

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111418\
 Data File : VX005990.D
 Acq On : 14 Nov 2018 22:48
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Nov 15 06:06:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X110718W.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 07 14:40:53 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	115758	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	165761	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	154235	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	84483	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	65273	49.05	ug/l	0.00
Spiked Amount			Recovery	=	98.10%	
35) Dibromofluoromethane	5.51	113	52624	46.68	ug/l	0.00
Spiked Amount			Recovery	=	93.36%	
50) Toluene-d8	8.71	98	194770	51.96	ug/l	0.00
Spiked Amount			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	11.14	95	72623	53.89	ug/l	0.00
Spiked Amount			Recovery	=	107.78%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	46779	44.821	ug/l	90
3) Chloromethane	1.32	50	60380	44.082	ug/l	99
4) Vinyl Chloride	1.41	62	62318	45.320	ug/l	100
5) Bromomethane	1.64	94	37796	44.916	ug/l	99
6) Chloroethane	1.71	64	39523	48.172	ug/l	98
7) Trichlorofluoromethane	1.92	101	88279	48.366	ug/l	96
8) Diethyl Ether	2.19	74	36728	51.354	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	50634	48.234	ug/l	99
10) Methyl Iodide	2.51	142	63227	49.696	ug/l	96
11) Tert butyl alcohol	3.07	59	92541	242.747	ug/l	99
12) 1,1-Dichloroethene	2.37	96	48011	46.924	ug/l	95
13) Acrolein	2.29	56	54446	295.732	ug/l	99
14) Allyl chloride	2.73	41	111670	48.867	ug/l	98
15) Acrylonitrile	3.15	53	204151	258.405	ug/l	99
16) Acetone	2.45	43	175358	244.733	ug/l	98
17) Carbon Disulfide	2.57	76	141055	46.218	ug/l	98
18) Methyl Acetate	2.78	43	106925	55.858	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	187074	53.570	ug/l	93
20) Methylene Chloride	2.85	84	58312	49.542	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	53838	49.887	ug/l	88
22) Diisopropyl ether	3.87	45	214426	53.565	ug/l	94
23) Vinyl Acetate	3.82	43	855725	249.315	ug/l	98
24) 1,1-Dichloroethane	3.70	63	108824	50.954	ug/l	97
25) 2-Butanone	4.70	43	281902	250.246	ug/l	97
26) 2,2-Dichloropropane	4.59	77	74741	47.707	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	61686	51.766	ug/l	97
28) Bromochloromethane	5.02	49	52625	55.134	ug/l	98
29) Tetrahydrofuran	5.16	42	187447	259.156	ug/l	98
30) Chloroform	5.21	83	103370	50.168	ug/l	99
31) Cyclohexane	5.57	56	89987	48.539	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	85038	49.479	ug/l	98
36) 1,1-Dichloropropene	5.80	75	72194	45.178	ug/l	97
37) Ethyl Acetate	4.85	43	104380	49.672	ug/l	100
38) Carbon Tetrachloride	5.77	117	75994	47.504	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	82964	51.225	ug/l	87
40) Benzene	6.15	78	230001	49.373	ug/l	100
41) Methacrylonitrile	5.06	41	55479	48.860	ug/l	97
42) 1,2-Dichloroethane	6.19	62	81086	48.597	ug/l	100
43) Isopropyl Acetate	6.46	43	148197	48.670	ug/l	98
44) Trichloroethene	7.21	130	57389	48.510	ug/l	99
45) 1,2-Dichloropropane	7.52	63	58474	51.715	ug/l	98
46) Dibromomethane	7.66	93	37150	52.359	ug/l	99
47) Bromodichloromethane	7.90	83	72614	54.153	ug/l	99
48) Methyl methacrylate	7.77	41	75603	55.297	ug/l	99
49) 1,4-Dioxane	7.75	88	31654	1074.412	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	505164	263.240	ug/l	99
52) Toluene	8.79	92	131095	50.352	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	79146	50.017	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	87006	53.946	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	55323	47.678	ug/l	99
56) Ethyl methacrylate	9.18	69	89550	51.579	ug/l	98
57) 1,3-Dichloropropane	9.37	76	93167	47.779	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	243490	257.133	ug/l	100
59) 2-Hexanone	9.49	43	400401	236.709	ug/l	98
60) Dibromochloromethane	9.59	129	58605	46.733	ug/l	98
61) 1,2-Dibromoethane	9.67	107	57398	44.735	ug/l	99
64) Tetrachloroethene	9.34	164	59048	44.967	ug/l	98
65) Chlorobenzene	10.14	112	149294	48.318	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	54845	51.057	ug/l	98
67) Ethyl Benzene	10.25	91	257192	51.910	ug/l	100
68) m/p-Xylenes	10.36	106	196603	104.030	ug/l	100
69) o-Xylene	10.70	106	95106	56.121	ug/l	99
70) Styrene	10.71	104	159763	57.149	ug/l	100
71) Bromoform	10.86	173	48835	54.232	ug/l #	99
73) Isopropylbenzene	11.02	105	261757	53.578	ug/l	99
74) N-amyl acetate	10.90	43	133374	48.688	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	91031	50.764	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	110073	63.986	ug/l	84
77) Bromobenzene	11.26	156	68988	50.099	ug/l	99
78) n-propylbenzene	11.36	91	298847	51.903	ug/l	100
79) 2-Chlorotoluene	11.42	91	179613	51.610	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	219967	52.982	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	27434	50.828	ug/l	97
82) 4-Chlorotoluene	11.51	91	210693	51.369	ug/l	100
83) tert-Butylbenzene	11.77	119	218553	52.034	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	228370	49.843	ug/l	100
85) sec-Butylbenzene	11.94	105	263237	51.251	ug/l	100
86) p-Isopropyltoluene	12.07	119	235165	51.690	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	126753	47.963	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	127643	47.181	ug/l	99
89) n-Butylbenzene	12.39	91	203932	48.365	ug/l	100
90) Hexachloroethane	12.60	117	39221	51.636	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	128658	48.597	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22839	52.193	ug/l	99

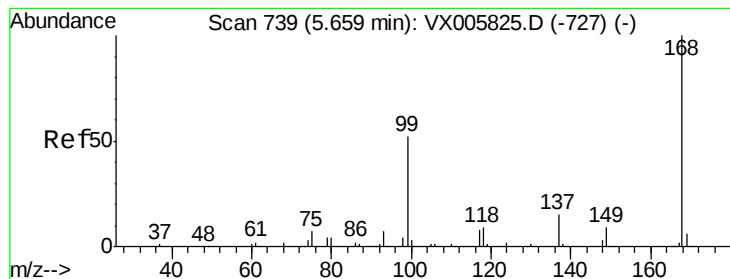
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	93208	50.011	ug/l	100
94) Hexachlorobutadiene	13.79	225	43720	44.658	ug/l	99
95) Naphthalene	13.83	128	294917	48.557	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	95522	50.308	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

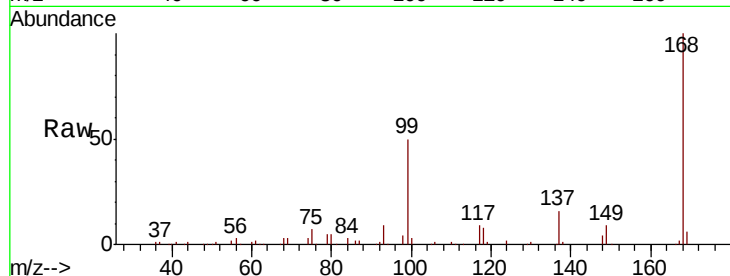
VSTDCCC050

Tot Ion:168 Resp: 115758

Ion Ratio Lower Upper

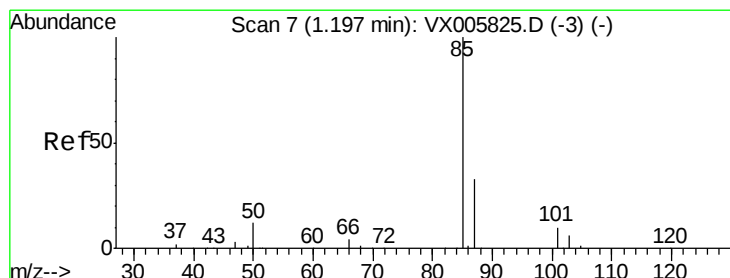
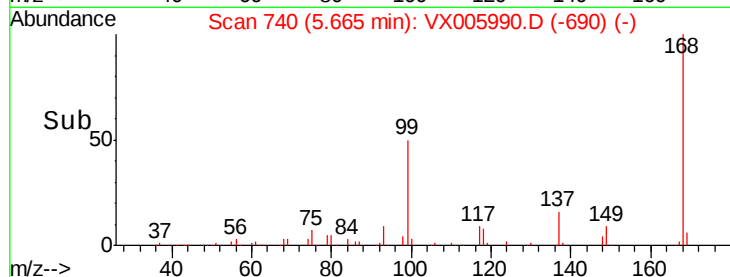
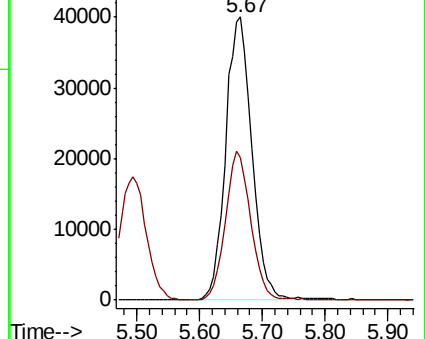
168 100

99 50.4 40.7 61.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 44.821 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005990.D

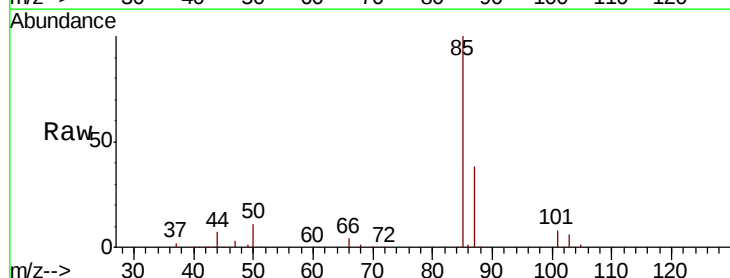
Acq: 14 Nov 2018 22:48

Tgt Ion: 85 Resp: 46779

Ion Ratio Lower Upper

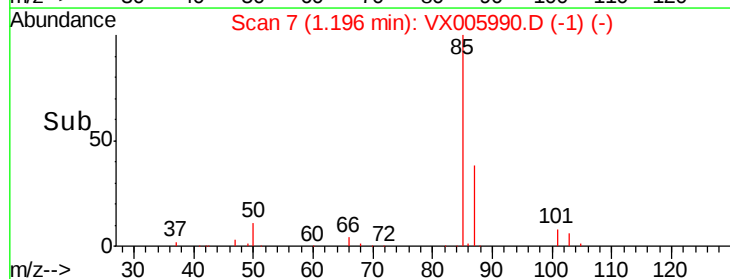
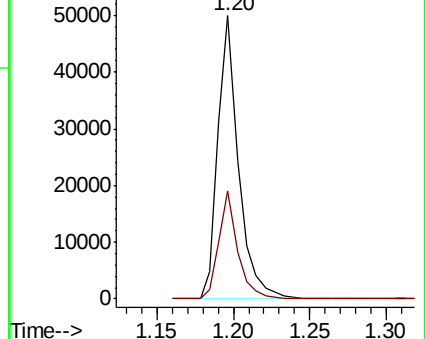
85 100

87 38.2 16.3 48.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 44.082 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

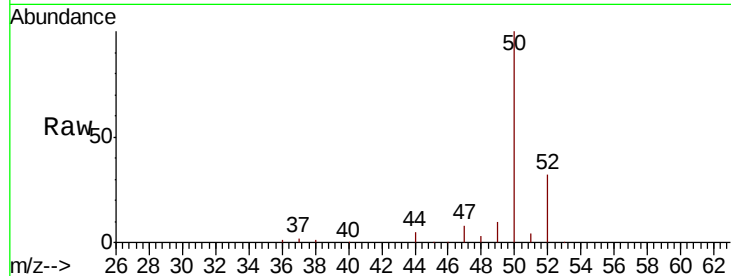
VSTDCCC050

Tot Ion: 50 Resp: 60380

Ion Ratio Lower Upper

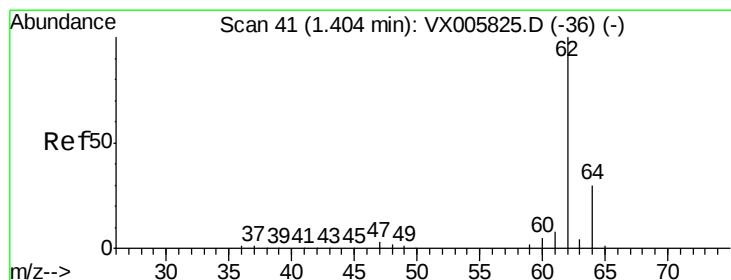
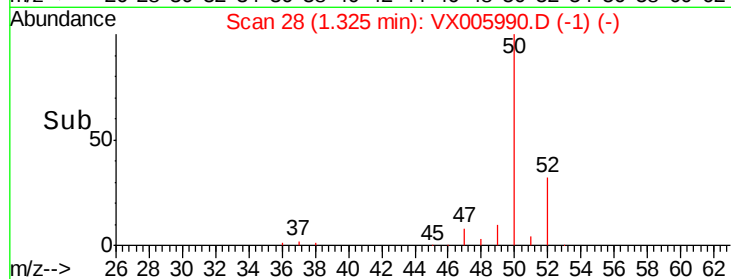
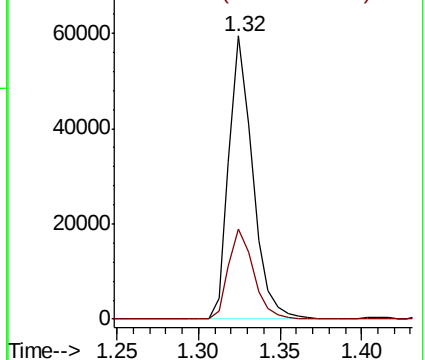
50 100

52 31.9 26.2 39.2



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 45.320 ug/l

RT: 1.41 min Scan# 42

Delta R.T. 0.01 min

Lab File: VX005990.D

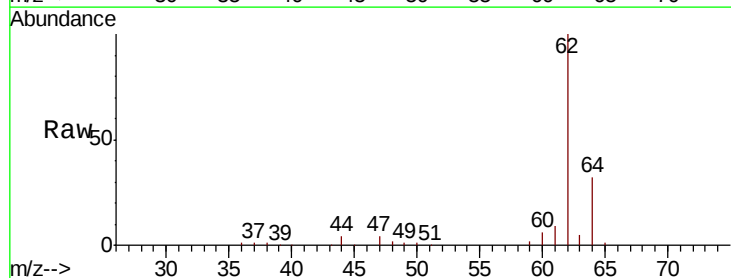
Acq: 14 Nov 2018 22:48

Tgt Ion: 62 Resp: 62318

Ion Ratio Lower Upper

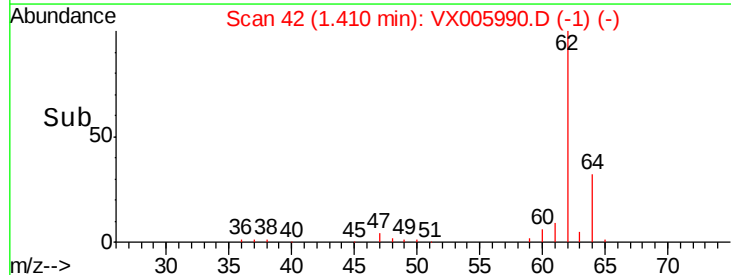
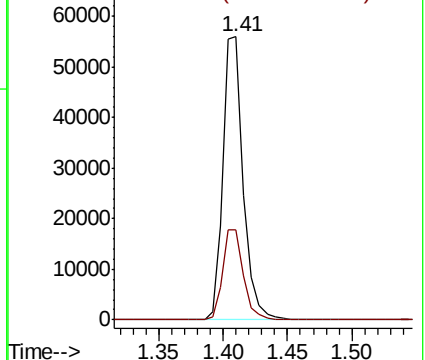
62 100

64 31.8 25.3 37.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 44.916 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

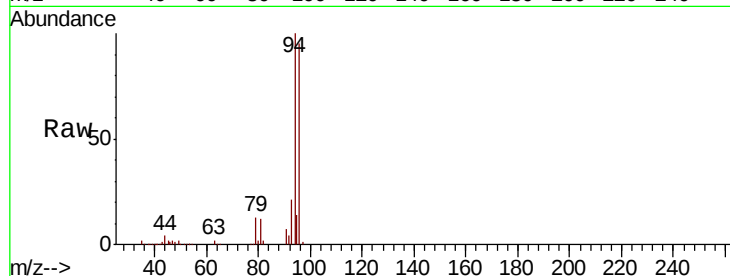
VSTDCCC050

Tot Ion: 94 Resp: 37796

Ion Ratio Lower Upper

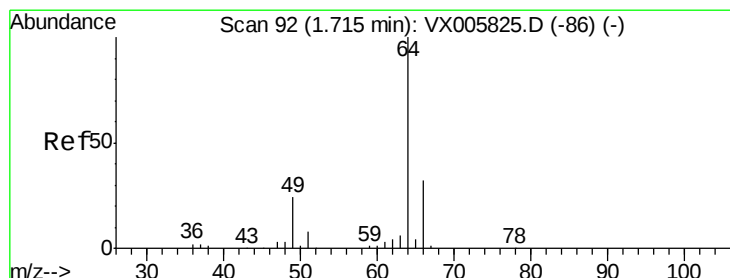
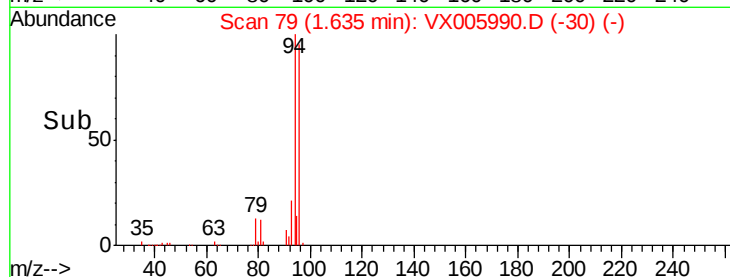
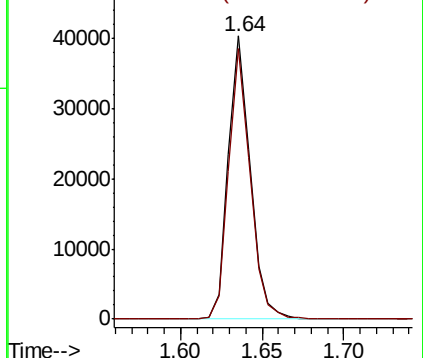
94 100

96 95.4 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.172 ug/l

RT: 1.71 min Scan# 92

Delta R.T. -0.00 min

Lab File: VX005990.D

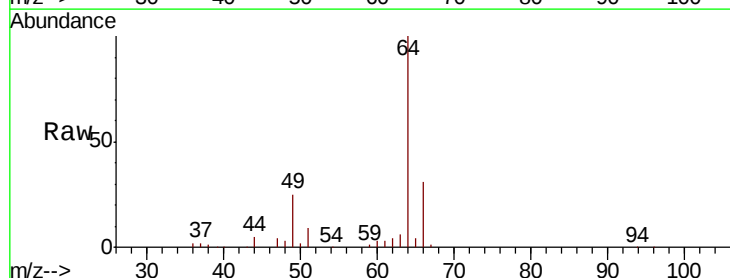
Acq: 14 Nov 2018 22:48

Tgt Ion: 64 Resp: 39523

Ion Ratio Lower Upper

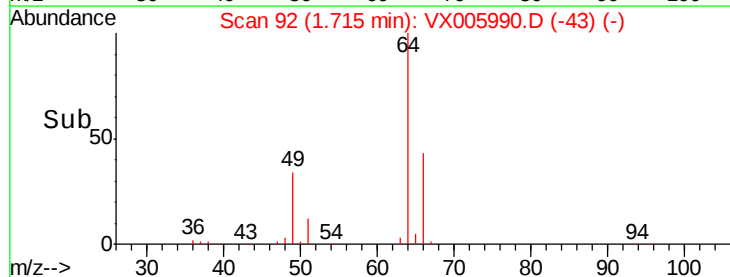
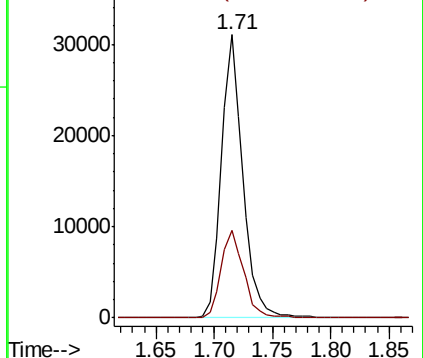
64 100

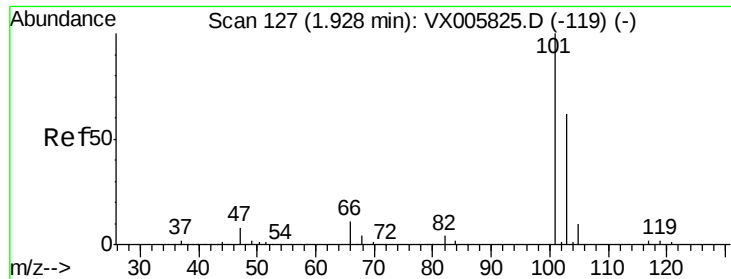
66 30.8 25.8 38.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



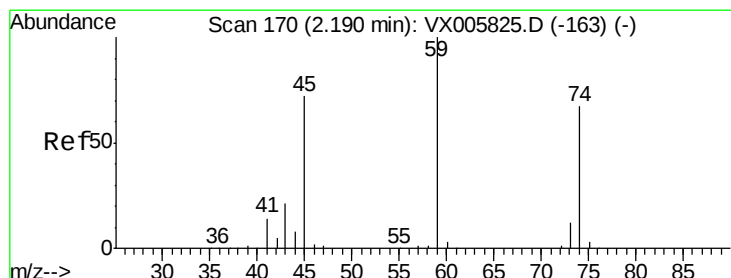
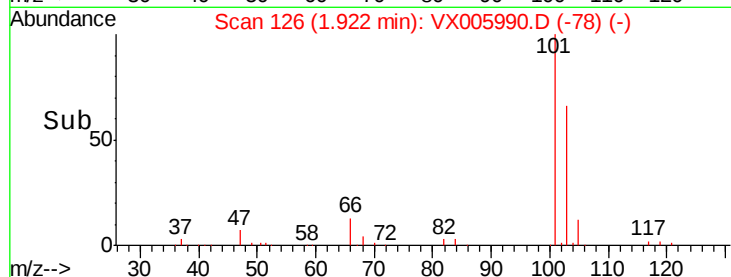
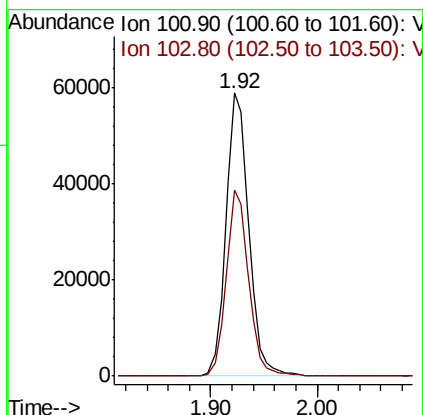
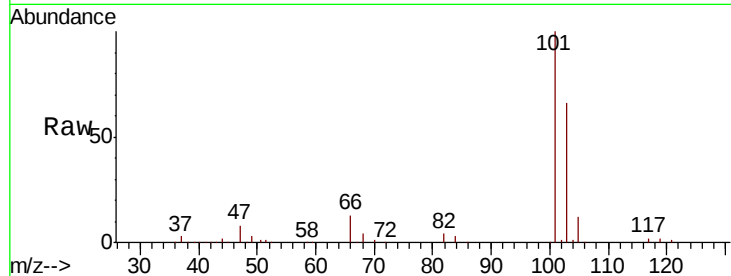


#7

Trichlorofluoromethane
 Concen: 48.366 ug/l
 RT: 1.92 min Scan# 126
 Delta R.T. -0.01 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

Instrument :
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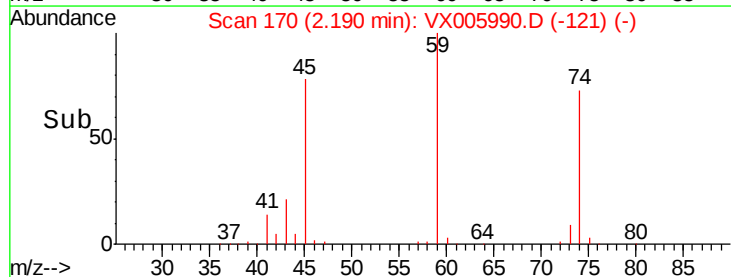
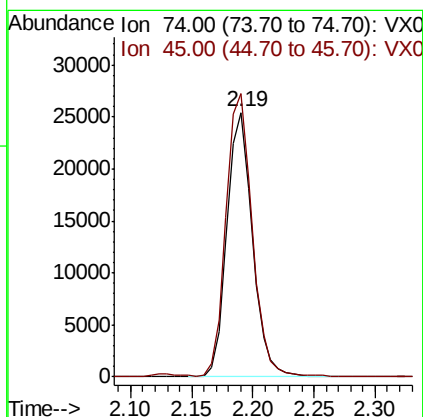
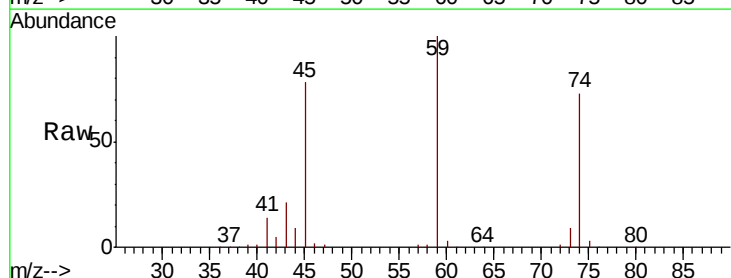
Tot Ion:101 Resp: 88279
 Ion Ratio Lower Upper
 101 100
 103 65.6 50.0 75.0



#8

Diethyl Ether
 Concen: 51.354 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

Tgt Ion: 74 Resp: 36728
 Ion Ratio Lower Upper
 74 100
 45 108.5 54.1 162.3

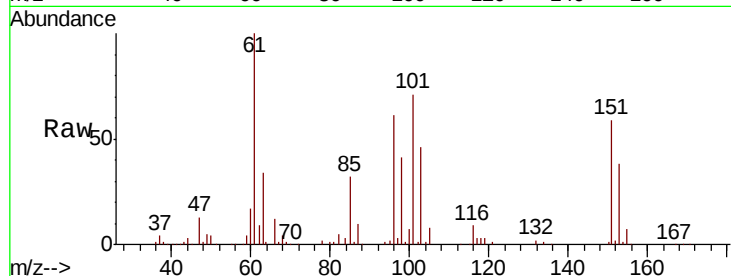




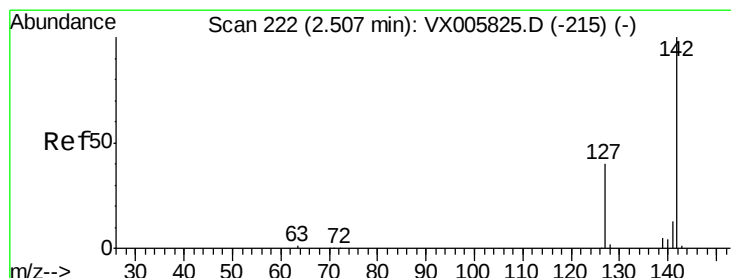
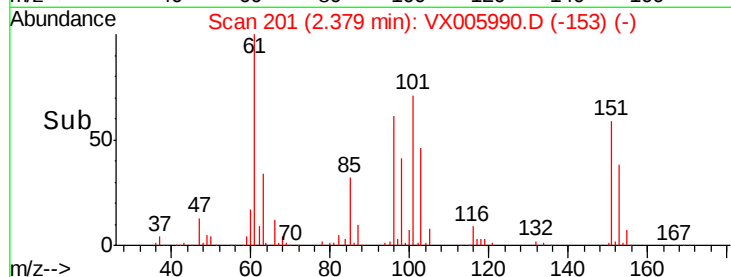
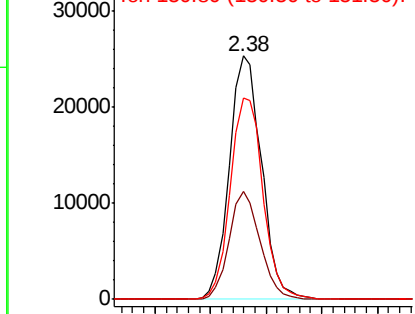
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.234 ug/l
 RT: 2.38 min Scan# 201
 Delta R.T. -0.01 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:101 Resp: 50634
 Ion Ratio Lower Upper
 101 100
 85 42.8 35.0 52.4
 151 84.0 66.2 99.2

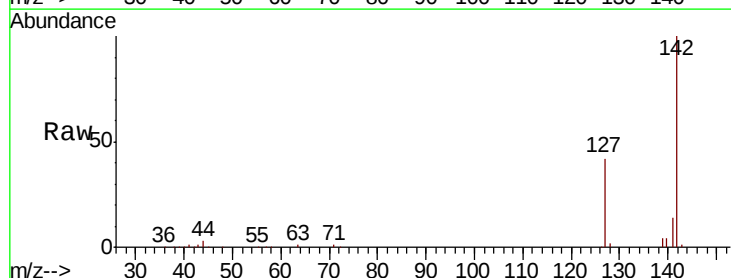


Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 150.80 (150.50 to 151.50): V

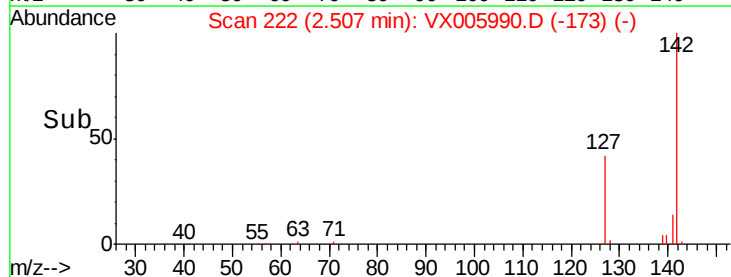
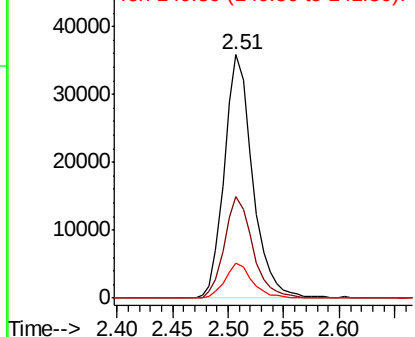


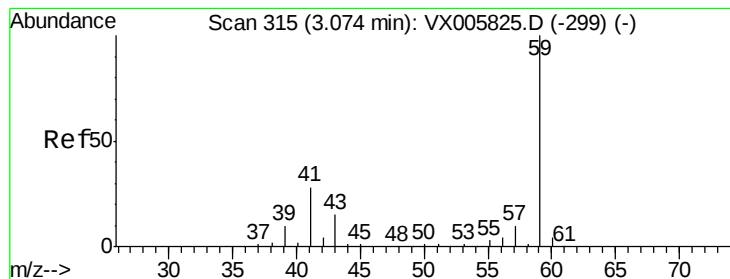
#10
 Methyl Iodide
 Concen: 49.696 ug/l
 RT: 2.51 min Scan# 222
 Delta R.T. -0.00 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

Tgt Ion:142 Resp: 63227
 Ion Ratio Lower Upper
 142 100
 127 41.7 36.0 54.0
 141 13.8 11.7 17.5



Abundance Ion 141.80 (141.50 to 142.50): V
 Ion 126.80 (126.50 to 127.50): V
 Ion 140.80 (140.50 to 141.50): V



