

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100418\
 Data File : VX004997.D
 Acq On : 04 Oct 2018 04:41
 Operator : JC/MD
 Sample : VX1004WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS02

Quant Time: Oct 04 08:48:07 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	273056	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	380166	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	357700	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	210994	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	187261	48.01	ug/l	0.00
Spiked Amount						
			Recovery	=	96.02%	
35) Dibromofluoromethane	5.51	113	158540	49.21	ug/l	0.00
Spiked Amount						
			Recovery	=	98.42%	
50) Toluene-d8	8.72	98	546019	50.98	ug/l	0.00
Spiked Amount						
			Recovery	=	101.96%	
62) 4-Bromofluorobenzene	11.14	95	198608	51.47	ug/l	0.00
Spiked Amount						
			Recovery	=	102.94%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	74995	20.144	ug/l	99
3) Chloromethane	1.32	50	80739	17.875	ug/l	99
4) Vinyl Chloride	1.40	62	81299	19.190	ug/l	97
5) Bromomethane	1.64	94	45134	17.966	ug/l	97
6) Chloroethane	1.72	64	47835	19.289	ug/l	94
7) Trichlorofluoromethane	1.93	101	104880	19.997	ug/l	94
8) Diethyl Ether	2.19	74	44704	19.620	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	59445	19.898	ug/l	96
10) Methyl Iodide	2.51	142	54957	13.747	ug/l	91
11) Tert butyl alcohol	3.07	59	115765	106.143	ug/l	98
12) 1,1-Dichloroethene	2.37	96	58286	19.700	ug/l	96
13) Acrolein	2.29	56	20941	26.986	ug/l	93
14) Allyl chloride	2.73	41	119512	18.513	ug/l	96
15) Acrylonitrile	3.15	53	237642	98.979	ug/l	97
16) Acetone	2.45	43	209949	92.194	ug/l #	88
17) Carbon Disulfide	2.57	76	154105	17.334	ug/l #	95
18) Methyl Acetate	2.78	43	132978	23.048	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	212411	20.814	ug/l	92
20) Methylene Chloride	2.85	84	68282	20.121	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	60167	18.577	ug/l	86
22) Diisopropyl ether	3.87	45	220783	20.310	ug/l	93
23) Vinyl Acetate	3.83	43	980318	98.520	ug/l	97
24) 1,1-Dichloroethane	3.70	63	123811	19.094	ug/l	98
25) 2-Butanone	4.70	43	338646	100.886	ug/l	92
26) 2,2-Dichloropropane	4.58	77	57235	12.675	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	70131	19.383	ug/l	99
28) Bromochloromethane	5.01	49	58041	19.008	ug/l	99
29) Tetrahydrofuran	5.16	42	210826	101.051	ug/l	98
30) Chloroform	5.21	83	116640	19.033	ug/l	90
31) Cyclohexane	5.57	56	100437	20.237	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	98531	19.687	ug/l	97
36) 1,1-Dichloropropene	5.80	75	81621	18.567	ug/l	95
37) Ethyl Acetate	4.86	43	112150	19.220	ug/l	98
38) Carbon Tetrachloride	5.78	117	81207	17.574	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	85356	19.016	ug/l	86
40) Benzene	6.15	78	264911	19.249	ug/l	90
41) Methacrylonitrile	5.06	41	65052	20.102	ug/l	98
42) 1,2-Dichloroethane	6.20	62	90620	18.626	ug/l	99
43) Isopropyl Acetate	6.46	43	166075	19.719	ug/l	96
44) Trichloroethene	7.21	130	67126	19.841	ug/l	98
45) 1,2-Dichloropropane	7.52	63	67619	20.036	ug/l	98
46) Dibromomethane	7.66	93	41879	19.745	ug/l	99
47) Bromodichloromethane	7.90	83	77465	19.507	ug/l	98
48) Methyl methacrylate	7.77	41	79989	20.925	ug/l	98
49) 1,4-Dioxane	7.76	88	38559	406.007	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	562682	106.106	ug/l	99
52) Toluene	8.79	92	152229	20.130	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	81318	18.121	ug/l	90
54) cis-1,3-Dichloropropene	8.44	75	90189	19.188	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	64465	19.461	ug/l	96
56) Ethyl methacrylate	9.18	69	96683	19.819	ug/l	96
57) 1,3-Dichloropropane	9.37	76	106949	19.399	ug/l	97
58) 2-Chloroethyl Vinyl ether	8.31	63	276313	105.537	ug/l	99
59) 2-Hexanone	9.49	43	437519	99.006	ug/l	96
60) Dibromochloromethane	9.59	129	62247	18.790	ug/l	99
61) 1,2-Dibromoethane	9.67	107	66434	18.727	ug/l	94
64) Tetrachloroethene	9.34	164	70189	19.937	ug/l	96
65) Chlorobenzene	10.14	112	170671	18.607	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	60959	18.904	ug/l	98
67) Ethyl Benzene	10.26	91	278767	19.143	ug/l	97
68) m/p-Xylenes	10.36	106	220198	38.695	ug/l	95
69) o-Xylene	10.70	106	107576	20.582	ug/l	96
70) Styrene	10.71	104	175417	19.317	ug/l	99
71) Bromoform	10.86	173	49666	17.990	ug/l #	94
73) Isopropylbenzene	11.02	105	283681	21.331	ug/l	99
74) N-amyl acetate	10.90	43	133637	19.391	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	101400	18.730	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	113374	23.973	ug/l	85
77) Bromobenzene	11.26	156	78318	20.275	ug/l	98
78) n-propylbenzene	11.36	91	318877	20.897	ug/l	99
79) 2-Chlorotoluene	11.42	91	195154	20.518	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	236742	19.301	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	24084	15.325	ug/l	98
82) 4-Chlorotoluene	11.51	91	228066	20.372	ug/l	100
83) tert-Butylbenzene	11.77	119	229971	21.003	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	249466	19.726	ug/l	99
85) sec-Butylbenzene	11.94	105	275808	20.680	ug/l	99
86) p-Isopropyltoluene	12.07	119	246802	20.425	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	137976	19.129	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	141084	18.948	ug/l	98
89) n-Butylbenzene	12.39	91	207263	18.887	ug/l	100
90) Hexachloroethane	12.60	117	36054	17.921	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	139561	18.514	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23094	19.428	ug/l	99

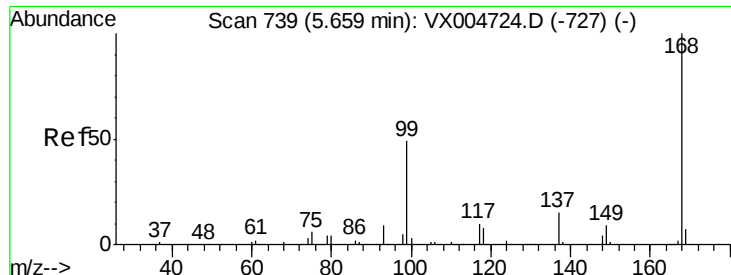
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	99879	18.889	ug/l	100
94) Hexachlorobutadiene	13.78	225	47675	17.387	ug/l	99
95) Naphthalene	13.83	128	326015	19.028	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	103833	19.009	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

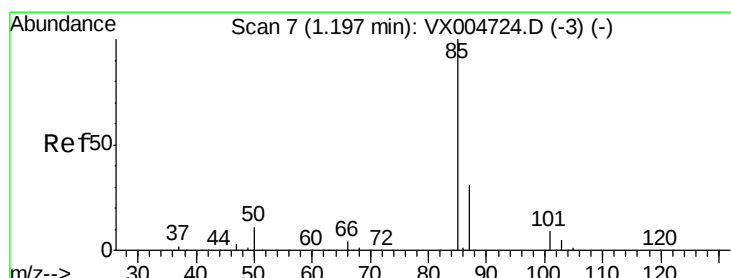
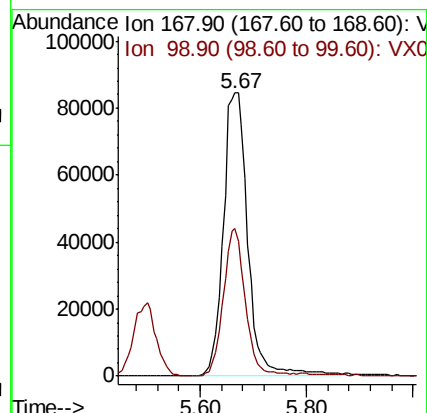
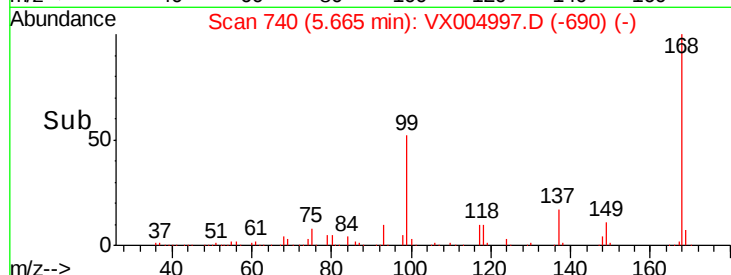
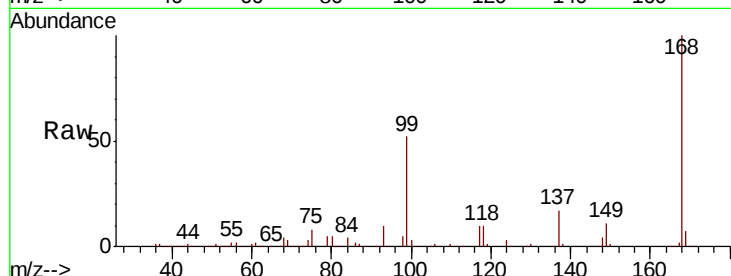
VX1004WBS02

Tot Ion:168 Resp: 273056

Ion Ratio Lower Upper

168 100

99 52.0 39.3 58.9



#2

Dichlorodifluoromethane

Concen: 20.144 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX004997.D

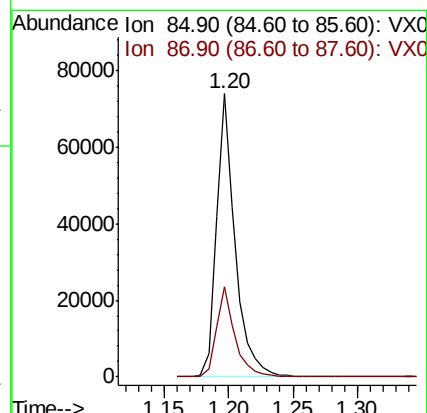
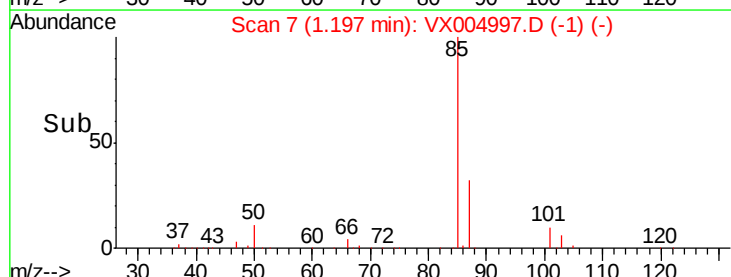
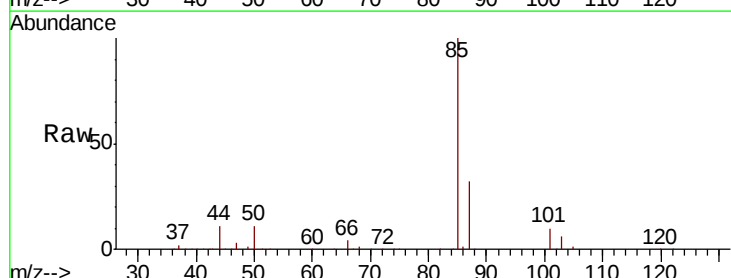
Acq: 04 Oct 2018 04:41

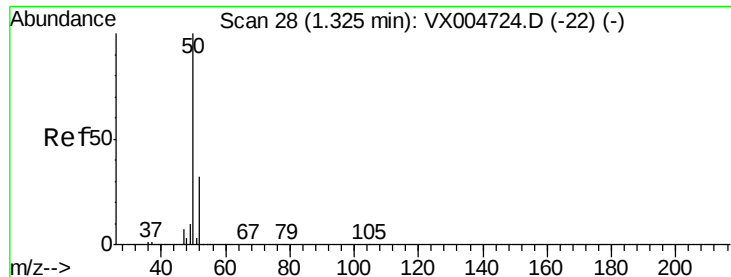
Tgt Ion: 85 Resp: 74995

Ion Ratio Lower Upper

85 100

87 31.7 15.7 47.1





#3

Chloromethane

Concen: 17.875 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

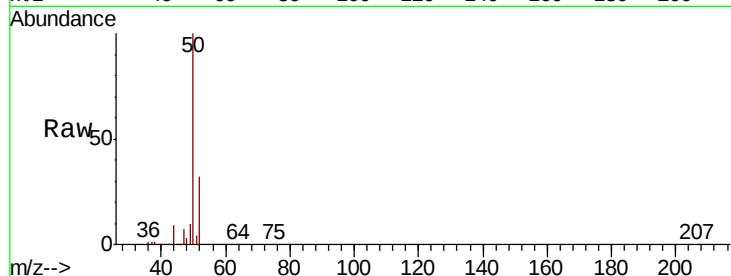
VX1004WBS02

Tot Ion: 50 Resp: 80739

Ion Ratio Lower Upper

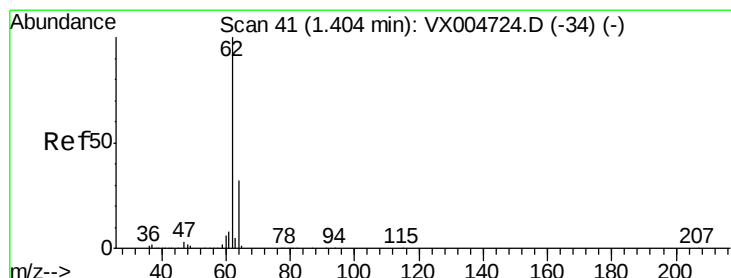
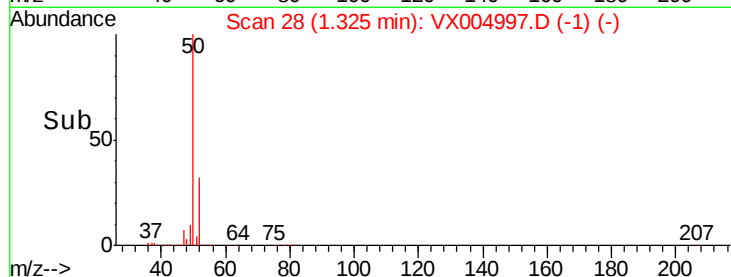
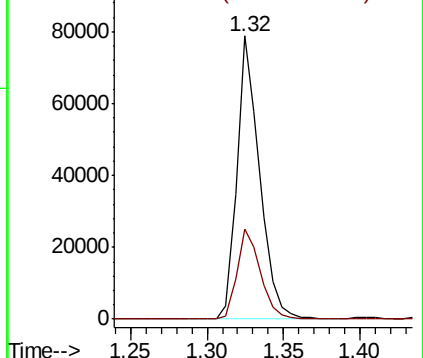
50 100

52 31.6 25.8 38.6



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.190 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX004997.D

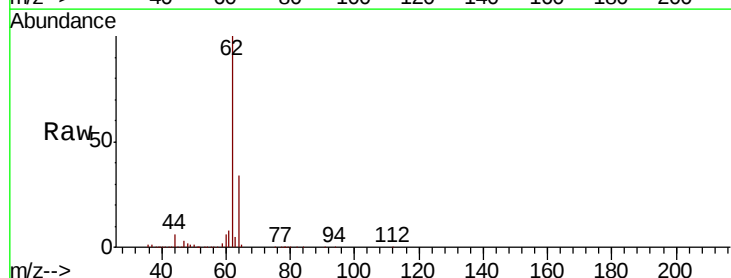
Acq: 04 Oct 2018 04:41

Tgt Ion: 62 Resp: 81299

Ion Ratio Lower Upper

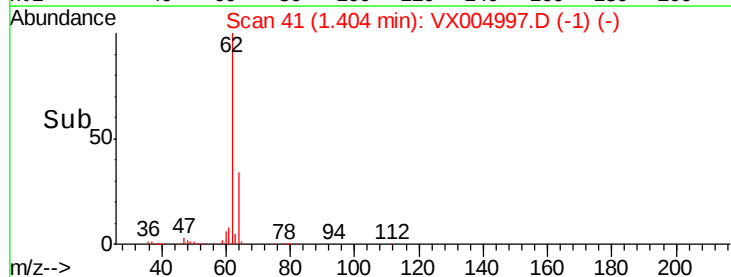
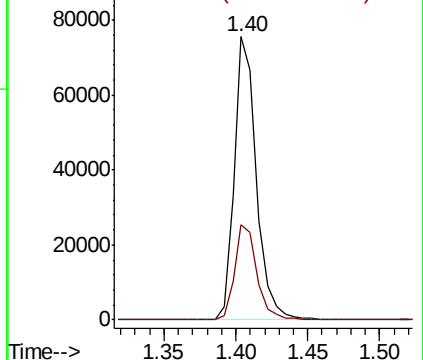
62 100

64 33.7 25.5 38.3



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 17.966 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

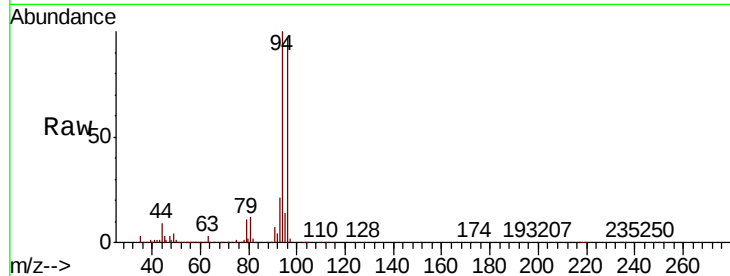
VX1004WBS02

Tot Ion: 94 Resp: 45134

Ion Ratio Lower Upper

94 100

96 96.6 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

50000

40000

30000

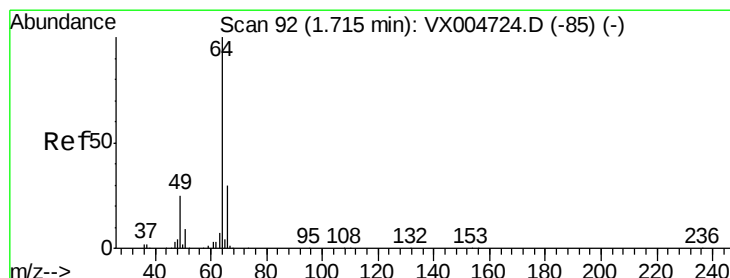
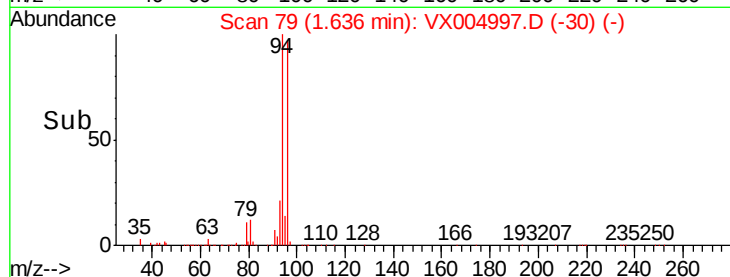
20000

10000

0

Time-->

1.60 1.70



#6

Chloroethane

Concen: 19.289 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004997.D

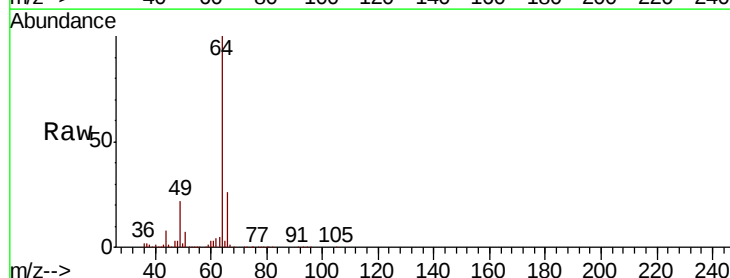
Acq: 04 Oct 2018 04:41

Tgt Ion: 64 Resp: 47835

Ion Ratio Lower Upper

64 100

66 26.2 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

40000

30000

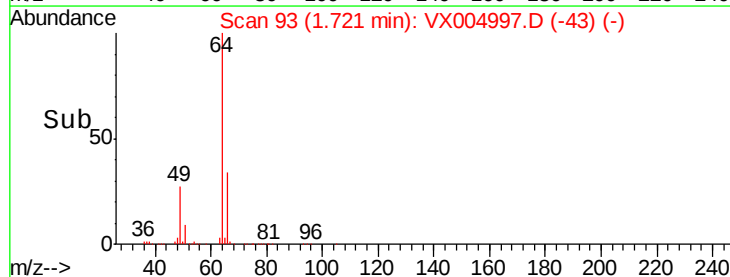
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Time-->

1.70 1.80



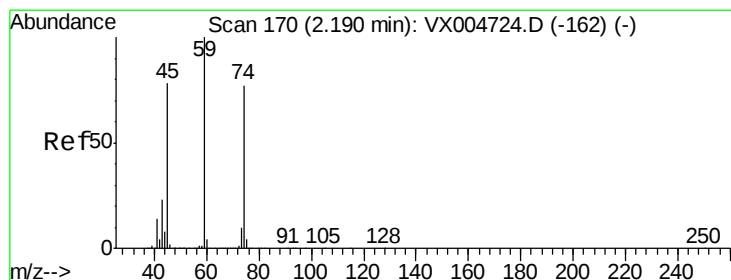
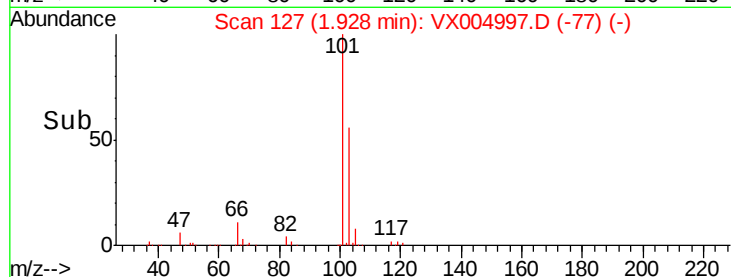
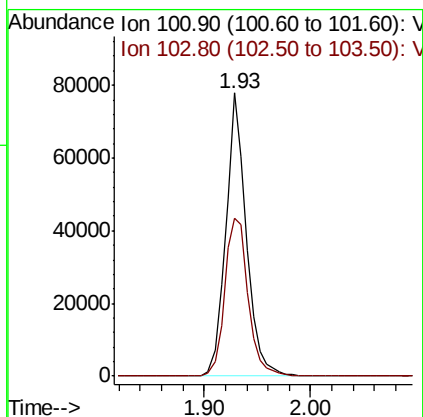
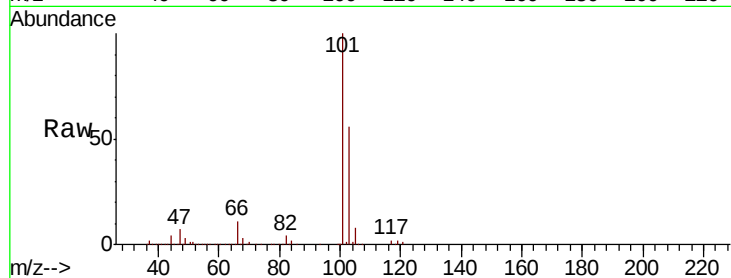


#7

Trichlorofluoromethane
Concen: 19.997 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Instrument :
MSVOA_X
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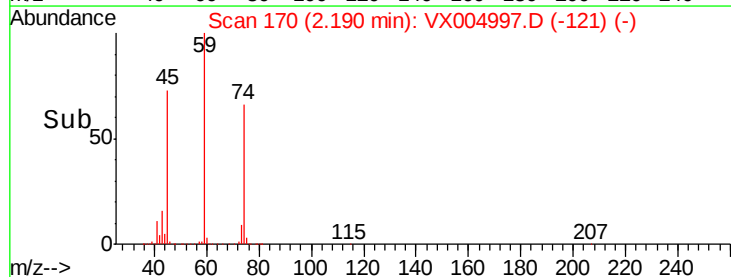
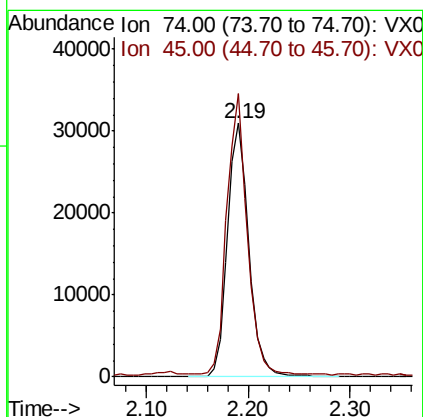
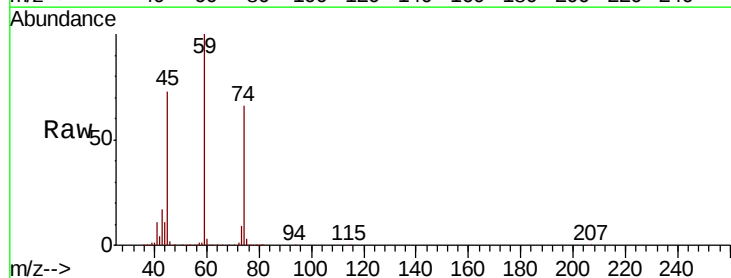
Tot Ion:101 Resp: 104880
Ion Ratio Lower Upper
101 100
103 55.9 48.4 72.6

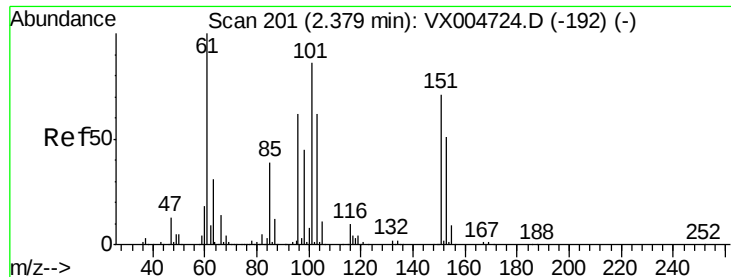


#8

Diethyl Ether
Concen: 19.620 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion: 74 Resp: 44704
Ion Ratio Lower Upper
74 100
45 104.6 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.898 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS02

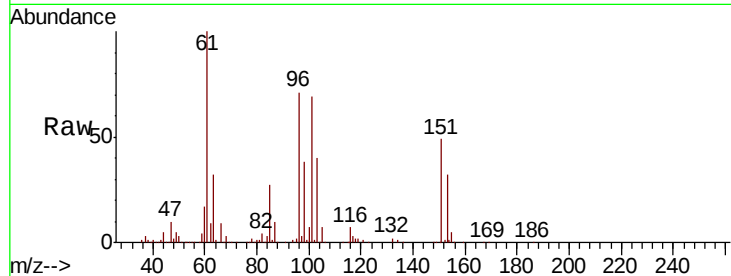
Tot Ion:101 Resp: 59445

Ion Ratio Lower Upper

101 100

85 43.0 35.9 53.9

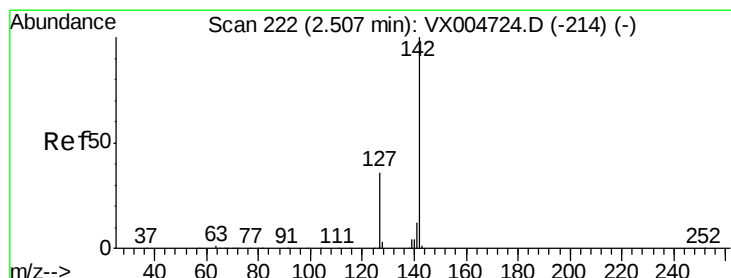
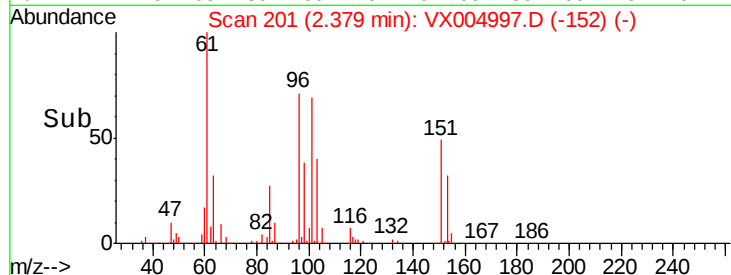
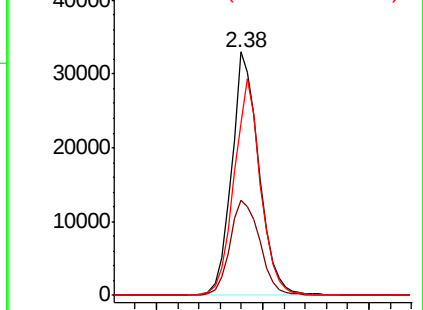
151 86.7 66.6 100.0



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: 13.747 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

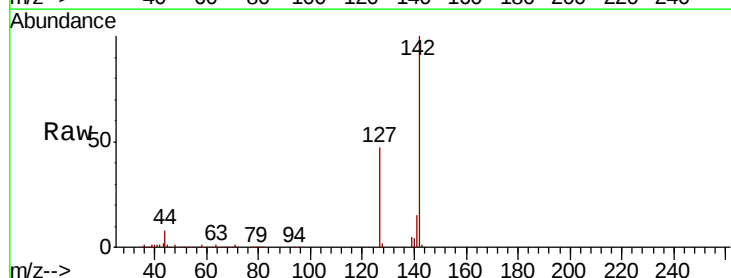
Tgt Ion:142 Resp: 54957

Ion Ratio Lower Upper

142 100

127 43.9 30.1 45.1

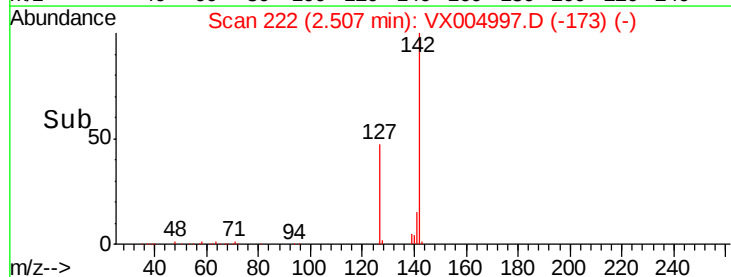
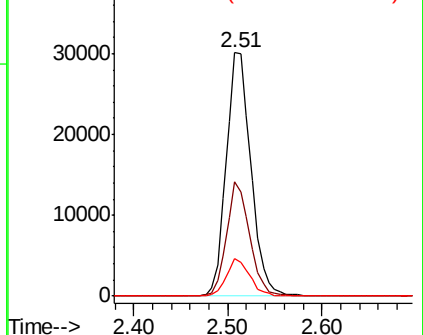
141 14.5 10.1 15.1

