

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100918\
 Data File : VX005160.D
 Acq On : 09 Oct 2018 15:48
 Operator : JC/MD
 Sample : VX1009WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Quant Time: Oct 10 05:52:31 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	199456	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	289757	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	276046	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	171050	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	143652	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
35) Dibromofluoromethane	5.50	113	114398	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
50) Toluene-d8	8.72	98	422755	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
62) 4-Bromofluorobenzene	11.14	95	157883	53.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.36%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	71399	26.254	ug/l	96
3) Chloromethane	1.32	50	80578	24.422	ug/l	98
4) Vinyl Chloride	1.40	62	78638	25.412	ug/l	98
5) Bromomethane	1.64	94	44506	24.253	ug/l	96
6) Chloroethane	1.72	64	44184	25.037	ug/l	97
7) Trichlorofluoromethane	1.93	101	99287	25.917	ug/l	95
8) Diethyl Ether	2.19	74	38103	22.894	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	54293	24.879	ug/l	99
10) Methyl Iodide	2.51	142	60242	20.629	ug/l	91
11) Tert butyl alcohol	3.08	59	94564	118.699	ug/l	99
12) 1,1-Dichloroethene	2.37	96	51783	23.961	ug/l	93
13) Acrolein	2.29	56	60533	106.792	ug/l	90
14) Allyl chloride	2.73	41	116748	24.758	ug/l	95
15) Acrylonitrile	3.15	53	211077	120.356	ug/l	96
16) Acetone	2.45	43	187521	112.731	ug/l	94
17) Carbon Disulfide	2.57	76	157706	24.285	ug/l	99
18) Methyl Acetate	2.78	43	106583	25.290	ug/l	95
19) Methyl tert-butyl Ether	3.20	73	186892	25.071	ug/l	96
20) Methylene Chloride	2.85	84	59725	24.262	ug/l	90
21) trans-1,2-Dichloroethene	3.16	96	55834	23.601	ug/l #	82
22) Diisopropyl ether	3.87	45	186173	23.446	ug/l	98
23) Vinyl Acetate	3.82	43	839802	115.542	ug/l	99
24) 1,1-Dichloroethane	3.70	63	112131	23.673	ug/l	99
25) 2-Butanone	4.71	43	271691	110.806	ug/l	97
26) 2,2-Dichloropropane	4.58	77	74638	22.629	ug/l	97
27) cis-1,2-Dichloroethene	4.59	96	58254	22.042	ug/l	93
28) Bromochloromethane	5.02	49	43533	19.517	ug/l	98
29) Tetrahydrofuran	5.16	42	177108	116.214	ug/l	98
30) Chloroform	5.21	83	101073	22.578	ug/l	97
31) Cyclohexane	5.57	56	91338	25.195	ug/l	86
32) 1,1,1-Trichloroethane	5.49	97	86994	23.796	ug/l	95
36) 1,1-Dichloropropene	5.80	75	74302	22.176	ug/l	96
37) Ethyl Acetate	4.86	43	98758	22.205	ug/l	98
38) Carbon Tetrachloride	5.78	117	76685	21.773	ug/l	95

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	83919	24.529	ug/l #	84
40) Benzene	6.14	78	231465	22.066	ug/l	97
41) Methacrylonitrile	5.06	41	53028	21.499	ug/l	96
42) 1,2-Dichloroethane	6.20	62	83686	22.568	ug/l	97
43) Isopropyl Acetate	6.46	43	144622	22.529	ug/l	98
44) Trichloroethene	7.21	130	61021	23.664	ug/l	92
45) 1,2-Dichloropropane	7.52	63	58904	22.899	ug/l	99
46) Dibromomethane	7.66	93	39535	24.455	ug/l	98
47) Bromodichloromethane	7.90	83	73426	24.259	ug/l	98
48) Methyl methacrylate	7.78	41	73602	25.261	ug/l	99
49) 1,4-Dioxane	7.76	88	32868	454.068	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	509638	126.089	ug/l	99
52) Toluene	8.79	92	141299	24.515	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	79277	23.178	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	88162	24.609	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	58397	23.130	ug/l	94
56) Ethyl methacrylate	9.18	69	84894	22.397	ug/l	99
57) 1,3-Dichloropropane	9.37	76	97265	23.147	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	211207	105.799	ug/l	99
59) 2-Hexanone	9.50	43	397254	117.944	ug/l	95
60) Dibromochloromethane	9.59	129	57853	22.913	ug/l	100
61) 1,2-Dibromoethane	9.68	107	59993	22.188	ug/l	94
64) Tetrachloroethene	9.34	164	61341	22.578	ug/l	95
65) Chlorobenzene	10.14	112	156708	22.138	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	56715	22.791	ug/l	98
67) Ethyl Benzene	10.26	91	259986	23.134	ug/l	96
68) m/p-Xylenes	10.36	106	205867	46.878	ug/l	96
69) o-Xylene	10.70	106	97814	24.250	ug/l	99
70) Styrene	10.71	104	163921	22.939	ug/l	99
71) Bromoform	10.86	173	46522	21.836	ug/l	93
73) Isopropylbenzene	11.02	105	268759	24.928	ug/l	100
74) N-amyl acetate	10.90	43	123903	21.925	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	92976	21.185	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	107689	28.089	ug/l	85
77) Bromobenzene	11.26	156	71917	22.965	ug/l	98
78) n-propylbenzene	11.36	91	306269	24.758	ug/l	100
79) 2-Chlorotoluene	11.42	91	186232	24.152	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	228416	23.008	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	25351	19.305	ug/l	97
82) 4-Chlorotoluene	11.51	91	218173	24.039	ug/l	99
83) tert-Butylbenzene	11.77	119	221050	24.902	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	232425	22.700	ug/l	99
85) sec-Butylbenzene	11.94	105	268996	24.879	ug/l	100
86) p-Isopropyltoluene	12.07	119	241305	24.633	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	131515	22.491	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	134115	22.218	ug/l	99
89) n-Butylbenzene	12.39	91	207010	23.269	ug/l	100
90) Hexachloroethane	12.60	117	37763	23.153	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	132538	21.689	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22142	22.977	ug/l	97

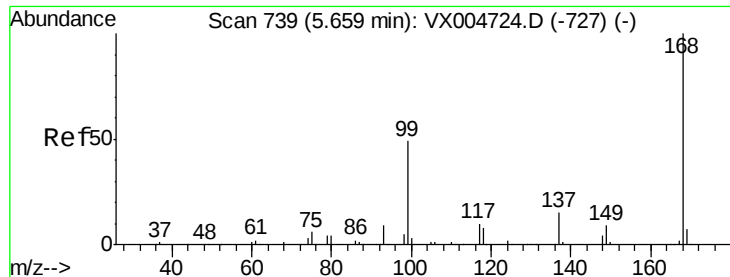
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX100918\
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Quant Title : SW846 8260
QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	97051	22.640	ug/l	99
94) Hexachlorobutadiene	13.78	225	50869	22.884	ug/l	100
95) Naphthalene	13.83	128	297484	21.327	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	101055	22.821	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: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

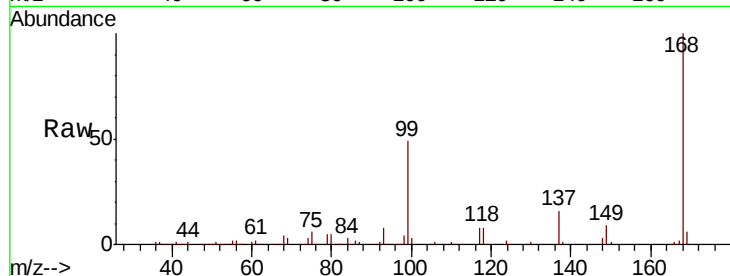
VX1009WBS01

Tot Ion:168 Resp: 199456

Ion Ratio Lower Upper

168 100

99 49.4 39.3 58.9

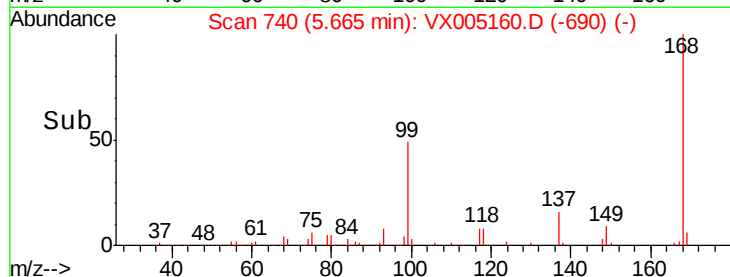


Abundance Ion 167.90 (167.60 to 168.60): VX004724.D (-727) (-)

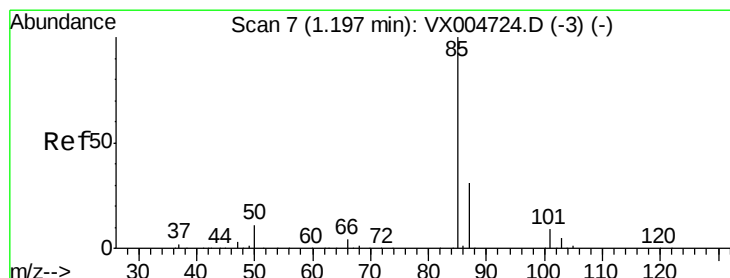
Ion 98.90 (98.60 to 99.60): VX004724.D (-727) (-)

5.67

Time-->



Time-->



#2

Dichlorodifluoromethane

Concen: 26.254 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX005160.D

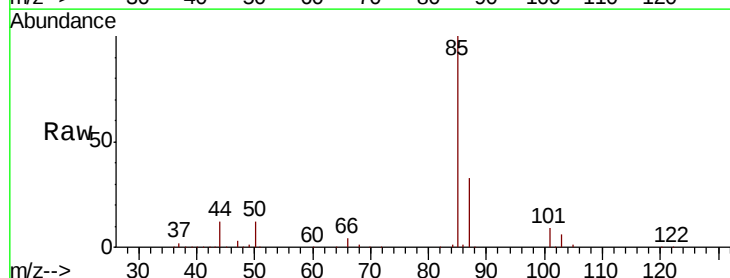
Acq: 09 Oct 2018 15:48

Tgt Ion: 85 Resp: 71399

Ion Ratio Lower Upper

85 100

87 33.4 15.7 47.1

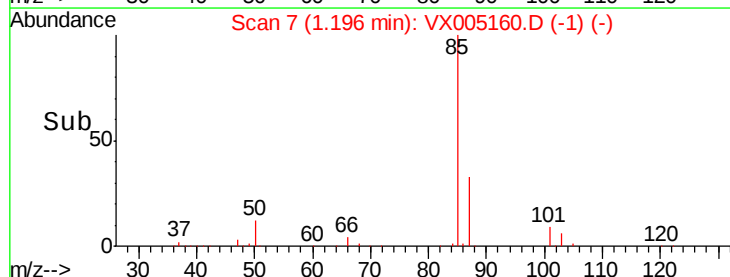


Abundance Ion 84.90 (84.60 to 85.60): VX004724.D (-3) (-)

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

1.20

Time-->



Time-->



#3

Chloromethane

Concen: 24.422 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

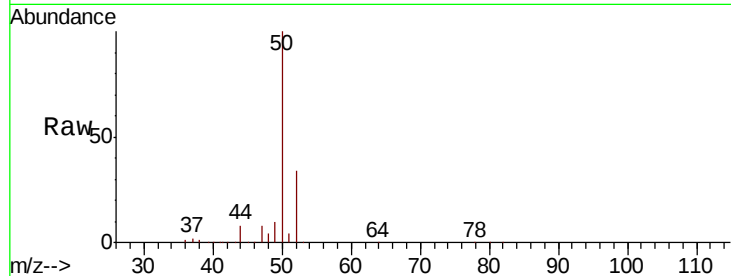
VX1009WBS01

Tot Ion: 50 Resp: 80578

Ion Ratio Lower Upper

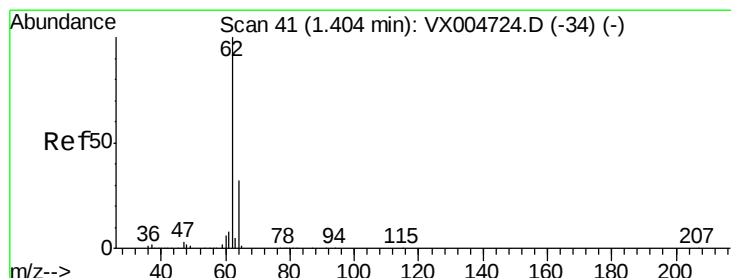
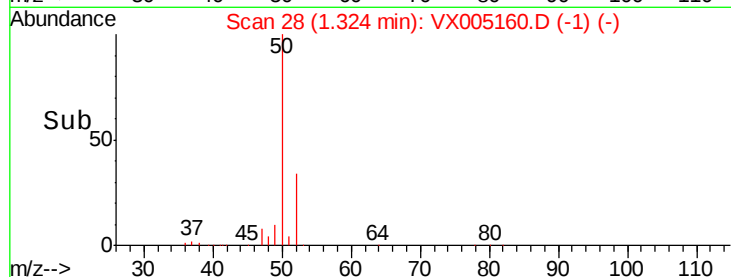
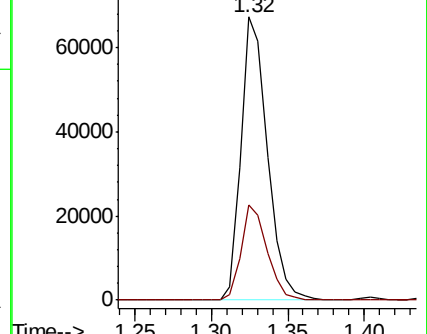
50 100

