

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004998.D
 Acq On : 04 Oct 2018 05:08
 Operator : JC/MD
 Sample : VX1004WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD02

Quant Time: Oct 04 08:48:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	283432	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	392269	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	363121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	214078	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	189076	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
35) Dibromofluoromethane	5.50	113	162475	48.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.74%	
50) Toluene-d8	8.71	98	558004	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
62) 4-Bromofluorobenzene	11.14	95	202085	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	77056	19.939	ug/l	95
3) Chloromethane	1.32	50	85716	18.282	ug/l	96
4) Vinyl Chloride	1.40	62	86608	19.695	ug/l	99
5) Bromomethane	1.64	94	47163	18.086	ug/l	94
6) Chloroethane	1.72	64	54467	21.396	ug/l	98
7) Trichlorofluoromethane	1.93	101	106709	19.601	ug/l	93
8) Diethyl Ether	2.19	74	47254	19.980	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.38	101	65047	20.976	ug/l	96
10) Methyl Iodide	2.51	142	63276	15.248	ug/l	94
11) Tert butyl alcohol	3.07	59	112985	99.802	ug/l	98
12) 1,1-Dichloroethene	2.37	96	60573	19.724	ug/l	95
13) Acrolein	2.29	56	22140	27.487	ug/l	94
14) Allyl chloride	2.73	41	126640	18.899	ug/l	96
15) Acrylonitrile	3.15	53	248375	99.662	ug/l	92
16) Acetone	2.45	43	214345	90.679	ug/l	92
17) Carbon Disulfide	2.57	76	166055	17.994	ug/l	98
18) Methyl Acetate	2.78	43	138688	23.157	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	230252	21.736	ug/l #	90
20) Methylene Chloride	2.85	84	73677	20.950	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	63111	18.773	ug/l #	80
22) Diisopropyl ether	3.87	45	241960	21.444	ug/l	95
23) Vinyl Acetate	3.82	43	1010061	97.793	ug/l #	94
24) 1,1-Dichloroethane	3.70	63	127790	18.986	ug/l	98
25) 2-Butanone	4.70	43	335179	96.197	ug/l	96
26) 2,2-Dichloropropane	4.58	77	57804	12.333	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	75953	20.224	ug/l	96
28) Bromochloromethane	5.02	49	60207	18.995	ug/l	93
29) Tetrahydrofuran	5.16	42	218521	100.905	ug/l	98
30) Chloroform	5.21	83	131906	20.736	ug/l	90
31) Cyclohexane	5.58	56	107861	20.938	ug/l	91
32) 1,1,1-Trichloroethane	5.49	97	101304	19.500	ug/l	97
36) 1,1-Dichloropropene	5.80	75	84471	18.623	ug/l	97
37) Ethyl Acetate	4.85	43	124486	20.675	ug/l	99
38) Carbon Tetrachloride	5.78	117	86775	18.199	ug/l	95

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 03 04:00:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	90399	19.518	ug/l #	85
40) Benzene	6.14	78	271257	19.102	ug/l	92
41) Methacrylonitrile	5.06	41	67525	20.223	ug/l	97
42) 1,2-Dichloroethane	6.20	62	94650	18.855	ug/l	99
43) Isopropyl Acetate	6.46	43	181357	20.869	ug/l	97
44) Trichloroethene	7.21	130	68871	19.729	ug/l	99
45) 1,2-Dichloropropane	7.52	63	70143	20.142	ug/l	99
46) Dibromomethane	7.66	93	43997	20.103	ug/l	99
47) Bromodichloromethane	7.90	83	81954	20.001	ug/l	99
48) Methyl methacrylate	7.78	41	82677	20.960	ug/l	96
49) 1,4-Dioxane	7.75	88	38368	391.532	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	581328	106.240	ug/l	100
52) Toluene	8.79	92	160549	20.575	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	84966	18.350	ug/l	92
54) cis-1,3-Dichloropropene	8.43	75	93021	19.180	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	67436	19.730	ug/l	96
56) Ethyl methacrylate	9.18	69	100999	20.030	ug/l	95
57) 1,3-Dichloropropane	9.37	76	111794	19.652	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	277786	103.192	ug/l	99
59) 2-Hexanone	9.50	43	457696	100.377	ug/l	95
60) Dibromochloromethane	9.59	129	65232	19.084	ug/l	99
61) 1,2-Dibromoethane	9.67	107	69479	18.981	ug/l	96
64) Tetrachloroethene	9.34	164	71788	20.087	ug/l	97
65) Chlorobenzene	10.14	112	178418	19.161	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	63064	19.265	ug/l	99
67) Ethyl Benzene	10.26	91	293073	19.825	ug/l	97
68) m/p-Xylenes	10.36	106	229913	39.799	ug/l	95
69) o-Xylene	10.70	106	110008	20.733	ug/l	100
70) Styrene	10.71	104	183711	19.860	ug/l	99
71) Bromoform	10.86	173	51340	18.319	ug/l #	95
73) Isopropylbenzene	11.02	105	298583	22.128	ug/l	100
74) N-amyl acetate	10.90	43	140075	19.974	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	106382	19.367	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	116304	24.239	ug/l	86
77) Bromobenzene	11.26	156	81633	20.828	ug/l	99
78) n-propylbenzene	11.36	91	334135	21.582	ug/l	99
79) 2-Chlorotoluene	11.42	91	203928	21.132	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	246428	19.806	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24185	15.188	ug/l	96
82) 4-Chlorotoluene	11.51	91	238978	21.039	ug/l	100
83) tert-Butylbenzene	11.77	119	241150	21.706	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	259388	20.220	ug/l	100
85) sec-Butylbenzene	11.94	105	287389	21.238	ug/l	100
86) p-Isopropyltoluene	12.07	119	256793	20.945	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	145275	19.850	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	148728	19.686	ug/l	99
89) n-Butylbenzene	12.39	91	218318	19.607	ug/l	100
90) Hexachloroethane	12.60	117	38349	18.787	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	147860	19.333	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23841	19.768	ug/l	98

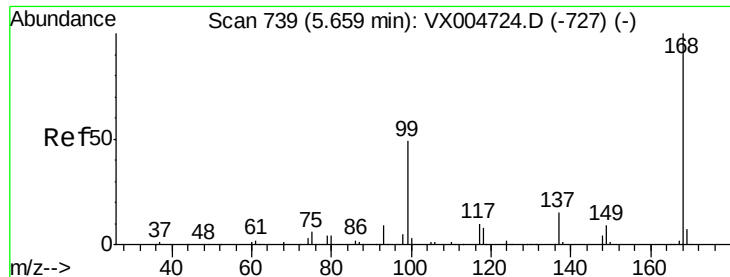
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	104781	19.530	ug/l	100
94) Hexachlorobutadiene	13.78	225	50936	18.309	ug/l	99
95) Naphthalene	13.83	128	342962	19.702	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	109978	19.844	ug/l	99

(#) = 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: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

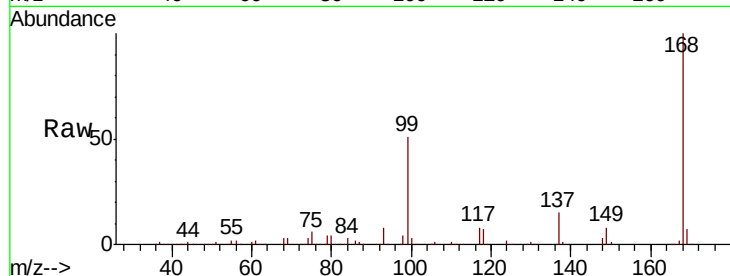
VX1004WBSD02

Tot Ion:168 Resp: 283432

Ion Ratio Lower Upper

168 100

99 50.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): VX004724.D (-727) (-)

Ion 98.90 (98.60 to 99.60): VX004724.D (-727) (-)

5.67

100000

80000

60000

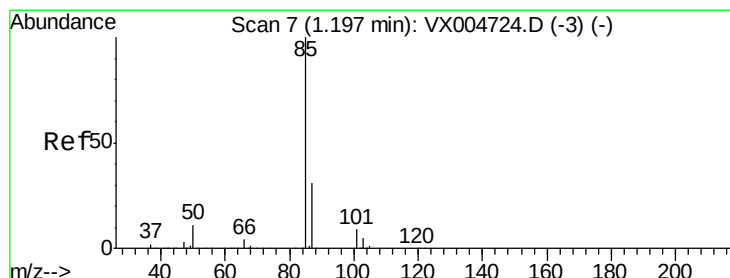
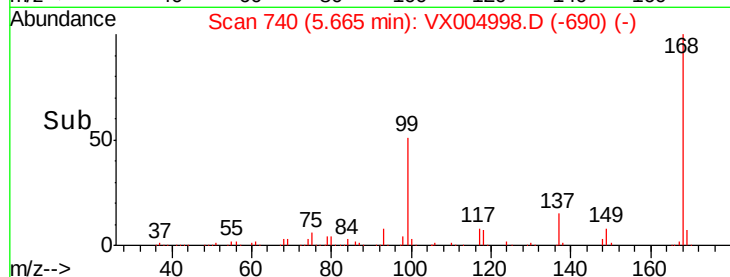
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 19.939 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004998.D

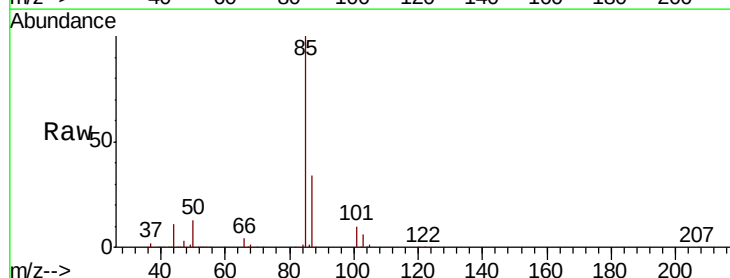
Acq: 04 Oct 2018 05:08

Tgt Ion: 85 Resp: 77056

Ion Ratio Lower Upper

85 100

87 34.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX004724.D (-3) (-)

Ion 86.90 (86.60 to 87.60): VX004724.D (-3) (-)

1.20

80000

60000

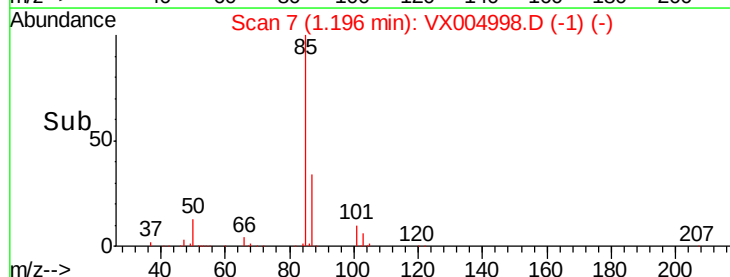
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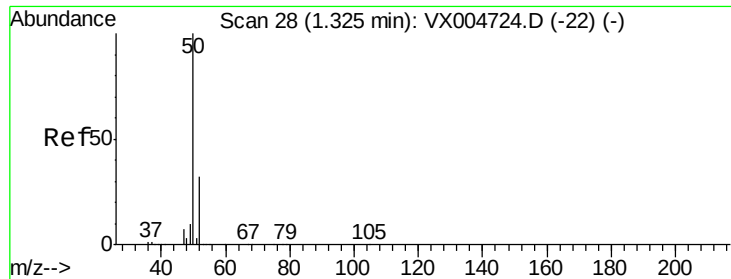
20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 18.282 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

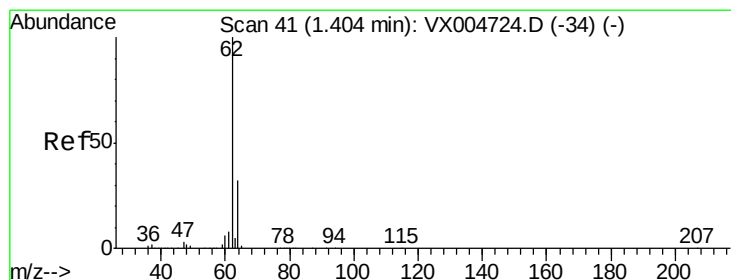
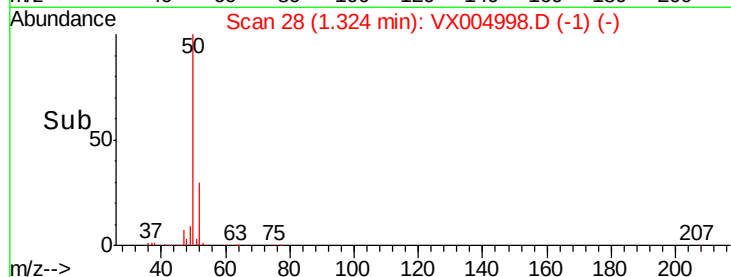
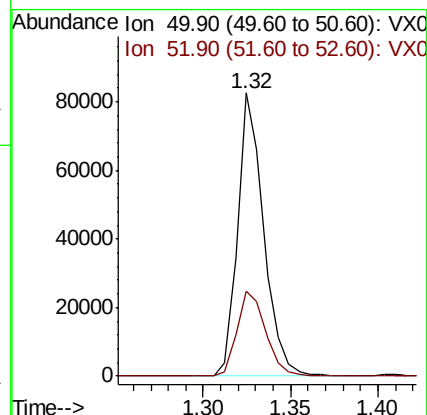
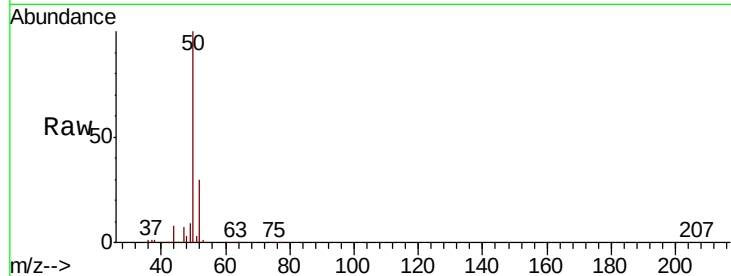
VX1004WBSD02

Tot Ion: 50 Resp: 85716

Ion Ratio Lower Upper

50 100

52 29.9 25.8 38.6



#4

Vinyl Chloride

Concen: 19.695 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004998.D

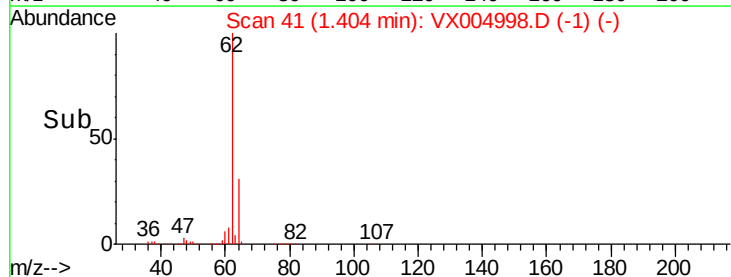
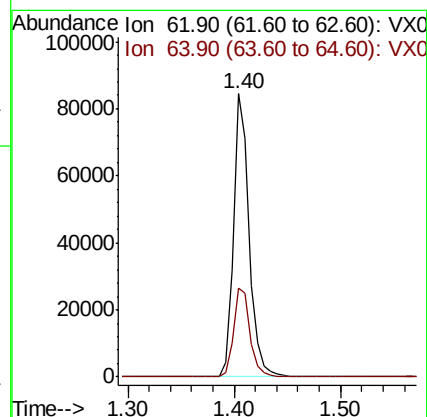
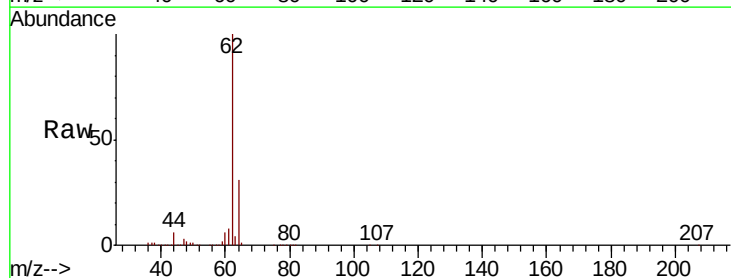
Acq: 04 Oct 2018 05:08

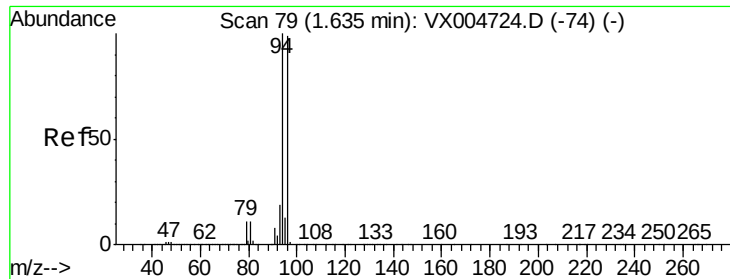
Tgt Ion: 62 Resp: 86608

Ion Ratio Lower Upper

62 100

64 31.4 25.5 38.3





#5

Bromomethane

Concen: 18.086 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

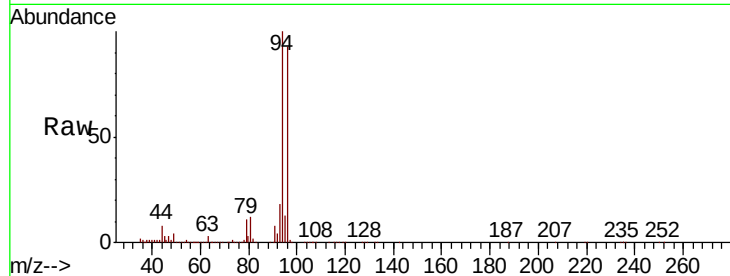
VX1004WBSD02

Tot Ion: 94 Resp: 47163

Ion Ratio Lower Upper

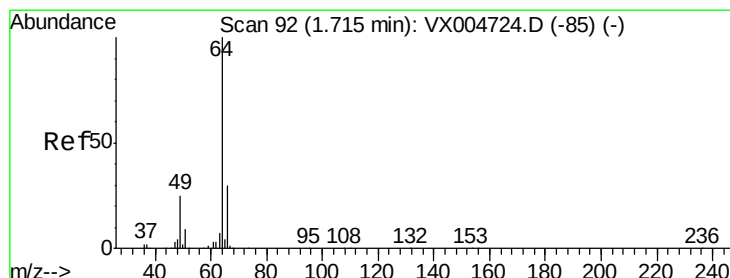
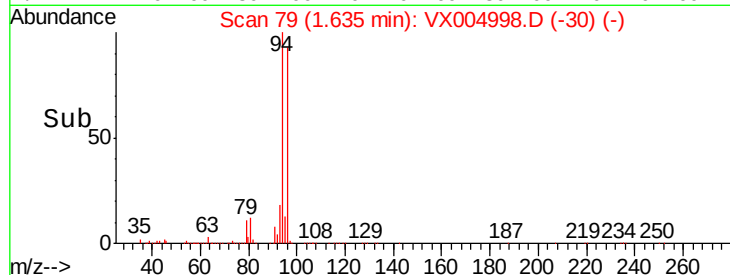
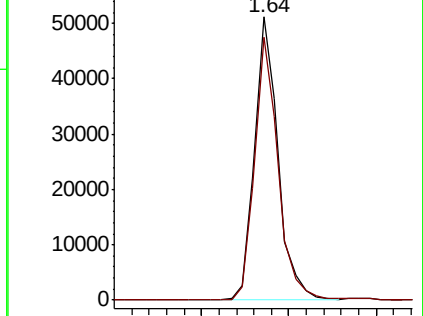
94 100

96 93.1 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 21.396 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004998.D

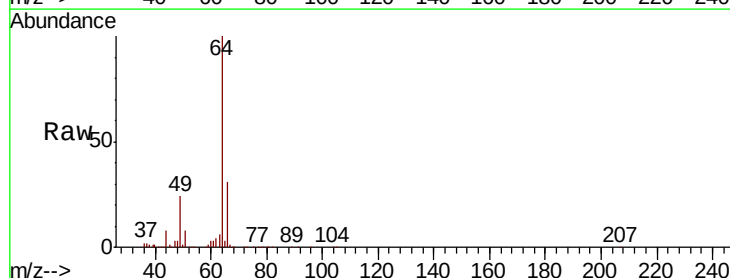
Acq: 04 Oct 2018 05:08

Tgt Ion: 64 Resp: 54467

Ion Ratio Lower Upper

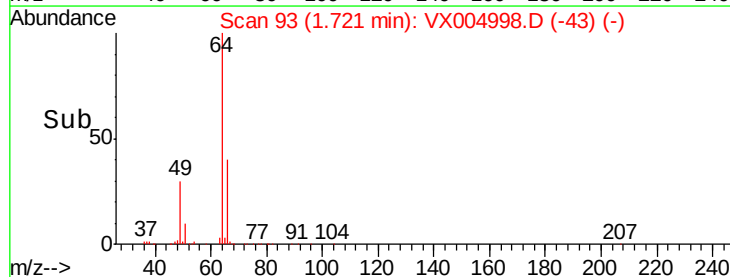
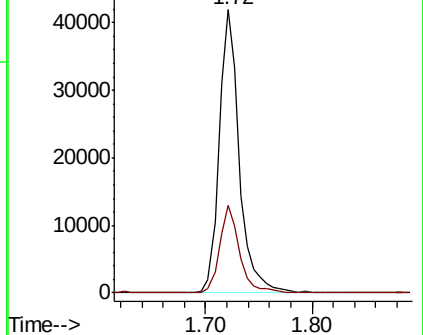
64 100

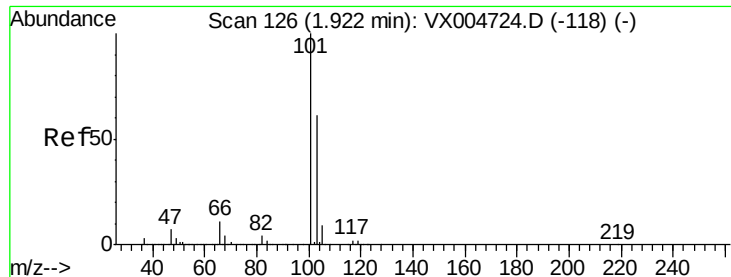
66 30.9 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



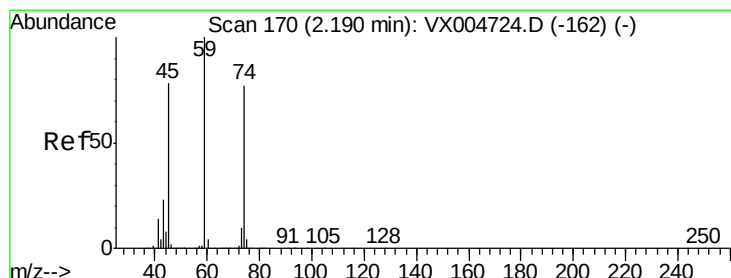
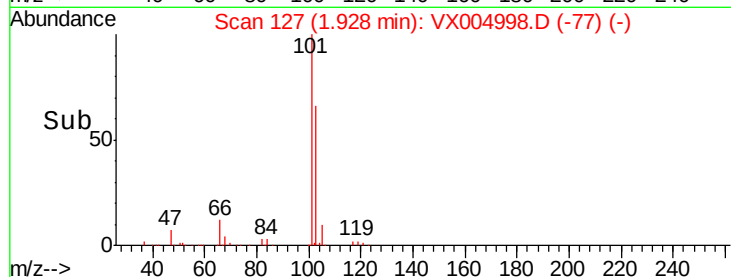
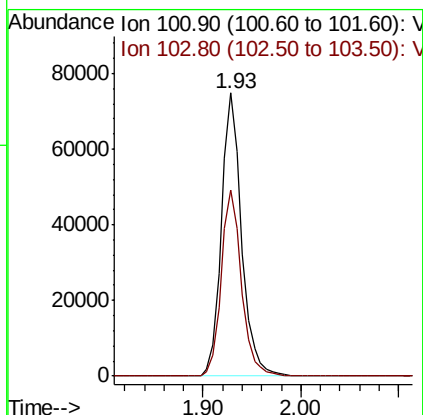
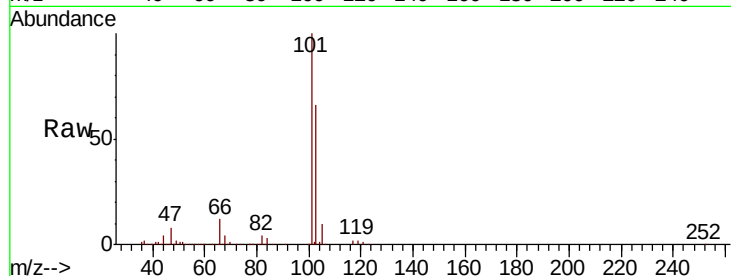


#7

Trichlorofluoromethane
 Concen: 19.601 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD02

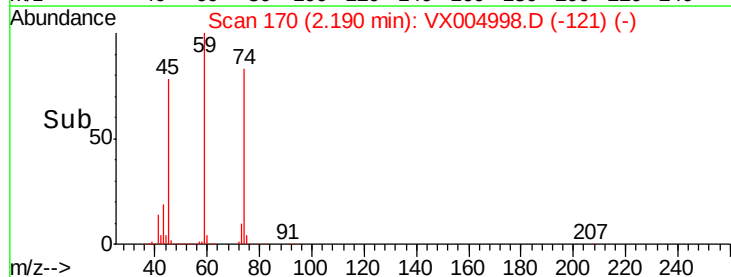
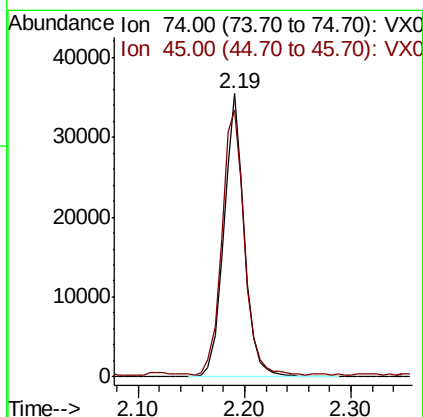
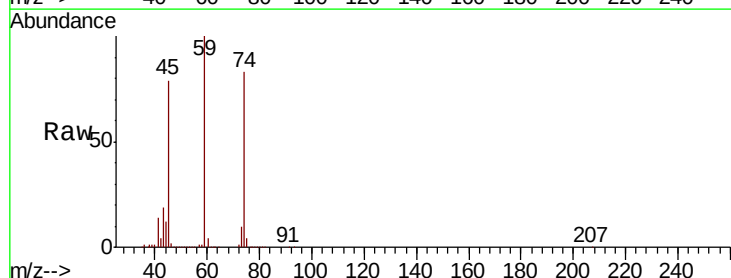
Tot Ion:101 Resp: 106709
 Ion Ratio Lower Upper
 101 100
 103 65.6 48.4 72.6

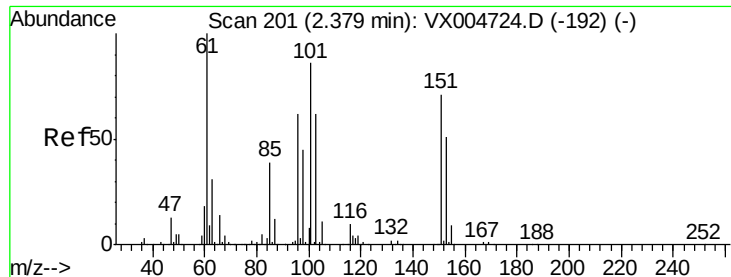


#8

Diethyl Ether
 Concen: 19.980 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Tgt Ion: 74 Resp: 47254
 Ion Ratio Lower Upper
 74 100
 45 102.5 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.976 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

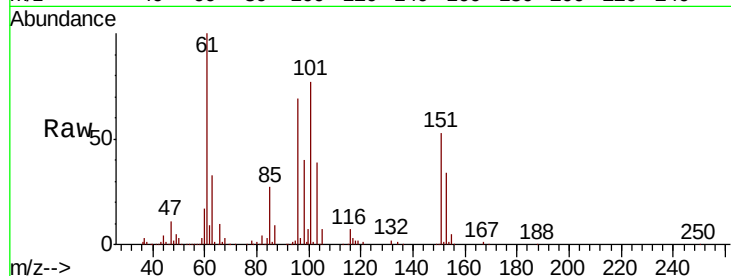
Tot Ion:101 Resp: 65047

Ion Ratio Lower Upper

101 100

85 40.8 35.9 53.9

151 80.5 66.6 100.0

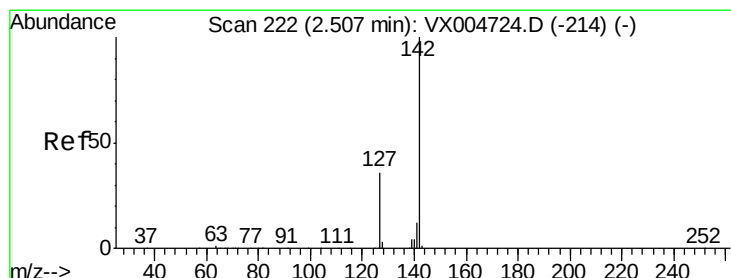
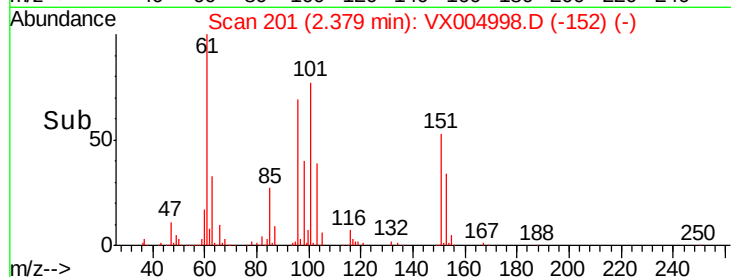
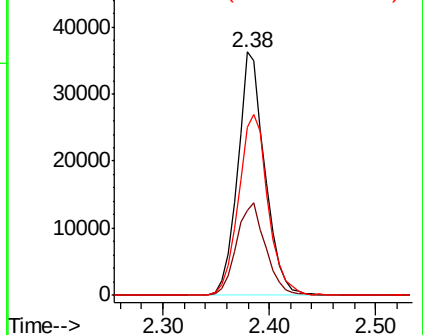


Abundance

Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 15.248 ug/l

RT: 2.51 min Scan# 223

Delta R.T. 0.01 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

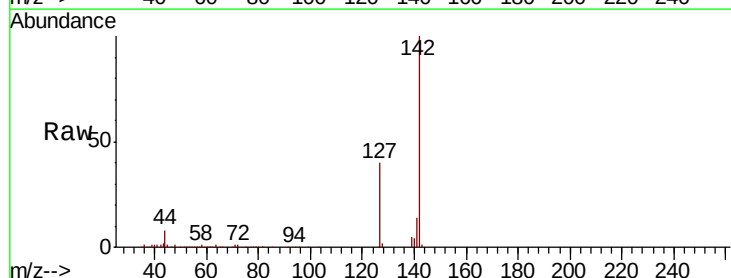
Tgt Ion:142 Resp: 63276

Ion Ratio Lower Upper

142 100

127 41.2 30.1 45.1

141 14.3 10.1 15.1

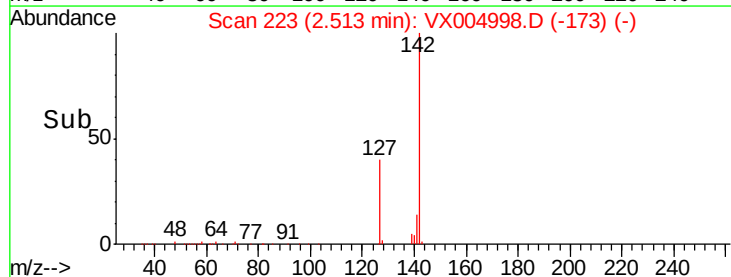
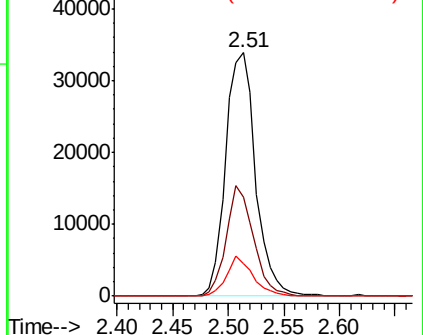