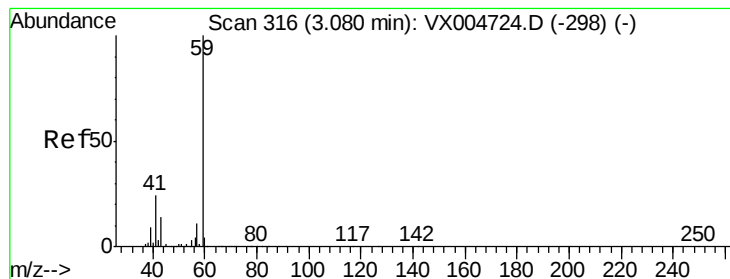


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



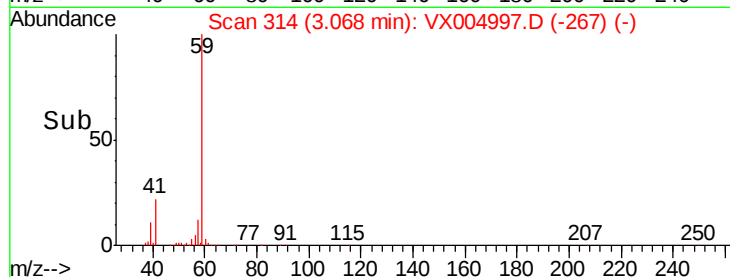
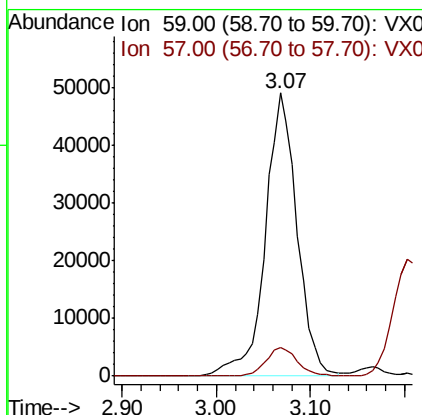
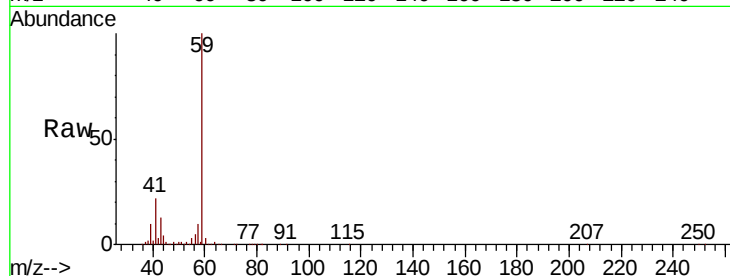


#11

Tert butyl alcohol
 Concen: 106.143 ug/l
 RT: 3.07 min Scan# 314
 Delta R.T. -0.01 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Instrument :
 MSVOA_X
 ClientSampled :
 VX1004WBS02

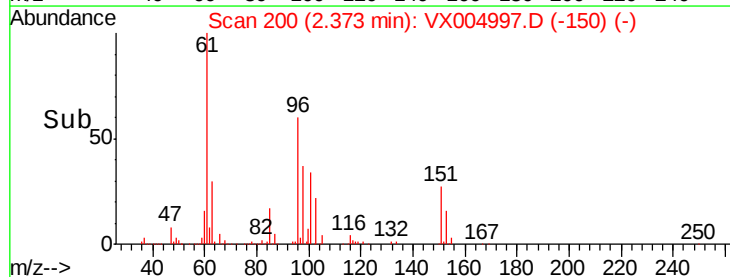
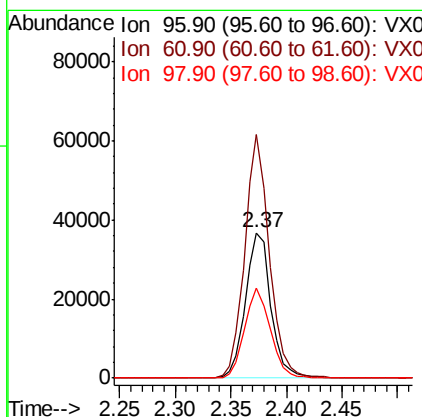
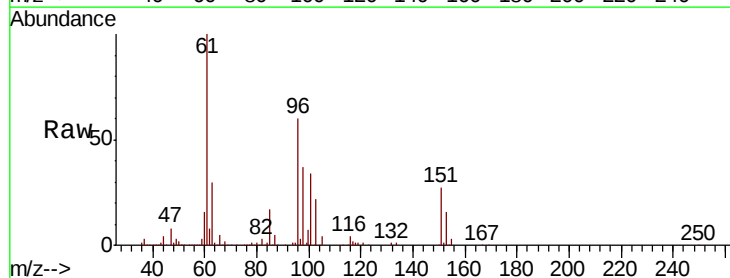
Tot Ion: 59 Resp: 115765
 Ion Ratio Lower Upper
 59 100
 57 9.9 8.6 12.8

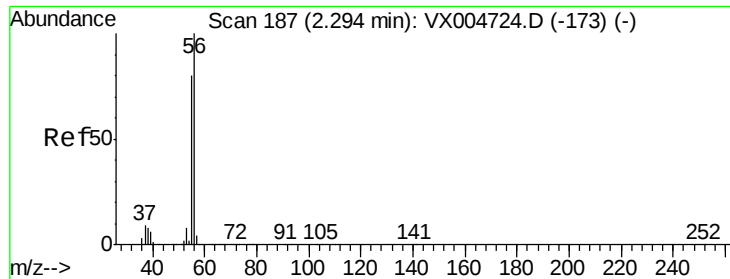


#12

1,1-Dichloroethene
 Concen: 19.700 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Tgt Ion: 96 Resp: 58286
 Ion Ratio Lower Upper
 96 100
 61 167.3 130.2 195.4
 98 61.7 53.4 80.0





#13

Acrolein

Concen: 26.986 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

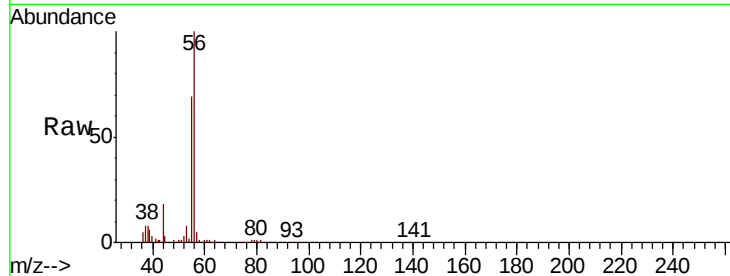
VX1004WBS02

Tot Ion: 56 Resp: 20941

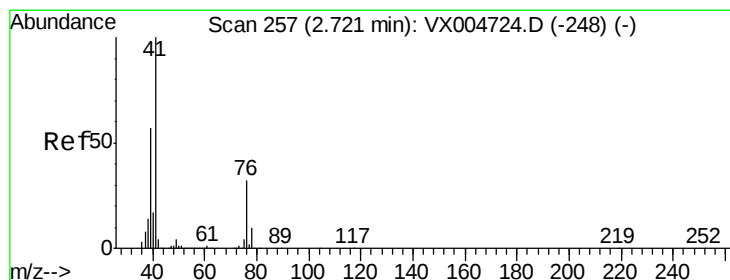
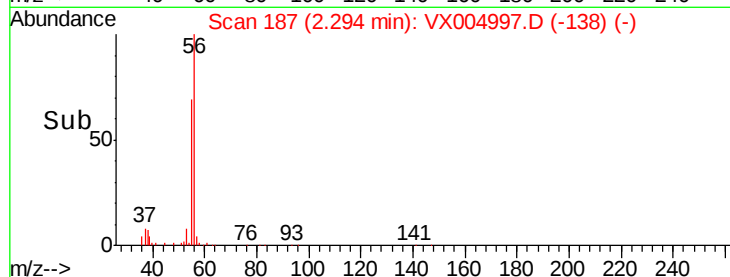
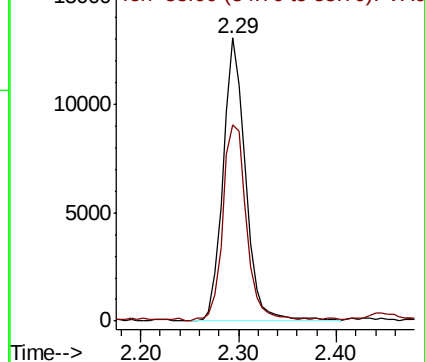
Ion Ratio Lower Upper

56 100

55 72.9 63.4 95.2



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 18.513 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

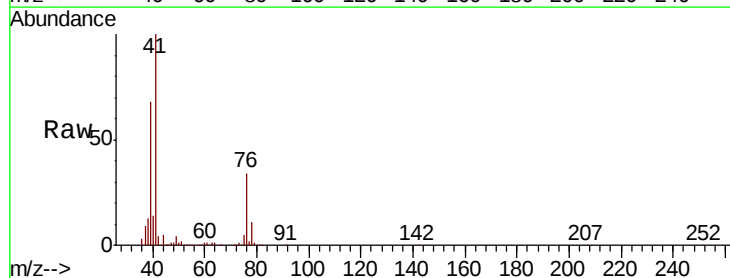
Tgt Ion: 41 Resp: 119512

Ion Ratio Lower Upper

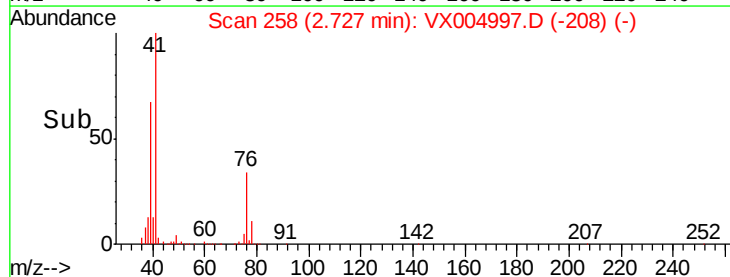
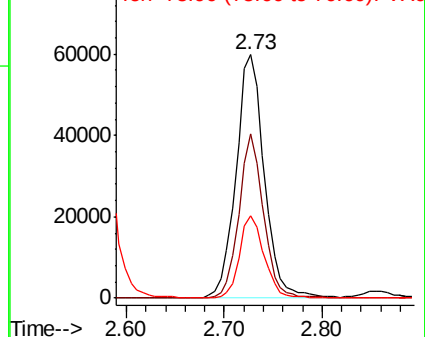
41 100

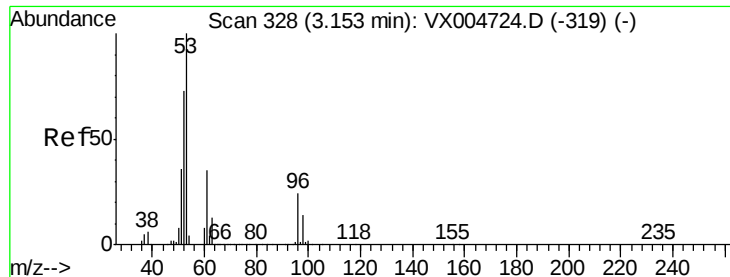
39 58.3 44.1 66.1

76 29.7 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





#15

Acrylonitrile

Concen: 98.979 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampled :

VX1004WBS02

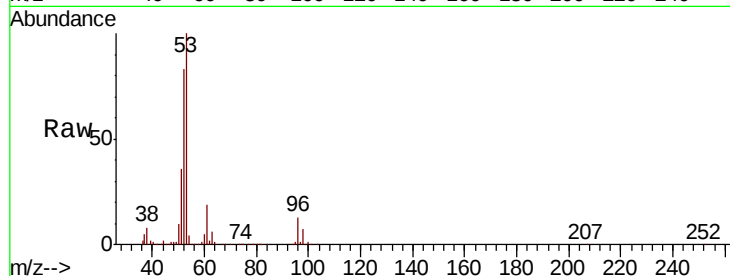
Tot Ion: 53 Resp: 237642

Ion Ratio Lower Upper

53 100

52 82.6 63.0 94.4

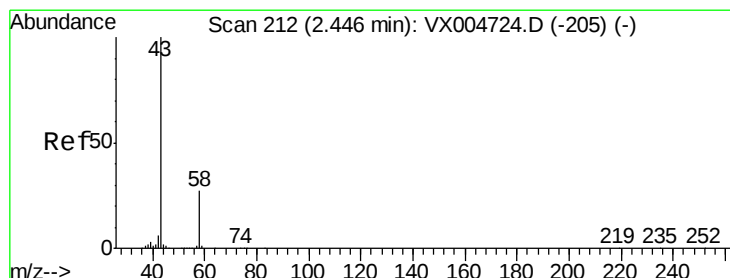
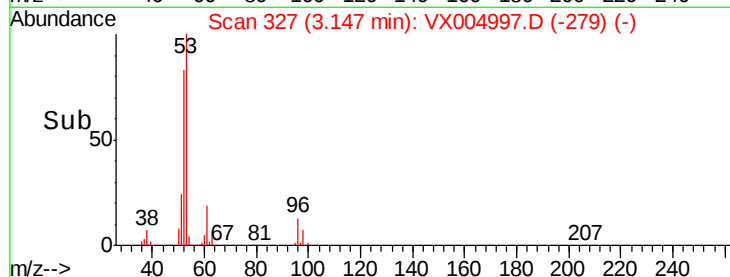
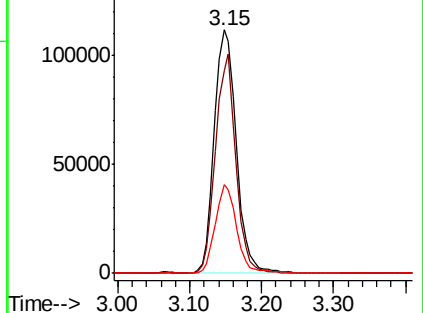
51 35.1 28.6 42.8



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: 92.194 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX004997.D

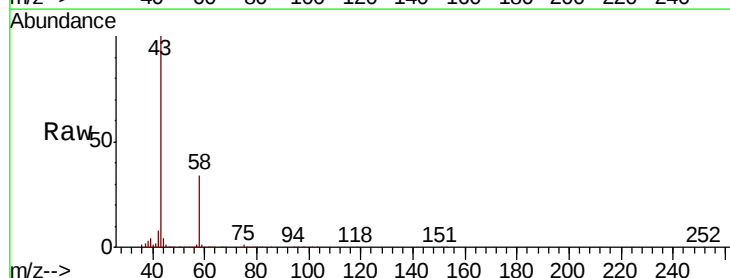
Acq: 04 Oct 2018 04:41

Tgt Ion: 43 Resp: 209949

Ion Ratio Lower Upper

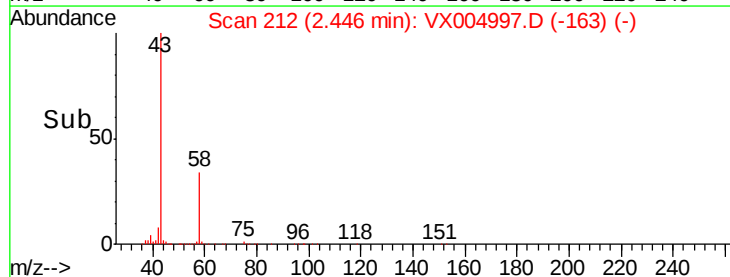
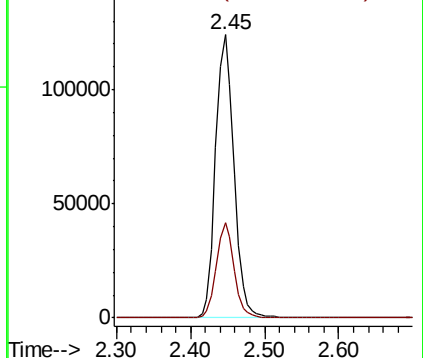
43 100

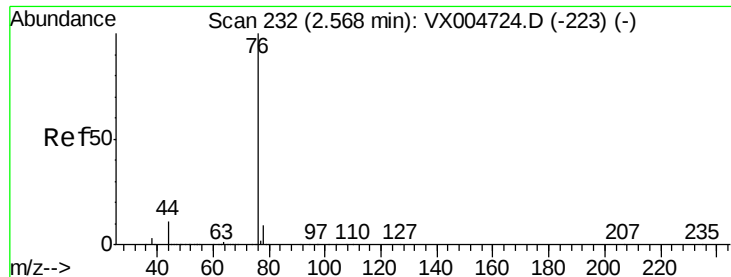
58 33.5 21.8 32.6#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

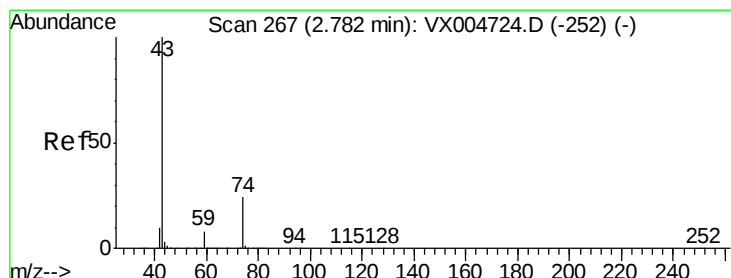
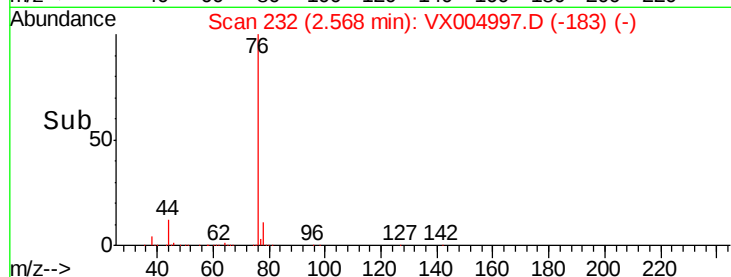
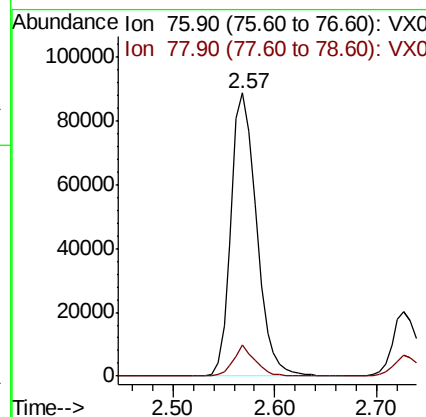
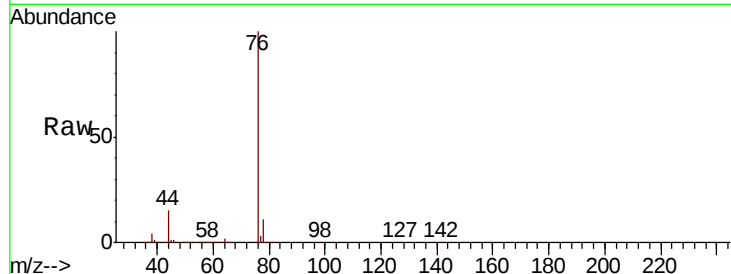




#17
Carbon Disulfide
Concen: 17.334 ug/l
RT: 2.57 min Scan# 232
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

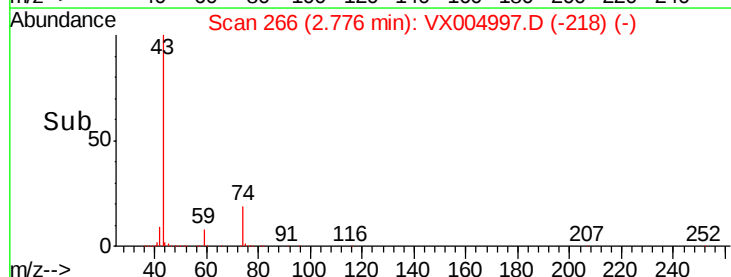
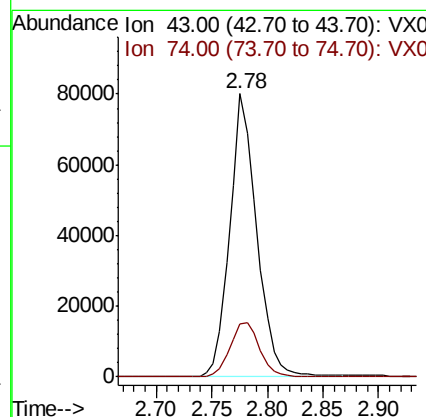
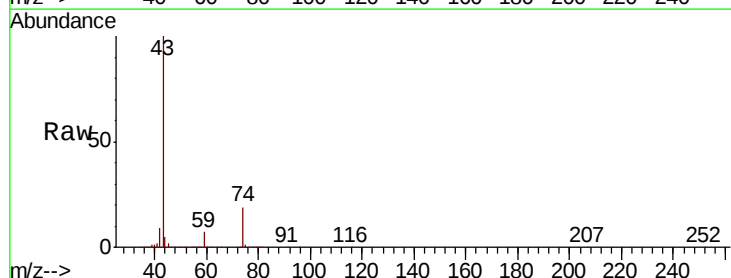
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

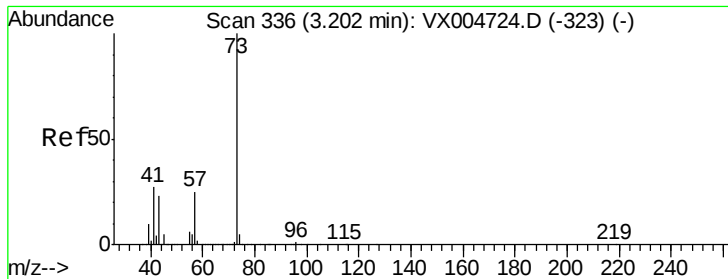
Tot Ion: 76 Resp: 154105
Ion Ratio Lower Upper
76 100
78 10.8 7.0 10.6#



#18
Methyl Acetate
Concen: 23.048 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.01 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion: 43 Resp: 132978
Ion Ratio Lower Upper
43 100
74 21.4 17.8 26.8



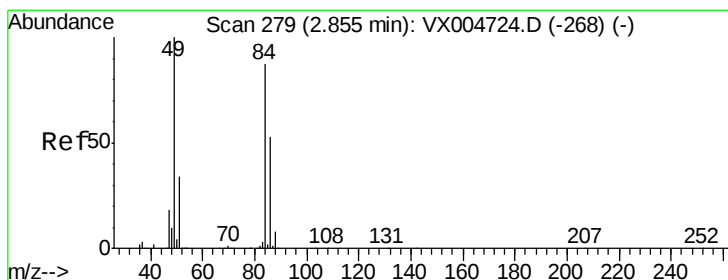
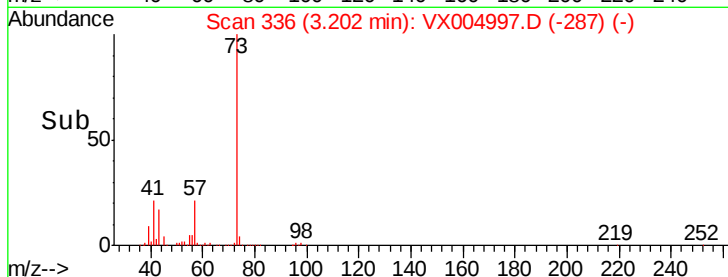
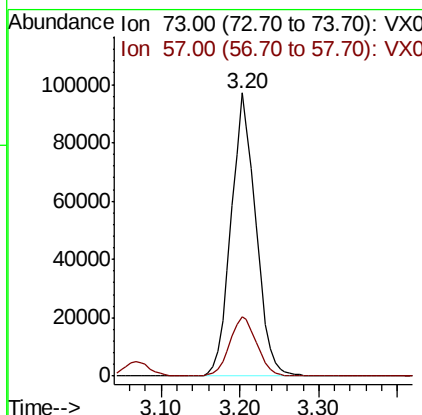
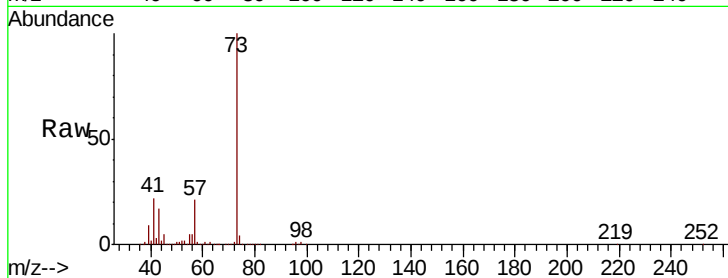


#19

Methyl tert-butyl Ether
 Concen: 20.814 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Instrument :
 MSVOA_X
 ClientSampleID :
 VX1004WBS02

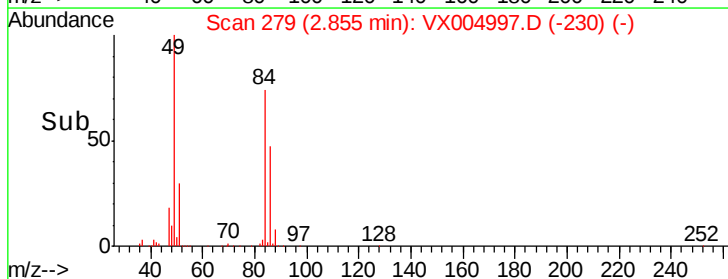
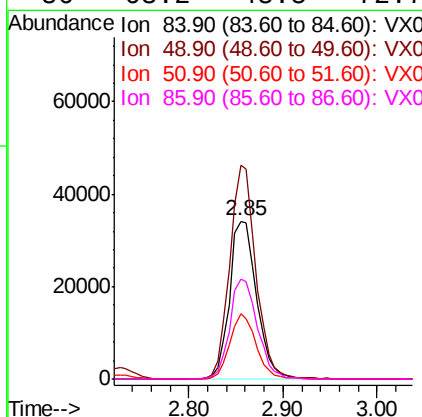
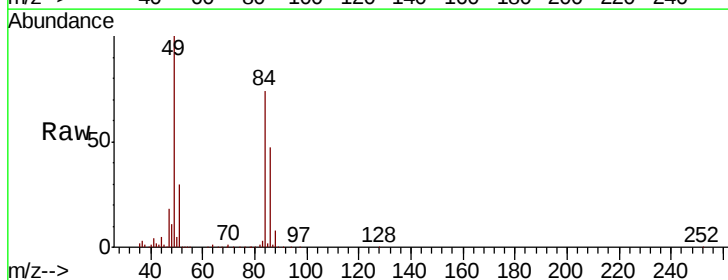
Tot Ion: 73 Resp: 212411
 Ion Ratio Lower Upper
 73 100
 57 20.8 19.9 29.9

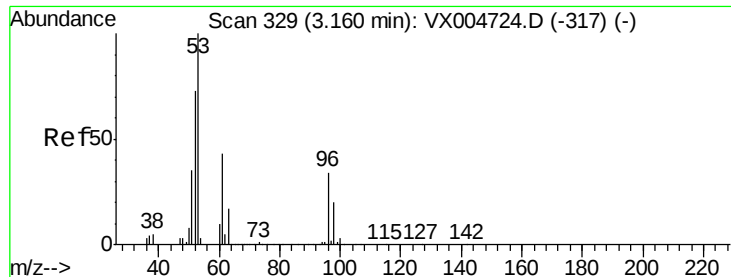


#20

Methylene Chloride
 Concen: 20.121 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Tgt Ion: 84 Resp: 68282
 Ion Ratio Lower Upper
 84 100
 49 135.2 92.3 138.5
 51 40.7 31.8 47.6
 86 63.2 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 18.577 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS02

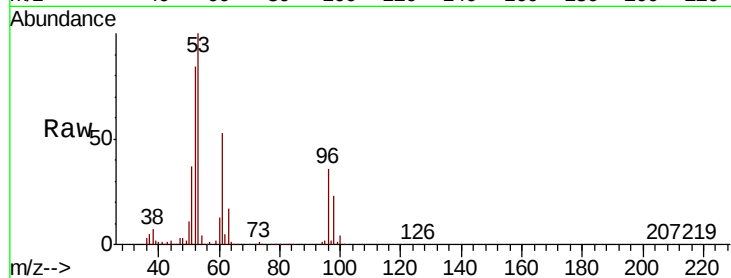
Tot Ion: 96 Resp: 60167

Ion Ratio Lower Upper

96 100

61 147.3 101.0 151.6

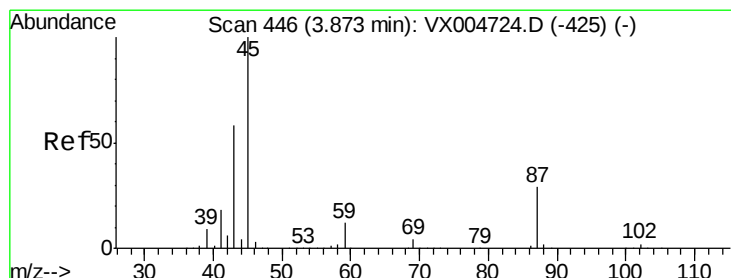
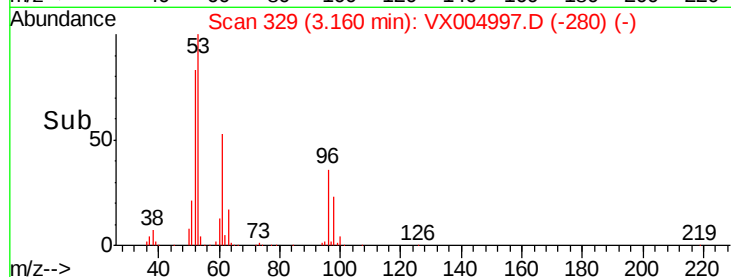
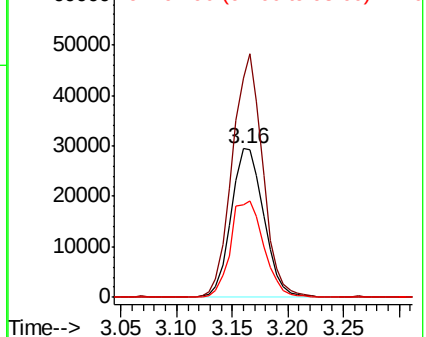
98 62.6 47.2 70.8



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: 20.310 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.01 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Tgt Ion: 45 Resp: 220783

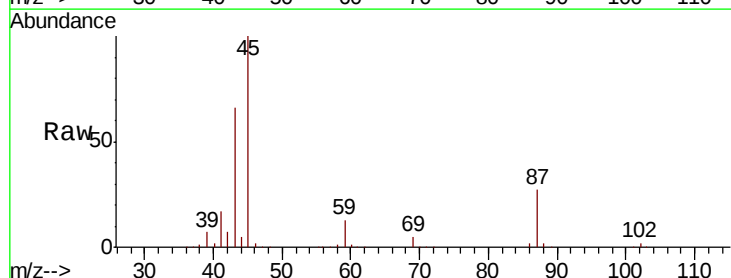
Ion Ratio Lower Upper

45 100

43 65.6 46.7 70.1

87 26.8 22.9 34.3

59 12.8 9.3 13.9

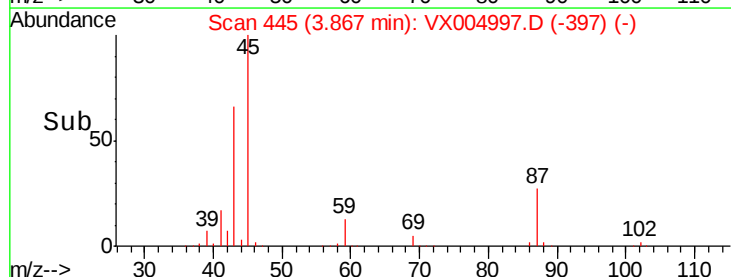
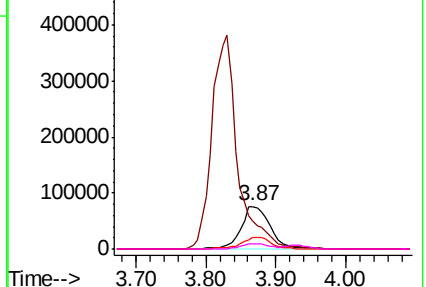


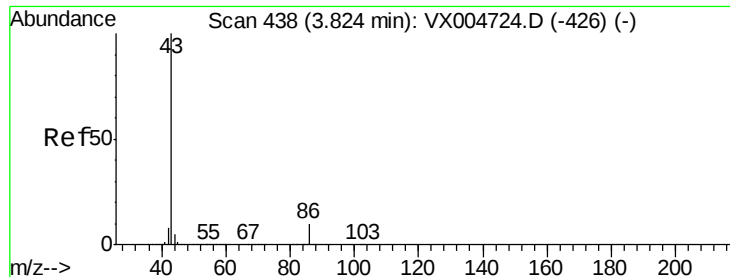
Abundance Ion 45.00 (44.70 to 45.70): VX0