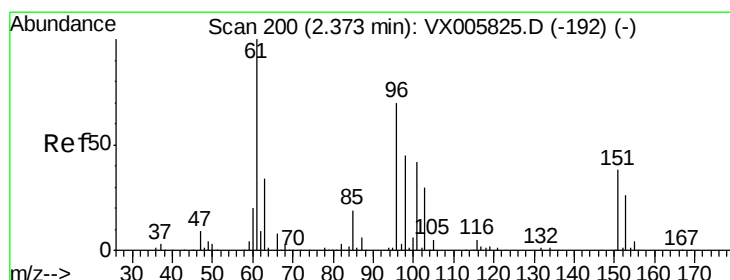
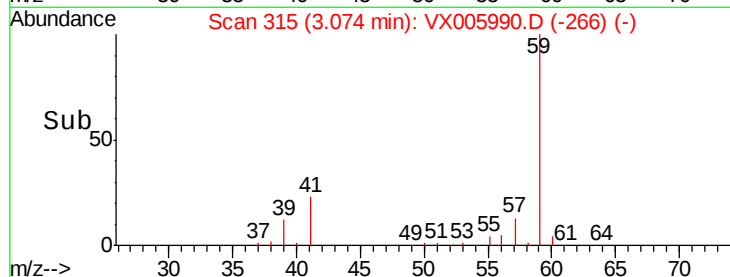
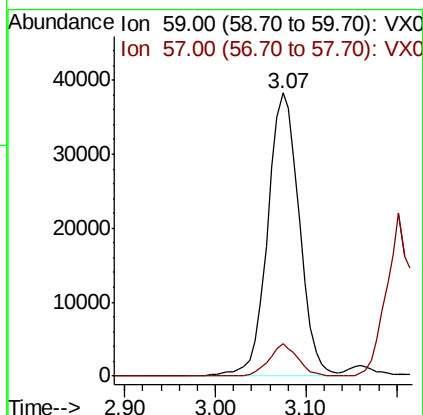
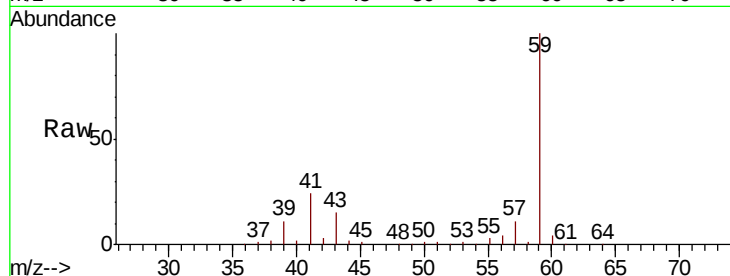


#11

Tert butyl alcohol
 Concen: 242.747 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.00 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

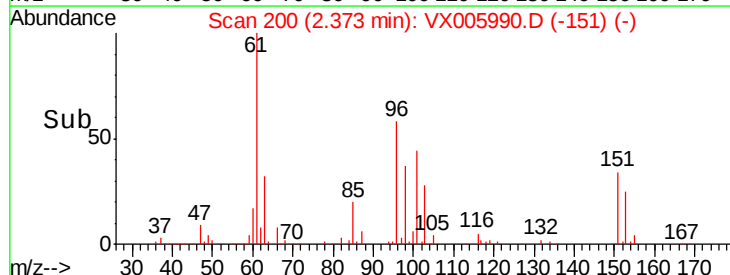
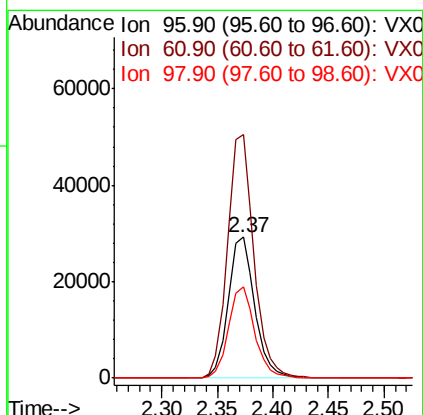
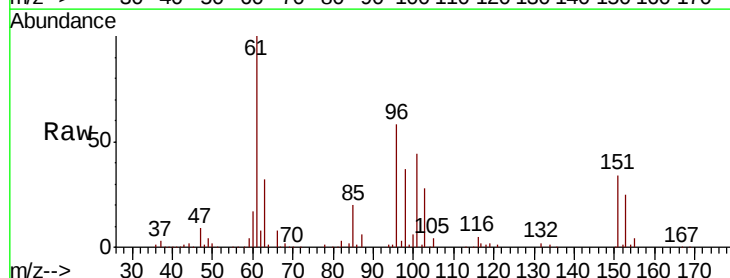
Tot Ion: 59 Resp: 92541
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.5 12.7

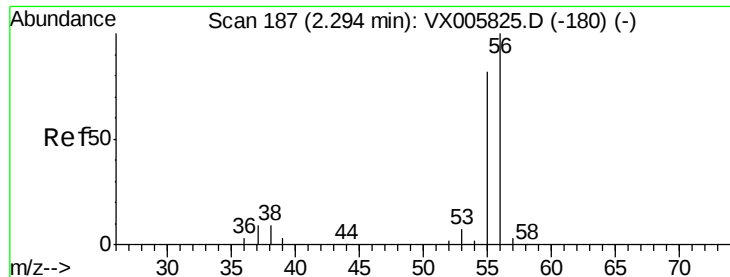


#12

1,1-Dichloroethene
 Concen: 46.924 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

Tgt Ion: 96 Resp: 48011
 Ion Ratio Lower Upper
 96 100
 61 173.1 131.8 197.8
 98 64.8 53.4 80.2





#13

Acrolein

Concen: 295.732 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

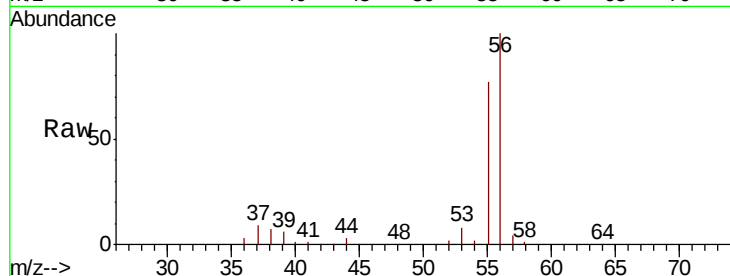
VSTDCCC050

Tot Ion: 56 Resp: 54446

Ion Ratio Lower Upper

56 100

55 71.2 57.3 85.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

40000

30000

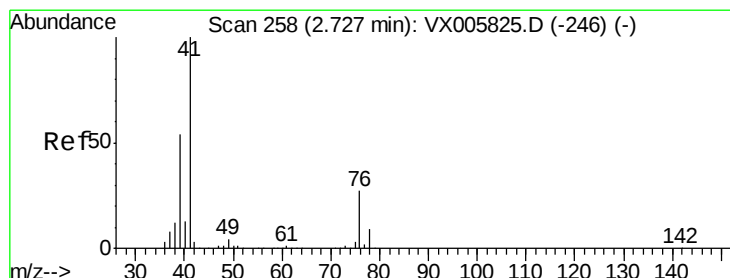
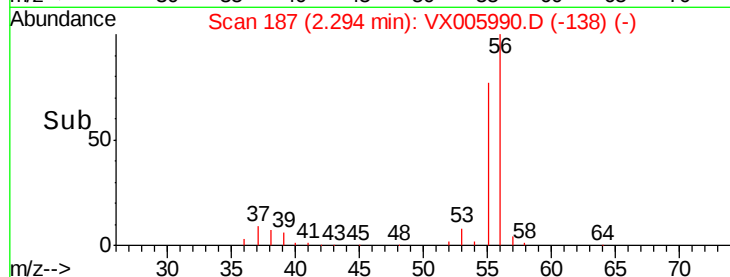
20000

10000

0

Time-->

2.20 2.30 2.40



#14

Allyl chloride

Concen: 48.867 ug/l

RT: 2.73 min Scan# 258

Delta R.T. -0.00 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

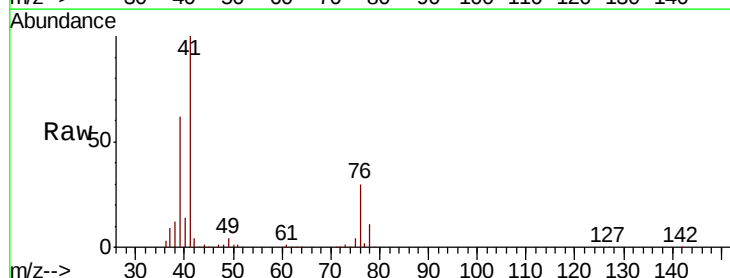
Tgt Ion: 41 Resp: 111670

Ion Ratio Lower Upper

41 100

39 59.7 48.2 72.4

76 29.8 21.9 32.9



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

80000

60000

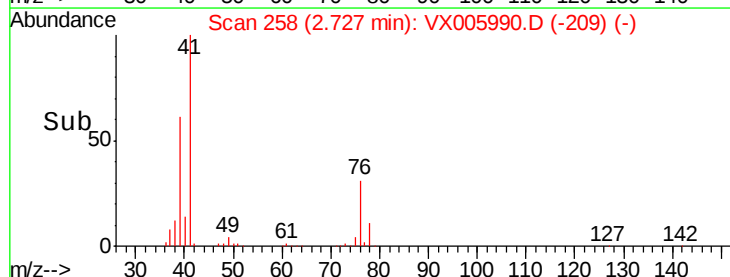
40000

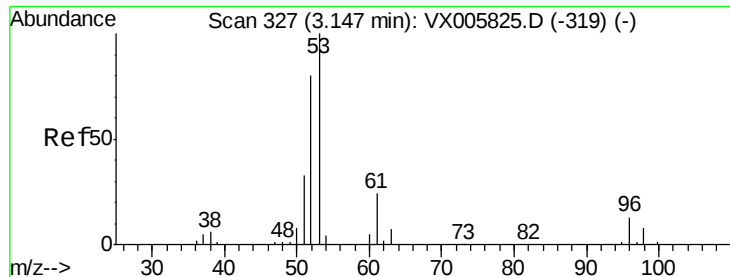
20000

0

Time-->

2.60 2.70 2.80

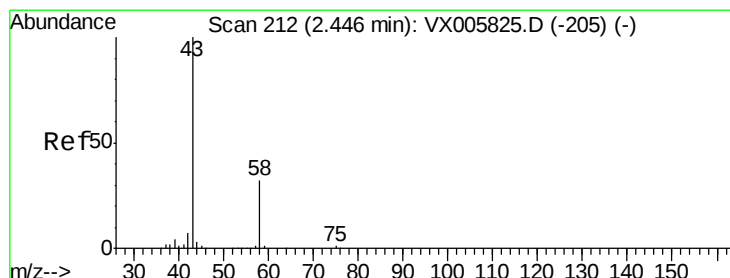
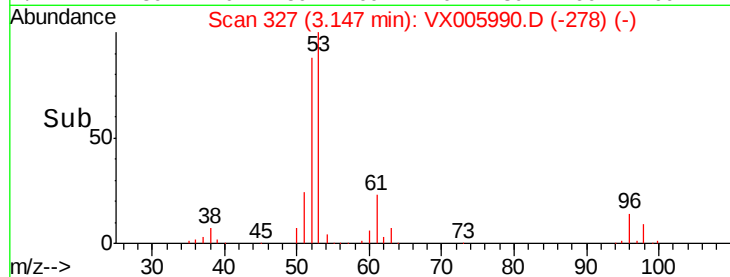
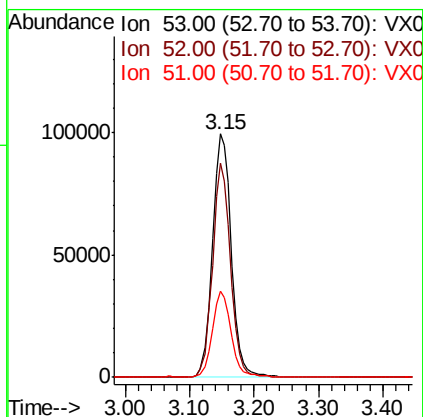
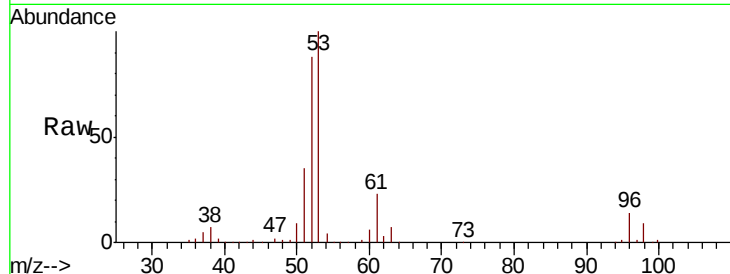




#15
 Acrylonitrile
 Concen: 258.405 ug/l
 RT: 3.15 min Scan# 327
 Delta R.T. -0.00 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

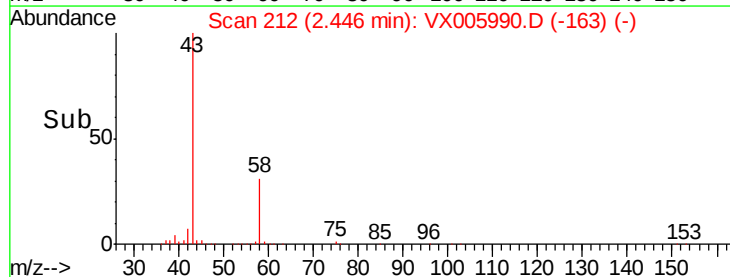
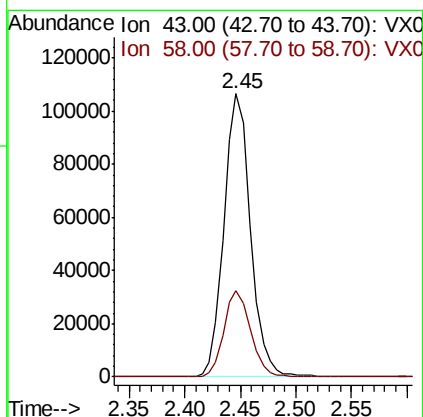
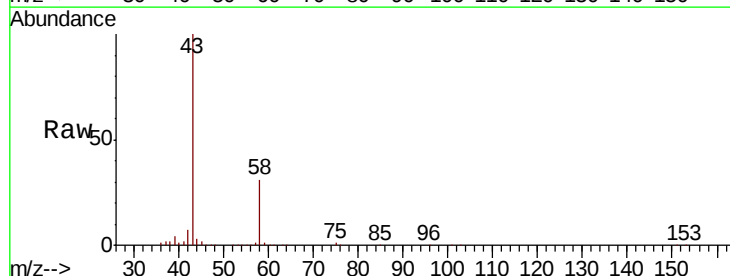
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

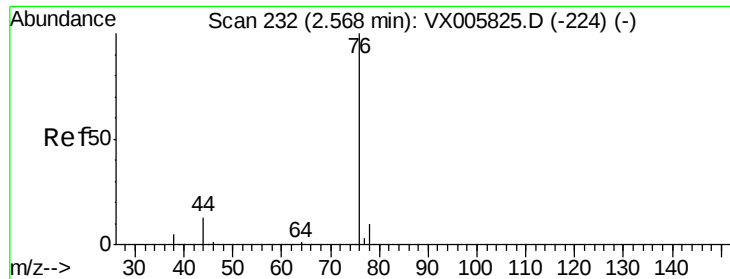
Tot Ion: 53 Resp: 204151
 Ion Ratio Lower Upper
 53 100
 52 84.2 66.6 99.8
 51 35.4 28.4 42.6



#16
 Acetone
 Concen: 244.733 ug/l
 RT: 2.45 min Scan# 212
 Delta R.T. -0.00 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

Tgt Ion: 43 Resp: 175358
 Ion Ratio Lower Upper
 43 100
 58 30.7 23.8 35.6

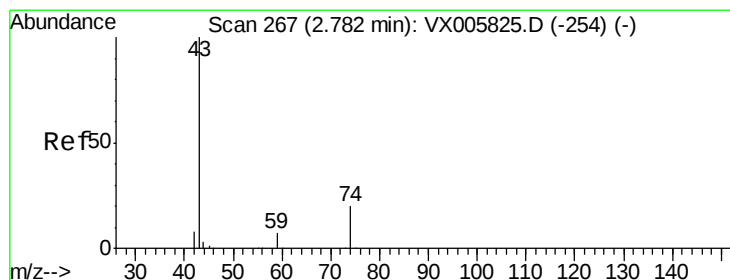
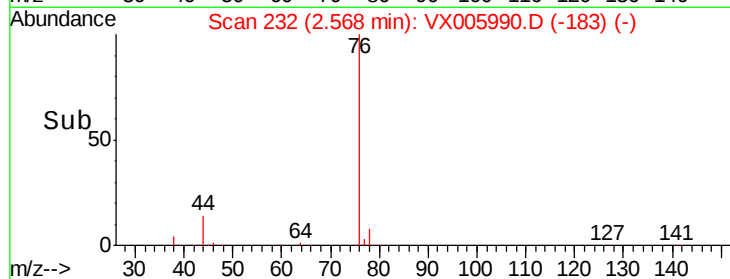
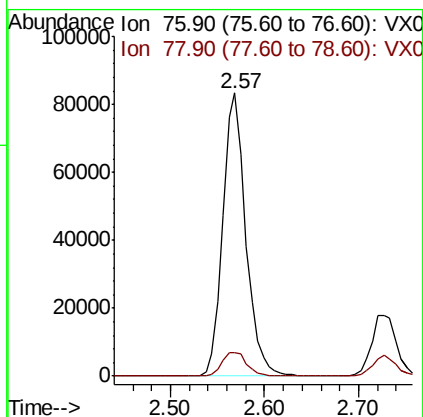
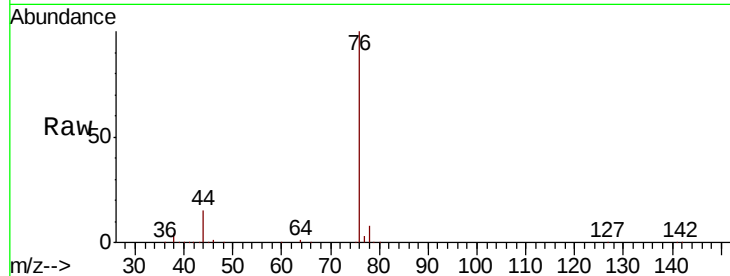




#17
Carbon Disulfide
Concen: 46.218 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

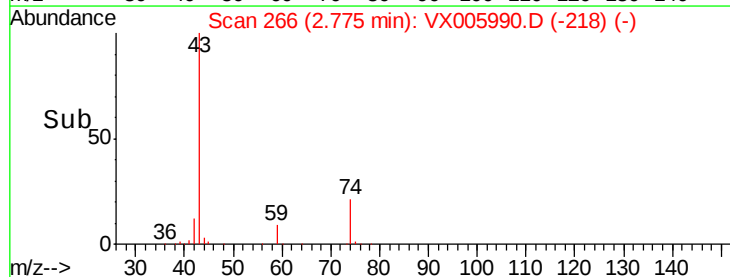
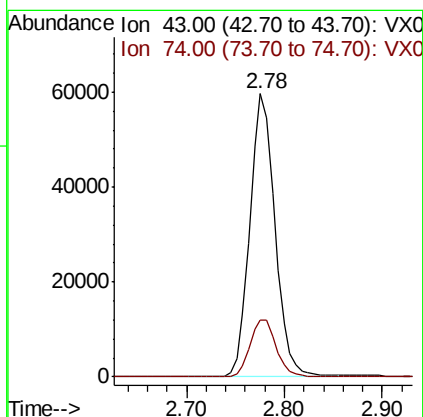
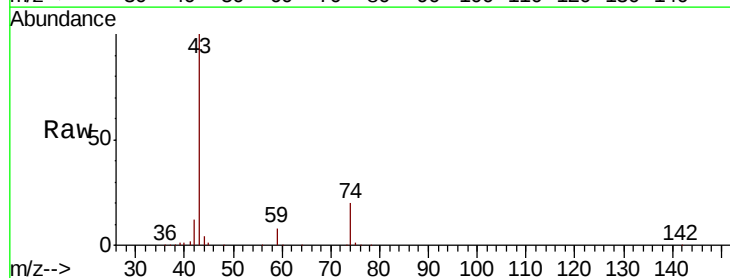
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

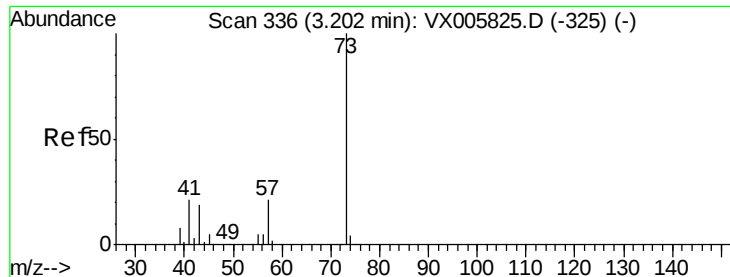
Tot Ion: 76 Resp: 141055
Ion Ratio Lower Upper
76 100
78 8.3 7.3 10.9



#18
Methyl Acetate
Concen: 55.858 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

Tgt Ion: 43 Resp: 106925
Ion Ratio Lower Upper
43 100
74 21.3 16.8 25.2

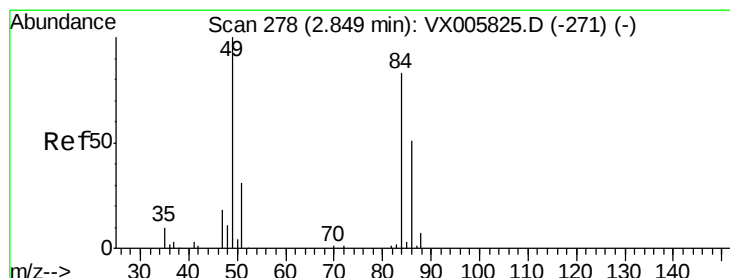
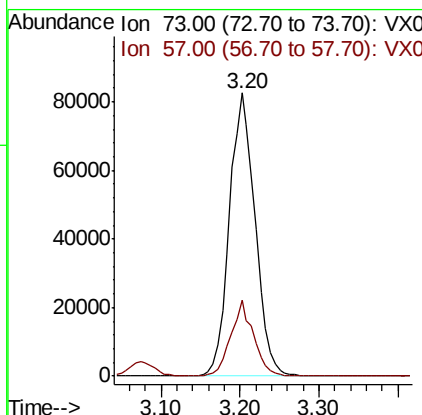
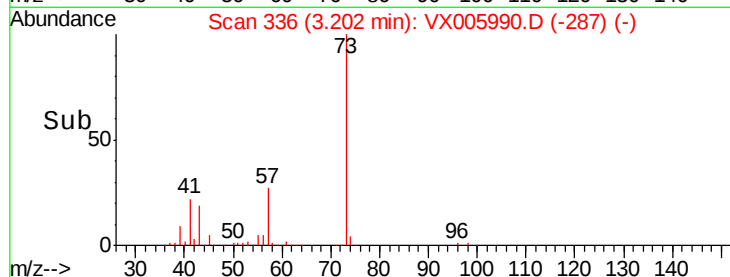
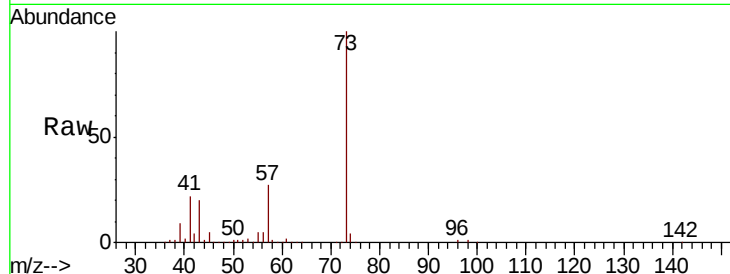




#19
Methyl tert-butyl Ether
Concen: 53.570 ug/l
RT: 3.20 min Scan# 336
Delta R.T. -0.00 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

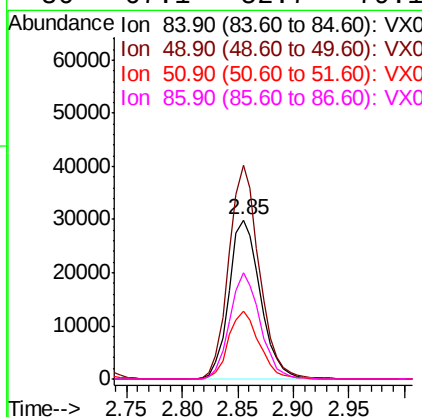
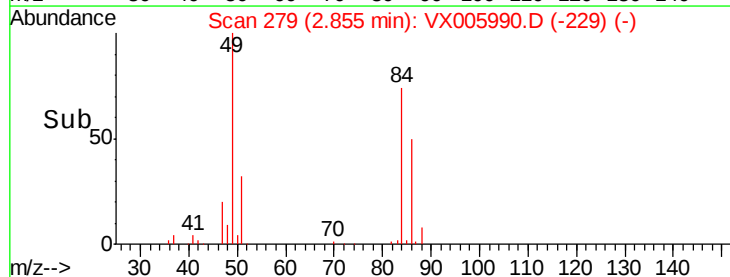
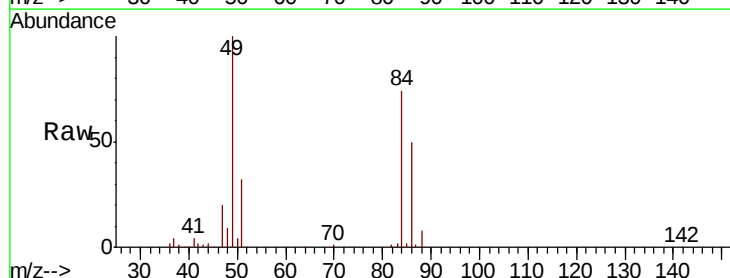
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

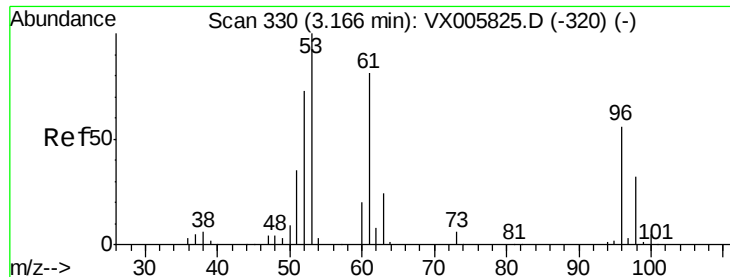
Tot Ion: 73 Resp: 187074
Ion Ratio Lower Upper
73 100
57 26.8 18.8 28.2



#20
Methylene Chloride
Concen: 49.542 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.01 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

Tgt Ion: 84 Resp: 58312
Ion Ratio Lower Upper
84 100
49 134.5 109.5 164.3
51 42.7 33.3 49.9
86 67.1 52.7 79.1





#21

trans-1,2-Dichloroethene

Concen: 49.887 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

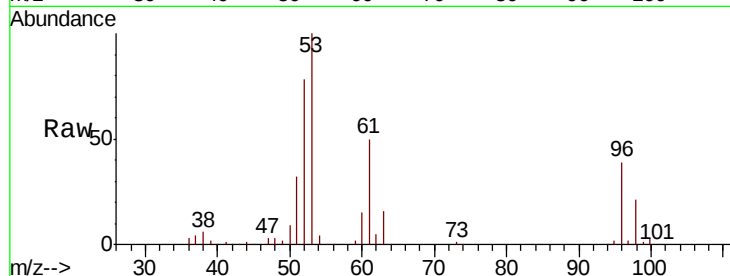
Tot Ion: 96 Resp: 53838

Ion Ratio Lower Upper

96 100

61 128.9 115.6 173.4

98 54.0 50.2 75.2

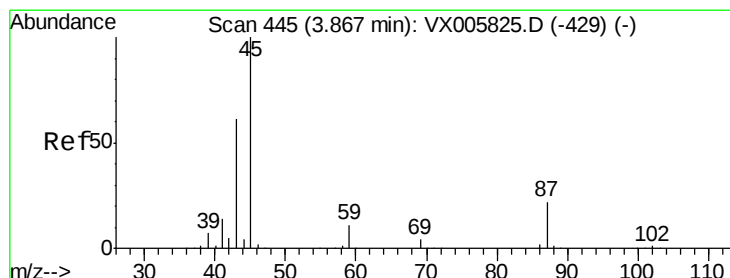
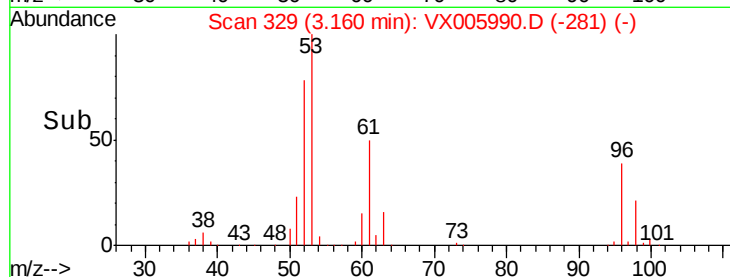
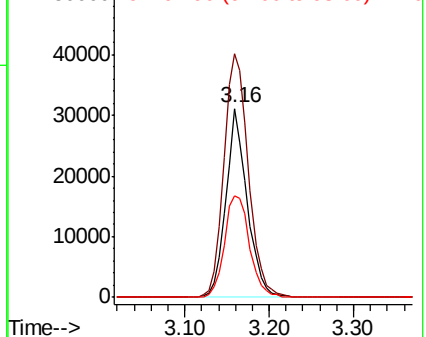


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 53.565 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

Tgt Ion: 45 Resp: 214426

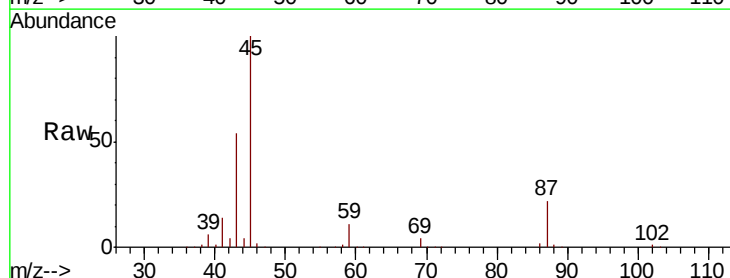
Ion Ratio Lower Upper

45 100

43 54.2 47.4 71.2

87 22.3 15.9 23.9

59 11.1 7.7 11.5



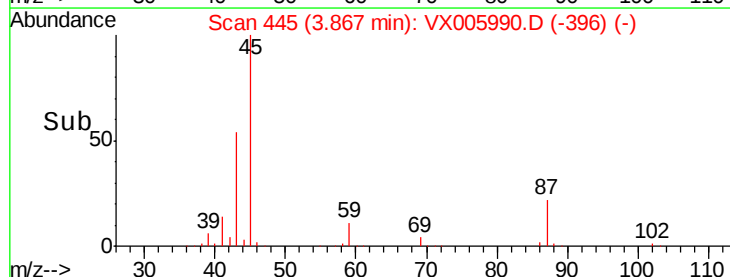
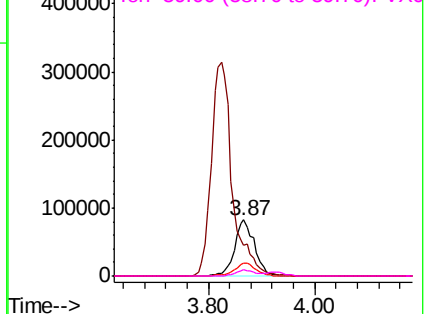
Abundance