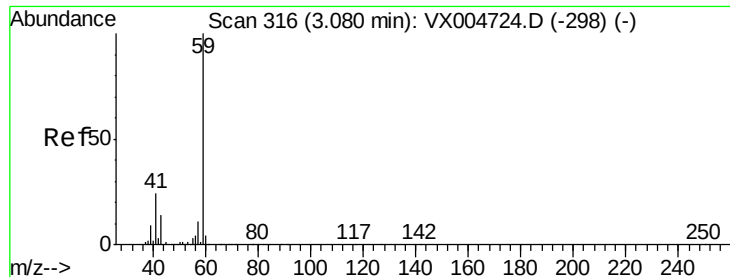
Abundance

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



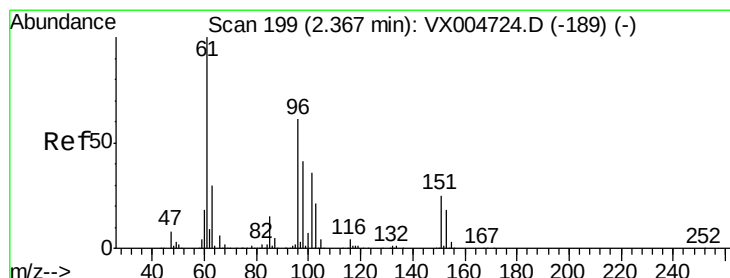
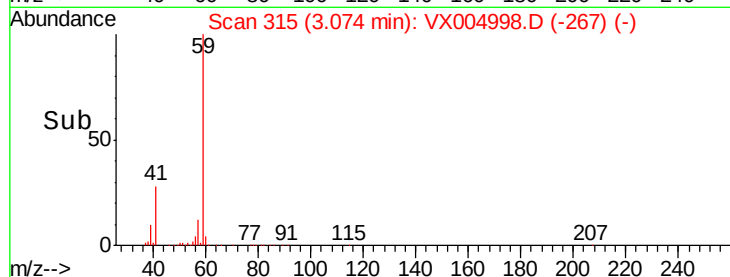
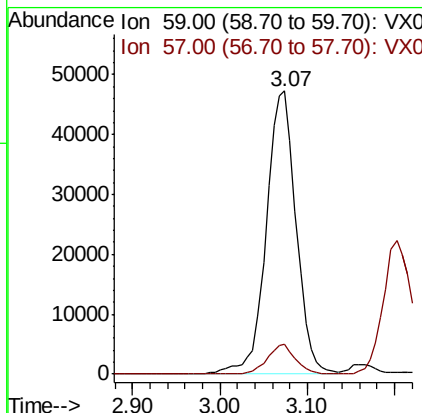
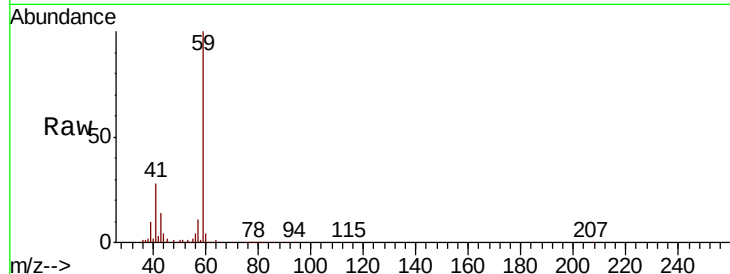


#11

Tert butyl alcohol
 Concen: 99.802 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1004WBSD02

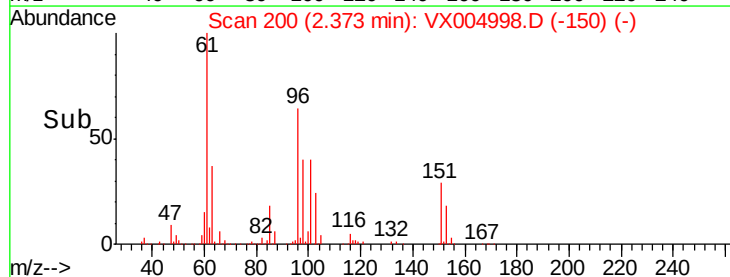
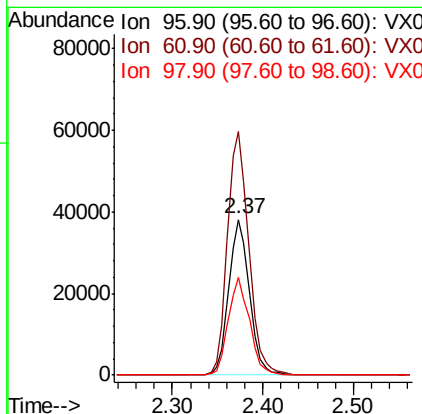
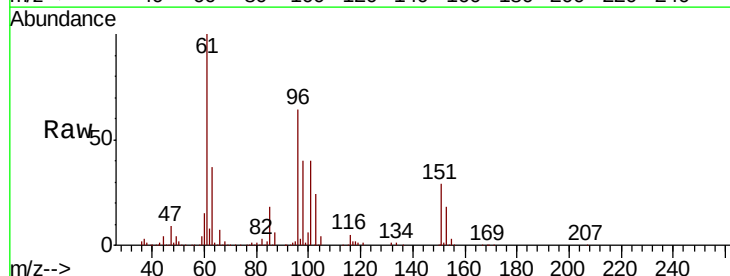
Tot Ion: 59 Resp: 112985
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.6 12.8

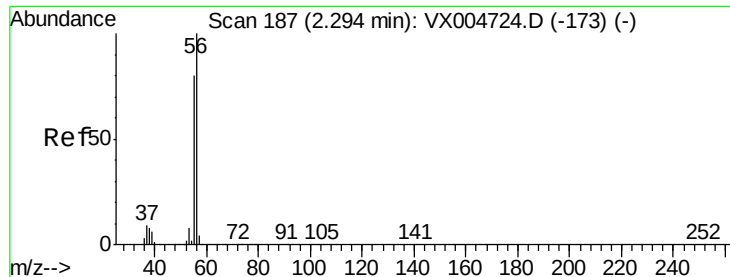


#12

1,1-Dichloroethene
 Concen: 19.724 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Tgt Ion: 96 Resp: 60573
 Ion Ratio Lower Upper
 96 100
 61 156.5 130.2 195.4
 98 63.0 53.4 80.0





#13

Acrolein

Concen: 27.487 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

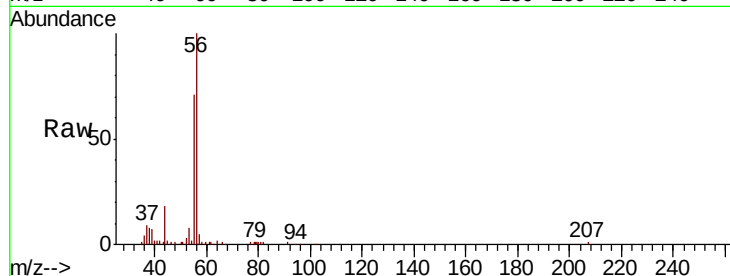
VX1004WBSD02

Tot Ion: 56 Resp: 22140

Ion Ratio Lower Upper

56 100

55 74.1 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

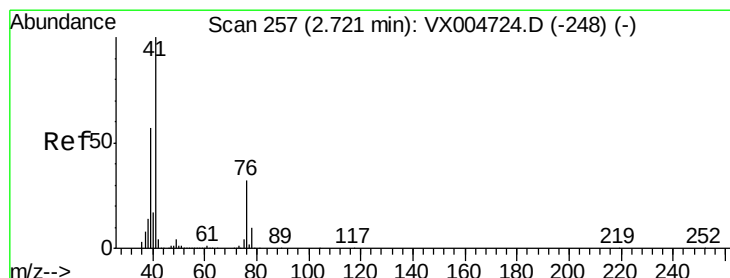
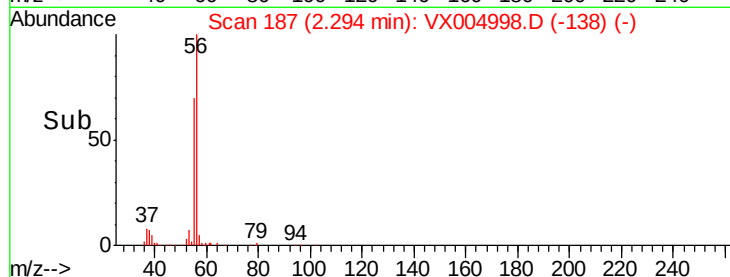
15000

10000

5000

0

Time--> 2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 18.899 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

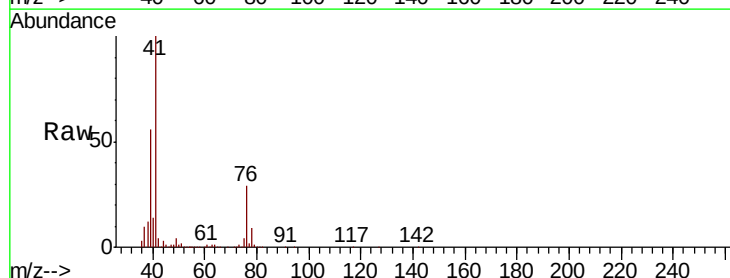
Tgt Ion: 41 Resp: 126640

Ion Ratio Lower Upper

41 100

39 57.4 44.1 66.1

76 28.3 25.0 37.4



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

120000

100000

80000

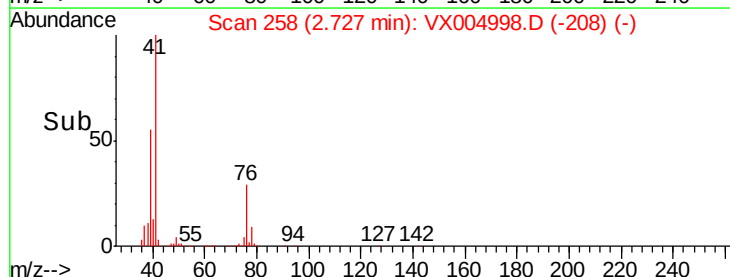
60000

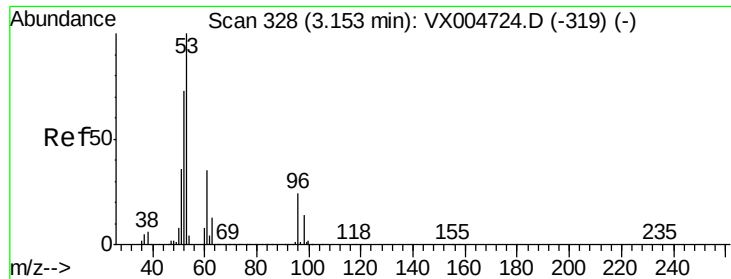
40000

20000

0

Time--> 2.60 2.70 2.80





#15

Acrylonitrile

Concen: 99.662 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleID :

VX1004WBSD02

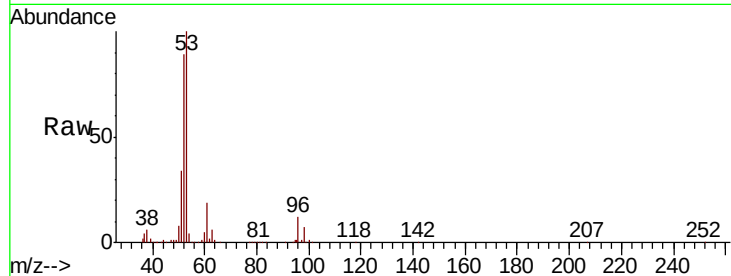
Tot Ion: 53 Resp: 248375

Ion Ratio Lower Upper

53 100

52 88.1 63.0 94.4

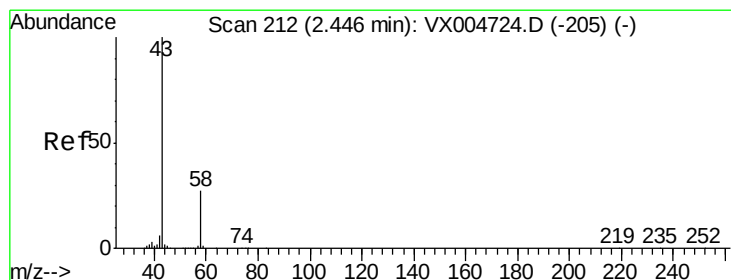
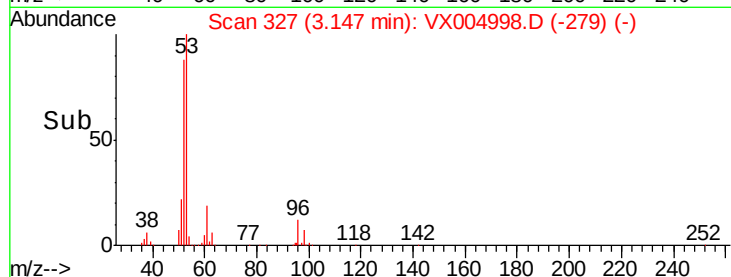
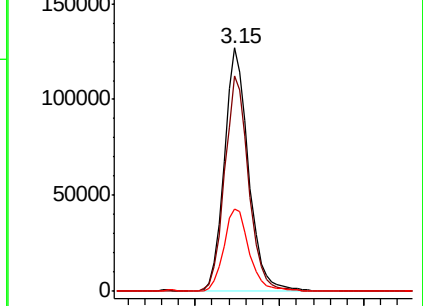
51 35.5 28.6 42.8



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 90.679 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004998.D

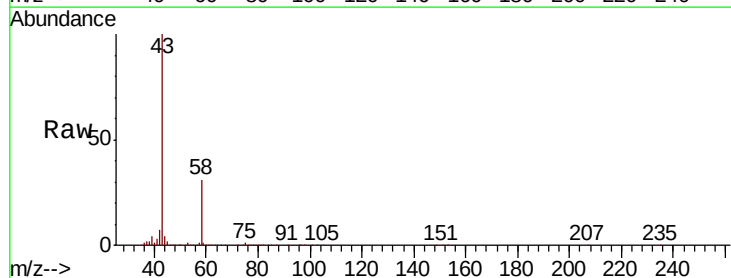
Acq: 04 Oct 2018 05:08

Tgt Ion: 43 Resp: 214345

Ion Ratio Lower Upper

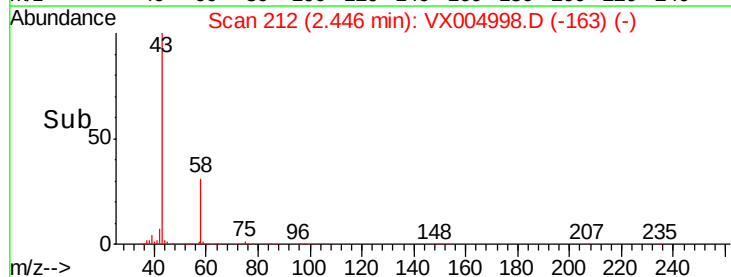
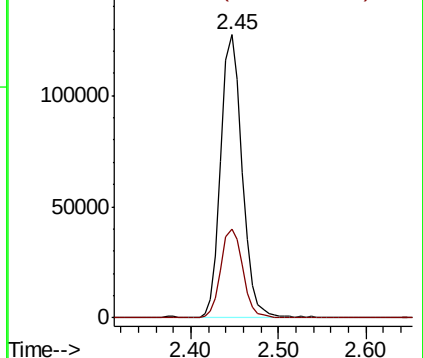
43 100

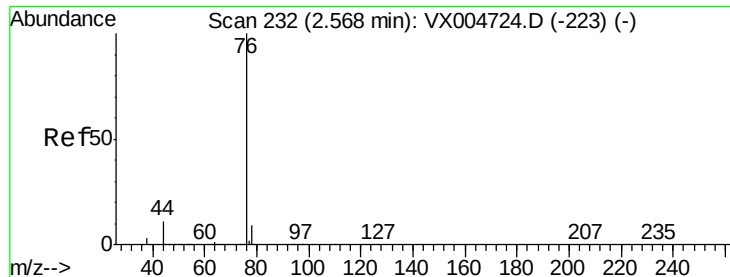
58 31.2 21.8 32.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 17.994 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

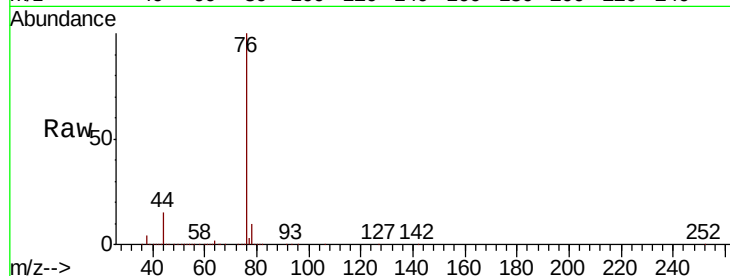
VX1004WBSD02

Tot Ion: 76 Resp: 166055

Ion Ratio Lower Upper

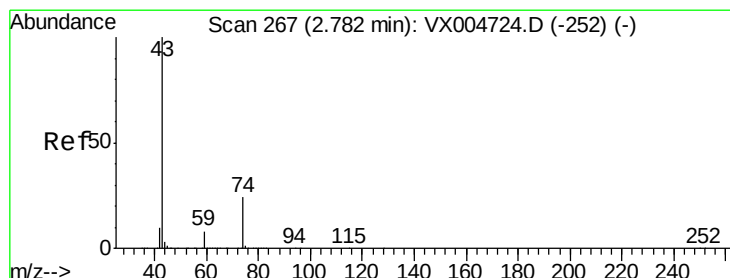
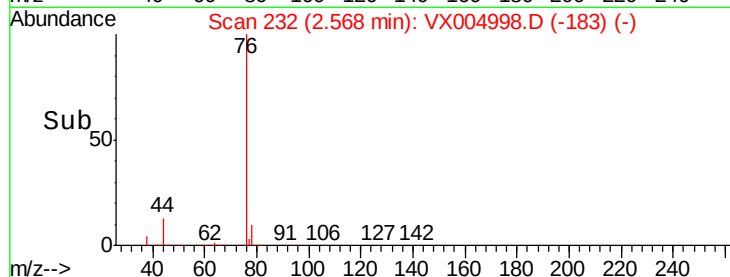
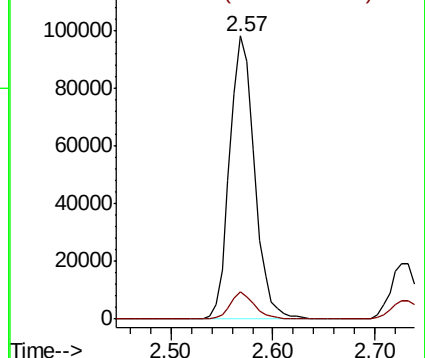
76 100

78 9.6 7.0 10.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 23.157 ug/l

RT: 2.78 min Scan# 266

Delta R.T. -0.01 min

Lab File: VX004998.D

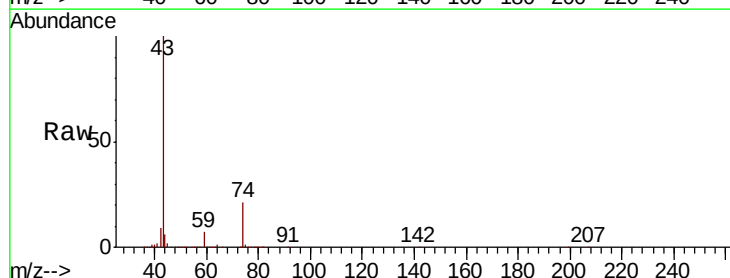
Acq: 04 Oct 2018 05:08

Tgt Ion: 43 Resp: 138688

Ion Ratio Lower Upper

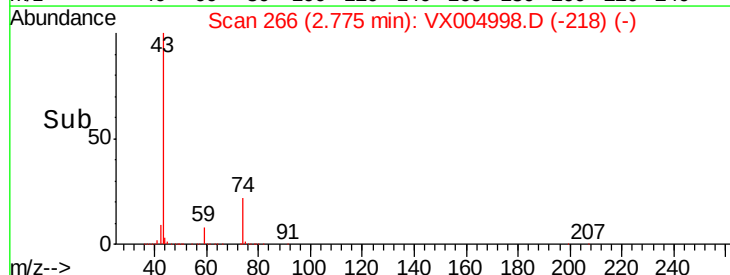
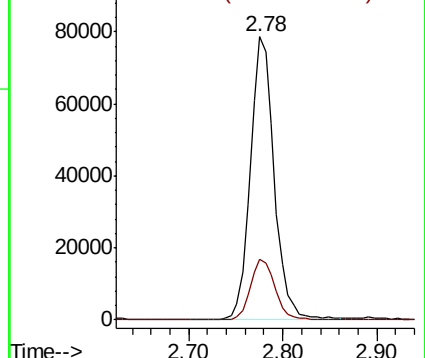
43 100

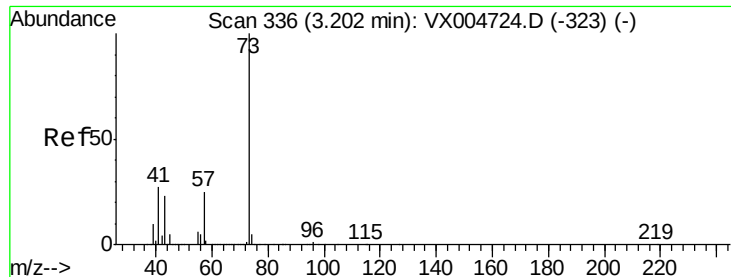
74 22.6 17.8 26.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



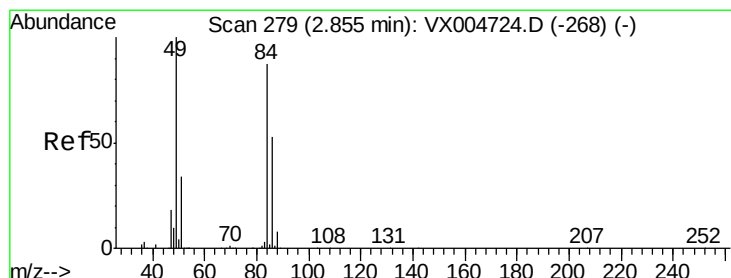
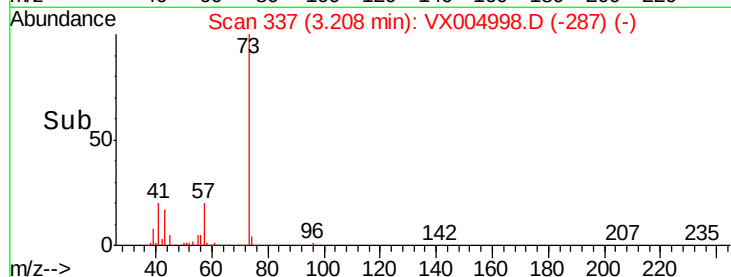
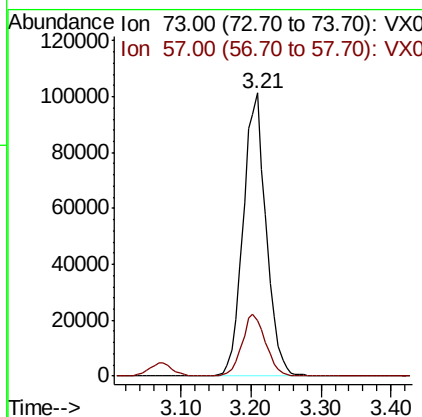
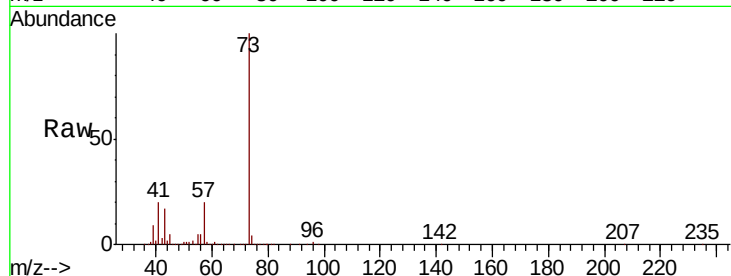


#19

Methyl tert-butyl Ether
 Concen: 21.736 ug/l
 RT: 3.21 min Scan# 337
 Delta R.T. 0.01 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD02

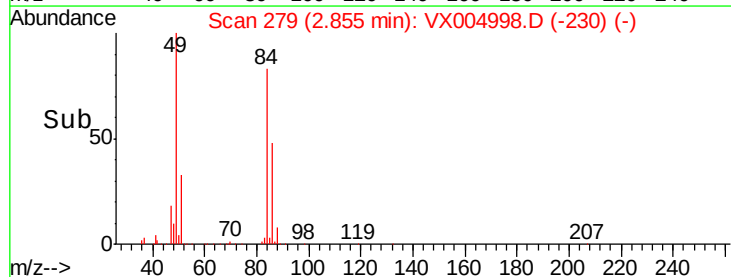
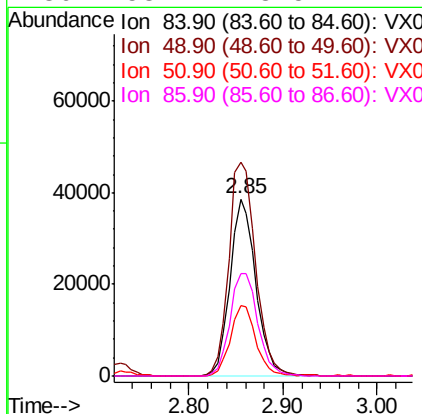
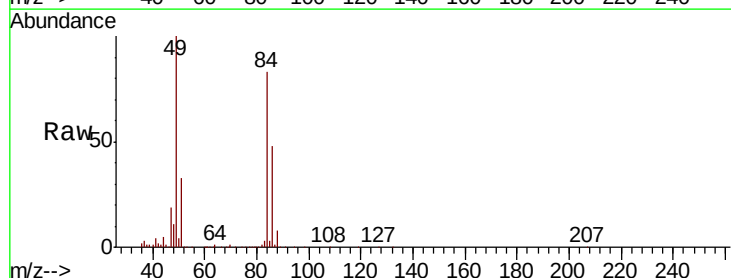
Tot Ion: 73 Resp: 230252
 Ion Ratio Lower Upper
 73 100
 57 19.8 19.9 29.9#

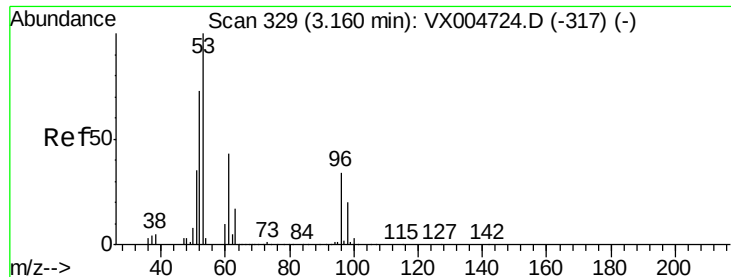


#20

Methylene Chloride
 Concen: 20.950 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Tgt Ion: 84 Resp: 73677
 Ion Ratio Lower Upper
 84 100
 49 120.5 92.3 138.5
 51 39.5 31.8 47.6
 86 58.1 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 18.773 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

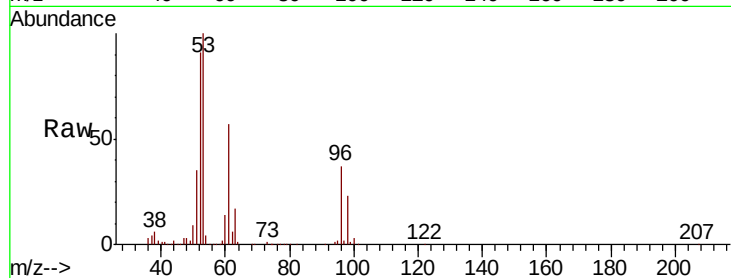
Tot Ion: 96 Resp: 63111

Ion Ratio Lower Upper

96 100

61 156.3 101.0 151.6#

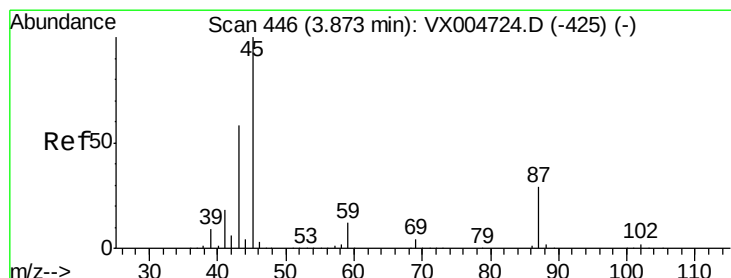
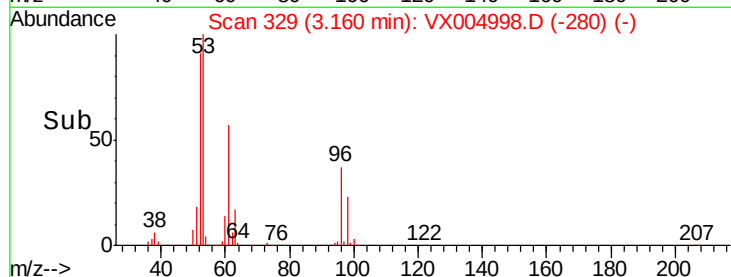
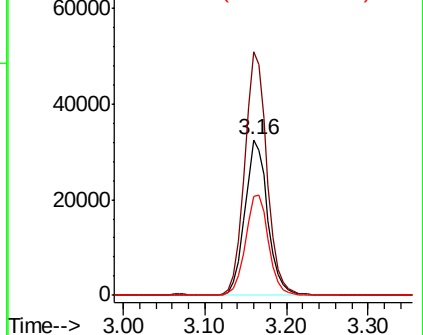
98 63.8 47.2 70.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.444 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.01 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Tgt Ion: 45 Resp: 241960

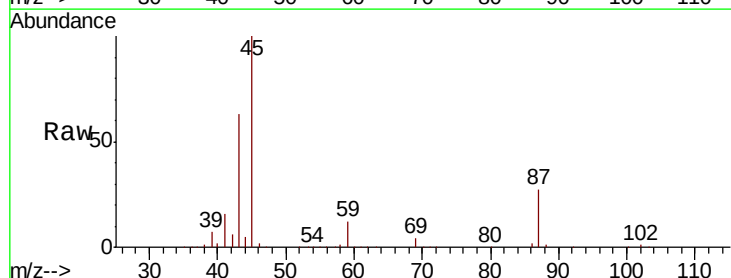
Ion Ratio Lower Upper

45 100

43 62.5 46.7 70.1

87 26.7 22.9 34.3

59 12.5 9.3 13.9

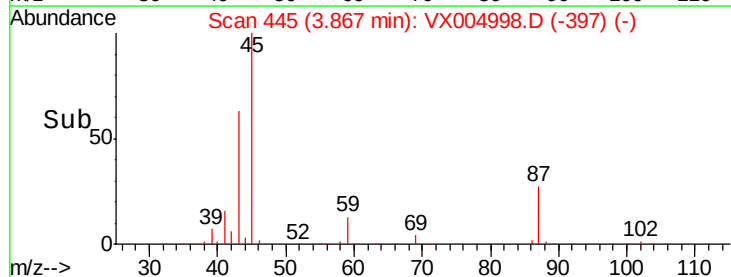
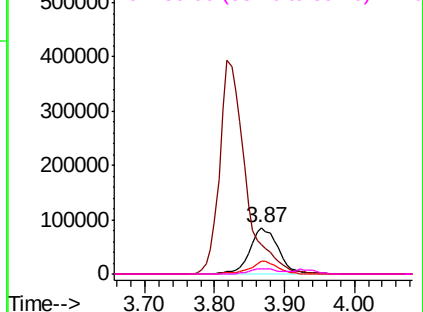


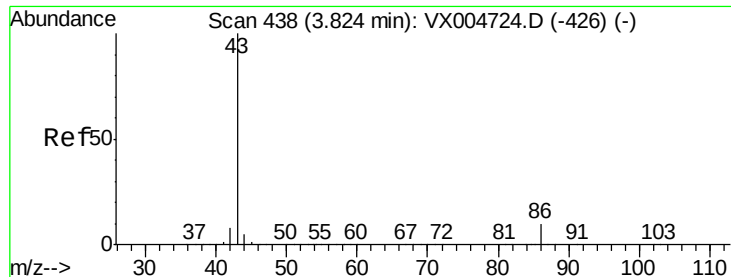
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 97.793 ug/l