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

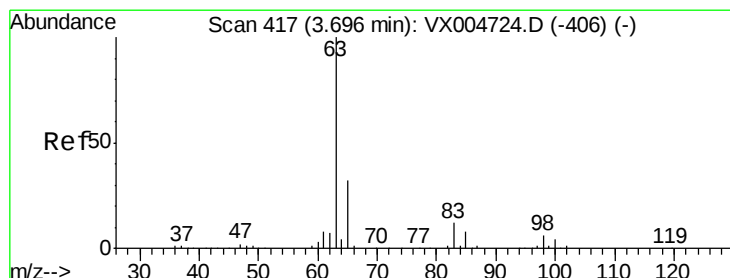
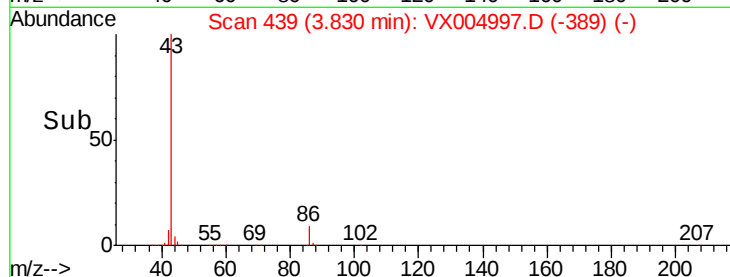
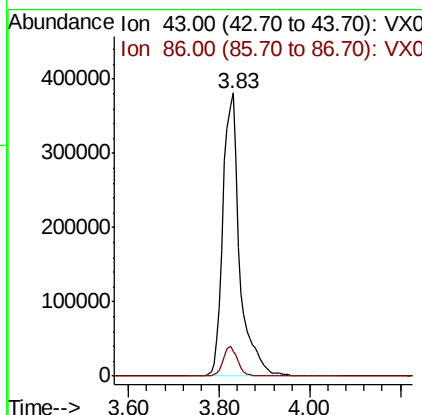
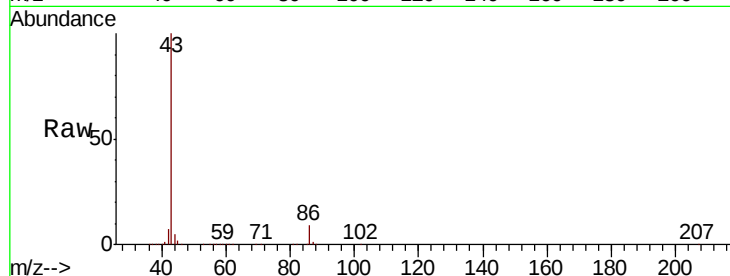




#23
 Vinyl Acetate
 Concen: 98.520 ug/l
 RT: 3.83 min Scan# 439
 Delta R.T. 0.01 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

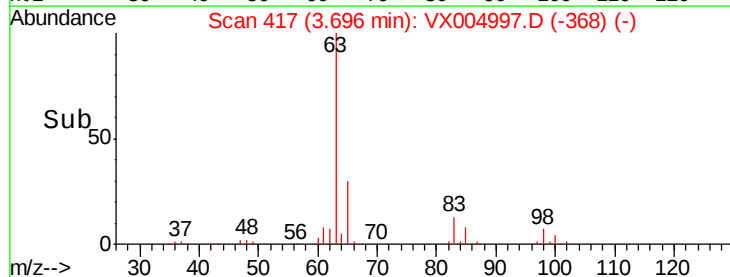
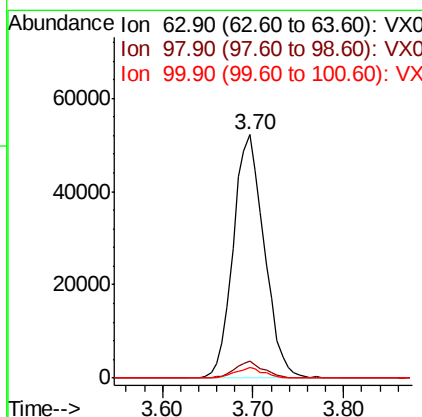
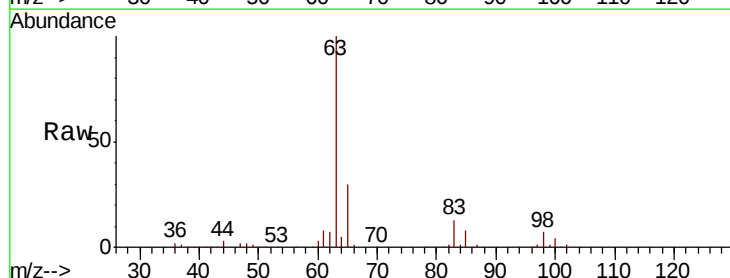
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS02

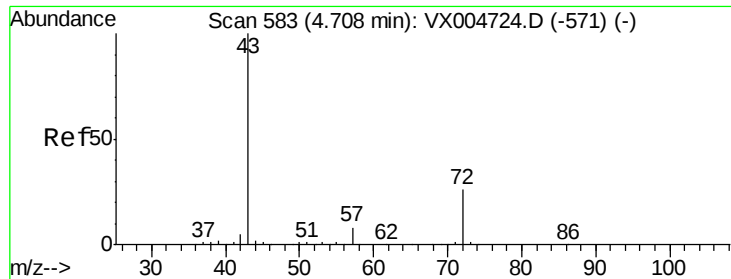
Tot Ion: 43 Resp: 980318
 Ion Ratio Lower Upper
 43 100
 86 8.9 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 19.094 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Tgt Ion: 63 Resp: 123811
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.0 9.2
 100 4.3 2.0 5.8





#25

2-Butanone

Concen: 100.886 ug/l

RT: 4.70 min Scan# 581

Delta R.T. -0.01 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampled :

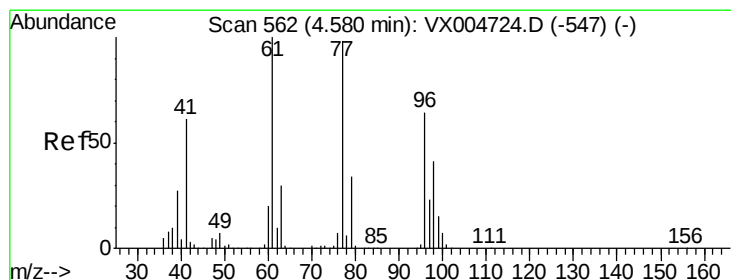
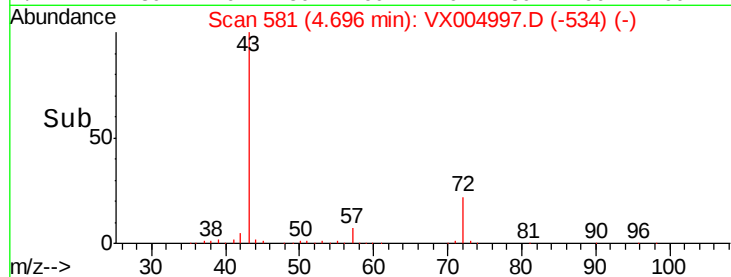
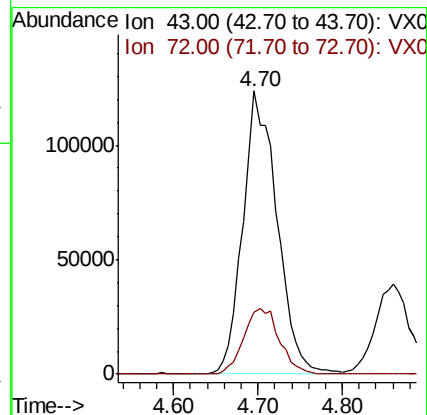
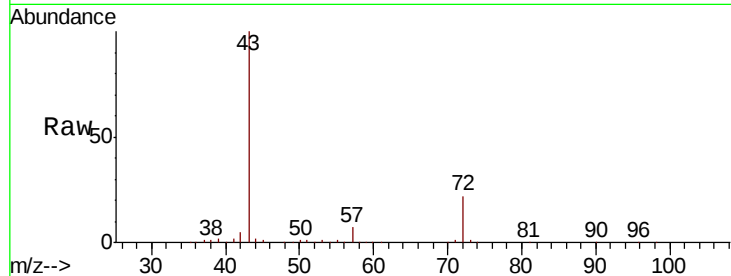
VX1004WBS02

Tot Ion: 43 Resp: 338646

Ion Ratio Lower Upper

43 100

72 21.8 20.8 31.2



#26

2,2-Dichloropropane

Concen: 12.675 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX004997.D

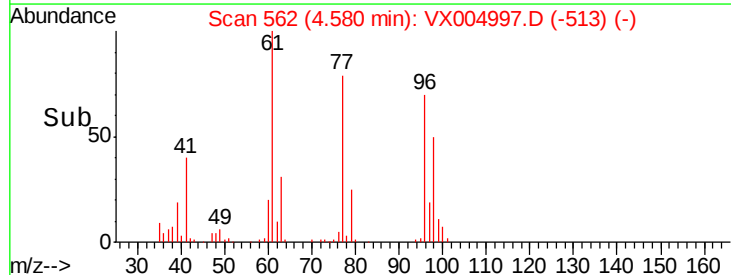
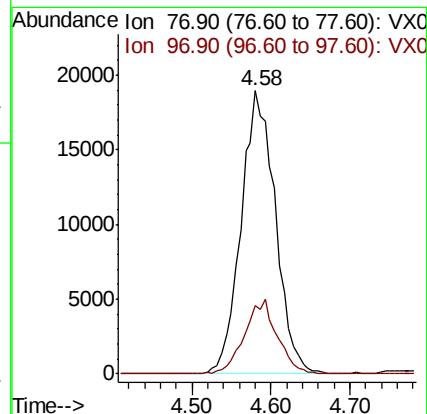
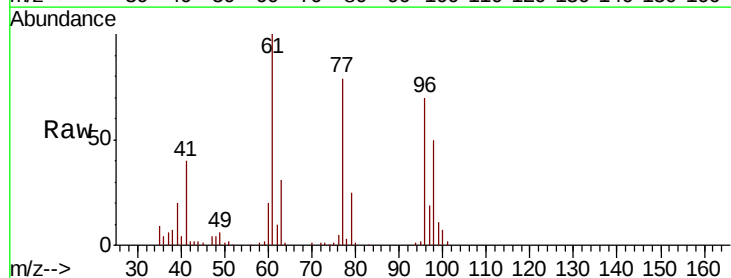
Acq: 04 Oct 2018 04:41

Tgt Ion: 77 Resp: 57235

Ion Ratio Lower Upper

77 100

97 25.0 12.6 37.8



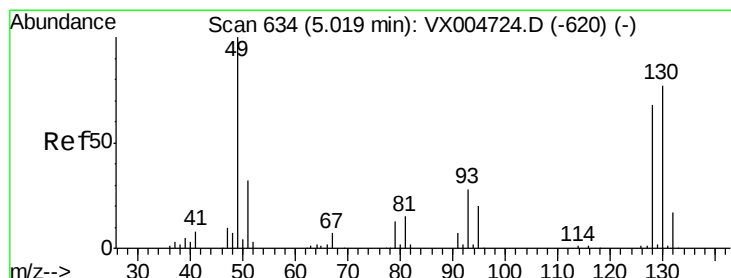
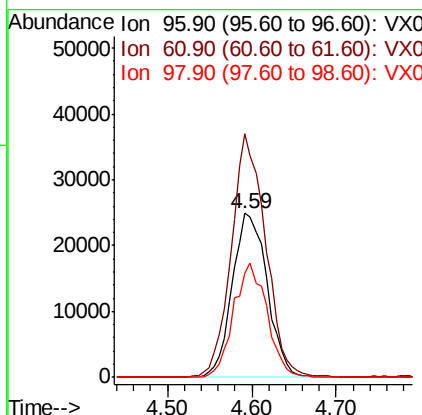
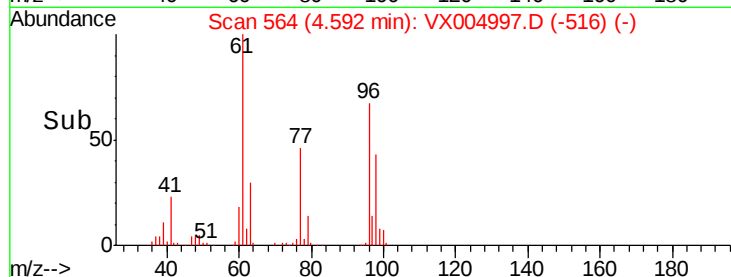
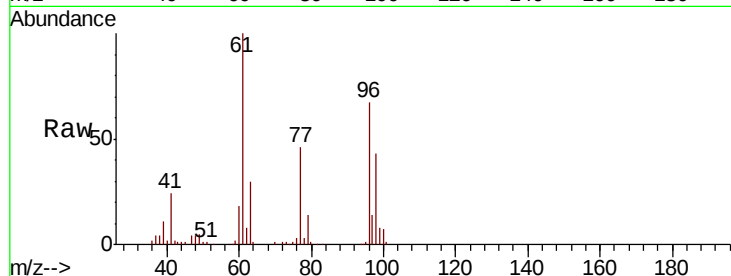


#27

cis-1,2-Dichloroethene
 Concen: 19.383 ug/l
 RT: 4.59 min Scan# 564
 Delta R.T. -0.01 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS02

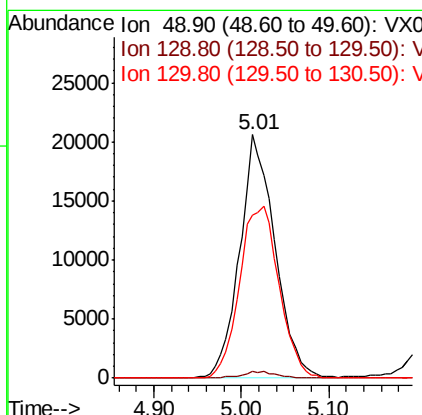
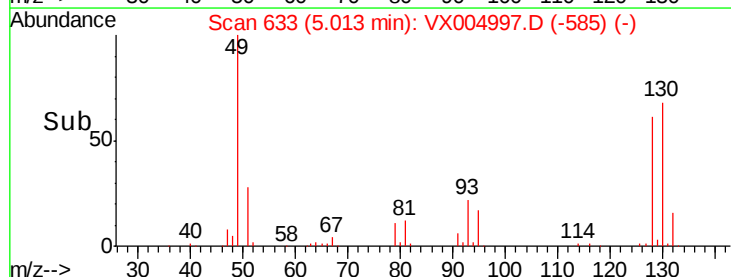
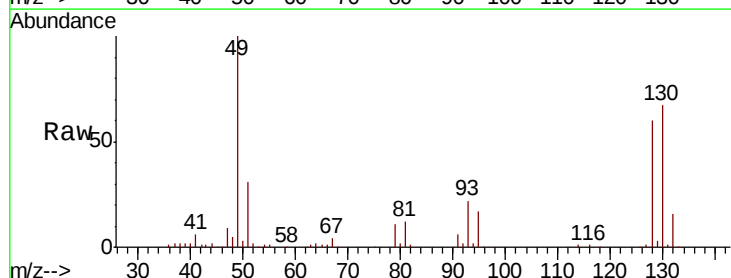
Tot Ion: 96 Resp: 70131
 Ion Ratio Lower Upper
 96 100
 61 144.3 0.0 285.8
 98 66.4 0.0 136.2

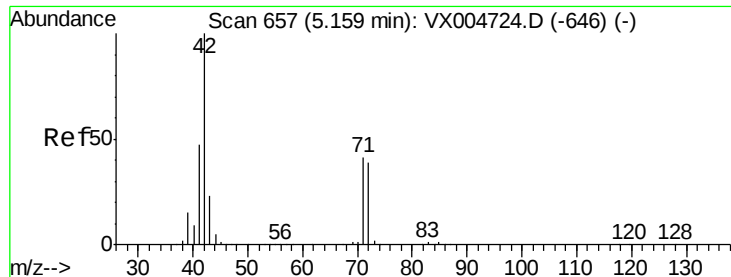


#28

Bromochloromethane
 Concen: 19.008 ug/l
 RT: 5.01 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Tgt Ion: 49 Resp: 58041
 Ion Ratio Lower Upper
 49 100
 129 2.3 0.0 4.2
 130 78.7 62.0 93.0

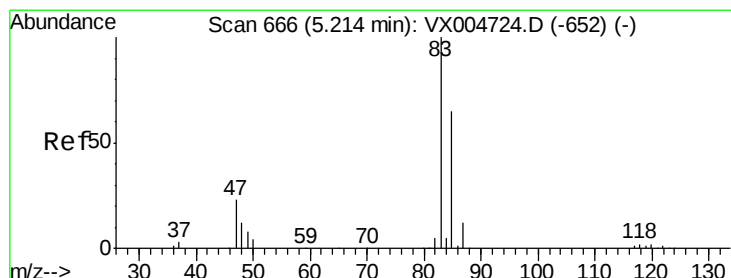
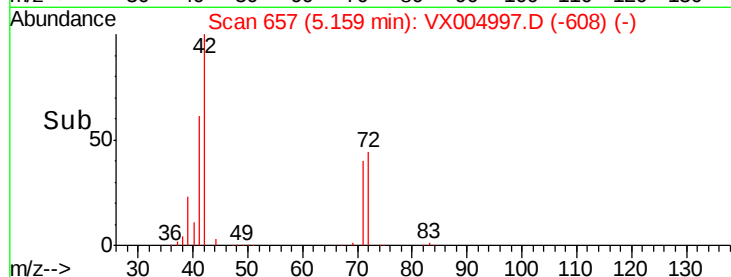
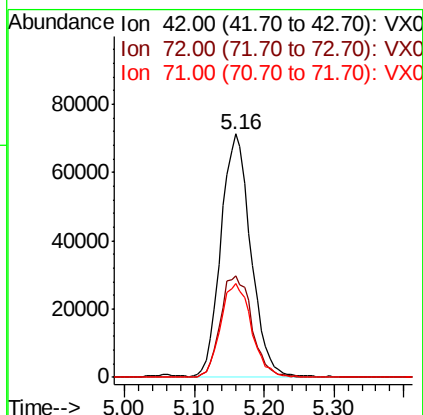
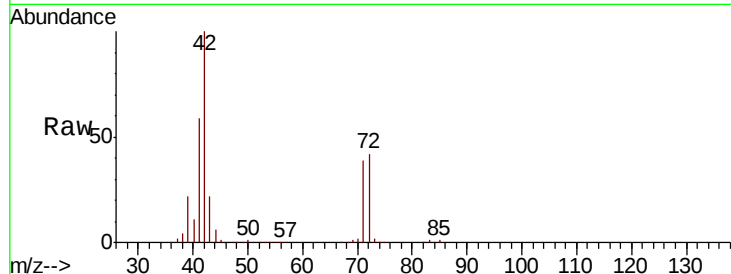




#29
Tetrahydrofuran
Concen: 101.051 ug/l
RT: 5.16 min Scan# 657
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

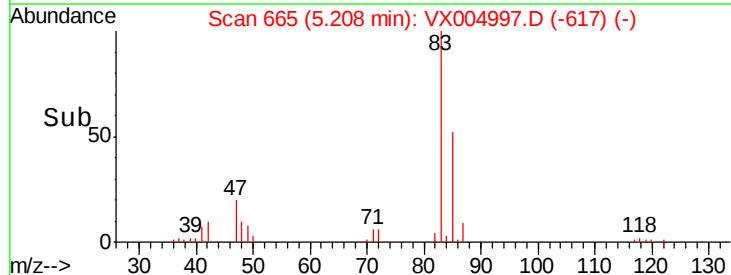
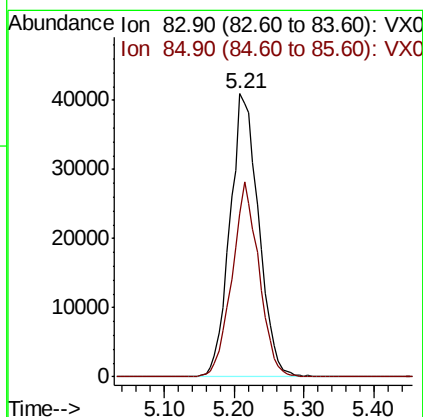
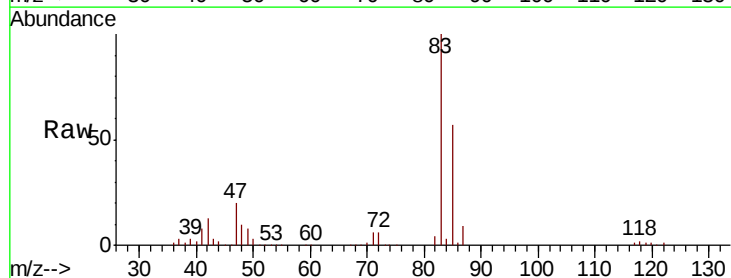
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

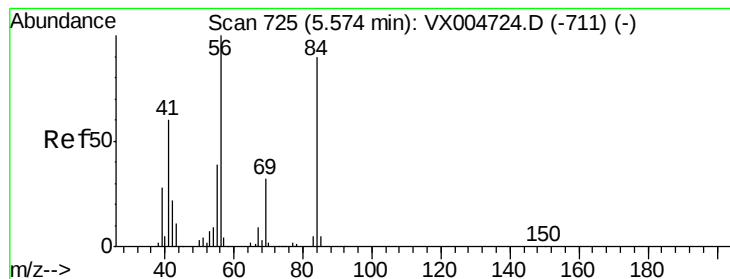
Tot Ion: 42 Resp: 210826
Ion Ratio Lower Upper
42 100
72 44.3 33.7 50.5
71 39.8 32.2 48.4



#30
Chloroform
Concen: 19.033 ug/l
RT: 5.21 min Scan# 665
Delta R.T. -0.01 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion: 83 Resp: 116640
Ion Ratio Lower Upper
83 100
85 57.5 52.4 78.6





#31

Cyclohexane

Concen: 20.237 ug/l

RT: 5.57 min Scan# 725

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS02

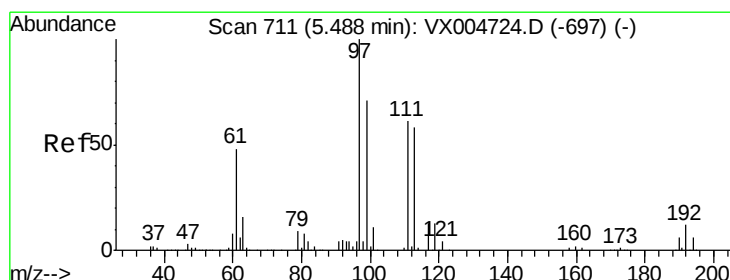
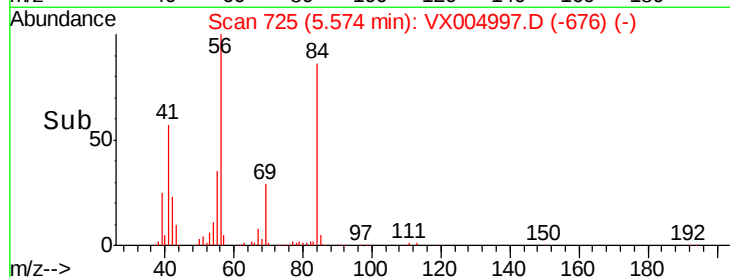
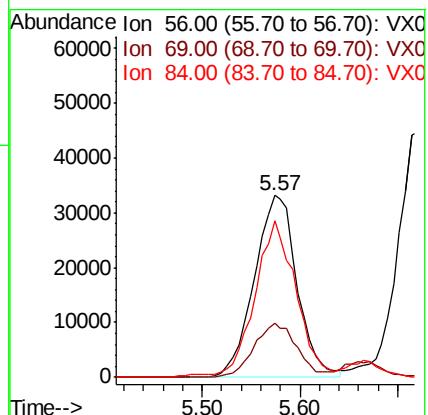
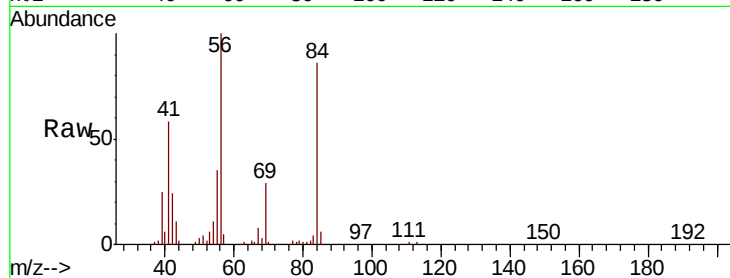
Tot Ion: 56 Resp: 100437

Ion Ratio Lower Upper

56 100

69 29.5 25.9 38.9

84 84.6 71.9 107.9



#32

1,1,1-Trichloroethane

Concen: 19.687 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

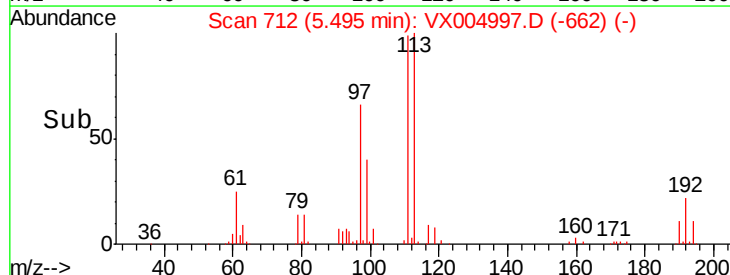
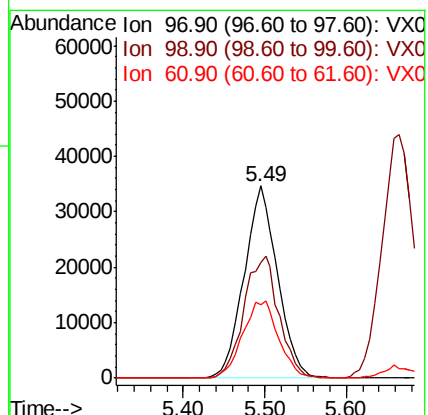
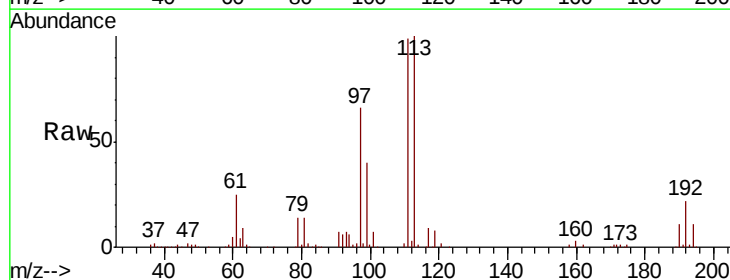
Tgt Ion: 97 Resp: 98531

Ion Ratio Lower Upper

97 100

99 66.6 54.6 82.0

61 43.7 37.5 56.3

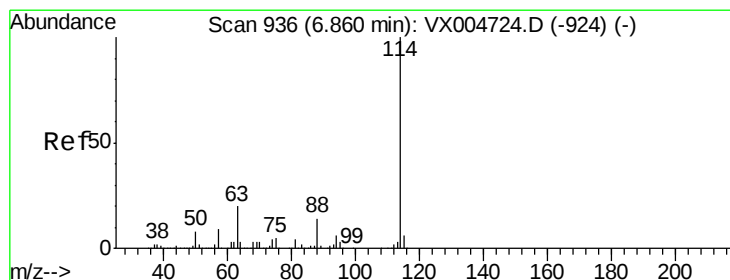
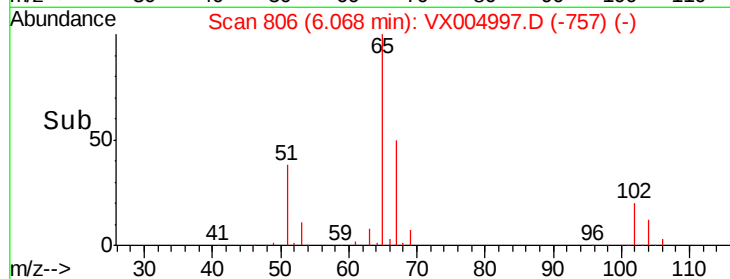
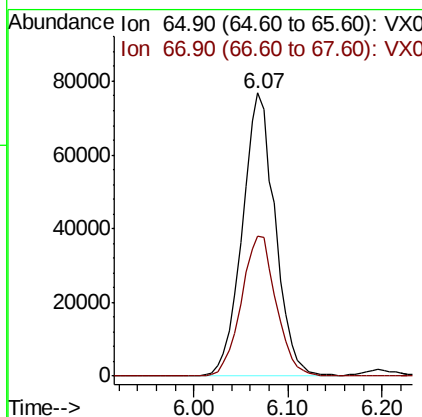
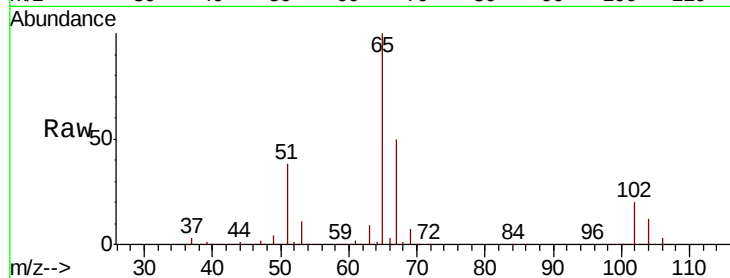




#33
 1,2-Dichloroethane-d4
 Concen: 48.008 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

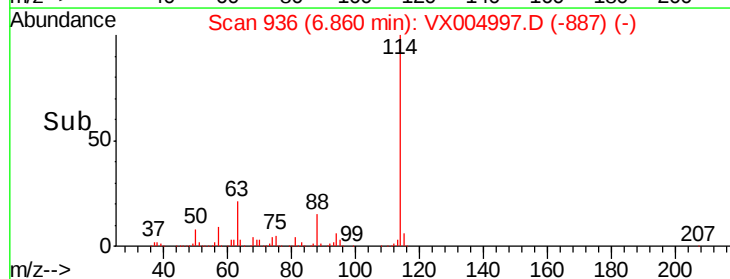
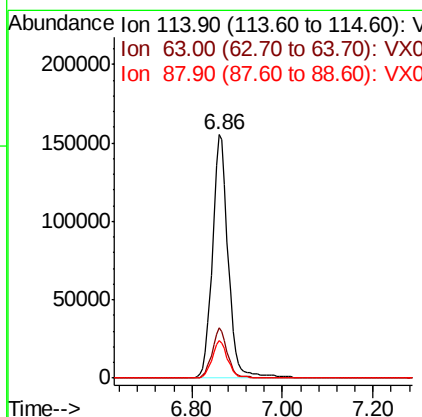
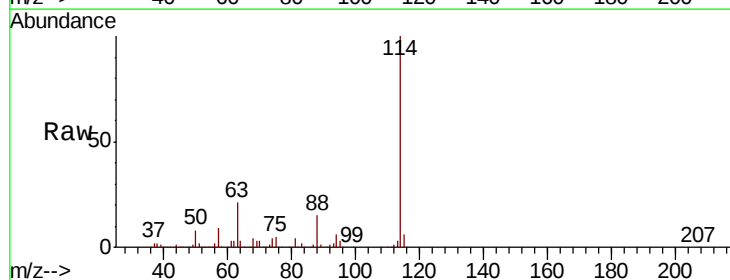
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS02

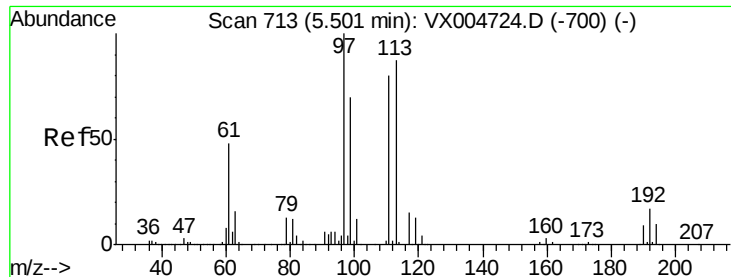
Tot Ion: 65 Resp: 187261
 Ion Ratio Lower Upper
 65 100
 67 52.6 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Tgt Ion: 114 Resp: 380166
 Ion Ratio Lower Upper
 114 100
 63 20.7 0.0 39.8
 88 15.4 0.0 27.0