52 33.5 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: 25.412 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX005160.D

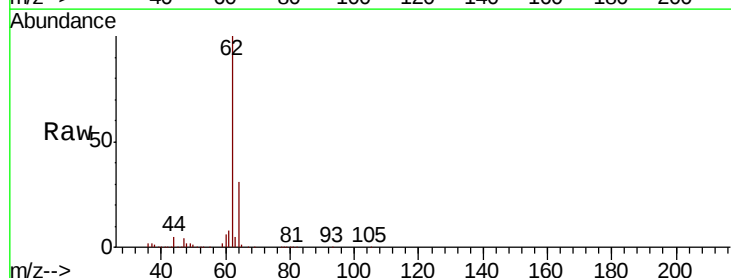
Acq: 09 Oct 2018 15:48

Tgt Ion: 62 Resp: 78638

Ion Ratio Lower Upper

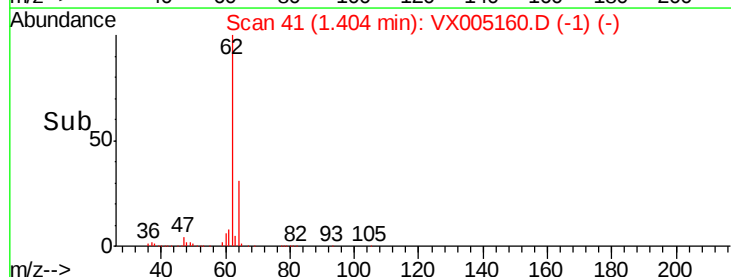
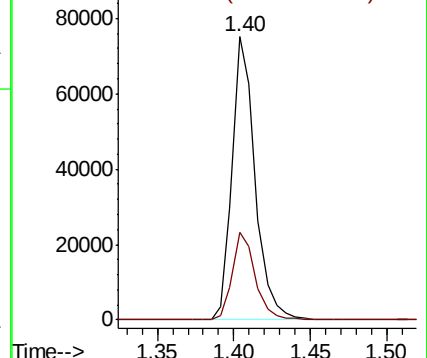
62 100

64 31.0 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: 24.253 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampled :

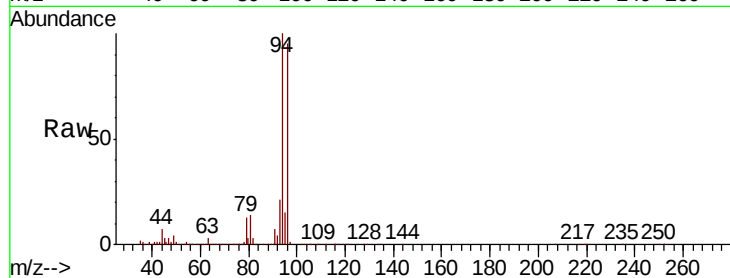
VX1009WBS01

Tot Ion: 94 Resp: 44506

Ion Ratio Lower Upper

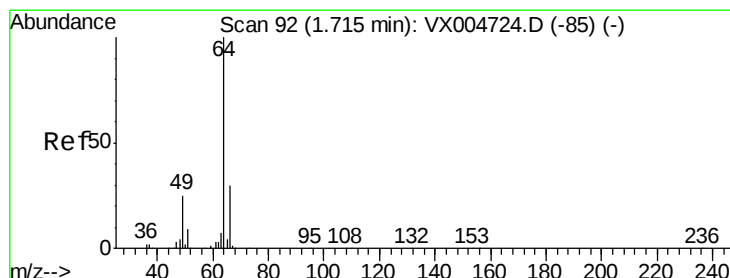
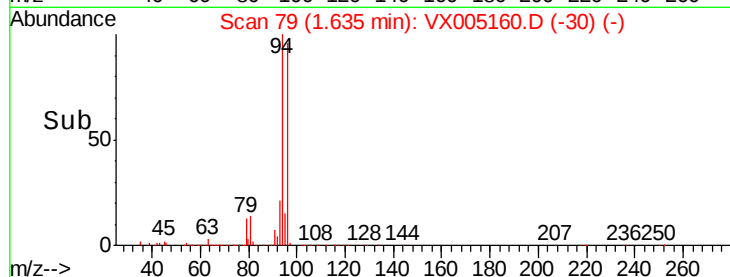
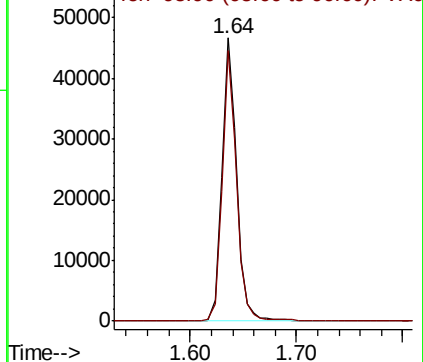
94 100

96 95.5 79.5 119.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 25.037 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX005160.D

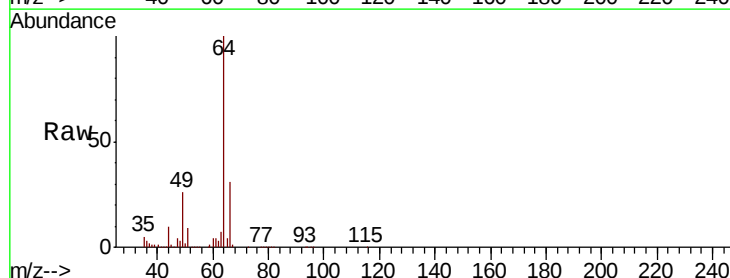
Acq: 09 Oct 2018 15:48

Tgt Ion: 64 Resp: 44184

Ion Ratio Lower Upper

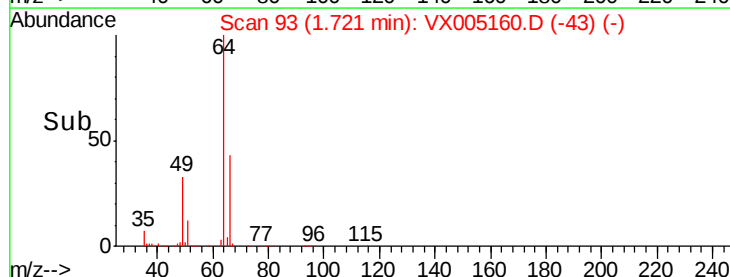
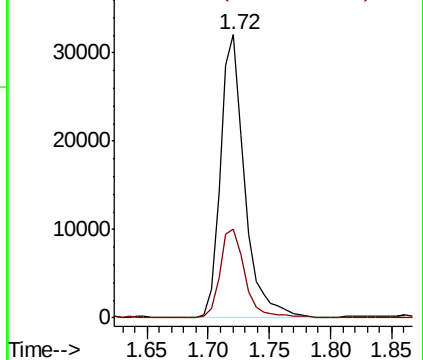
64 100

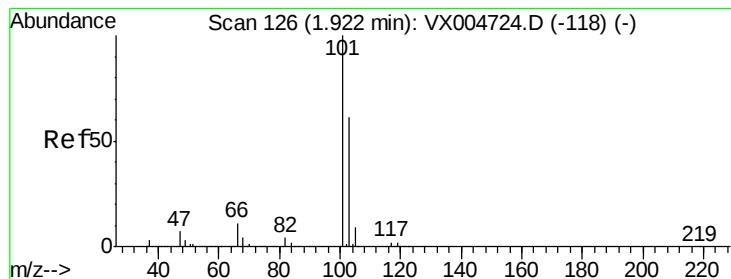
66 31.5 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



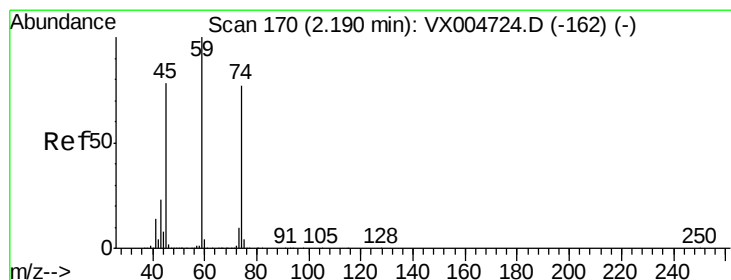
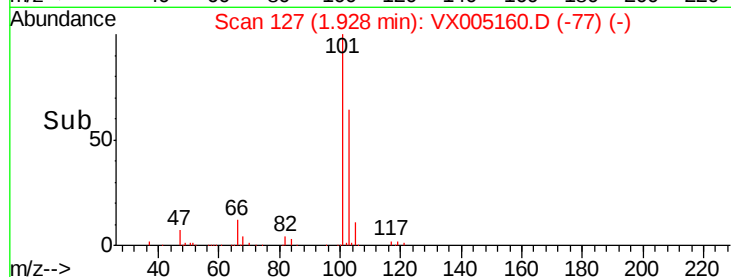
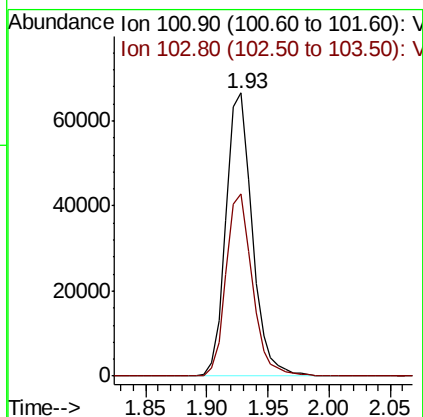
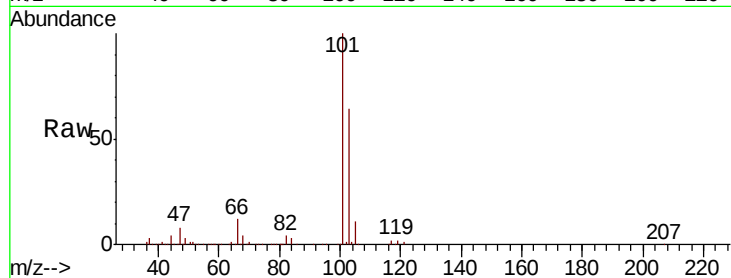


#7

Trichlorofluoromethane
 Concen: 25.917 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Instrument :
 MSVOA_X
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 VX1009WBS01

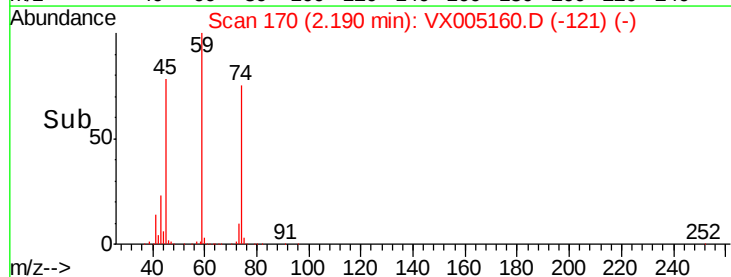
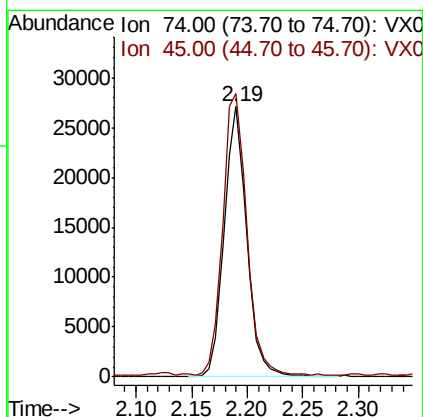
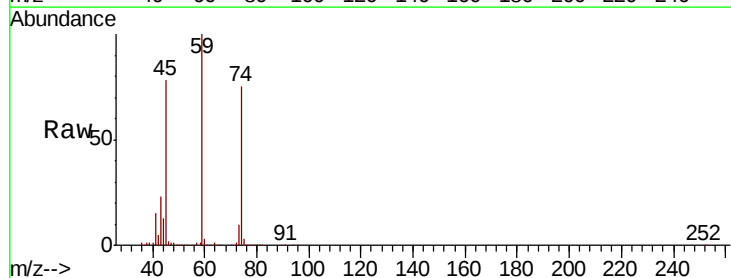
Tot Ion:101 Resp: 99287
 Ion Ratio Lower Upper
 101 100
 103 64.2 48.4 72.6