RT: 3.82 min Scan# 437

Delta R.T. -0.01 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

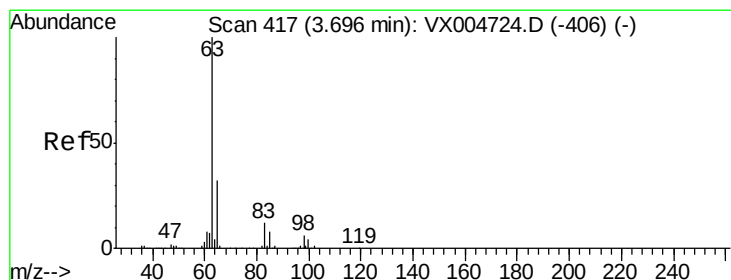
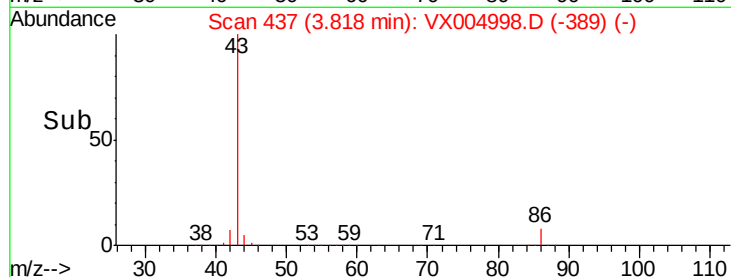
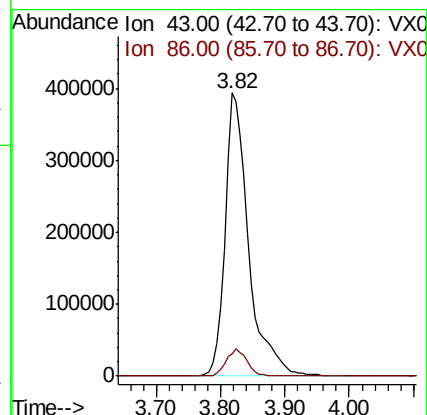
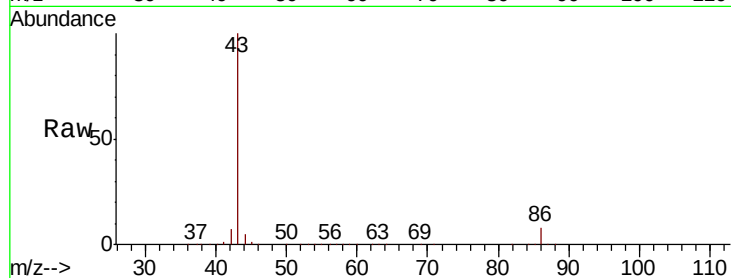
VX1004WBSD02

Tot Ion: 43 Resp: 1010061

Ion Ratio Lower Upper

43 100

86 7.9 8.1 12.1#



#24

1,1-Dichloroethane

Concen: 18.986 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

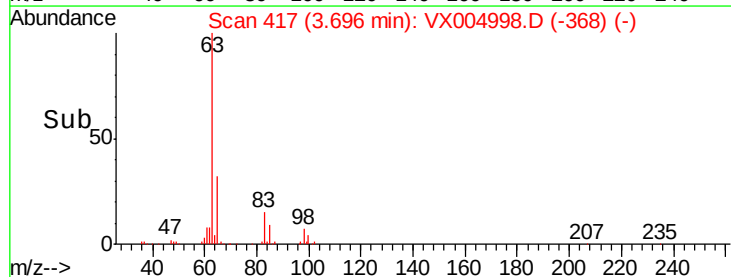
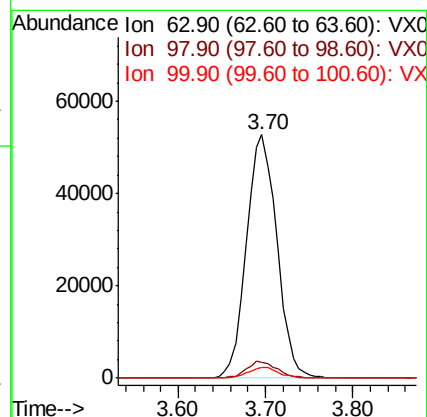
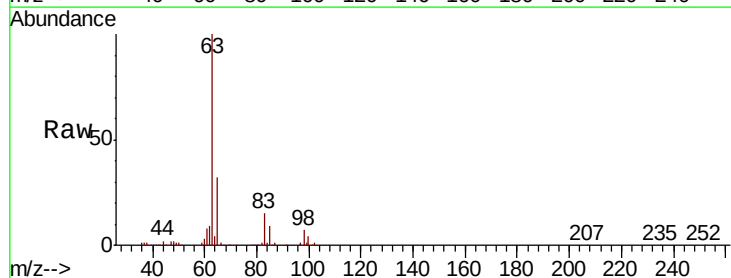
Tgt Ion: 63 Resp: 127790

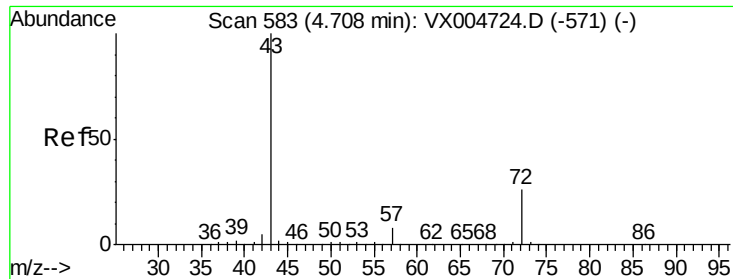
Ion Ratio Lower Upper

63 100

98 6.7 3.0 9.2

100 4.4 2.0 5.8





#25

2-Butanone

Concen: 96.197 ug/l

RT: 4.70 min Scan# 582

Delta R.T. -0.01 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

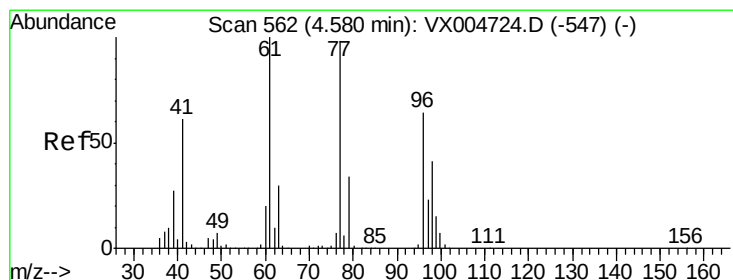
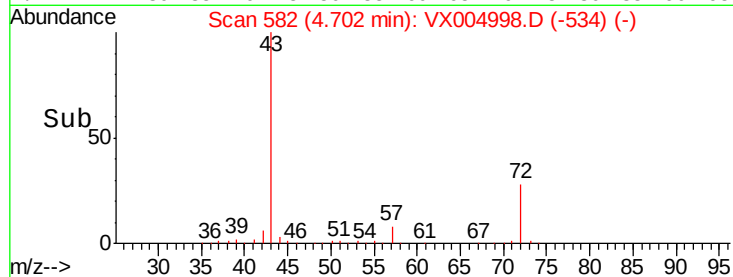
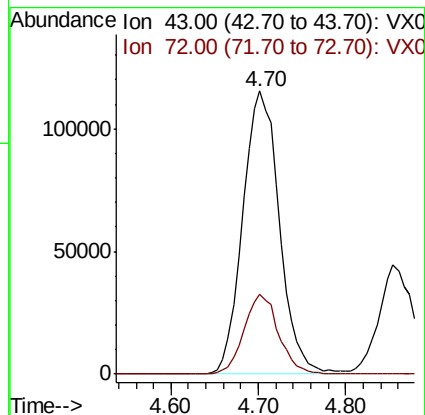
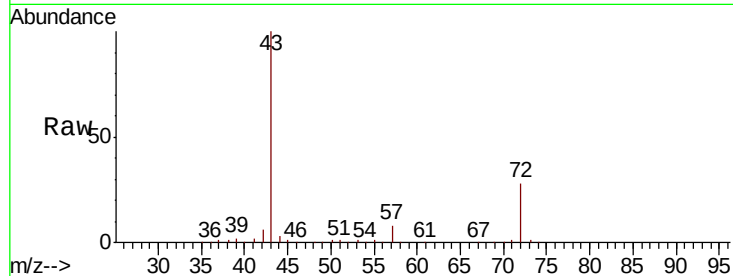
VX1004WBSD02

Tot Ion: 43 Resp: 335179

Ion Ratio Lower Upper

43 100

72 28.1 20.8 31.2



#26

2,2-Dichloropropane

Concen: 12.333 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX004998.D

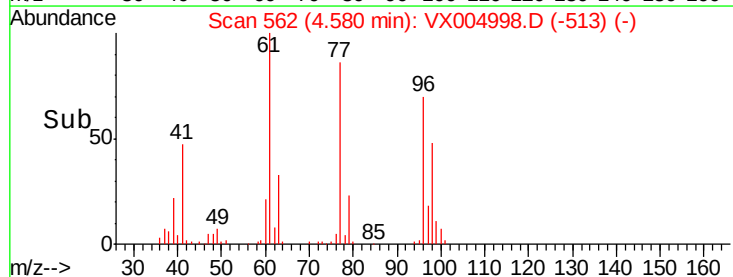
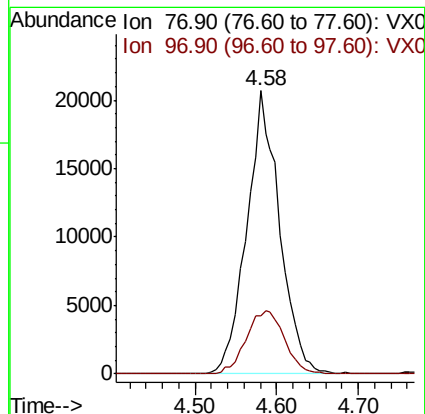
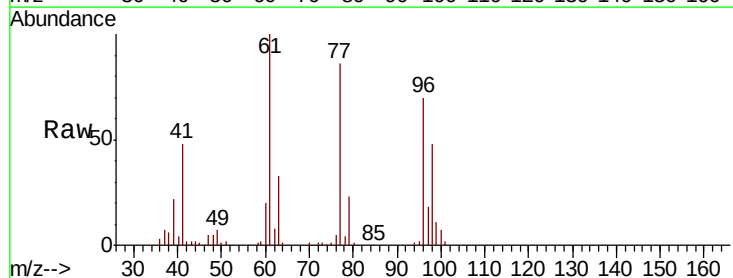
Acq: 04 Oct 2018 05:08

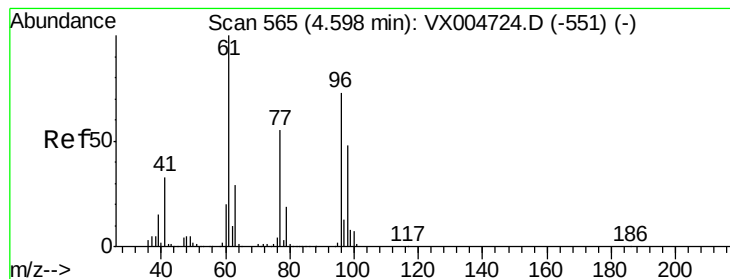
Tgt Ion: 77 Resp: 57804

Ion Ratio Lower Upper

77 100

97 26.1 12.6 37.8



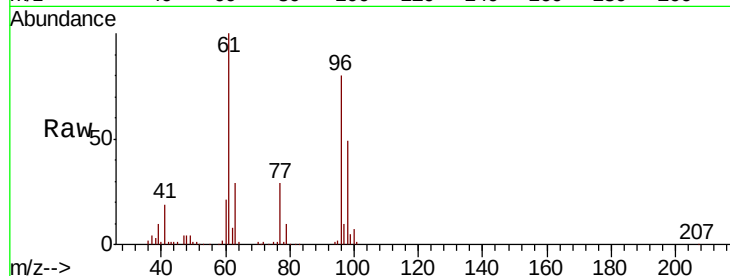


#27

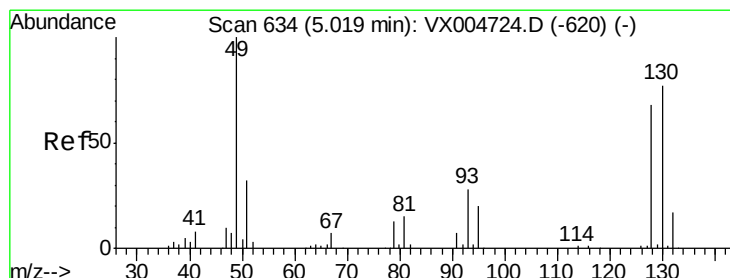
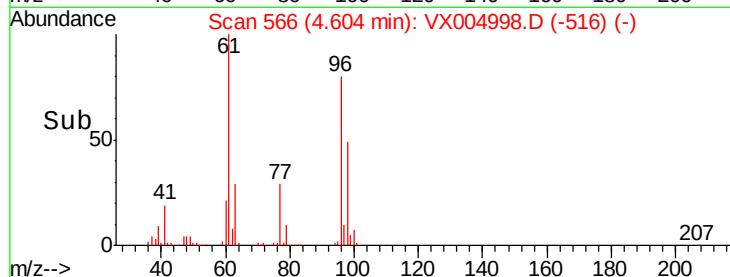
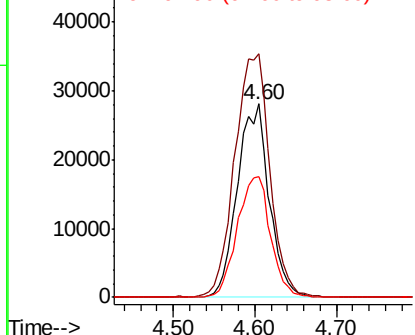
cis-1,2-Dichloroethene
 Concen: 20.224 ug/l
 RT: 4.60 min Scan# 566
 Delta R.T. 0.01 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD02

Tot Ion	Ratio	Lower	Upper
96	100		
61	137.4	0.0	285.8
98	65.2	0.0	136.2



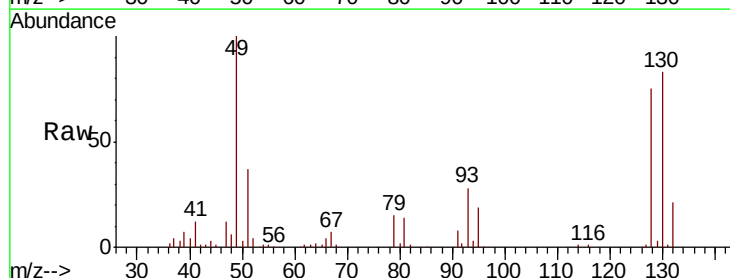
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



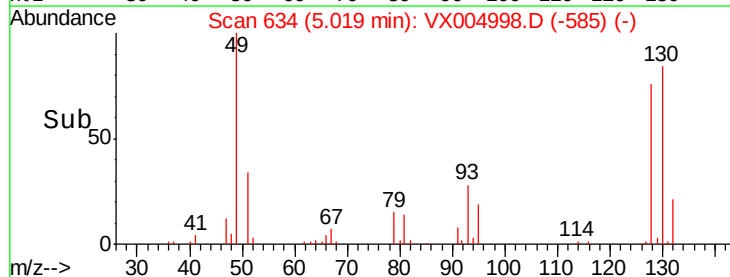
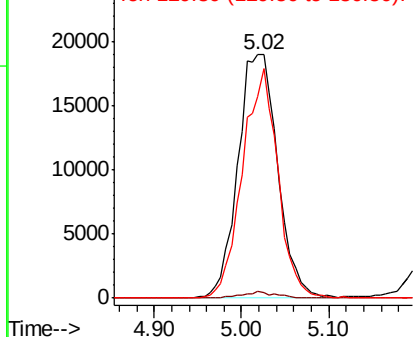
#28

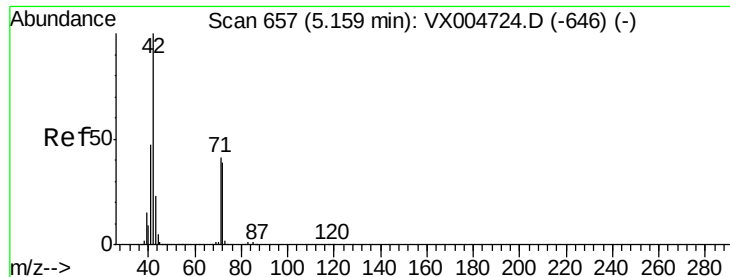
Bromochloromethane
 Concen: 18.995 ug/l
 RT: 5.02 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	83.7	62.0	93.0



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

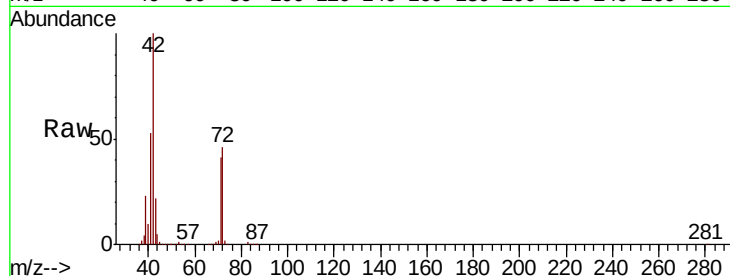




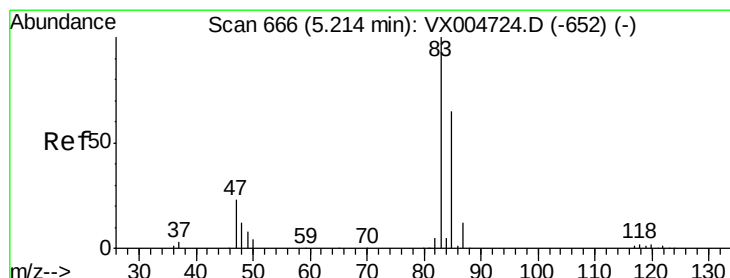
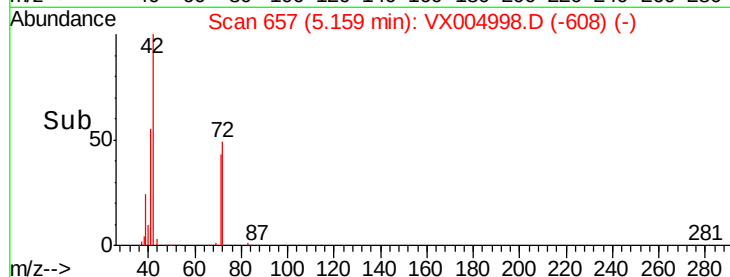
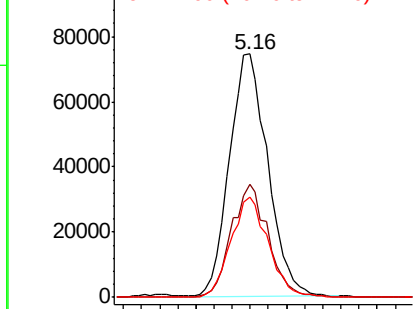
#29
Tetrahydrofuran
Concen: 100.905 ug/l
RT: 5.16 min Scan# 657
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD02

Tot Ion: 42 Resp: 218521
Ion Ratio Lower Upper
42 100
72 44.8 33.7 50.5
71 40.4 32.2 48.4

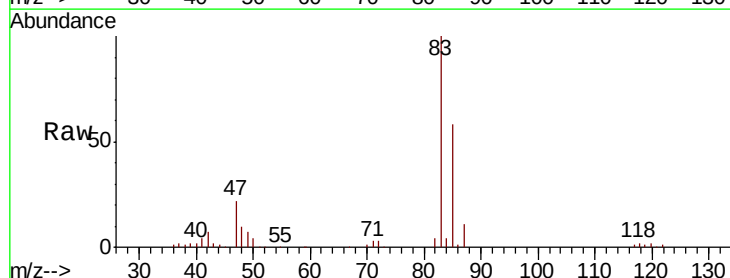


Abundance Ion 42.00 (41.70 to 42.70): VX0
Ion 72.00 (71.70 to 72.70): VX0
Ion 71.00 (70.70 to 71.70): VX0

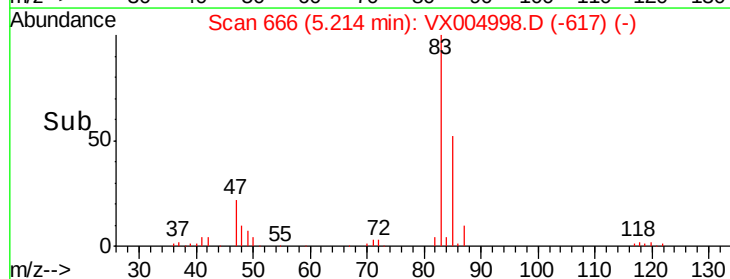
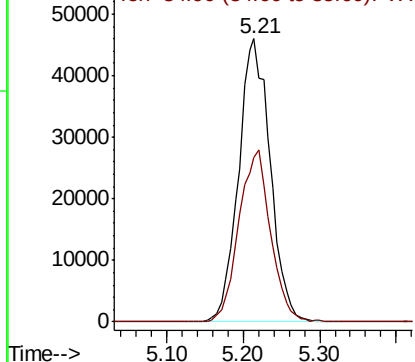


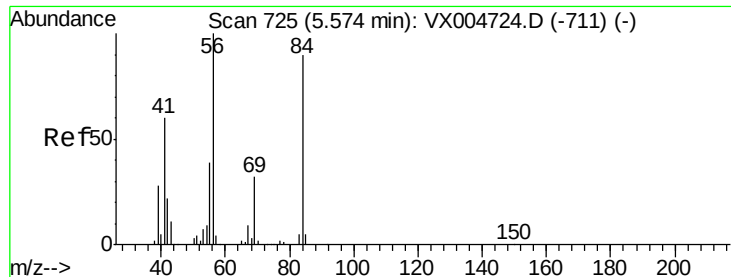
#30
Chloroform
Concen: 20.736 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Tgt Ion: 83 Resp: 131906
Ion Ratio Lower Upper
83 100
85 57.9 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

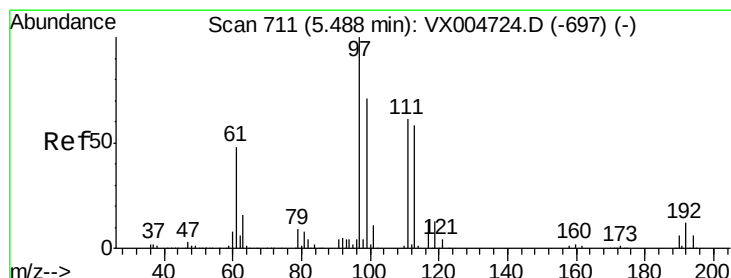
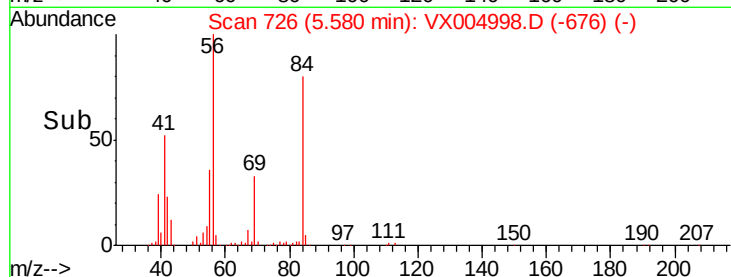
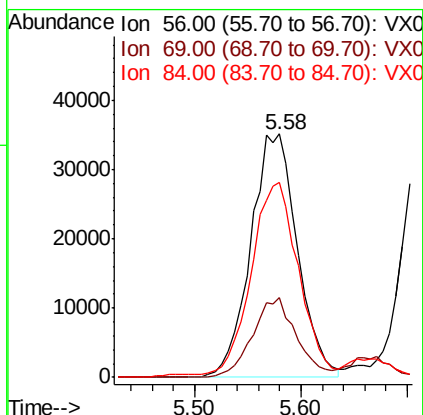
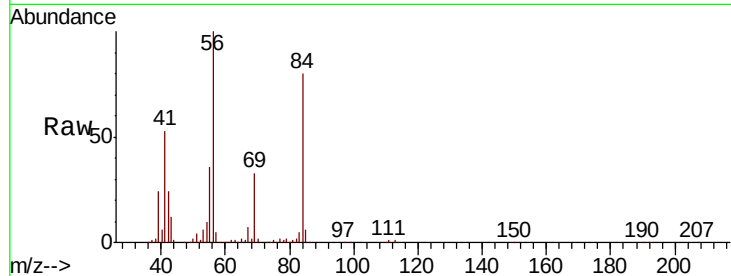




#31
Cyclohexane
Concen: 20.938 ug/l
RT: 5.58 min Scan# 726
Delta R.T. 0.01 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

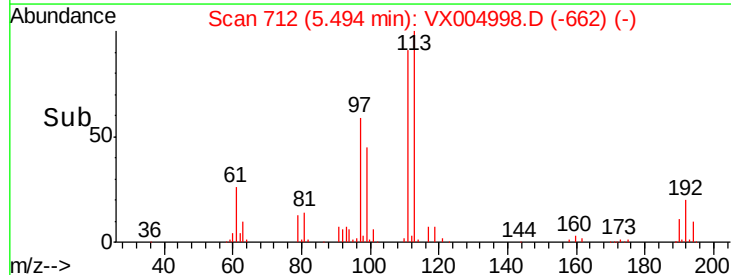
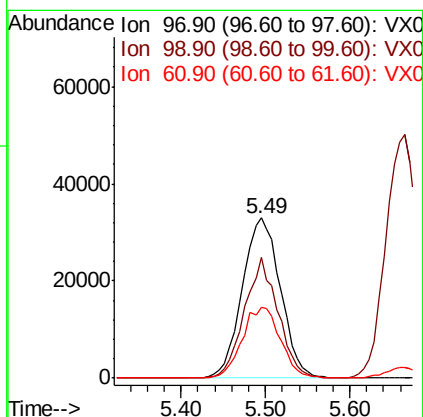
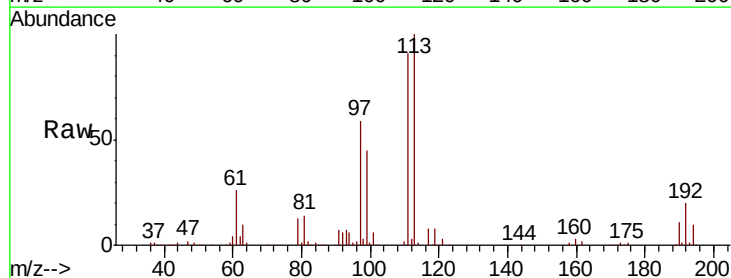
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD02

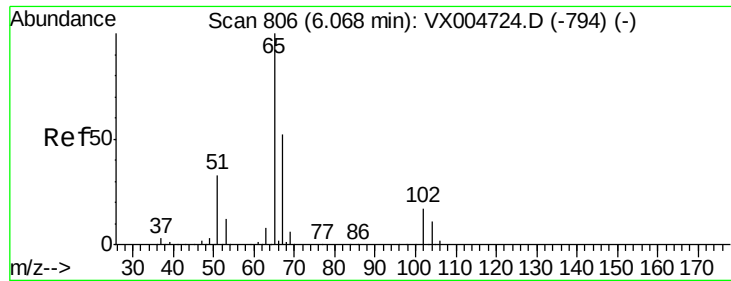
Tot Ion: 56 Resp: 107861
Ion Ratio Lower Upper
56 100
69 32.6 25.9 38.9
84 78.7 71.9 107.9



#32
1,1,1-Trichloroethane
Concen: 19.500 ug/l
RT: 5.49 min Scan# 712
Delta R.T. 0.01 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Tgt Ion: 97 Resp: 101304
Ion Ratio Lower Upper
97 100
99 66.6 54.6 82.0
61 44.4 37.5 56.3

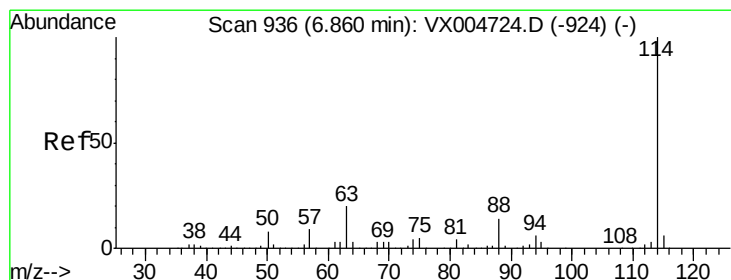
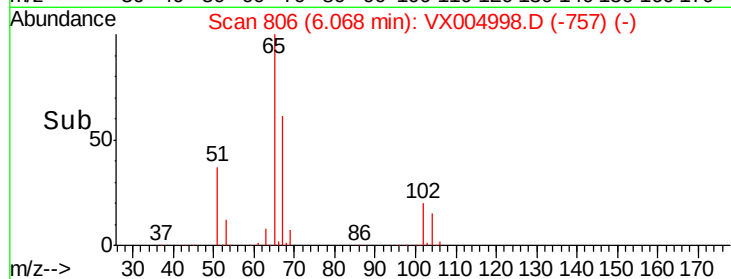
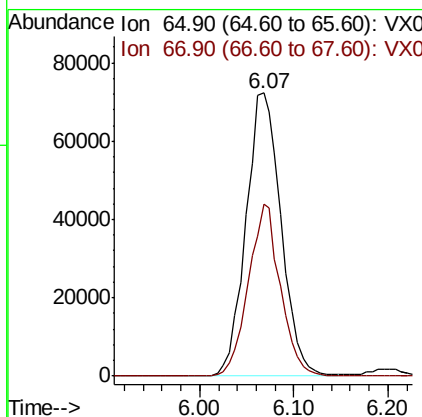
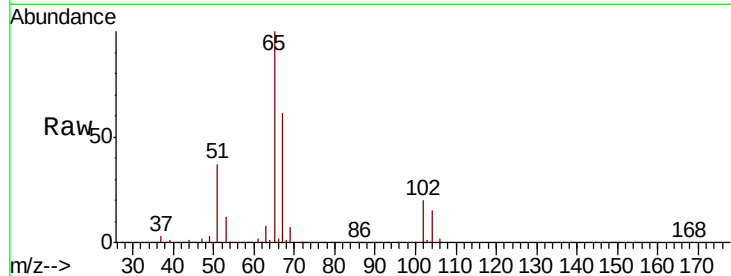




#33
 1,2-Dichloroethane-d4
 Concen: 46.699 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

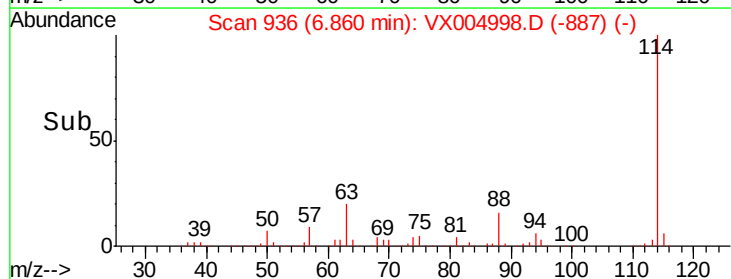
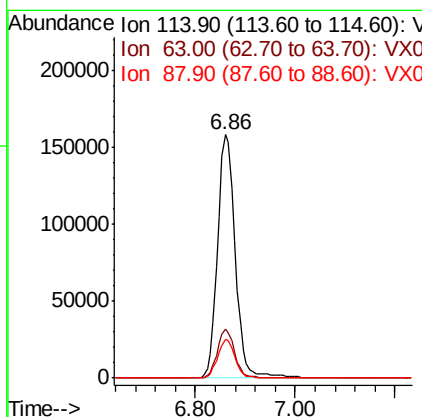
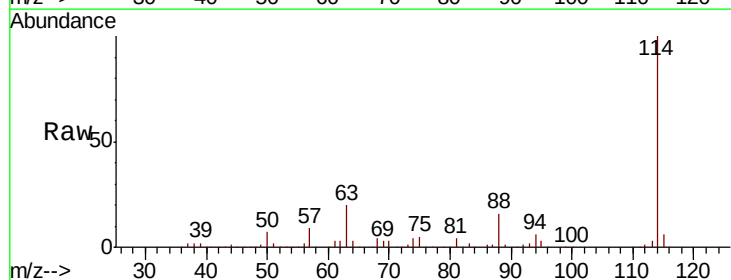
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD02

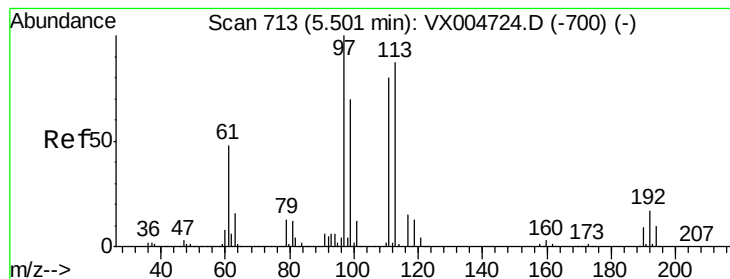
Tot Ion: 65 Resp: 189076
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Tgt Ion: 114 Resp: 392269
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.8
 88 15.7 0.0 27.0