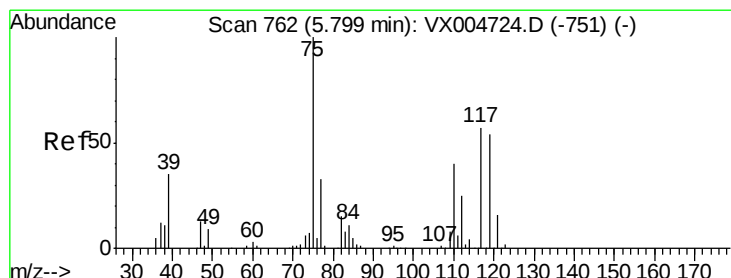
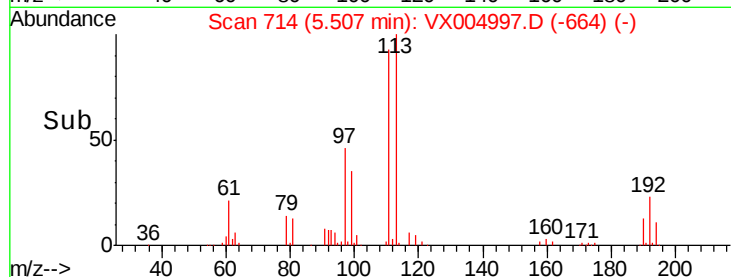
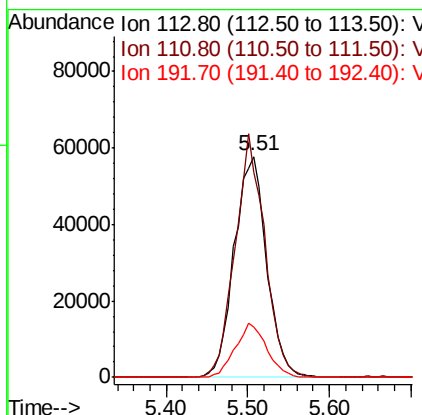
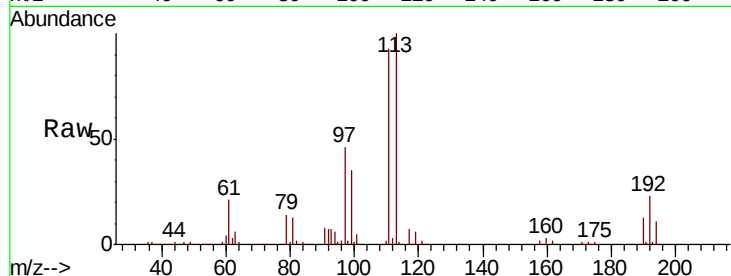




#35
 Dibromofluoromethane
 Concen: 49.206 ug/l
 RT: 5.51 min Scan# 714
 Delta R.T. 0.01 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

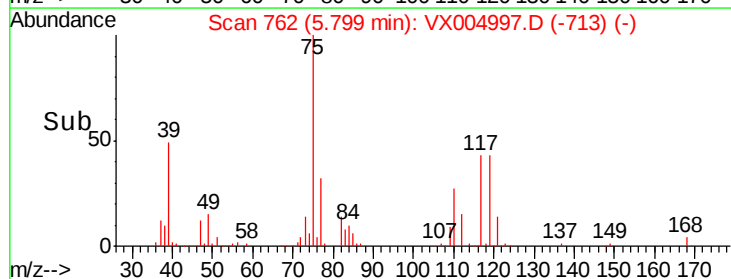
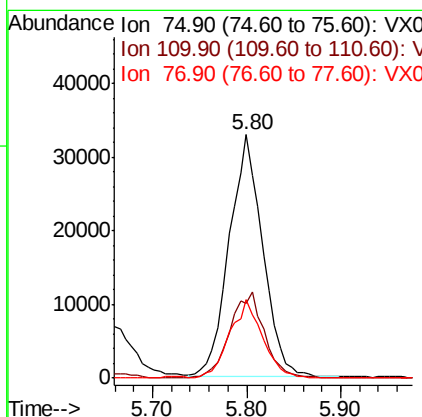
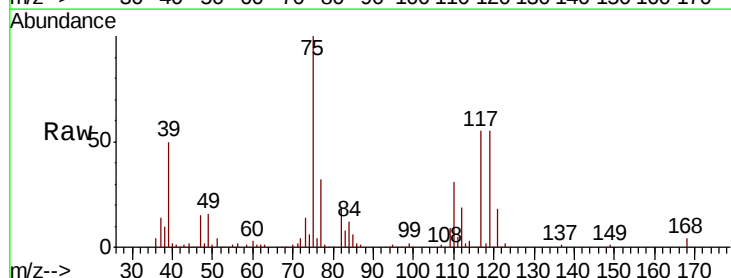
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS02

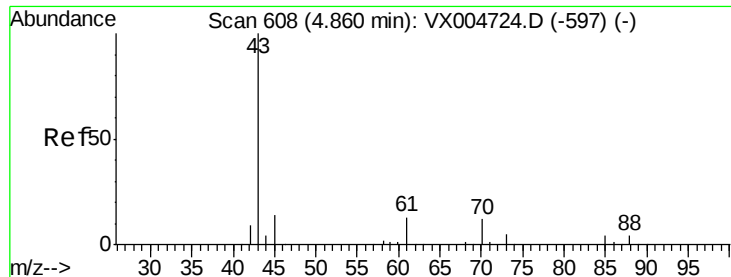
Tot Ion:113 Resp: 158540
 Ion Ratio Lower Upper
 113 100
 111 101.4 77.0 115.4
 192 23.8 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 18.567 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Tgt Ion: 75 Resp: 81621
 Ion Ratio Lower Upper
 75 100
 110 36.5 20.0 59.9
 77 31.5 27.1 40.7

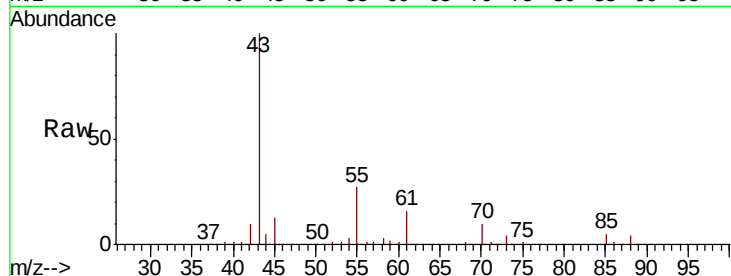




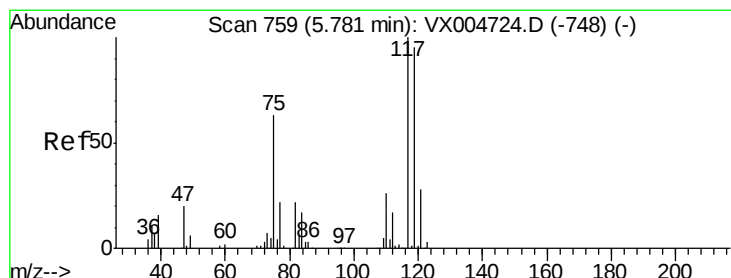
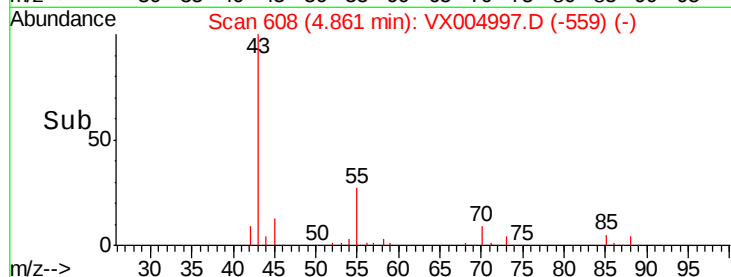
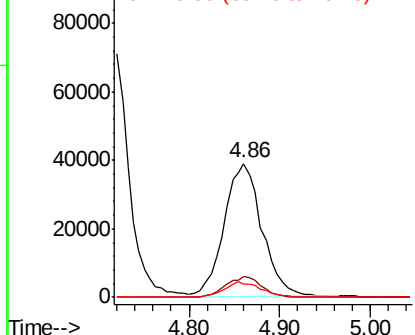
#37
Ethyl Acetate
Concen: 19.220 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

Tot Ion: 43 Resp: 112150
Ion Ratio Lower Upper
43 100
61 14.4 10.4 15.6
70 11.3 8.7 13.1

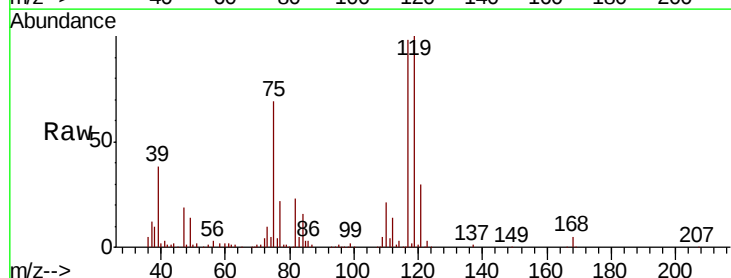


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

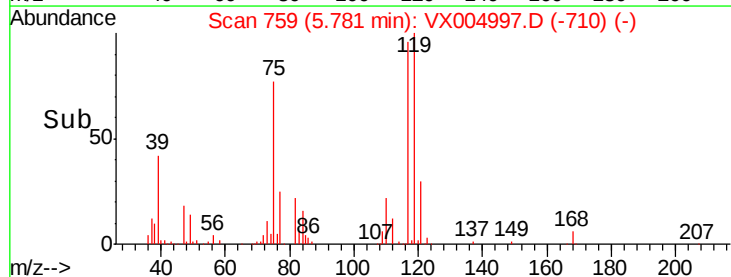
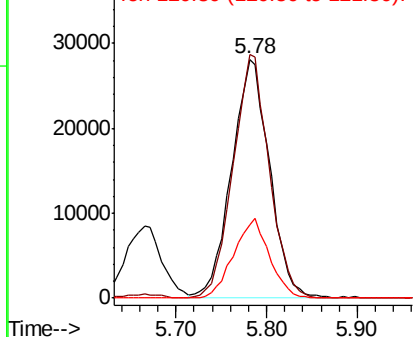


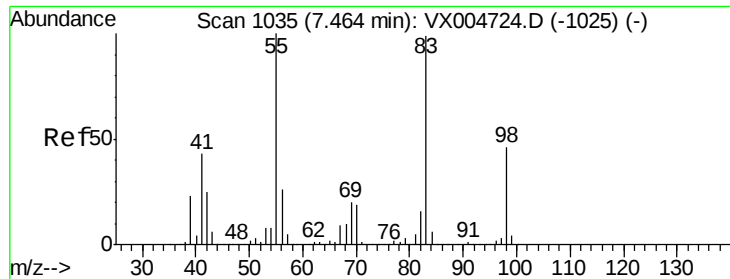
#38
Carbon Tetrachloride
Concen: 17.574 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion: 117 Resp: 81207
Ion Ratio Lower Upper
117 100
119 101.9 75.2 112.8
121 30.8 22.5 33.7



Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

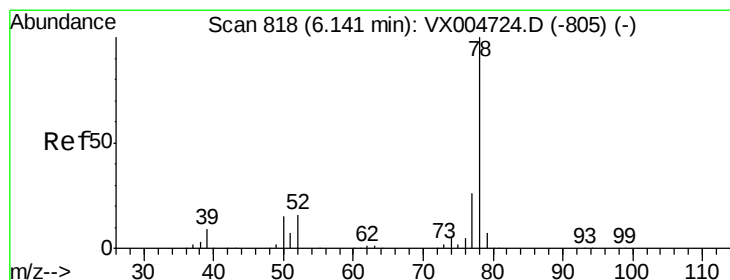
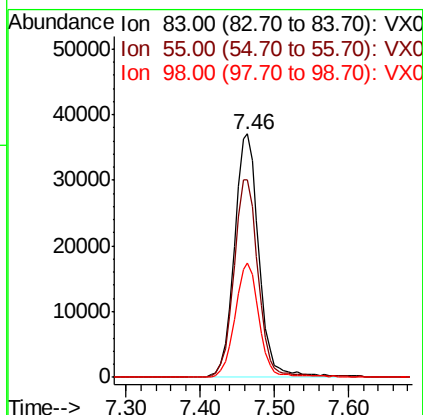
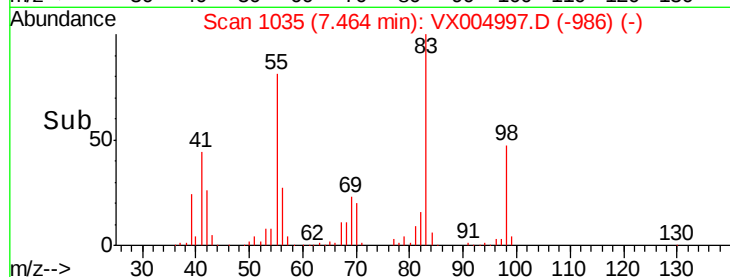
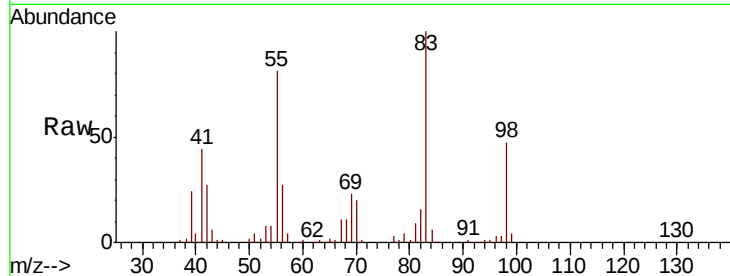




#39
Methvlcvclohexane
Concen: 19.016 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

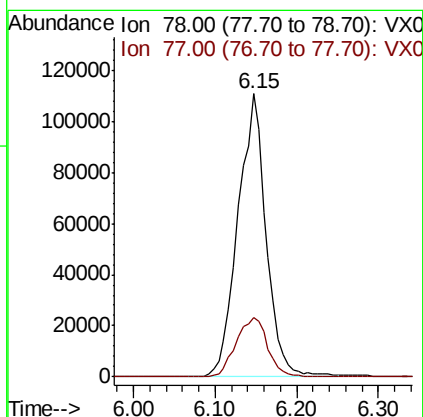
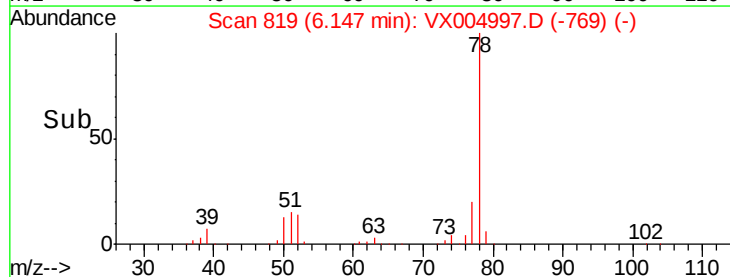
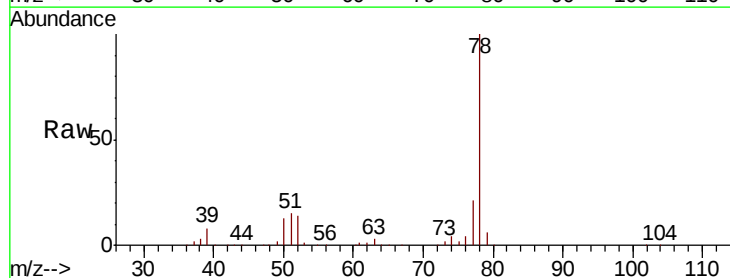
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

Tot Ion: 83 Resp: 85356
Ion Ratio Lower Upper
83 100
55 81.2 81.1 121.7
98 47.2 37.3 55.9



#40
Benzene
Concen: 19.249 ug/l
RT: 6.15 min Scan# 819
Delta R.T. 0.01 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion: 78 Resp: 264911
Ion Ratio Lower Upper
78 100
77 21.0 21.0 31.4

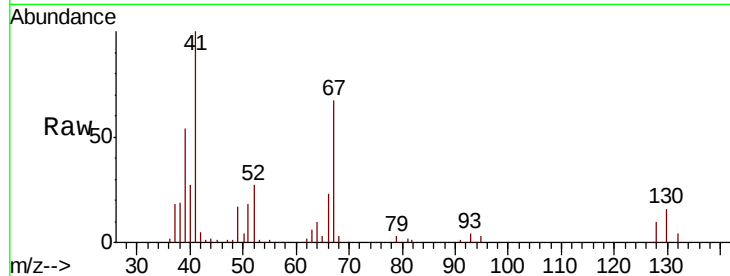




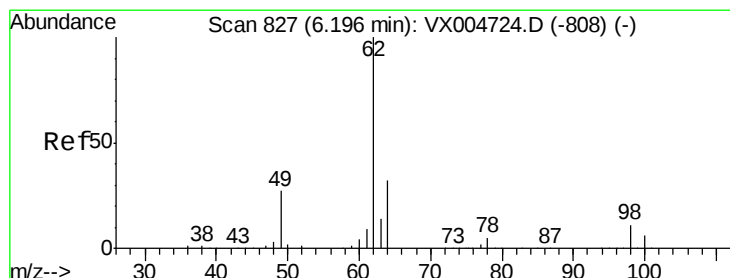
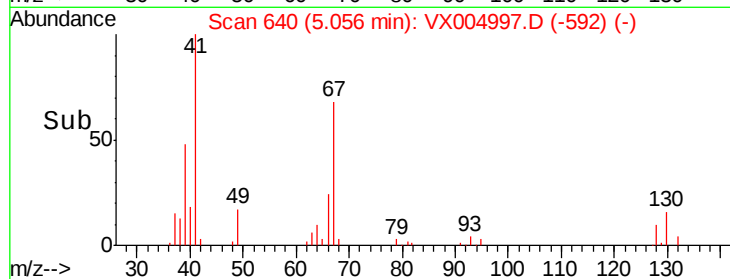
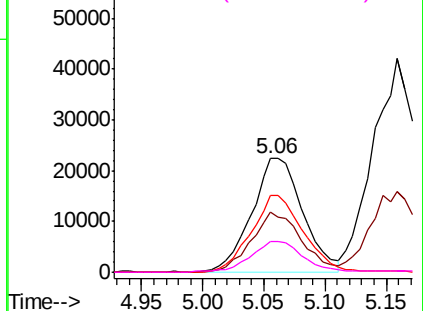
#41
Methacrylonitrile
Concen: 20.102 ug/l
RT: 5.06 min Scan# 640
Delta R.T. -0.01 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

Tot Ion:	41	Resp:	65052
Ion	Ratio	Lower	Upper
41	100		
39	52.5	42.5	63.7
67	68.7	53.0	79.6
52	26.8	19.8	29.8

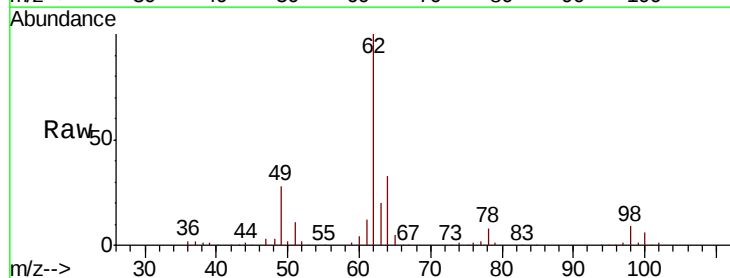


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

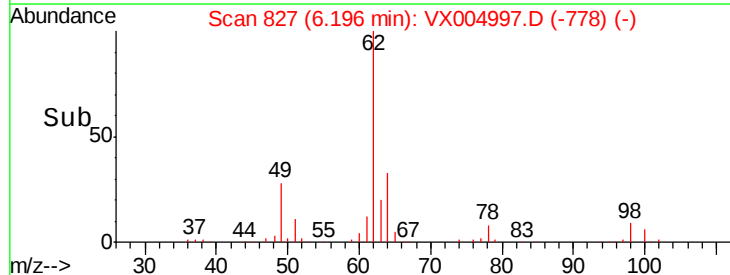
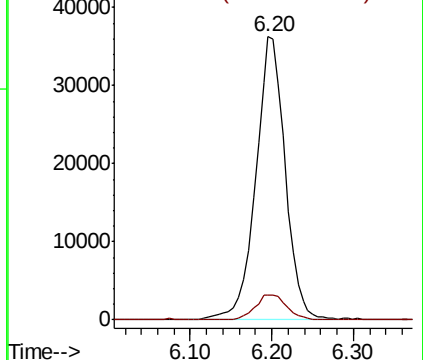


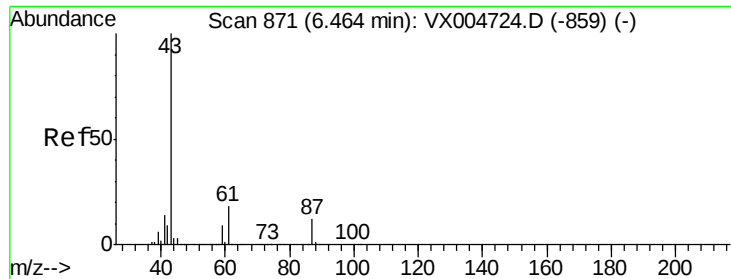
#42
1,2-Dichloroethane
Concen: 18.626 ug/l
RT: 6.20 min Scan# 827
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion:	62	Resp:	90620
Ion	Ratio	Lower	Upper
62	100		
98	9.5	0.0	20.2



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



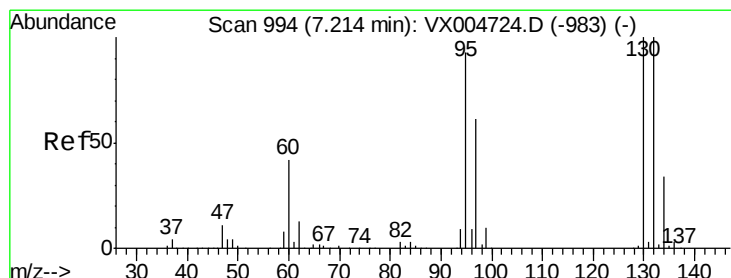
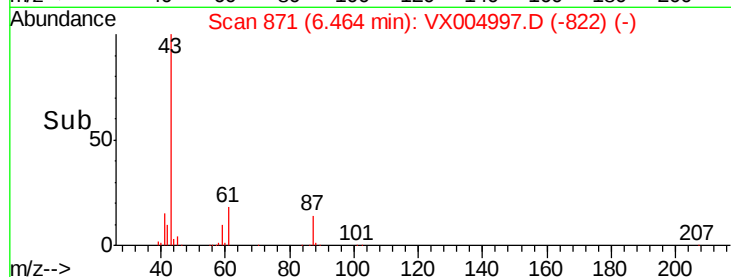
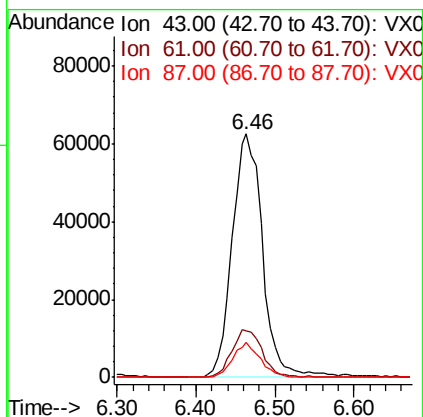
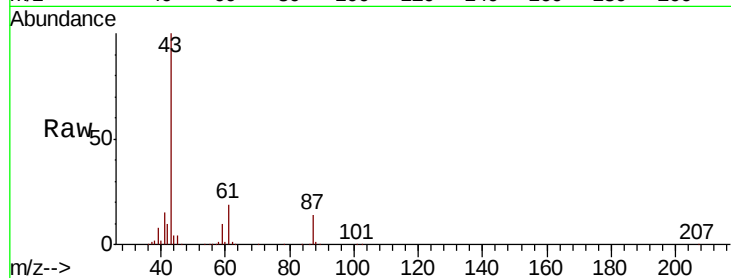


#43

Isopropyl Acetate
 Concen: 19.719 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS02

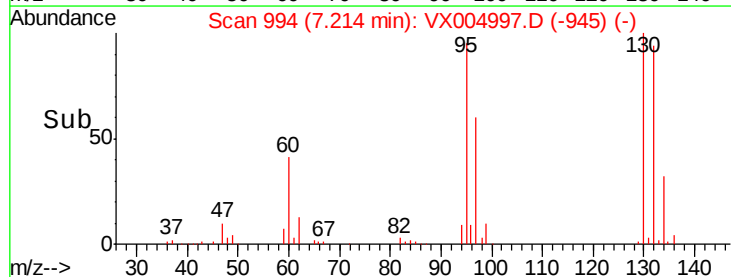
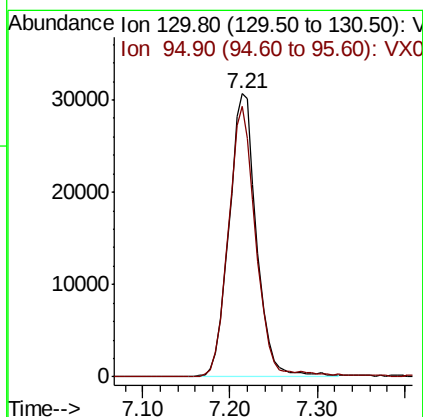
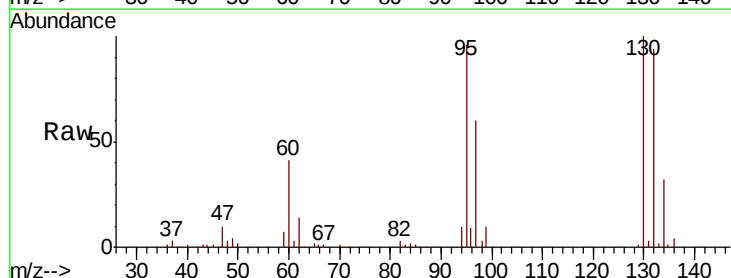
Tot Ion	43	Resp	166075
Ion Ratio	Lower	Upper	
43	100		
61	19.7	14.2	21.4
87	13.1	9.3	13.9

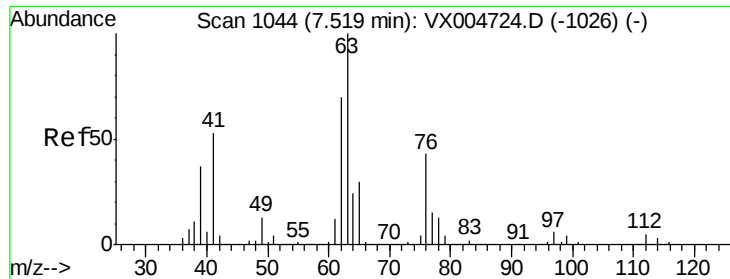


#44

Trichloroethene
 Concen: 19.841 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Tgt Ion	130	Resp	67126
Ion Ratio <td>Lower</td> <td>Upper</td> <td></td>	Lower	Upper	
130	100		
95	95.8	0.0	186.8





#45

1,2-Dichloropropane

Concen: 20.036 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

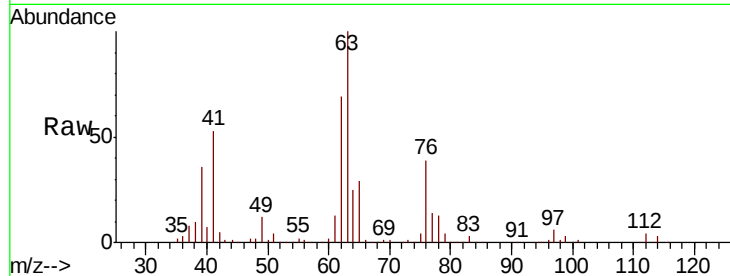
VX1004WBS02

Tot Ion: 63 Resp: 67619

Ion Ratio Lower Upper

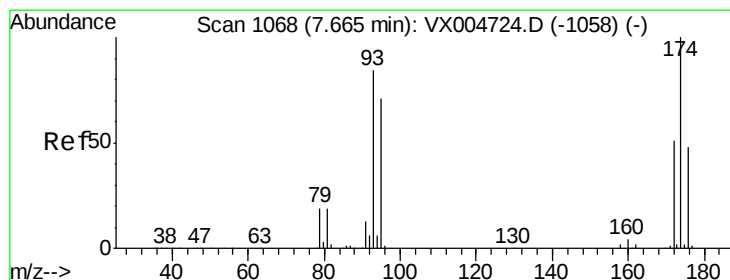
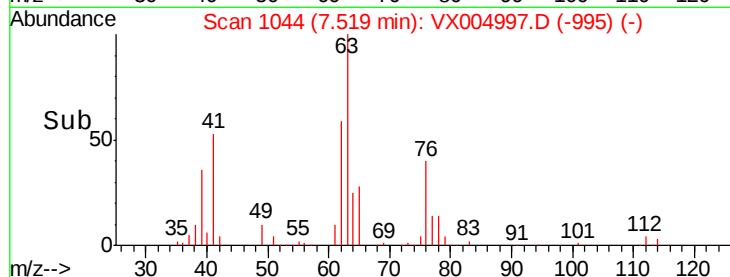
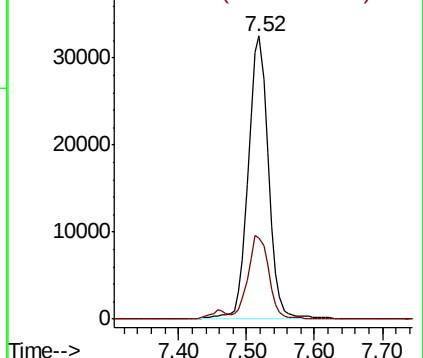
63 100

65 28.8 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 19.745 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

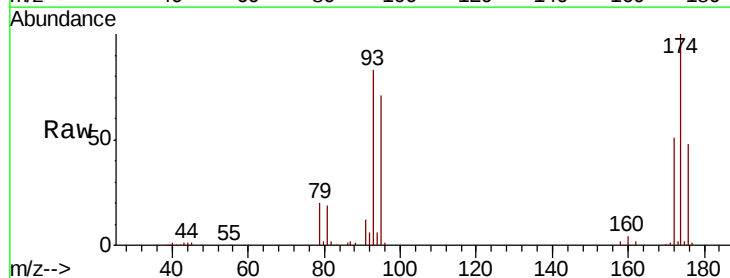
Tgt Ion: 93 Resp: 41879

Ion Ratio Lower Upper

93 100

95 83.6 66.7 100.1

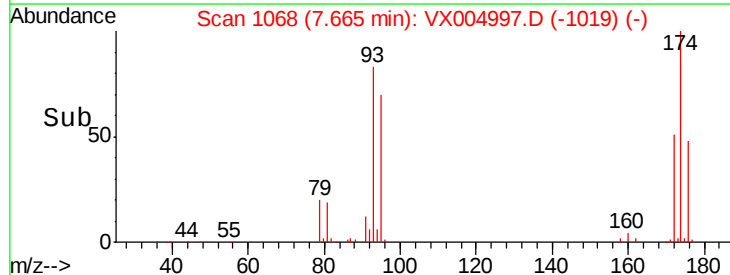
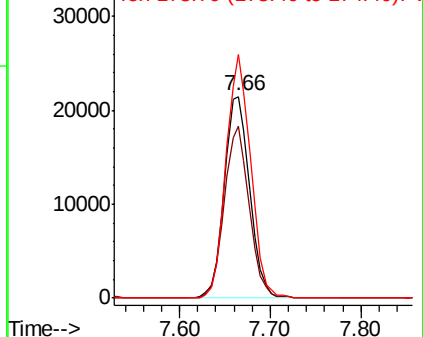
174 116.8 92.7 139.1

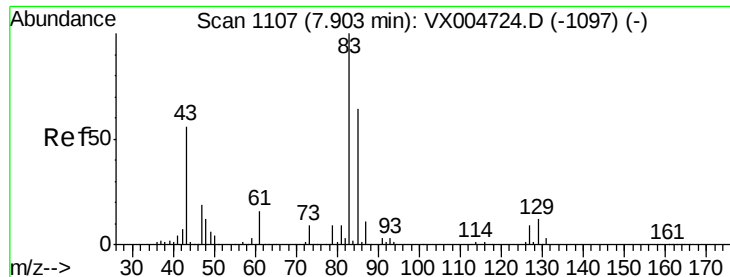


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 19.507 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS02