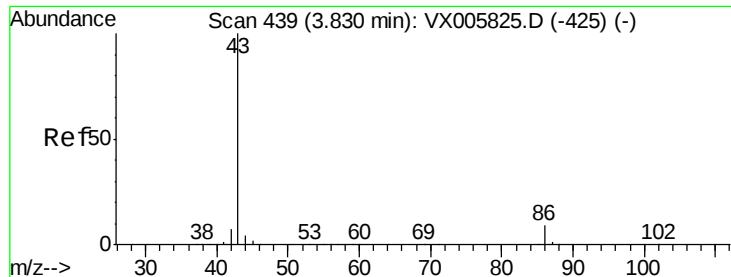
Ion 45.00 (44.70 to 45.70): VX0

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: 249.315 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.01 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

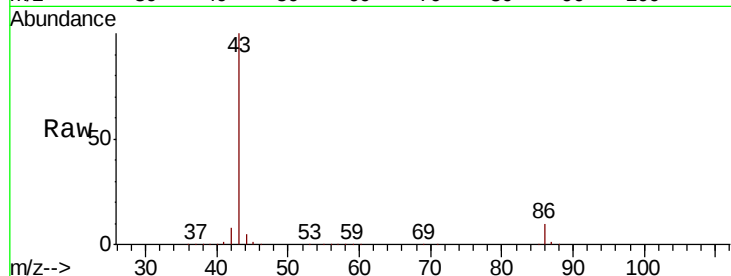
VSTDCCC050

Tot Ion: 43 Resp: 855725

Ion Ratio Lower Upper

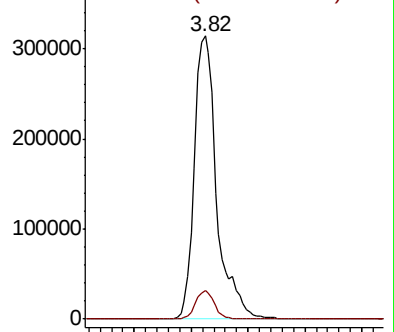
43 100

86 10.0 7.4 11.2

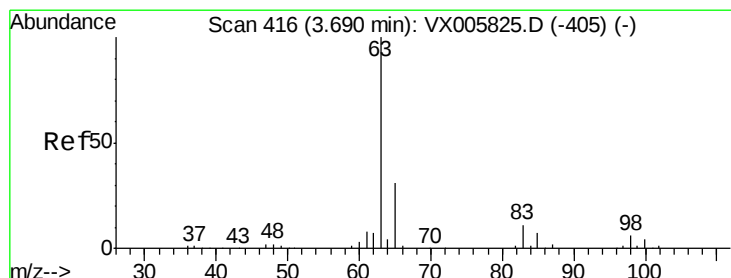
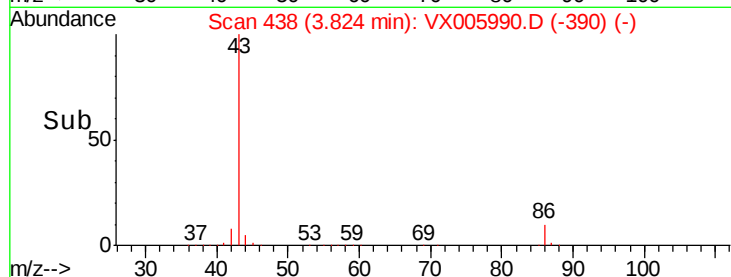


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 50.954 ug/l

RT: 3.70 min Scan# 417

Delta R.T. 0.01 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

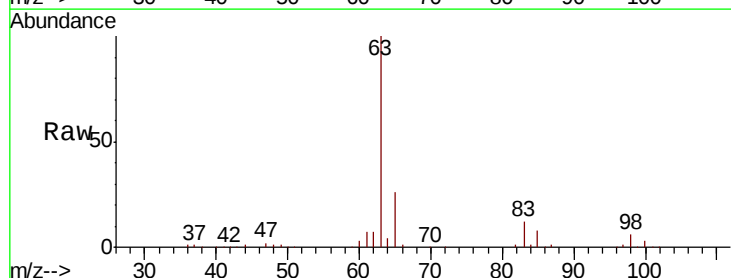
Tgt Ion: 63 Resp: 108824

Ion Ratio Lower Upper

63 100

98 5.6 3.2 9.6

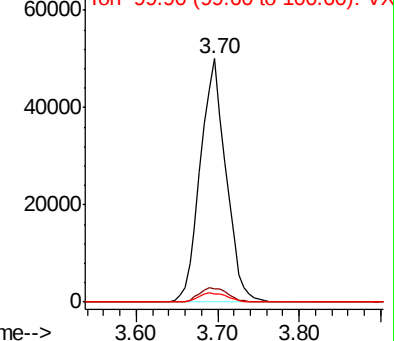
100 3.1 2.1 6.2



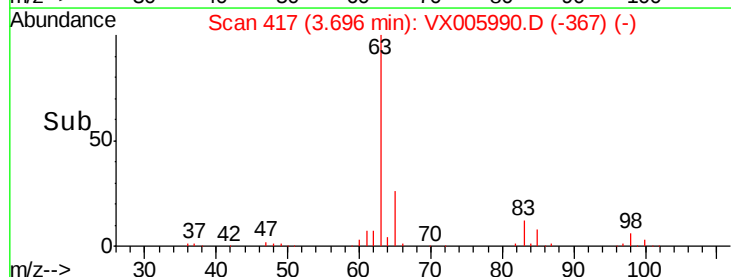
Abundance Ion 62.90 (62.60 to 63.60): VX0

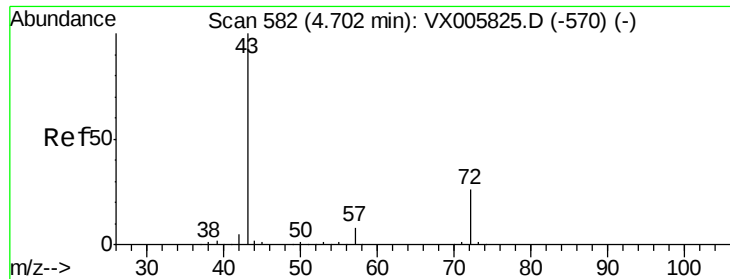
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 250.246 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

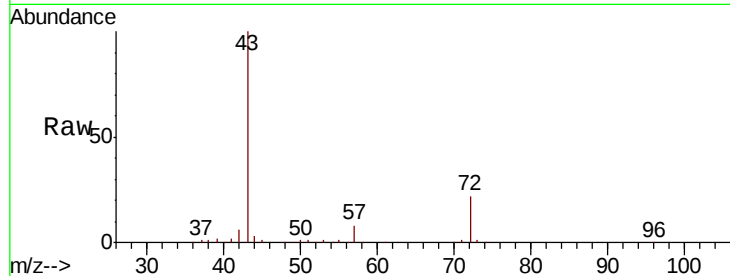
VSTDCCC050

Tot Ion: 43 Resp: 281902

Ion Ratio Lower Upper

43 100

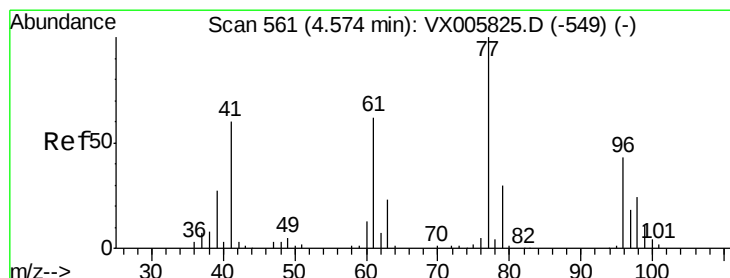
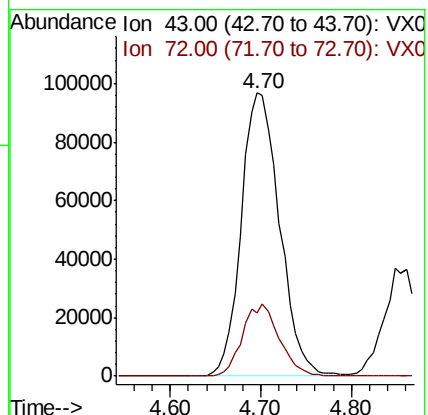
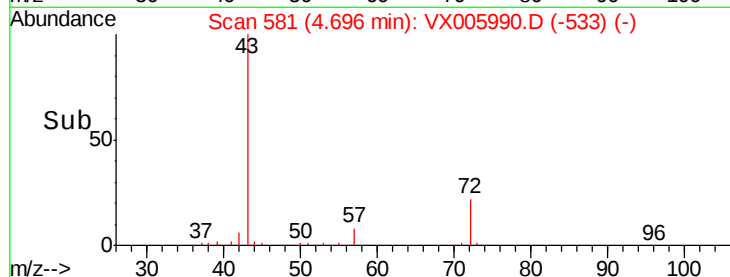
72 22.3 19.2 28.8



Abundance Ion 43.00 (42.70 to 43.70): VX005825.D (-570) (-)

Ion 72.00 (71.70 to 72.70): VX005825.D (-570) (-)

Time-->



#26

2,2-Dichloropropane

Concen: 47.707 ug/l

RT: 4.59 min Scan# 563

Delta R.T. 0.01 min

Lab File: VX005990.D

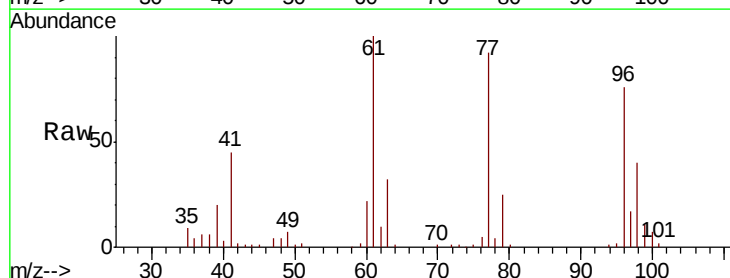
Acq: 14 Nov 2018 22:48

Tgt Ion: 77 Resp: 74741

Ion Ratio Lower Upper

77 100

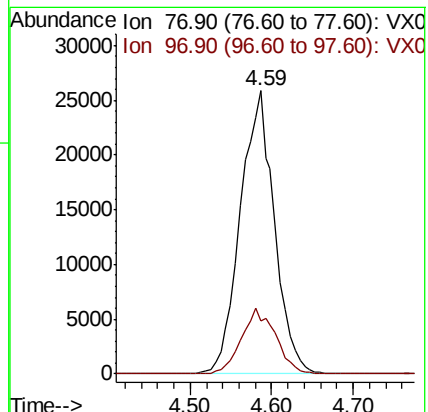
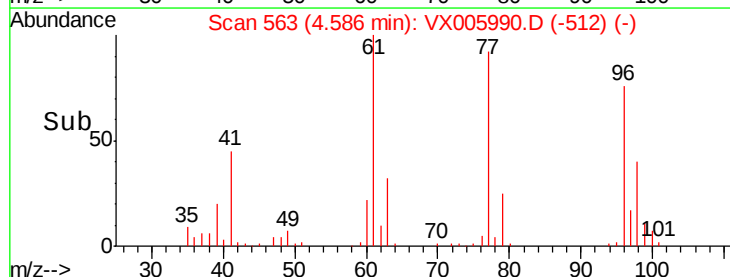
97 23.2 11.5 34.5

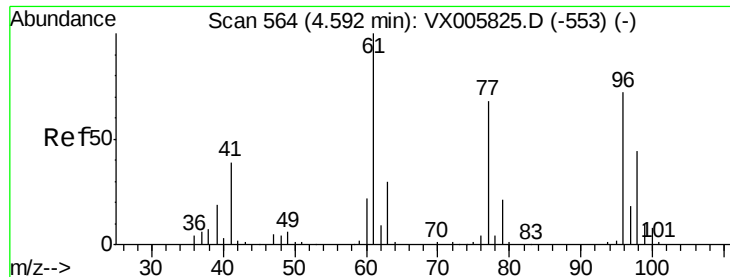


Abundance Ion 76.90 (76.60 to 77.60): VX005825.D (-549) (-)

Ion 96.90 (96.60 to 97.60): VX005825.D (-549) (-)

Time-->

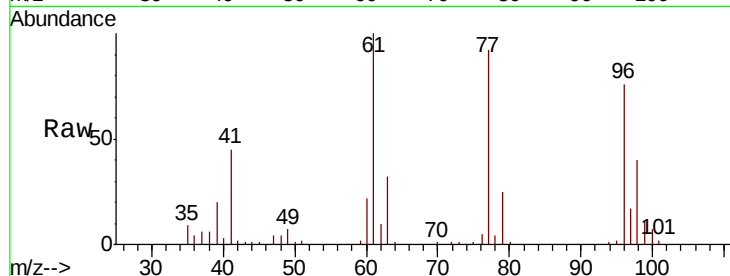




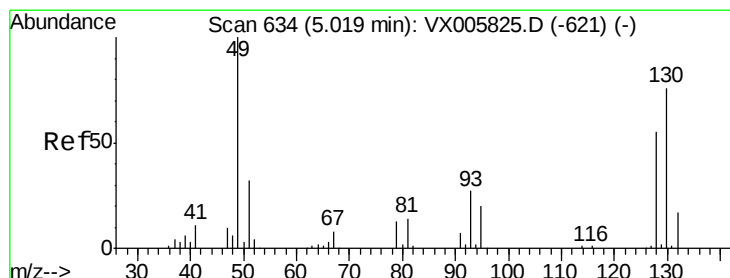
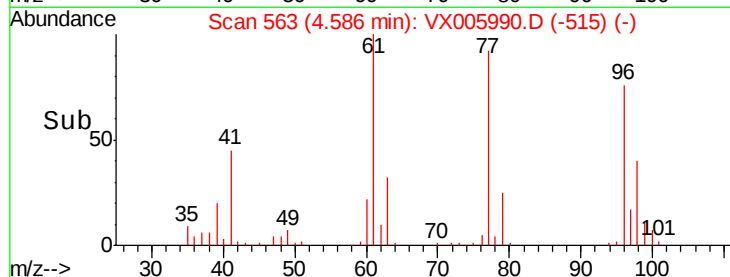
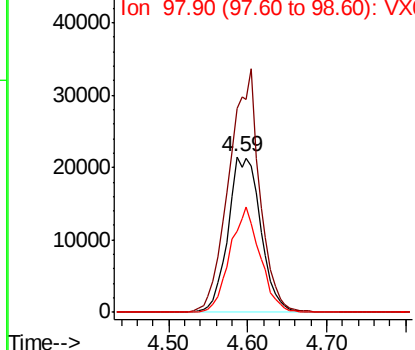
#27
 cis-1,2-Dichloroethene
 Concen: 51.766 ug/l
 RT: 4.59 min Scan# 563
 Delta R.T. -0.01 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 96 Resp: 61686
 Ion Ratio Lower Upper
 96 100
 61 147.7 0.0 304.6
 98 62.6 0.0 127.4

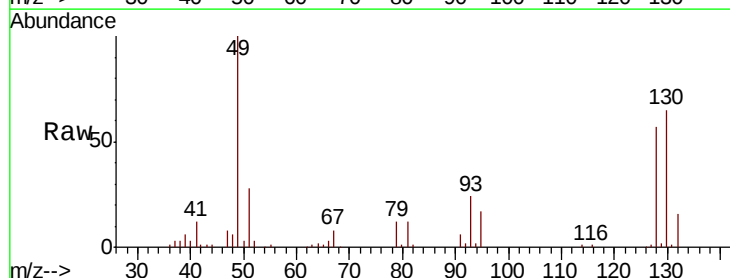


Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0

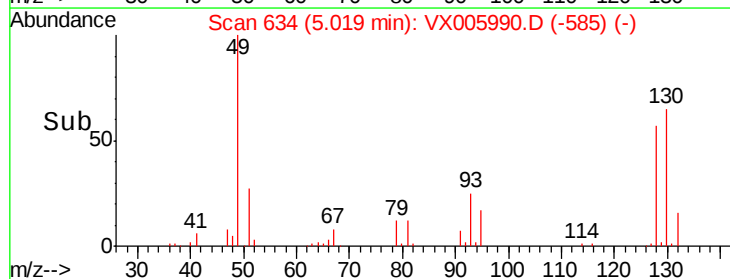
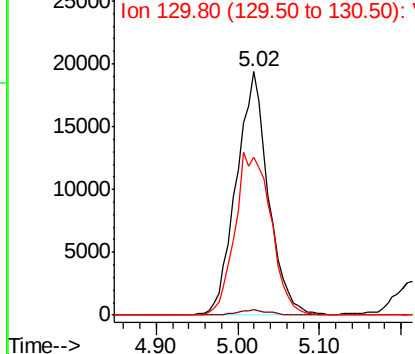


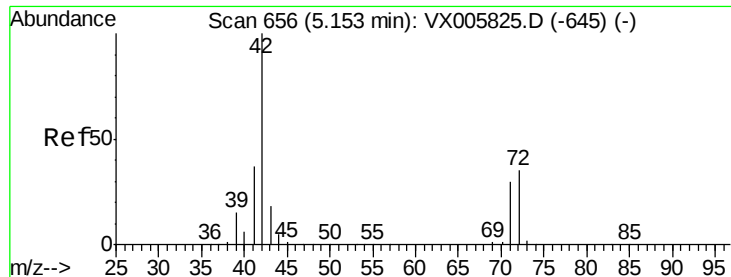
#28
 Bromochloromethane
 Concen: 55.134 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

Tgt Ion: 49 Resp: 52625
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 75.0 58.9 88.3



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

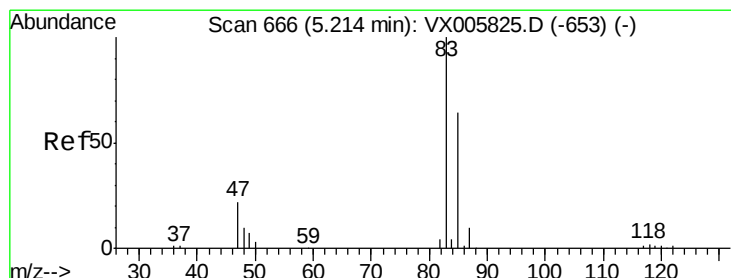
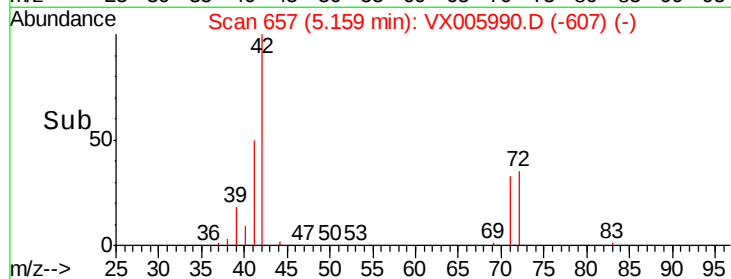
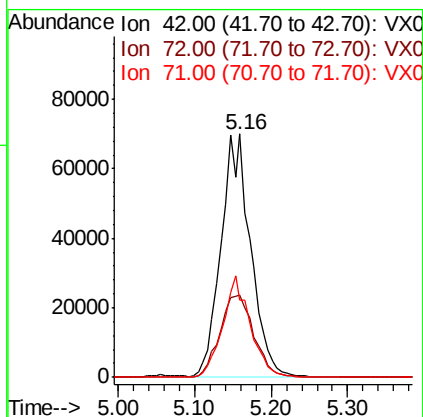
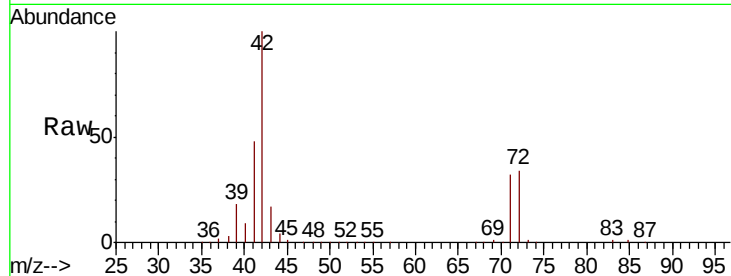




#29
Tetrahydrofuran
Concen: 259.156 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.01 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

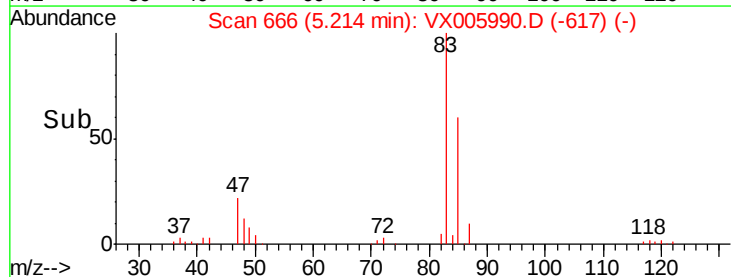
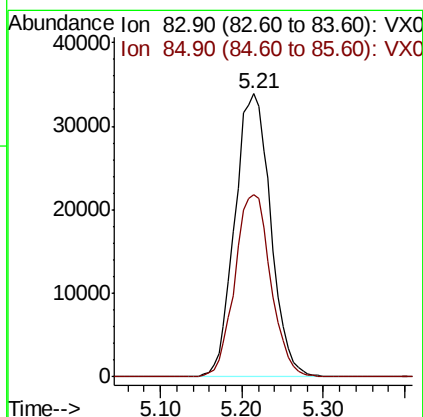
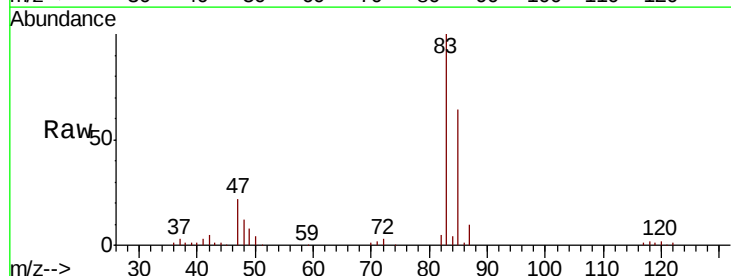
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

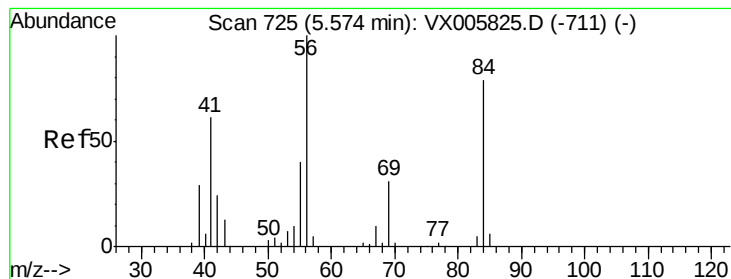
Tot Ion: 42 Resp: 187447
Ion Ratio Lower Upper
42 100
72 39.0 32.0 48.0
71 38.7 29.8 44.8



#30
Chloroform
Concen: 50.168 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

Tgt Ion: 83 Resp: 103370
Ion Ratio Lower Upper
83 100
85 64.3 50.6 76.0





#31

Cyclohexane

Concen: 48.539 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

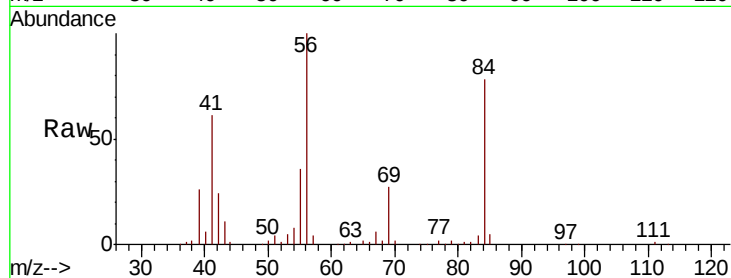
Tot Ion: 56 Resp: 89987

Ion Ratio Lower Upper

56 100

69 26.7 22.6 34.0

84 76.0 62.7 94.1

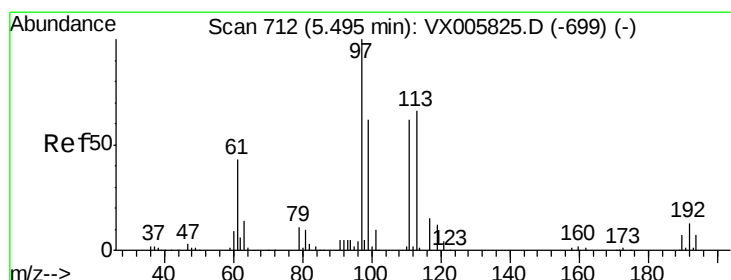
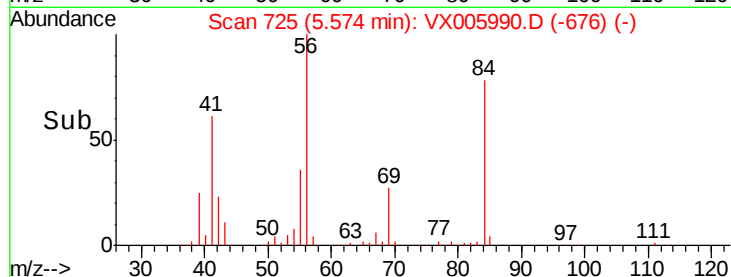
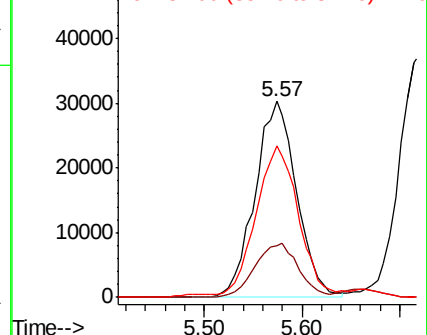


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 49.479 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

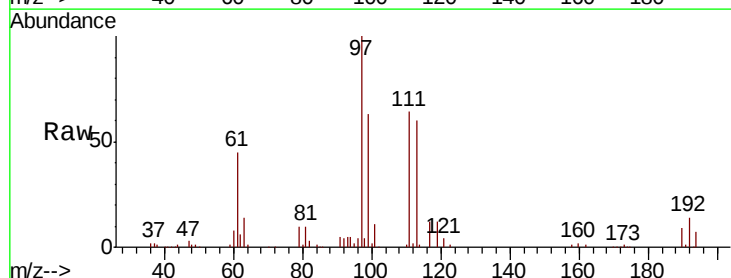
Tgt Ion: 97 Resp: 85038

Ion Ratio Lower Upper

97 100

99 63.5 52.3 78.5

61 45.0 35.2 52.8

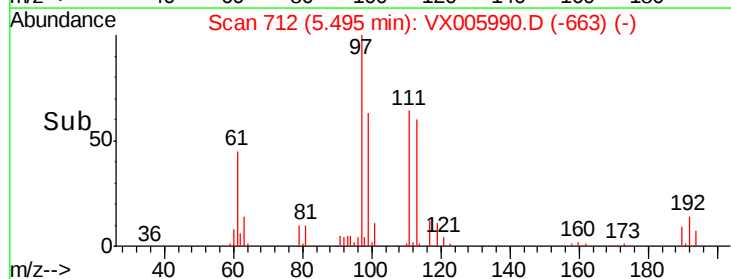
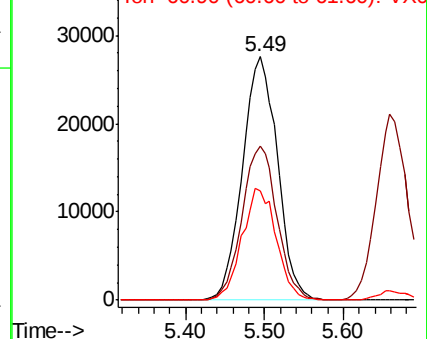


Abundance

Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

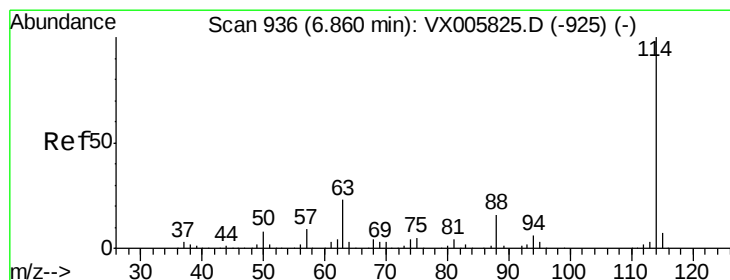
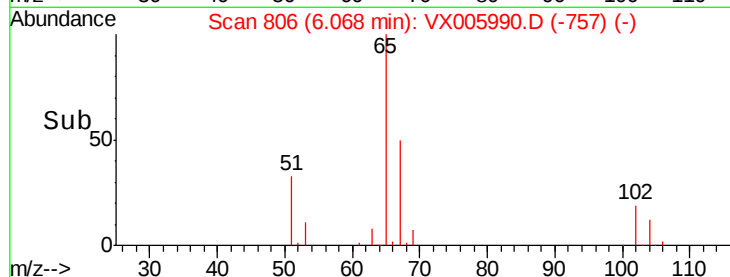
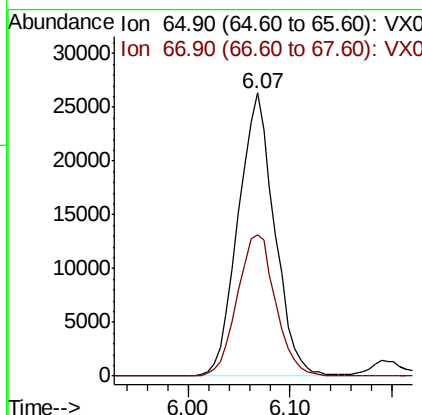
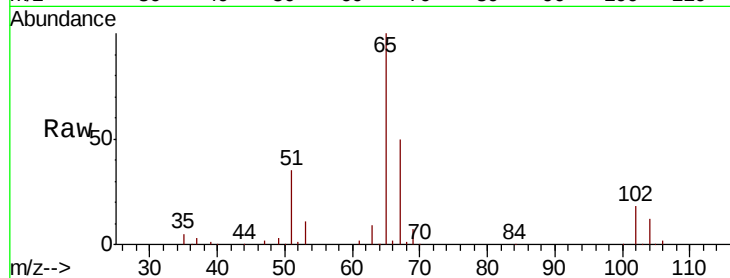




#33
 1,2-Dichloroethane-d4
 Concen: 49.048 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

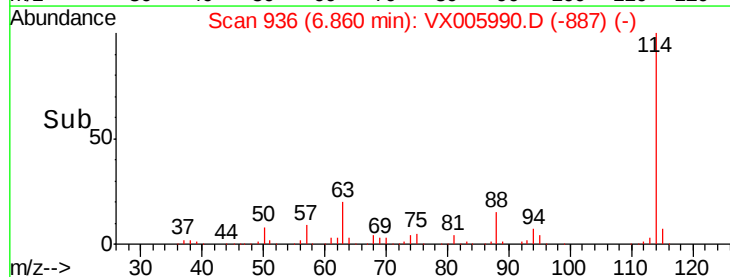
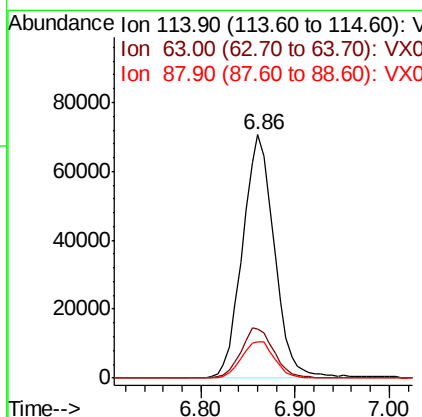
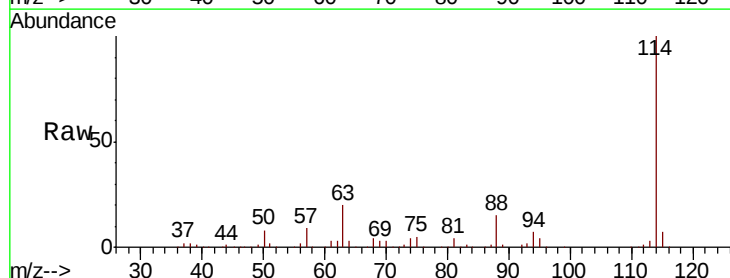
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