#35

Dibromofluoromethane

Concen: 48.872 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

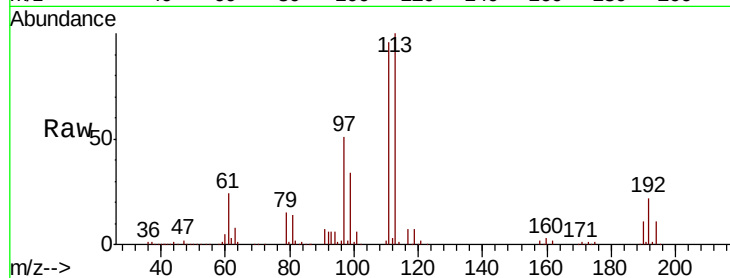
Tot Ion:113 Resp: 162475

Ion Ratio Lower Upper

113 100

111 100.4 77.0 115.4

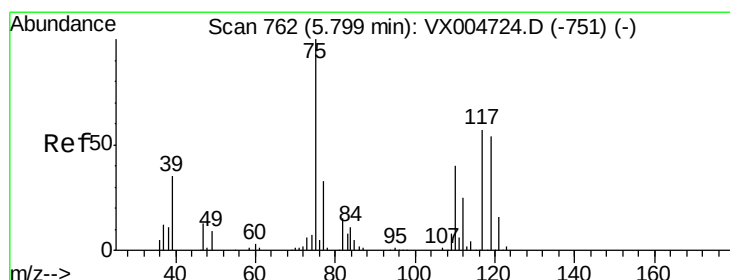
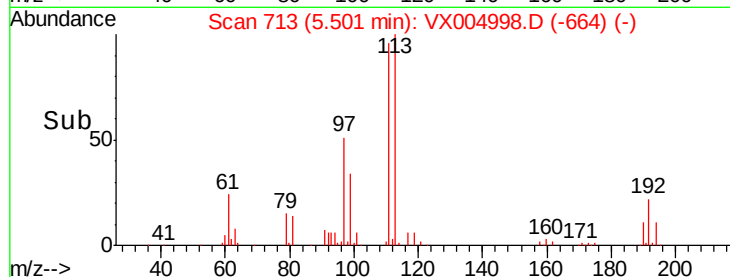
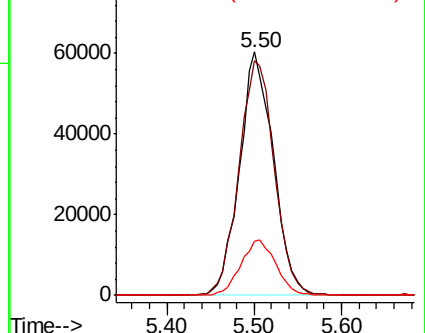
192 23.6 17.0 25.6



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: 18.623 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

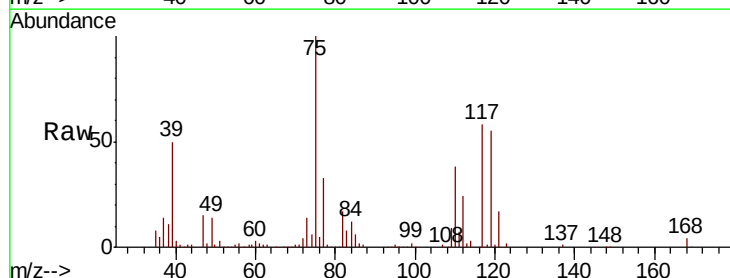
Tgt Ion: 75 Resp: 84471

Ion Ratio Lower Upper

75 100

110 37.9 20.0 59.9

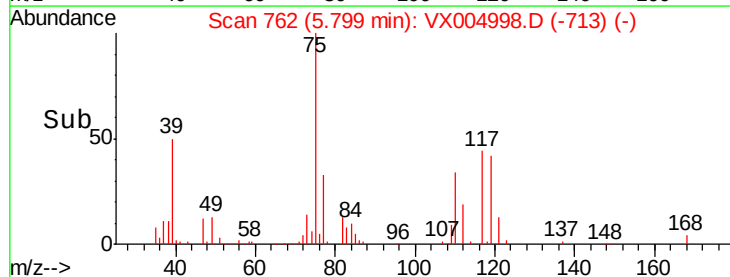
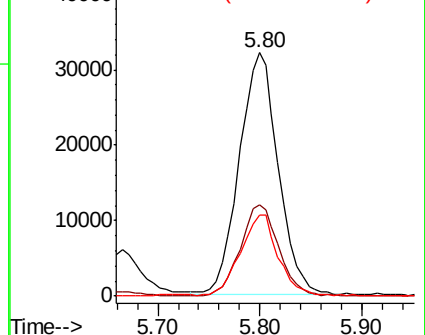
77 31.8 27.1 40.7

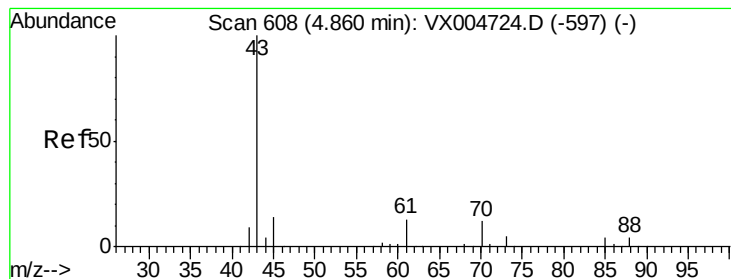


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 20.675 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

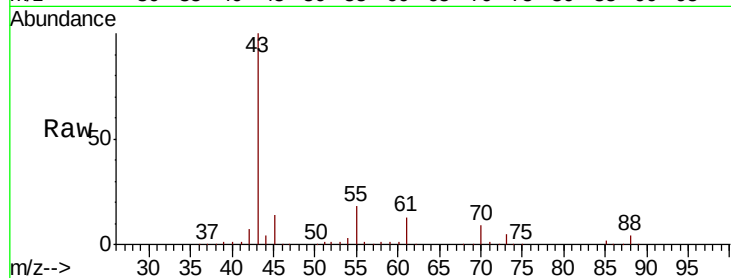
Tot Ion: 43 Resp: 124486

Ion Ratio Lower Upper

43 100

61 13.1 10.4 15.6

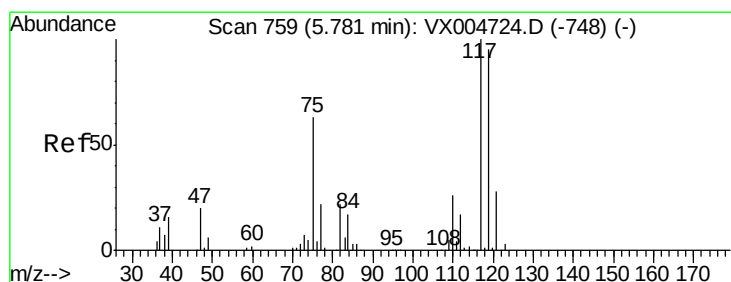
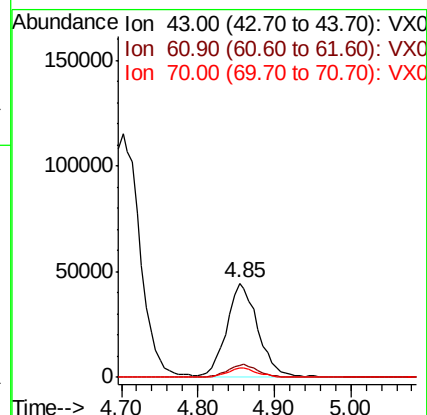
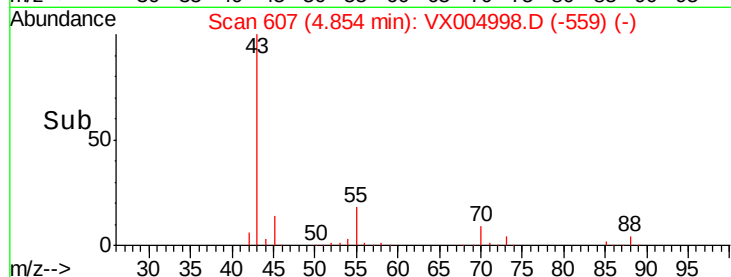
70 9.8 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX004998.D (-559) (-)

Ion 60.90 (60.60 to 61.60): VX004998.D (-559) (-)

Ion 70.00 (69.70 to 70.70): VX004998.D (-559) (-)



#38

Carbon Tetrachloride

Concen: 18.199 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

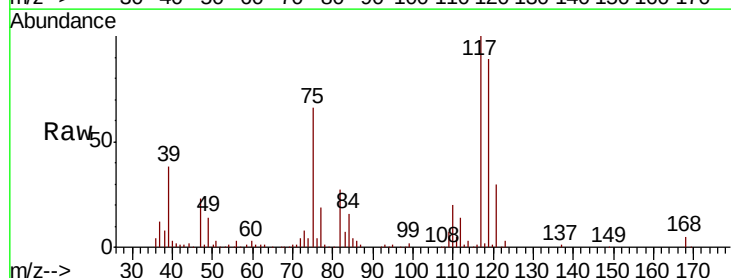
Tgt Ion: 117 Resp: 86775

Ion Ratio Lower Upper

117 100

119 89.3 75.2 112.8

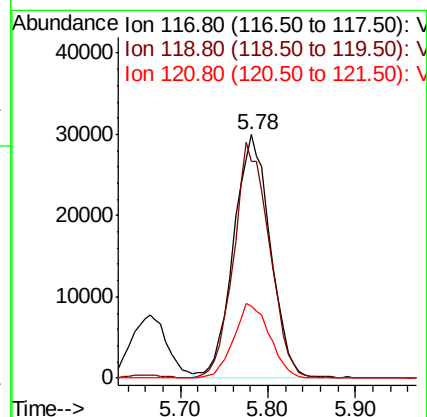
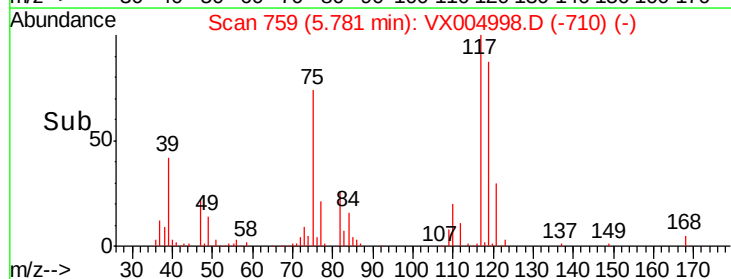
121 30.0 22.5 33.7

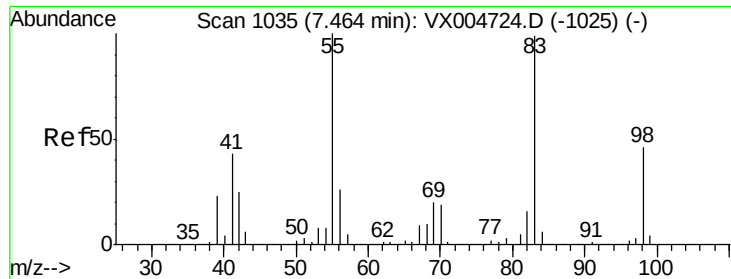


Abundance Ion 116.80 (116.50 to 117.50): VX004998.D (-710) (-)

Ion 118.80 (118.50 to 119.50): VX004998.D (-710) (-)

Ion 120.80 (120.50 to 121.50): VX004998.D (-710) (-)

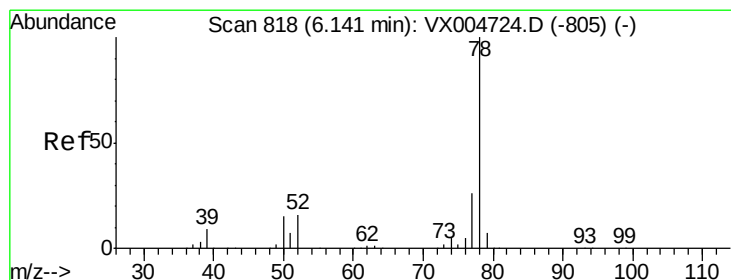
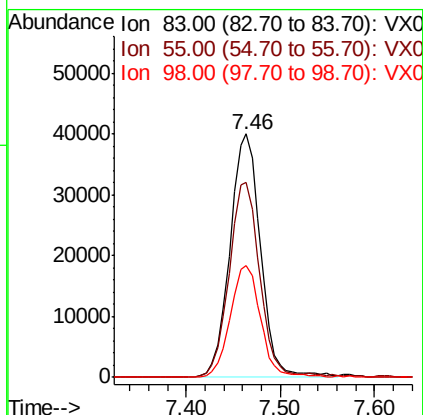
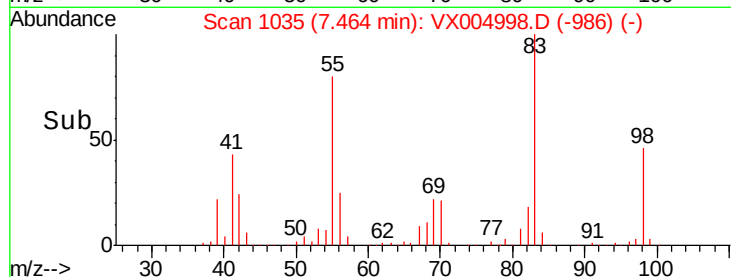
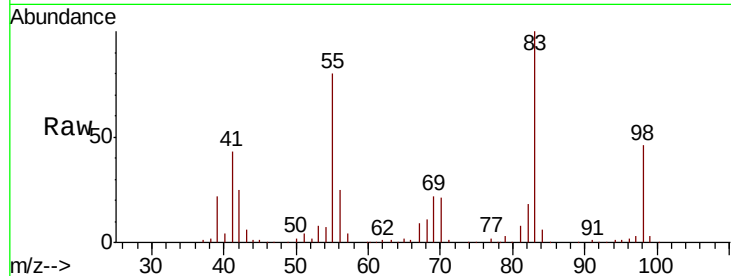




#39
Methylvlcyclohexane
Concen: 19.518 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

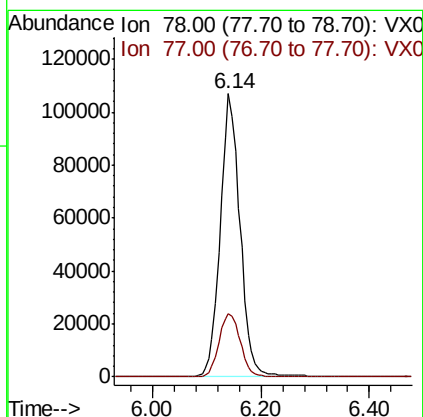
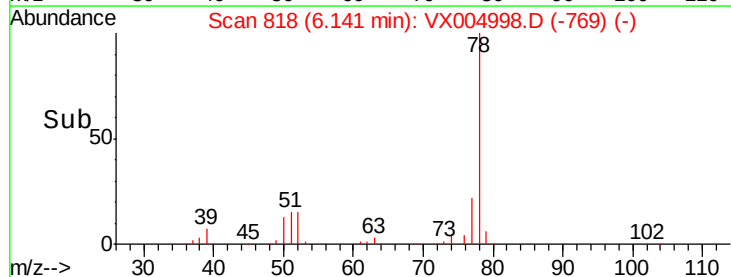
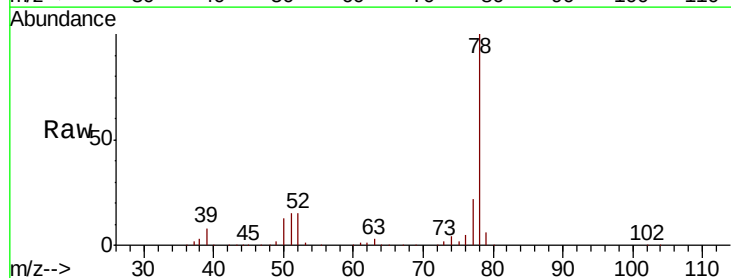
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD02

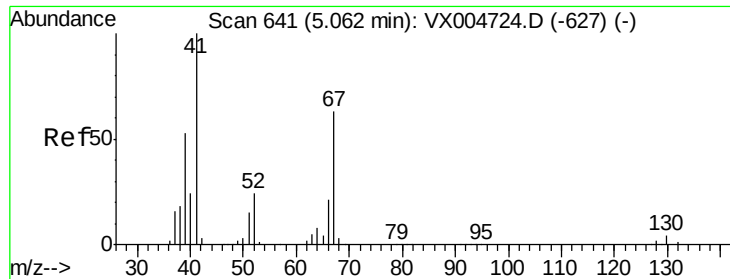
Tot Ion: 83 Resp: 90399
Ion Ratio Lower Upper
83 100
55 80.1 81.1 121.7#
98 45.7 37.3 55.9



#40
Benzene
Concen: 19.102 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Tgt Ion: 78 Resp: 271257
Ion Ratio Lower Upper
78 100
77 22.3 21.0 31.4





#41

Methacrylonitrile

Concen: 20.223 ug/l

RT: 5.06 min Scan# 640

Delta R.T. -0.01 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

Tot Ion: 41 Resp: 67525

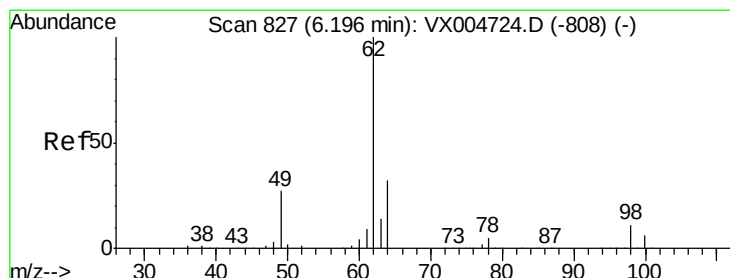
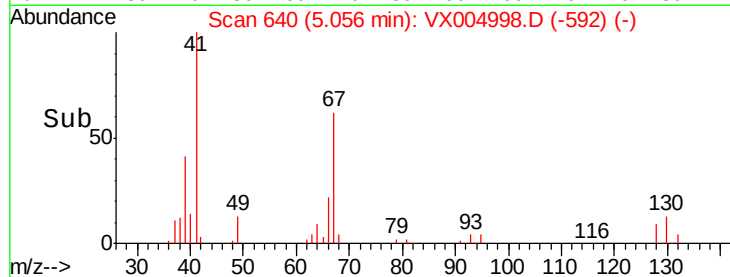
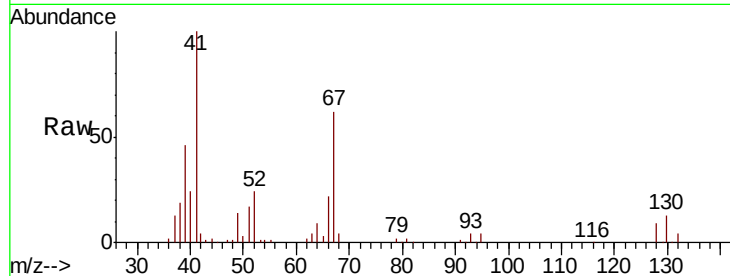
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.5	63.7
67	69.0	53.0	79.6
52	27.3	19.8	29.8

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: 18.855 ug/l

RT: 6.20 min Scan# 827

Delta R.T. -0.00 min

Lab File: VX004998.D

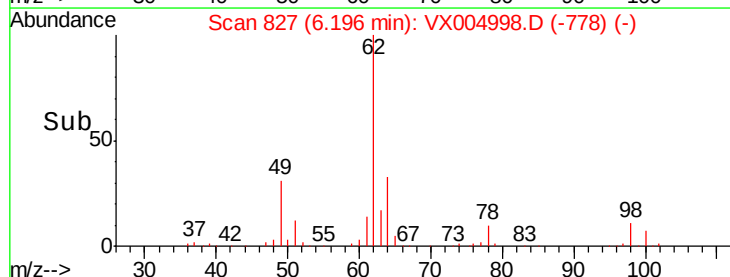
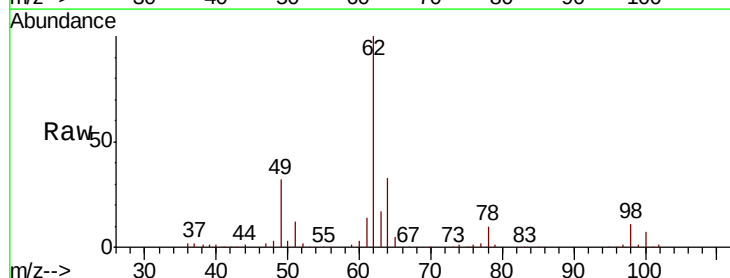
Acq: 04 Oct 2018 05:08

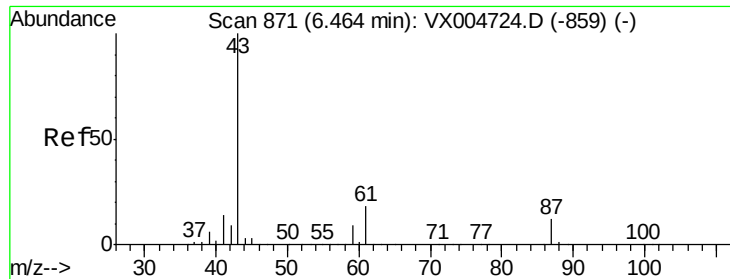
Tgt Ion: 62 Resp: 94650

Ion	Ratio	Lower	Upper
62	100		
98	9.8	0.0	20.2

Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 20.869 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

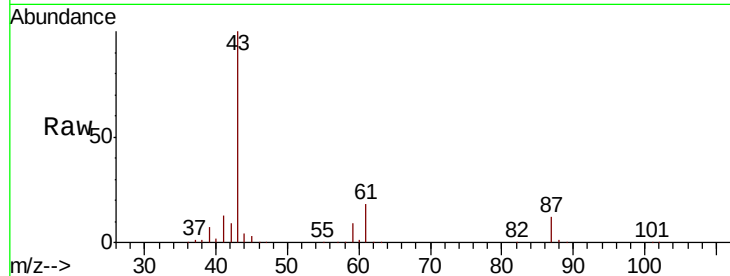
Tot Ion: 43 Resp: 181357

Ion Ratio Lower Upper

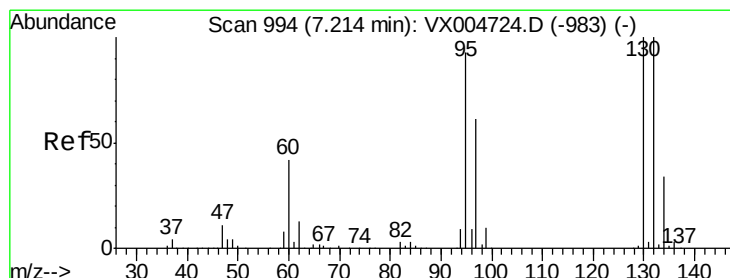
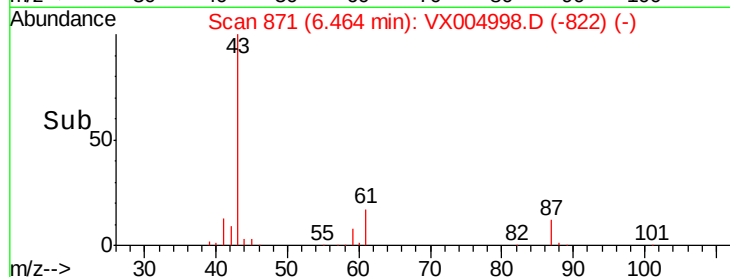
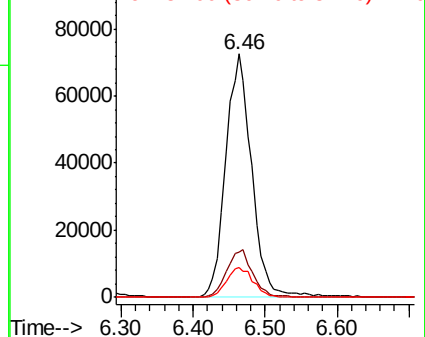
43 100

61 19.5 14.2 21.4

87 12.7 9.3 13.9



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



#44

Trichloroethene

Concen: 19.729 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004998.D

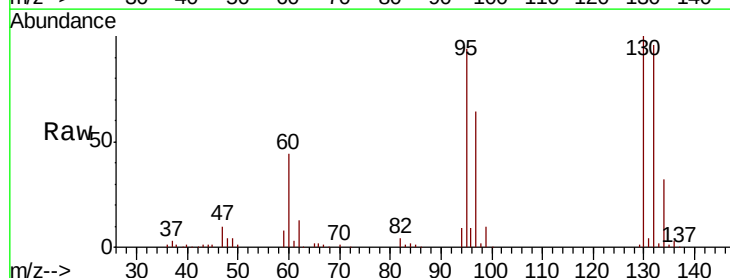
Acq: 04 Oct 2018 05:08

Tgt Ion:130 Resp: 68871

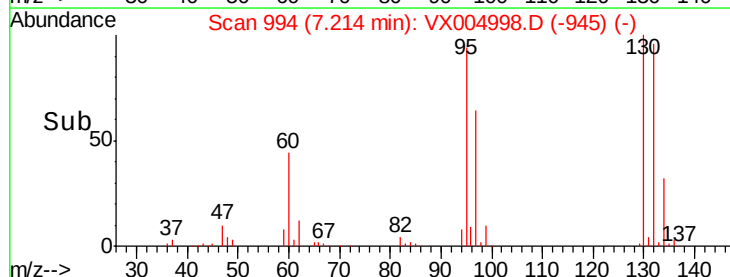
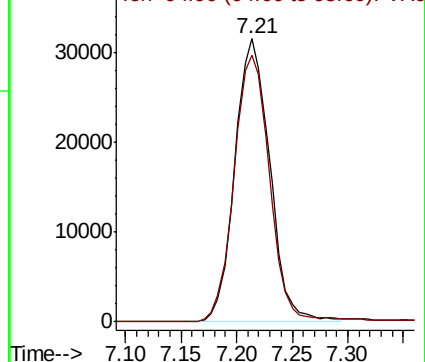
Ion Ratio Lower Upper

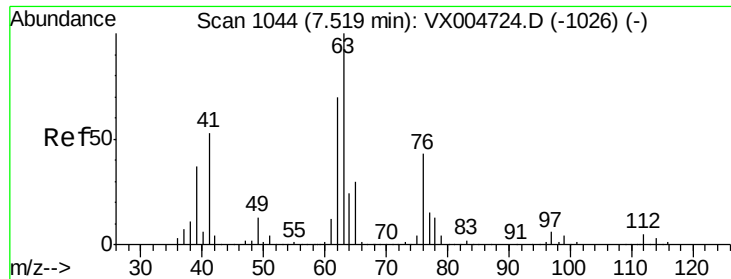
130 100

95 94.1 0.0 186.8



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

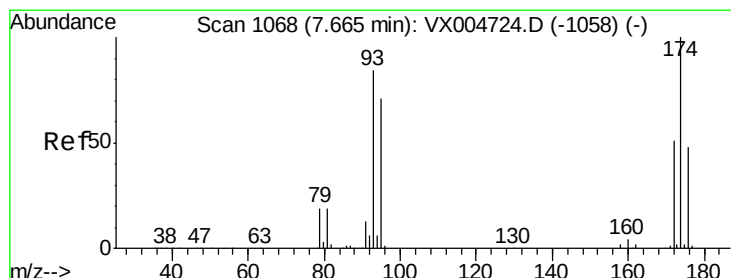
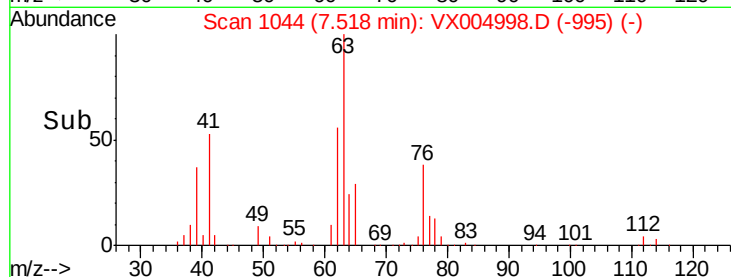
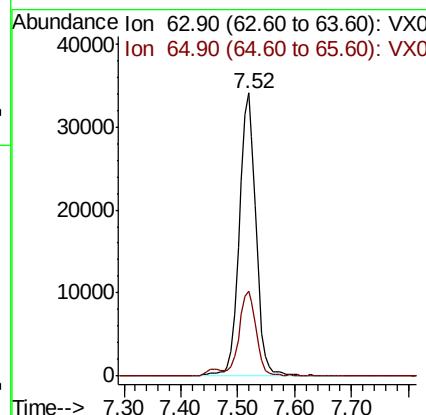
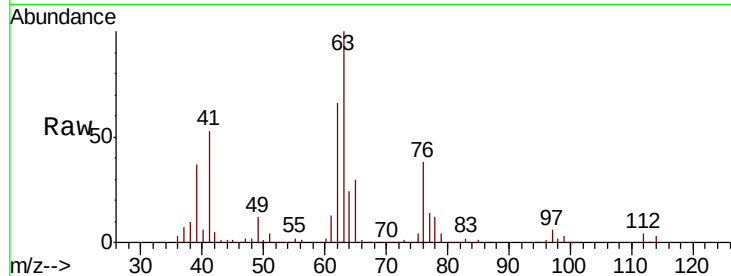




#45
 1,2-Dichloropropane
 Concen: 20.142 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

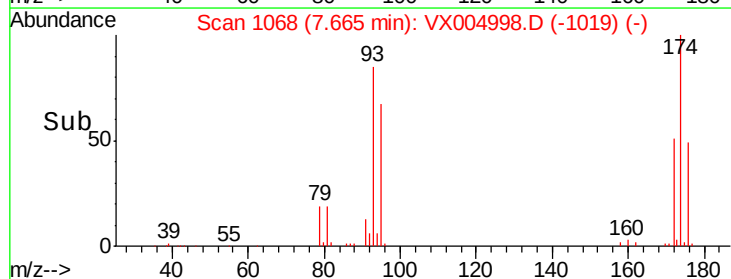
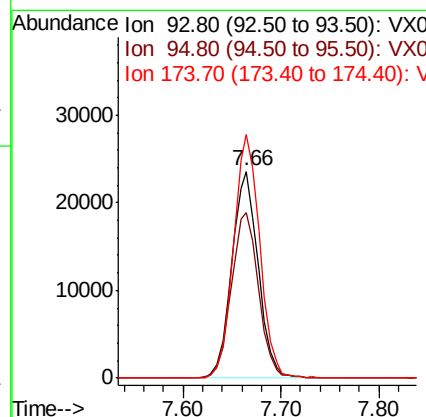
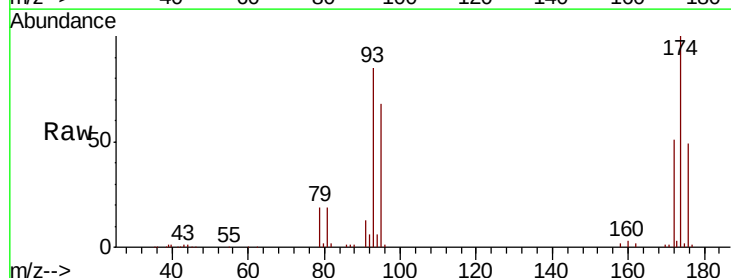
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD02

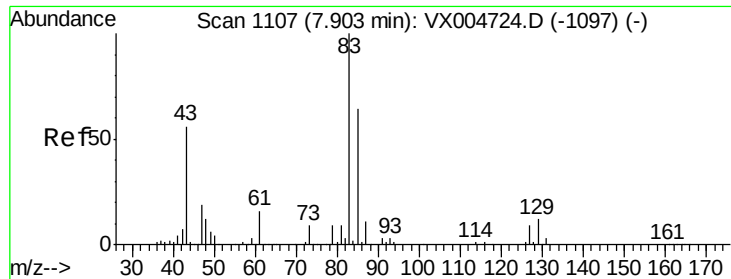
Tot Ion: 63 Resp: 70143
 Ion Ratio Lower Upper
 63 100
 65 30.2 23.9 35.9



#46
 Dibromomethane
 Concen: 20.103 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Tgt Ion: 93 Resp: 43997
 Ion Ratio Lower Upper
 93 100
 95 82.3 66.7 100.1
 174 116.9 92.7 139.1





#47

Bromodichloromethane

Concen: 20.001 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

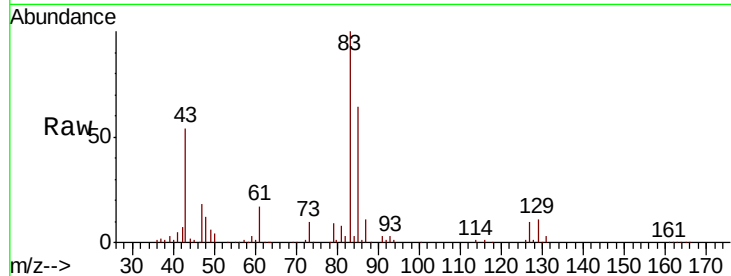
Tot Ion: 83 Resp: 81954

Ion Ratio Lower Upper

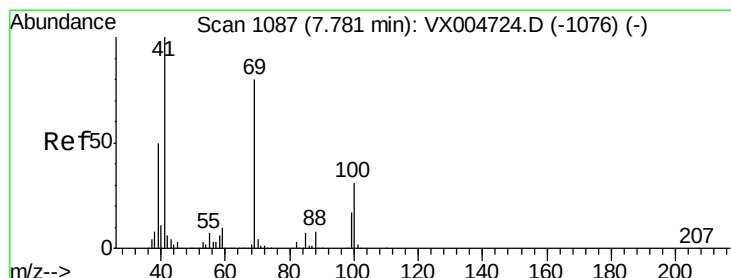
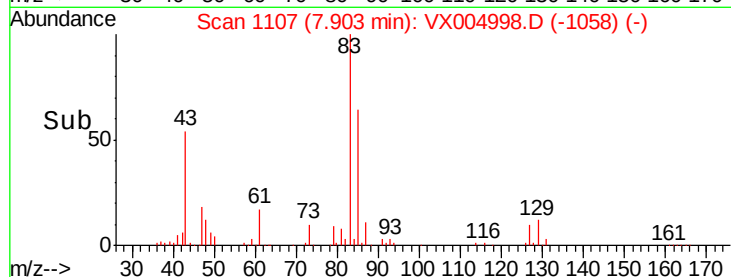
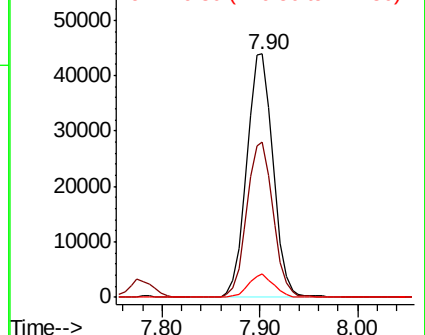
83 100