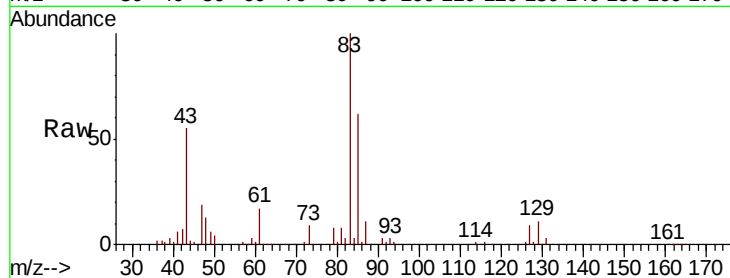
Tot Ion: 83 Resp: 77465

Ion Ratio Lower Upper

83 100

85 62.2 51.2 76.8

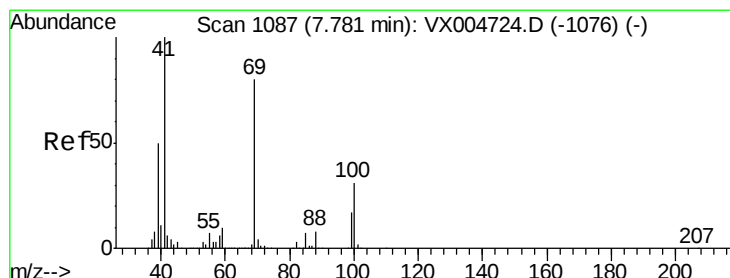
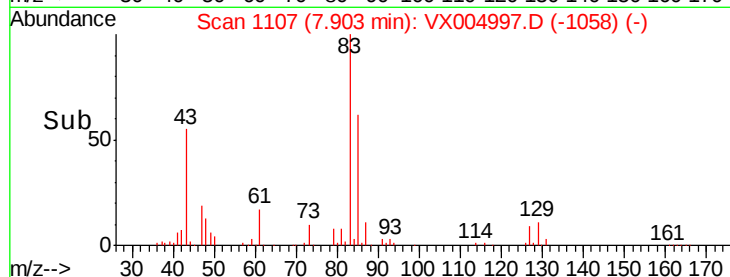
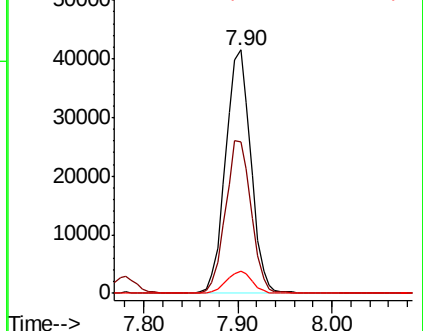
127 9.2 7.0 10.6



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: 20.925 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

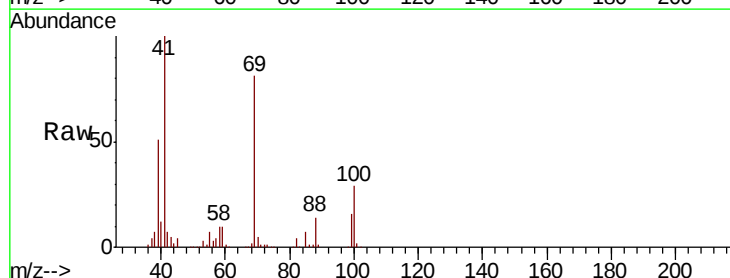
Tgt Ion: 41 Resp: 79989

Ion Ratio Lower Upper

41 100

69 82.6 63.8 95.6

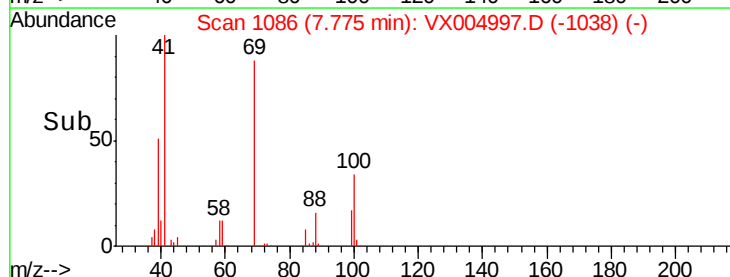
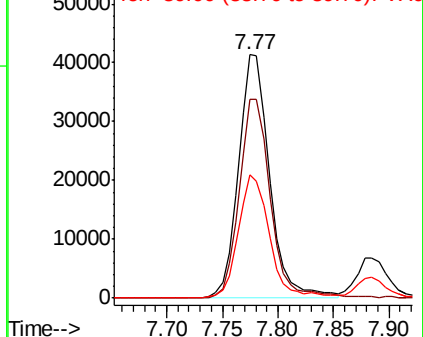
39 51.2 40.7 61.1

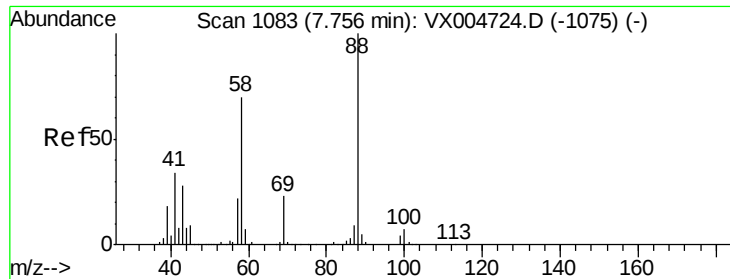


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

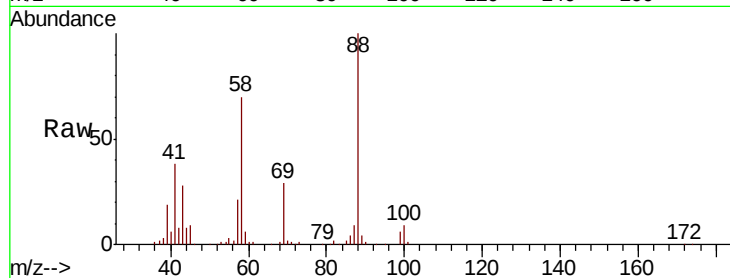




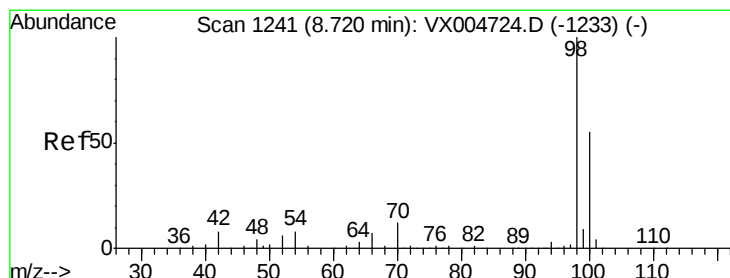
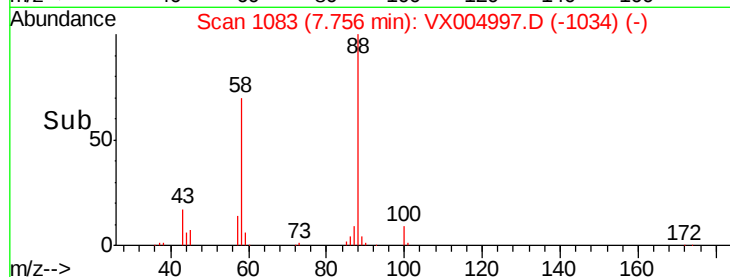
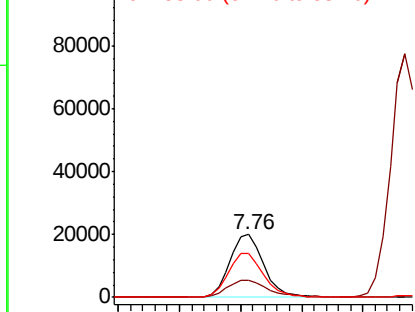
#49
1,4-Dioxane
Concen: 406.007 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

Tot Ion: 88 Resp: 38559
Ion Ratio Lower Upper
88 100
43 31.9 25.1 37.7
58 73.1 56.2 84.2

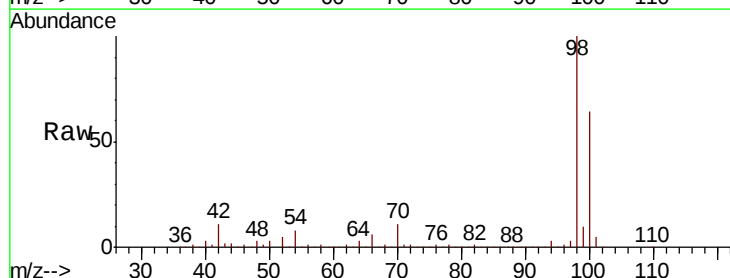


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

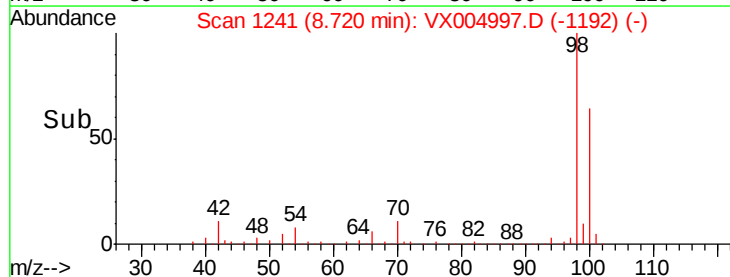
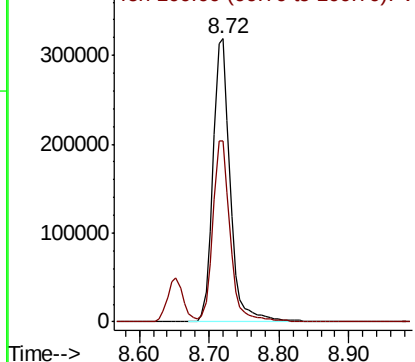


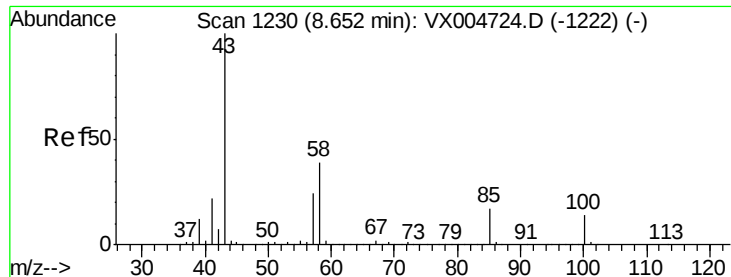
#50
Toluene-d8
Concen: 50.976 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion: 98 Resp: 546019
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



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

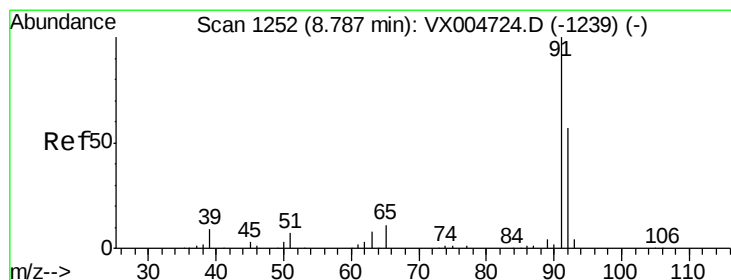
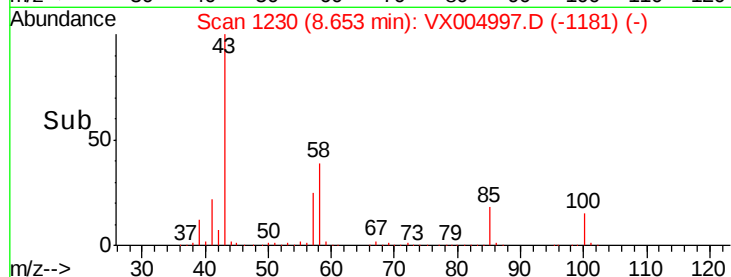
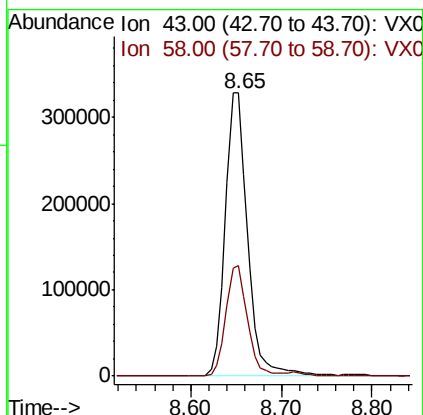
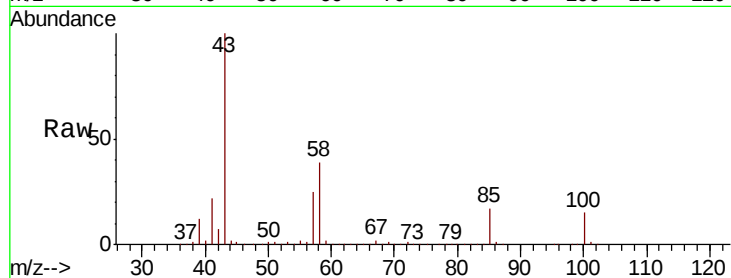




#51
4-Methyl-2-Pentanone
Concen: 106.106 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

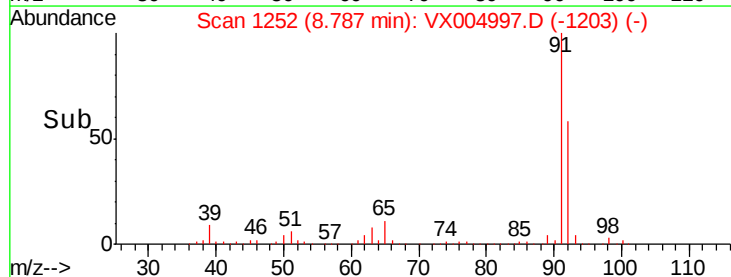
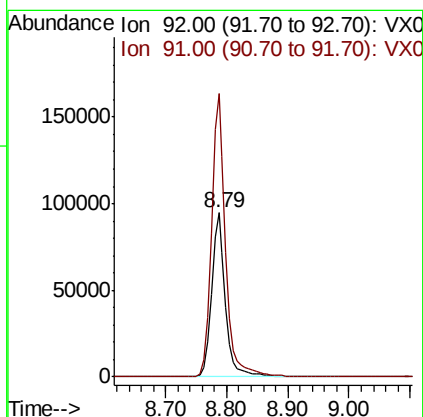
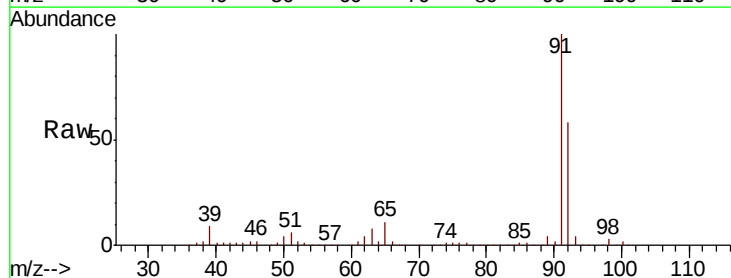
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

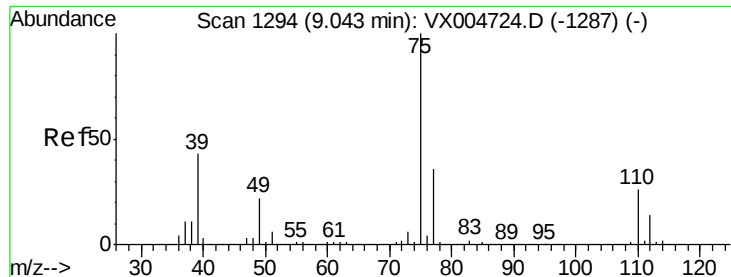
Tot Ion: 43 Resp: 562682
Ion Ratio Lower Upper
43 100
58 37.8 30.5 45.7



#52
Toluene
Concen: 20.130 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion: 92 Resp: 152229
Ion Ratio Lower Upper
92 100
91 175.6 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 18.121 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

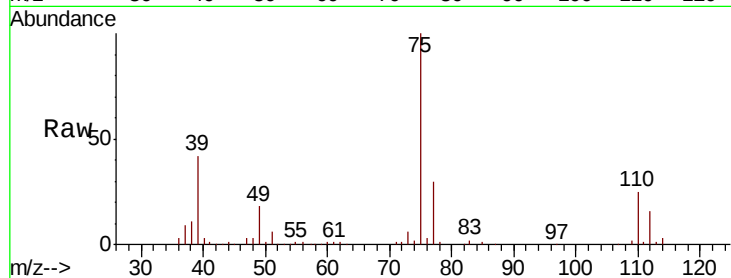
VX1004WBS02

Tot Ion: 75 Resp: 81318

Ion Ratio Lower Upper

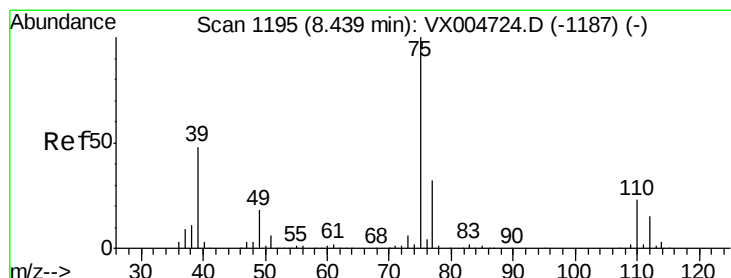
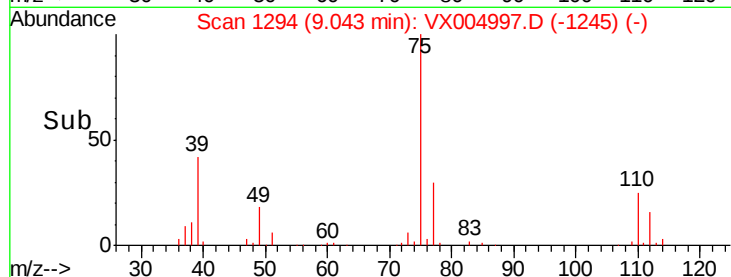
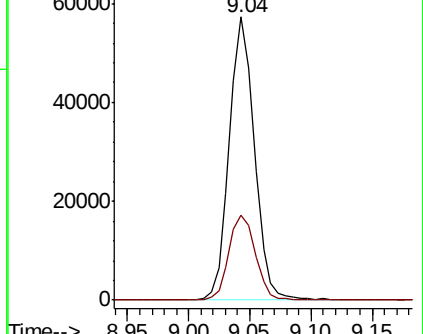
75 100

77 30.1 28.9 43.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.188 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

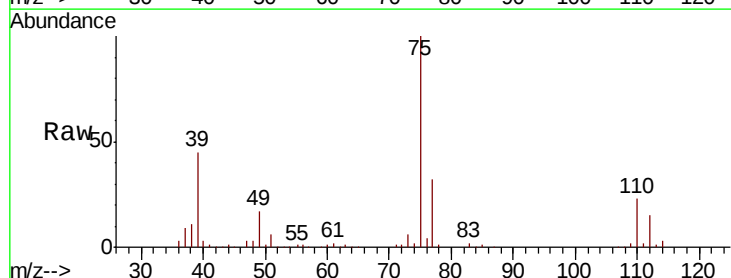
Tgt Ion: 75 Resp: 90189

Ion Ratio Lower Upper

75 100

77 32.4 25.7 38.5

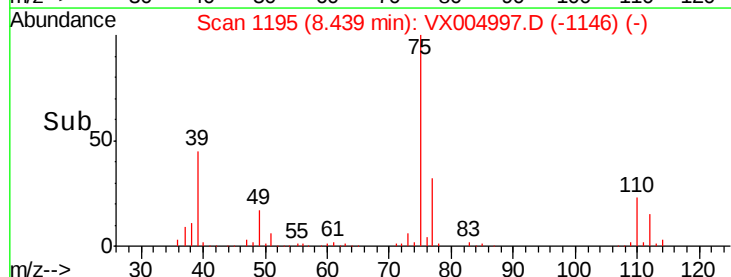
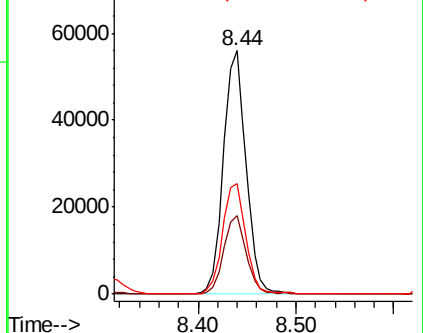
39 45.3 38.3 57.5

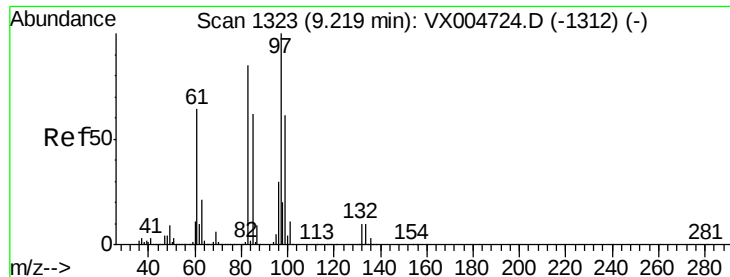


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 19.461 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

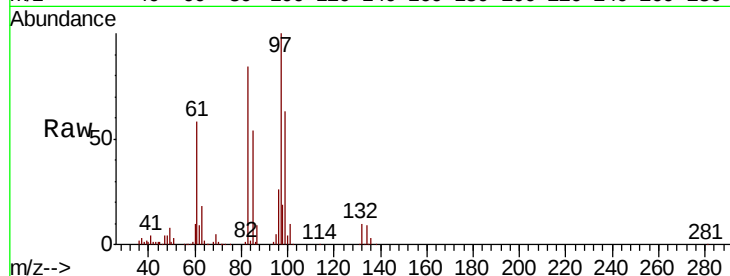
MSVOA_X

ClientSampleId :

VX1004WBS02

Tot Ion: 97 Resp: 64465

Ion	Ratio	Lower	Upper
97	100		
83	84.5	68.2	102.2
85	53.5	49.9	74.9
99	62.8	48.9	73.3

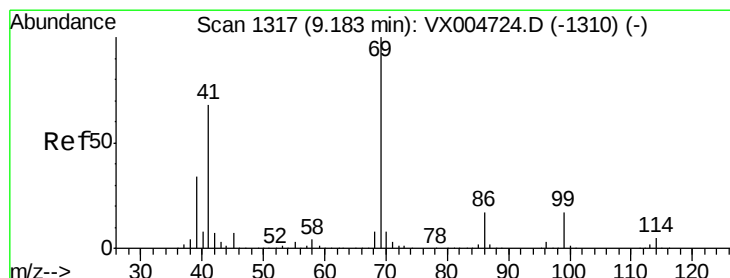
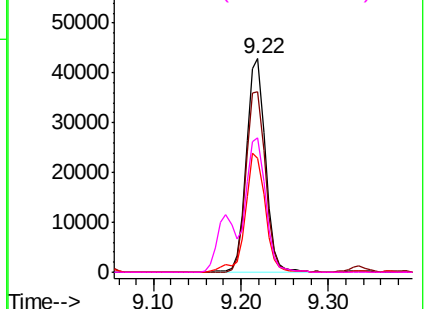
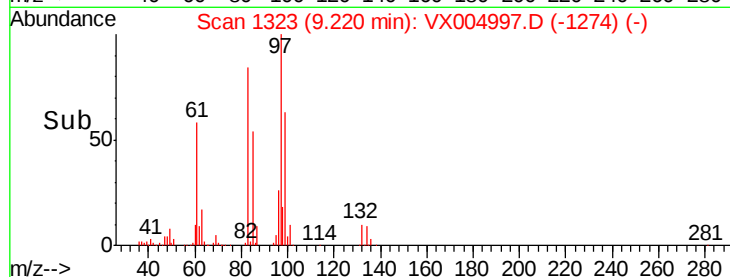


Abundance Ion 96.90 (96.60 to 97.60): VX0

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: 19.819 ug/l

RT: 9.18 min Scan# 1317

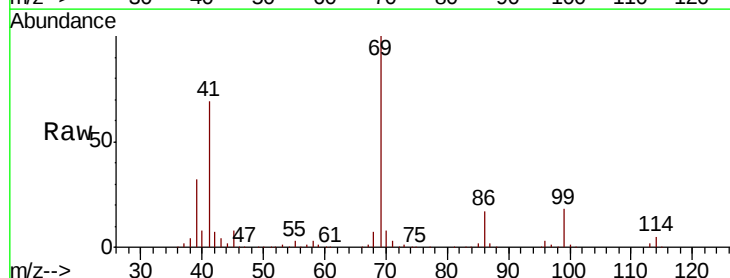
Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Tgt Ion: 69 Resp: 96683

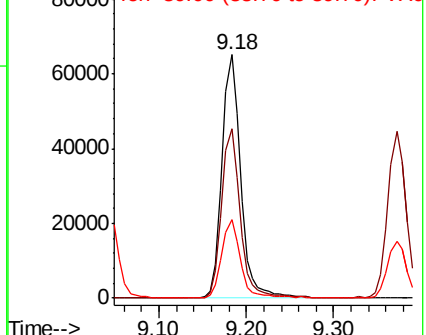
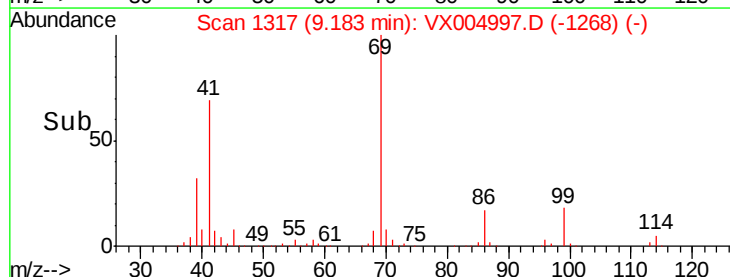
Ion	Ratio	Lower	Upper
69	100		
41	68.7	56.9	85.3
39	31.9	28.4	42.6



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

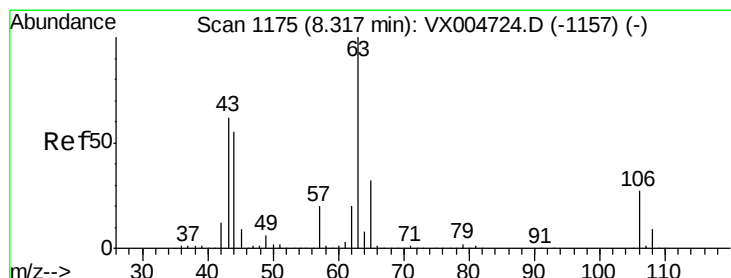
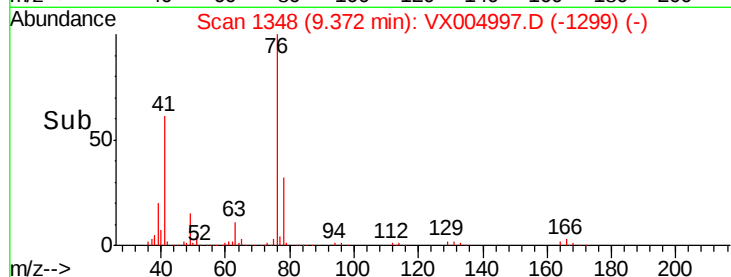
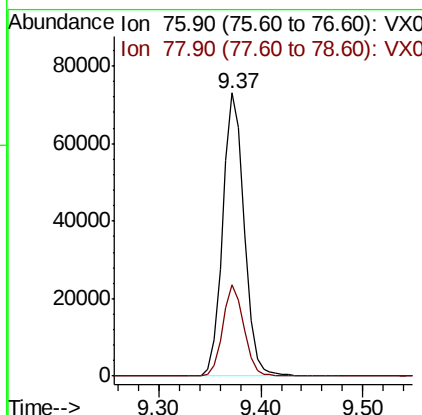
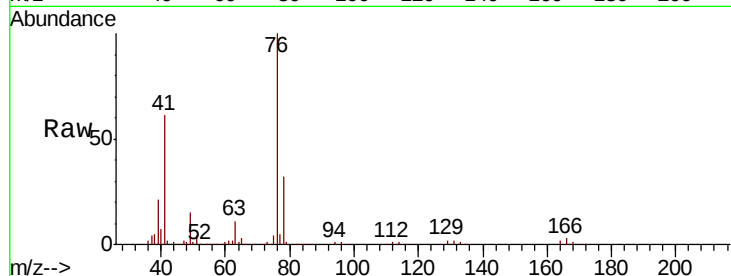




#57
 1,3-Dichloropropane
 Concen: 19.399 ug/l
 RT: 9.37 min Scan# 1348
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

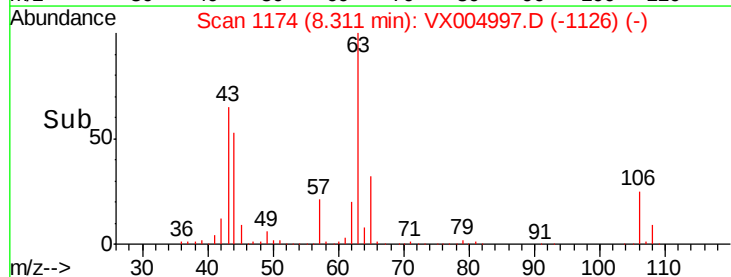
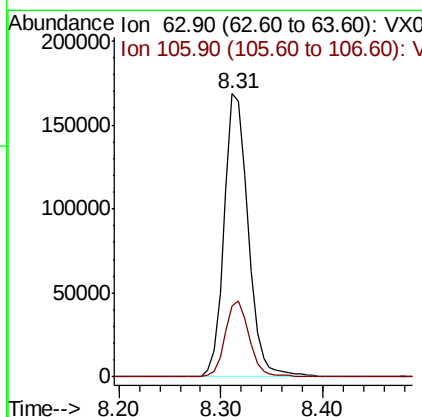
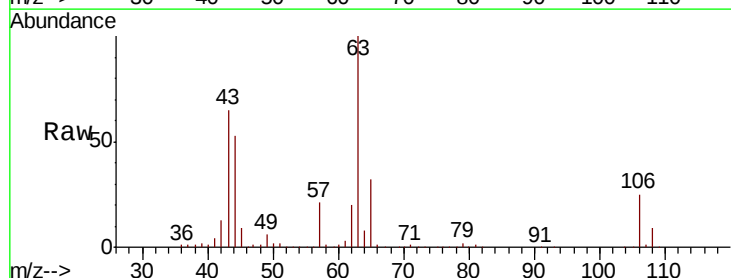
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS02

Tot Ion: 76 Resp: 106949
 Ion Ratio Lower Upper
 76 100
 78 31.8 26.6 40.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.537 ug/l
 RT: 8.31 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Tgt Ion: 63 Resp: 276313
 Ion Ratio Lower Upper
 63 100
 106 26.8 21.0 31.6