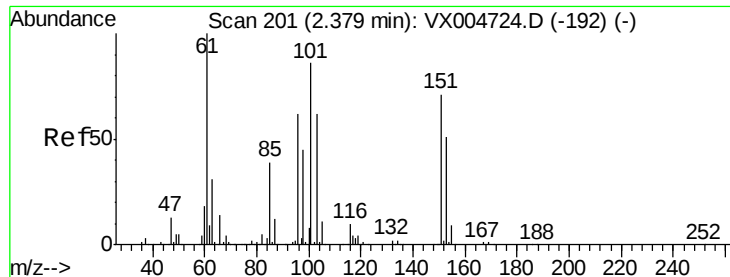


#8

Diethyl Ether
 Concen: 22.894 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Tgt Ion: 74 Resp: 38103
 Ion Ratio Lower Upper
 74 100
 45 111.3 52.5 157.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 24.879 ug/l

RT: 2.38 min Scan# 201

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

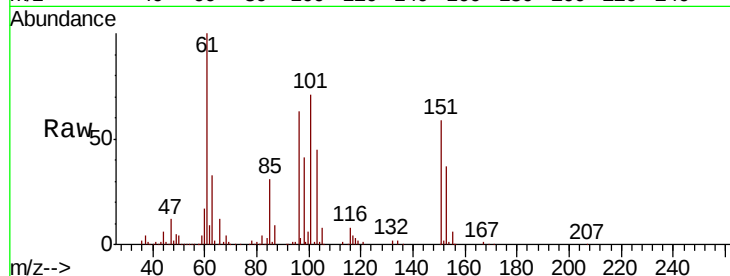
Tot Ion:101 Resp: 54293

Ion Ratio Lower Upper

101 100

85 44.0 35.9 53.9

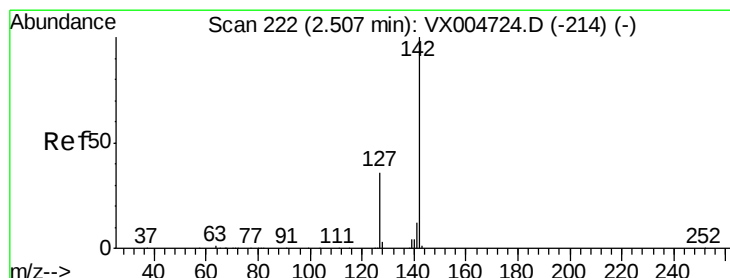
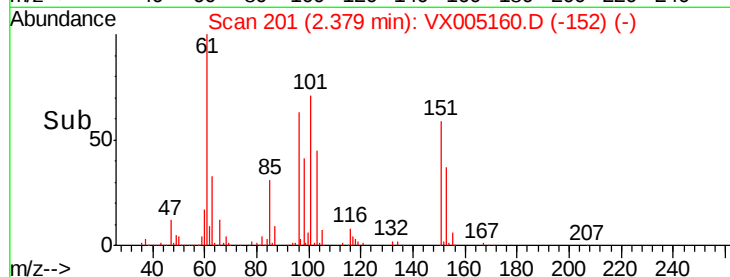
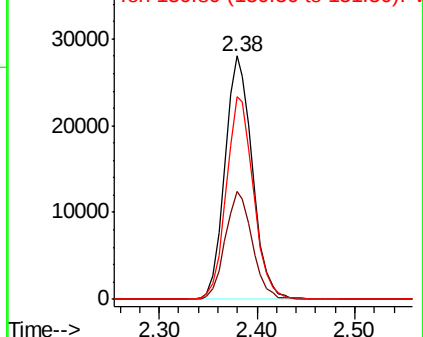
151 82.8 66.6 100.0



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: 20.629 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

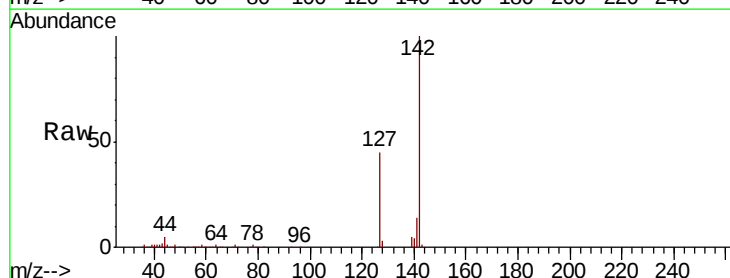
Tgt Ion:142 Resp: 60242

Ion Ratio Lower Upper

142 100

127 44.1 30.1 45.1

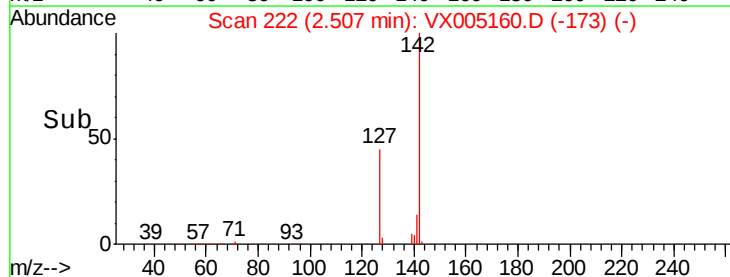
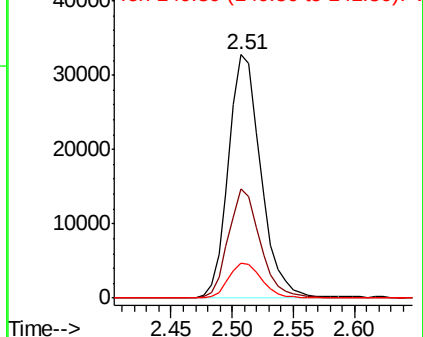
141 14.7 10.1 15.1

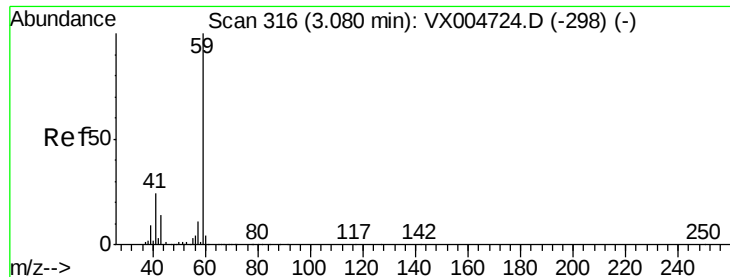


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



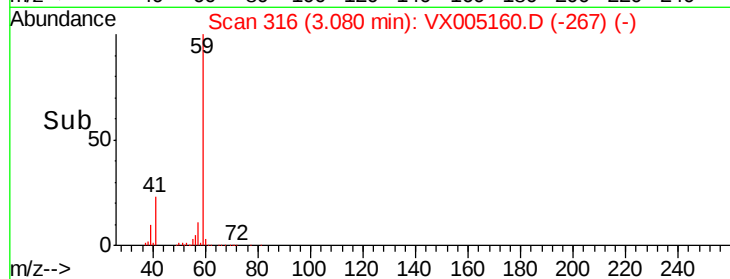
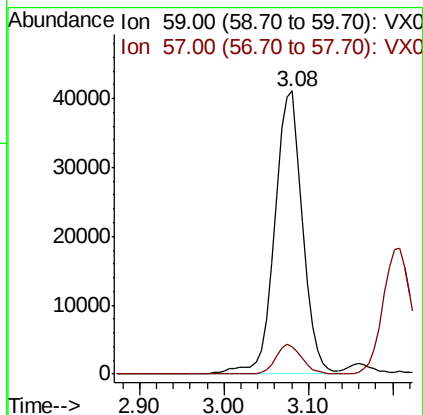
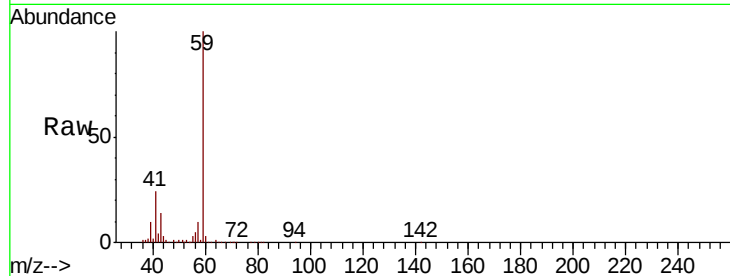


#11

Tert butyl alcohol
 Concen: 118.699 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. -0.00 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Instrument :
 MSVOA_X
 ClientSampled :
 VX1009WBS01

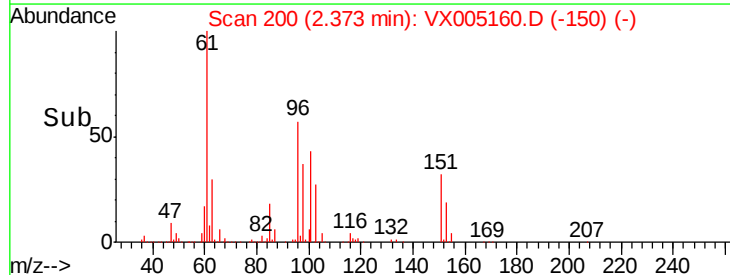
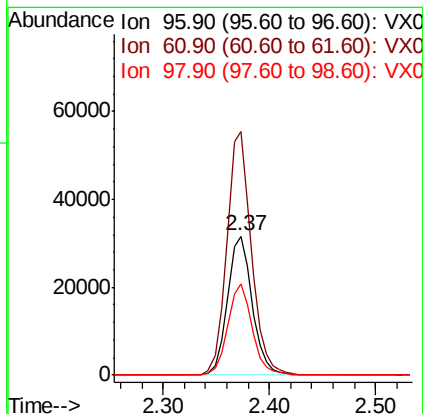
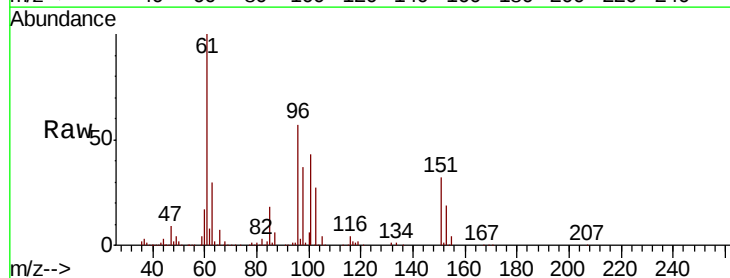
Tot Ion: 59 Resp: 94564
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.6 12.8



#12

1,1-Dichloroethene
 Concen: 23.961 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Tgt Ion: 96 Resp: 51783
 Ion Ratio Lower Upper
 96 100
 61 175.3 130.2 195.4
 98 65.7 53.4 80.0





#13

Acrolein

Concen: 106.792 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

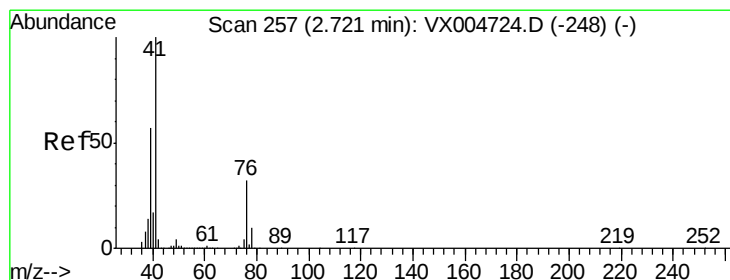
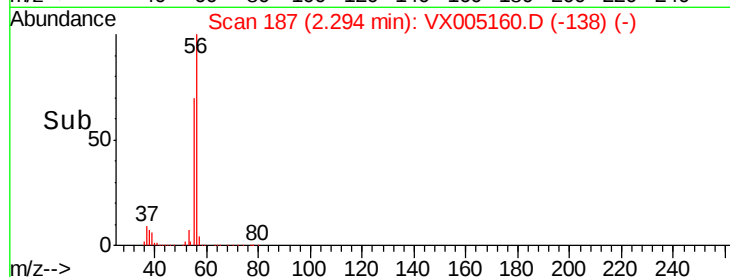
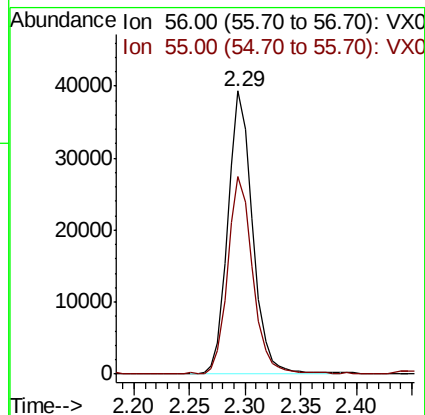
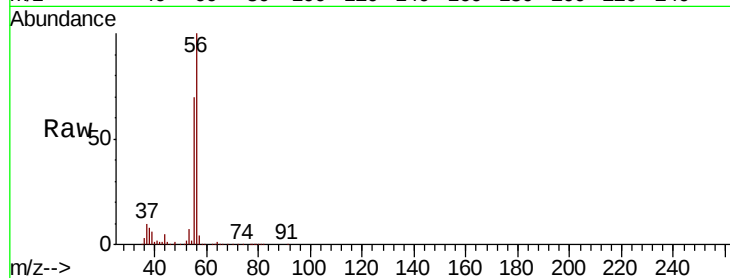
VX1009WBS01