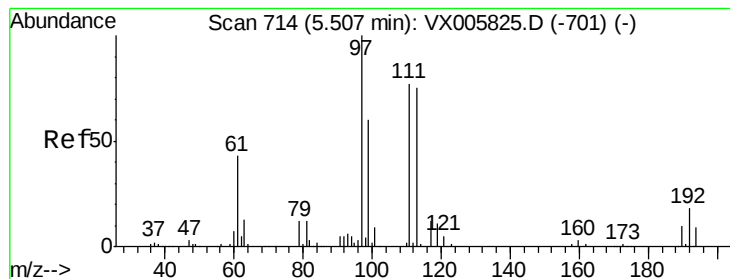
Tot Ion: 65 Resp: 65273
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 105.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

Tgt Ion: 114 Resp: 165761
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 42.8
 88 14.9 0.0 31.2





#35

Dibromofluoromethane

Concen: 46.676 ug/l

RT: 5.51 min Scan# 714

Delta R.T. -0.00 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

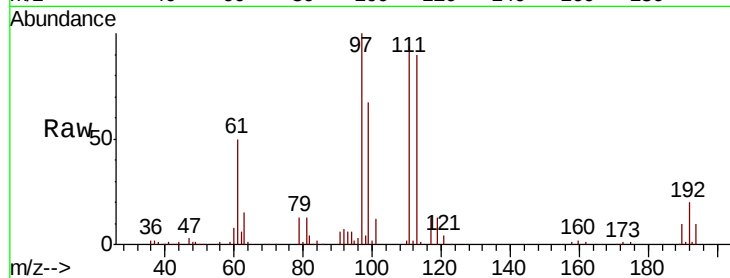
Tot Ion:113 Resp: 52624

Ion Ratio Lower Upper

113 100

111 104.7 82.3 123.5

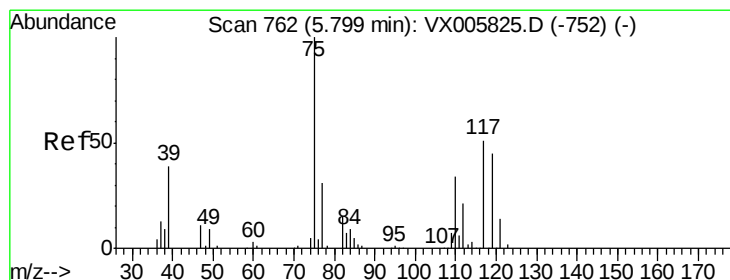
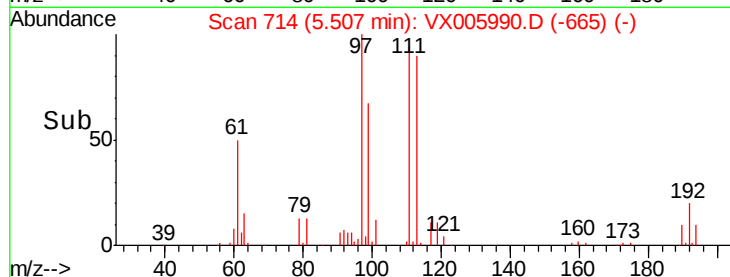
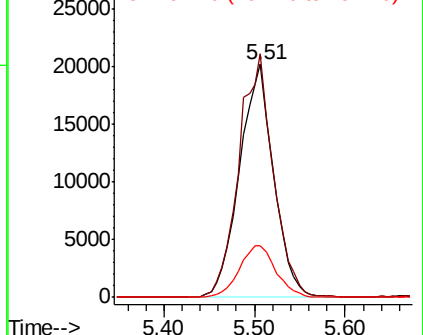
192 23.6 17.9 26.9



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 45.178 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

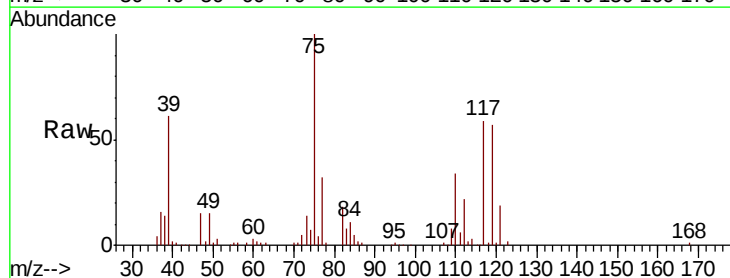
Tgt Ion: 75 Resp: 72194

Ion Ratio Lower Upper

75 100

110 36.9 17.4 52.2

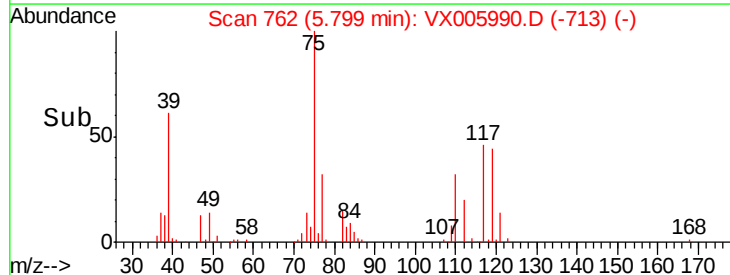
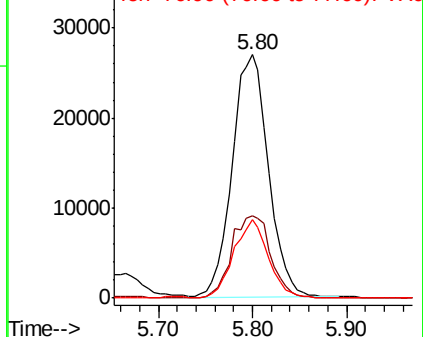
77 31.3 25.8 38.6

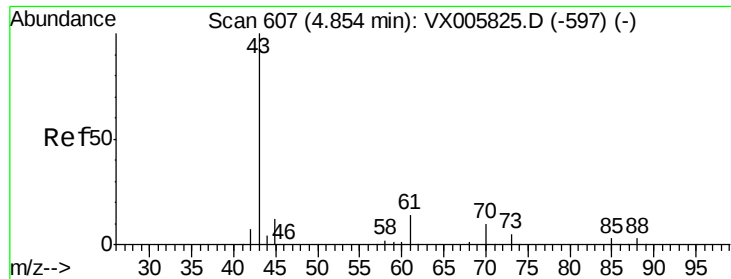


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

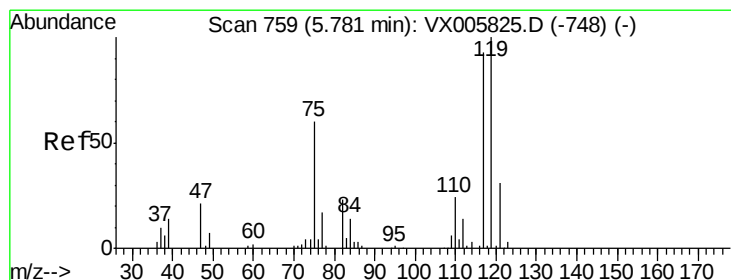
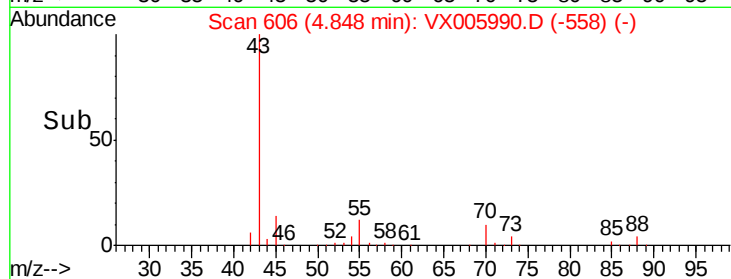
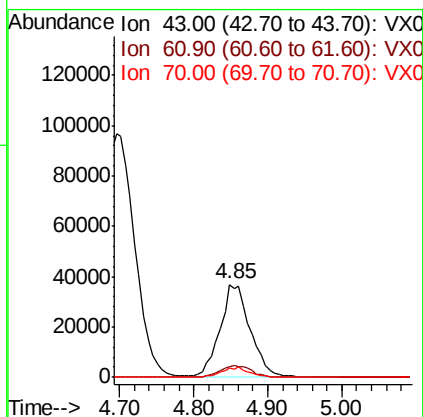
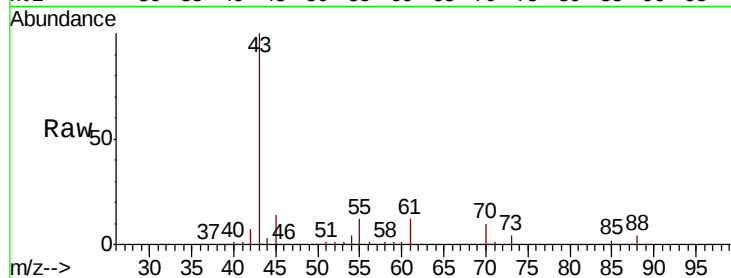




#37
Ethyl Acetate
Concen: 49.672 ug/l
RT: 4.85 min Scan# 606
Delta R.T. -0.01 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

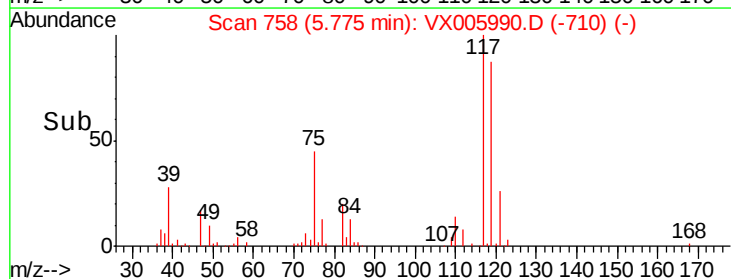
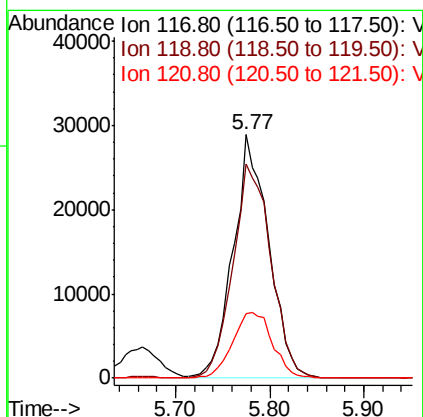
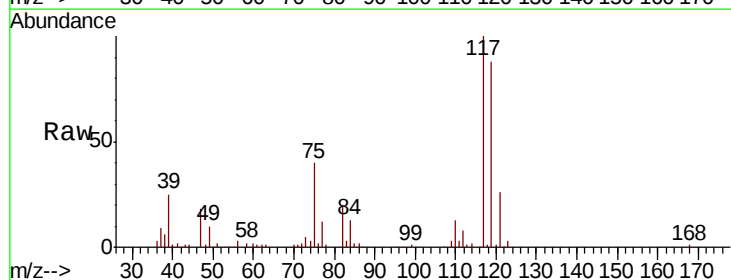
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

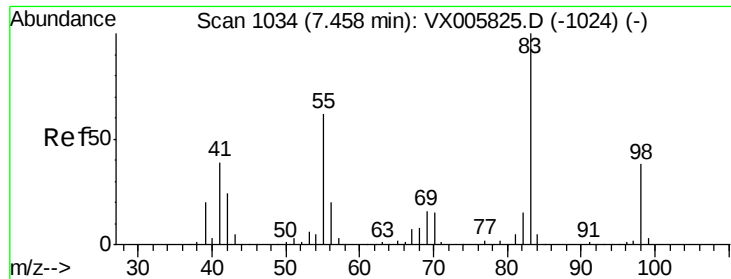
Tot Ion: 43 Resp: 104380
Ion Ratio Lower Upper
43 100
61 13.6 10.8 16.2
70 10.1 7.8 11.8



#38
Carbon Tetrachloride
Concen: 47.504 ug/l
RT: 5.77 min Scan# 758
Delta R.T. -0.01 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

Tgt Ion: 117 Resp: 75994
Ion Ratio Lower Upper
117 100
119 88.1 78.1 117.1
121 26.3 24.6 36.8

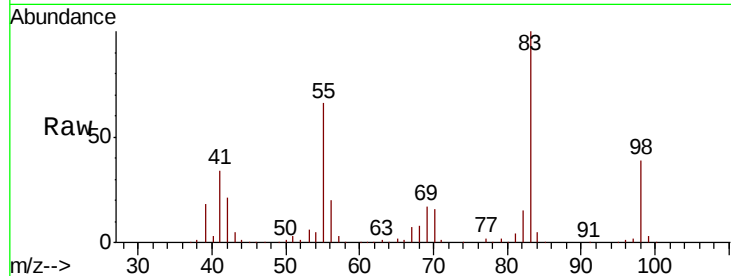




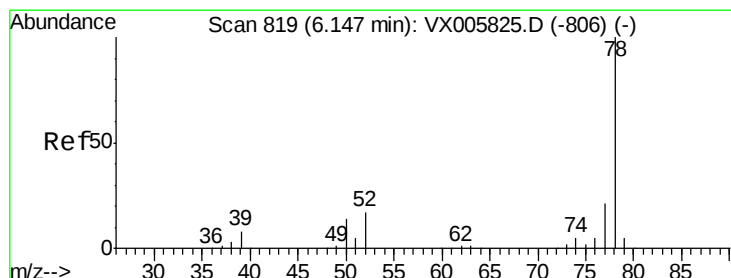
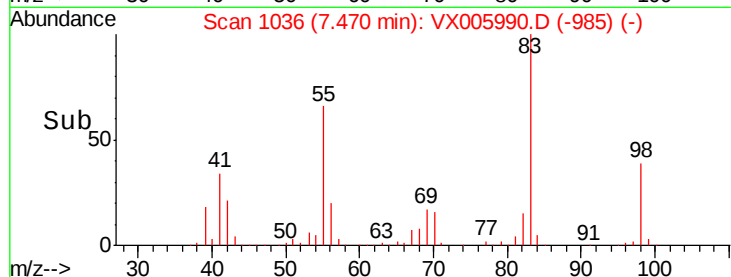
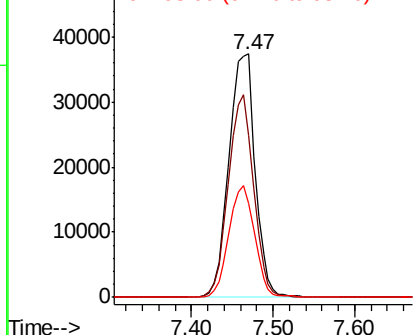
#39
Methvlcvclohexane
Concen: 51.225 ug/l
RT: 7.47 min Scan# 1036
Delta R.T. 0.01 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 83 Resp: 82964
Ion Ratio Lower Upper
83 100
55 66.5 63.7 95.5
98 38.5 36.2 54.2

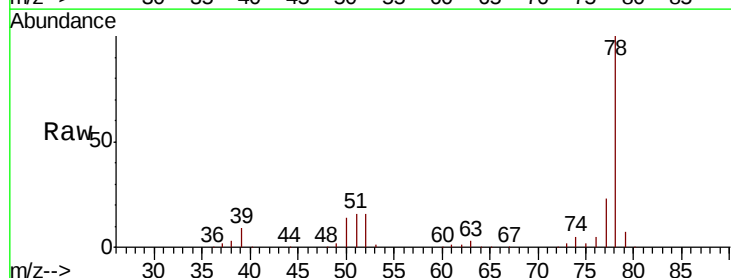


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

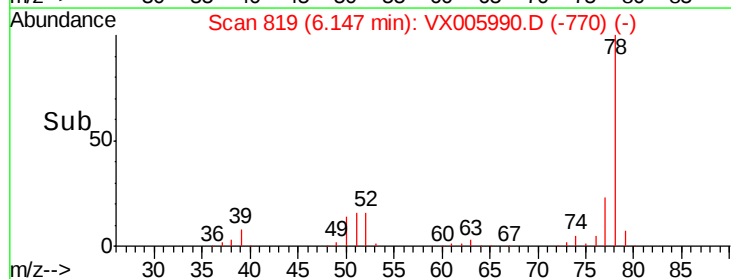
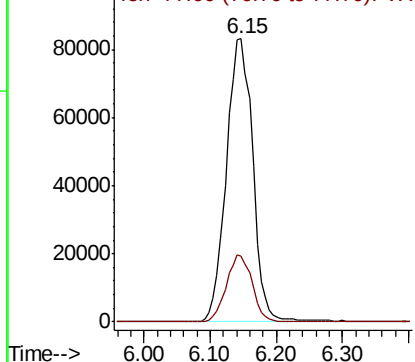


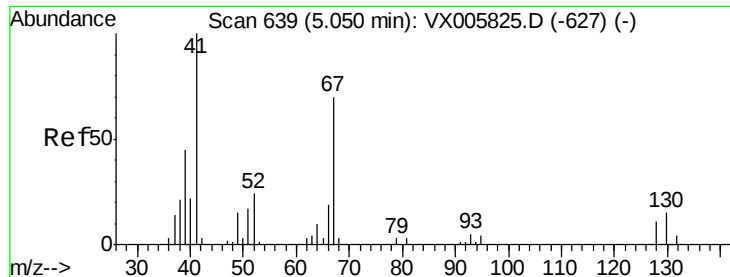
#40
Benzene
Concen: 49.373 ug/l
RT: 6.15 min Scan# 819
Delta R.T. -0.00 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

Tgt Ion: 78 Resp: 230001
Ion Ratio Lower Upper
78 100
77 23.1 18.4 27.6



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

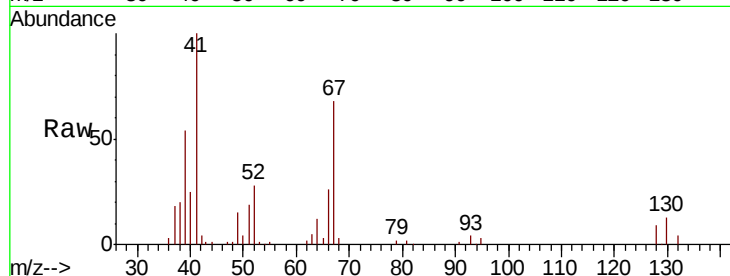




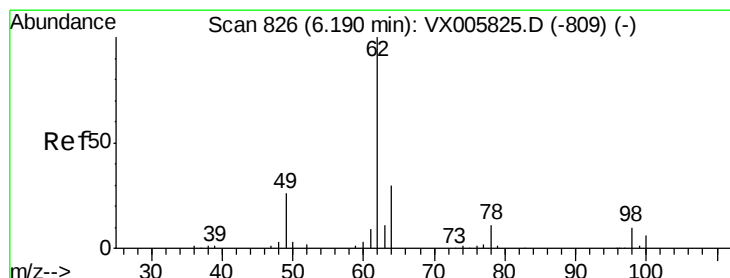
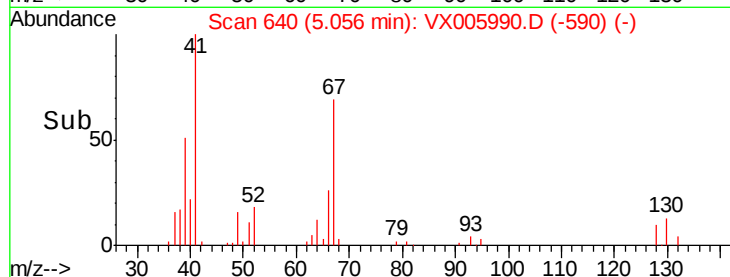
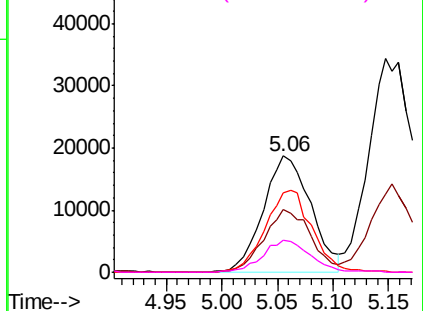
#41
Methacrylonitrile
Concen: 48.860 ug/l
RT: 5.06 min Scan# 640
Delta R.T. 0.01 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:	41	Resp:	55479
Ion	Ratio	Lower	Upper
41	100		
39	53.4	42.2	63.2
67	69.3	53.4	80.0
52	27.4	23.4	35.2

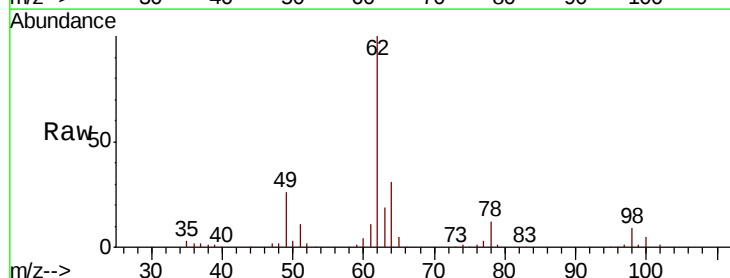


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

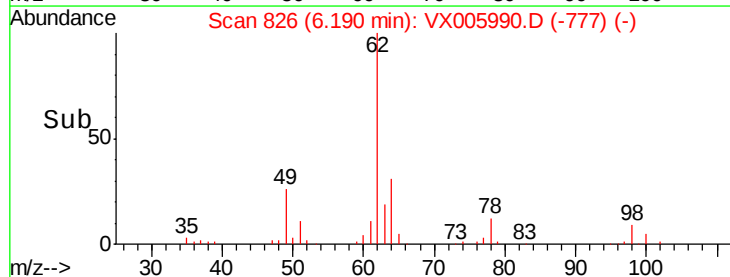
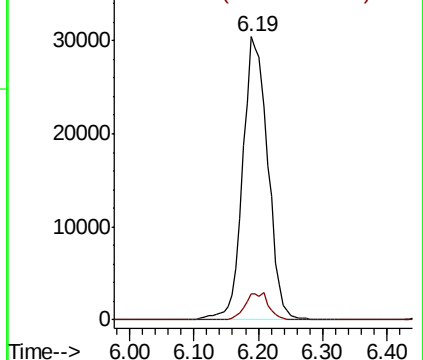


#42
1,2-Dichloroethane
Concen: 48.597 ug/l
RT: 6.19 min Scan# 826
Delta R.T. -0.00 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

Tgt Ion:	62	Resp:	81086
Ion	Ratio	Lower	Upper
62	100		
98	9.0	0.0	17.8



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

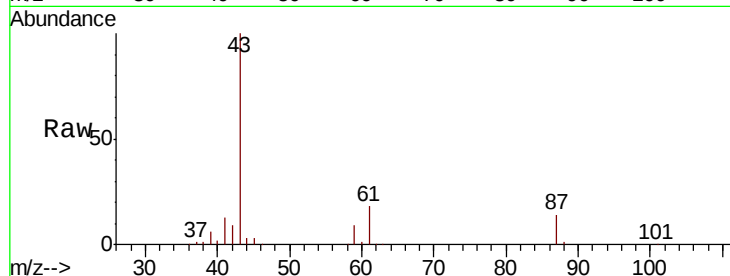




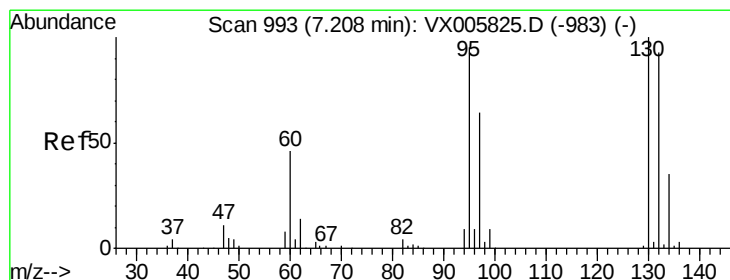
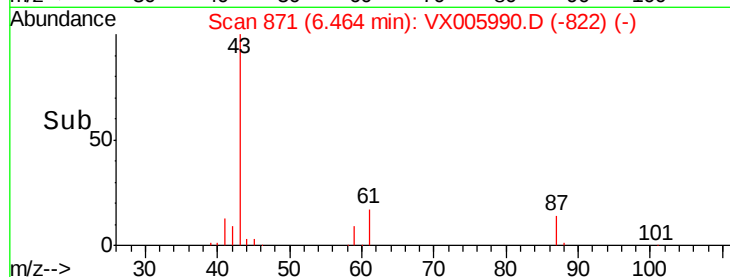
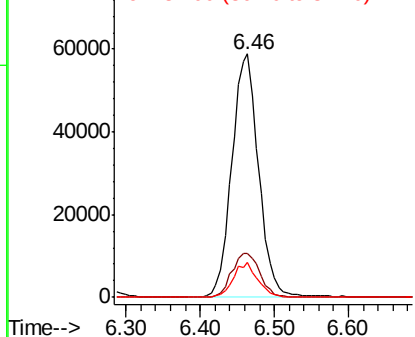
#43
Isopropyl Acetate
Concen: 48.670 ug/l
RT: 6.46 min Scan# 871
Delta R.T. -0.00 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 43 Resp: 148197
Ion Ratio Lower Upper
43 100
61 19.2 14.6 22.0
87 12.9 9.6 14.4

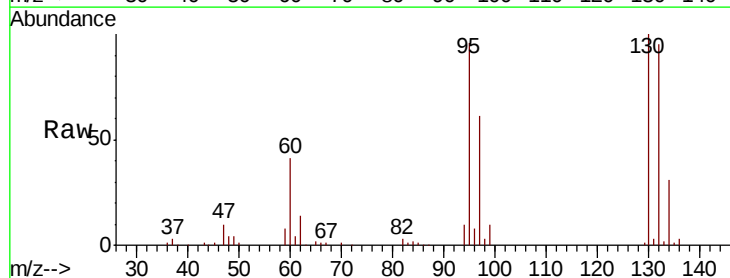


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0

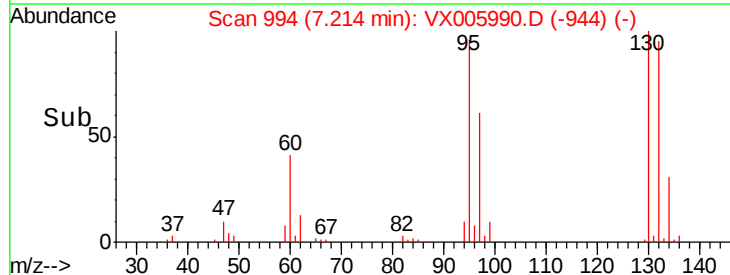
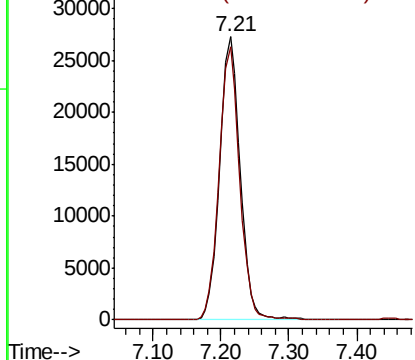


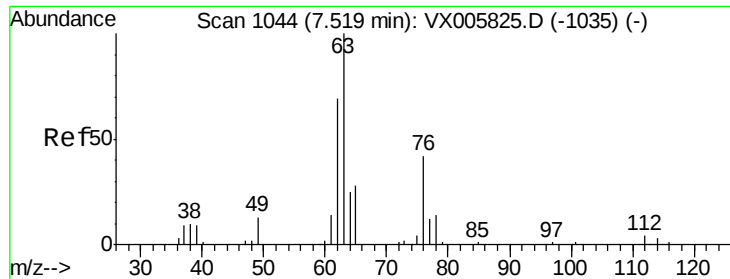
#44
Trichloroethene
Concen: 48.510 ug/l
RT: 7.21 min Scan# 994
Delta R.T. 0.01 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

Tgt Ion:130 Resp: 57389
Ion Ratio Lower Upper
130 100
95 96.4 0.0 194.2



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





#45

1,2-Dichloropropane

Concen: 51.715 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

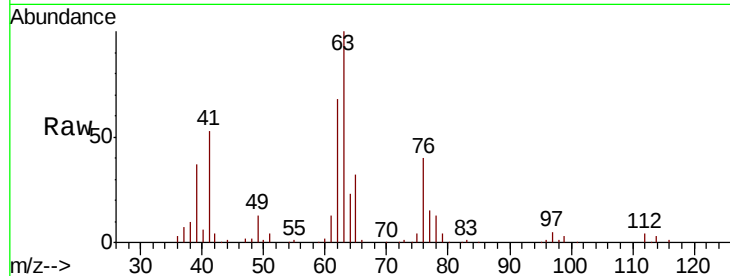
VSTDCCC050

Tot Ion: 63 Resp: 58474

Ion Ratio Lower Upper

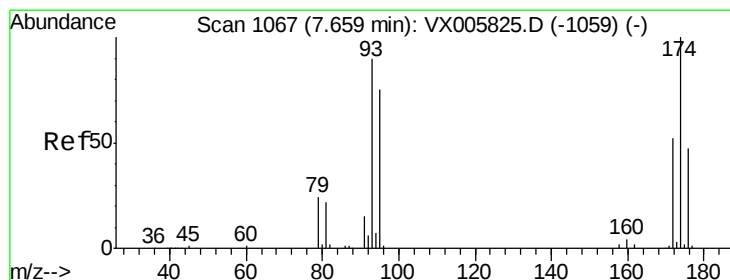
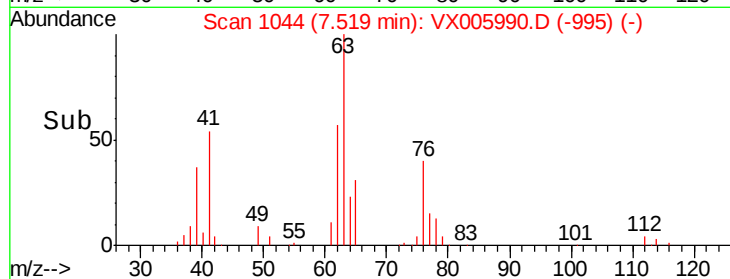
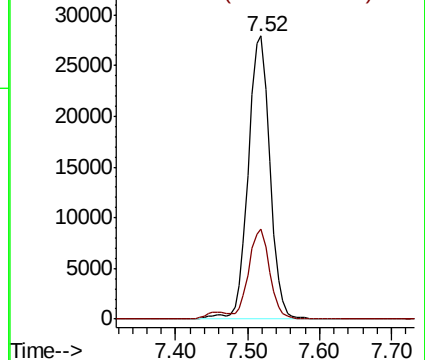
63 100

65 31.8 24.8 37.2



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 52.359 ug/l

RT: 7.66 min Scan# 1067

Delta R.T. -0.00 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

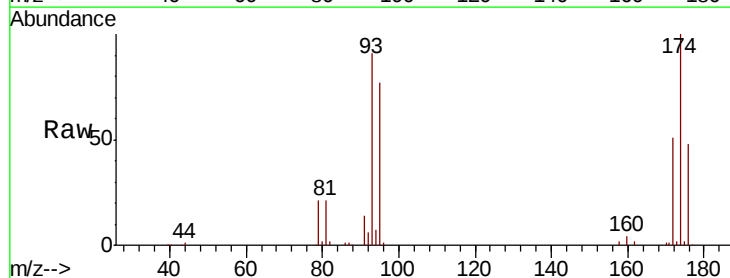
Tgt Ion: 93 Resp: 37150

Ion Ratio Lower Upper

93 100

95 83.1 67.4 101.0

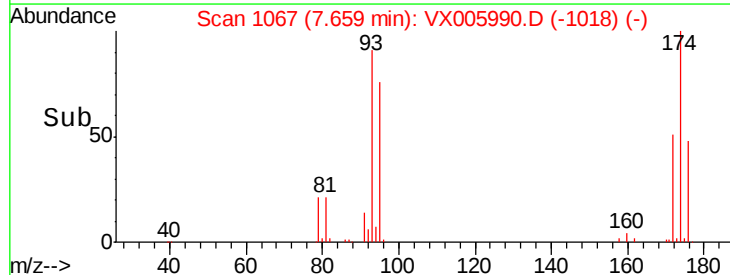
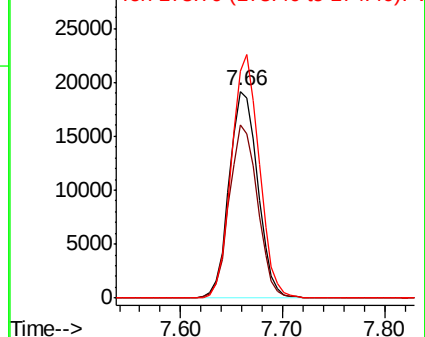
174 114.1 91.5 137.3