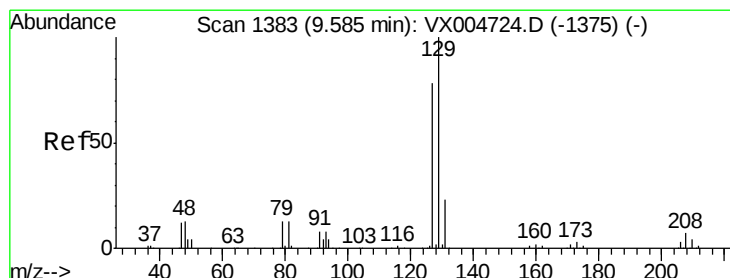
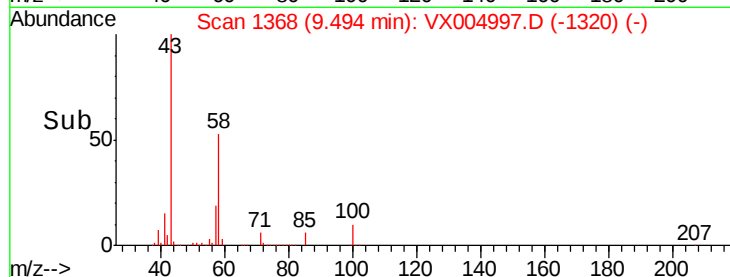
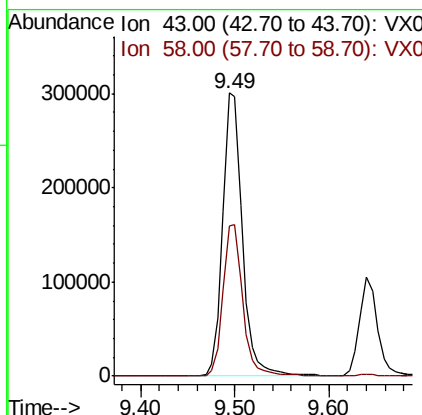
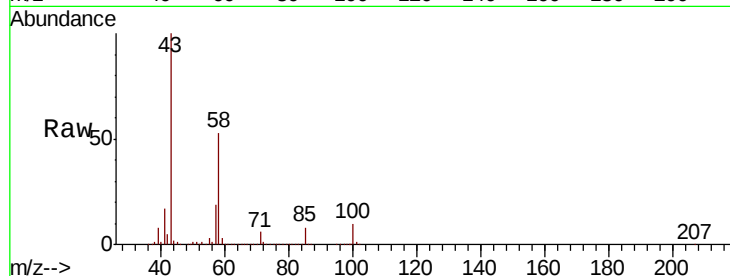




#59
2-Hexanone
Concen: 99.006 ug/l
RT: 9.49 min Scan# 1368
Delta R.T. -0.01 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

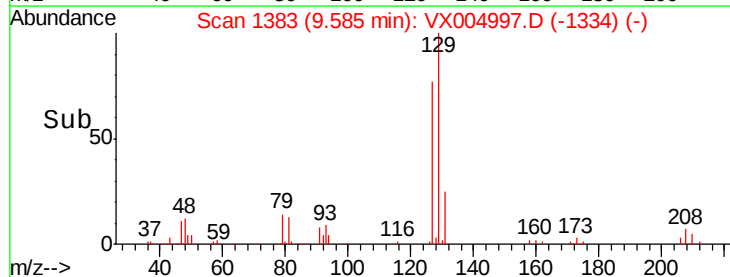
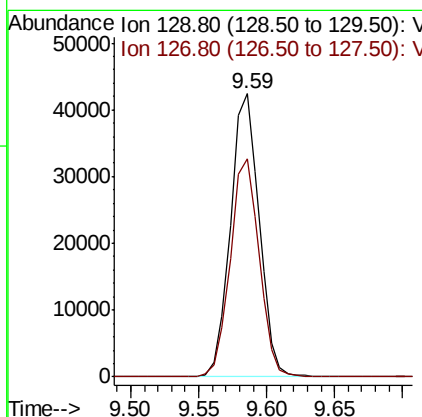
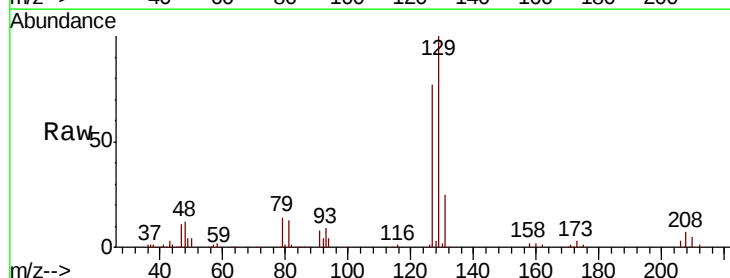
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

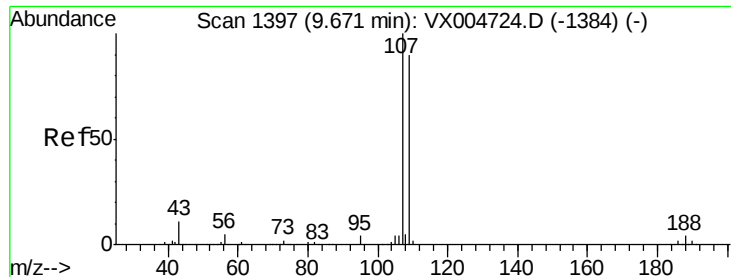
Tot Ion: 43 Resp: 437519
Ion Ratio Lower Upper
43 100
58 54.0 28.4 85.3



#60
Dibromochloromethane
Concen: 18.790 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion:129 Resp: 62247
Ion Ratio Lower Upper
129 100
127 77.6 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.727 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

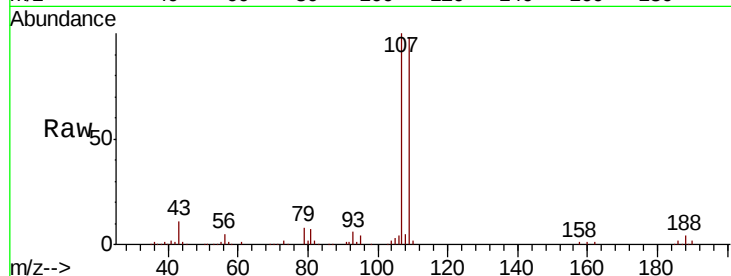
VX1004WBS02

Tot Ion:107 Resp: 66434

Ion Ratio Lower Upper

107 100

109 95.6 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.67

50000

40000

30000

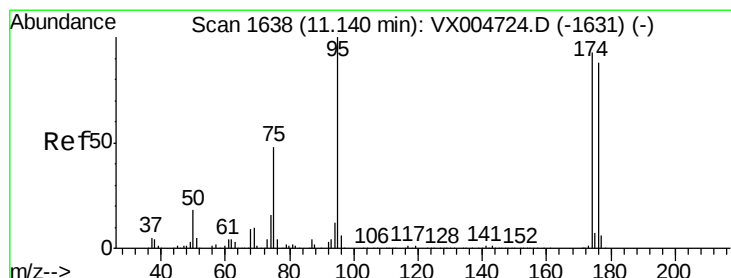
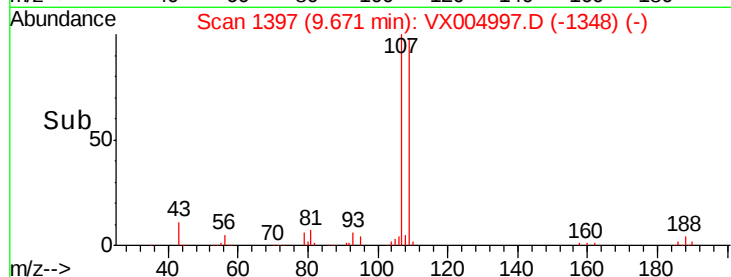
20000

10000

0

Time-->

9.60 9.70 9.80



#62

4-Bromofluorobenzene

Concen: 51.468 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

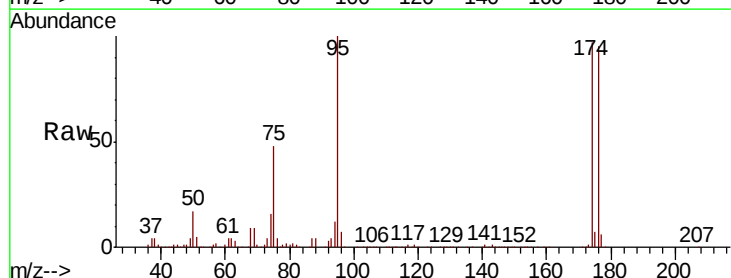
Tgt Ion: 95 Resp: 198608

Ion Ratio Lower Upper

95 100

174 91.6 0.0 185.0

176 90.2 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

200000

150000

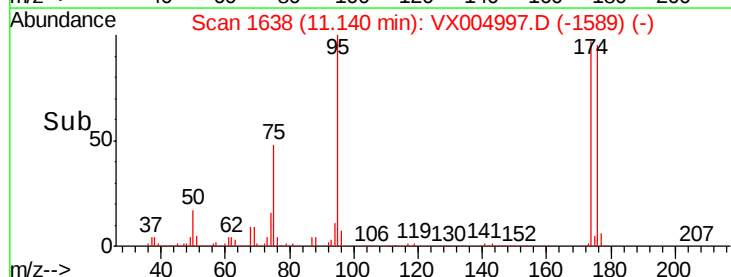
100000

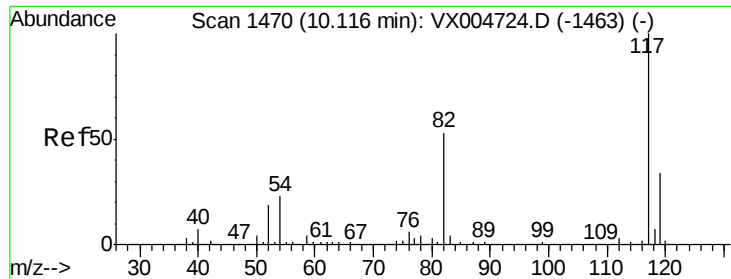
50000

0

Time-->

11.10 11.20

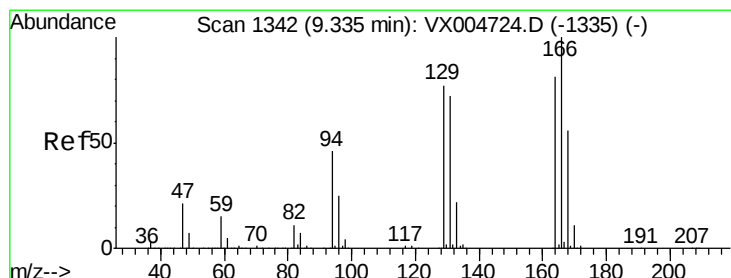
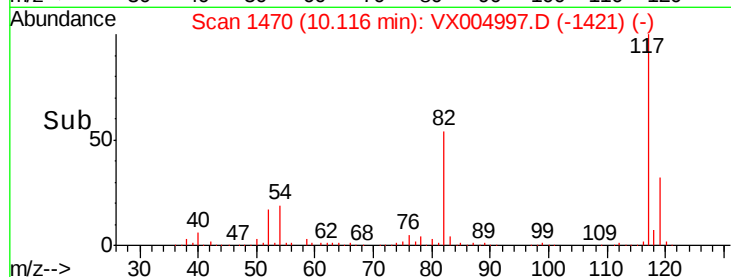
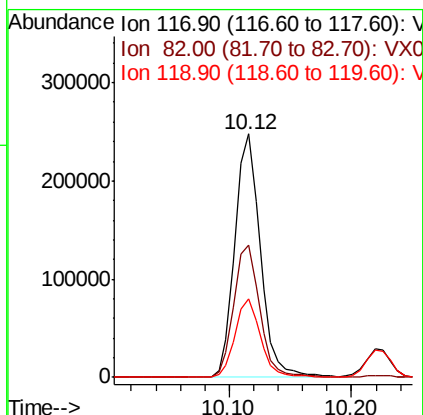
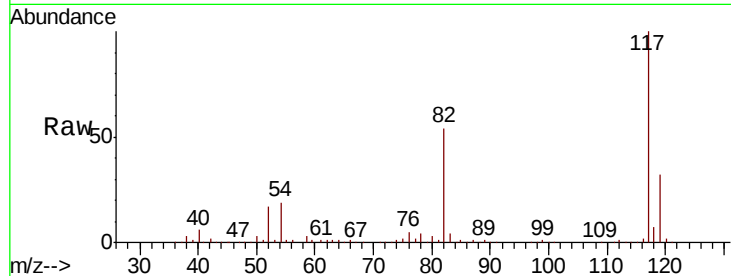




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

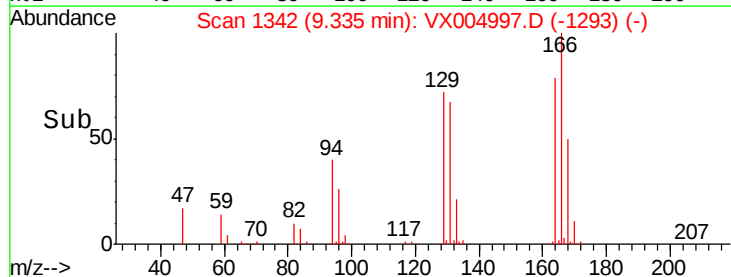
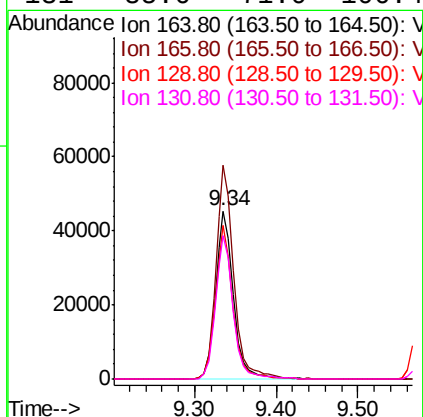
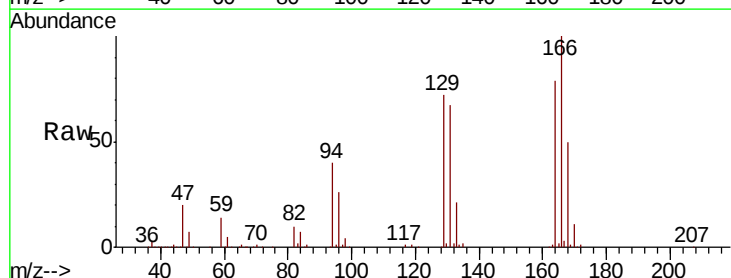
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

Tot Ion:117 Resp: 357700
Ion Ratio Lower Upper
117 100
82 54.4 42.2 63.4
119 32.1 27.4 41.0



#64
Tetrachloroethene
Concen: 19.937 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion:164 Resp: 70189
Ion Ratio Lower Upper
164 100
166 127.1 98.4 147.6
129 91.5 76.1 114.1
131 85.6 71.0 106.4

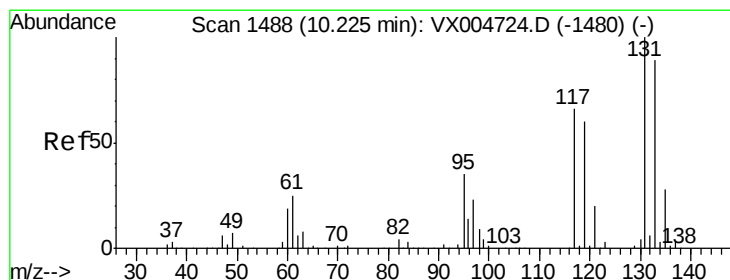
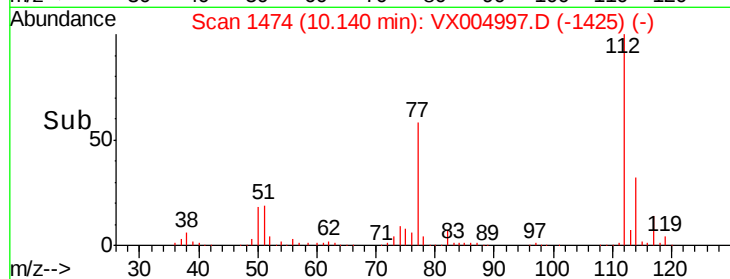
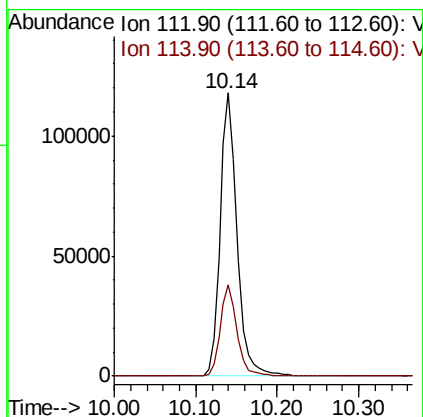
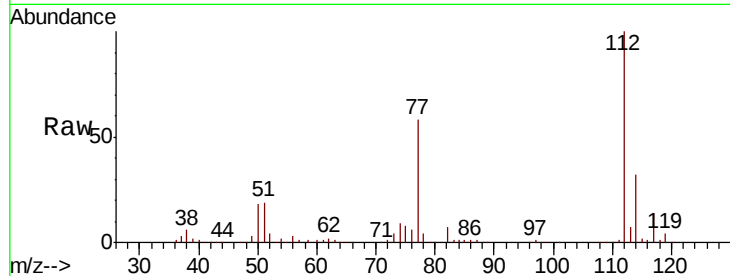




#65
Chlorobenzene
Concen: 18.607 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

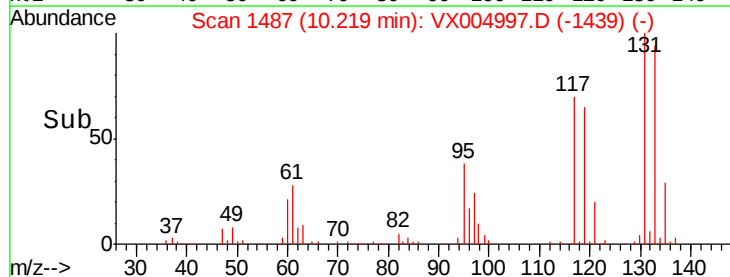
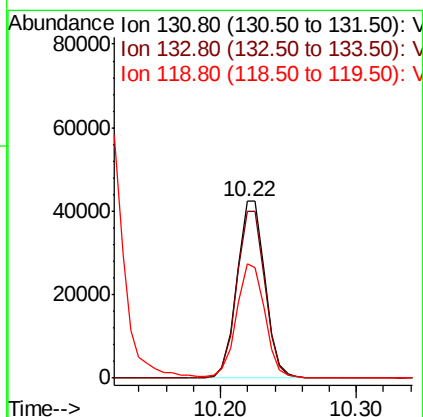
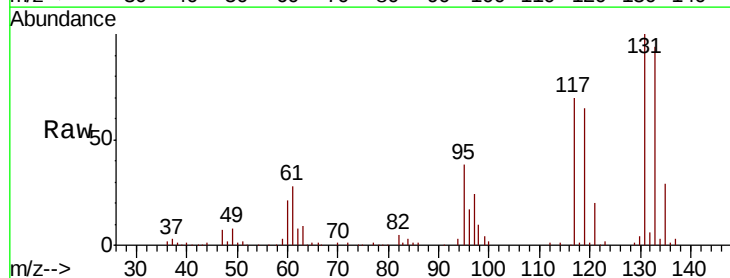
Instrument :
MSVOA_X
ClientSampled :
VX1004WBS02

Tot Ion:112 Resp: 170671
Ion Ratio Lower Upper
112 100
114 32.2 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 18.904 ug/l
RT: 10.22 min Scan# 1487
Delta R.T. -0.01 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion:131 Resp: 60959
Ion Ratio Lower Upper
131 100
133 94.7 48.4 145.0
119 65.8 32.3 96.8

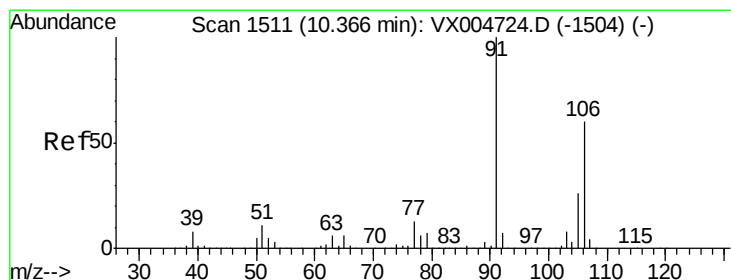
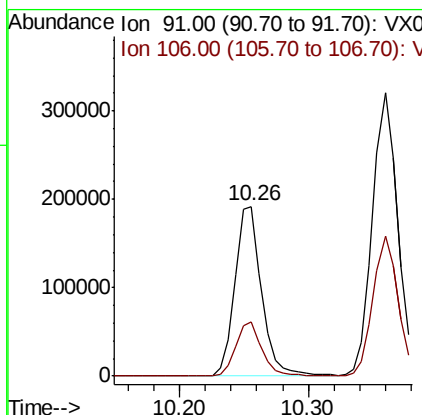
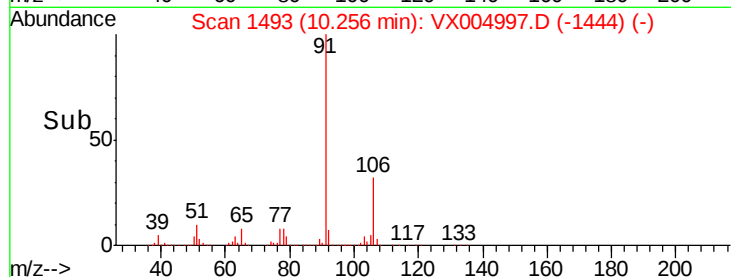
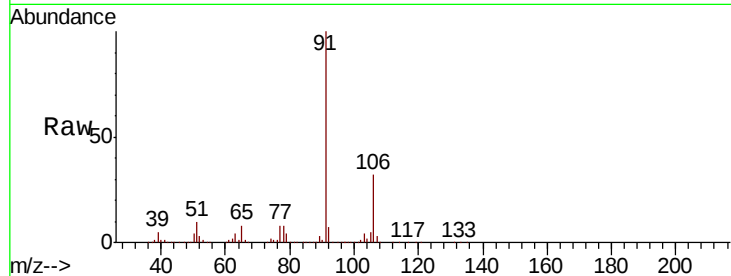




#67
Ethyl Benzene
Concen: 19.143 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

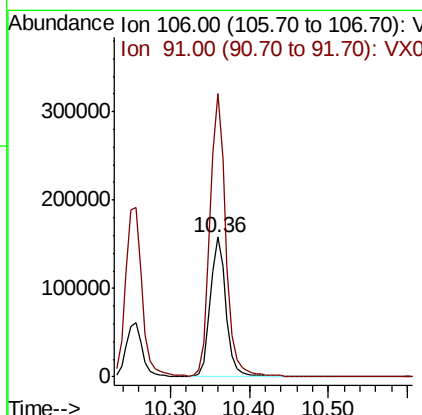
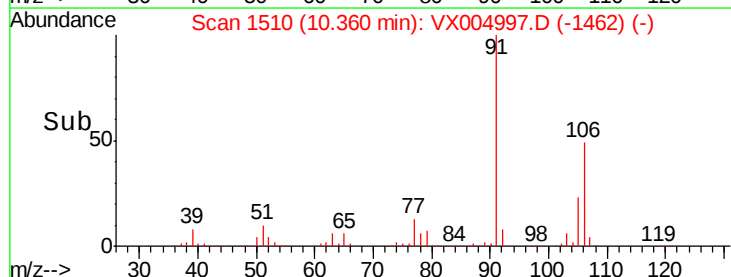
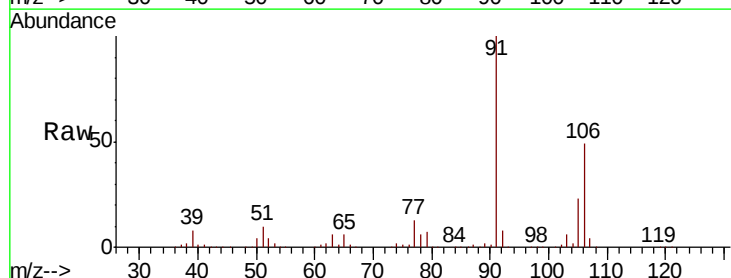
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

Tot Ion: 91 Resp: 278767
Ion Ratio Lower Upper
91 100
106 31.7 26.9 40.3



#68
m/p-Xylenes
Concen: 38.695 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion: 106 Resp: 220198
Ion Ratio Lower Upper
106 100
91 203.7 157.5 236.3

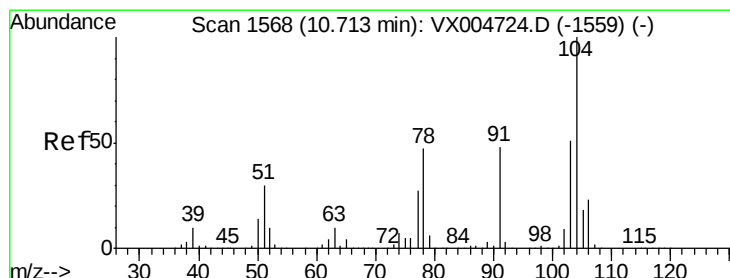
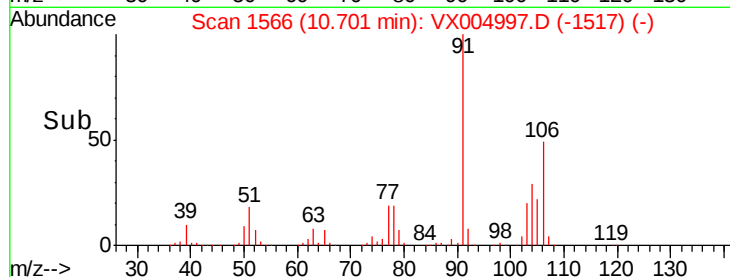
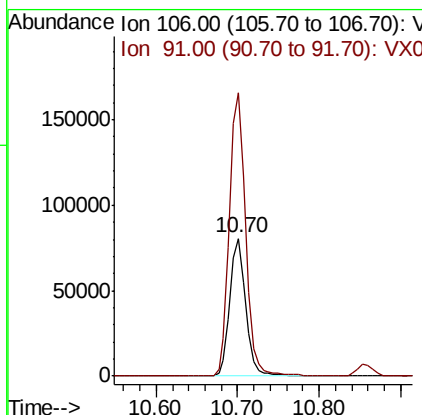
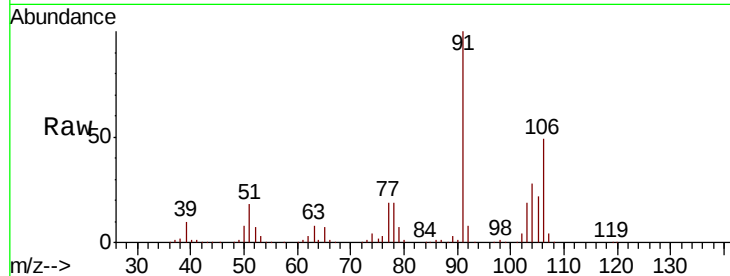




#69
o-Xylene
Concen: 20.582 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

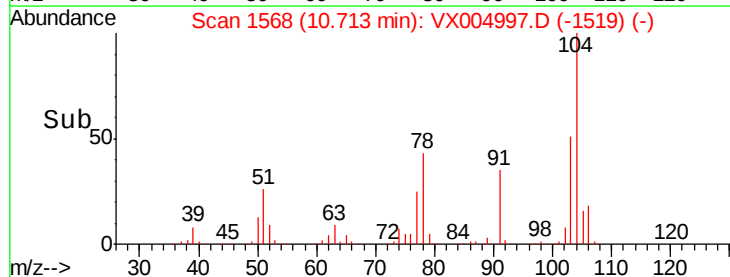
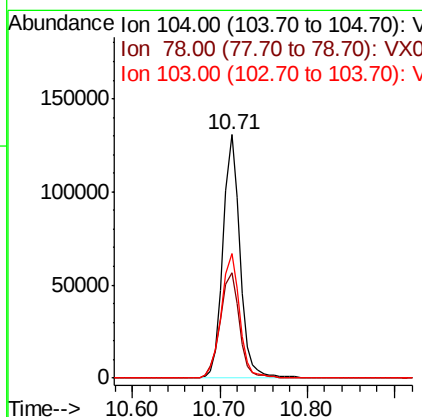
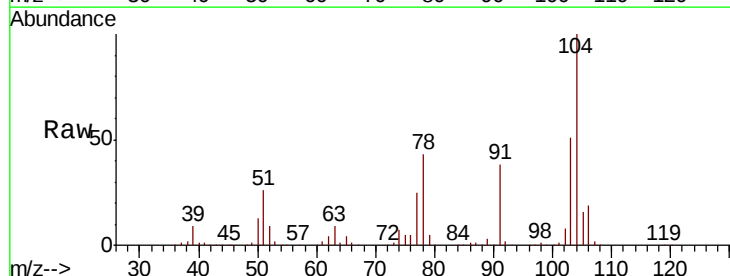
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

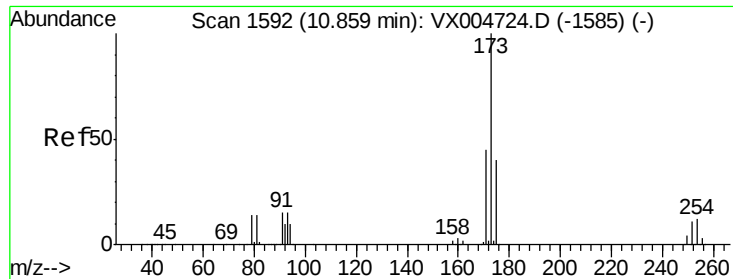
Tot Ion:106 Resp: 107576
Ion Ratio Lower Upper
106 100
91 210.9 108.3 324.8



#70
Styrene
Concen: 19.317 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion:104 Resp: 175417
Ion Ratio Lower Upper
104 100
78 49.3 40.0 60.0
103 56.0 44.3 66.5





#71

Bromoform

Concen: 17.990 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS02

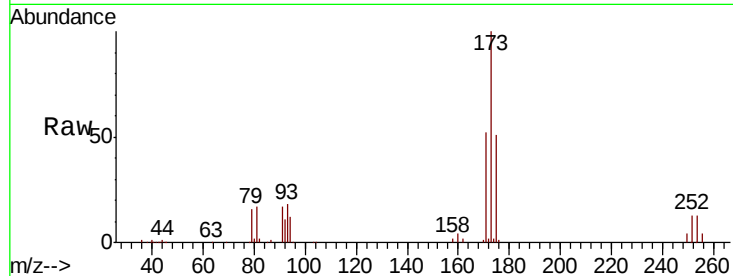
Tot Ion:173 Resp: 49666

Ion Ratio Lower Upper

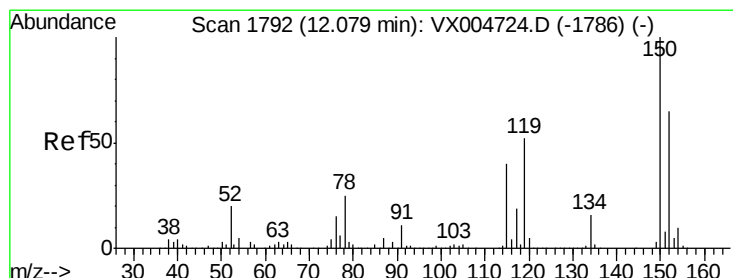
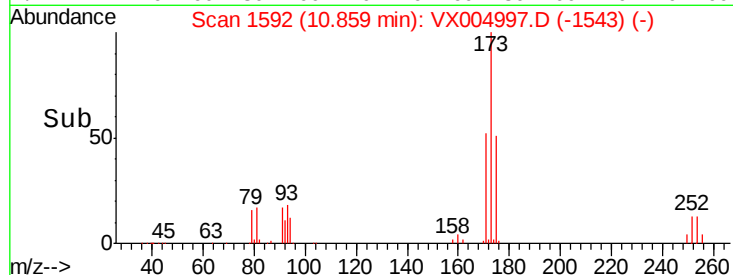
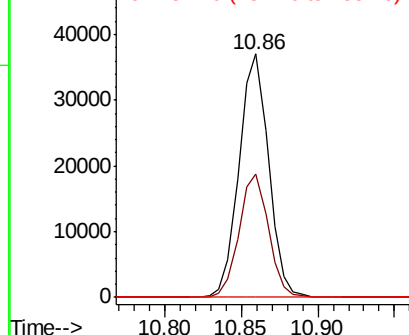
173 100