85 63.7 51.2 76.8

127 9.7 7.0 10.6



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



#48

Methyl methacrylate

Concen: 20.960 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

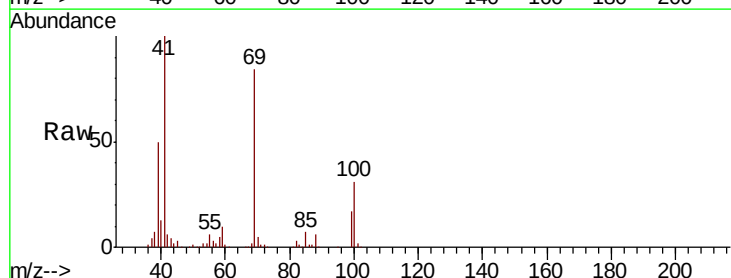
Tgt Ion: 41 Resp: 82677

Ion Ratio Lower Upper

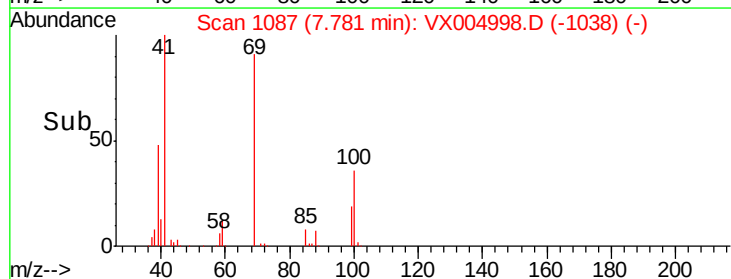
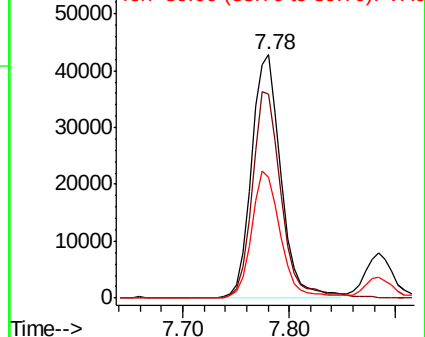
41 100

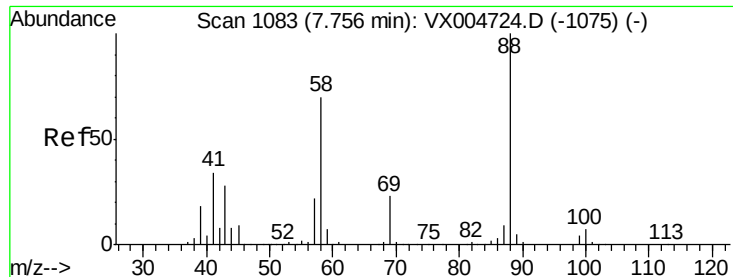
69 84.2 63.8 95.6

39 51.8 40.7 61.1



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

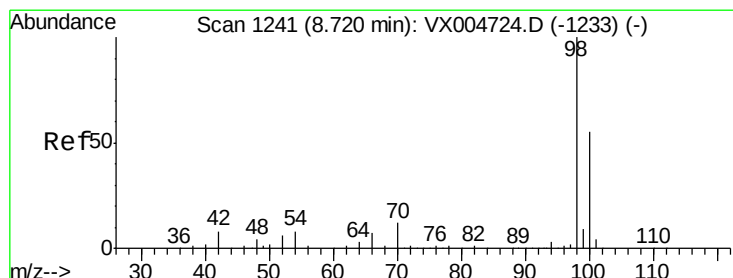
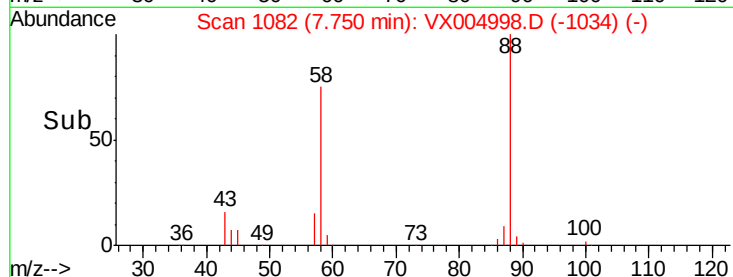
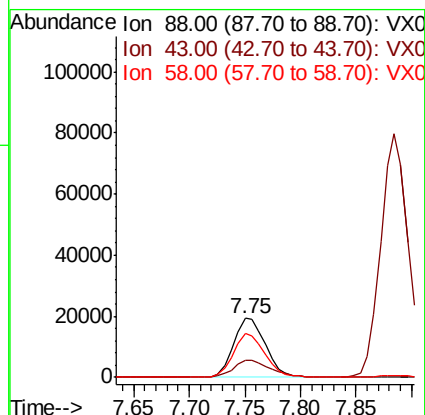
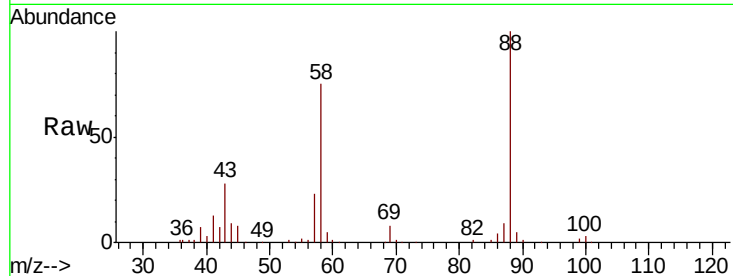




#49
1,4-Dioxane
Concen: 391.532 ug/l
RT: 7.75 min Scan# 1082
Delta R.T. -0.01 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

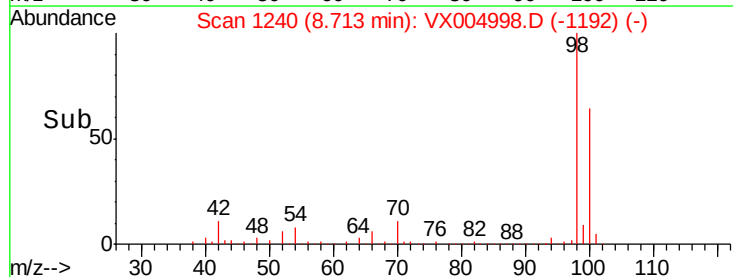
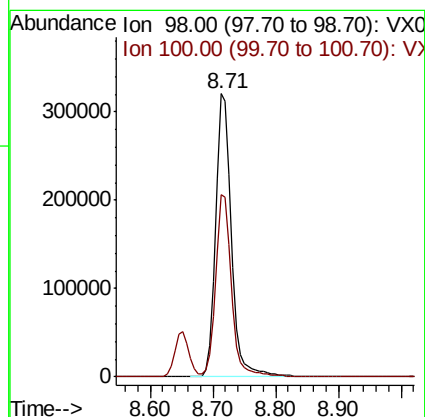
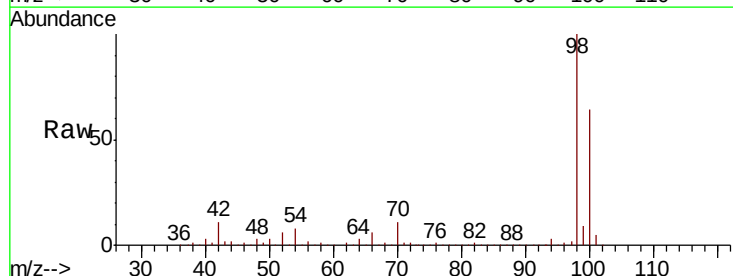
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD02

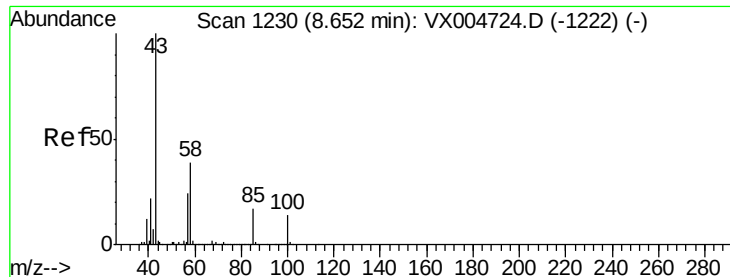
Tot Ion: 88 Resp: 38368
Ion Ratio Lower Upper
88 100
43 32.1 25.1 37.7
58 75.0 56.2 84.2



#50
Toluene-d8
Concen: 50.487 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.01 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Tgt Ion: 98 Resp: 558004
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

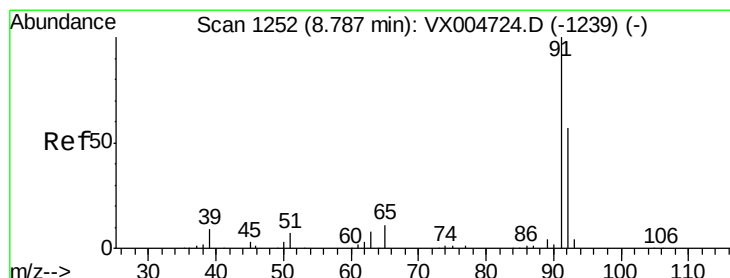
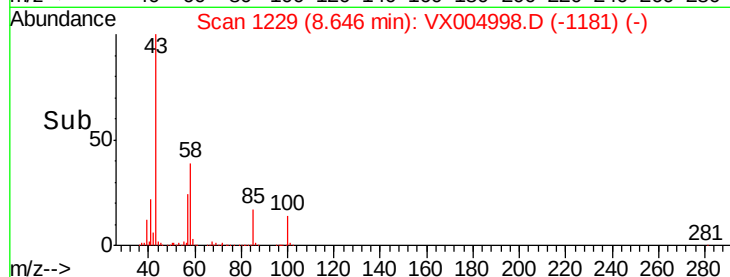
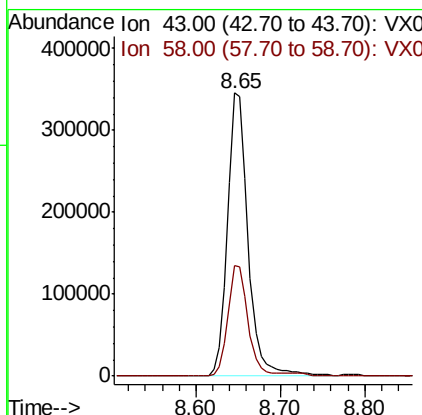
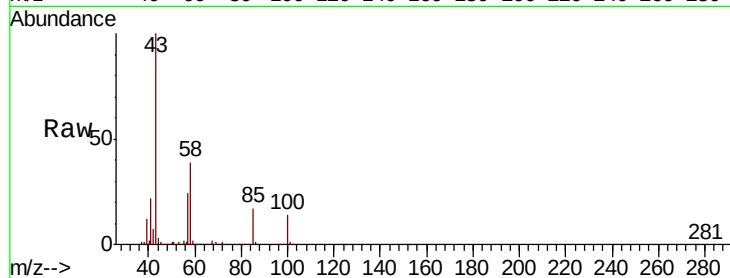




#51
 4-Methyl-2-Pentanone
 Concen: 106.240 ug/l
 RT: 8.65 min Scan# 1229
 Delta R.T. -0.01 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

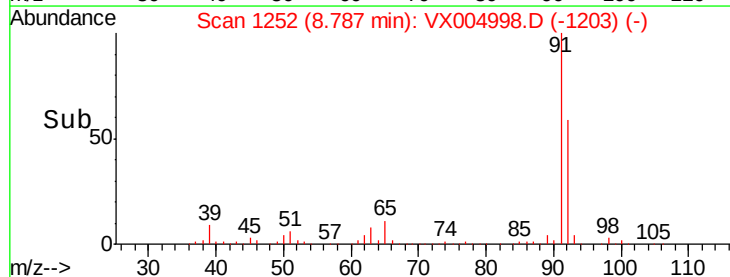
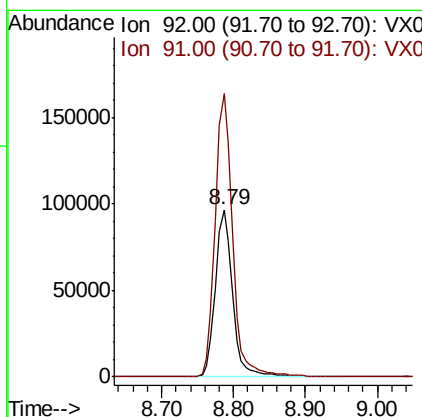
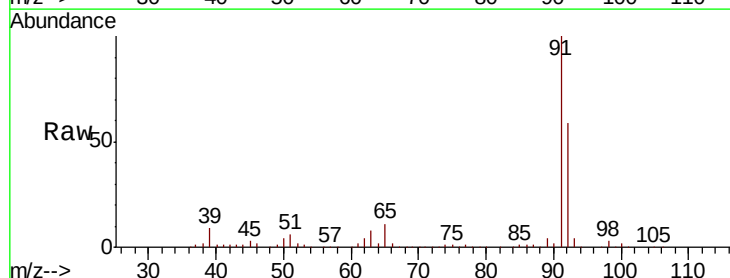
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD02

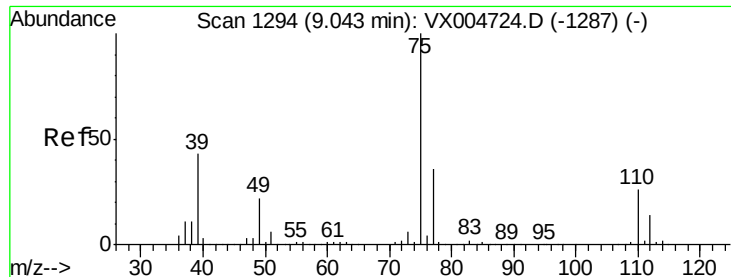
Tot Ion: 43 Resp: 581328
 Ion Ratio Lower Upper
 43 100
 58 37.8 30.5 45.7



#52
 Toluene
 Concen: 20.575 ug/l
 RT: 8.79 min Scan# 1252
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Tgt Ion: 92 Resp: 160549
 Ion Ratio Lower Upper
 92 100
 91 171.9 136.7 205.1

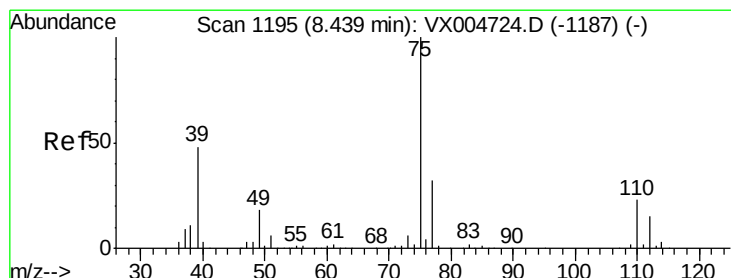
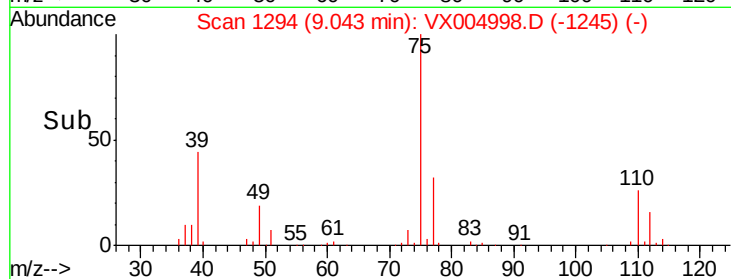
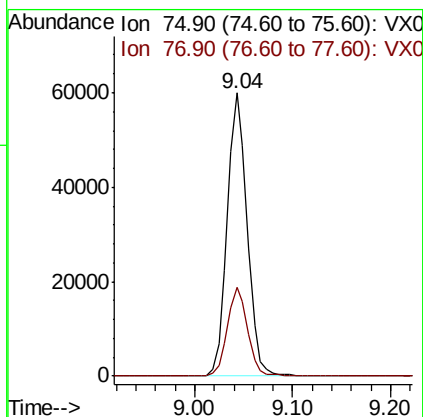
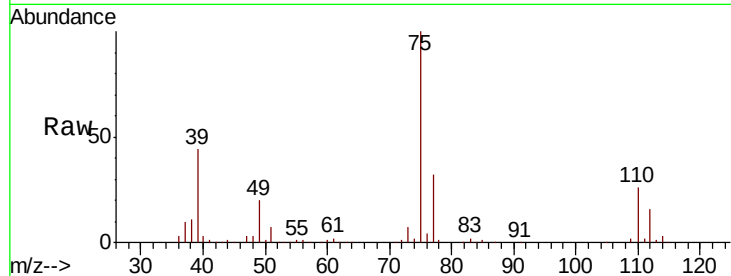




#53
 t-1,3-Dichloropropene
 Concen: 18.350 ug/l
 RT: 9.04 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

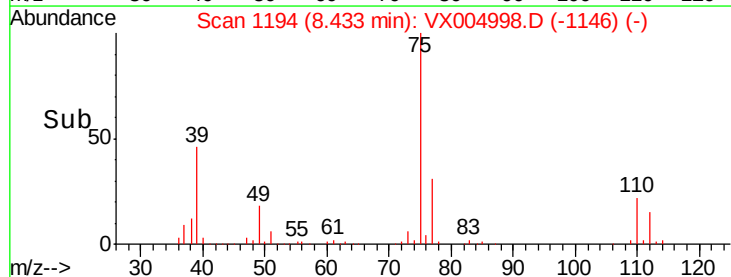
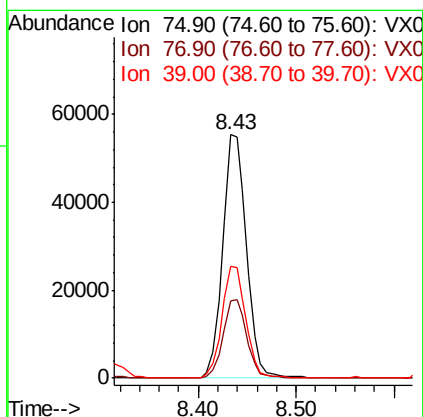
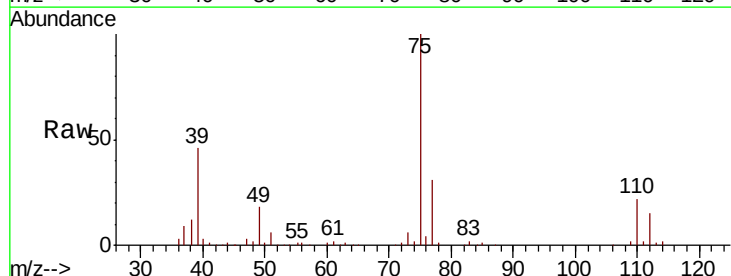
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD02

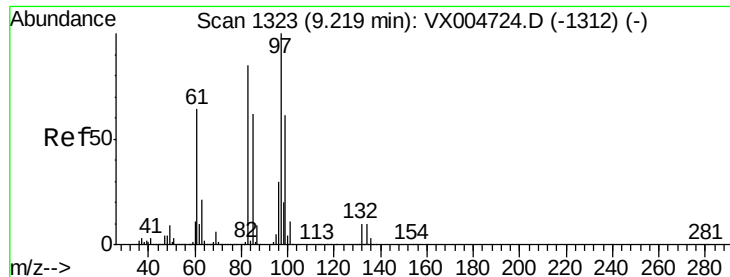
Tot Ion: 75 Resp: 84966
 Ion Ratio Lower Upper
 75 100
 77 31.5 28.9 43.3



#54
 cis-1,3-Dichloropropene
 Concen: 19.180 ug/l
 RT: 8.43 min Scan# 1194
 Delta R.T. -0.01 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Tgt Ion: 75 Resp: 93021
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.7 38.5
 39 46.0 38.3 57.5

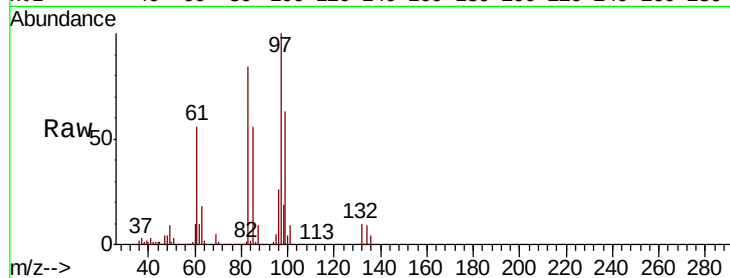




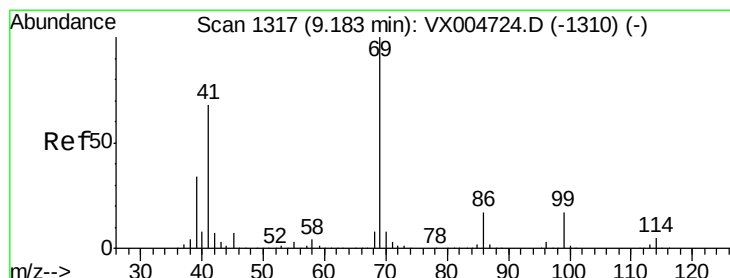
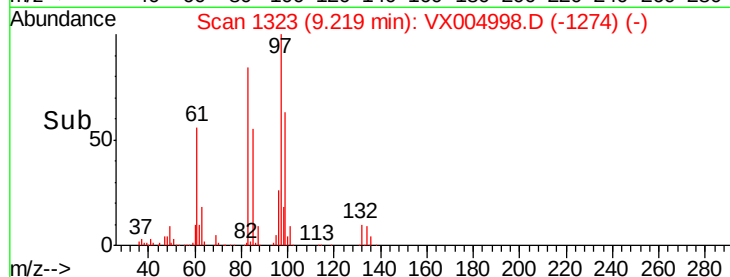
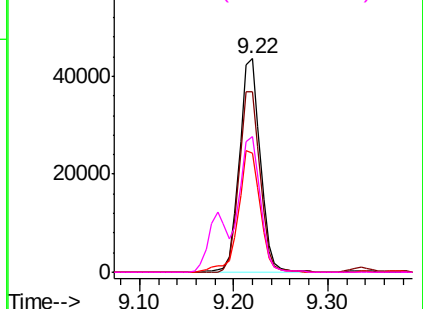
#55
 1,1,2-Trichloroethane
 Concen: 19.730 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD02

Tot Ion:	97	Resp:	67436
Ion	Ratio	Lower	Upper
97	100		
83	84.4	68.2	102.2
85	55.6	49.9	74.9
99	63.3	48.9	73.3

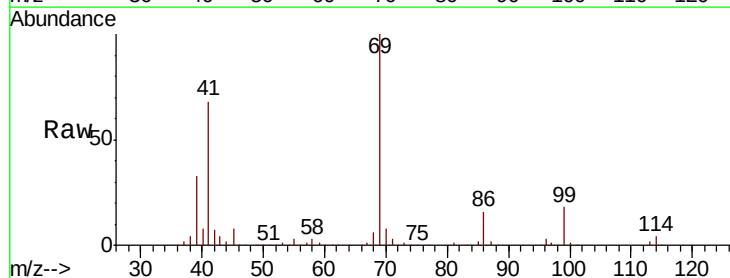


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

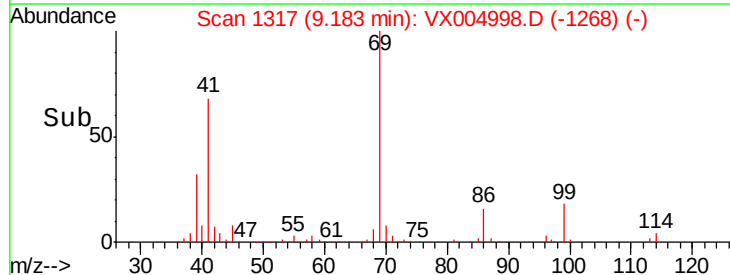
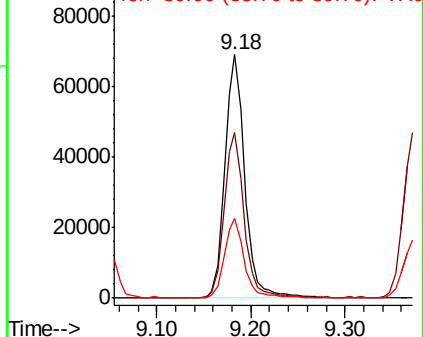


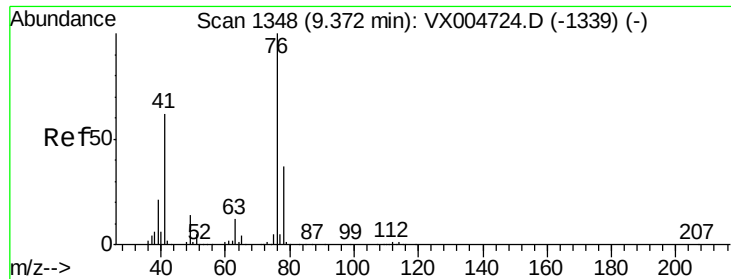
#56
 Ethyl methacrylate
 Concen: 20.030 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Tgt Ion:	69	Resp:	100999
Ion	Ratio	Lower	Upper
69	100		
41	67.7	56.9	85.3
39	32.3	28.4	42.6



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

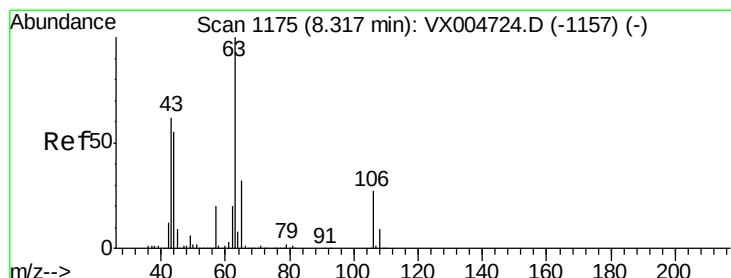
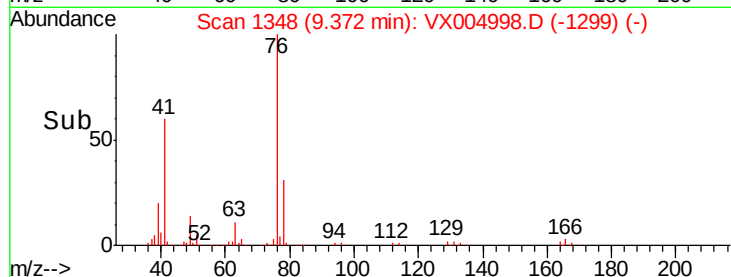
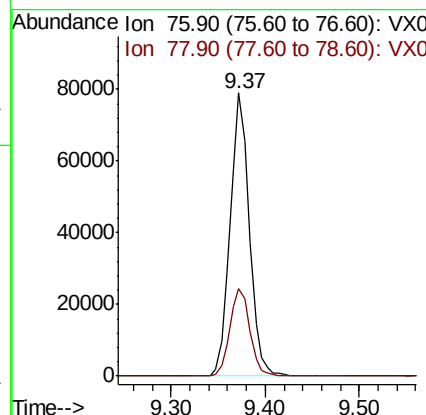
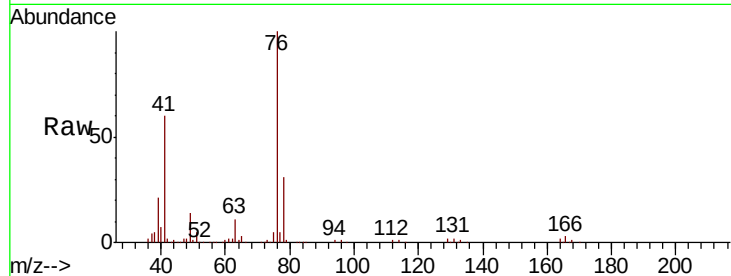




#57
 1,3-Dichloropropane
 Concen: 19.652 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

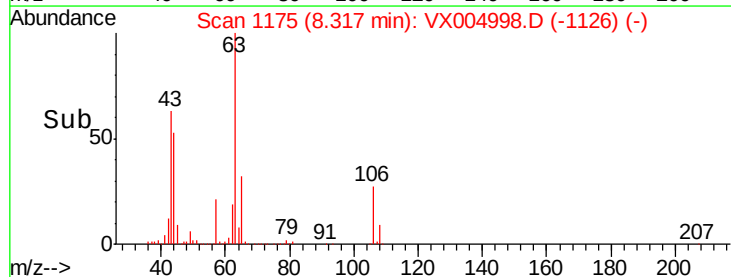
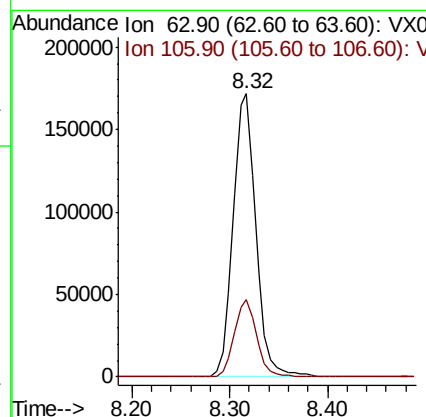
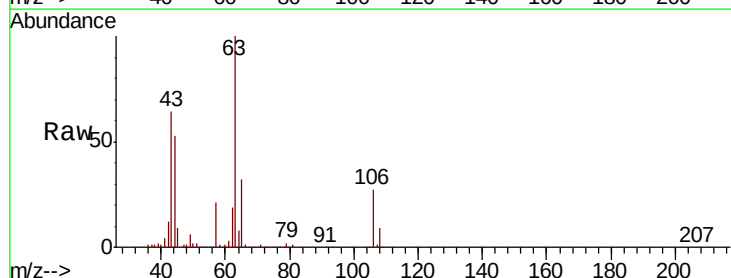
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD02

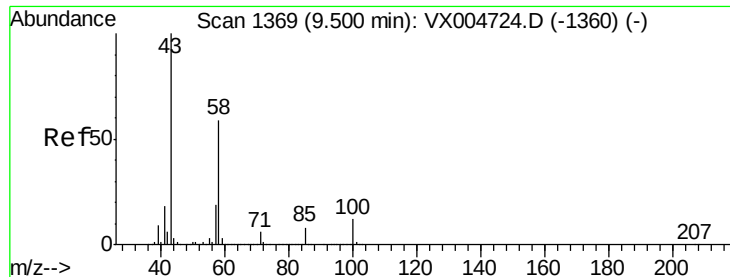
Tot Ion: 76 Resp: 111794
 Ion Ratio Lower Upper
 76 100
 78 32.5 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 103.192 ug/l
 RT: 8.32 min Scan# 1175
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Tgt Ion: 63 Resp: 277786
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.0 31.6