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 54.153 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.00 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

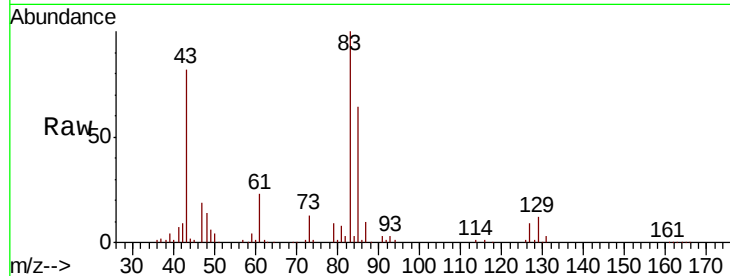
Tot Ion: 83 Resp: 72614

Ion Ratio Lower Upper

83 100

85 63.7 50.2 75.4

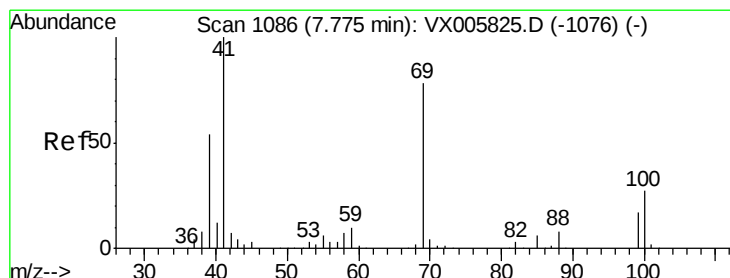
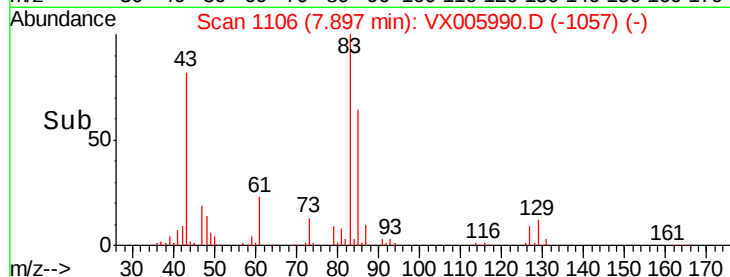
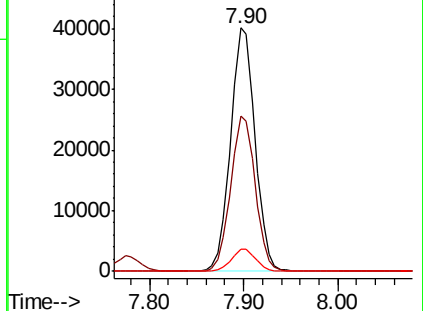
127 8.9 6.9 10.3



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: 55.297 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.00 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

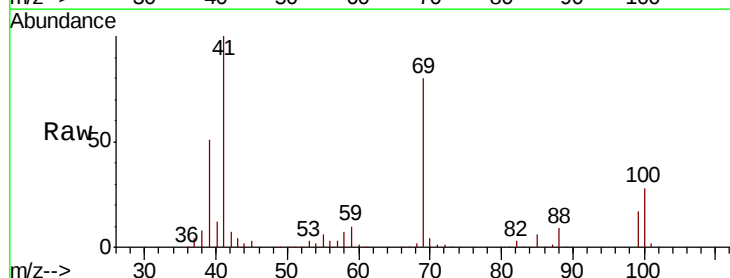
Tgt Ion: 41 Resp: 75603

Ion Ratio Lower Upper

41 100

69 79.3 63.2 94.8

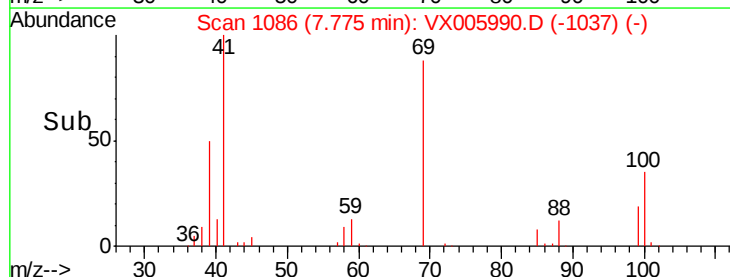
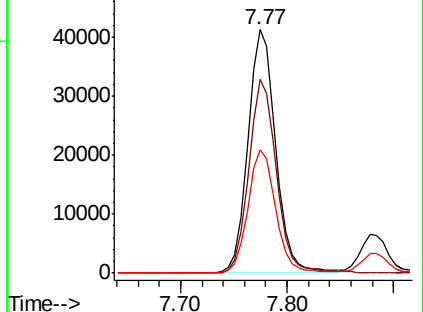
39 50.9 42.2 63.2

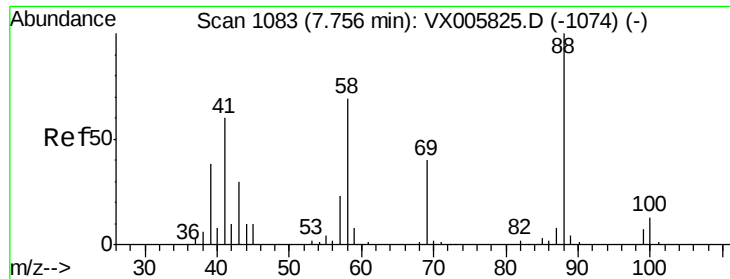


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

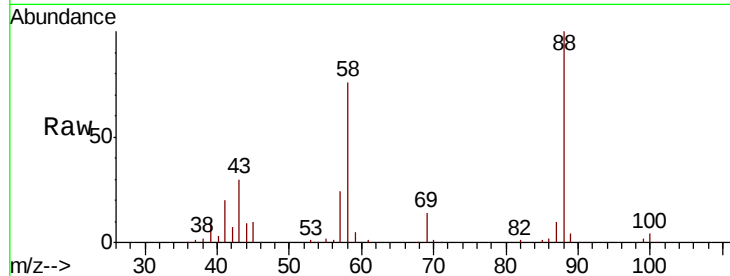




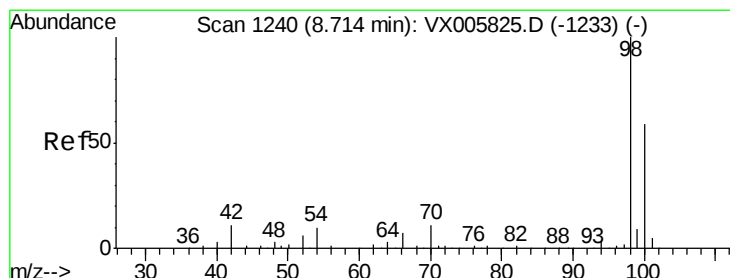
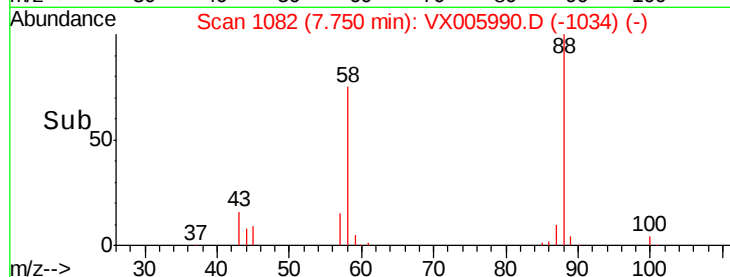
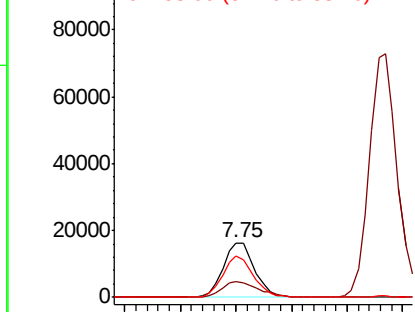
#49
 1,4-Dioxane
 Concen: 1074.412 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 88 Resp: 31654
 Ion Ratio Lower Upper
 88 100
 43 33.6 27.4 41.0
 58 74.7 59.4 89.2

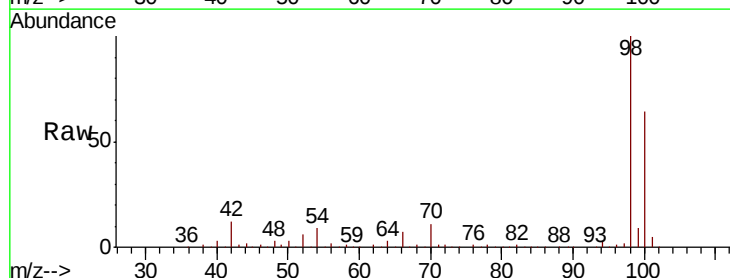


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

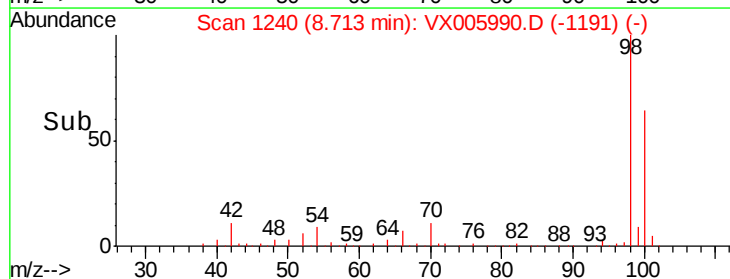
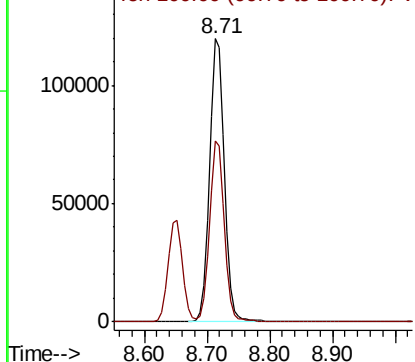


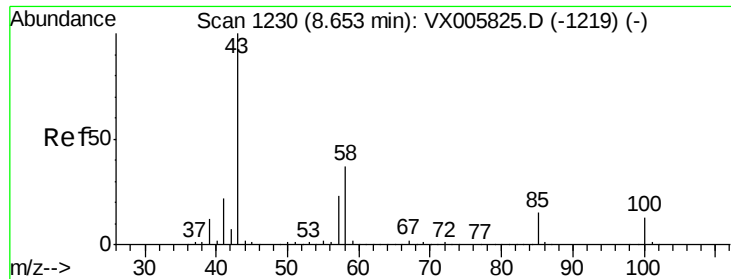
#50
 Toluene-d8
 Concen: 51.964 ug/l
 RT: 8.71 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

Tgt Ion: 98 Resp: 194770
 Ion Ratio Lower Upper
 98 100
 100 63.9 51.3 76.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 263.240 ug/l

RT: 8.65 min Scan# 1229

Delta R.T. -0.01 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

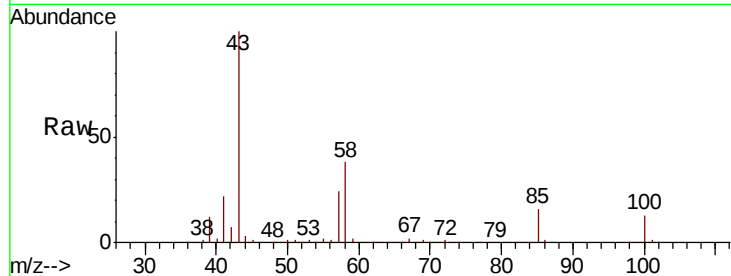
VSTDCCC050

Tot Ion: 43 Resp: 505164

Ion Ratio Lower Upper

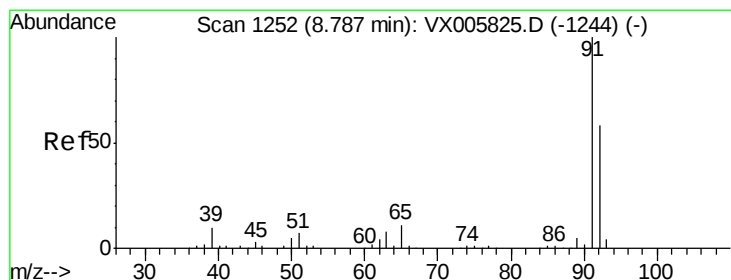
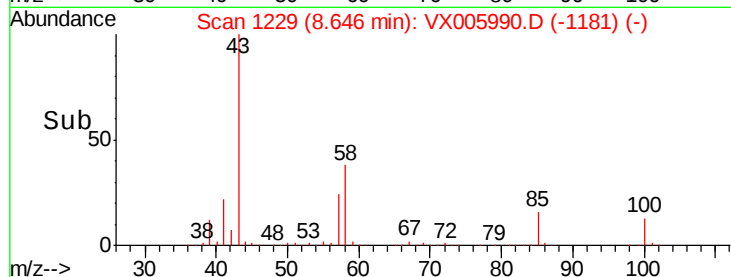
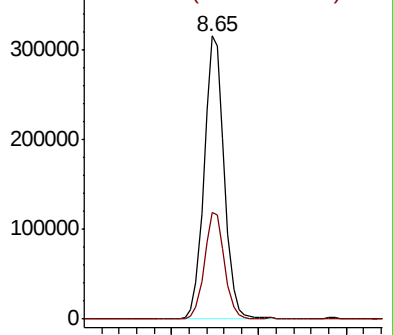
43 100

58 37.5 29.7 44.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 50.352 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX005990.D

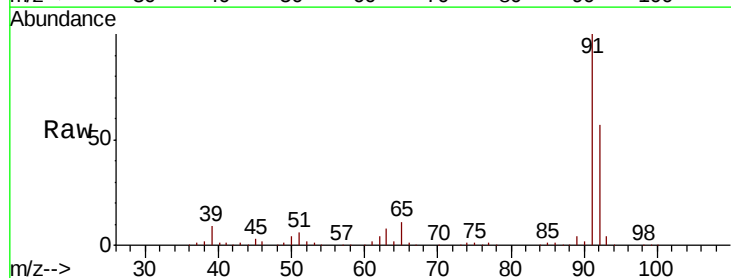
Acq: 14 Nov 2018 22:48

Tgt Ion: 92 Resp: 131095

Ion Ratio Lower Upper

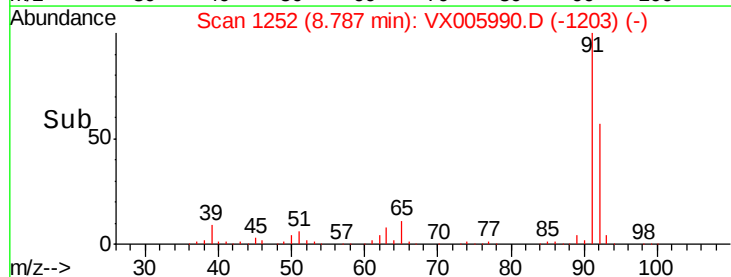
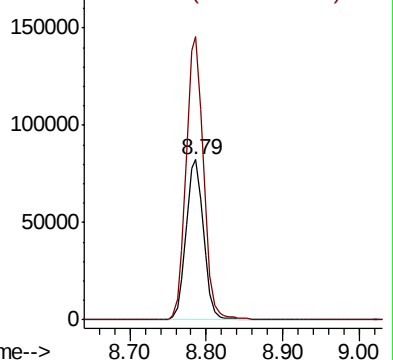
92 100

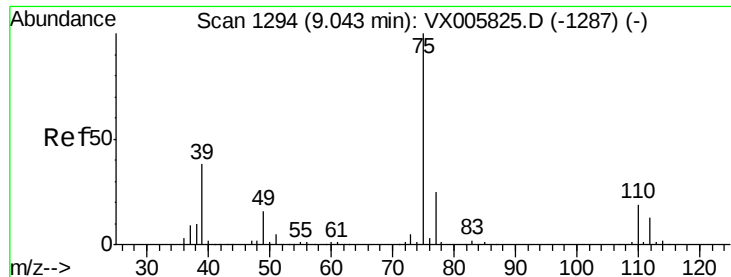
91 175.8 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

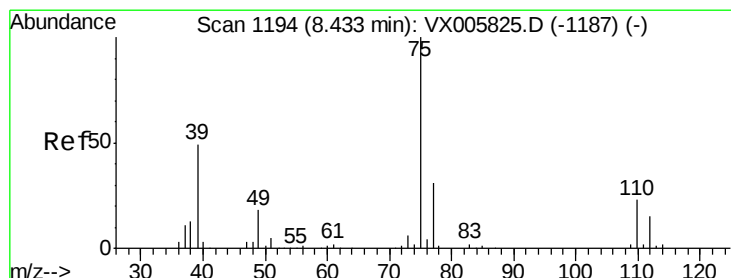
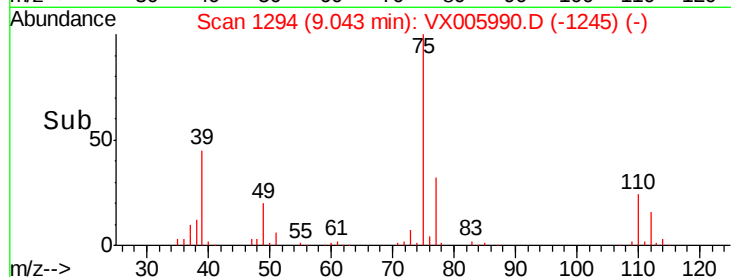
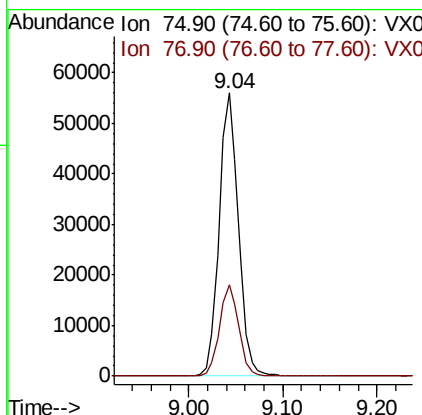
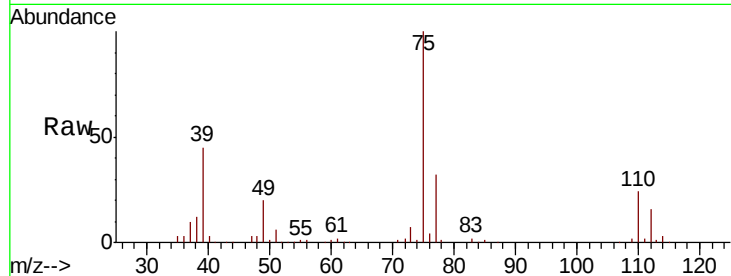




#53
t-1,3-Dichloropropene
Concen: 50.017 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

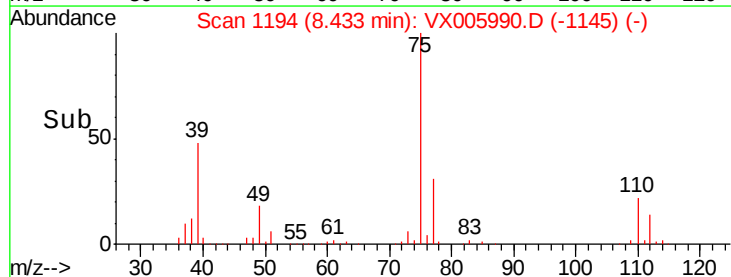
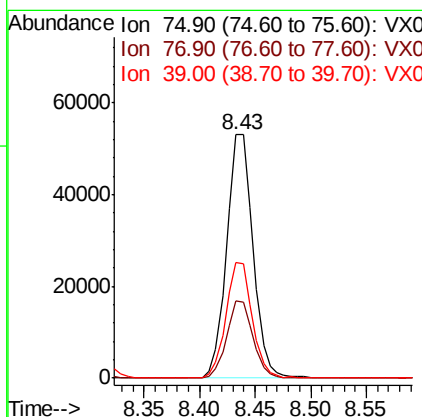
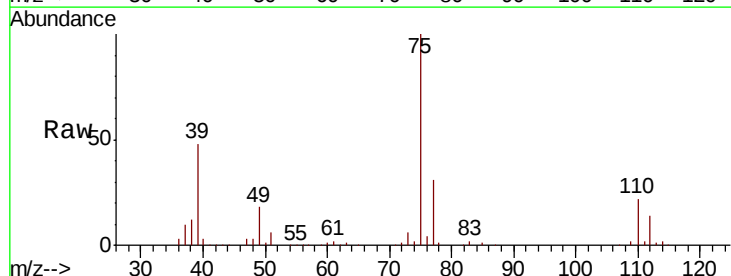
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 75 Resp: 79146
Ion Ratio Lower Upper
75 100
77 32.2 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 53.946 ug/l
RT: 8.43 min Scan# 1194
Delta R.T. -0.00 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

Tgt Ion: 75 Resp: 87006
Ion Ratio Lower Upper
75 100
77 31.5 25.2 37.8
39 47.7 38.2 57.2

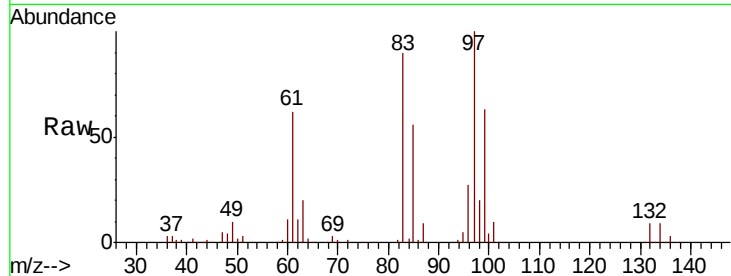




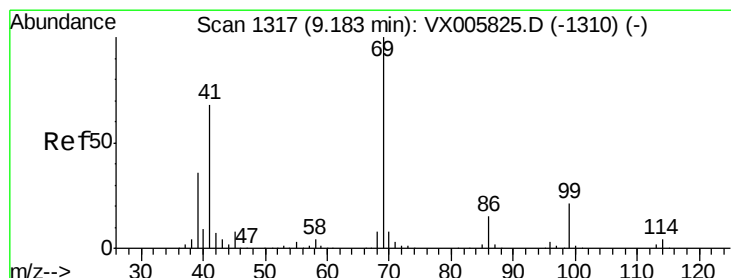
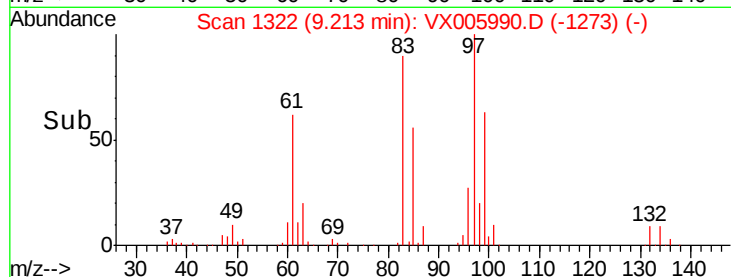
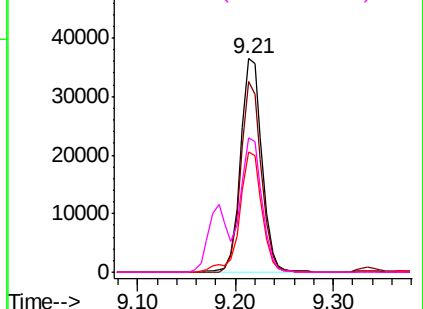
#55
 1,1,2-Trichloroethane
 Concen: 47.678 ug/l
 RT: 9.21 min Scan# 1322
 Delta R.T. -0.00 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion: 97 Resp: 55323
 Ion Ratio Lower Upper
 97 100
 83 89.6 70.7 106.1
 85 56.4 45.8 68.6
 99 63.2 51.8 77.8

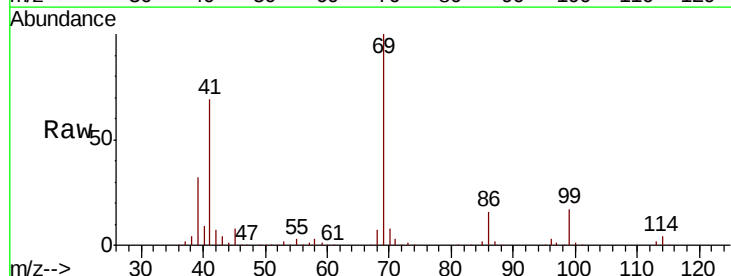


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

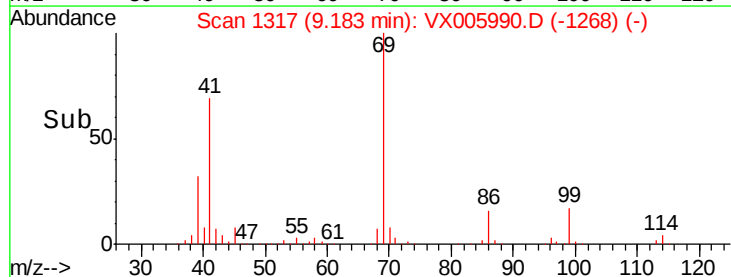
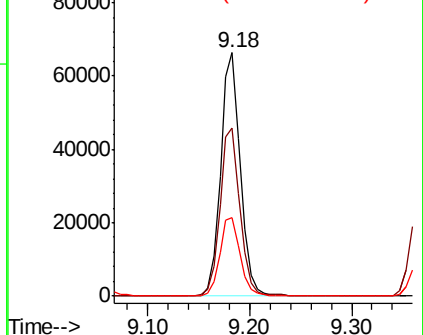


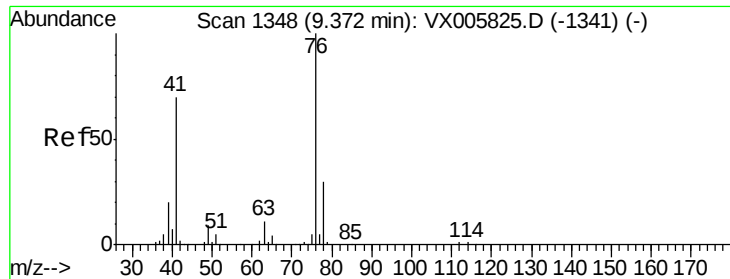
#56
 Ethyl methacrylate
 Concen: 51.579 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

Tgt Ion: 69 Resp: 89550
 Ion Ratio Lower Upper
 69 100
 41 70.5 57.0 85.6
 39 33.4 28.3 42.5



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: 47.779 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

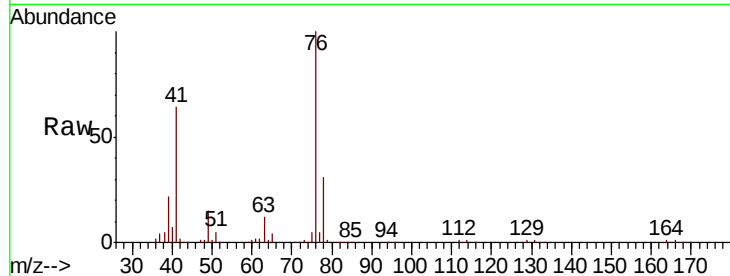
VSTDCCC050

Tot Ion: 76 Resp: 93167

Ion Ratio Lower Upper

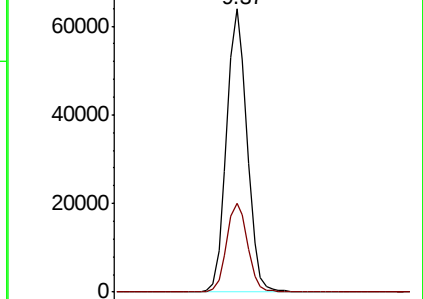
76 100

78 32.2 25.3 37.9

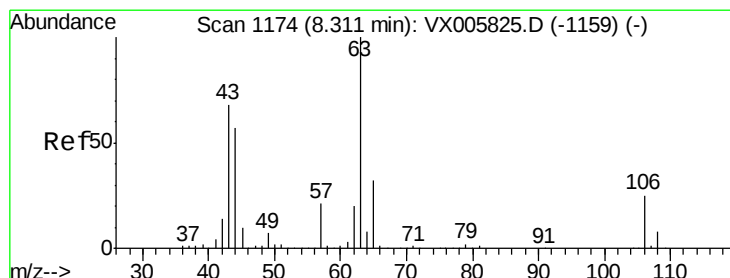
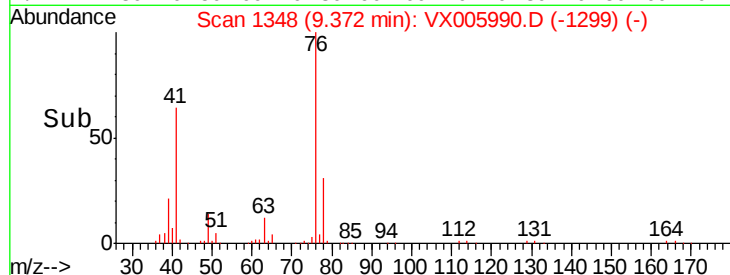


Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 257.133 ug/l

RT: 8.31 min Scan# 1174

Delta R.T. 0.00 min

Lab File: VX005990.D

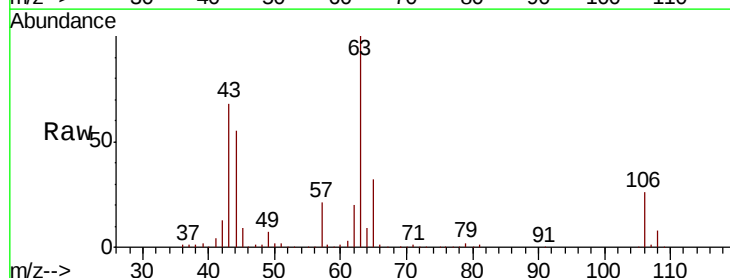
Acq: 14 Nov 2018 22:48

Tgt Ion: 63 Resp: 243490

Ion Ratio Lower Upper

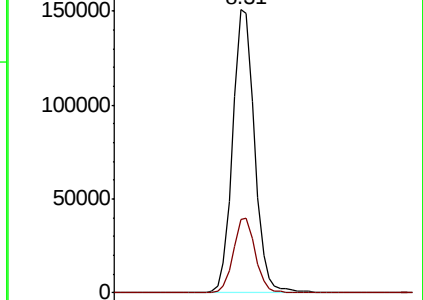
63 100

106 26.6 21.3 31.9

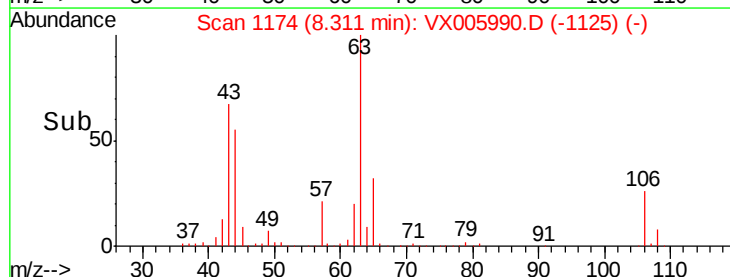


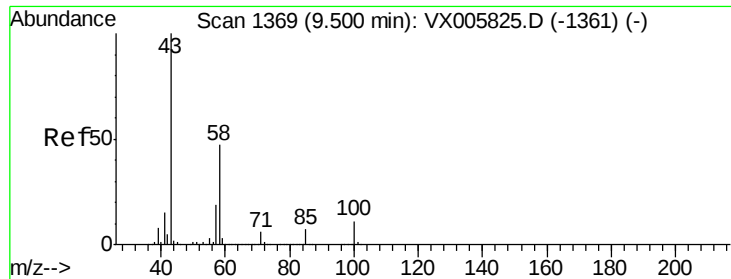
Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V