175 50.3 23.3 69.8

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

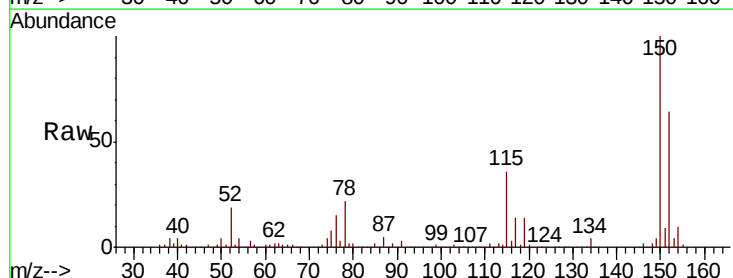
Tgt Ion:152 Resp: 210994

Ion Ratio Lower Upper

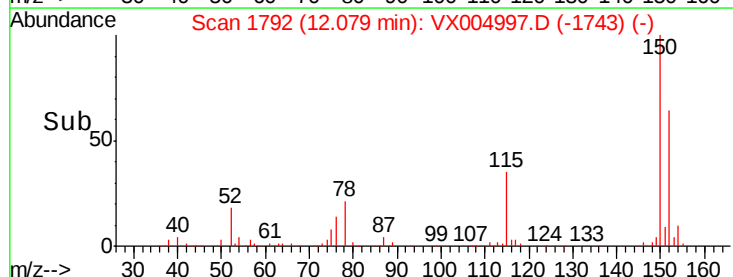
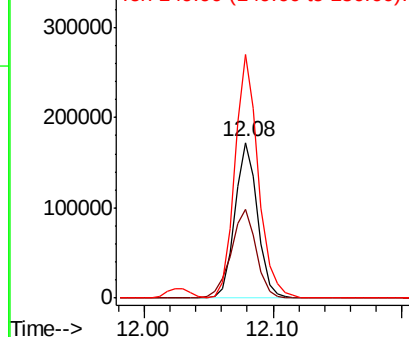
152 100

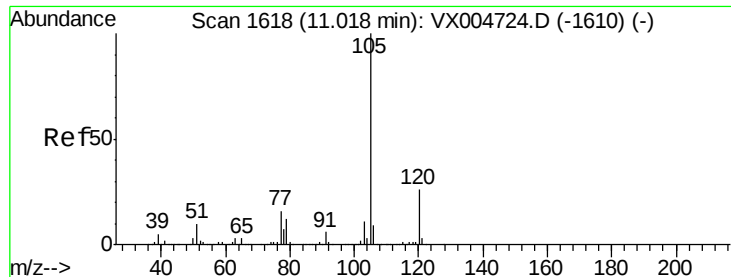
115 64.0 40.2 120.6

150 162.5 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: 21.331 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

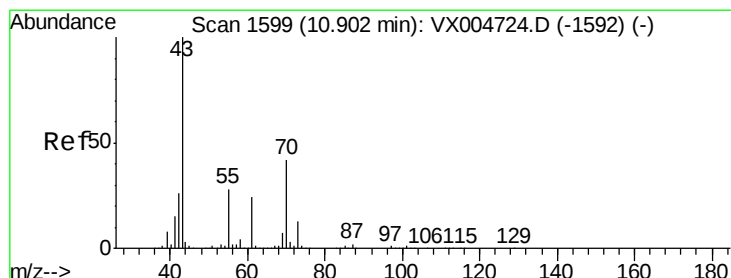
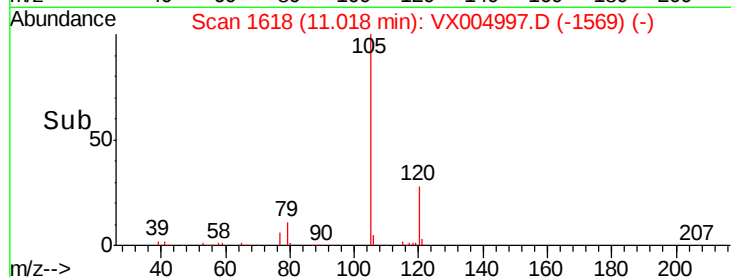
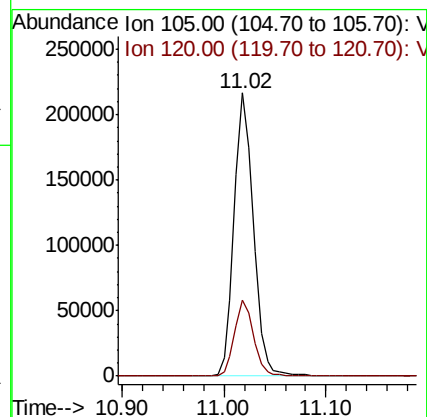
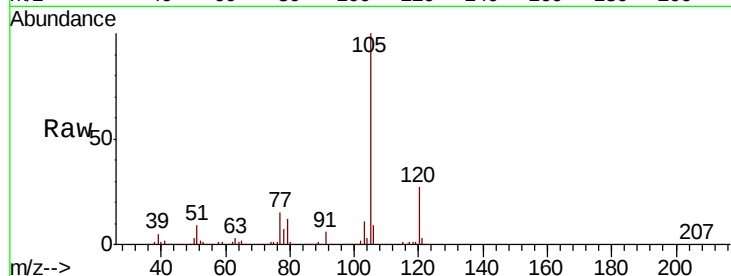
VX1004WBS02

Tot Ion:105 Resp: 283681

Ion Ratio Lower Upper

105 100

120 26.6 13.2 39.5



#74

N-ethyl acetate

Concen: 19.391 ug/l

RT: 10.90 min Scan# 1598

Delta R.T. -0.01 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Tgt Ion: 43 Resp: 133637

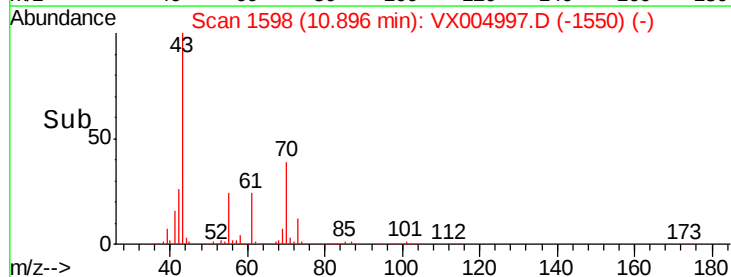
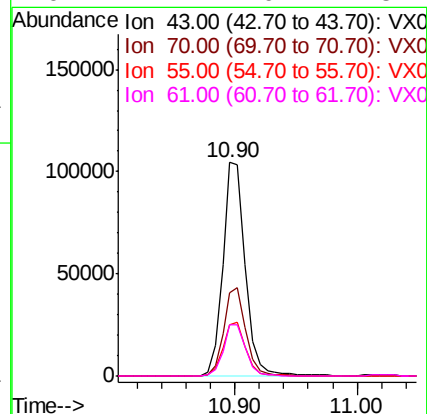
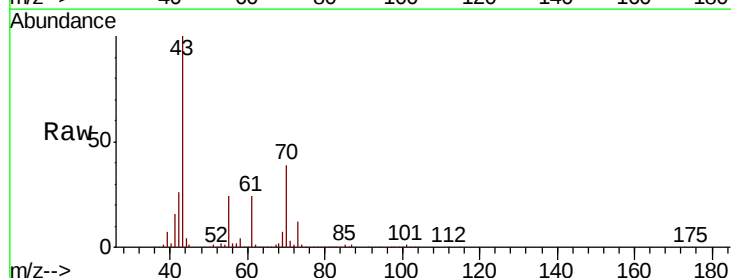
Ion Ratio Lower Upper

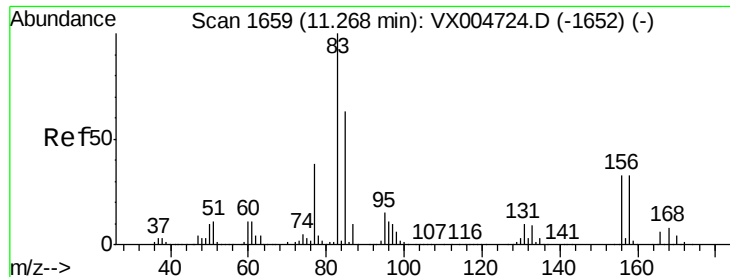
43 100

70 40.6 32.6 48.8

55 25.6 21.6 32.4

61 24.2 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 18.730 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS02

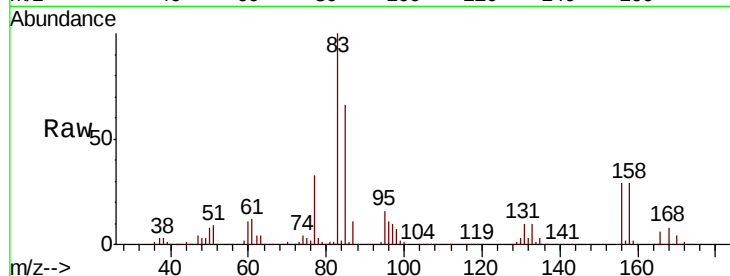
Tot Ion: 83 Resp: 101400

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

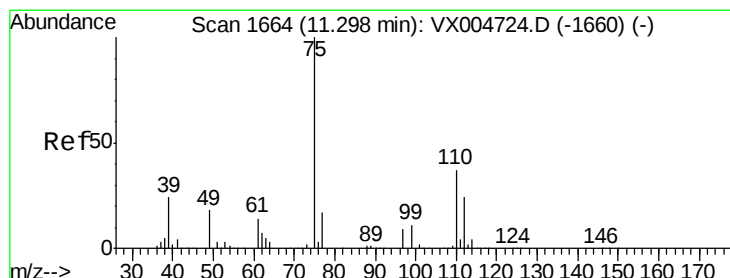
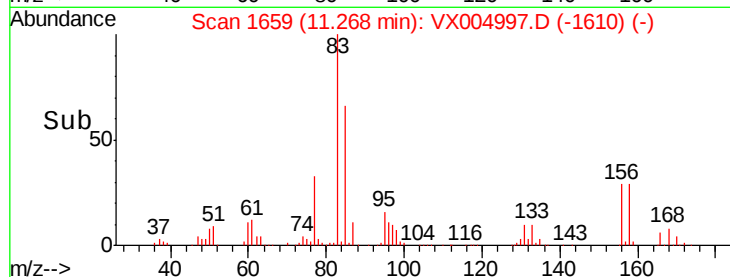
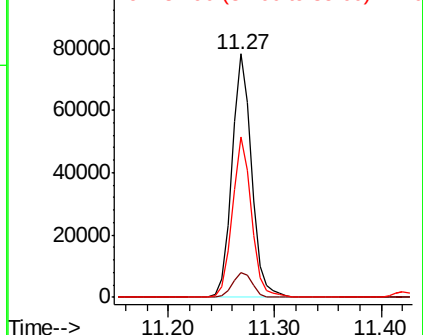
85 64.4 31.9 95.9



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: 23.973 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX004997.D

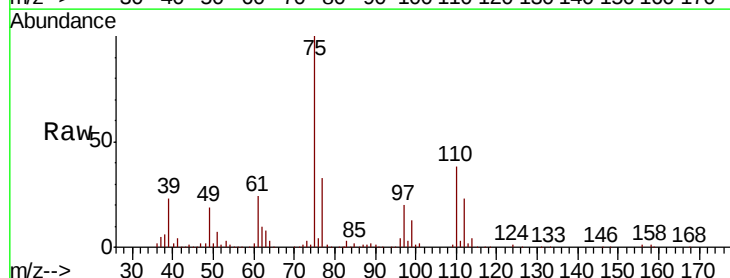
Acq: 04 Oct 2018 04:41

Tgt Ion: 75 Resp: 113374

Ion Ratio Lower Upper

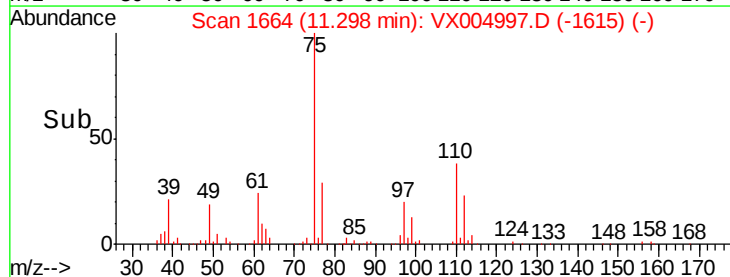
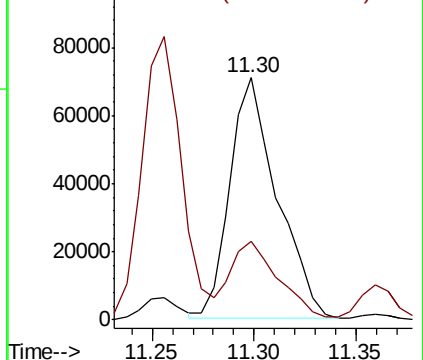
75 100

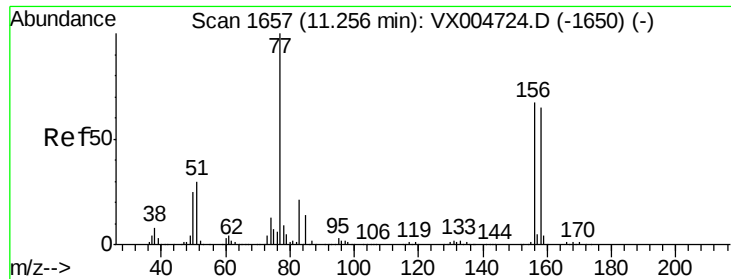
77 33.1 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.275 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS02

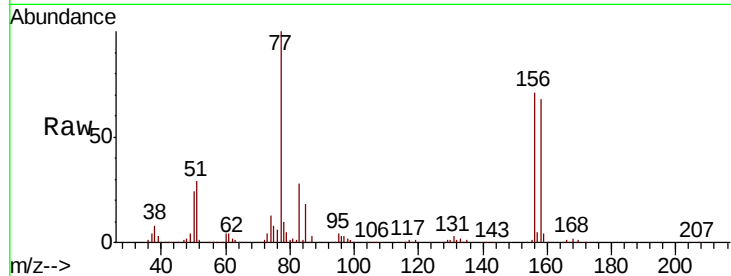
Tot Ion:156 Resp: 78318

Ion Ratio Lower Upper

156 100

77 143.7 73.4 220.2

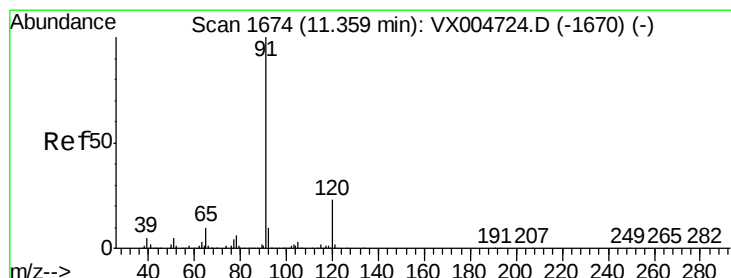
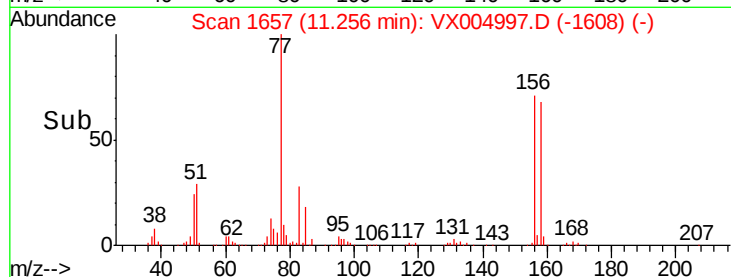
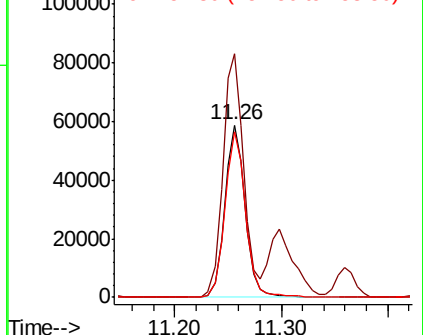
158 97.4 49.1 147.4



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: 20.897 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004997.D

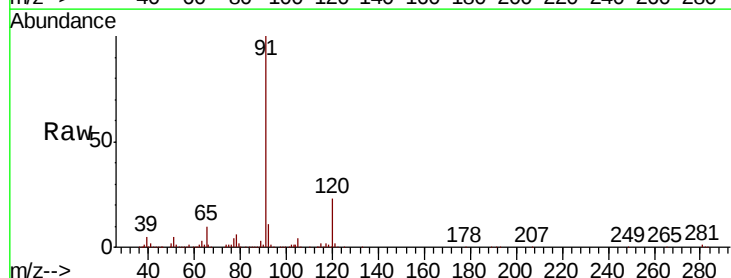
Acq: 04 Oct 2018 04:41

Tgt Ion: 91 Resp: 318877

Ion Ratio Lower Upper

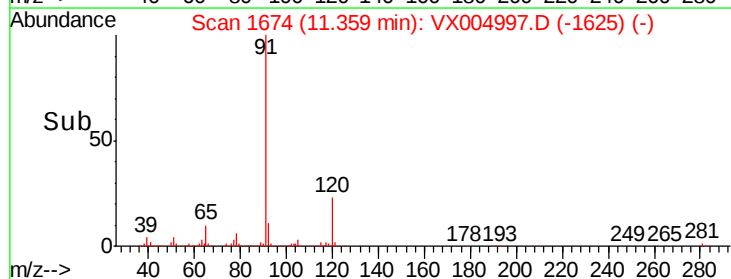
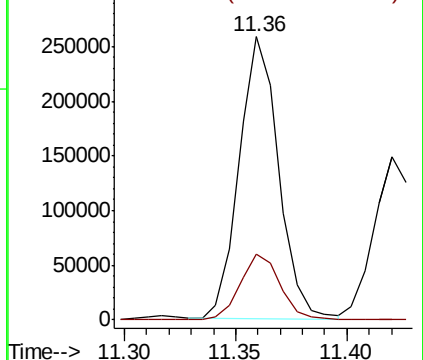
91 100

120 23.7 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: 20.518 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

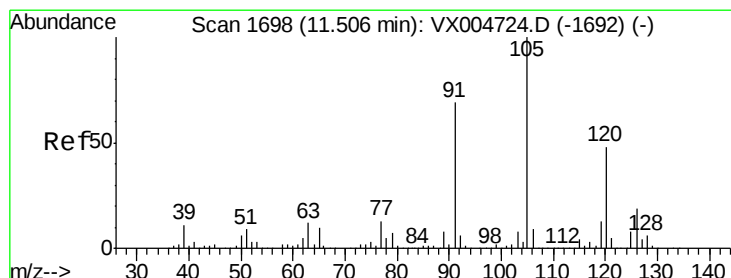
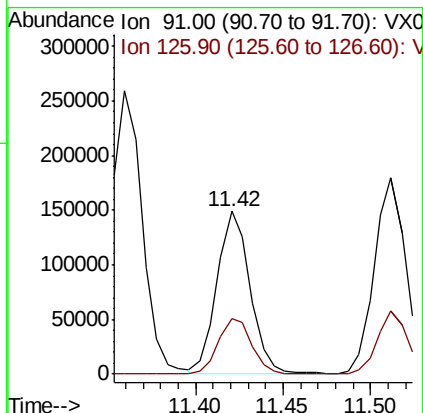
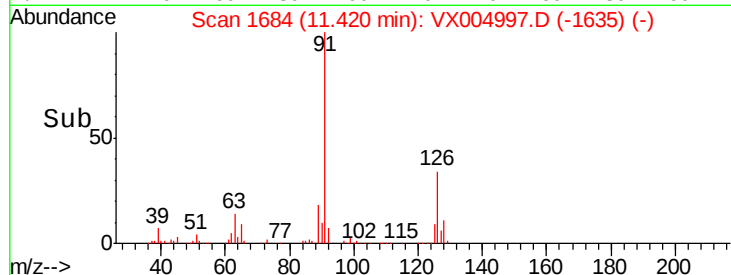
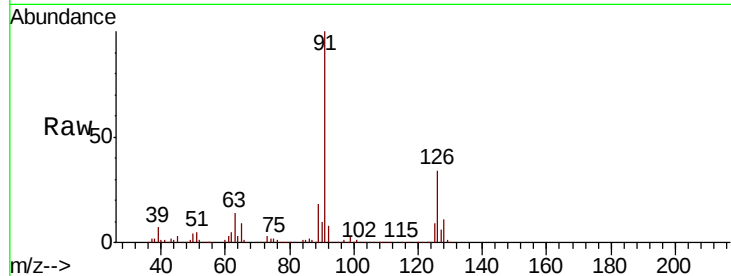
VX1004WBS02

Tot Ion: 91 Resp: 195154

Ion Ratio Lower Upper

91 100

126 35.3 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 19.301 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX004997.D

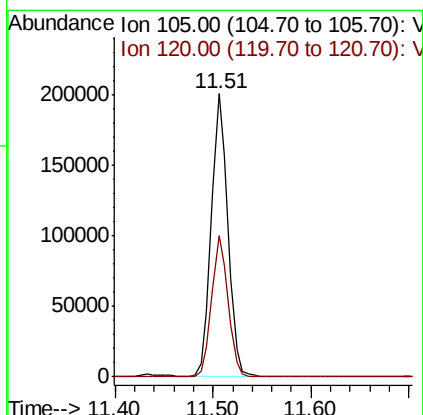
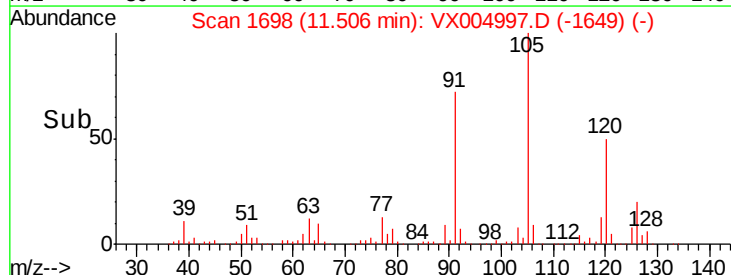
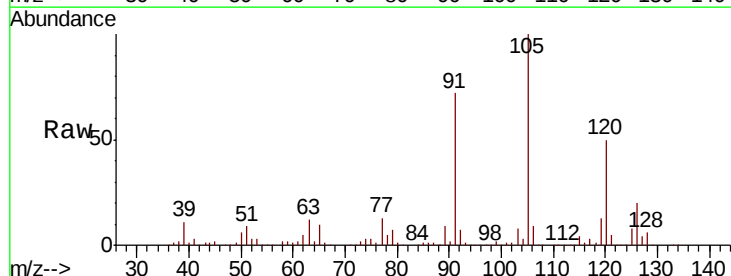
Acq: 04 Oct 2018 04:41

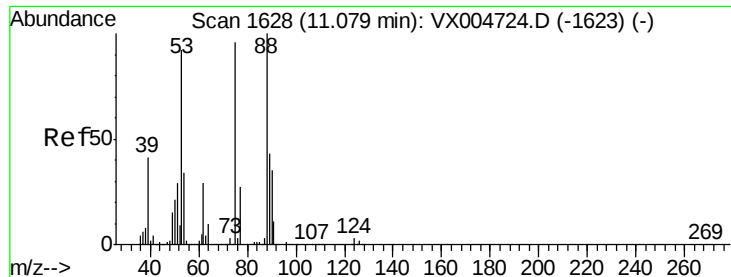
Tgt Ion: 105 Resp: 236742

Ion Ratio Lower Upper

105 100

120 49.5 24.3 72.8

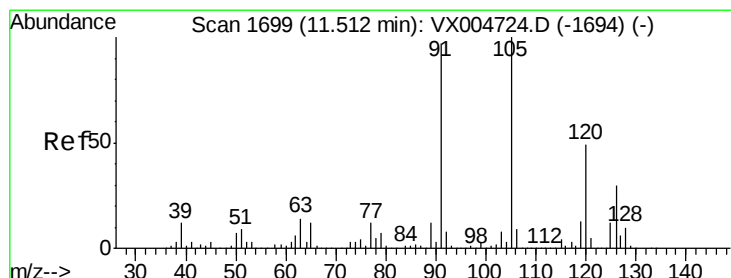
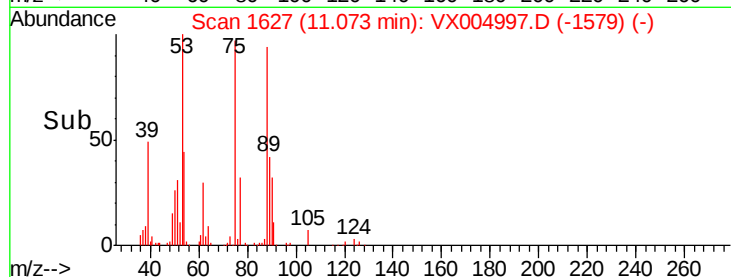
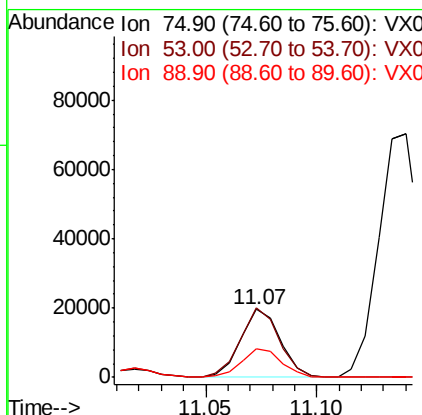
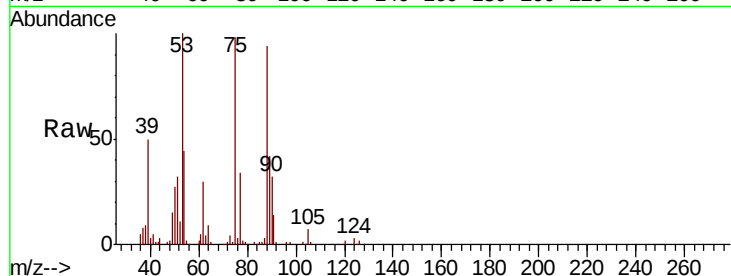




#81
trans-1,4-Dichloro-2-butene
Concen: 15.325 ug/l
RT: 11.07 min Scan# 1627
Delta R.T. -0.01 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

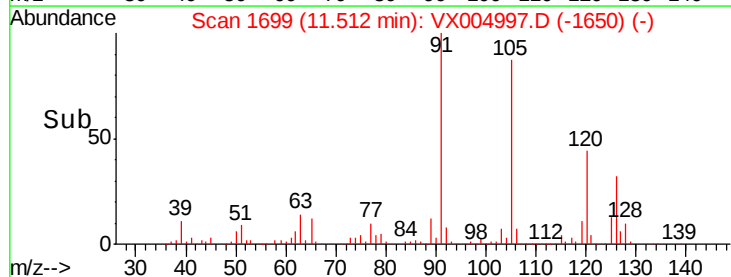
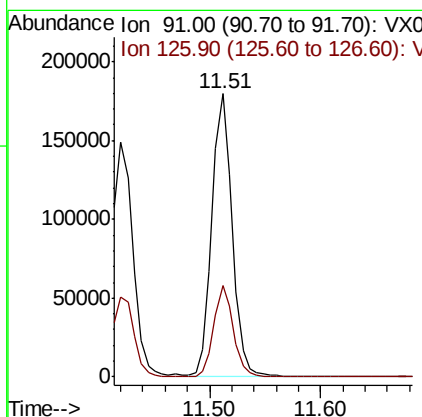
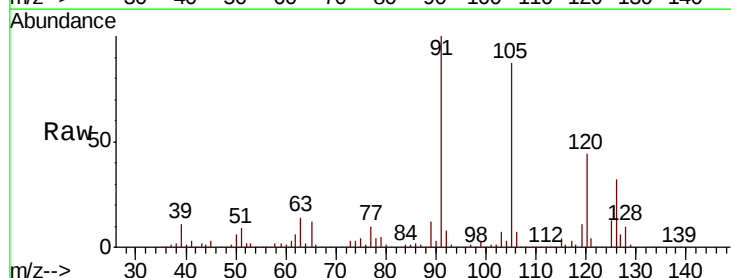
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

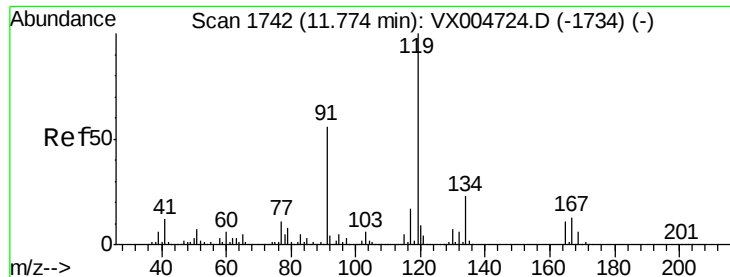
Tot Ion: 75 Resp: 24084
Ion Ratio Lower Upper
75 100
53 101.5 80.2 120.4
89 44.1 37.1 55.7



#82
4-Chlorotoluene
Concen: 20.372 ug/l
RT: 11.51 min Scan# 1699
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion: 91 Resp: 228066
Ion Ratio Lower Upper
91 100
126 31.2 15.5 46.5

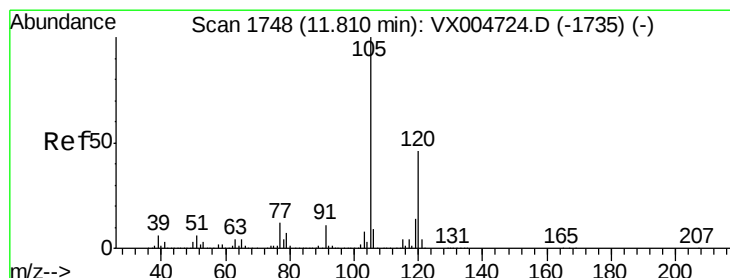
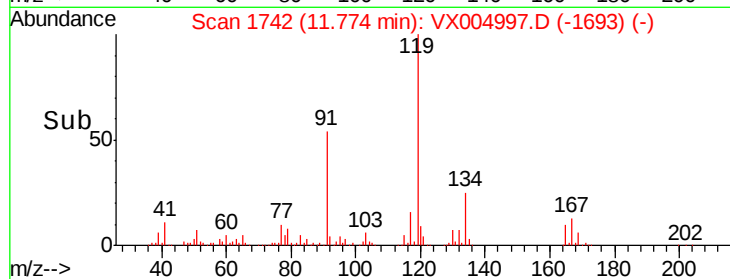
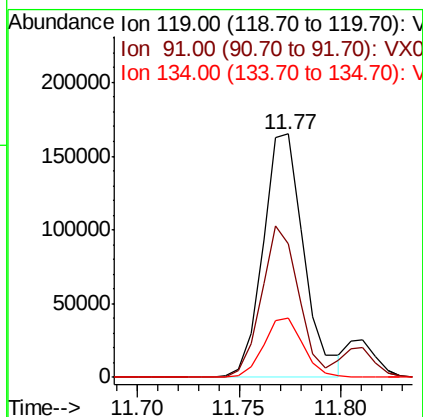
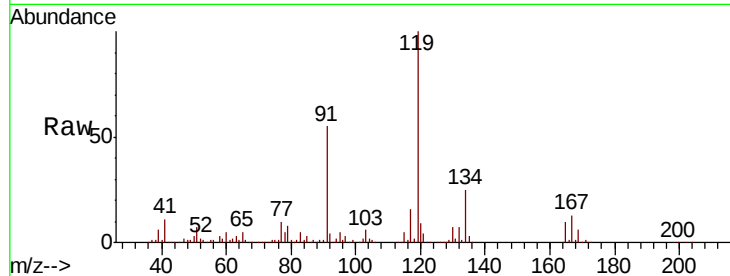




#83
 tert-Butylbenzene
 Concen: 21.003 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

