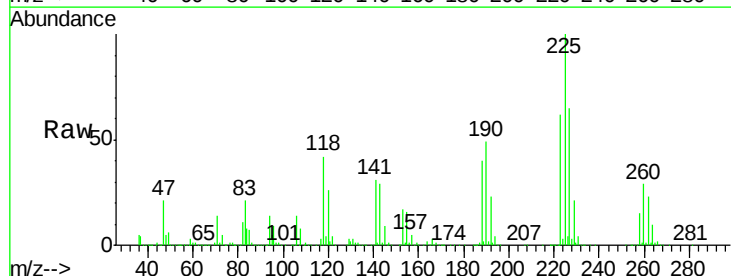
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

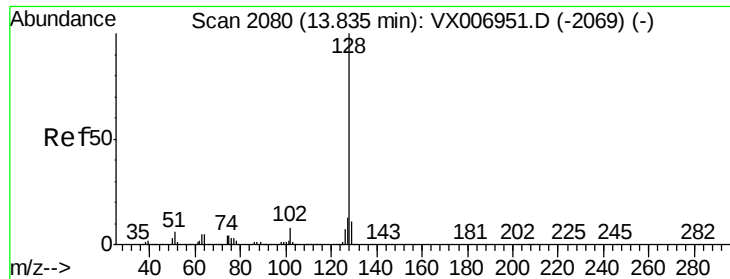
Tot Ion:180 Resp: 416945
Ion Ratio Lower Upper
180 100
182 95.3 47.3 142.0
145 28.9 14.8 44.3



#94
Hexachlorobutadiene
Concen: 54.164 ug/l
RT: 13.78 min Scan# 2071
Delta R.T. -0.00 min
Lab File: VX007195.D
Acq: 24 Jan 2019 10:36

Tgt Ion:225 Resp: 195853
Ion Ratio Lower Upper
225 100
223 62.5 32.1 96.3
227 65.2 32.3 96.8

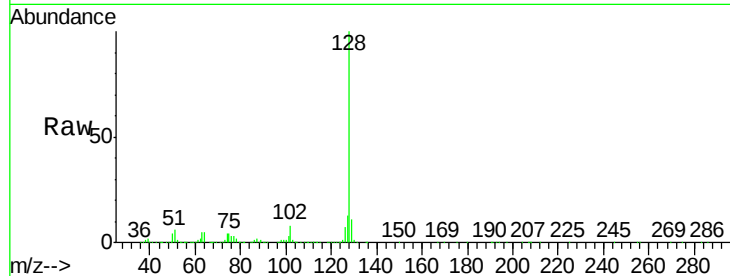




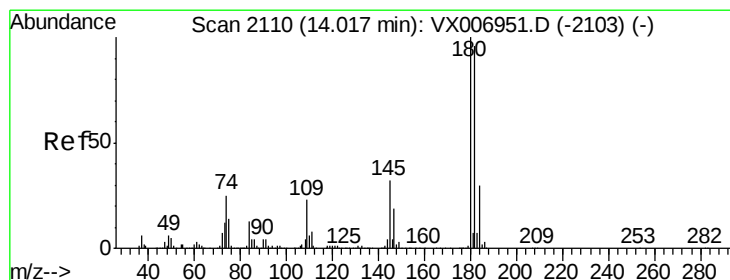
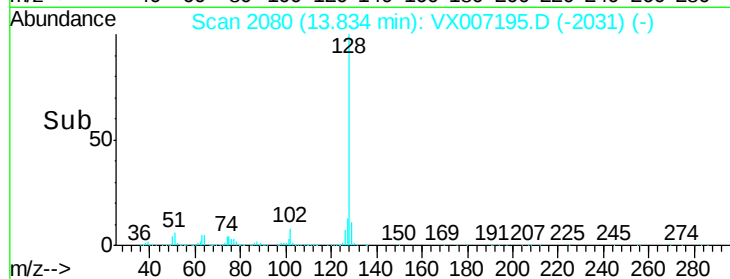
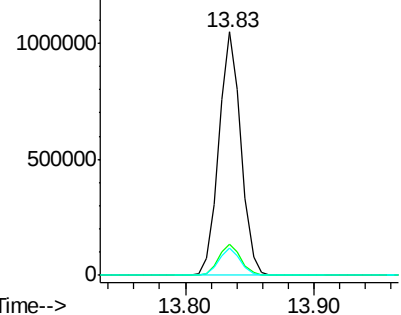
#95
Naphthalene
Concen: 50.800 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX007195.D
Acq: 24 Jan 2019 10:36

Instrument :
MSVOA_X
ClientSampled :
VSTDCCC050

Tot Ion:128 Resp: 1254303
Ion Ratio Lower Upper
128 100
127 12.9 10.1 15.1
129 10.9 8.6 13.0

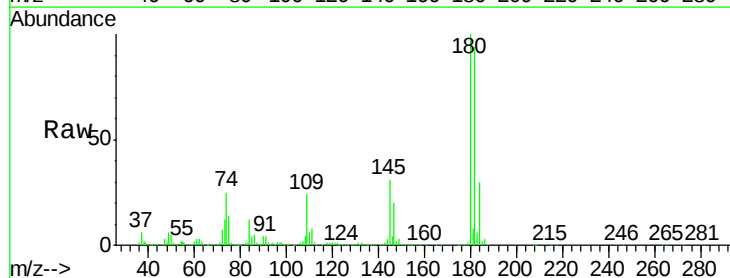


Abundance Ion 128.00 (127.70 to 128.70): V
Ion 127.00 (126.70 to 127.70): V
Ion 129.00 (128.70 to 129.70): V



#96
1,2,3-Trichlorobenzene
Concen: 51.405 ug/l
RT: 14.02 min Scan# 2110
Delta R.T. -0.00 min
Lab File: VX007195.D
Acq: 24 Jan 2019 10:36

Tgt Ion:180 Resp: 416098
Ion Ratio Lower Upper
180 100
182 95.7 48.5 145.5
145 30.5 16.0 47.9



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