Time-->

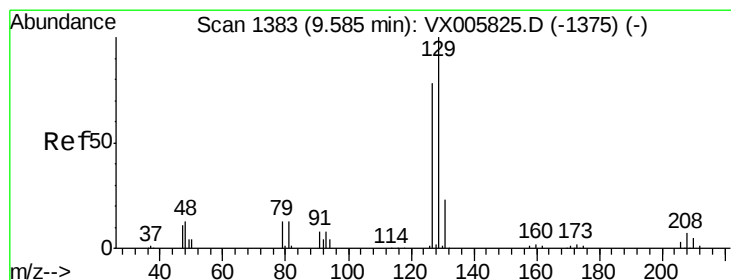
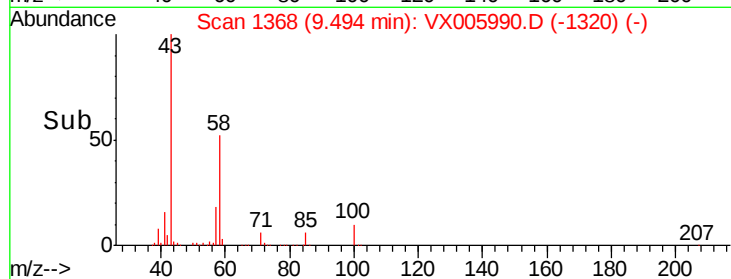
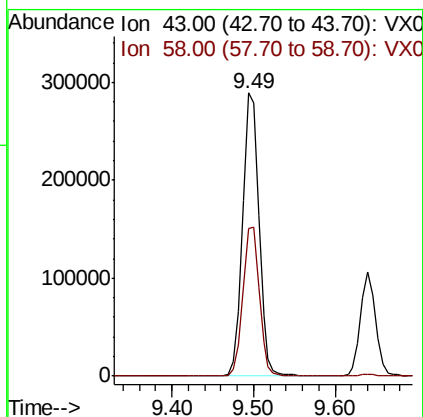
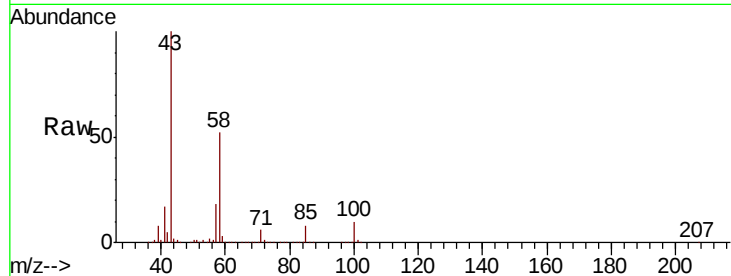




#59
2-Hexanone
Concen: 236.709 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

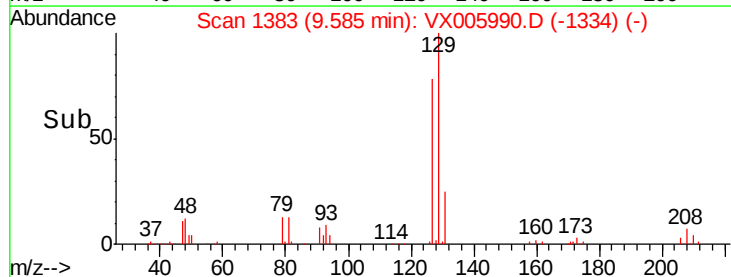
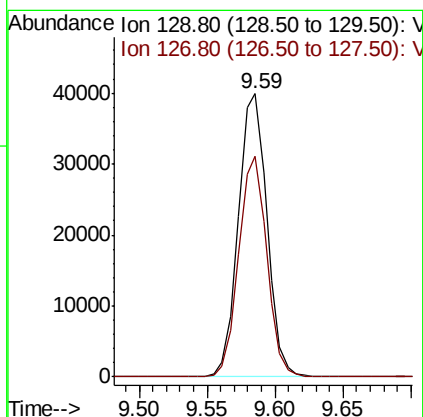
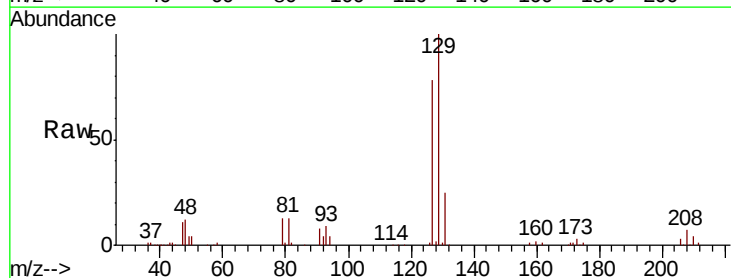
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

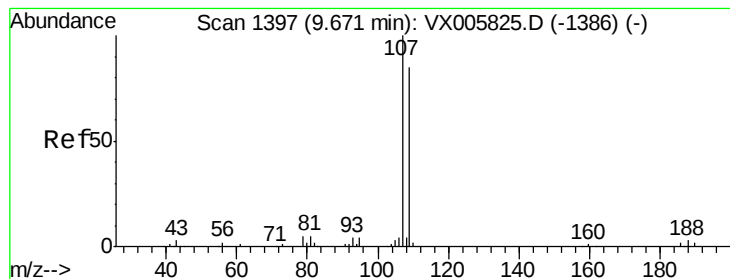
Tot Ion: 43 Resp: 400401
Ion Ratio Lower Upper
43 100
58 53.0 25.9 77.8



#60
Dibromochloromethane
Concen: 46.733 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

Tgt Ion: 129 Resp: 58605
Ion Ratio Lower Upper
129 100
127 76.5 38.9 116.7





#61

1,2-Dibromoethane

Concen: 44.735 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

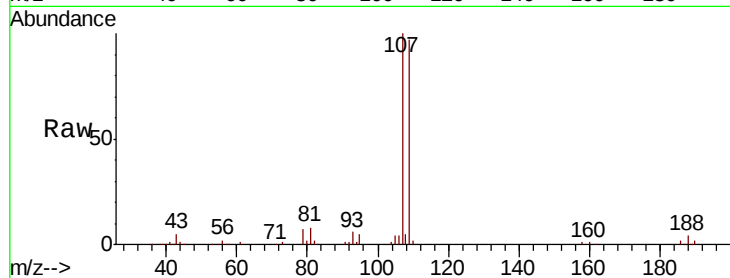
VSTDCCC050

Tot Ion:107 Resp: 57398

Ion Ratio Lower Upper

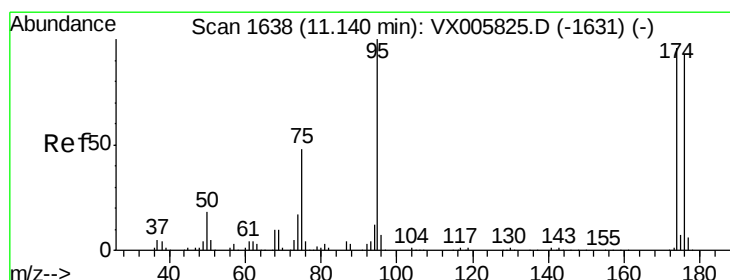
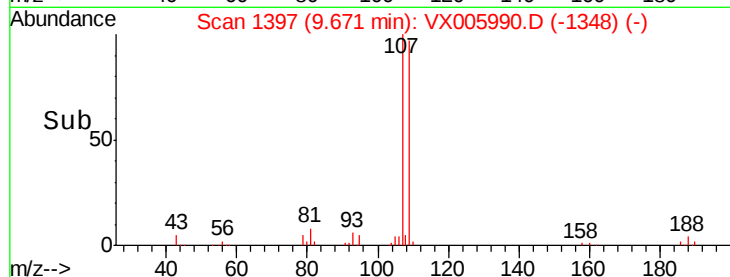
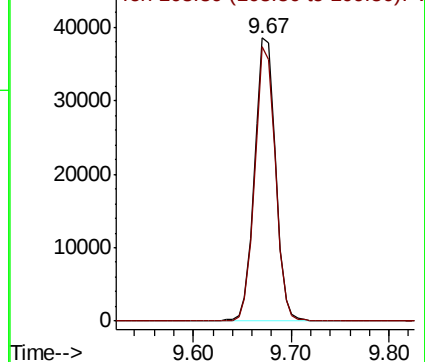
107 100

109 95.5 75.7 113.5



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.890 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

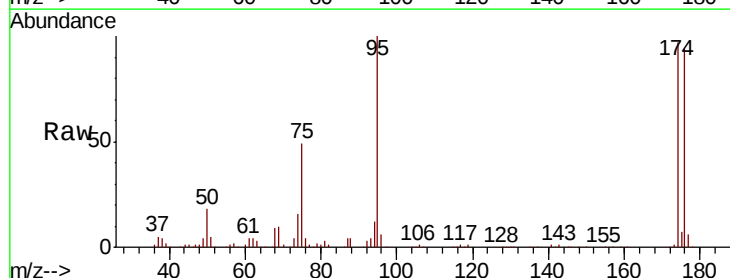
Tgt Ion: 95 Resp: 72623

Ion Ratio Lower Upper

95 100

174 91.3 0.0 184.4

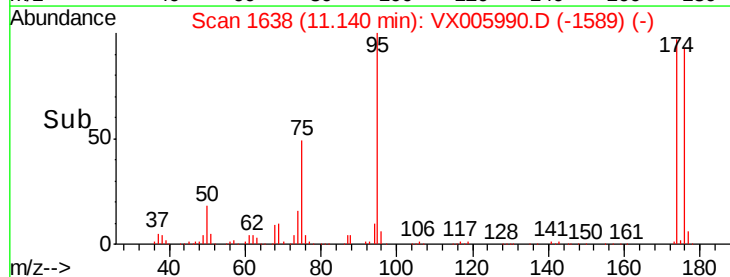
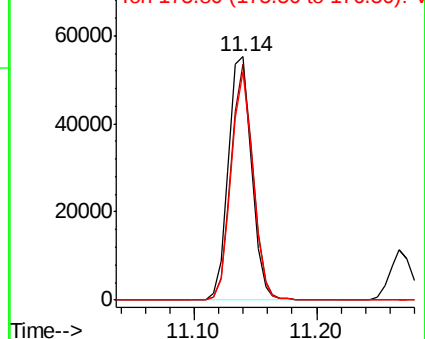
176 88.2 0.0 177.4



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

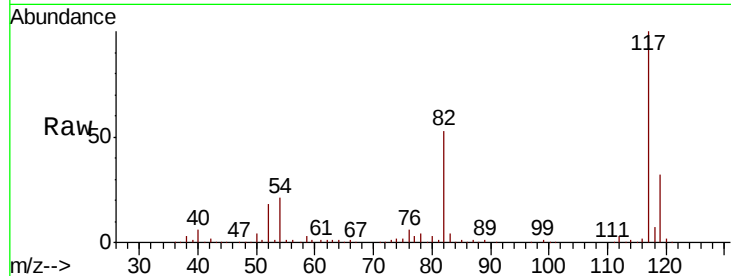




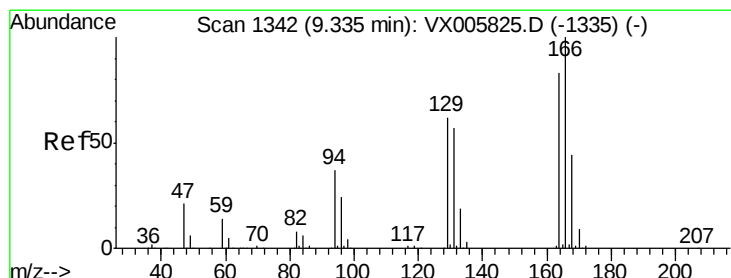
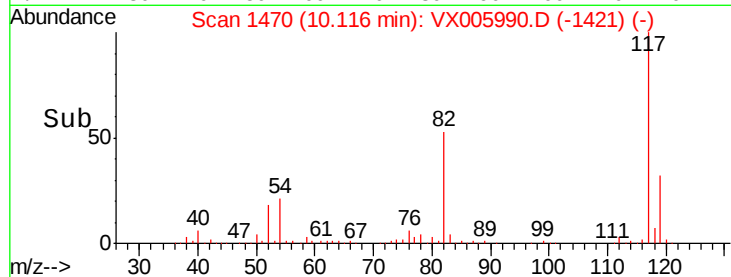
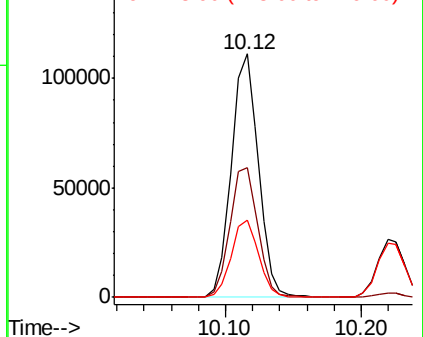
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:117 Resp: 154235
Ion Ratio Lower Upper
117 100
82 53.2 44.1 66.1
119 31.8 26.2 39.2



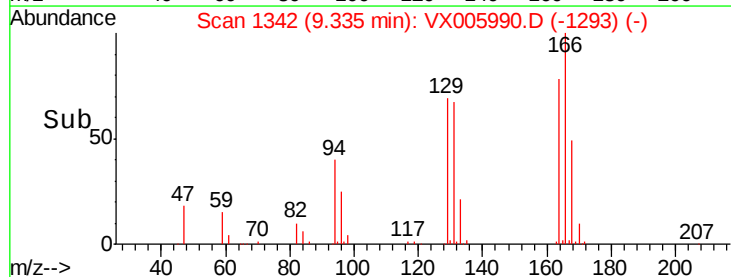
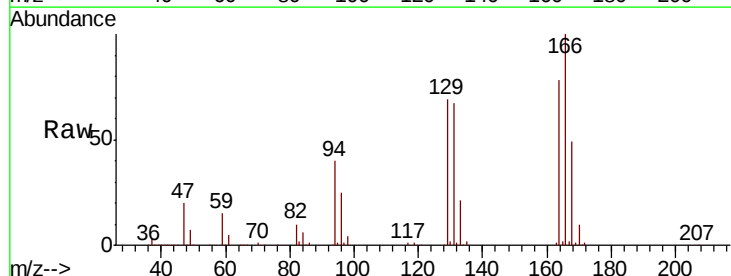
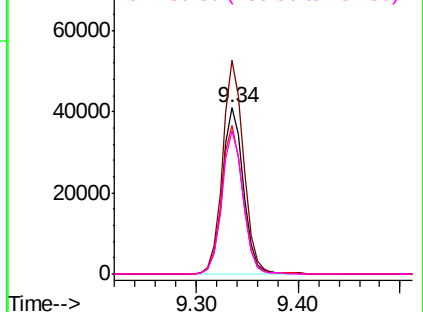
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

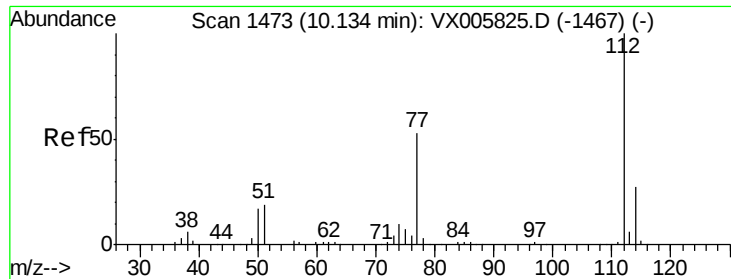


#64
Tetrachloroethene
Concen: 44.967 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

Tgt Ion:164 Resp: 59048
Ion Ratio Lower Upper
164 100
166 128.4 101.9 152.9
129 88.9 72.6 109.0
131 86.3 71.1 106.7

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

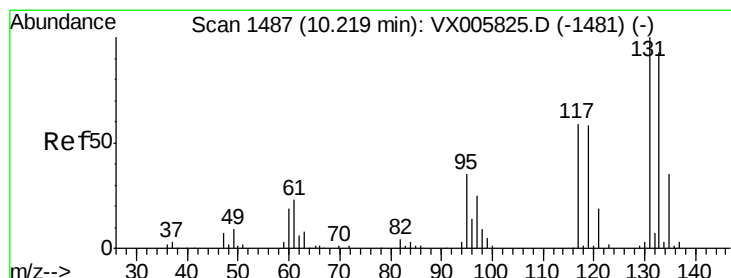
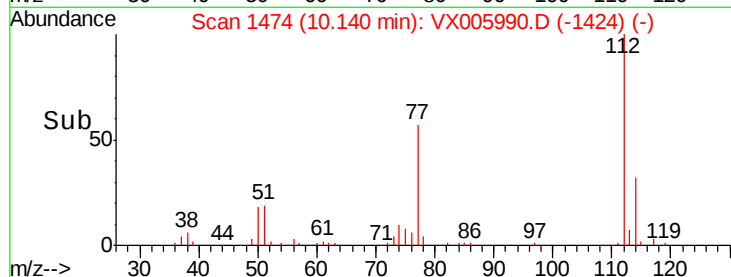
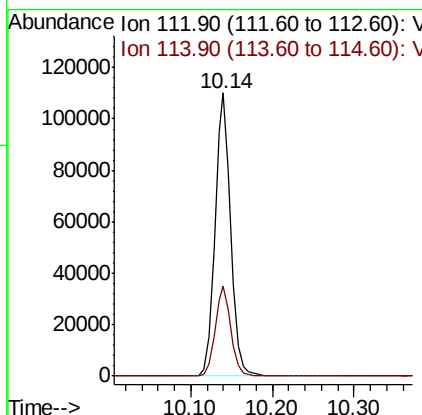
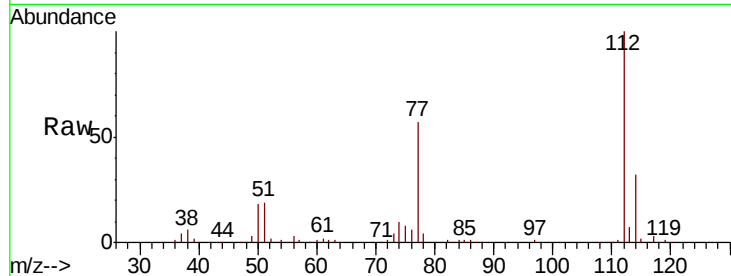




#65
Chlorobenzene
Concen: 48.318 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.01 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

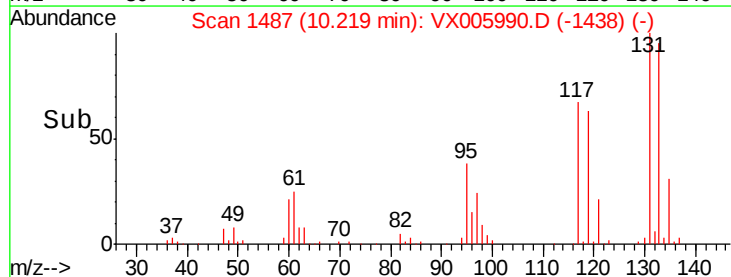
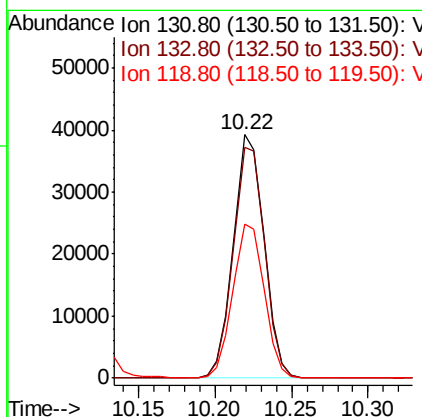
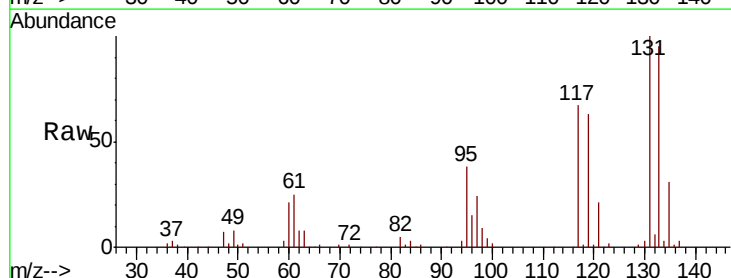
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

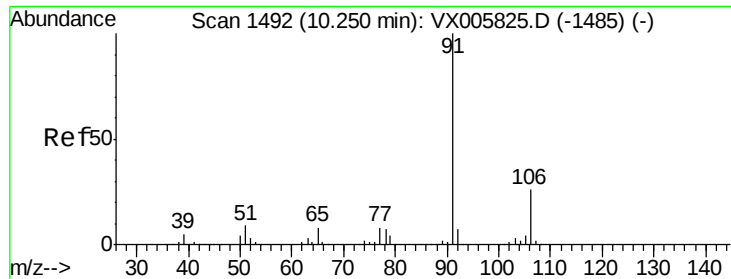
Tot Ion:112 Resp: 149294
Ion Ratio Lower Upper
112 100
114 32.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.057 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.00 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

Tgt Ion:131 Resp: 54845
Ion Ratio Lower Upper
131 100
133 96.6 47.5 142.5
119 64.7 31.8 95.3

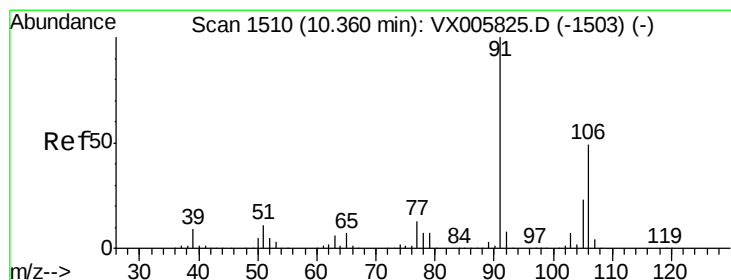
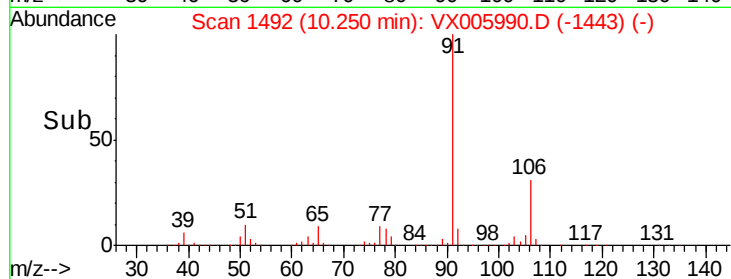
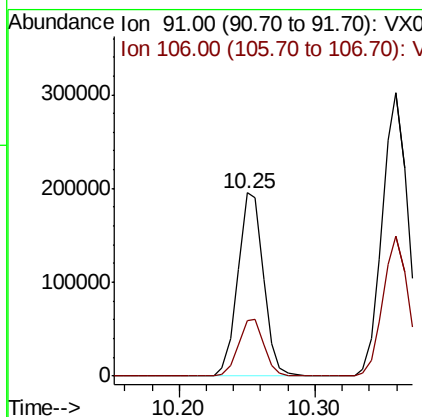
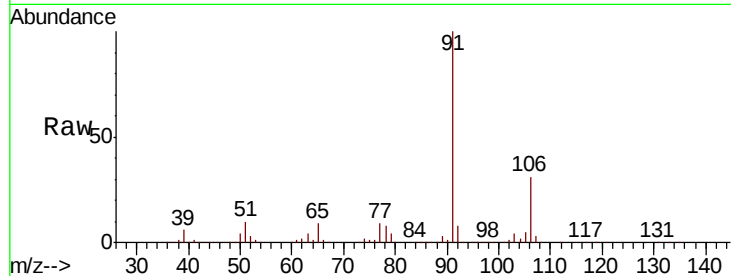




#67
Ethyl Benzene
Concen: 51.910 ug/l
RT: 10.25 min Scan# 1492
Delta R.T. -0.00 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

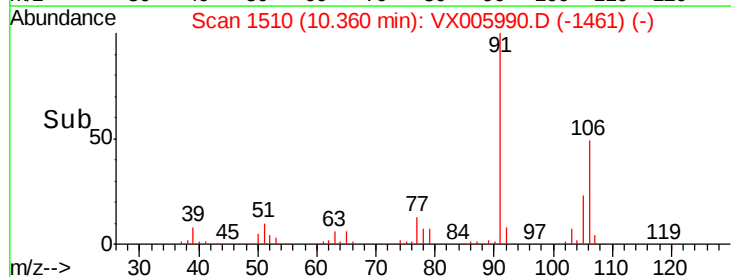
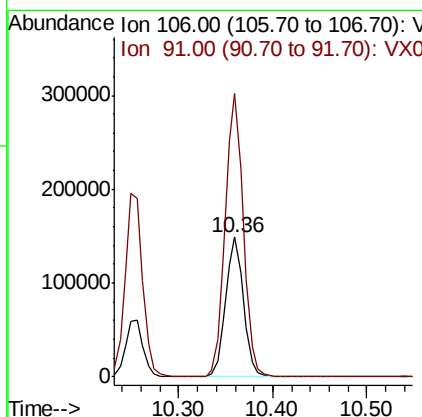
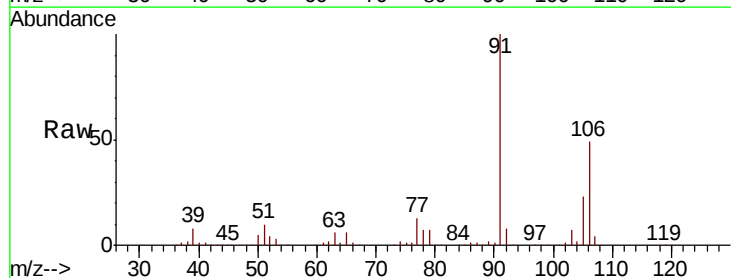
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

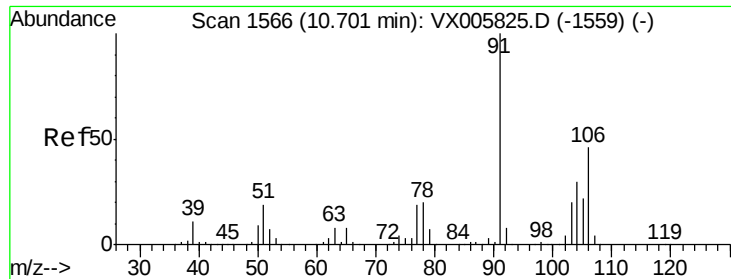
Tot Ion: 91 Resp: 257192
Ion Ratio Lower Upper
91 100
106 30.6 24.4 36.6



#68
m/p-Xylenes
Concen: 104.030 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.00 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

Tgt Ion: 106 Resp: 196603
Ion Ratio Lower Upper
106 100
91 205.4 164.2 246.4

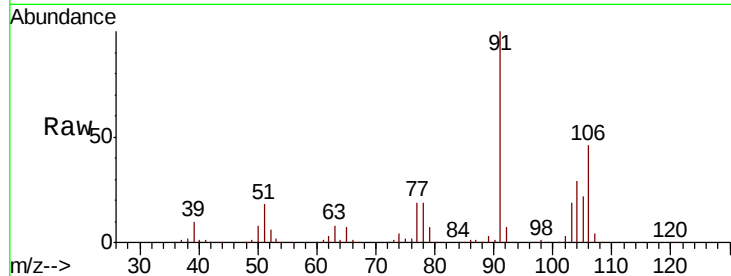




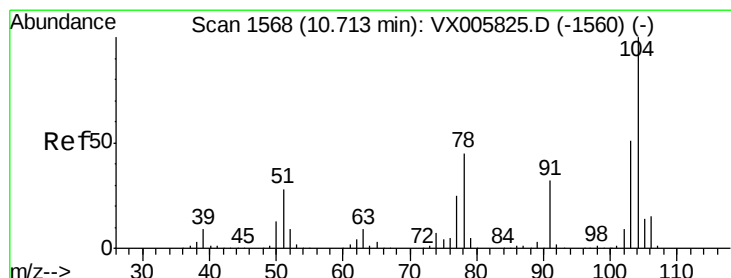
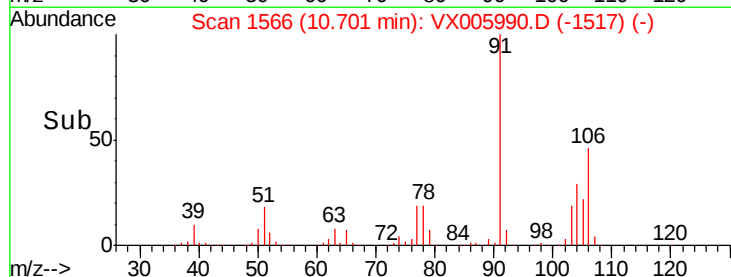
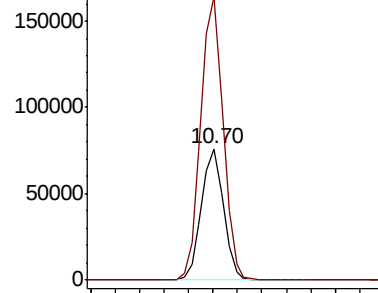
#69
o-Xylene
Concen: 56.121 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:106 Resp: 95106
Ion Ratio Lower Upper
106 100
91 218.5 108.5 325.5

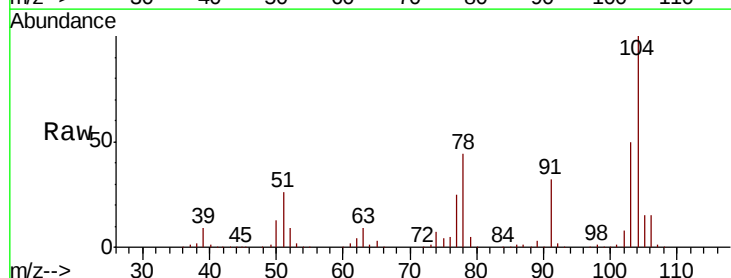


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

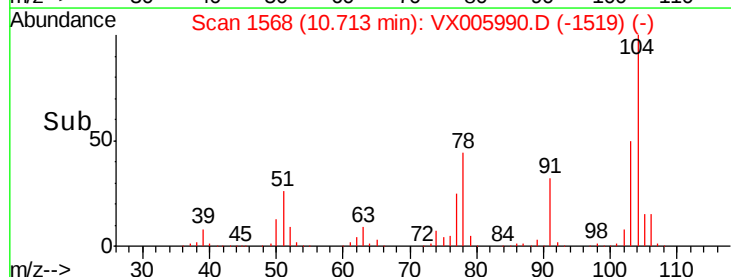
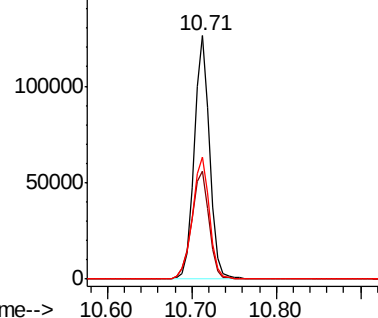


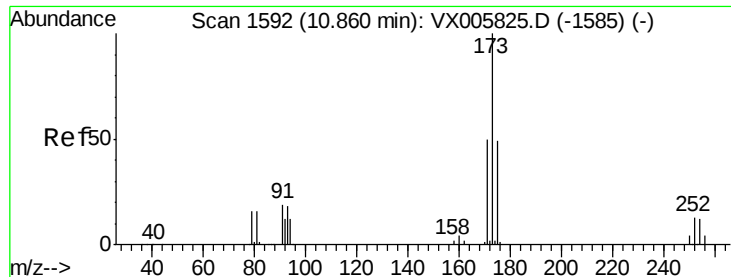
#70
Styrene
Concen: 57.149 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

Tgt Ion:104 Resp: 159763
Ion Ratio Lower Upper
104 100
78 50.7 40.2 60.4
103 55.8 44.9 67.3



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 54.232 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