Tot Ion: 56 Resp: 60533

Ion Ratio Lower Upper

56 100

55 70.4 63.4 95.2



#14

Allyl chloride

Concen: 24.758 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

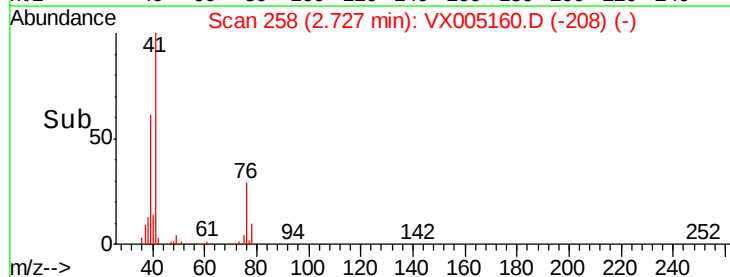
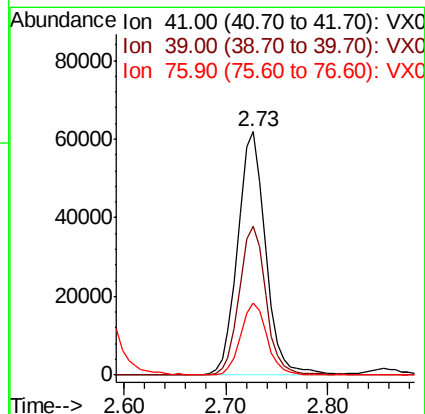
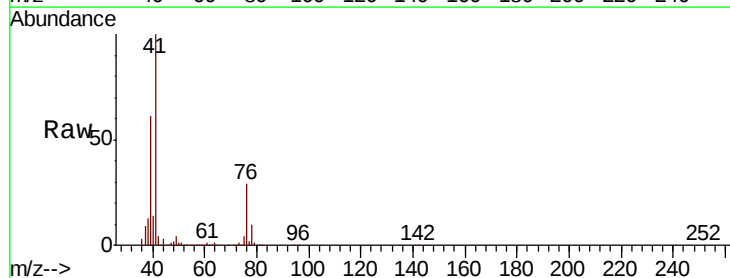
Tgt Ion: 41 Resp: 116748

Ion Ratio Lower Upper

41 100

39 58.3 44.1 66.1

76 28.1 25.0 37.4





#15

Acrylonitrile

Concen: 120.356 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampled :

VX1009WBS01

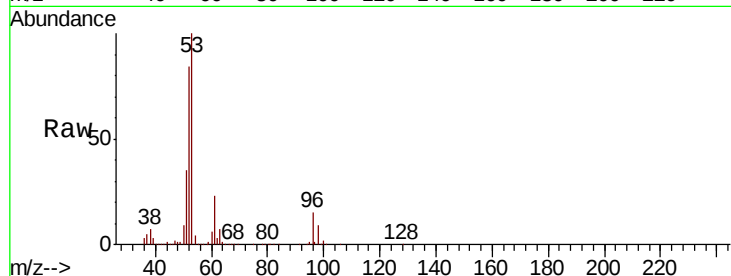
Tot Ion: 53 Resp: 211077

Ion Ratio Lower Upper

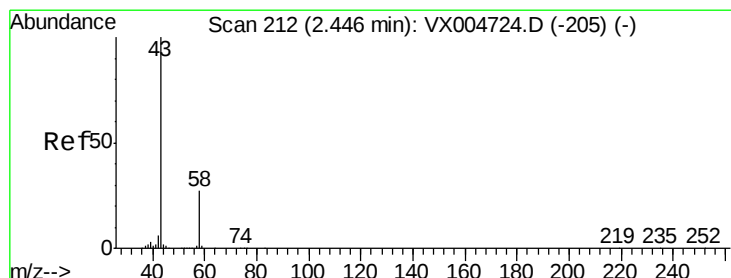
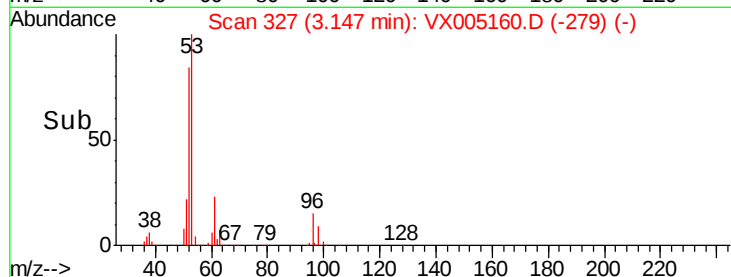
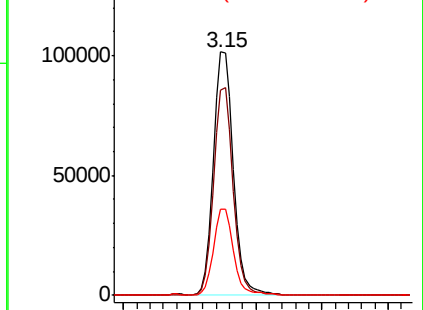
53 100

52 83.1 63.0 94.4

51 35.3 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: 112.731 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX005160.D

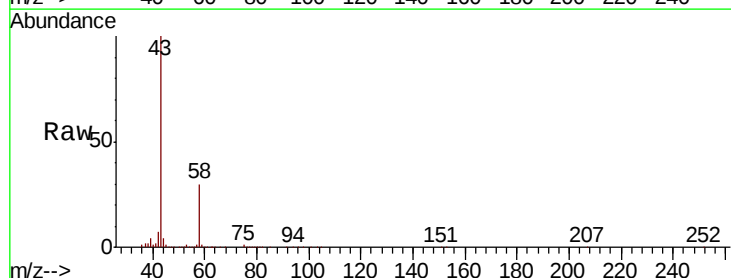
Acq: 09 Oct 2018 15:48

Tgt Ion: 43 Resp: 187521

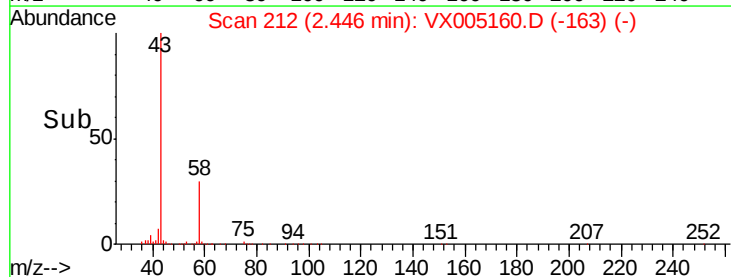
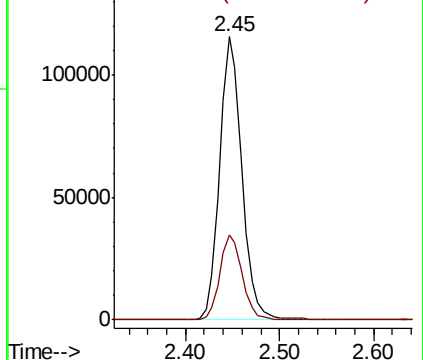
Ion Ratio Lower Upper

43 100

58 30.1 21.8 32.6



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

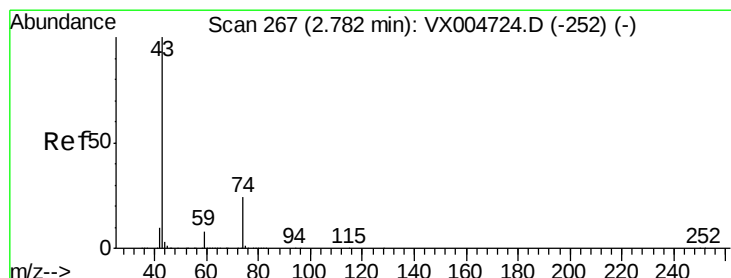
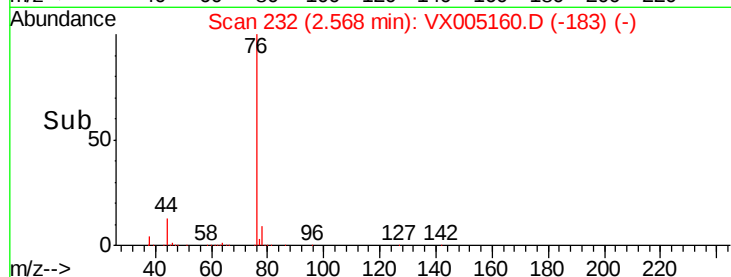
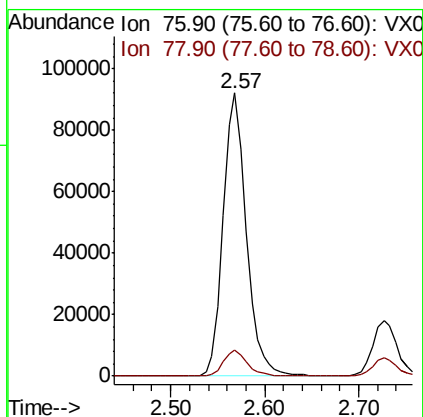
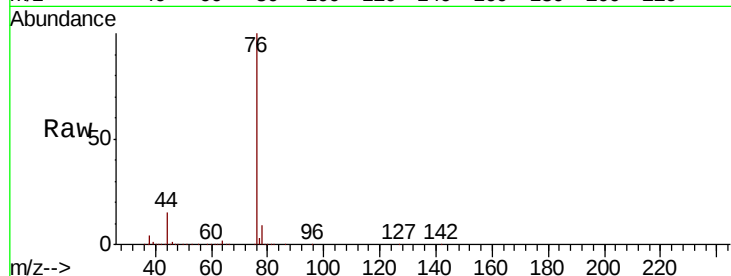




#17
Carbon Disulfide
Concen: 24.285 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

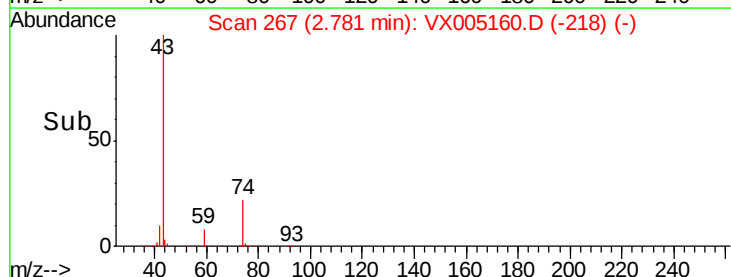
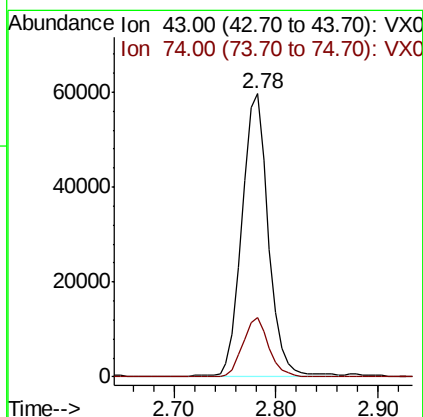
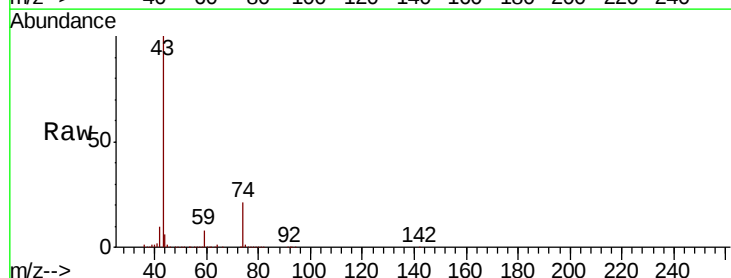
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

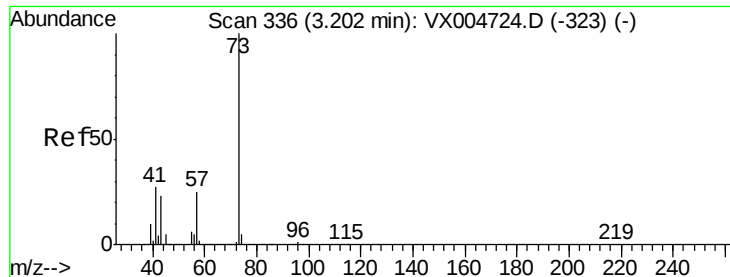
Tot Ion: 76 Resp: 157706
Ion Ratio Lower Upper
76 100
78 9.1 7.0 10.6



#18
Methyl Acetate
Concen: 25.290 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion: 43 Resp: 106583
Ion Ratio Lower Upper
43 100
74 20.0 17.8 26.8