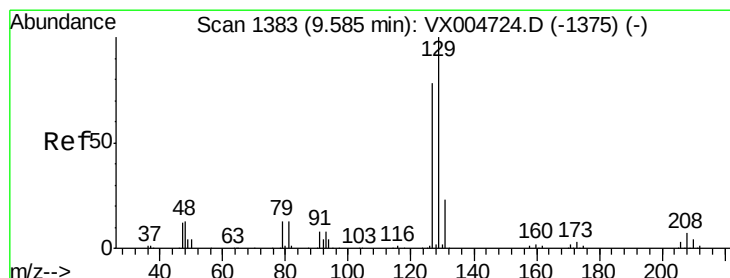
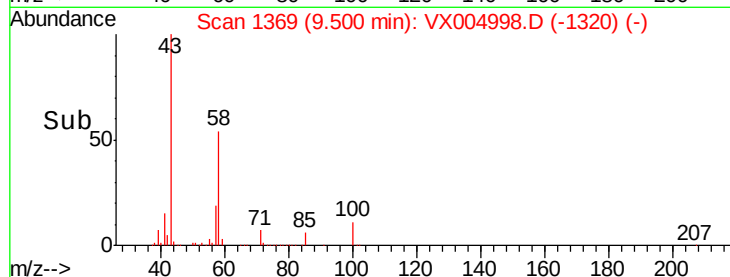
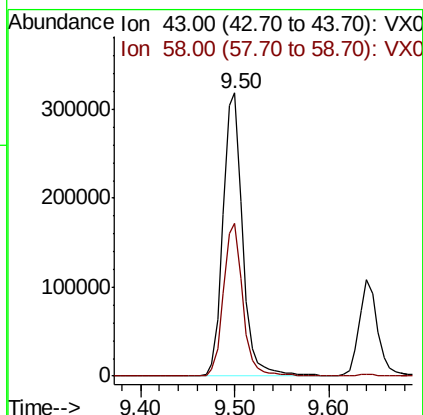
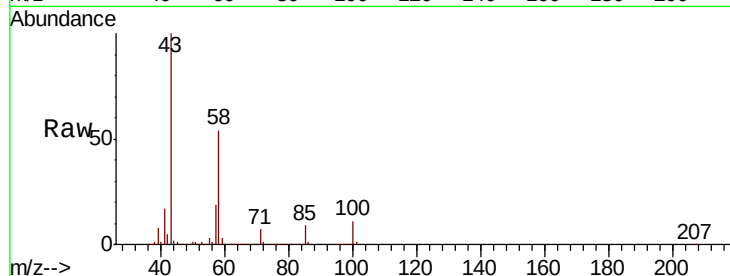




#59
2-Hexanone
Concen: 100.377 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

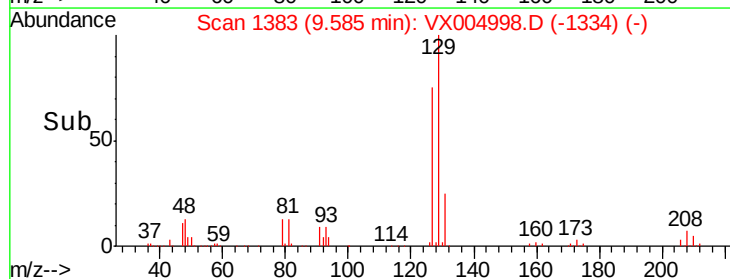
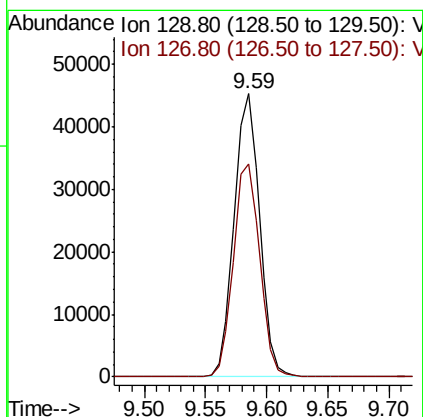
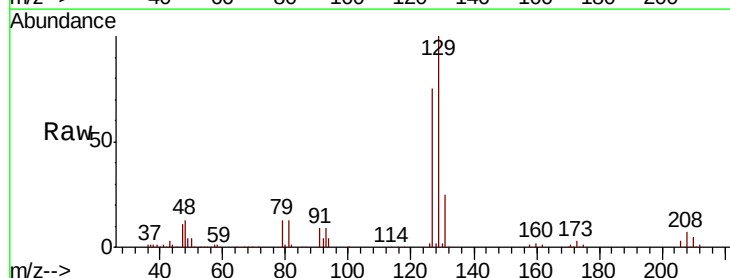
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD02

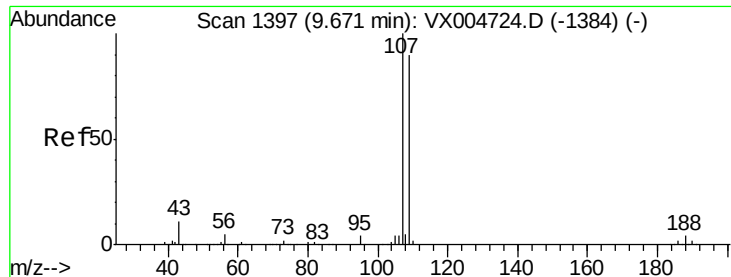
Tot Ion: 43 Resp: 457696
Ion Ratio Lower Upper
43 100
58 53.5 28.4 85.3



#60
Dibromochloromethane
Concen: 19.084 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Tgt Ion: 129 Resp: 65232
Ion Ratio Lower Upper
129 100
127 77.3 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.981 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

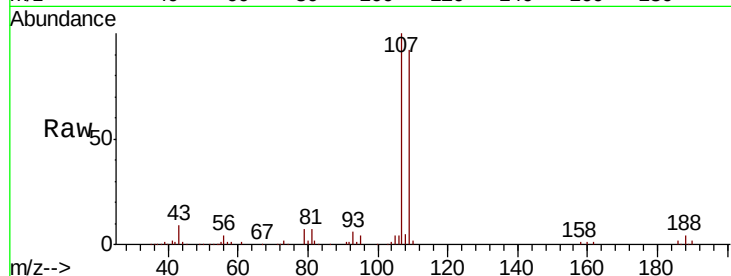
VX1004WBSD02

Tot Ion:107 Resp: 69479

Ion Ratio Lower Upper

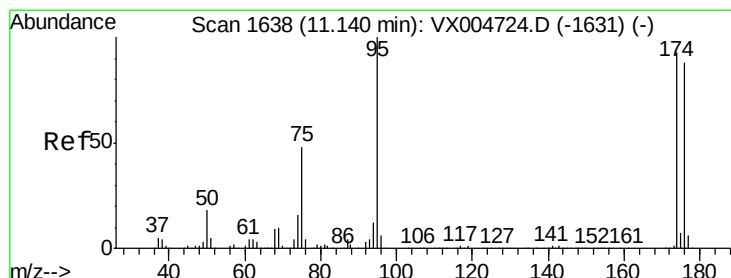
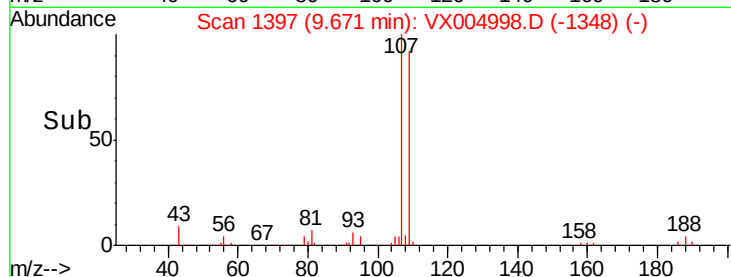
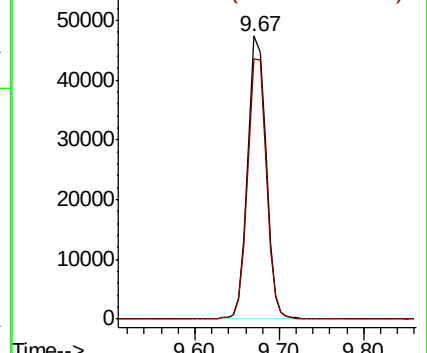
107 100

109 93.6 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.754 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

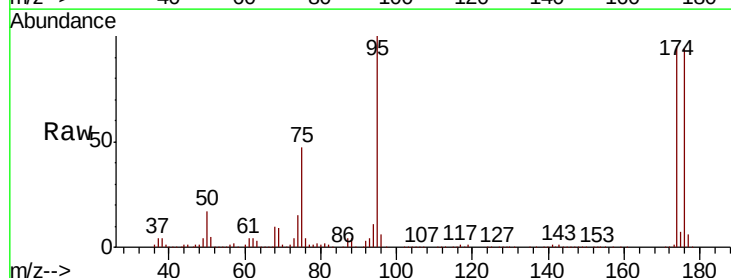
Tgt Ion: 95 Resp: 202085

Ion Ratio Lower Upper

95 100

174 91.4 0.0 185.0

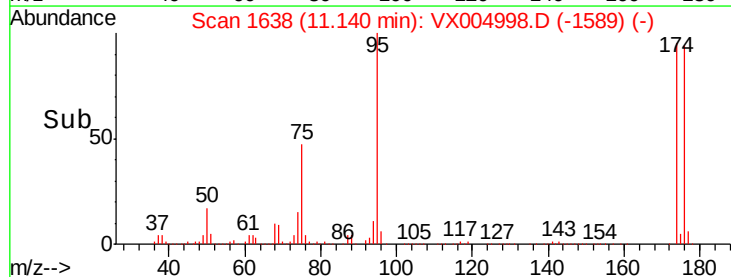
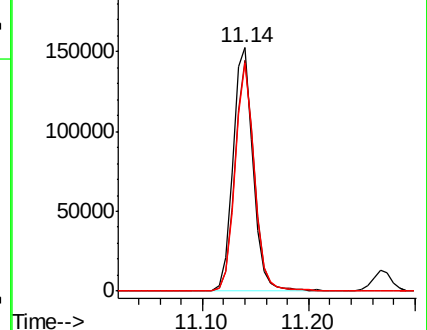
176 89.5 0.0 180.2

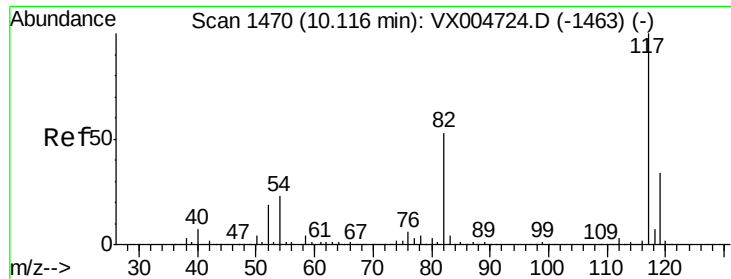


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

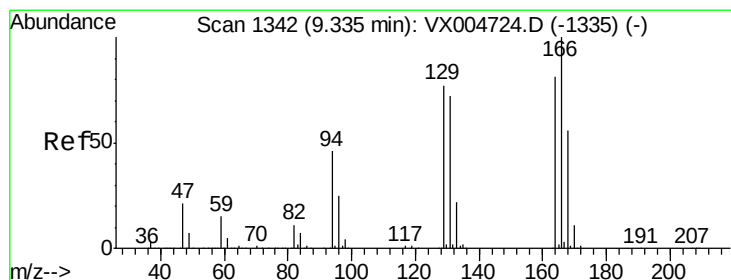
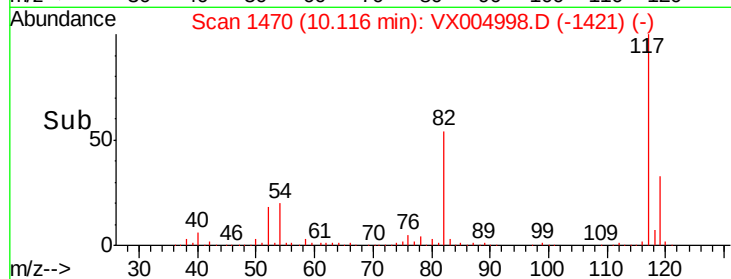
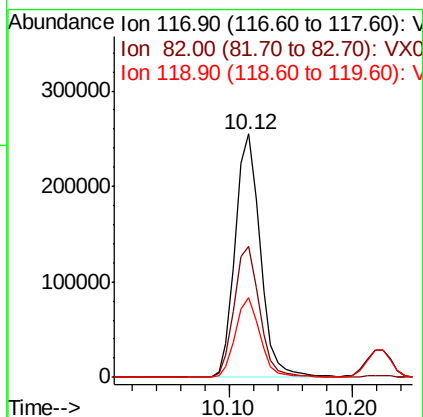
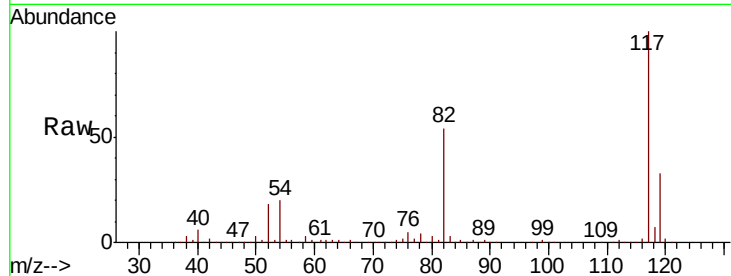




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

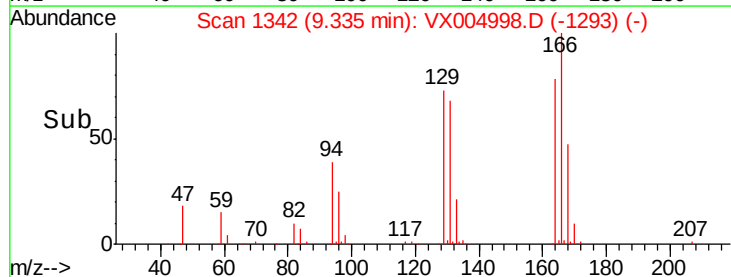
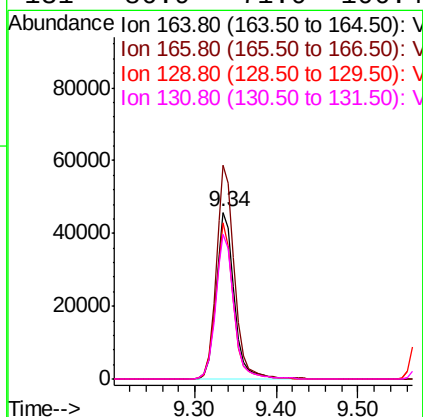
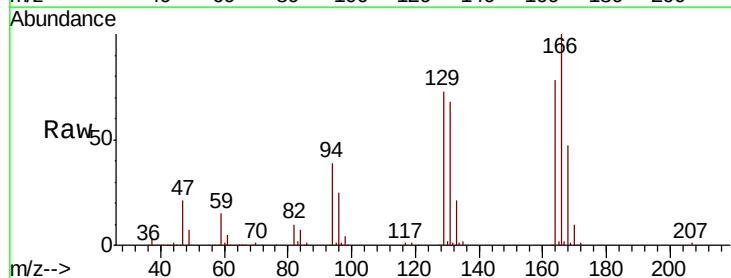
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD02

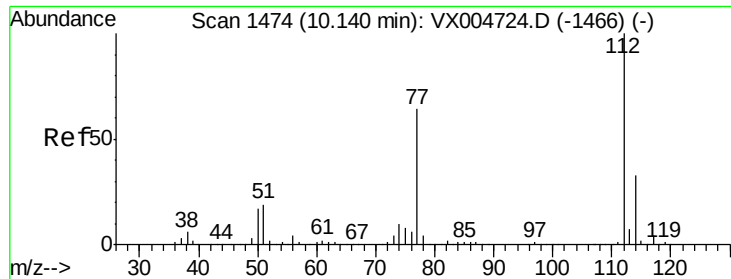
Tot Ion:117 Resp: 363121
Ion Ratio Lower Upper
117 100
82 53.8 42.2 63.4
119 33.0 27.4 41.0



#64
Tetrachloroethene
Concen: 20.087 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Tgt Ion:164 Resp: 71788
Ion Ratio Lower Upper
164 100
166 127.9 98.4 147.6
129 93.3 76.1 114.1
131 86.9 71.0 106.4

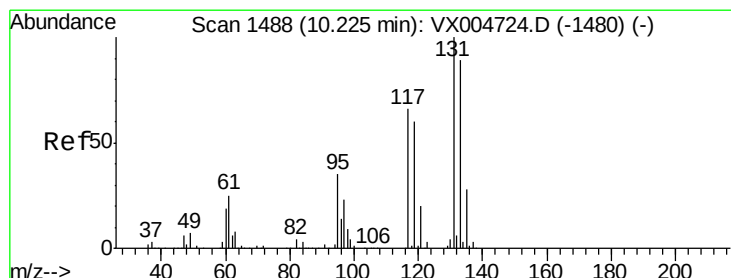
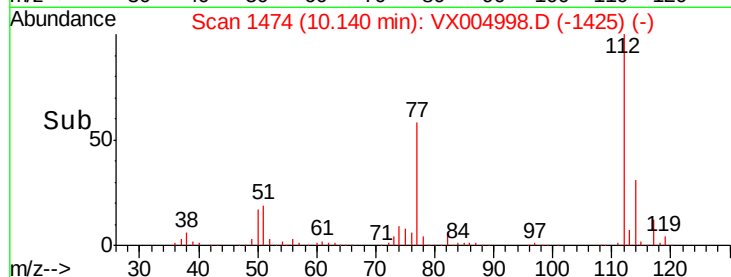
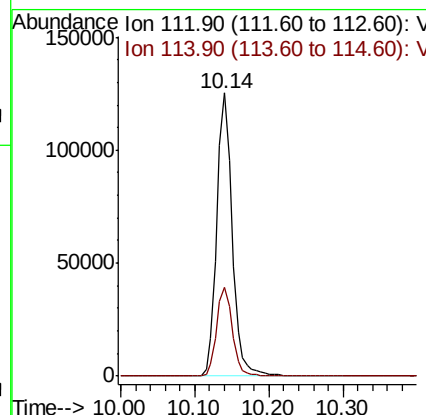
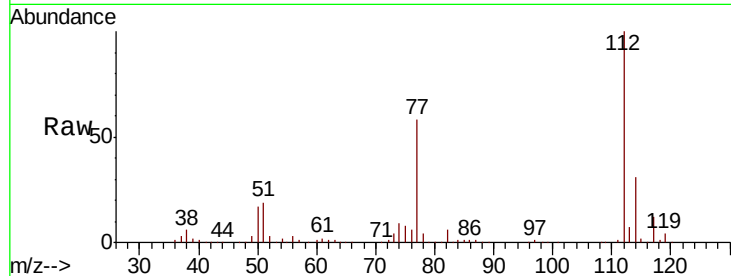




#65
Chlorobenzene
Concen: 19.161 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

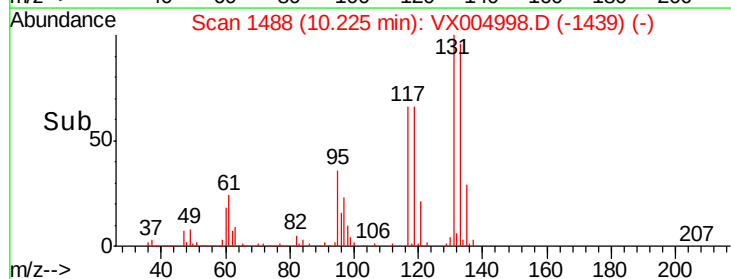
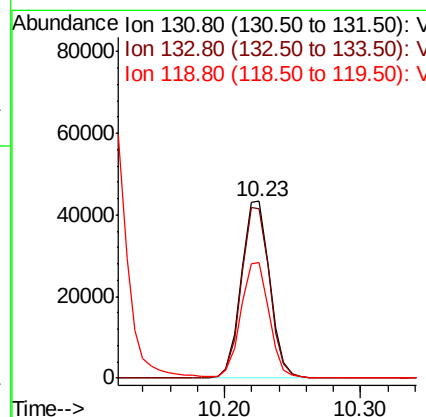
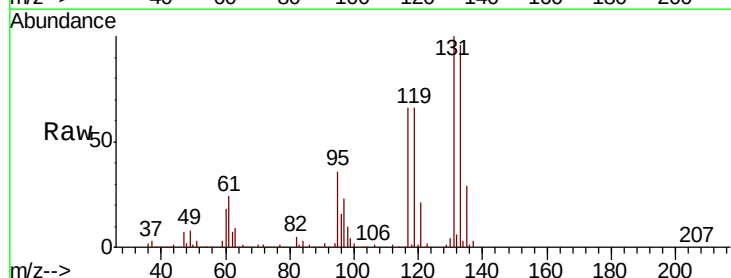
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD02

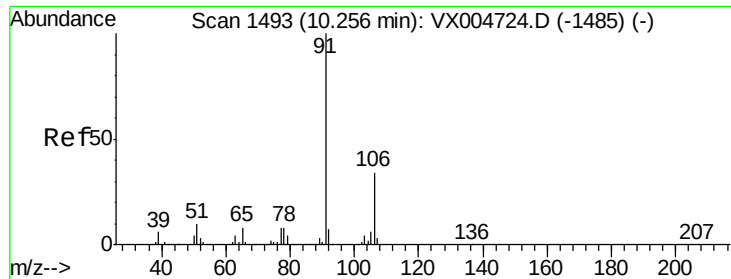
Tot Ion:112 Resp: 178418
Ion Ratio Lower Upper
112 100
114 31.5 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 19.265 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Tgt Ion:131 Resp: 63064
Ion Ratio Lower Upper
131 100
133 96.1 48.4 145.0
119 65.4 32.3 96.8





#67

Ethyl Benzene

Concen: 19.825 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

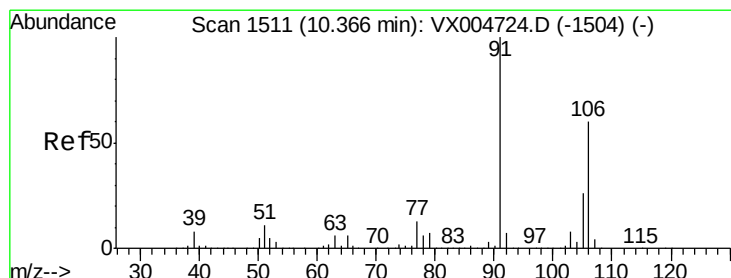
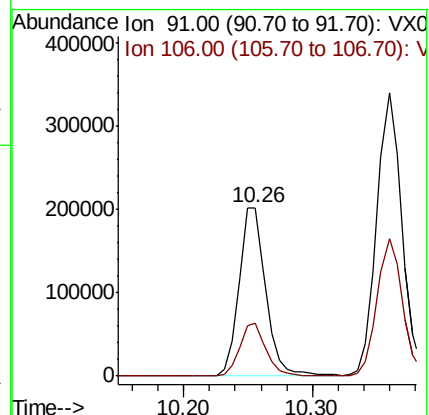
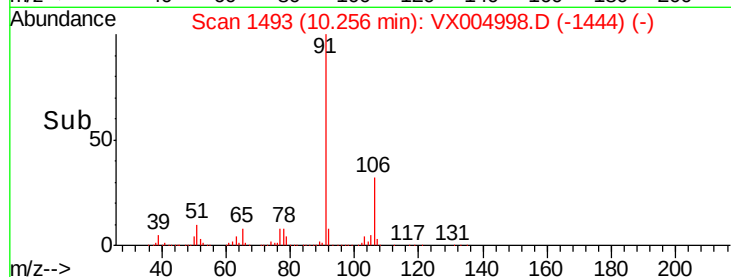
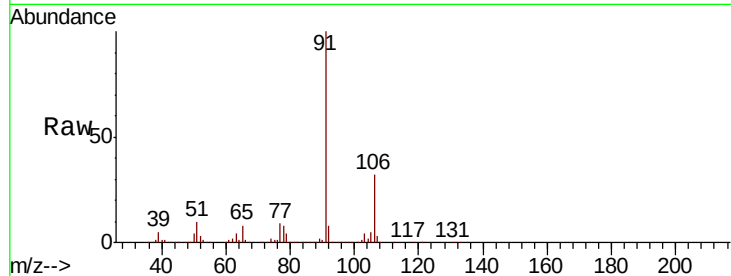
VX1004WBSD02

Tot Ion: 91 Resp: 293073

Ion Ratio Lower Upper

91 100

106 31.7 26.9 40.3



#68

m/p-Xylenes

Concen: 39.799 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX004998.D

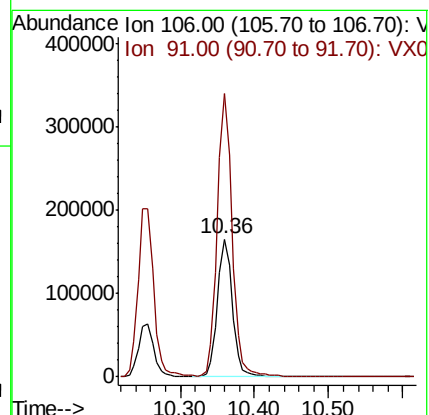
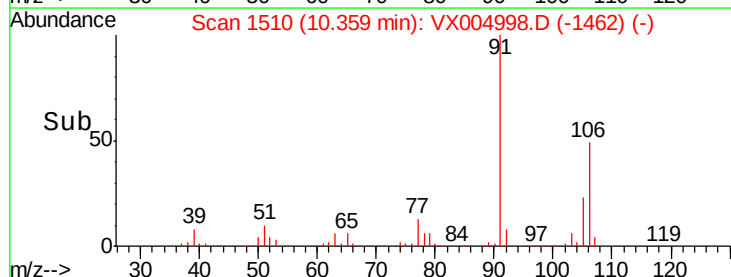
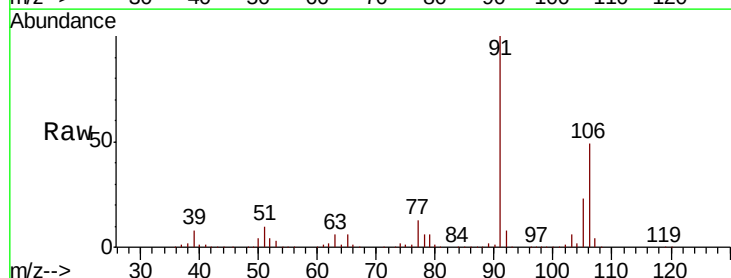
Acq: 04 Oct 2018 05:08

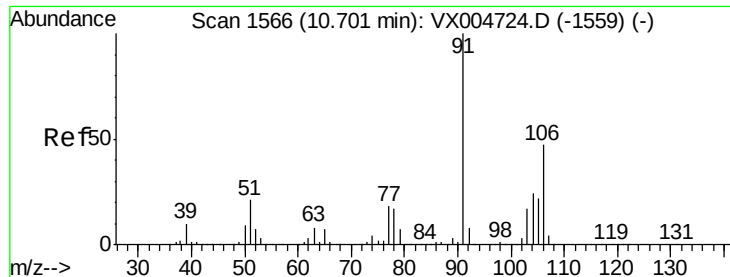
Tgt Ion: 106 Resp: 229913

Ion Ratio Lower Upper

106 100

91 204.0 157.5 236.3

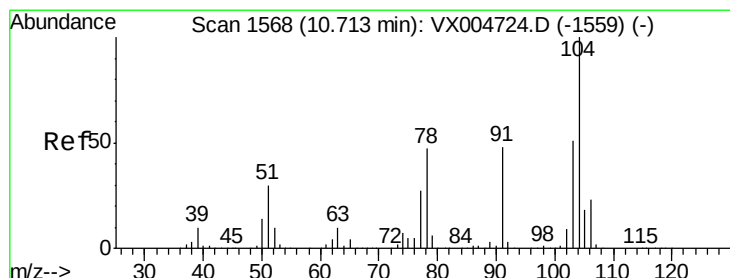
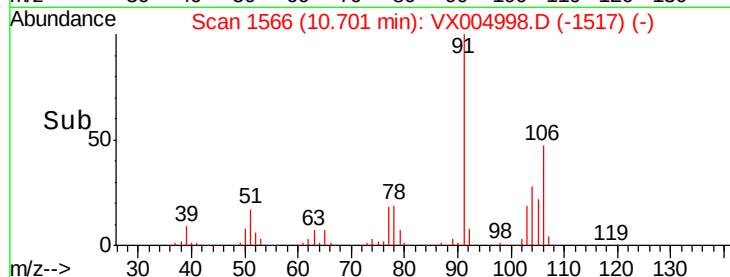
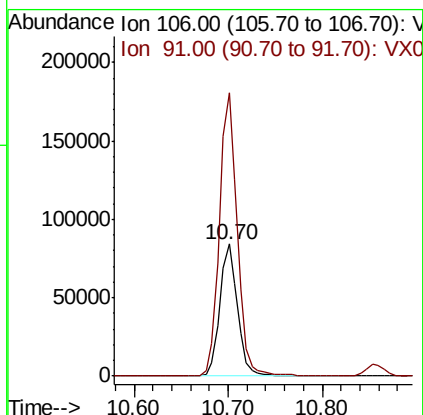
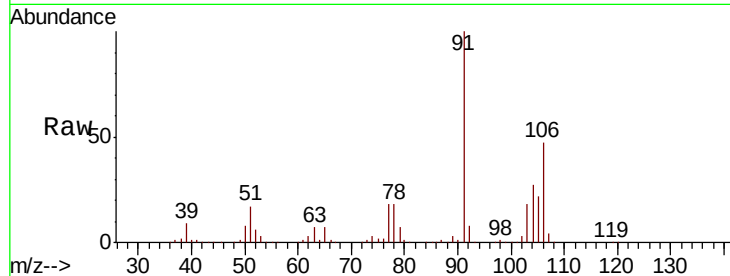




#69
o-Xylene
Concen: 20.733 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

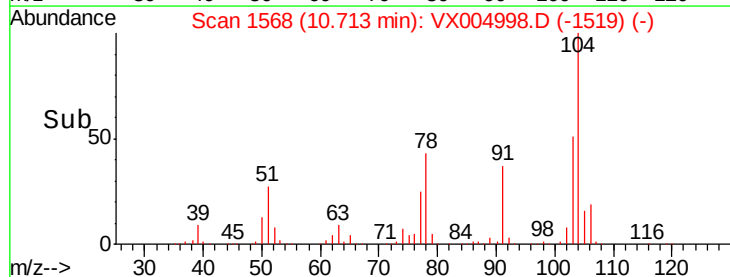
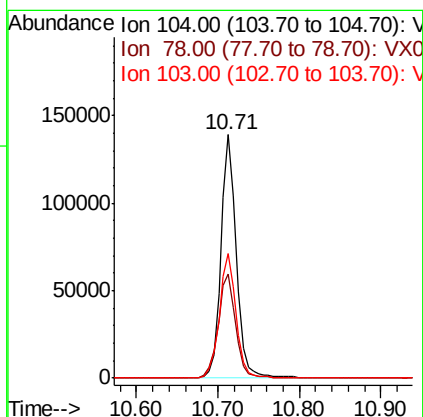
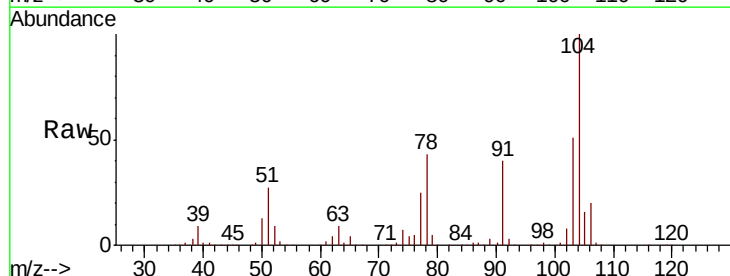
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBSD02

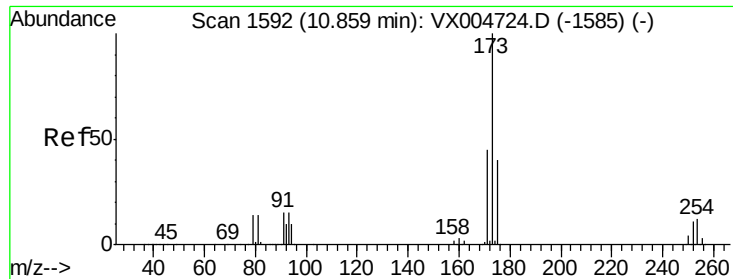
Tot Ion:106 Resp: 110008
Ion Ratio Lower Upper
106 100
91 216.4 108.3 324.8



#70
Styrene
Concen: 19.860 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX004998.D
Acq: 04 Oct 2018 05:08

Tgt Ion:104 Resp: 183711
Ion Ratio Lower Upper
104 100
78 49.2 40.0 60.0
103 56.0 44.3 66.5