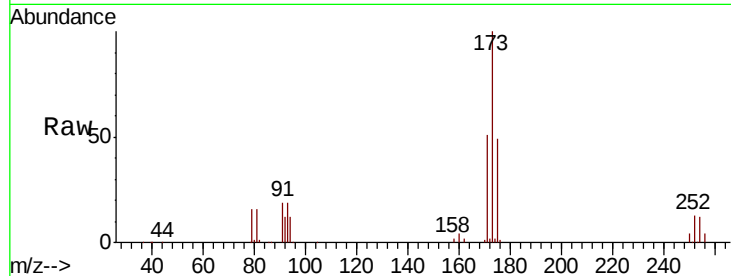
Tot Ion:173 Resp: 48835

Ion Ratio Lower Upper

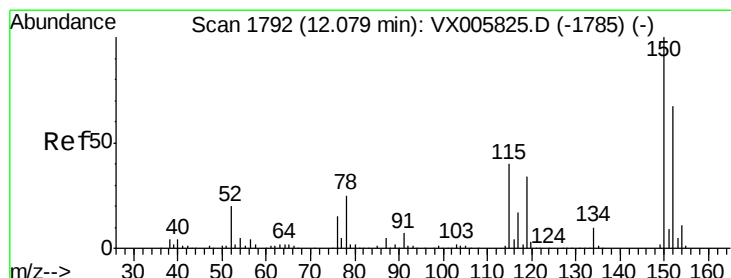
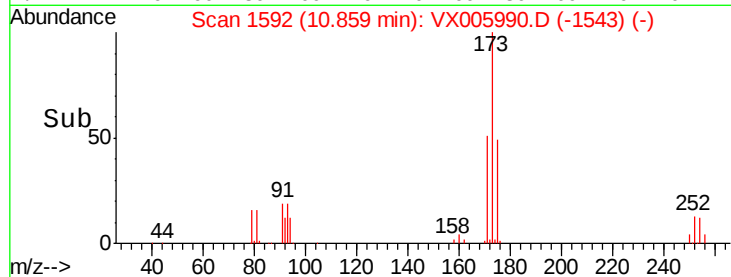
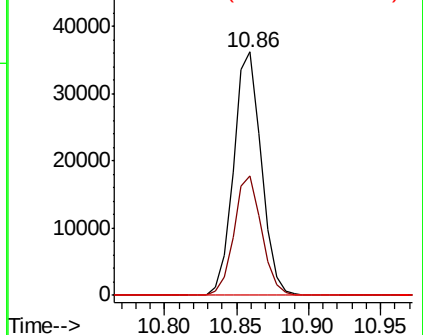
173 100

175 48.9 24.8 74.3

254 0.0 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: VX005990.D

Acq: 14 Nov 2018 22:48

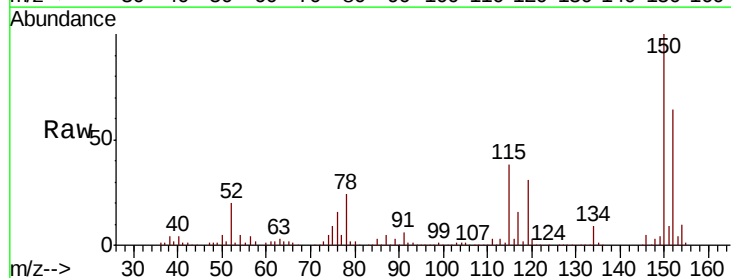
Tgt Ion:152 Resp: 84483

Ion Ratio Lower Upper

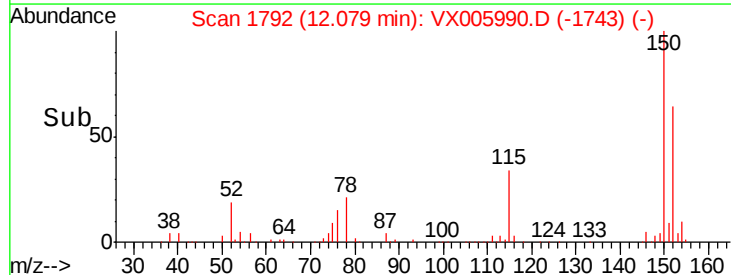
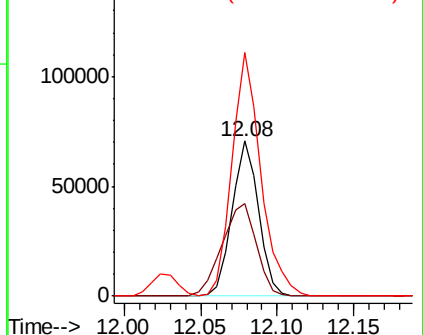
152 100

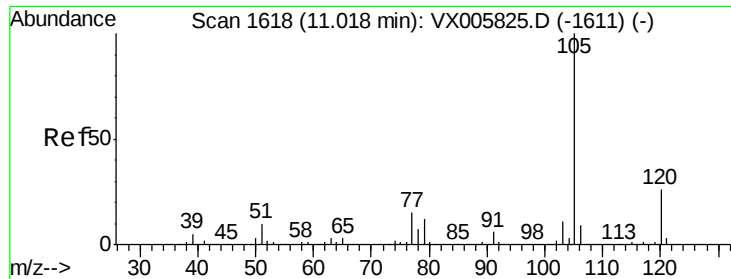
115 77.3 39.4 118.1

150 172.0 0.0 346.4



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

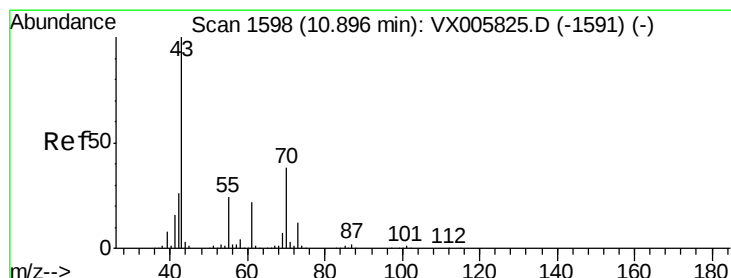
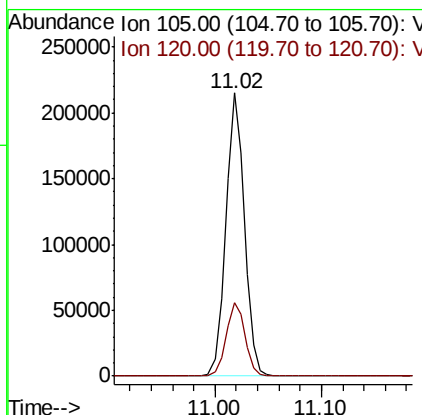
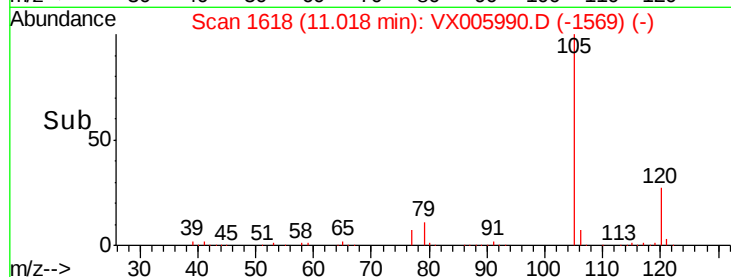
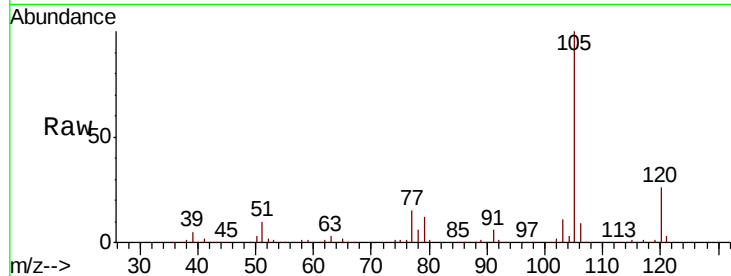




#73
Isopropylbenzene
Concen: 53.578 ug/l
RT: 11.02 min Scan# 1618
Delta R.T. -0.00 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

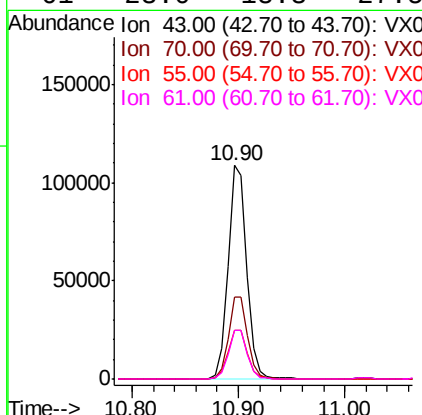
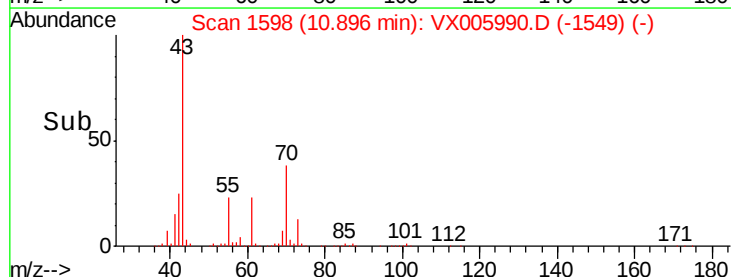
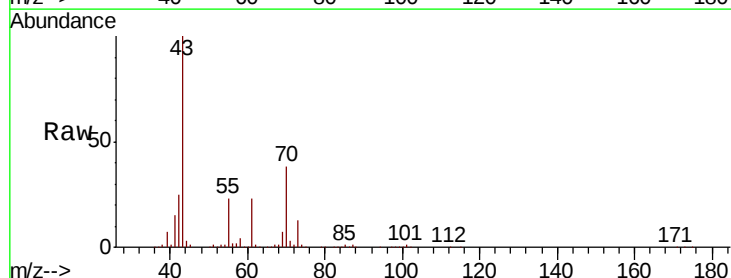
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion:105 Resp: 261757
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.3



#74
N-ethyl acetate
Concen: 48.688 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

Tgt Ion: 43 Resp: 133374
Ion Ratio Lower Upper
43 100
70 39.4 31.6 47.4
55 23.9 19.7 29.5
61 23.0 18.3 27.5





#75

1,1,2,2-Tetrachloroethane

Concen: 50.764 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

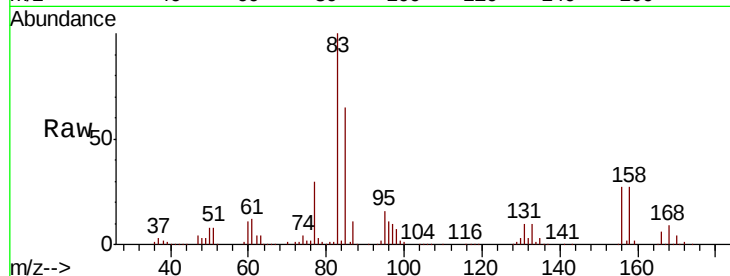
Tot Ion: 83 Resp: 91031

Ion Ratio Lower Upper

83 100

131 10.5 5.3 15.9

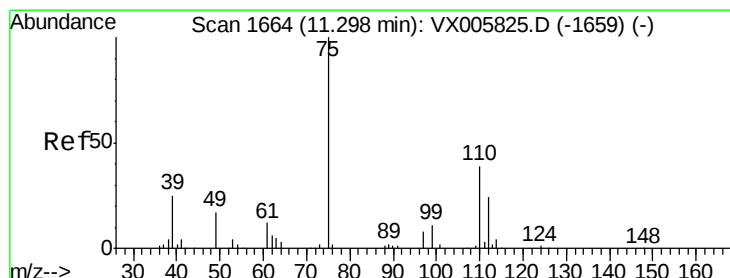
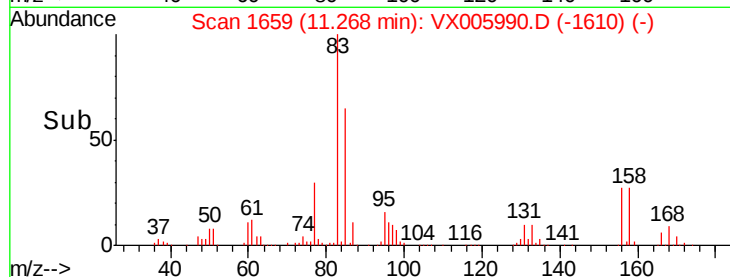
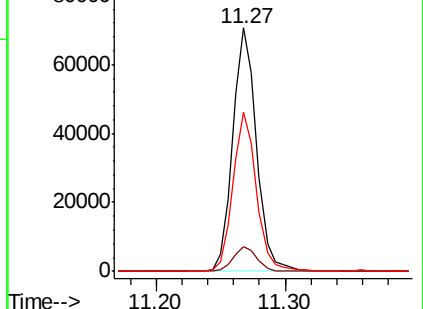
85 64.6 32.0 96.2



Abundance Ion 82.90 (82.60 to 83.60): VX005825.D (-1652) (-)

Ion 130.80 (130.50 to 131.50): VX005825.D (-1652) (-)

Ion 84.90 (84.60 to 85.60): VX005825.D (-1652) (-)



#76

1,2,3-Trichloropropane

Concen: 63.986 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005990.D

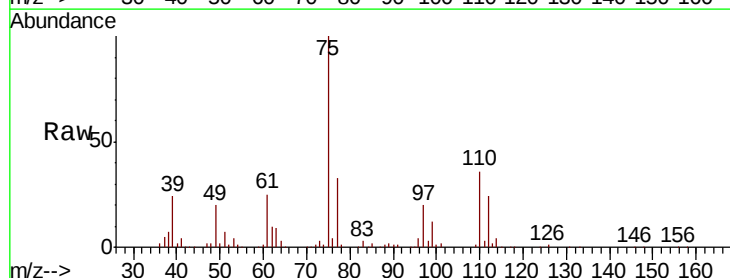
Acq: 14 Nov 2018 22:48

Tgt Ion: 75 Resp: 110073

Ion Ratio Lower Upper

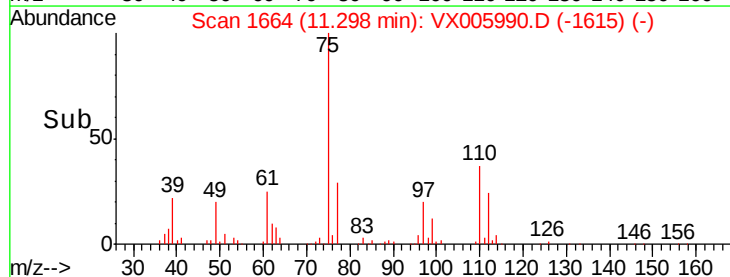
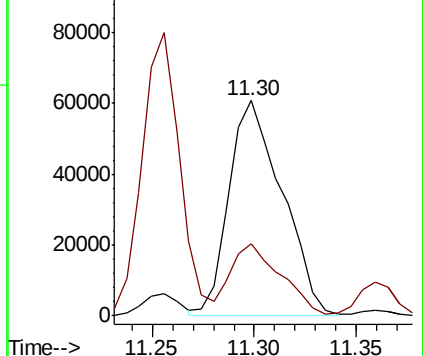
75 100

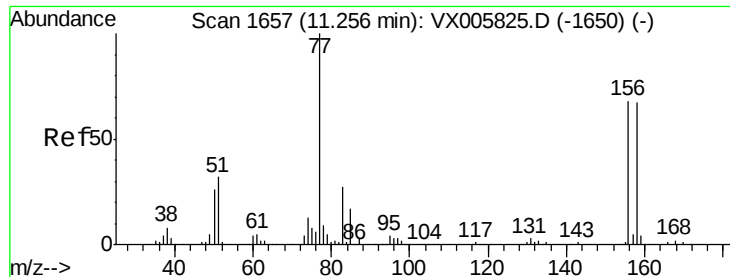
77 31.4 20.5 61.6



Abundance Ion 74.90 (74.60 to 75.60): VX005825.D (-1659) (-)

Ion 77.00 (76.70 to 77.70): VX005825.D (-1659) (-)





#77

Bromobenzene

Concen: 50.099 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

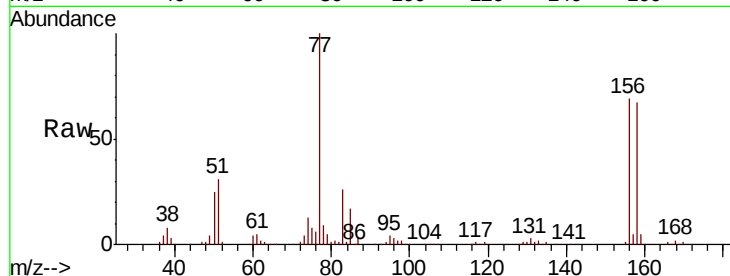
Tot Ion:156 Resp: 68988

Ion Ratio Lower Upper

156 100

77 148.9 74.8 224.4

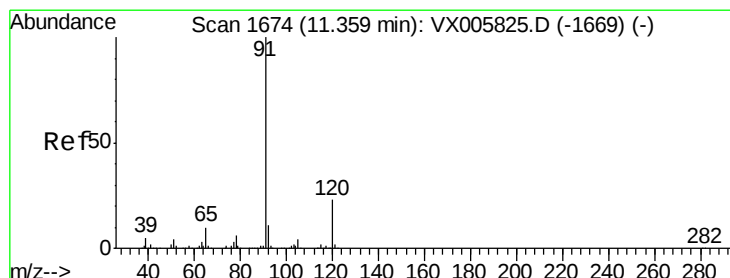
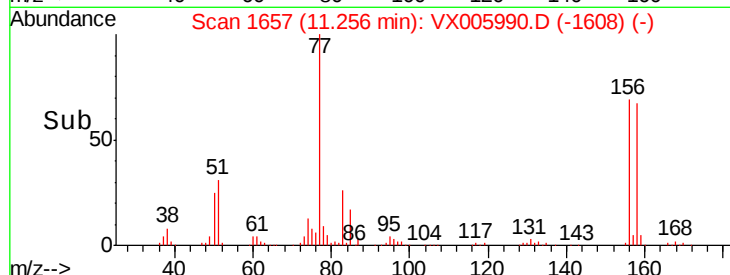
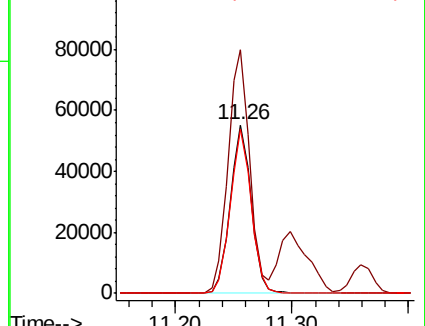
158 97.4 49.1 147.3



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: 51.903 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005990.D

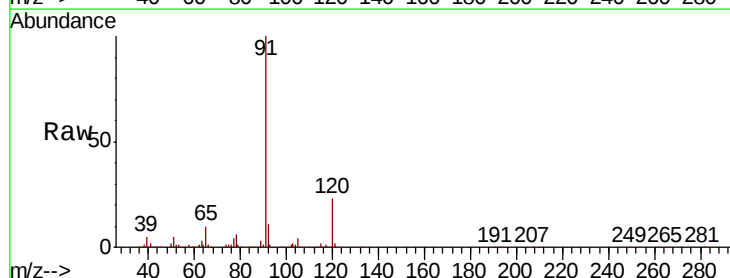
Acq: 14 Nov 2018 22:48

Tgt Ion: 91 Resp: 298847

Ion Ratio Lower Upper

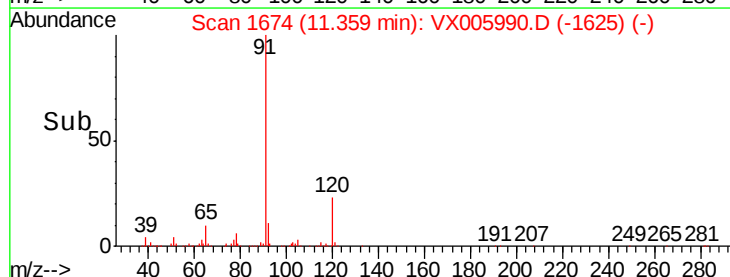
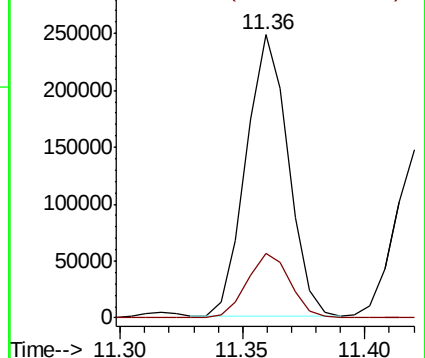
91 100

120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

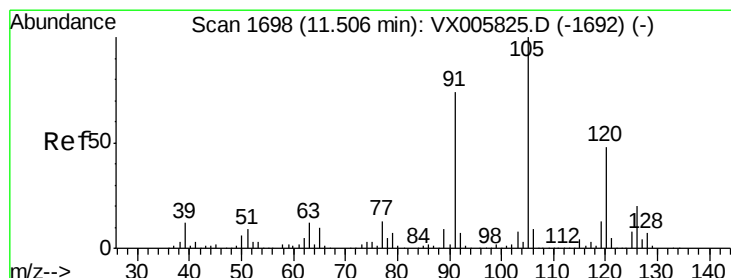
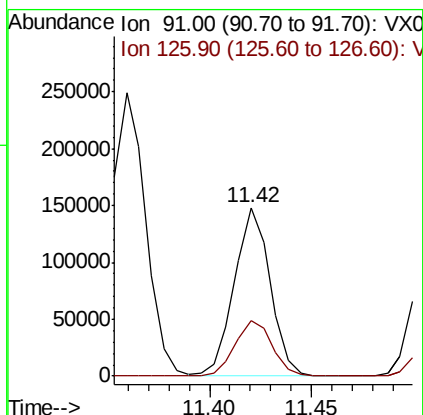
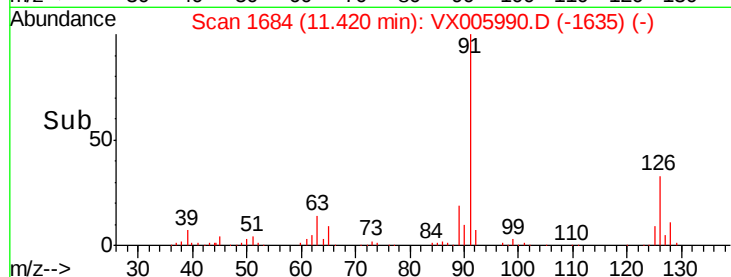
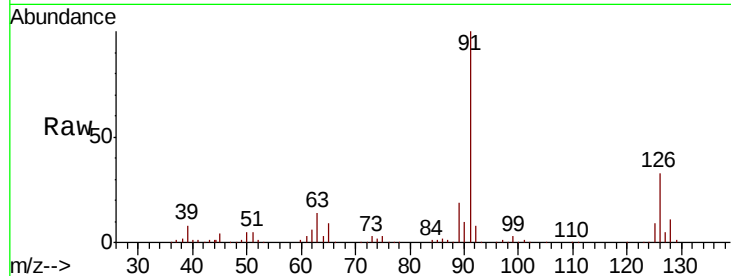




#79
 2-Chlorotoluene
 Concen: 51.610 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

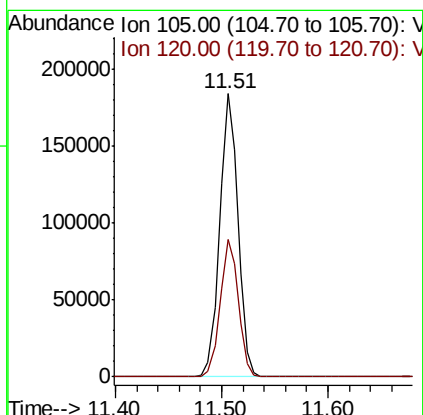
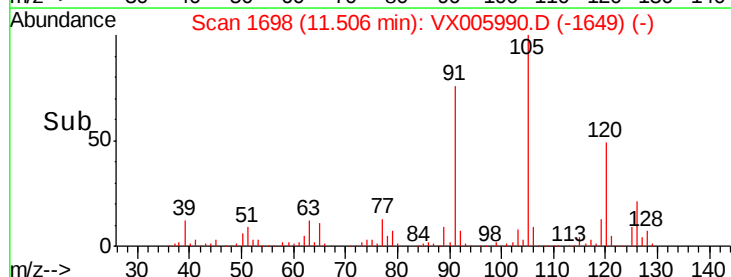
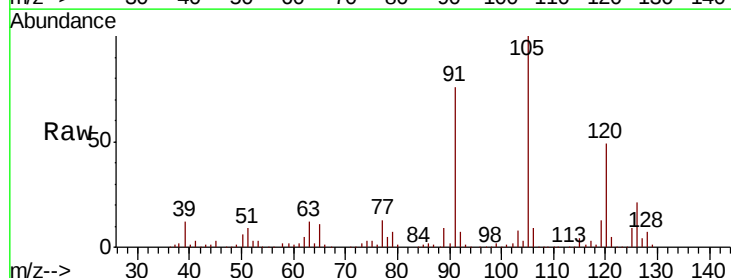
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

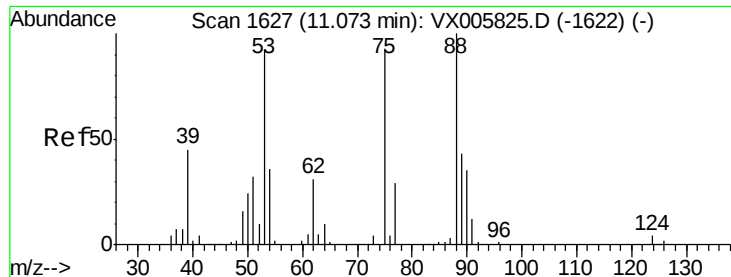
Tot Ion: 91 Resp: 179613
 Ion Ratio Lower Upper
 91 100
 126 34.4 17.3 52.0



#80
 1,3,5-Trimethylbenzene
 Concen: 52.982 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. -0.00 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

Tgt Ion: 105 Resp: 219967
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.1 72.2





#81

trans-1,4-Dichloro-2-butene

Concen: 50.828 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.00 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

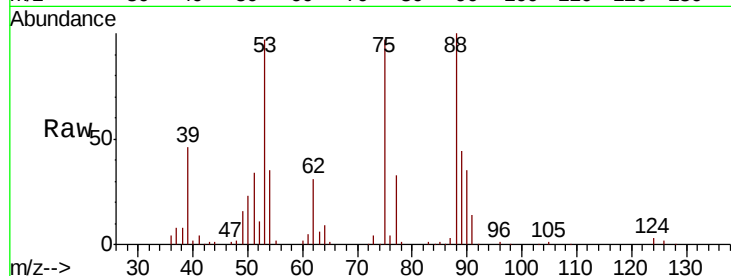
Tot Ion: 75 Resp: 27434

Ion Ratio Lower Upper

75 100

53 98.3 80.2 120.2

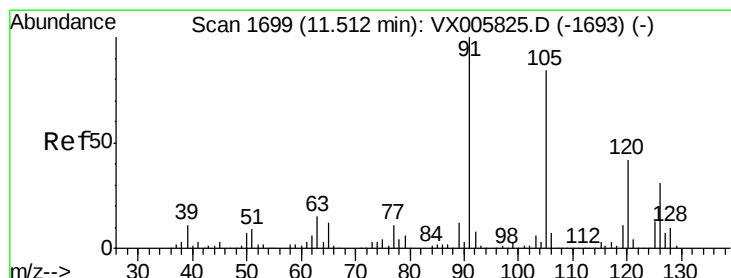
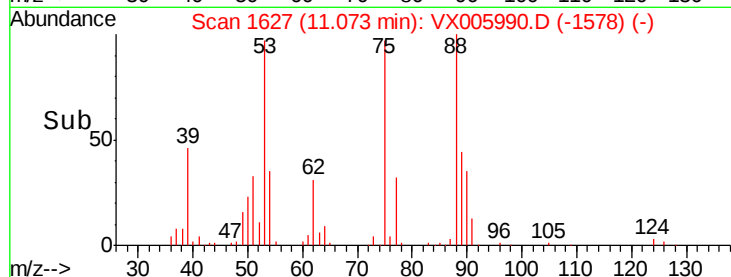
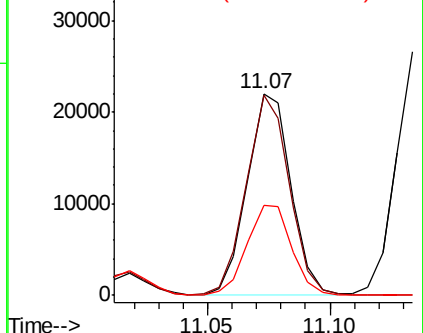
89 46.0 39.8 59.8



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: 51.369 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005990.D

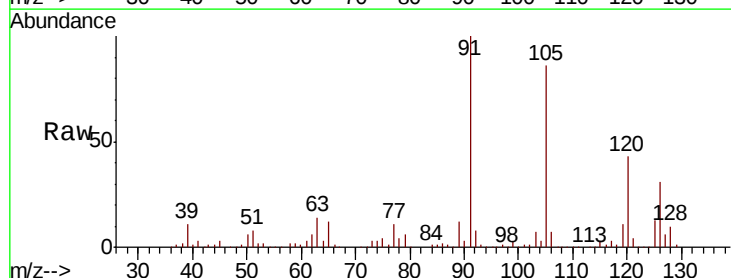
Acq: 14 Nov 2018 22:48

Tgt Ion: 91 Resp: 210693

Ion Ratio Lower Upper

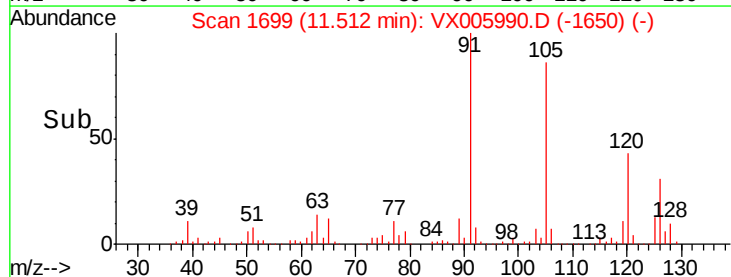
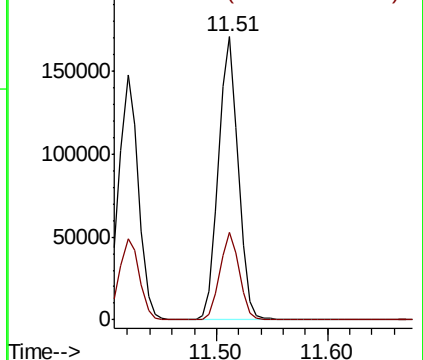
91 100

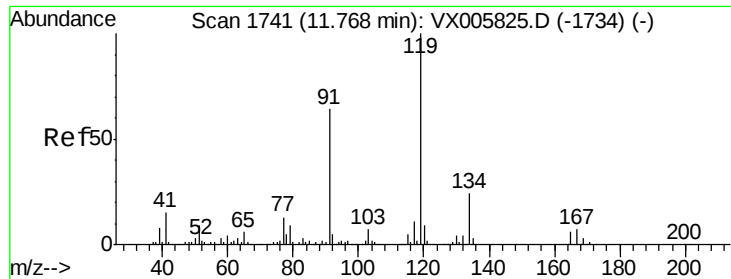
126 30.3 15.2 45.6



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

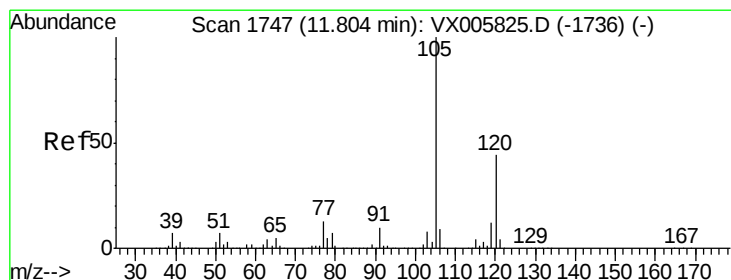
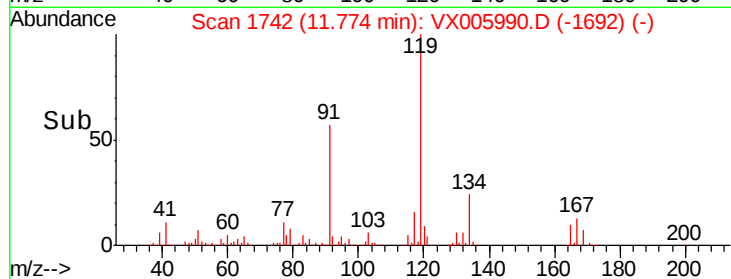
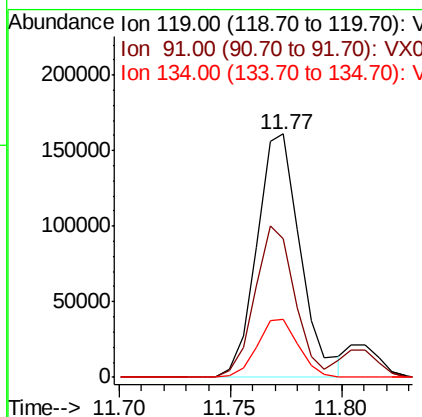
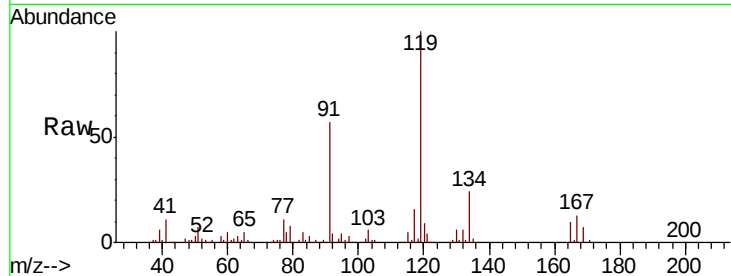