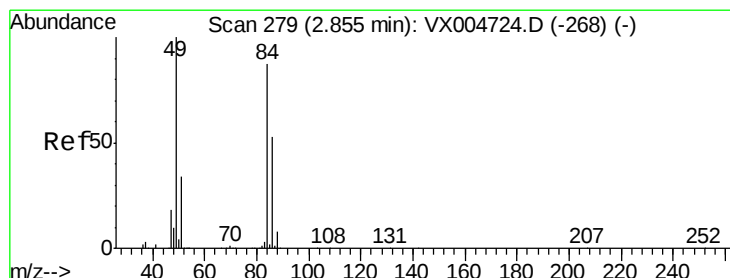
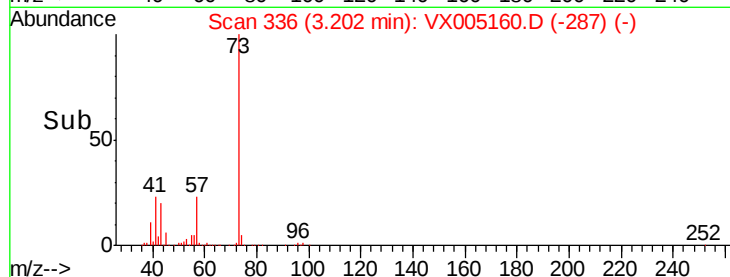
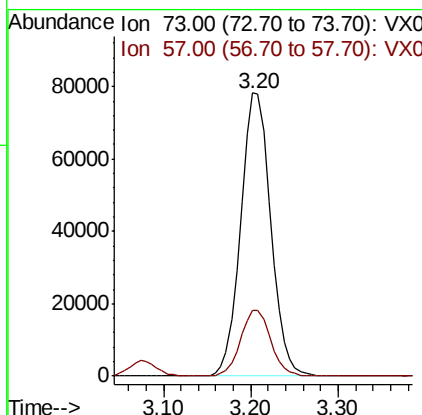
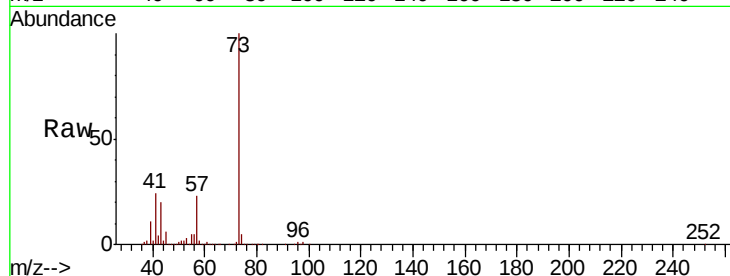


#19

Methyl tert-butyl Ether
 Concen: 25.071 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

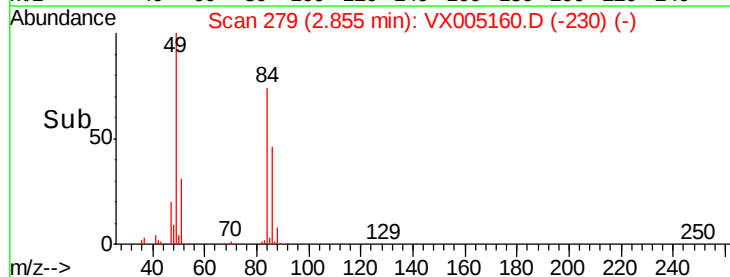
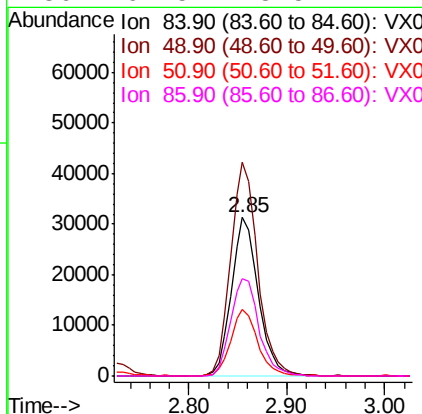
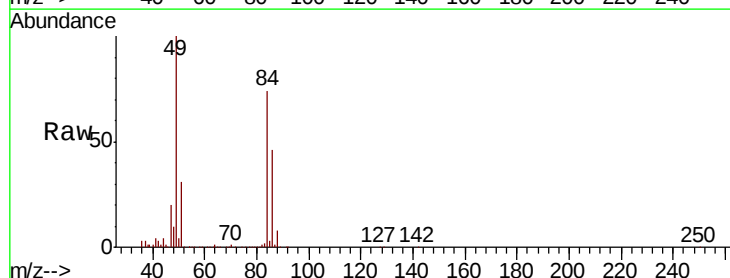
Tot Ion: 73 Resp: 186892
 Ion Ratio Lower Upper
 73 100
 57 23.0 19.9 29.9

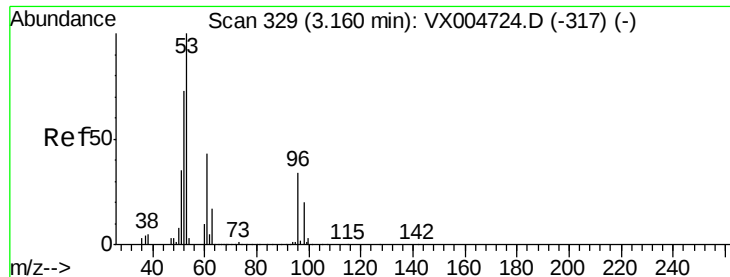


#20

Methylene Chloride
 Concen: 24.262 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. -0.00 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Tgt Ion: 84 Resp: 59725
 Ion Ratio Lower Upper
 84 100
 49 134.4 92.3 138.5
 51 41.7 31.8 47.6
 86 61.5 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 23.601 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

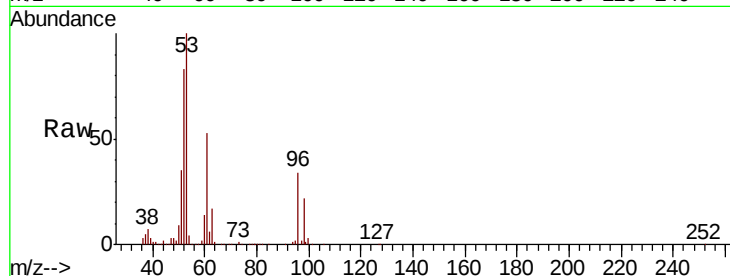
Tot Ion: 96 Resp: 55834

Ion Ratio Lower Upper

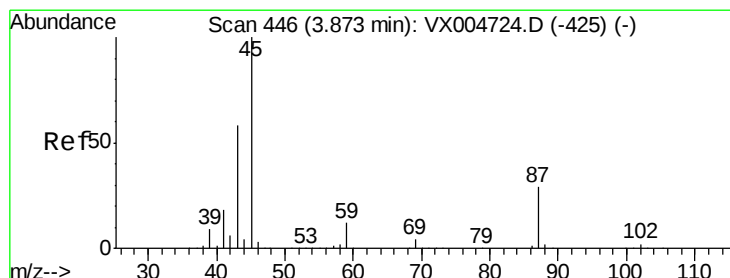
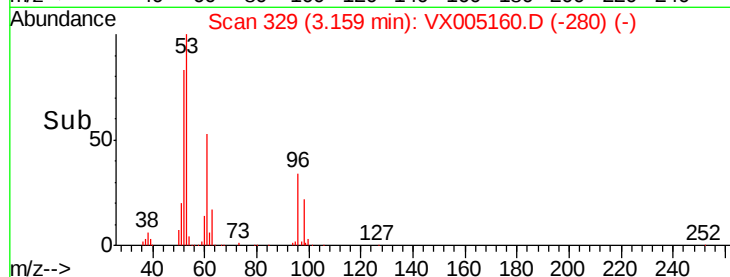
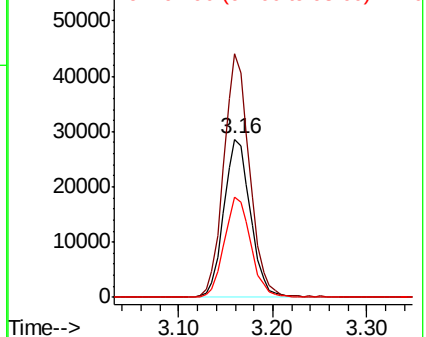
96 100

61 153.7 101.0 151.6#

98 63.7 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: 23.446 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Tgt Ion: 45 Resp: 186173

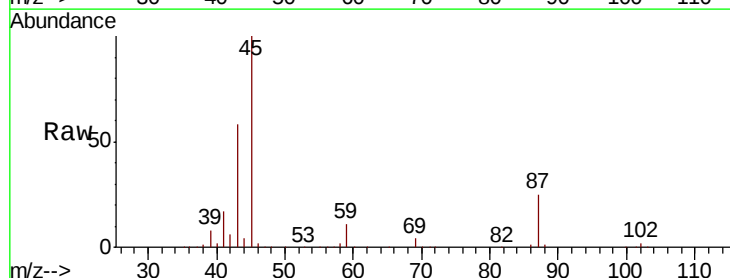
Ion Ratio Lower Upper

45 100

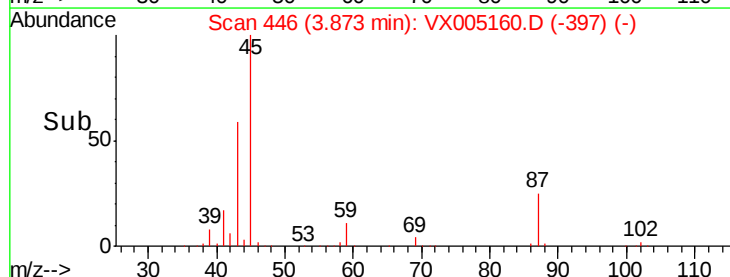
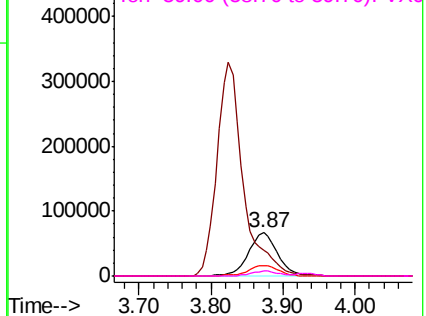
43 58.1 46.7 70.1

87 24.8 22.9 34.3

59 11.1 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

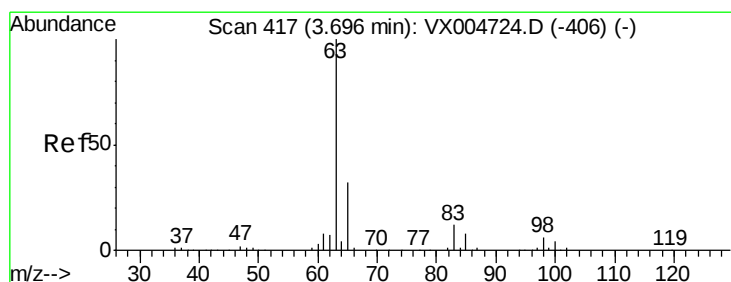
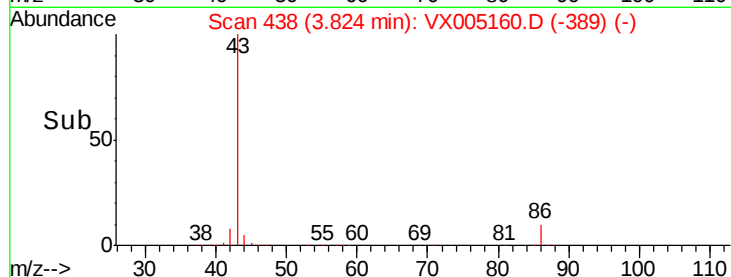
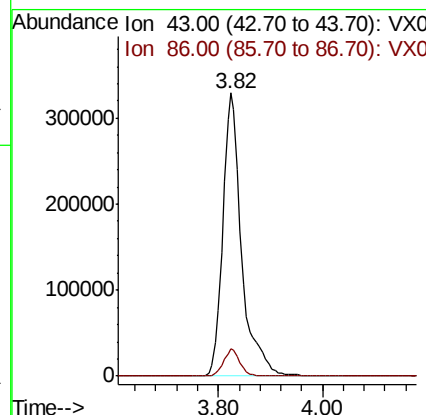
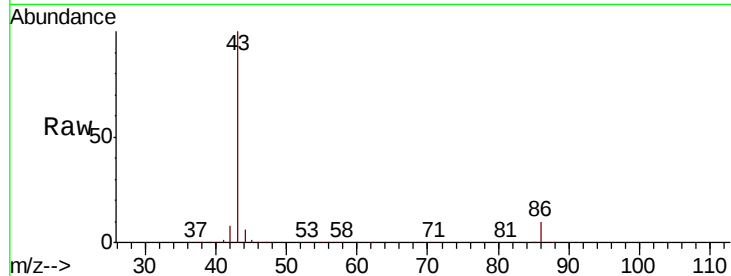