#71

Bromoform

Concen: 18.319 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

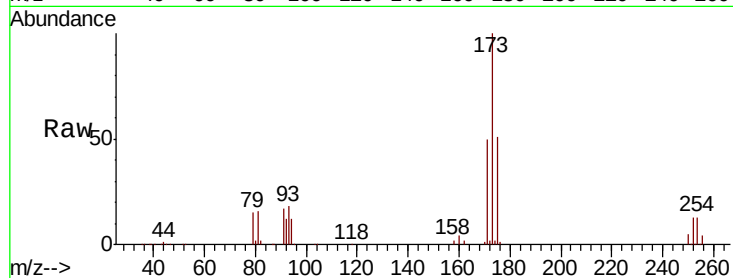
Tot Ion:173 Resp: 51340

Ion Ratio Lower Upper

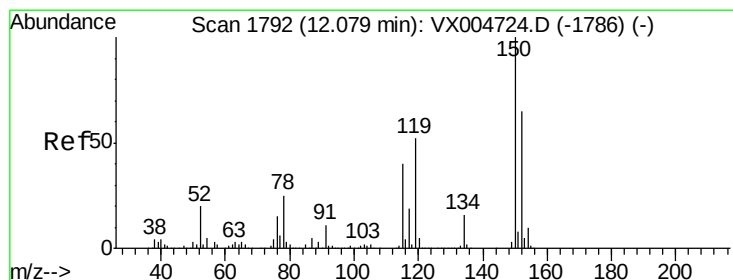
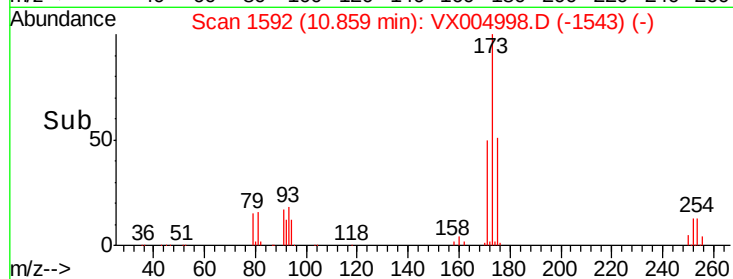
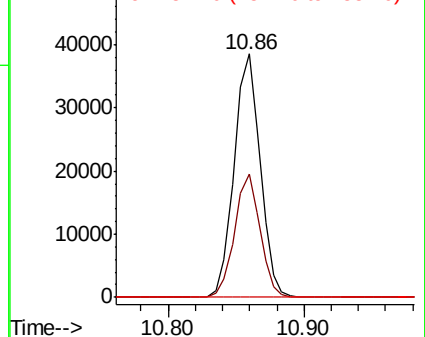
173 100

175 49.6 23.3 69.8

254 0.1 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

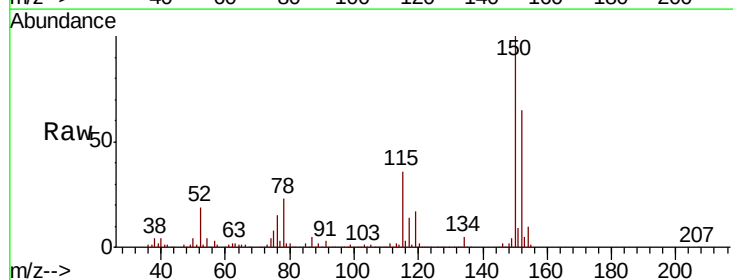
Tgt Ion:152 Resp: 214078

Ion Ratio Lower Upper

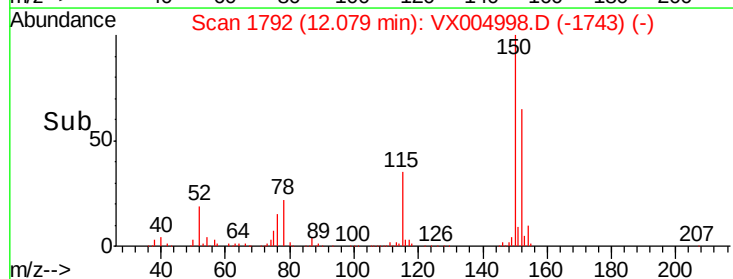
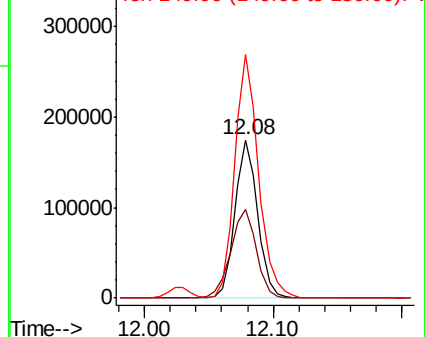
152 100

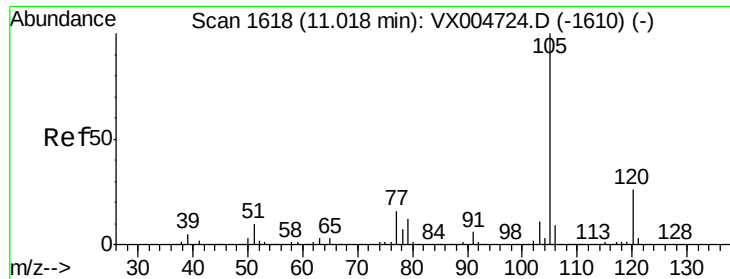
115 64.1 40.2 120.6

150 162.7 0.0 351.0



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: 22.128 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

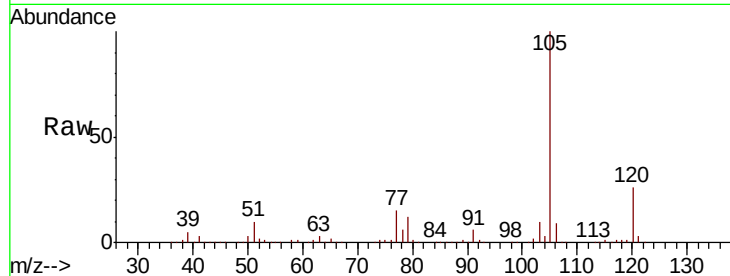
VX1004WBSD02

Tot Ion: 105 Resp: 298583

Ion Ratio Lower Upper

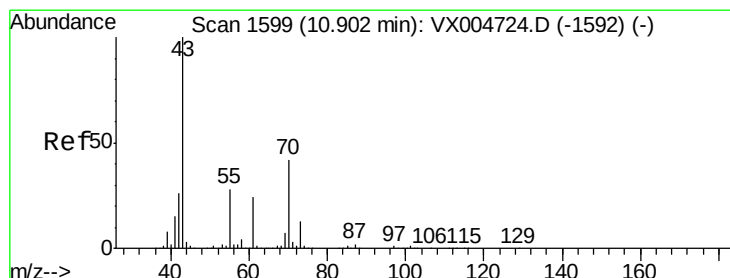
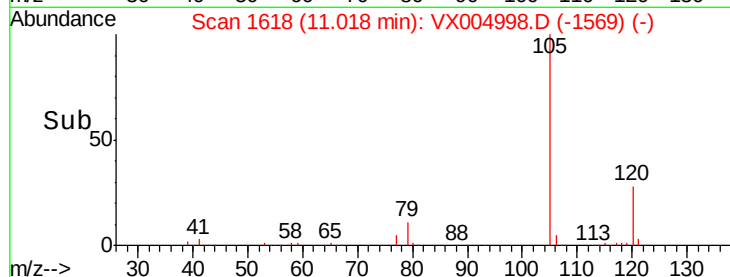
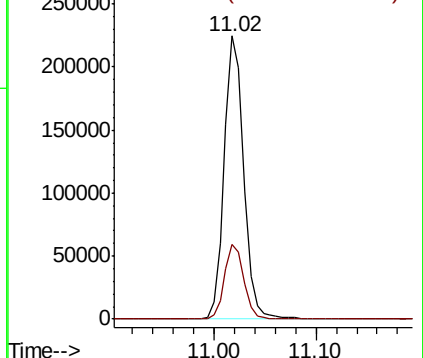
105 100

120 26.4 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.974 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Tgt Ion: 43 Resp: 140075

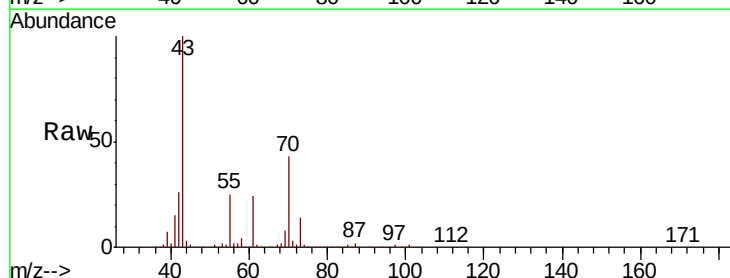
Ion Ratio Lower Upper

43 100

70 41.6 32.6 48.8

55 25.3 21.6 32.4

61 23.9 19.1 28.7

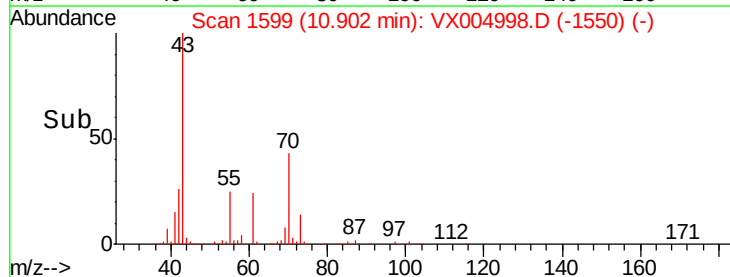
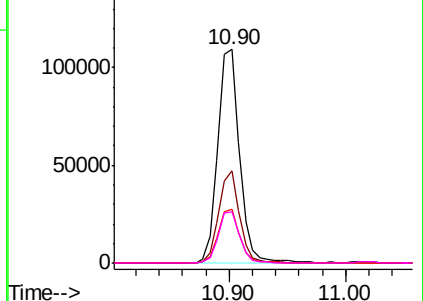


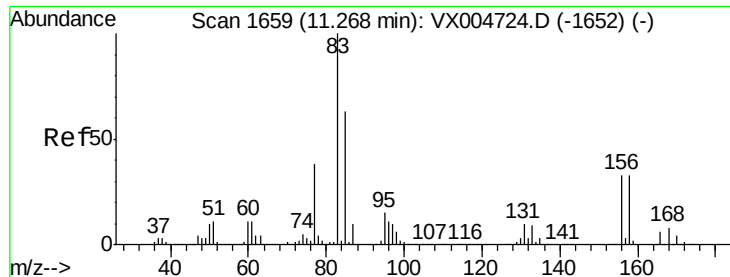
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 19.367 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

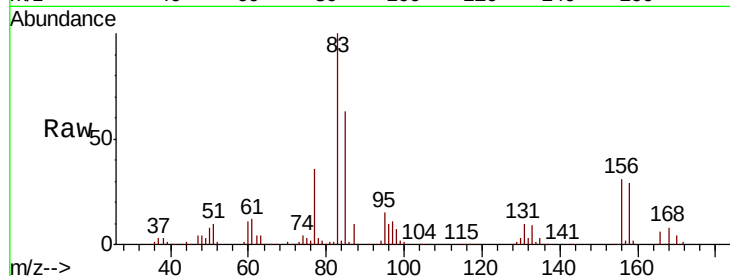
Tot Ion: 83 Resp: 106382

Ion Ratio Lower Upper

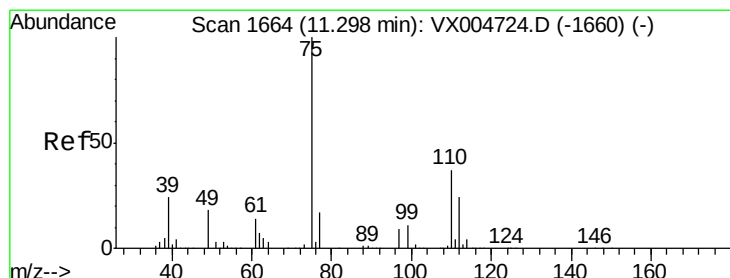
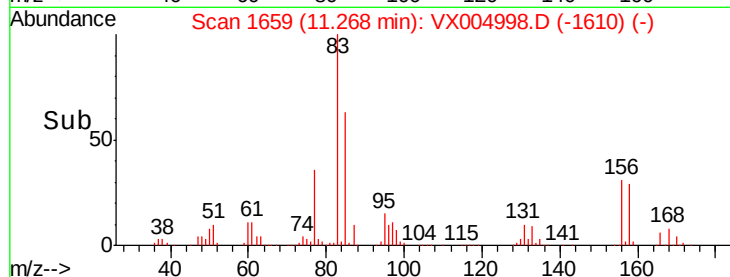
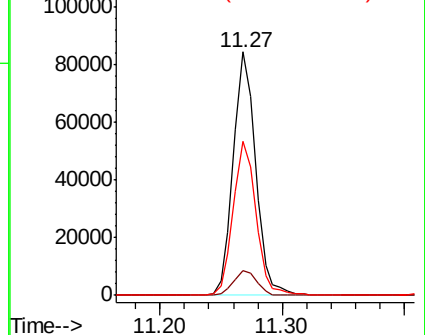
83 100

131 10.4 5.1 15.3

85 64.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.239 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004998.D

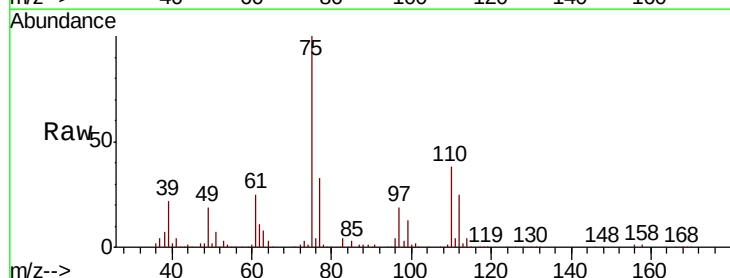
Acq: 04 Oct 2018 05:08

Tgt Ion: 75 Resp: 116304

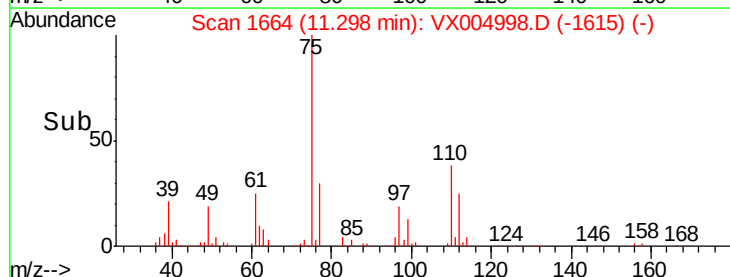
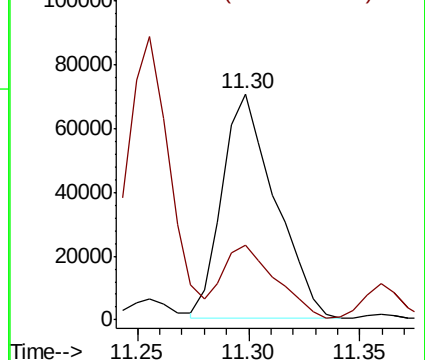
Ion Ratio Lower Upper

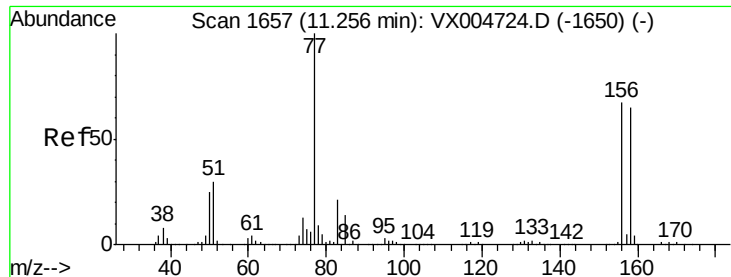
75 100

77 33.8 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.828 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

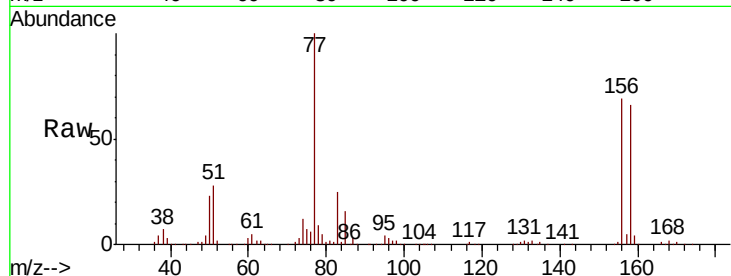
Tot Ion:156 Resp: 81633

Ion Ratio Lower Upper

156 100

77 145.6 73.4 220.2

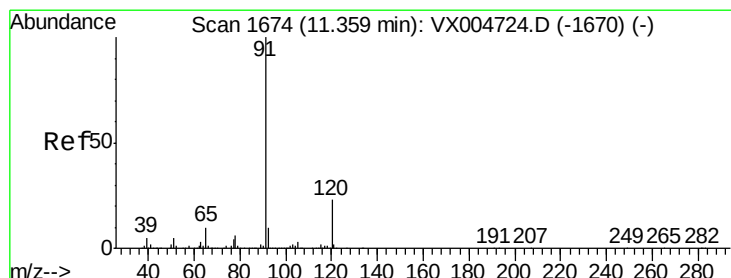
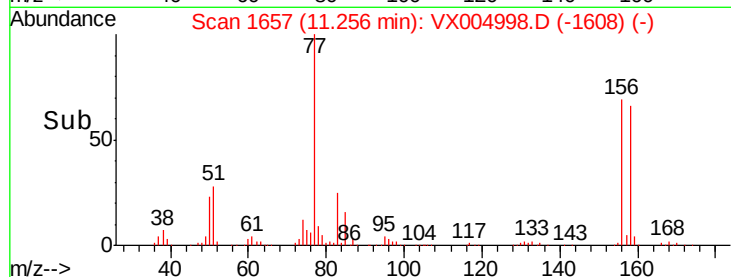
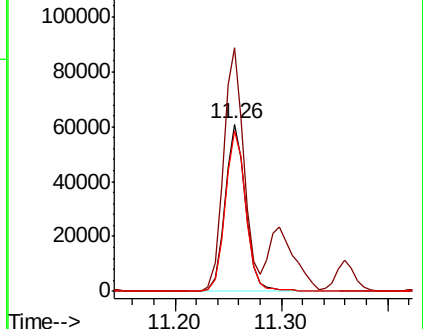
158 97.2 49.1 147.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.582 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004998.D

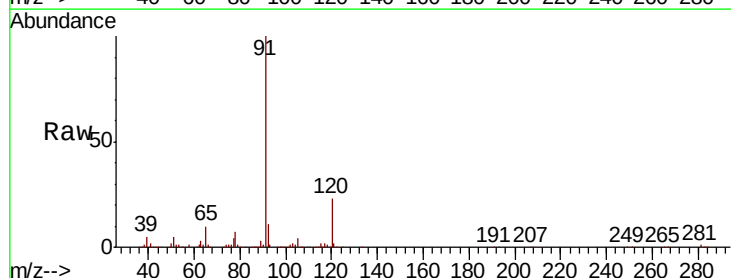
Acq: 04 Oct 2018 05:08

Tgt Ion: 91 Resp: 334135

Ion Ratio Lower Upper

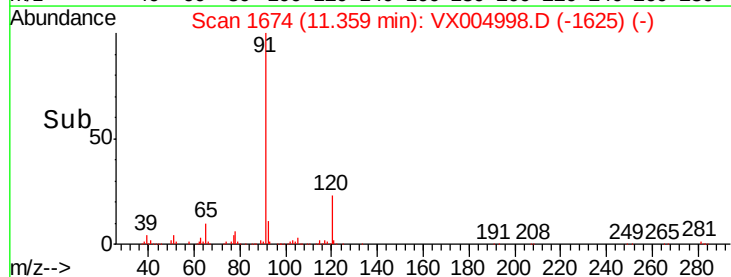
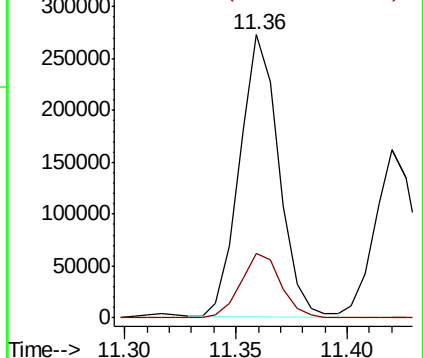
91 100

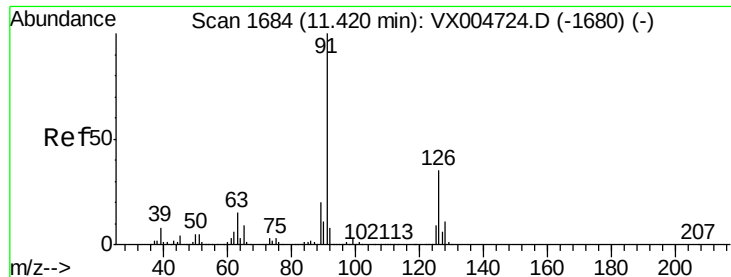
120 23.6 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 21.132 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

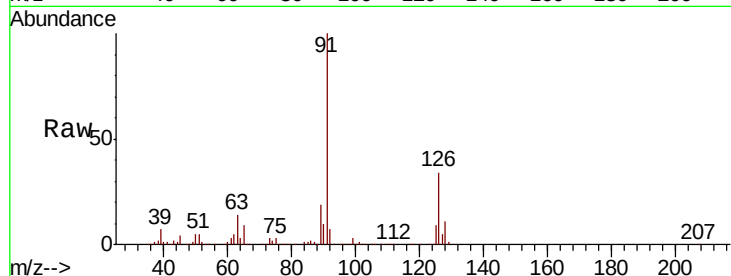
VX1004WBSD02

Tot Ion: 91 Resp: 203928

Ion Ratio Lower Upper

91 100

126 35.4 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1680) (-)

Ion 125.90 (125.60 to 126.60): VX004724.D (-1680) (-)

300000

250000

200000

150000

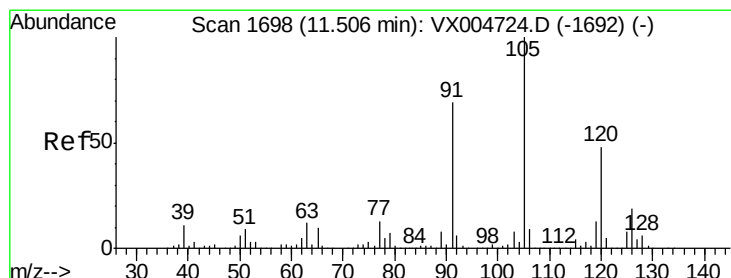
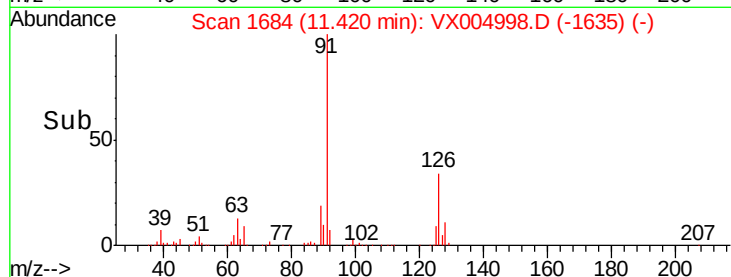
100000

50000

0

11.40 11.42 11.44 11.46 11.48 11.50

Time-->



#80

1,3,5-Trimethylbenzene

Concen: 19.806 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004998.D

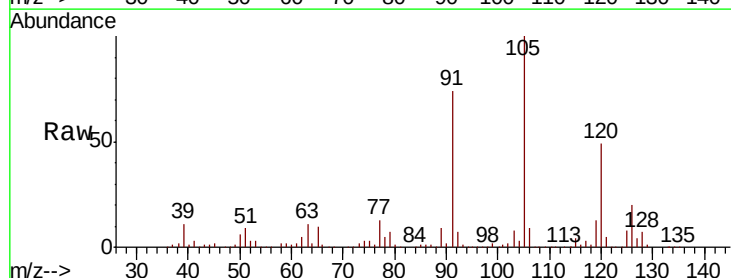
Acq: 04 Oct 2018 05:08

Tgt Ion: 105 Resp: 246428

Ion Ratio Lower Upper

105 100

120 49.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): VX004724.D (-1692) (-)

Ion 120.00 (119.70 to 120.70): VX004724.D (-1692) (-)

200000

150000

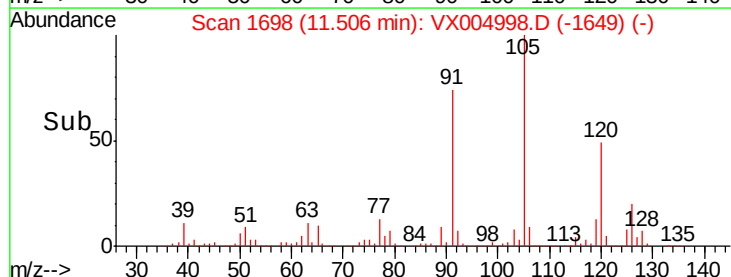
100000

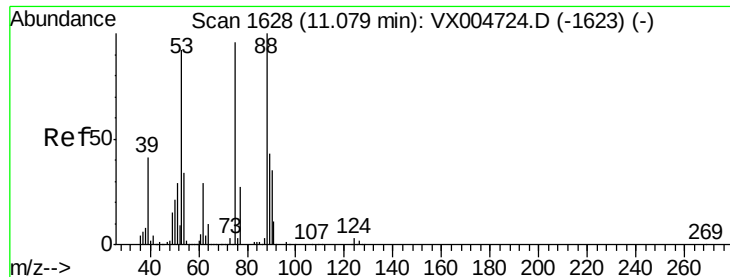
50000

0

11.45 11.50 11.55 11.60

Time-->





#81

trans-1,4-Dichloro-2-butene

Concen: 15.188 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

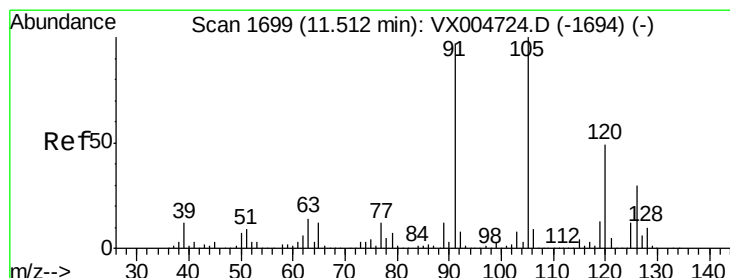
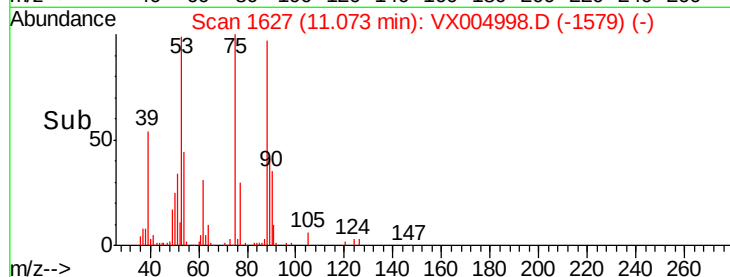
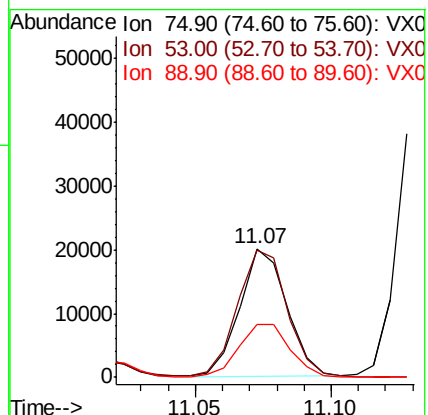
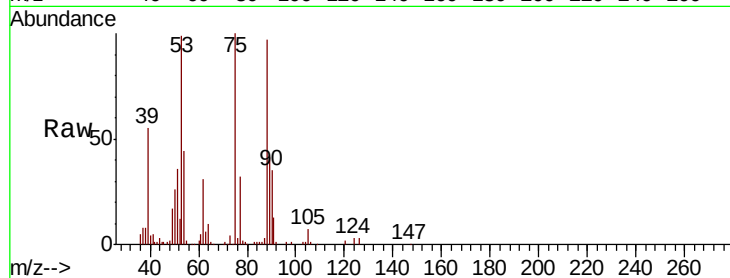
Tot Ion: 75 Resp: 24185

Ion Ratio Lower Upper

75 100

53 104.8 80.2 120.4

89 45.5 37.1 55.7



#82

4-Chlorotoluene

Concen: 21.039 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004998.D

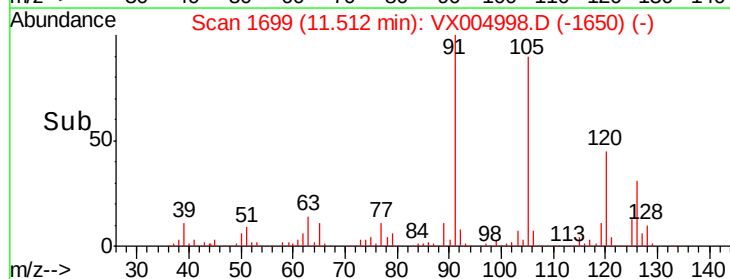
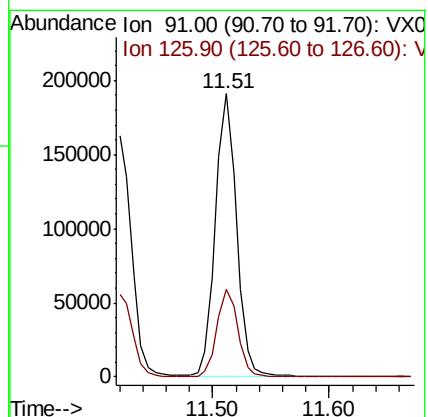
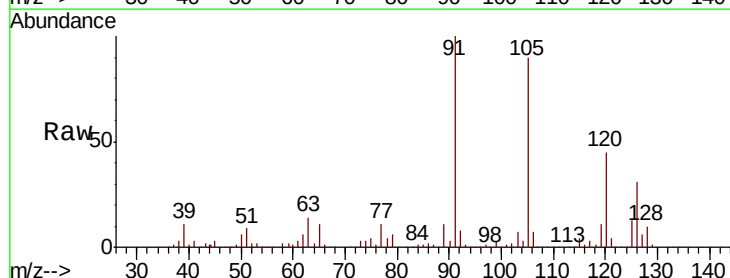
Acq: 04 Oct 2018 05:08

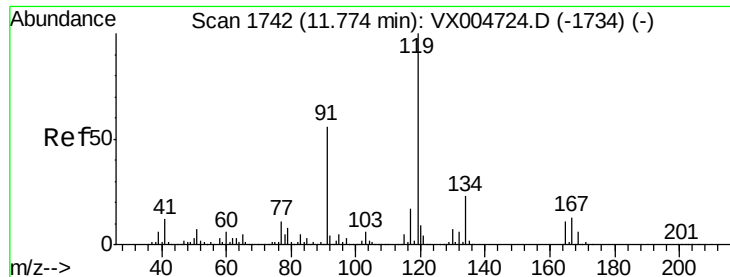
Tgt Ion: 91 Resp: 238978

Ion Ratio Lower Upper

91 100

126 30.9 15.5 46.5

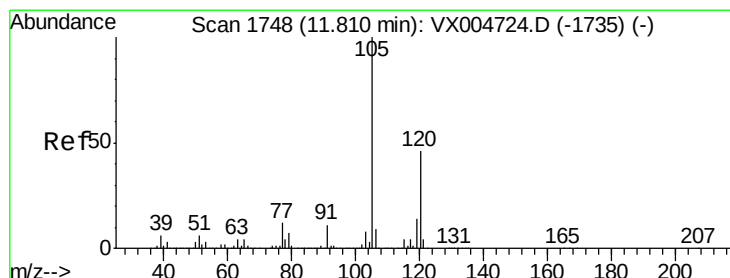
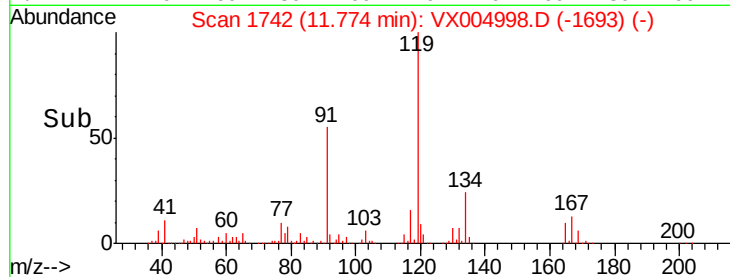
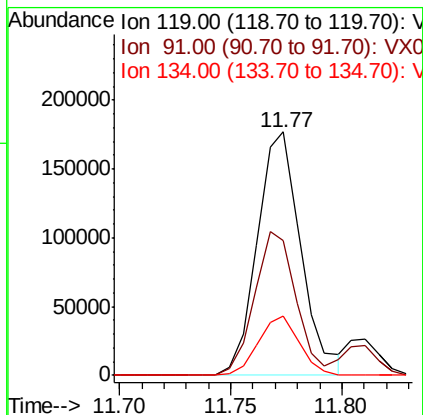
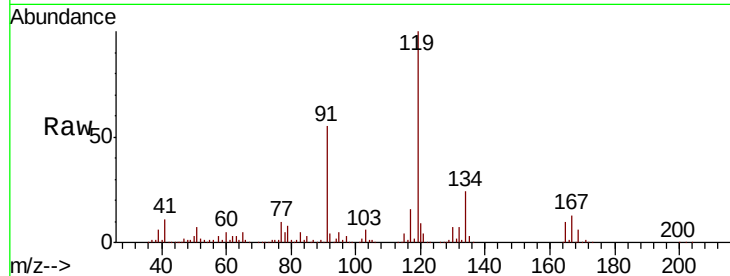