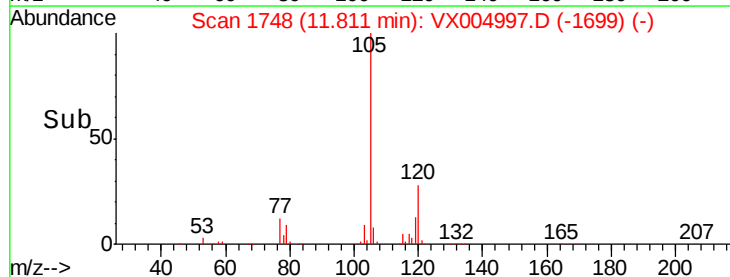
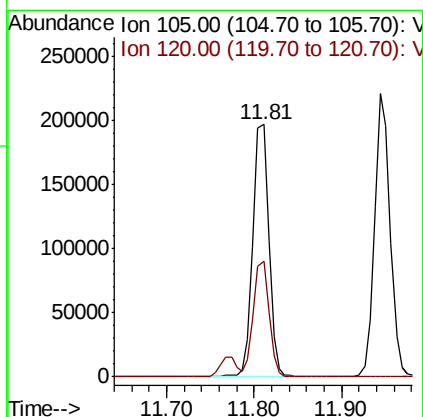
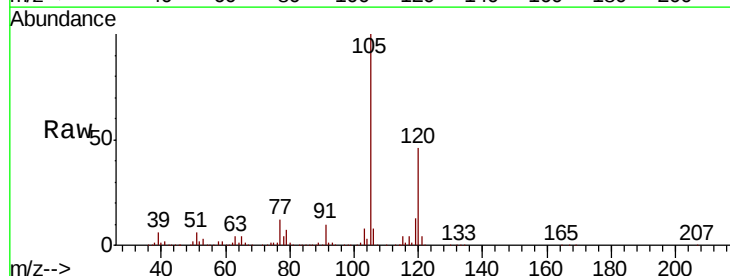
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS02

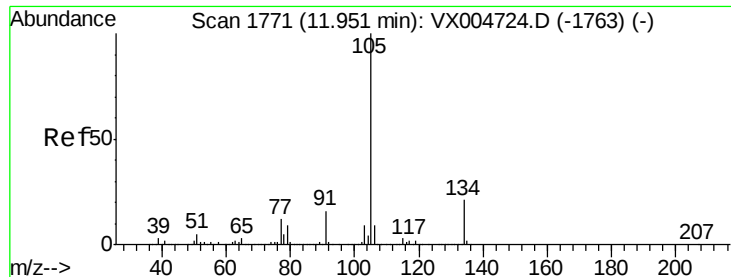
Tot Ion:119 Resp: 229971
 Ion Ratio Lower Upper
 119 100
 91 56.7 27.5 82.5
 134 23.7 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 19.726 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Tgt Ion:105 Resp: 249466
 Ion Ratio Lower Upper
 105 100
 120 45.1 22.8 68.3





#85

sec-Butylbenzene

Concen: 20.680 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

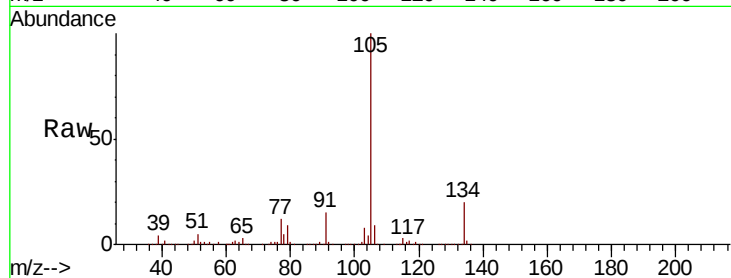
VX1004WBS02

Tot Ion:105 Resp: 275808

Ion Ratio Lower Upper

105 100

134 20.8 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

250000

200000

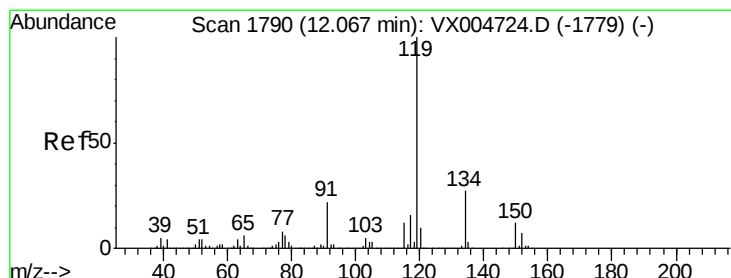
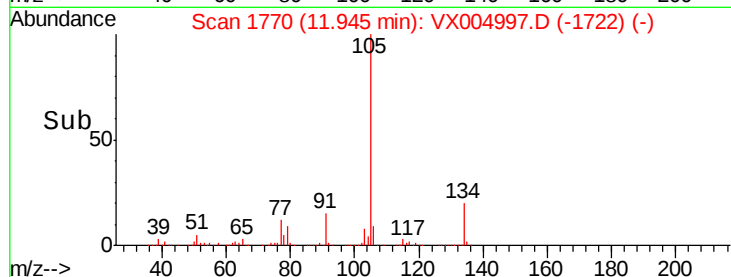
150000

100000

50000

0

Time-->



#86

p-Isopropyltoluene

Concen: 20.425 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

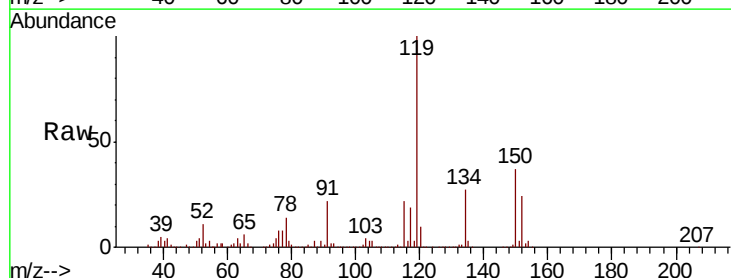
Tgt Ion:119 Resp: 246802

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.1

91 22.7 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

12.07

250000

200000

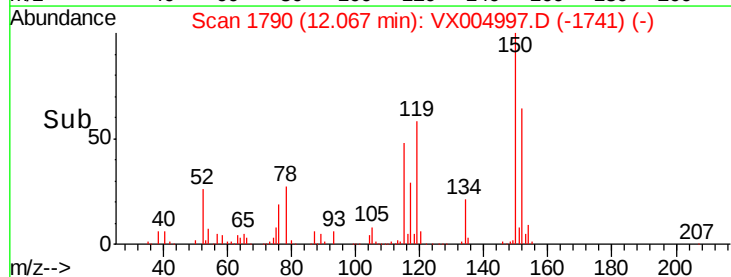
150000

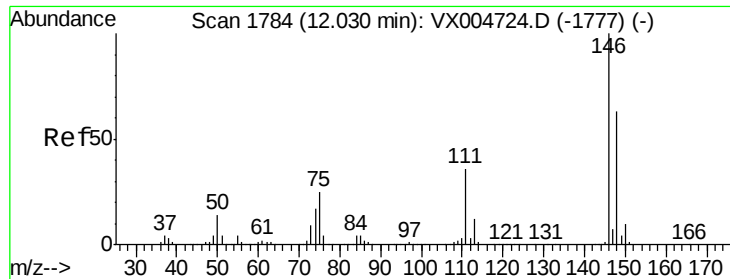
100000

50000

0

Time-->

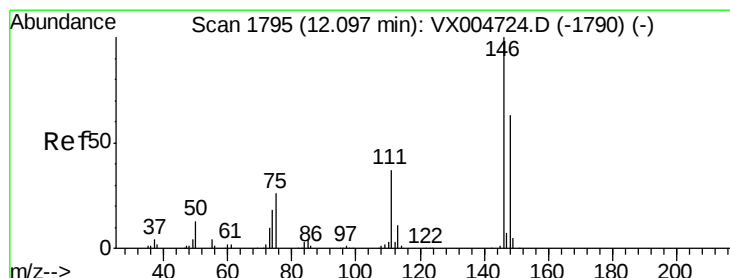
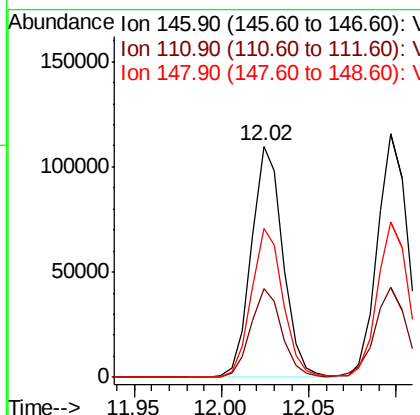
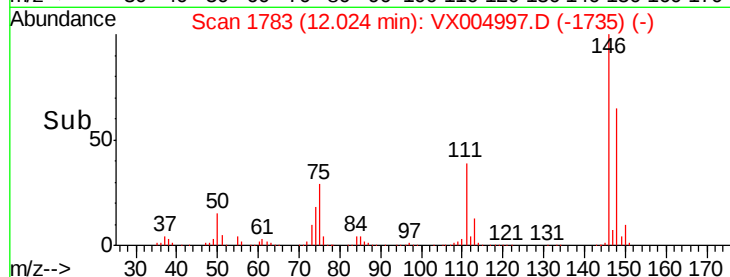
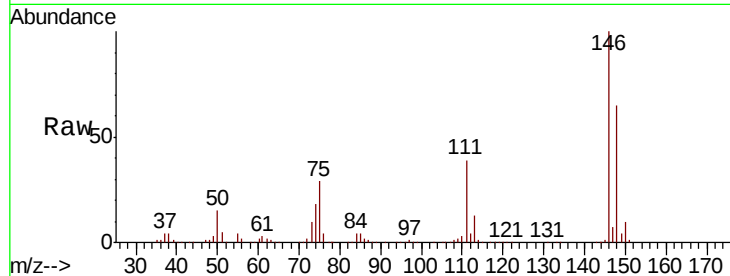




#87
 1,3-Dichlorobenzene
 Concen: 19.129 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

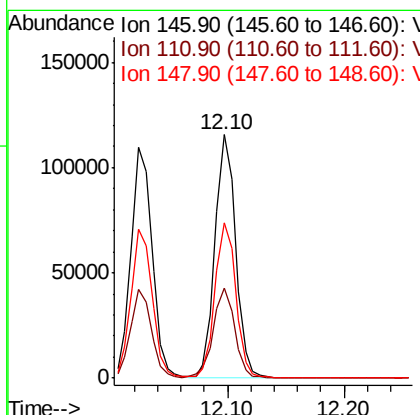
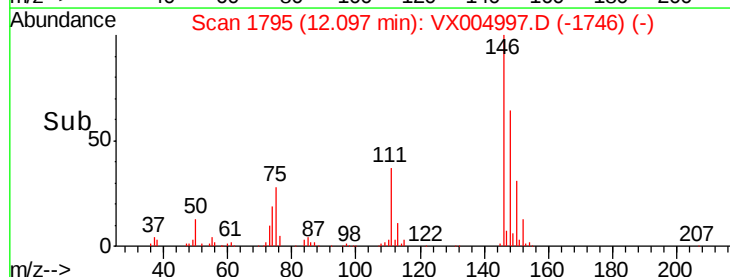
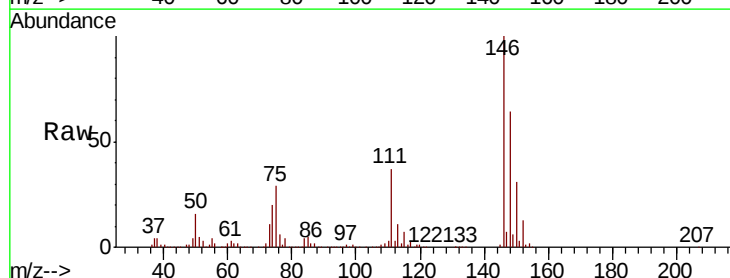
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS02

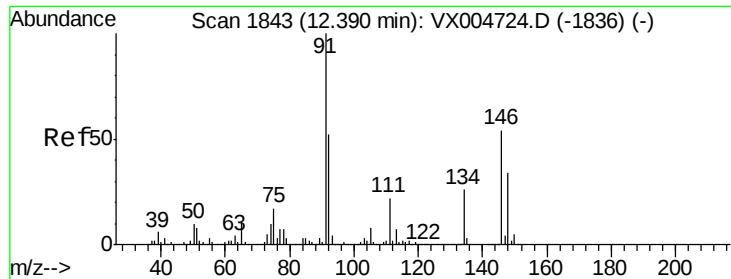
Tot Ion:146 Resp: 137976
 Ion Ratio Lower Upper
 146 100
 111 38.0 18.9 56.9
 148 64.5 31.8 95.3



#88
 1,4-Dichlorobenzene
 Concen: 18.948 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Tgt Ion:146 Resp: 141084
 Ion Ratio Lower Upper
 146 100
 111 38.3 18.4 55.2
 148 64.9 32.0 96.0

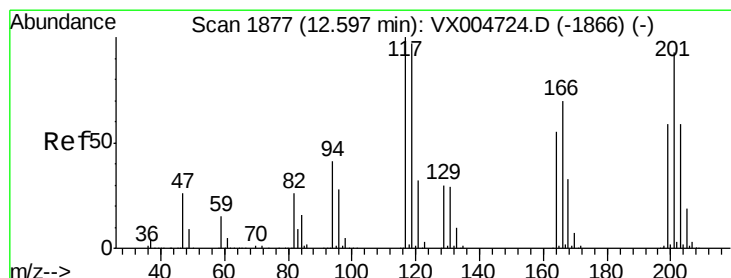
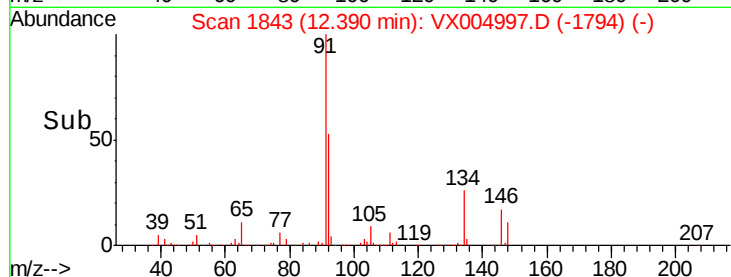
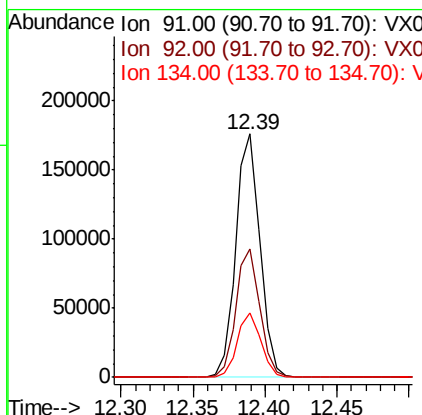
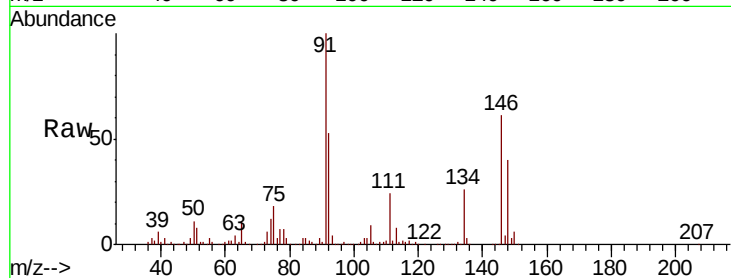




#89
n-Butylbenzene
Concen: 18.887 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

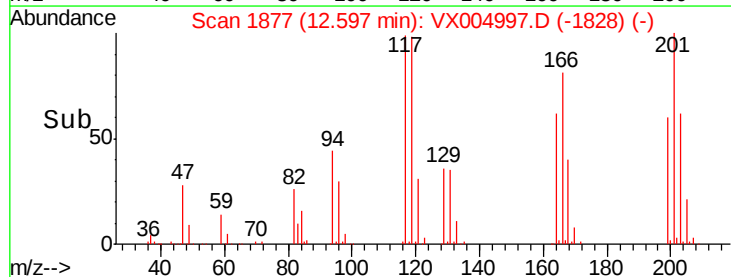
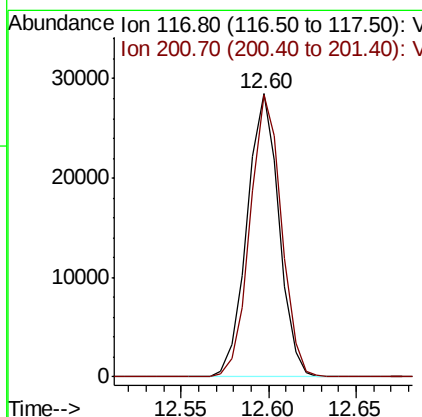
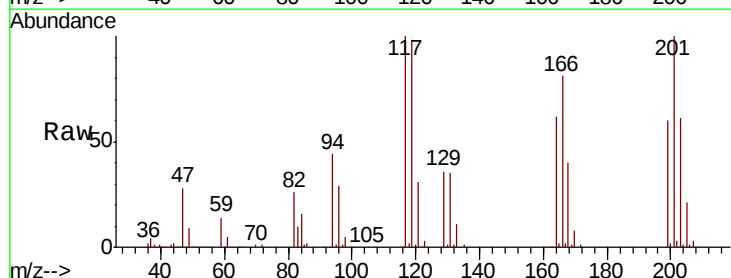
Instrument :
MSVOA_X
ClientSampleId :
VX1004WBS02

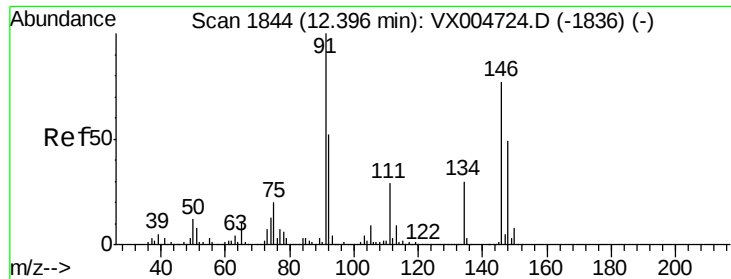
Tot Ion: 91 Resp: 207263
Ion Ratio Lower Upper
91 100
92 52.2 26.0 78.0
134 26.0 13.2 39.6



#90
Hexachloroethane
Concen: 17.921 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX004997.D
Acq: 04 Oct 2018 04:41

Tgt Ion: 117 Resp: 36054
Ion Ratio Lower Upper
117 100
201 97.7 48.4 145.0





#91

1,2-Dichlorobenzene

Concen: 18.514 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS02

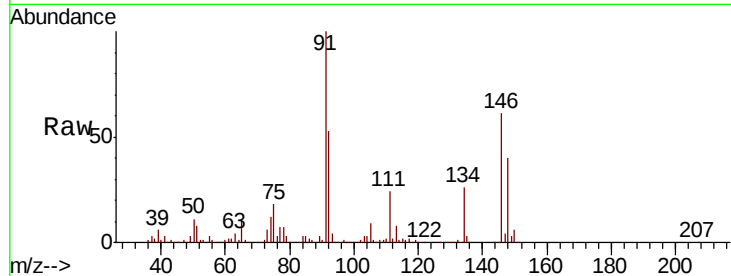
Tot Ion:146 Resp: 139561

Ion Ratio Lower Upper

146 100

111 39.6 19.6 58.7

148 64.7 31.8 95.4

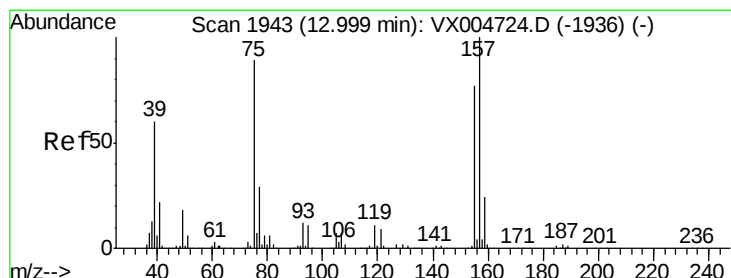
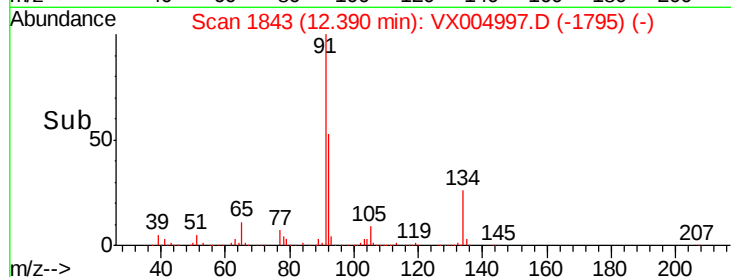
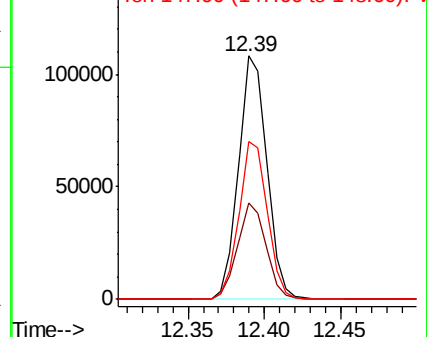


Abundance

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: 19.428 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

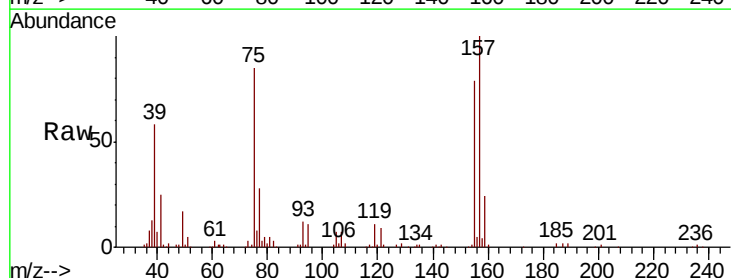
Tgt Ion: 75 Resp: 23094

Ion Ratio Lower Upper

75 100

155 93.6 46.1 138.3

157 120.2 60.2 180.6

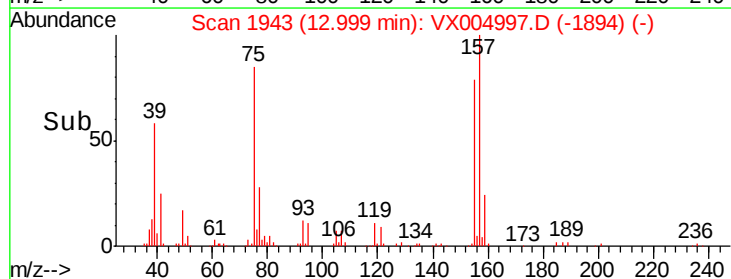
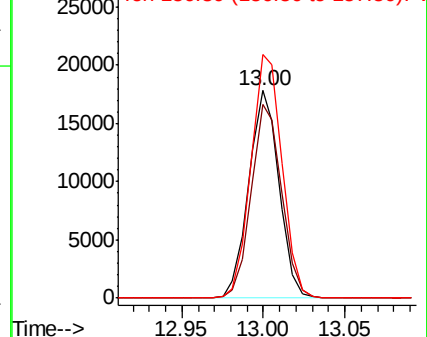


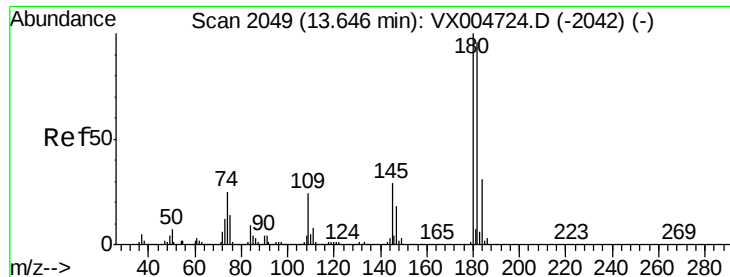
Abundance

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

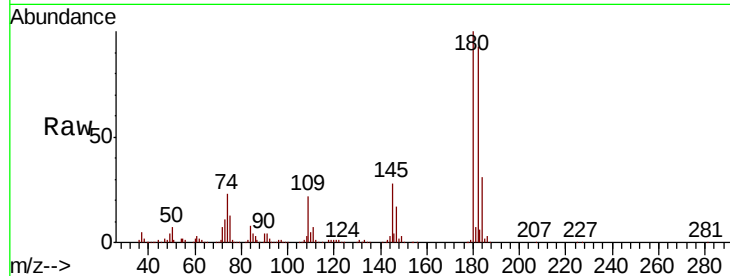




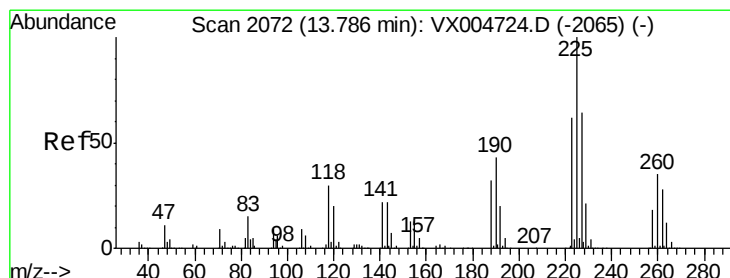
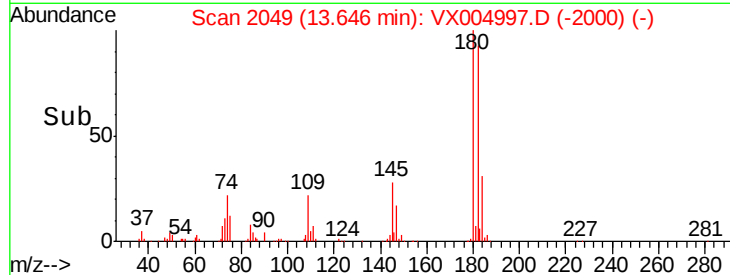
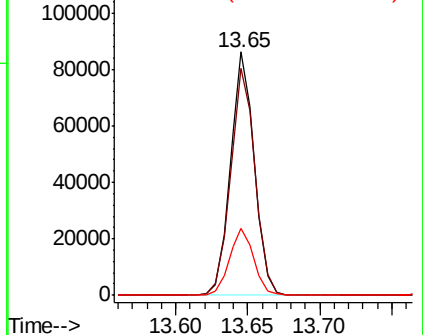
#93
 1,2,4-Trichlorobenzene
 Concen: 18.889 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1004WBS02

Tot Ion:180 Resp: 99879
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.8 143.4
 145 28.0 14.1 42.4

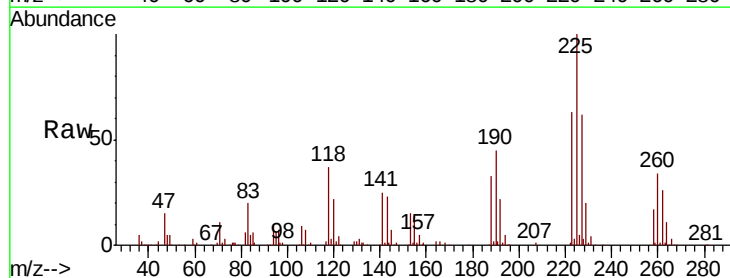


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

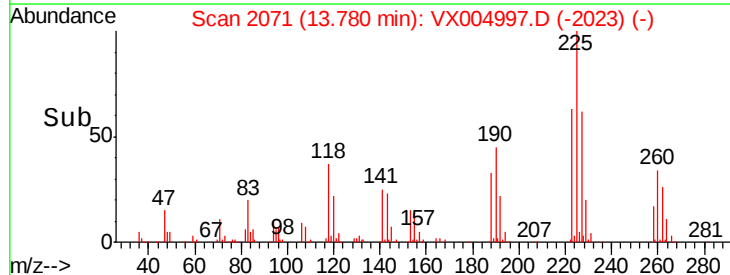
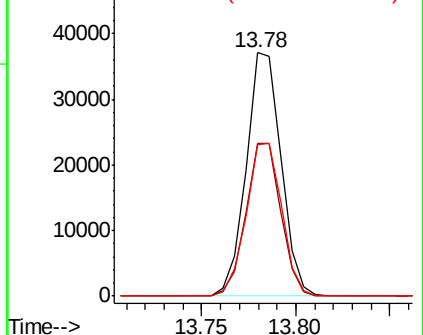


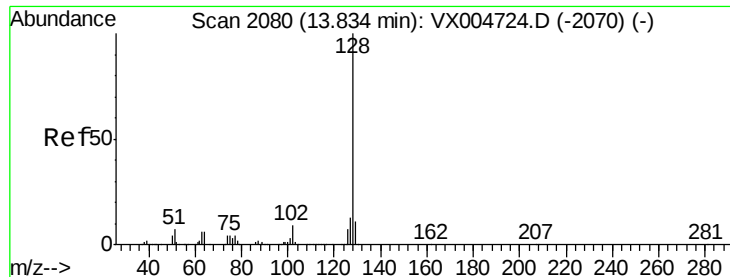
#94
 Hexachlorobutadiene
 Concen: 17.387 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX004997.D
 Acq: 04 Oct 2018 04:41

Tgt Ion:225 Resp: 47675
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.3 93.8
 227 64.1 31.9 95.5



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





#95

Naphthalene

Concen: 19.028 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

Instrument :

MSVOA_X

ClientSampleId :

VX1004WBS02

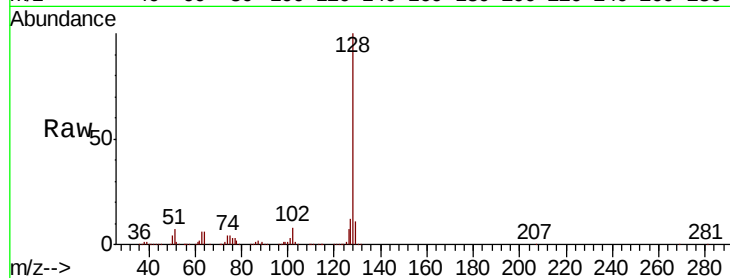
Tot Ion:128 Resp: 326015

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

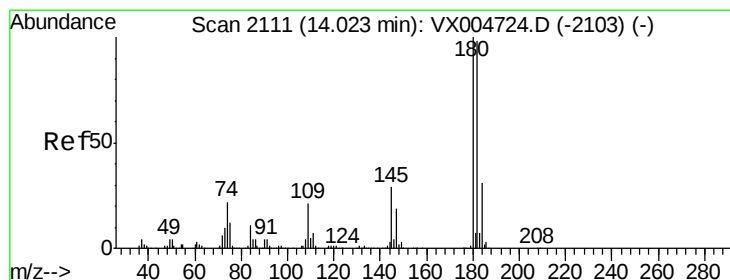
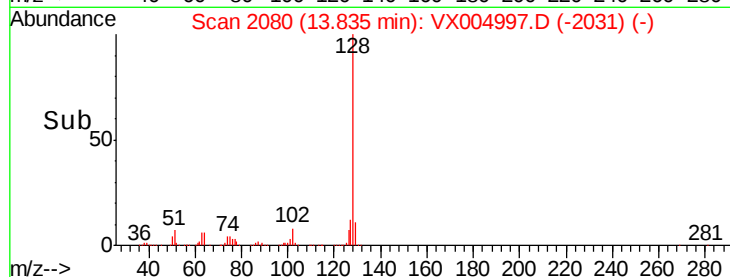
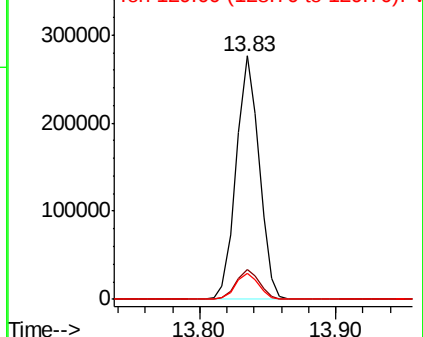
129 10.7 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.009 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX004997.D

Acq: 04 Oct 2018 04:41

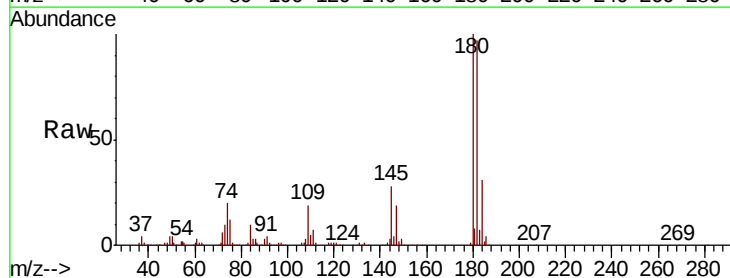
Tgt Ion:180 Resp: 103833

Ion Ratio Lower Upper

180 100

182 96.2 47.9 143.8

145 30.5 15.0 45.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