#23
 Vinyl Acetate
 Concen: 115.542 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. -0.00 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

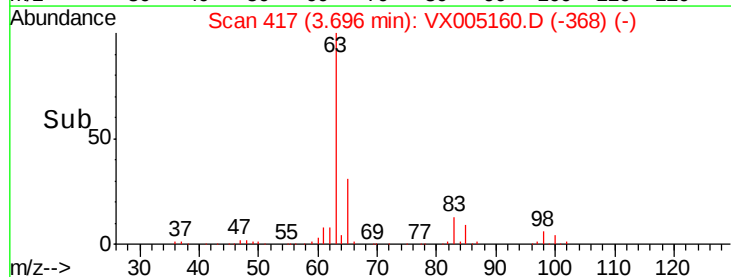
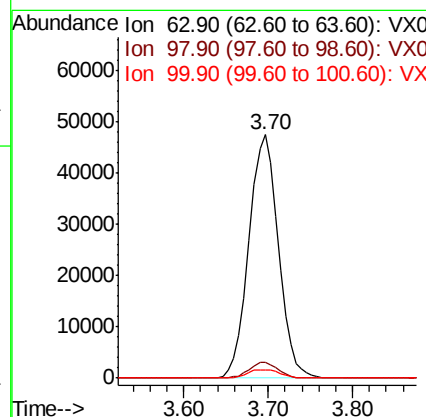
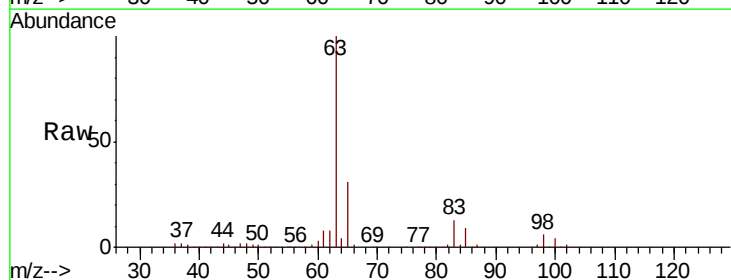
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

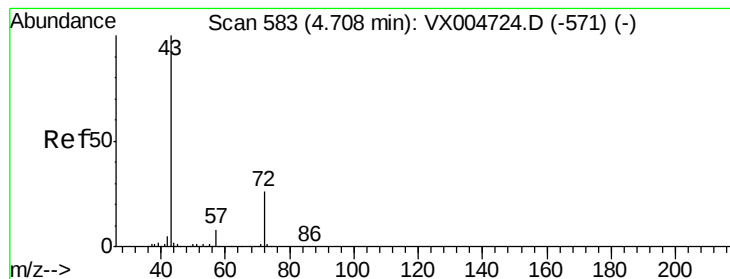
Tot Ion: 43 Resp: 839802
 Ion Ratio Lower Upper
 43 100
 86 9.7 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 23.673 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. -0.00 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Tgt Ion: 63 Resp: 112131
 Ion Ratio Lower Upper
 63 100
 98 6.5 3.0 9.2
 100 3.5 2.0 5.8





#25

2-Butanone

Concen: 110.806 ug/l

RT: 4.71 min Scan# 583

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

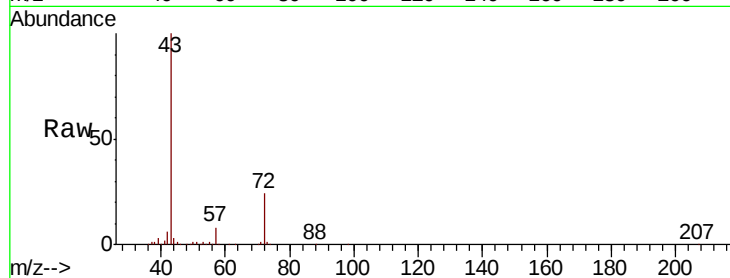
VX1009WBS01

Tot Ion: 43 Resp: 271691

Ion Ratio Lower Upper

43 100

72 24.4 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-571) (-)

Ion 72.00 (71.70 to 72.70): VX004724.D (-571) (-)

4.71

100000

80000

60000

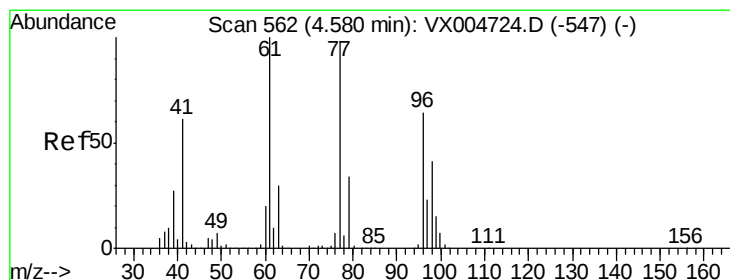
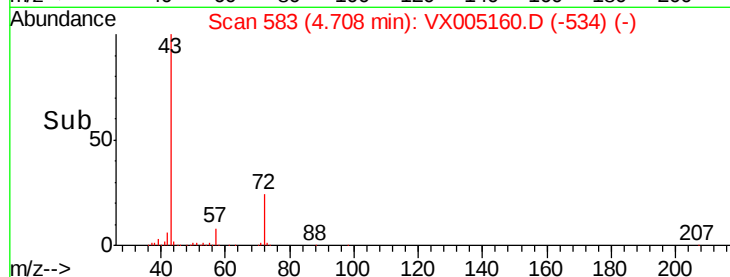
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 22.629 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.00 min

Lab File: VX005160.D

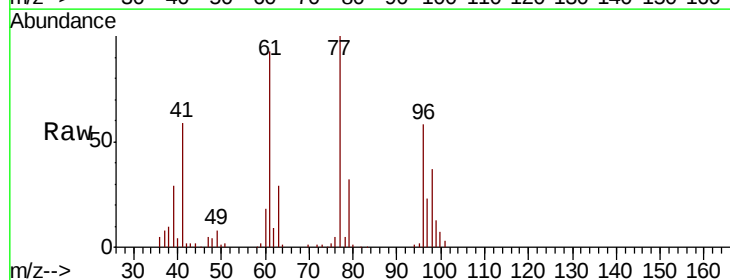
Acq: 09 Oct 2018 15:48

Tgt Ion: 77 Resp: 74638

Ion Ratio Lower Upper

77 100

97 23.8 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX004724.D (-547) (-)

Ion 96.90 (96.60 to 97.60): VX004724.D (-547) (-)

4.58

25000

20000

15000

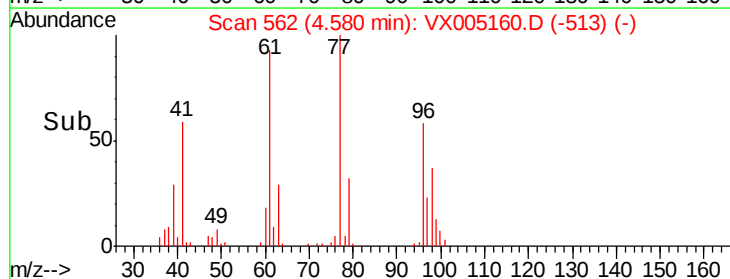
10000

5000

0

4.50 4.60 4.70

Time-->



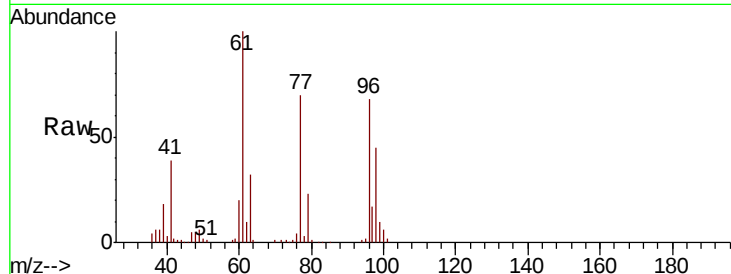


#27

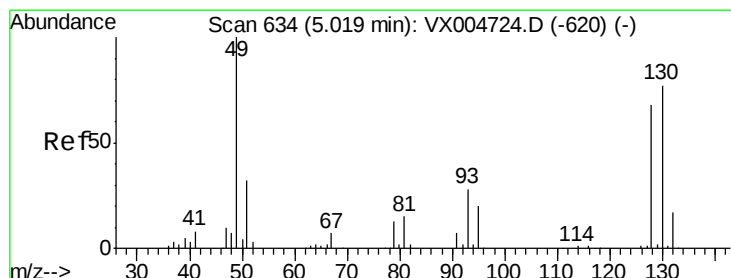
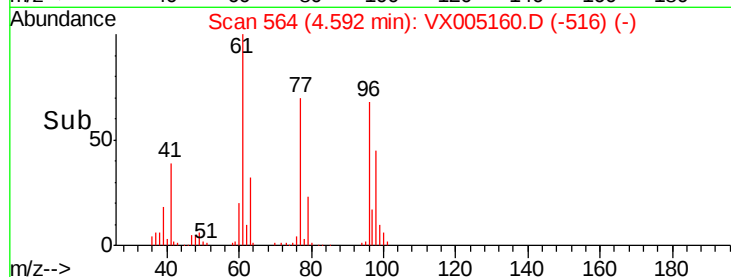
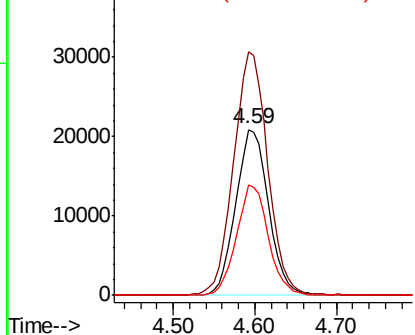
cis-1,2-Dichloroethene
Concen: 22.042 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion: 96 Resp: 58254
Ion Ratio Lower Upper
96 100
61 152.9 0.0 285.8
98 64.5 0.0 136.2



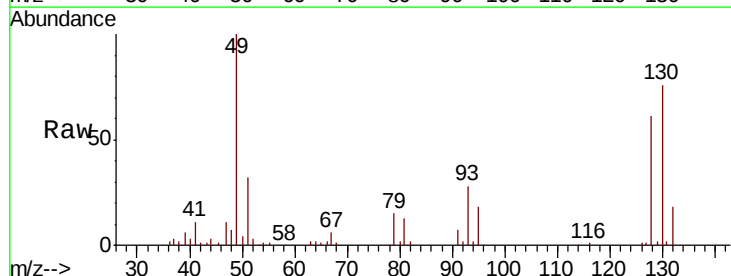
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



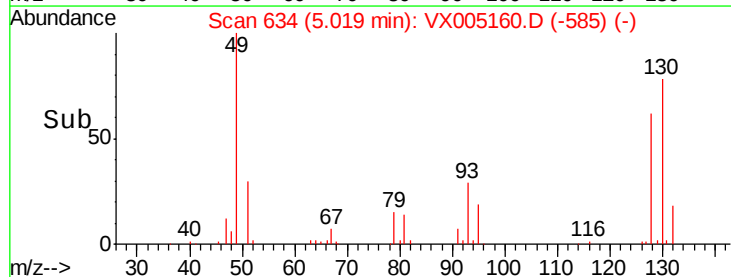
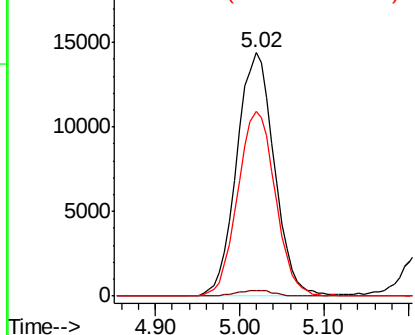
#28

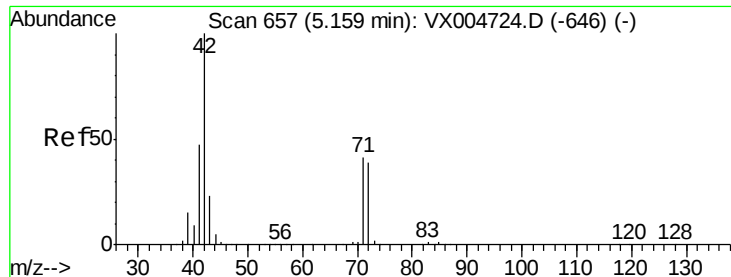
Bromochloromethane
Concen: 19.517 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion: 49 Resp: 43533
Ion Ratio Lower Upper
49 100
129 2.2 0.0 4.2
130 75.8 62.0 93.0