#83
 tert-Butylbenzene
 Concen: 21.706 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

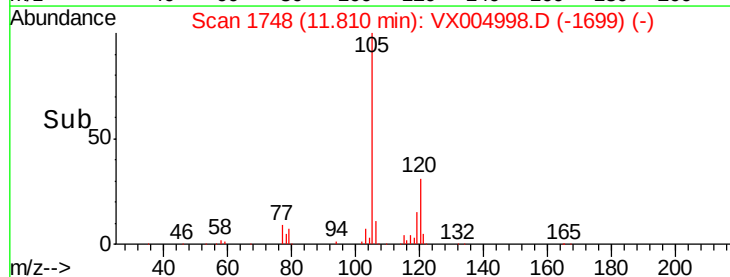
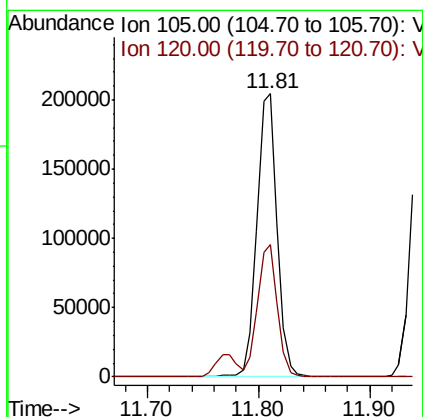
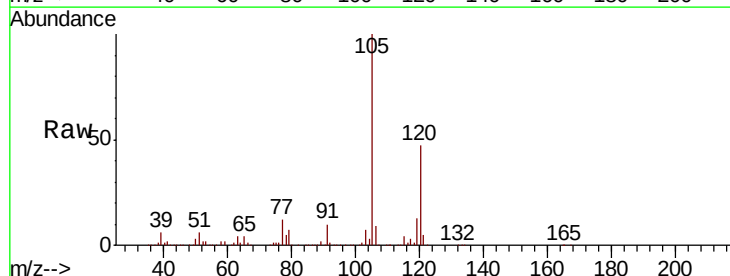
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD02

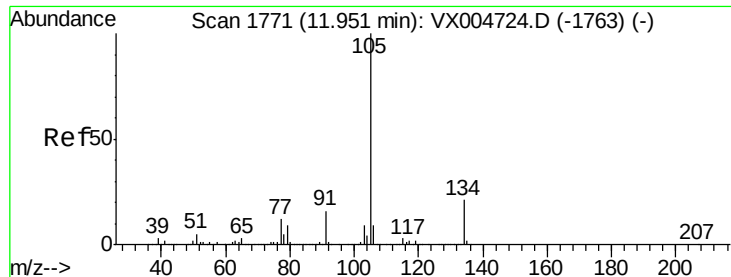
Tot Ion:119 Resp: 241150
 Ion Ratio Lower Upper
 119 100
 91 56.1 27.5 82.5
 134 23.2 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 20.220 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Tgt Ion:105 Resp: 259388
 Ion Ratio Lower Upper
 105 100
 120 45.6 22.8 68.3





#85

sec-Butylbenzene

Concen: 21.238 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

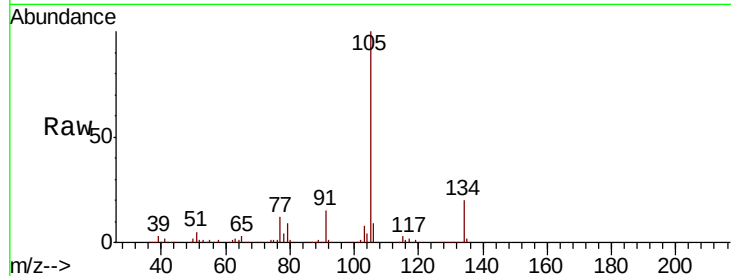
VX1004WBSD02

Tot Ion:105 Resp: 287389

Ion Ratio Lower Upper

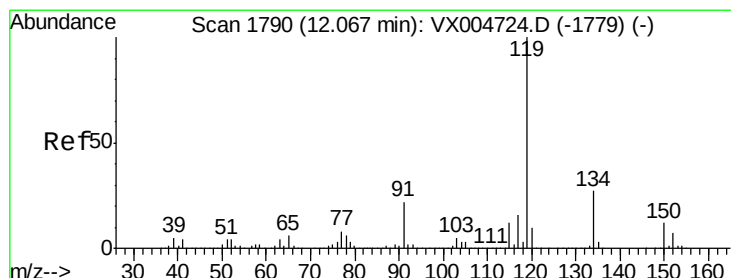
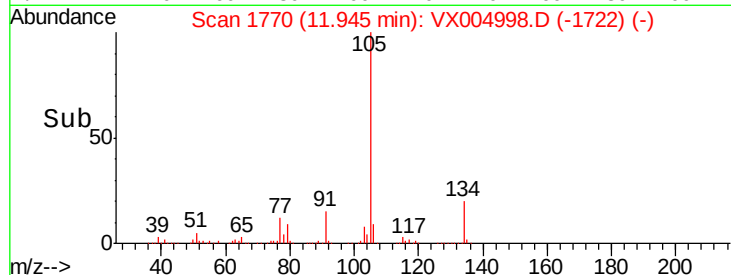
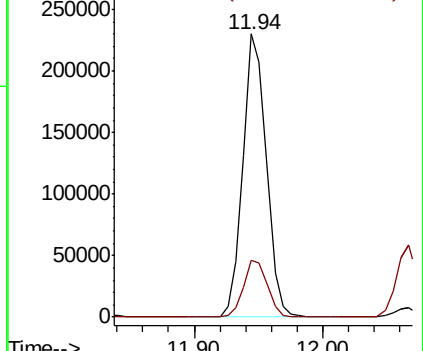
105 100

134 20.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.945 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

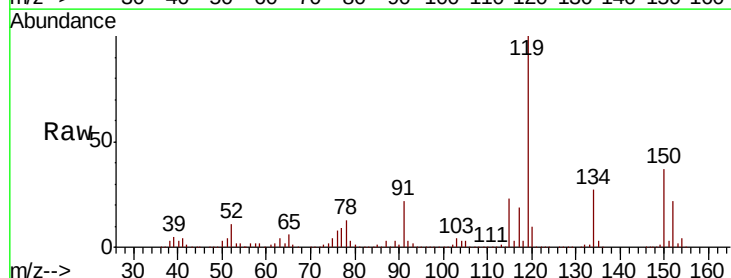
Tgt Ion:119 Resp: 256793

Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

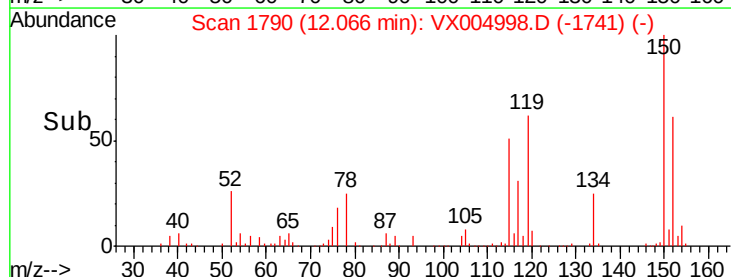
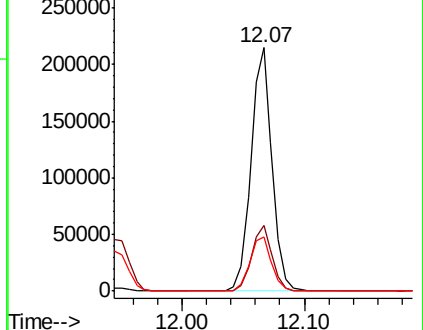
91 22.9 11.5 34.4

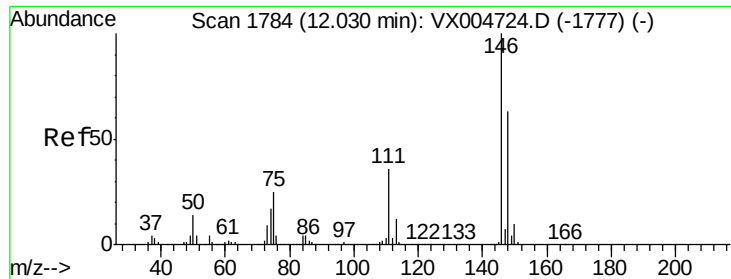


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.850 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

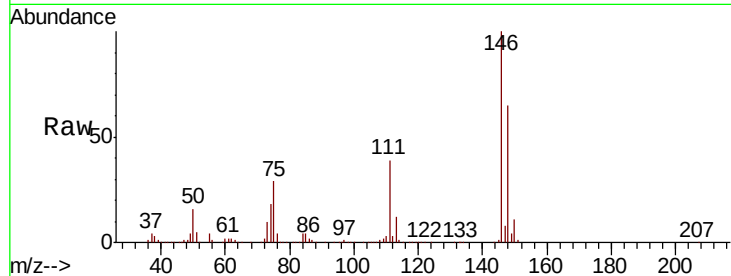
Tot Ion:146 Resp: 145275

Ion Ratio Lower Upper

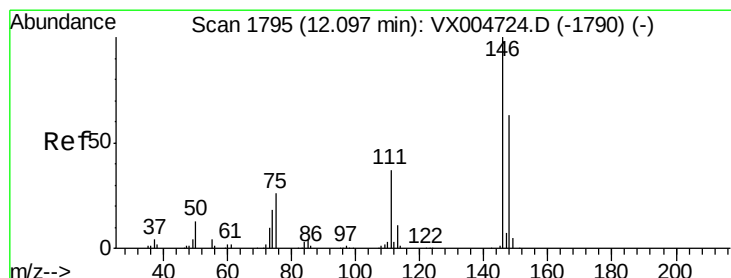
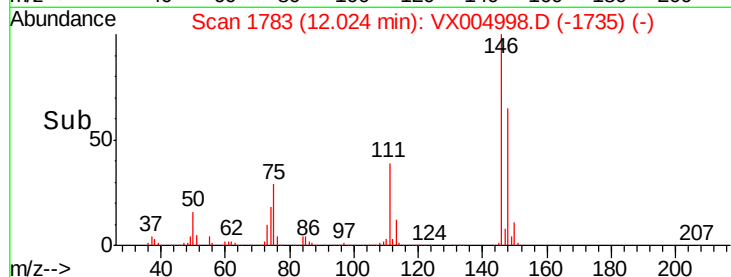
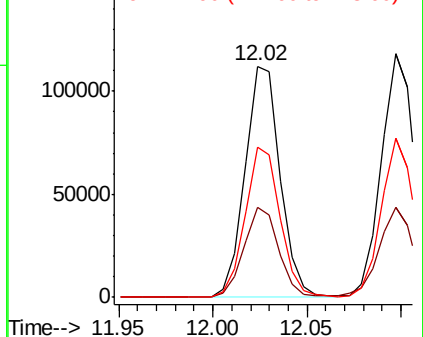
146 100

111 38.6 18.9 56.9

148 64.5 31.8 95.3



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



#88

1,4-Dichlorobenzene

Concen: 19.686 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

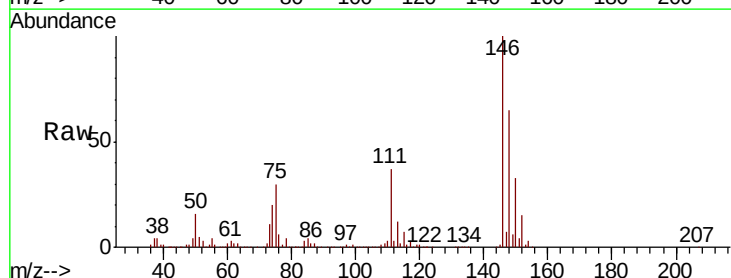
Tgt Ion:146 Resp: 148728

Ion Ratio Lower Upper

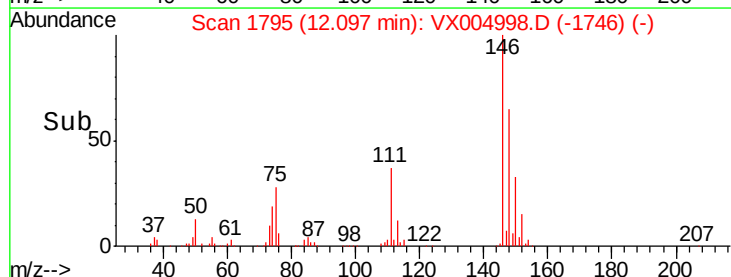
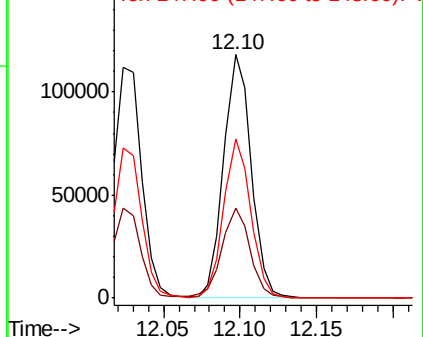
146 100

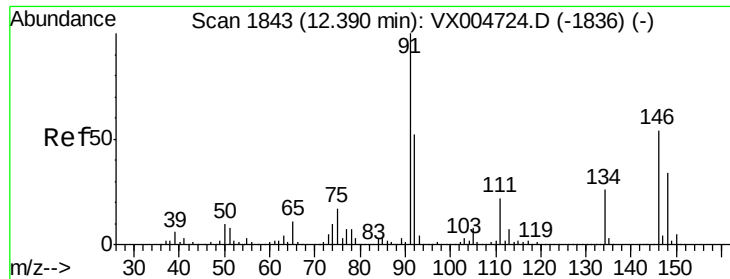
111 38.0 18.4 55.2

148 64.3 32.0 96.0



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





#89

n-Butylbenzene

Concen: 19.607 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

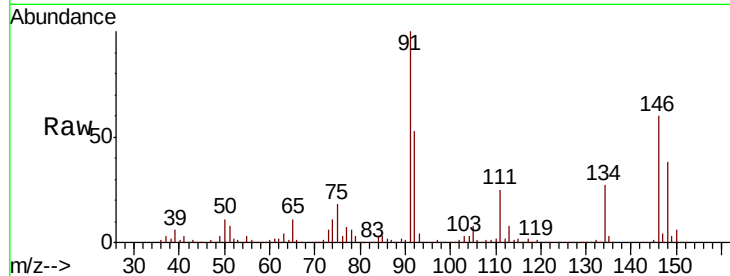
Tot Ion: 91 Resp: 218318

Ion Ratio Lower Upper

91 100

92 52.0 26.0 78.0

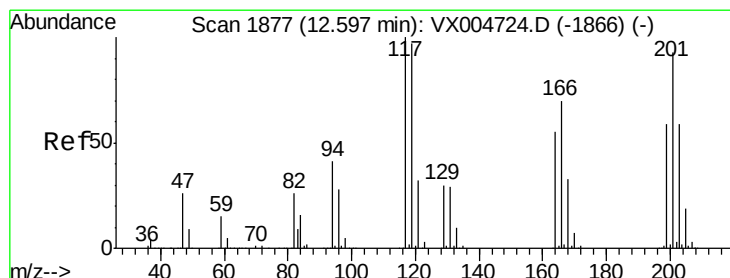
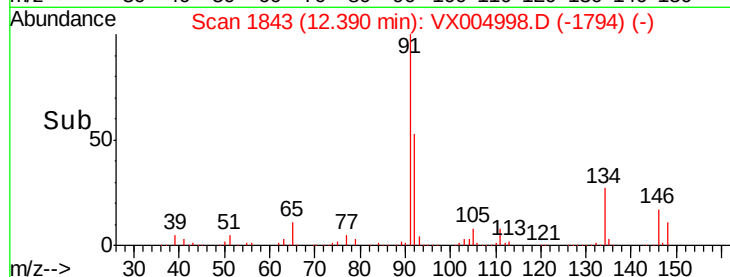
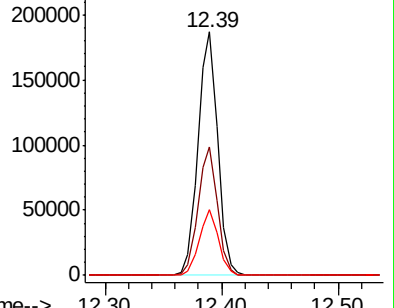
134 26.2 13.2 39.6



Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX004724.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX004724.D (-1836) (-)



#90

Hexachloroethane

Concen: 18.787 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX004998.D

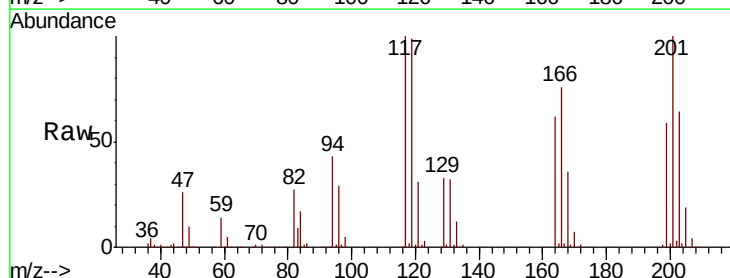
Acq: 04 Oct 2018 05:08

Tgt Ion: 117 Resp: 38349

Ion Ratio Lower Upper

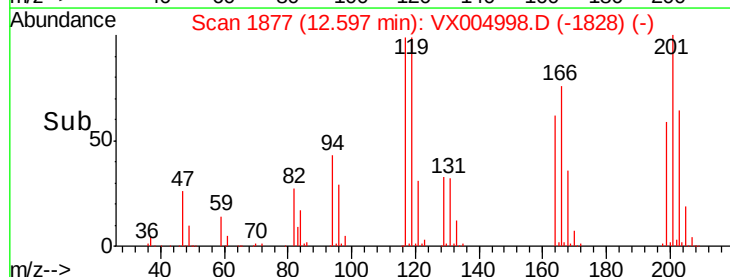
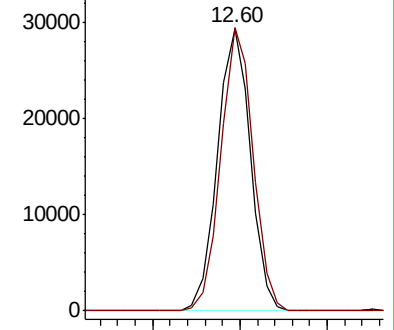
117 100

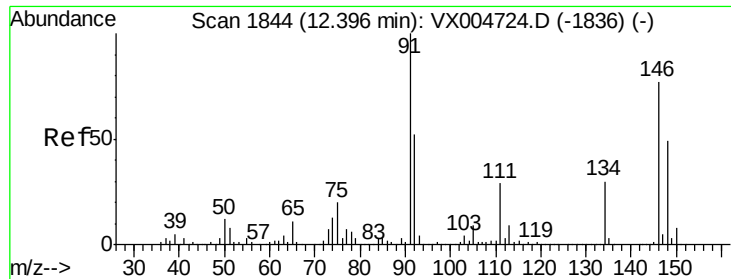
201 98.4 48.4 145.0



Abundance Ion 116.80 (116.50 to 117.50): VX004724.D (-1866) (-)

Ion 200.70 (200.40 to 201.40): VX004724.D (-1866) (-)





#91

1,2-Dichlorobenzene

Concen: 19.333 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

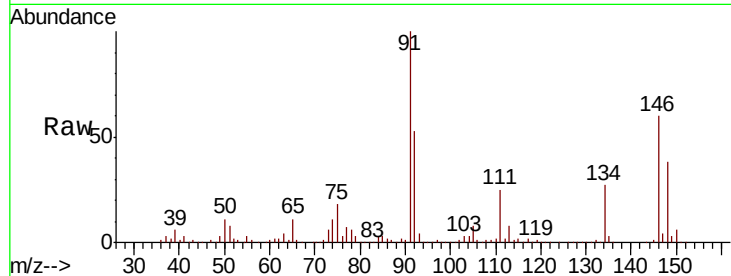
Tot Ion:146 Resp: 147860

Ion Ratio Lower Upper

146 100

111 39.2 19.6 58.7

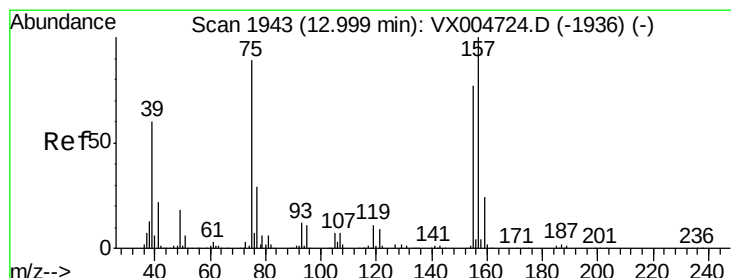
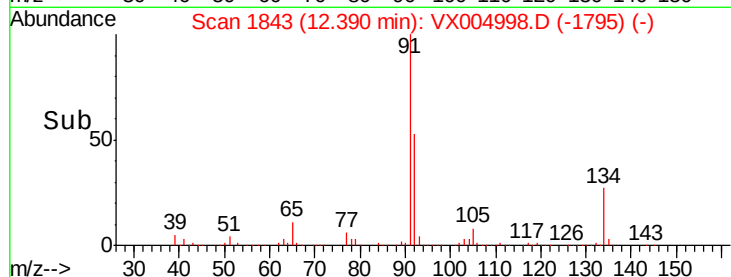
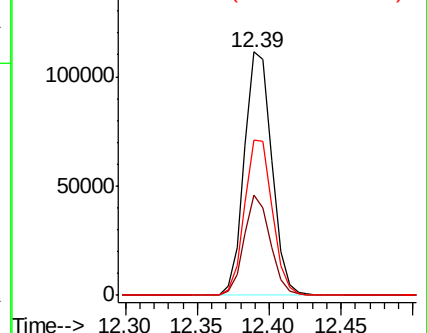
148 64.4 31.8 95.4



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 19.768 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

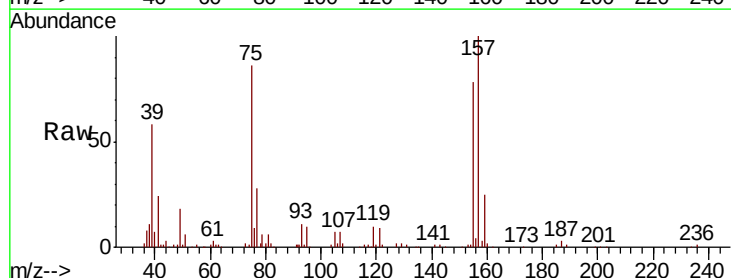
Tgt Ion: 75 Resp: 23841

Ion Ratio Lower Upper

75 100

155 95.2 46.1 138.3

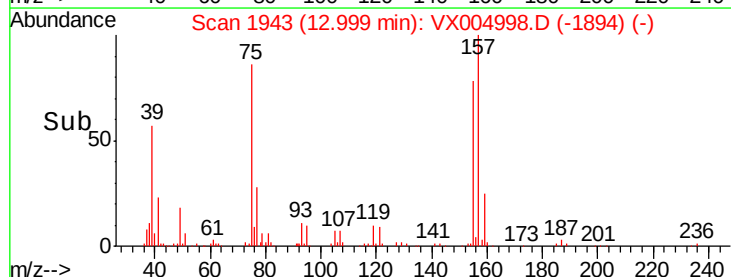
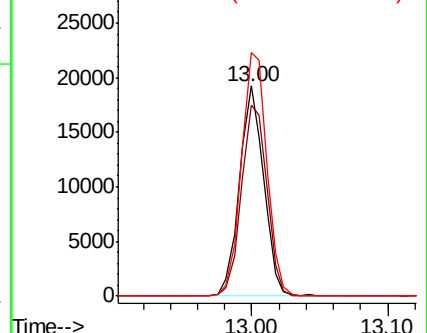
157 121.5 60.2 180.6

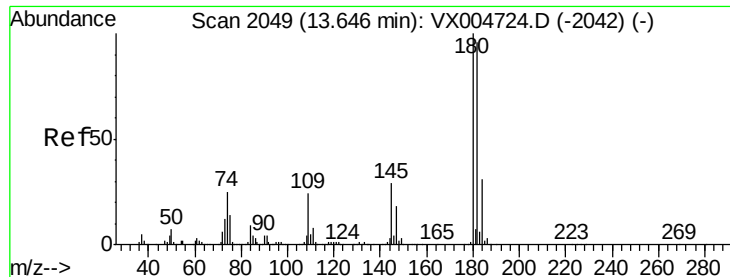


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

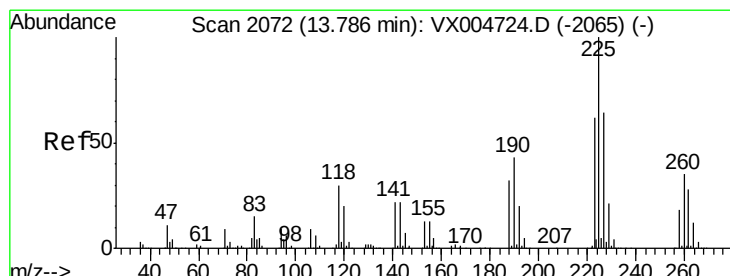
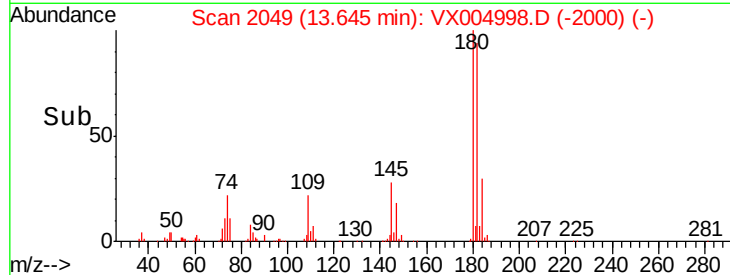
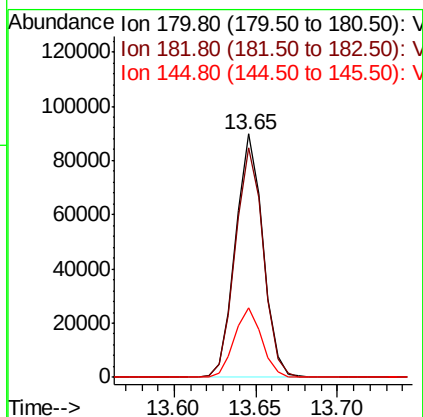
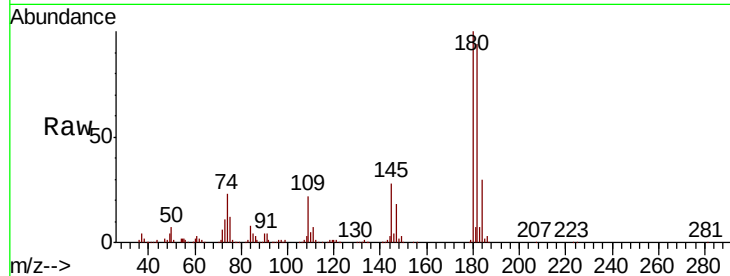




#93
 1,2,4-Trichlorobenzene
 Concen: 19.530 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

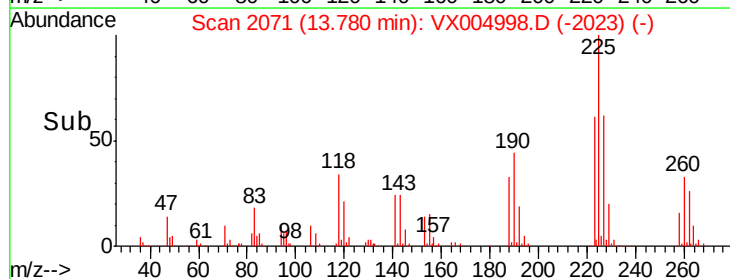
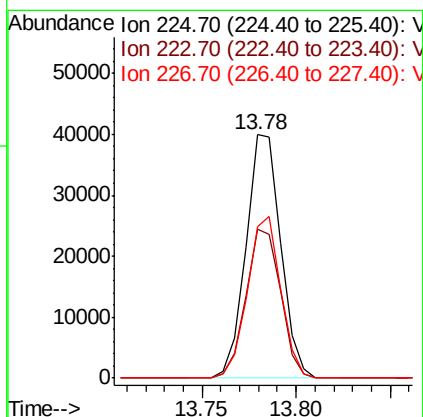
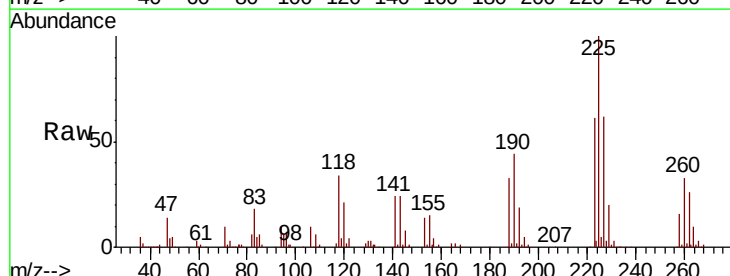
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBSD02

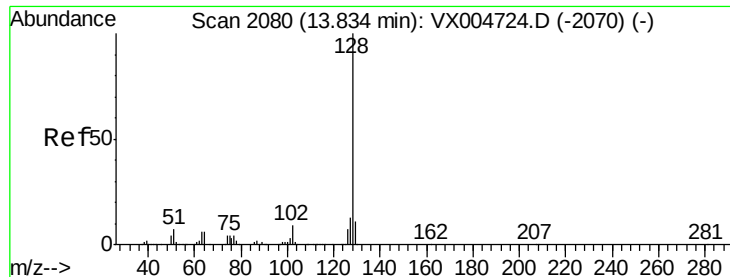
Tot Ion	Ratio	Lower	Upper
180	100		
182	96.2	47.8	143.4
145	28.3	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 18.309 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX004998.D
 Acq: 04 Oct 2018 05:08

Tgt Ion	Ratio	Lower	Upper
225	100		
223	61.3	31.3	93.8
227	63.8	31.9	95.5





#95

Naphthalene

Concen: 19.702 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBSD02

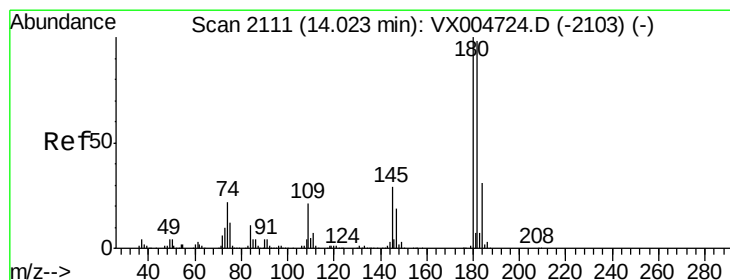
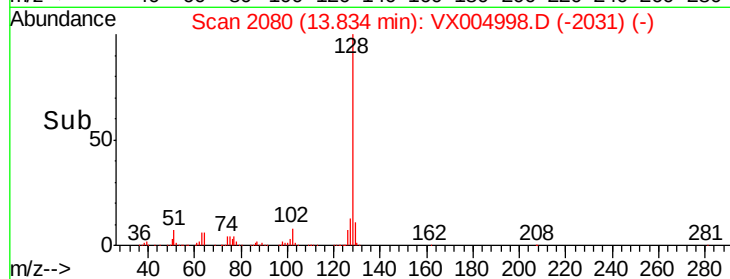
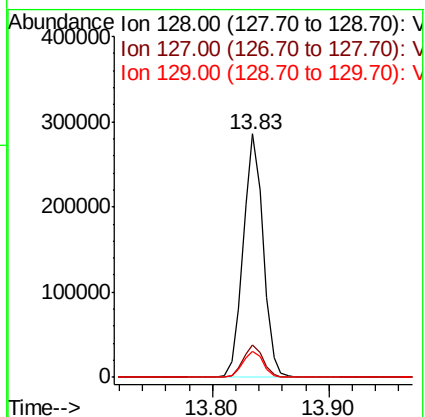
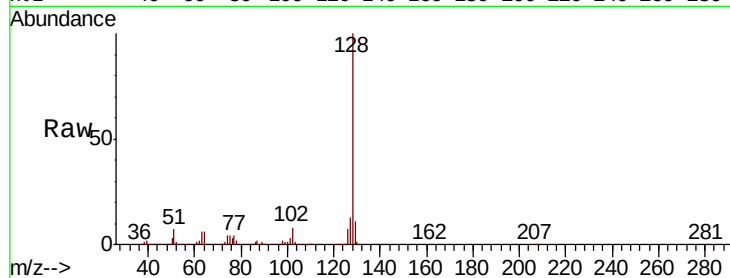
Tot Ion:128 Resp: 342962

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 19.844 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. -0.00 min

Lab File: VX004998.D

Acq: 04 Oct 2018 05:08

Tgt Ion:180 Resp: 109978

Ion Ratio Lower Upper

180 100

182 96.9 47.9 143.8

145 29.9 15.0 45.0