#83
 tert-Butylbenzene
 Concen: 52.034 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.01 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

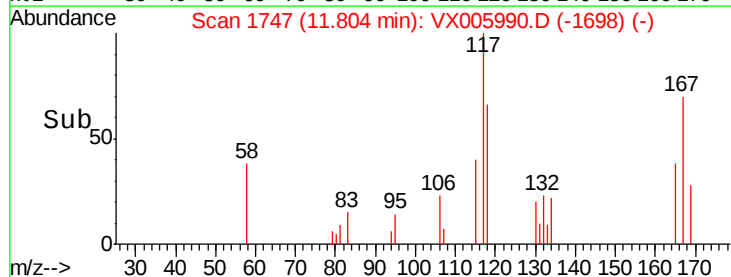
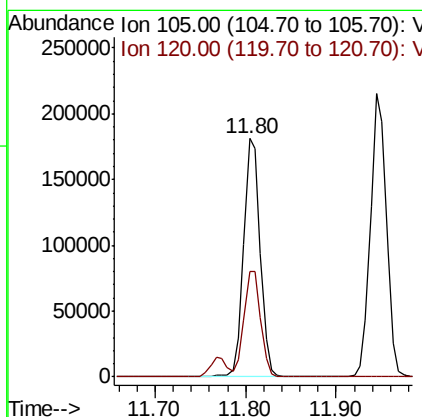
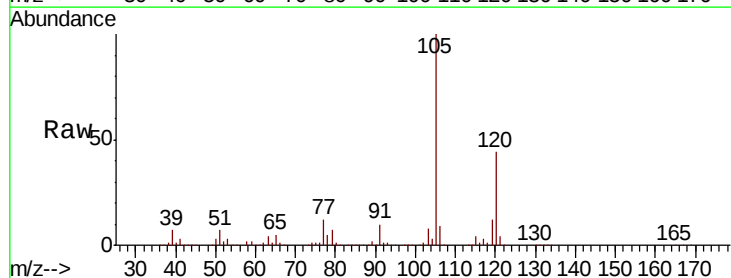
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

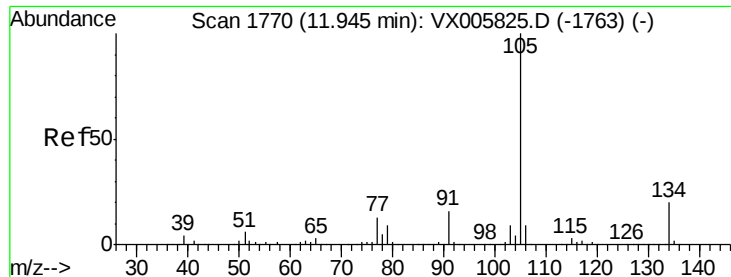
Tot Ion:119 Resp: 218553
 Ion Ratio Lower Upper
 119 100
 91 57.4 28.5 85.5
 134 22.9 11.3 33.8



#84
 1,2,4-Trimethylbenzene
 Concen: 49.843 ug/l
 RT: 11.80 min Scan# 1747
 Delta R.T. 0.00 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

Tgt Ion:105 Resp: 228370
 Ion Ratio Lower Upper
 105 100
 120 44.7 22.4 67.0





#85

sec-Butylbenzene

Concen: 51.251 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.00 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

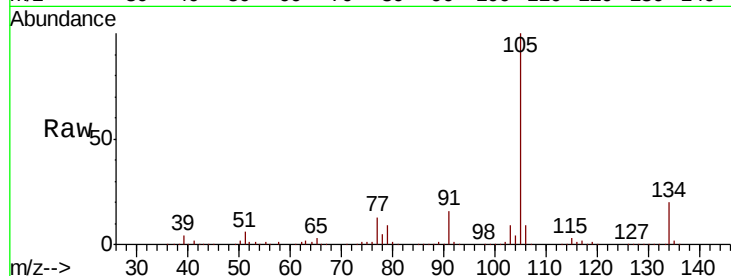
VSTDCCC050

Tot Ion:105 Resp: 263237

Ion Ratio Lower Upper

105 100

134 20.2 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

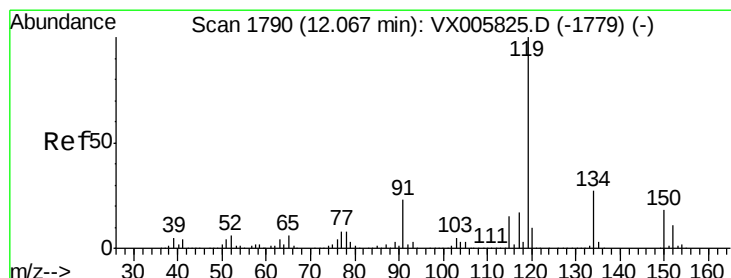
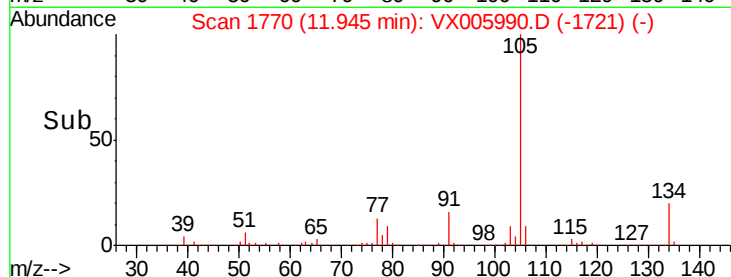
100000

50000

0

11.90 11.95 12.00

Time-->



#86

p-Isopropyltoluene

Concen: 51.690 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

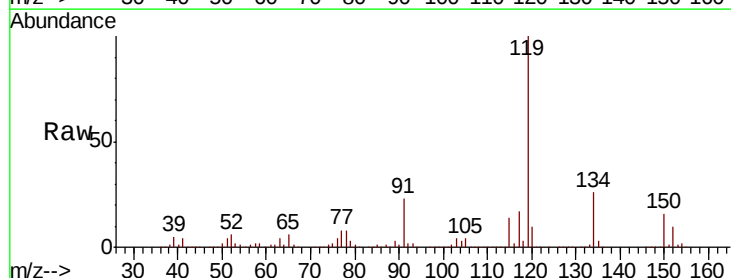
Tgt Ion:119 Resp: 235165

Ion Ratio Lower Upper

119 100

134 26.2 13.0 39.0

91 23.3 11.4 34.2



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

250000

200000

150000

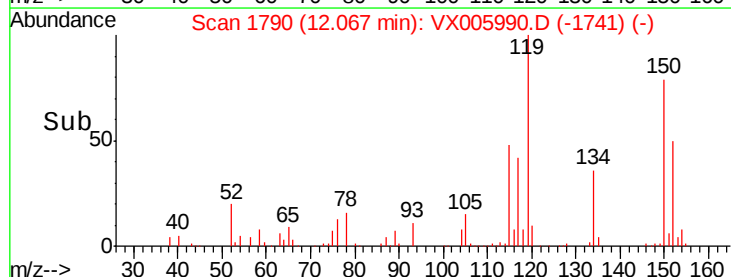
100000

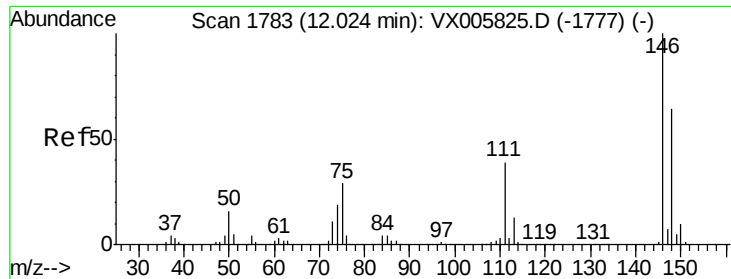
50000

0

12.00 12.10

Time-->

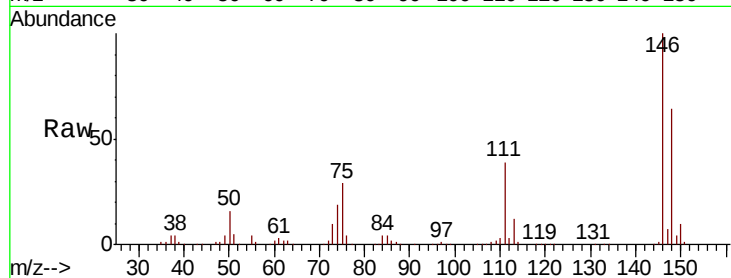




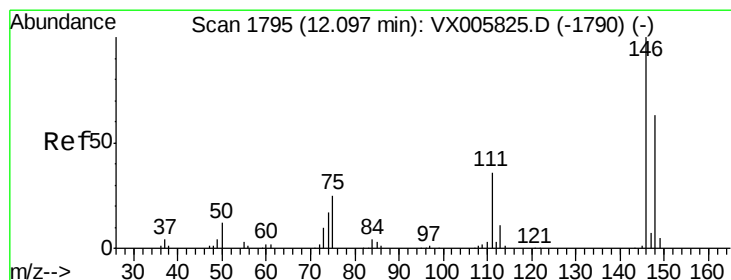
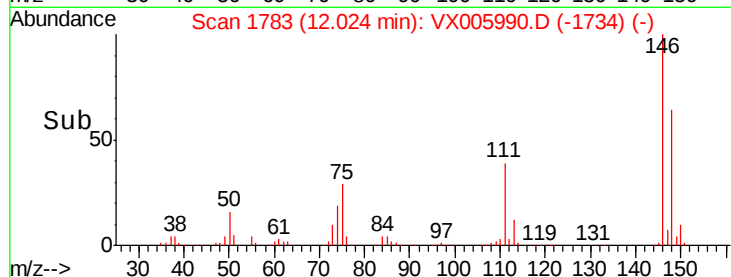
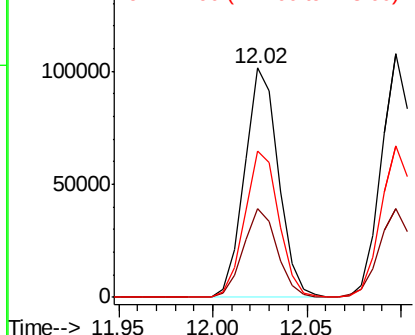
#87
 1,3-Dichlorobenzene
 Concen: 47.963 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:146 Resp: 126753
 Ion Ratio Lower Upper
 146 100
 111 38.3 19.0 57.0
 148 64.2 31.9 95.9

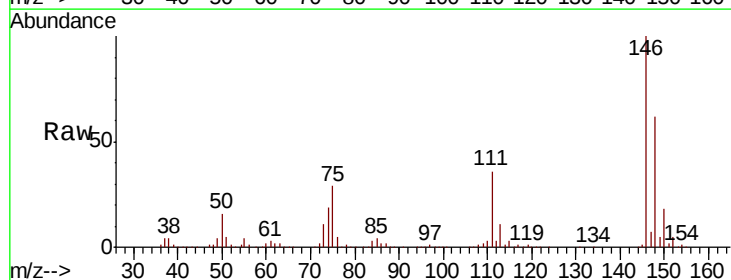


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

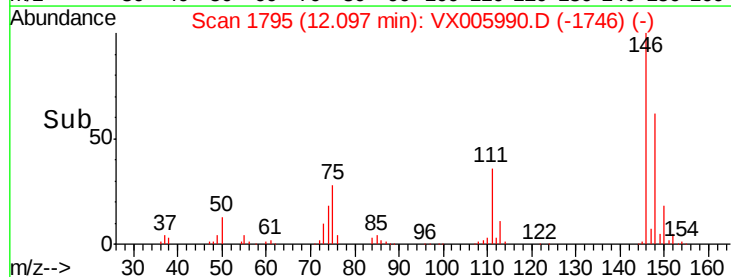
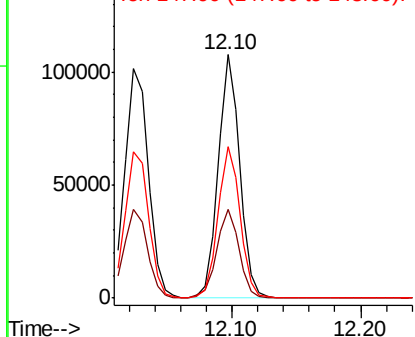


#88
 1,4-Dichlorobenzene
 Concen: 47.181 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

Tgt Ion:146 Resp: 127643
 Ion Ratio Lower Upper
 146 100
 111 37.8 18.6 55.8
 148 64.0 32.1 96.3



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

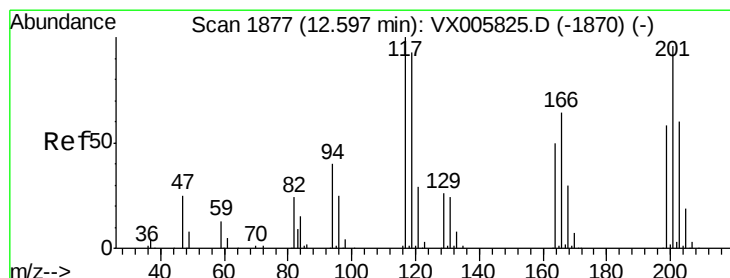
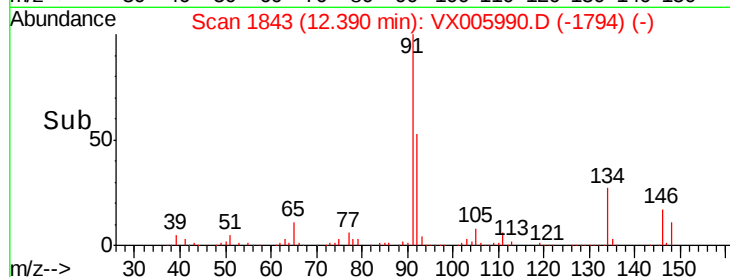
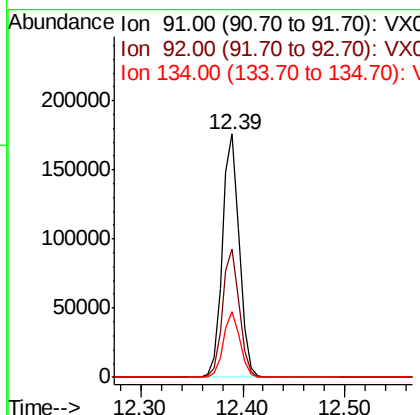
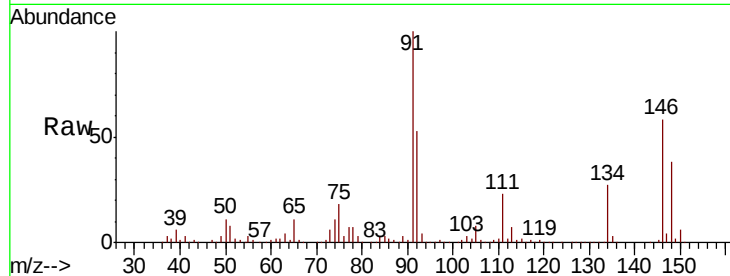




#89
n-Butylbenzene
Concen: 48.365 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

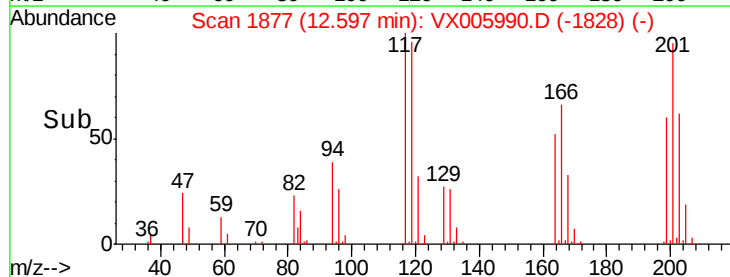
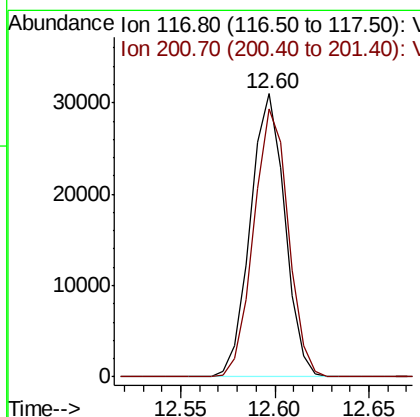
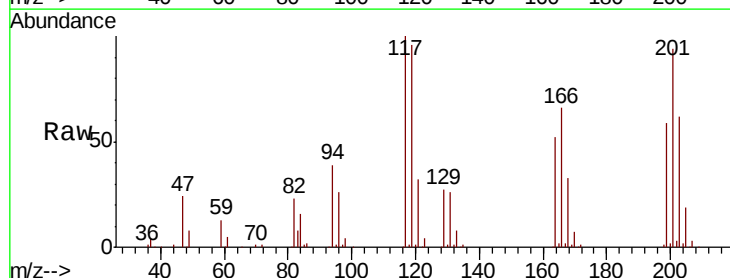
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tot Ion: 91 Resp: 203932
Ion Ratio Lower Upper
91 100
92 52.3 26.1 78.2
134 26.4 13.1 39.3



#90
Hexachloroethane
Concen: 51.636 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005990.D
Acq: 14 Nov 2018 22:48

Tgt Ion: 117 Resp: 39221
Ion Ratio Lower Upper
117 100
201 95.3 47.9 143.6

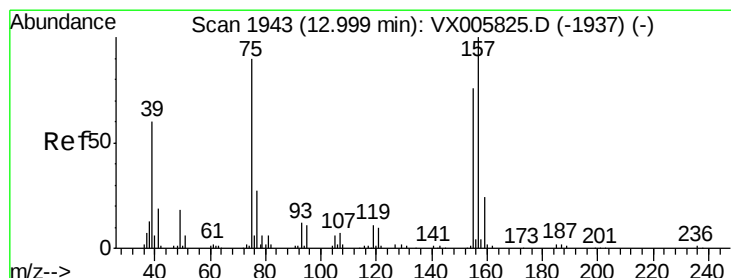
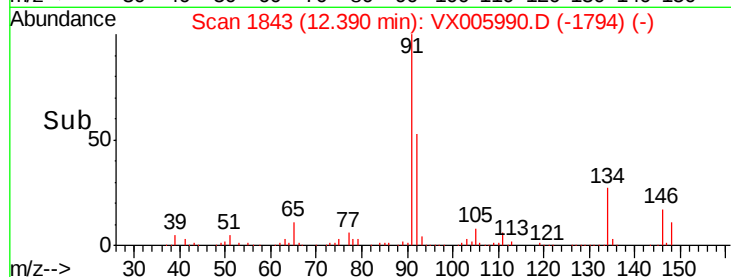
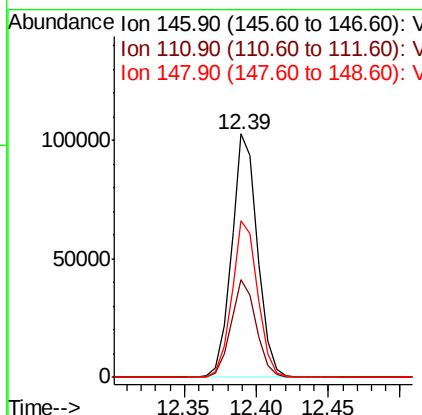
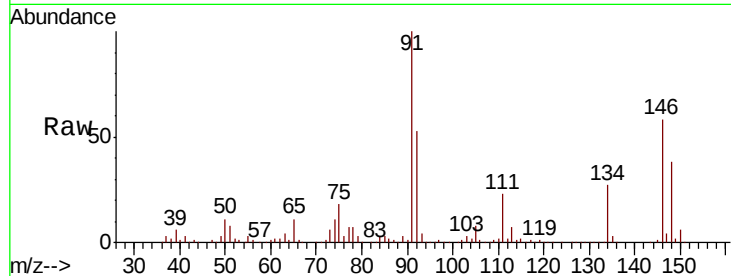




#91
 1,2-Dichlorobenzene
 Concen: 48.597 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

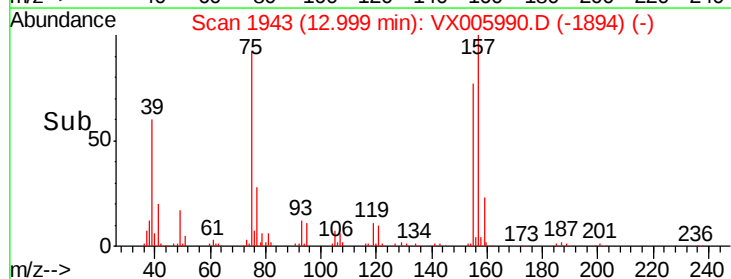
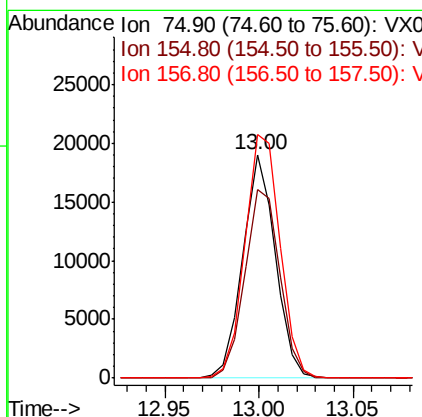
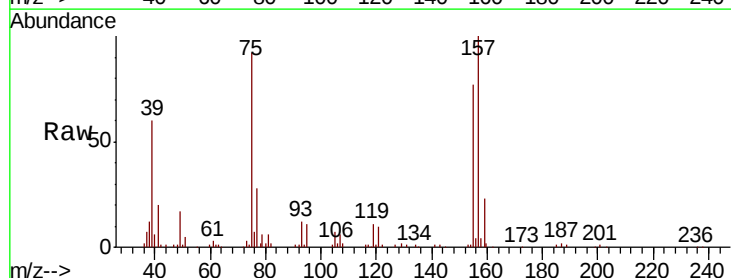
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

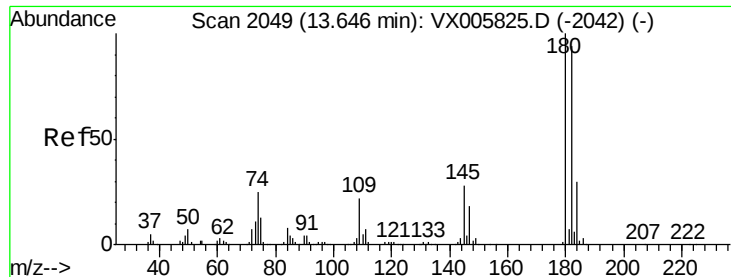
Tot Ion:146 Resp: 128658
 Ion Ratio Lower Upper
 146 100
 111 39.3 20.0 59.9
 148 64.4 32.2 96.6



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 52.193 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

Tgt Ion: 75 Resp: 22839
 Ion Ratio Lower Upper
 75 100
 155 90.7 45.4 136.1
 157 117.4 57.4 172.0

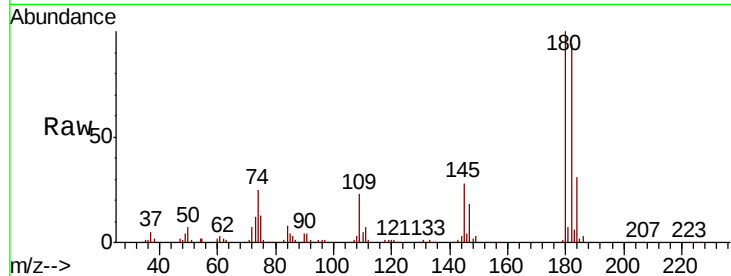




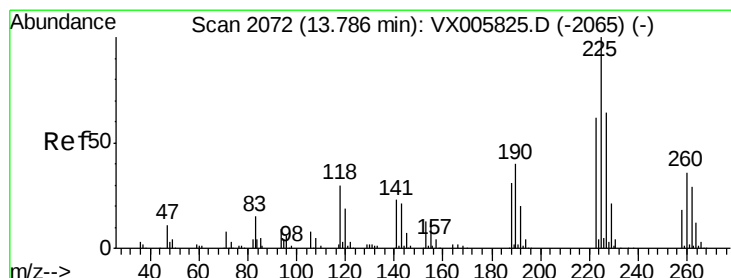
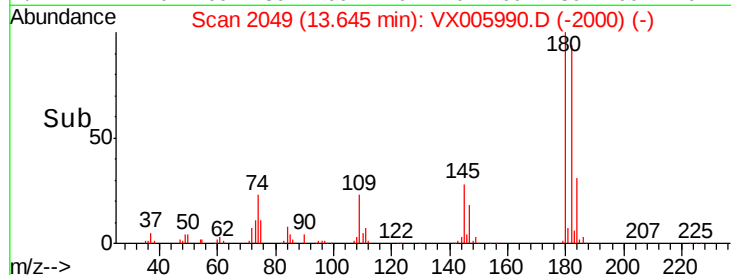
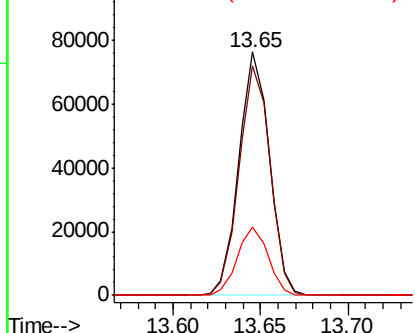
#93
 1,2,4-Trichlorobenzene
 Concen: 50.011 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Tot Ion:180 Resp: 93208
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.6 142.8
 145 28.2 14.1 42.2

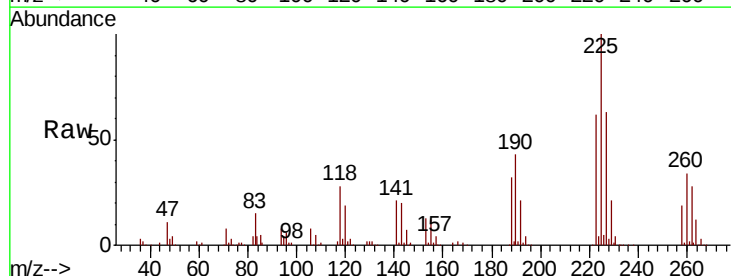


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

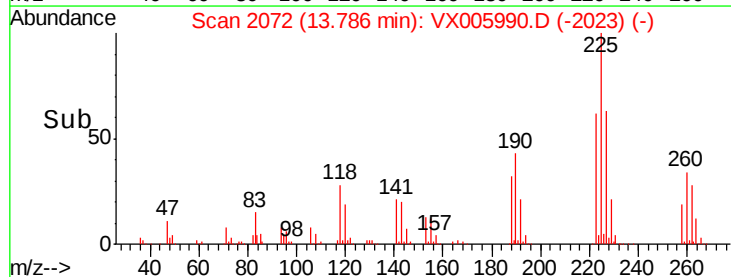
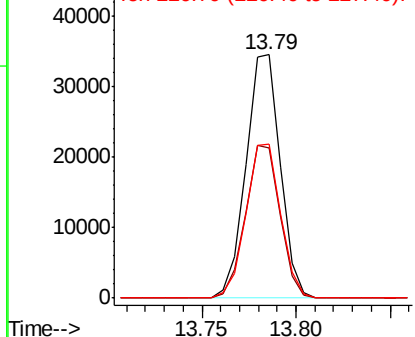


#94
 Hexachlorobutadiene
 Concen: 44.658 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX005990.D
 Acq: 14 Nov 2018 22:48

Tgt Ion:225 Resp: 43720
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.7 95.1
 227 63.7 32.3 96.9



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





#95

Naphthalene

Concen: 48.557 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

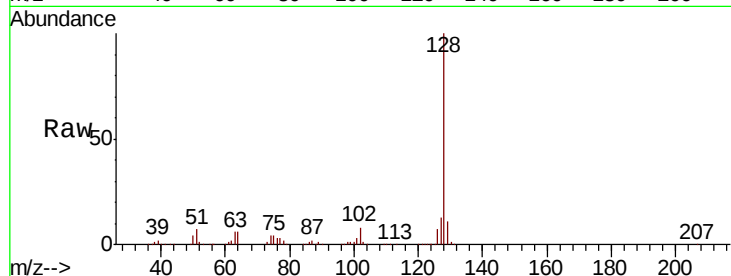
Tot Ion:128 Resp: 294917

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

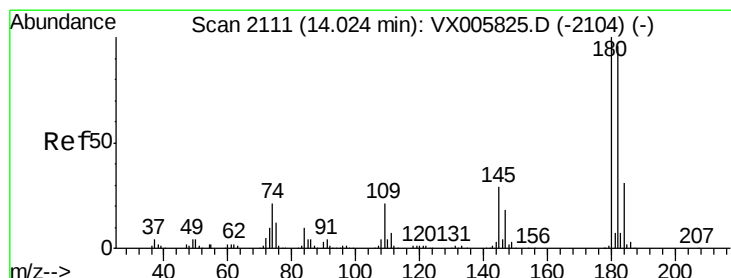
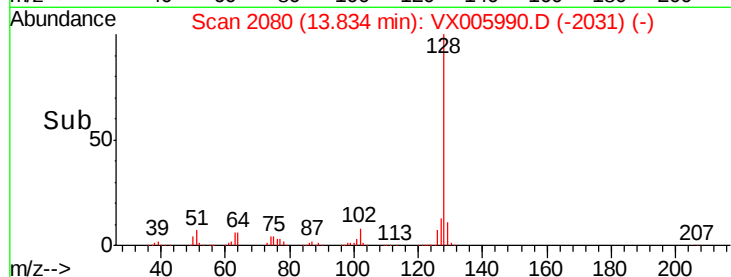
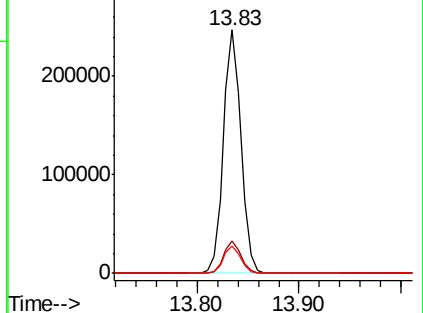
129 11.0 8.7 13.1



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: 50.308 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX005990.D

Acq: 14 Nov 2018 22:48

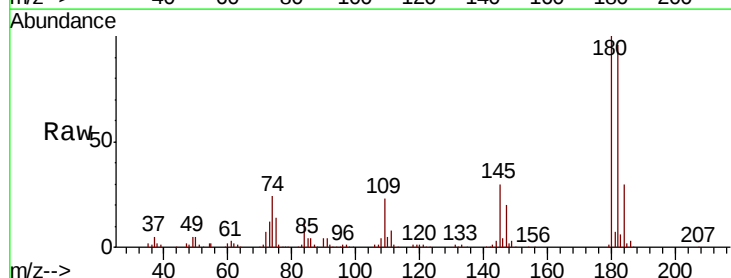
Tgt Ion:180 Resp: 95522

Ion Ratio Lower Upper

180 100

182 96.1 48.0 144.2

145 29.7 15.1 45.3



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