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





#29

Tetrahydrofuran

Concen: 116.214 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

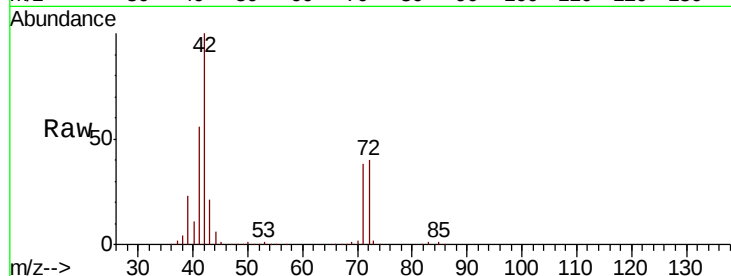
Tot Ion: 42 Resp: 177108

Ion Ratio Lower Upper

42 100

72 41.1 33.7 50.5

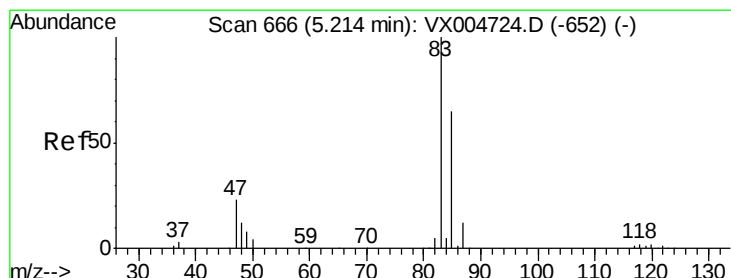
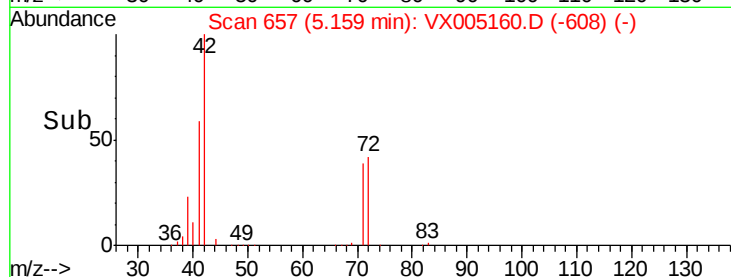
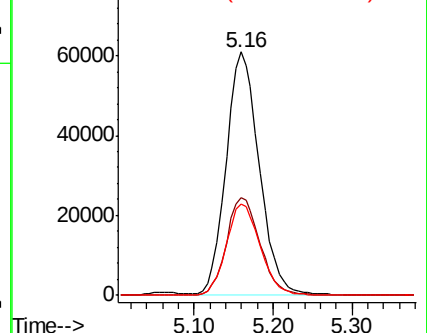
71 38.6 32.2 48.4



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 22.578 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX005160.D

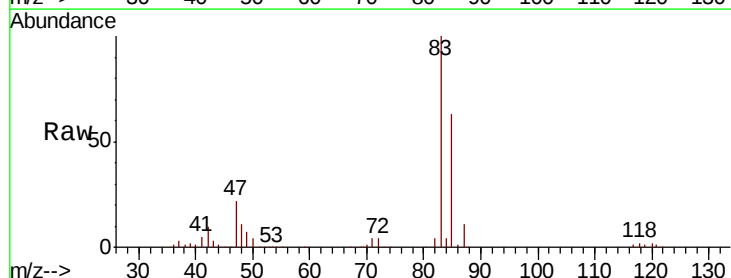
Acq: 09 Oct 2018 15:48

Tgt Ion: 83 Resp: 101073

Ion Ratio Lower Upper

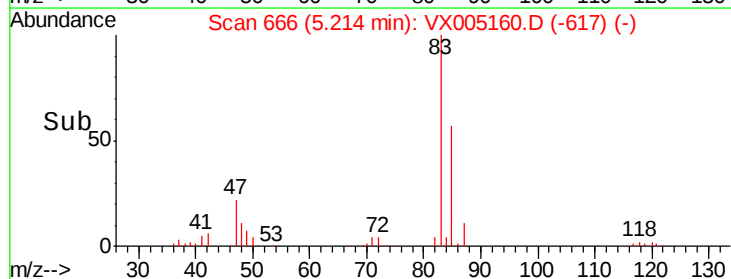
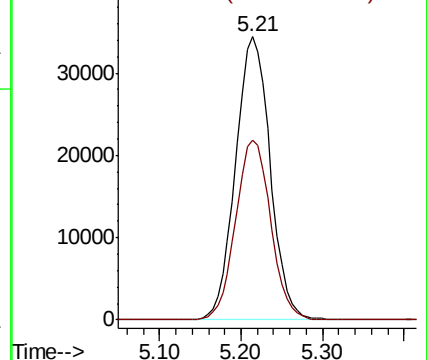
83 100

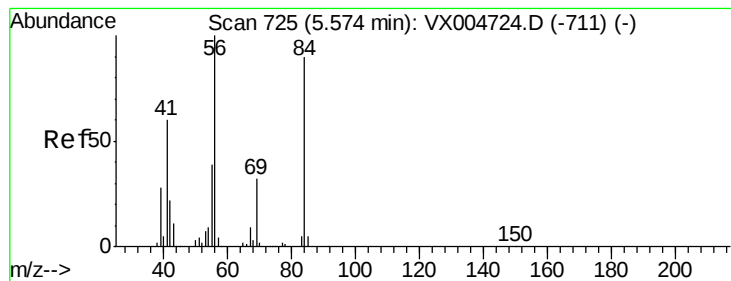
85 63.5 52.4 78.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 25.195 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

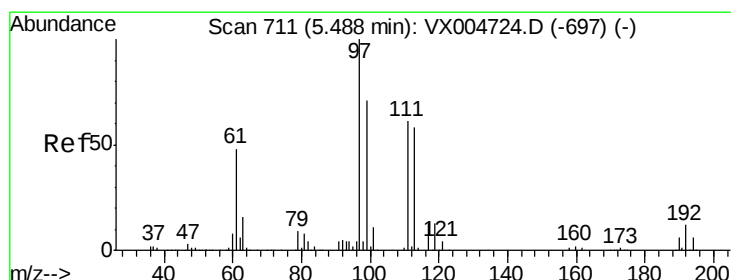
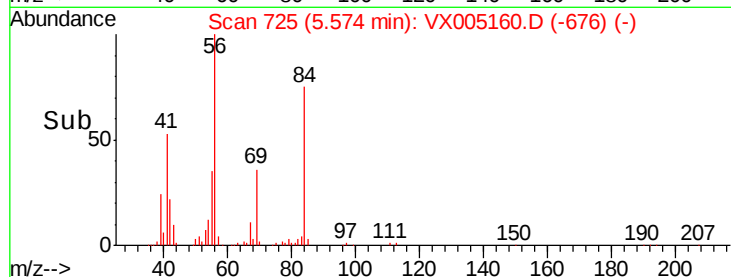
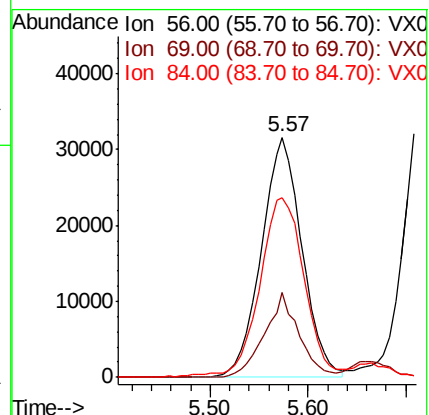
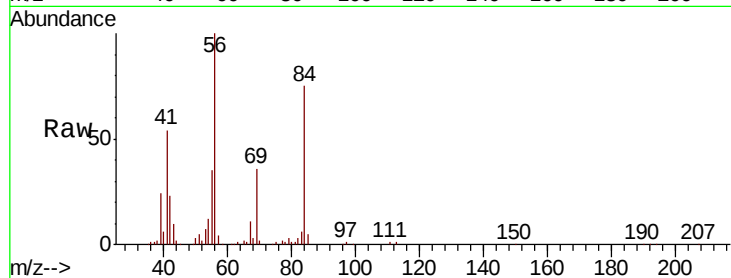
Tot Ion: 56 Resp: 91338

Ion Ratio Lower Upper

56 100

69 35.6 25.9 38.9

84 73.7 71.9 107.9



#32

1,1,1-Trichloroethane

Concen: 23.796 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

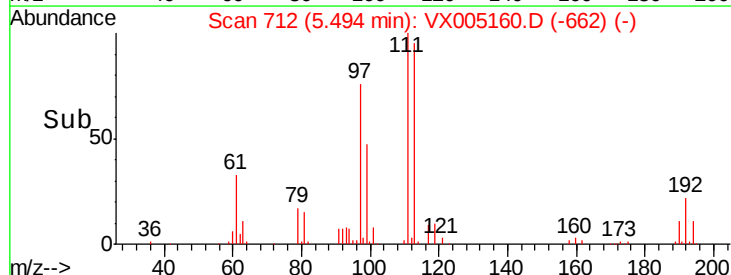
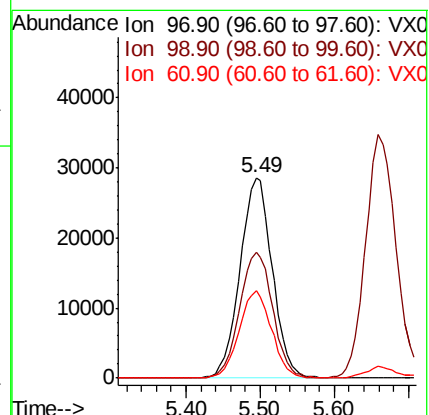
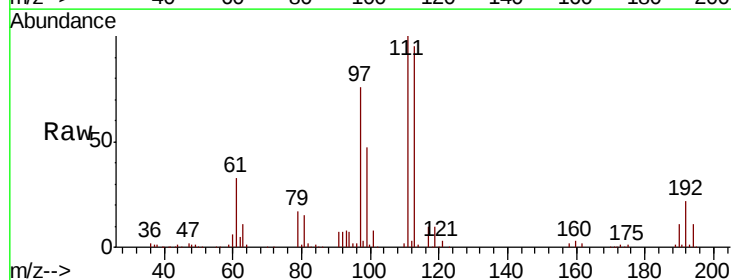
Tgt Ion: 97 Resp: 86994

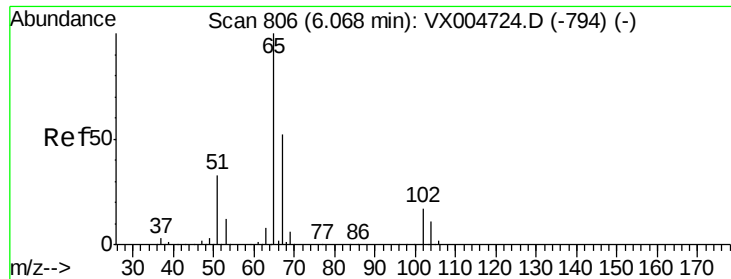
Ion Ratio Lower Upper

97 100

99 64.5 54.6 82.0

61 43.8 37.5 56.3

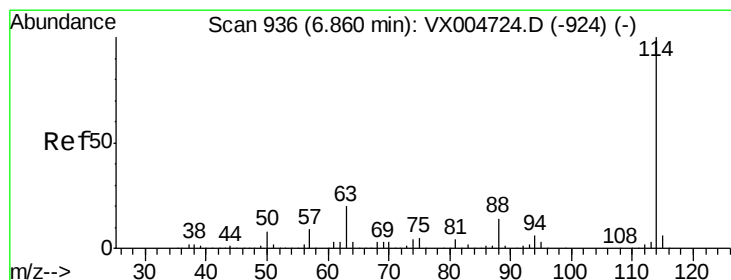
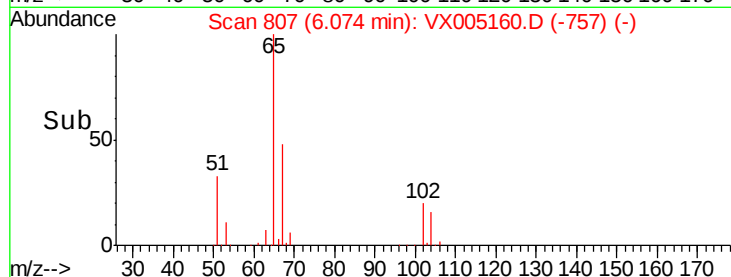
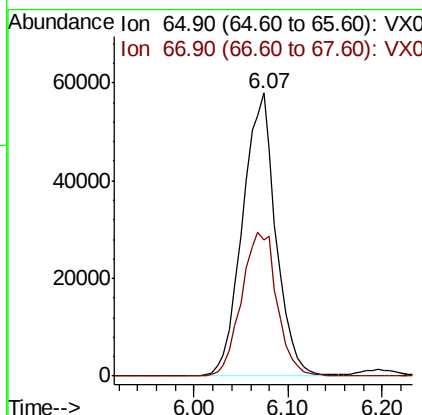
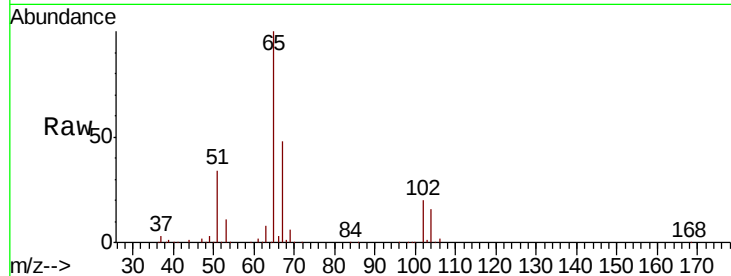




#33
 1,2-Dichloroethane-d4
 Concen: 50.418 ug/l
 RT: 6.07 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

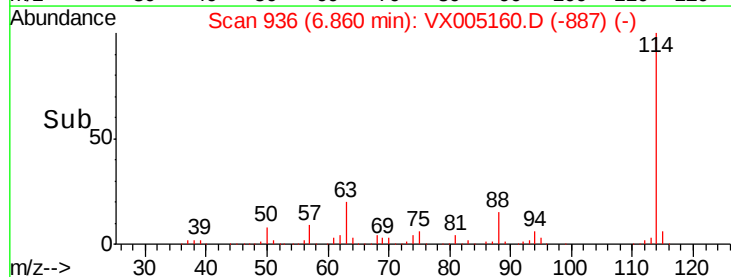
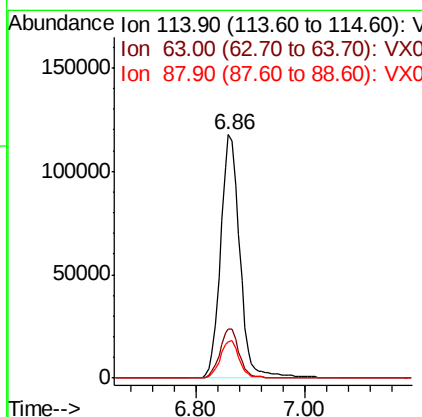
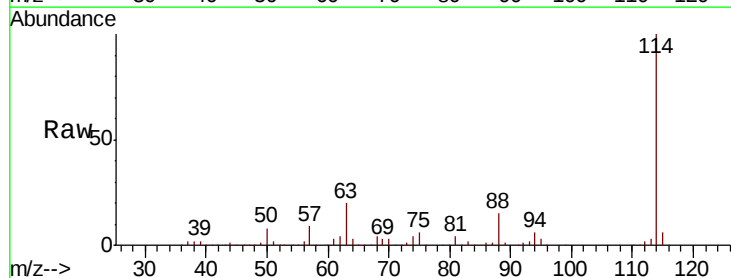
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Tot Ion: 65 Resp: 143652
 Ion Ratio Lower Upper
 65 100
 67 54.4 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: VX005160.D
 Acq: 09 Oct 2018 15:48

Tgt Ion: 114 Resp: 289757
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.8
 88 15.1 0.0 27.0

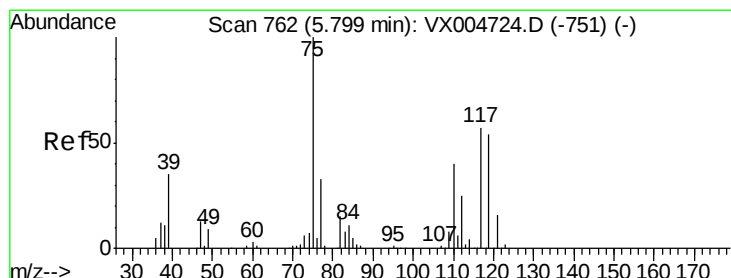
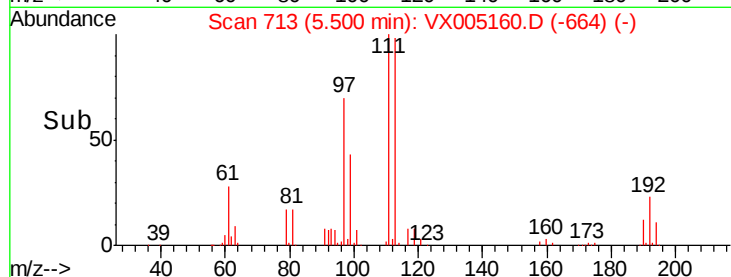
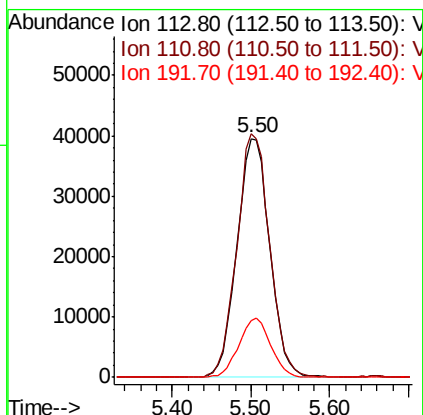
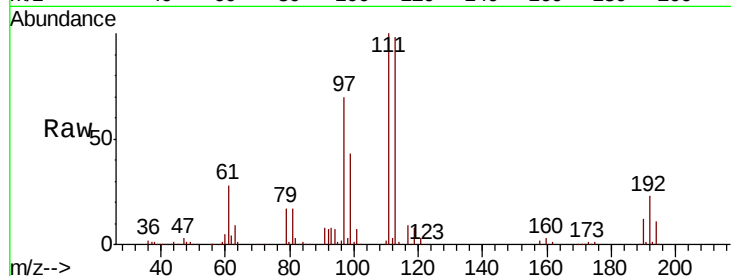




#35
 Dibromofluoromethane
 Concen: 46.584 ug/l
 RT: 5.50 min Scan# 713
 Delta R.T. -0.00 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

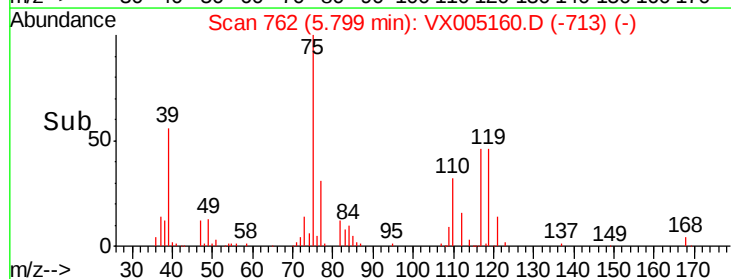
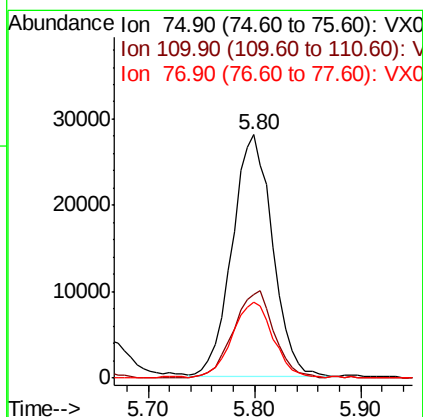
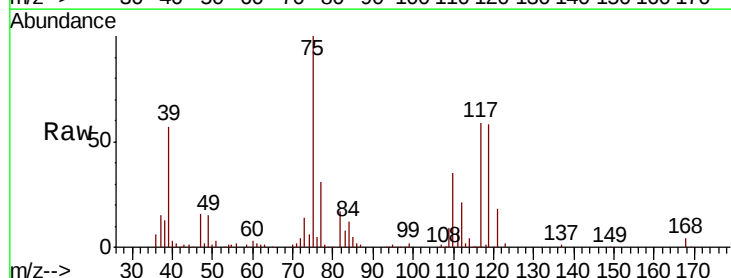
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

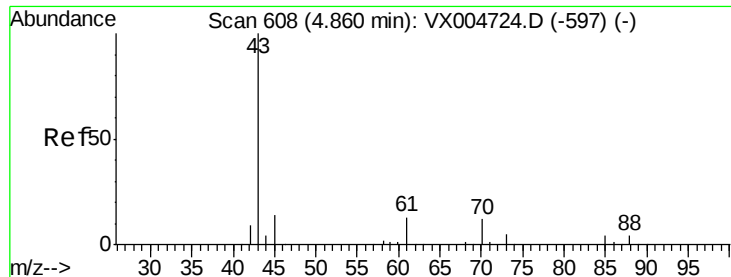
Tot Ion:113 Resp: 114398
 Ion Ratio Lower Upper
 113 100
 111 101.8 77.0 115.4
 192 24.1 17.0 25.6



#36
 1,1-Dichloropropene
 Concen: 22.176 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Tgt Ion: 75 Resp: 74302
 Ion Ratio Lower Upper
 75 100
 110 36.6 20.0 59.9
 77 32.7 27.1 40.7





#37

Ethyl Acetate

Concen: 22.205 ug/l

RT: 4.86 min Scan# 608

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

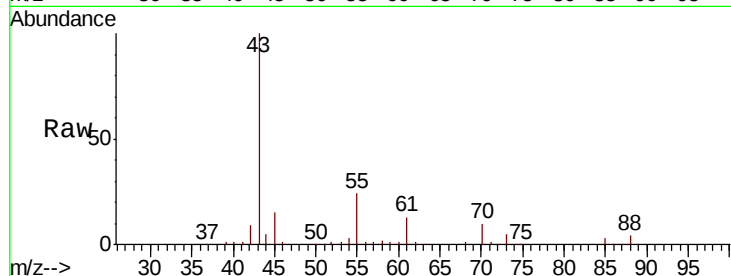
Tot Ion: 43 Resp: 98758

Ion Ratio Lower Upper

43 100

61 12.9 10.4 15.6

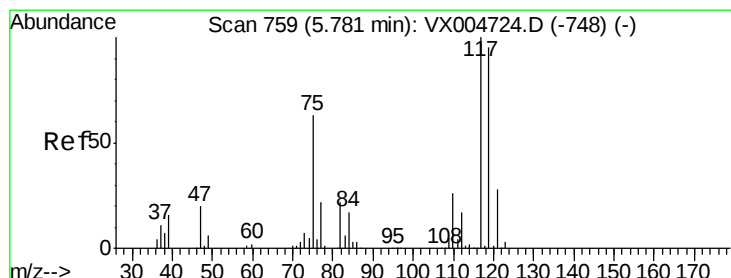
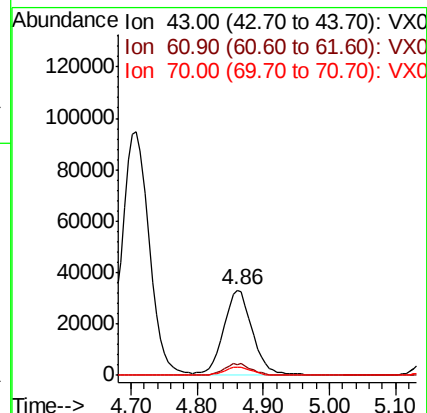
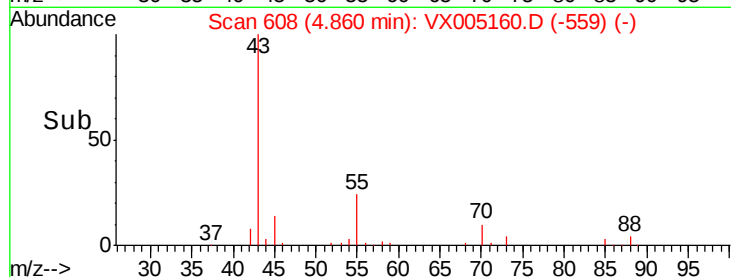
70 9.7 8.7 13.1



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-597) (-)

Ion 60.90 (60.60 to 61.60): VX004724.D (-597) (-)

Ion 70.00 (69.70 to 70.70): VX004724.D (-597) (-)



#38

Carbon Tetrachloride

Concen: 21.773 ug/l

RT: 5.78 min Scan# 759

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

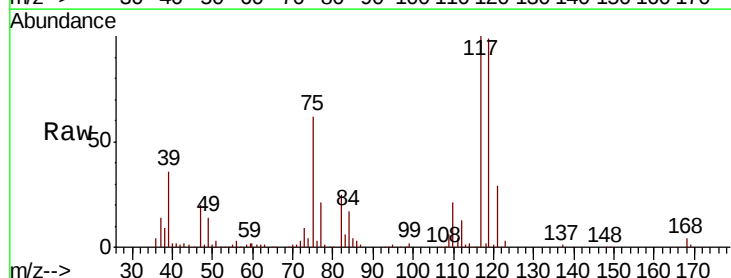
Tgt Ion: 117 Resp: 76685

Ion Ratio Lower Upper

117 100

119 99.7 75.2 112.8

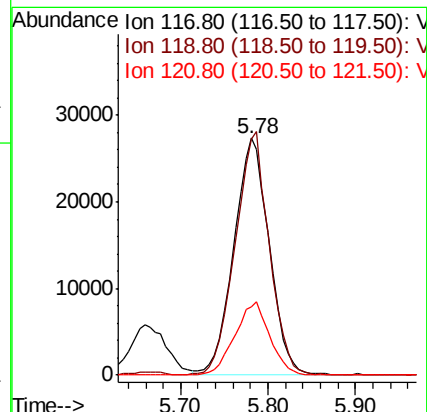
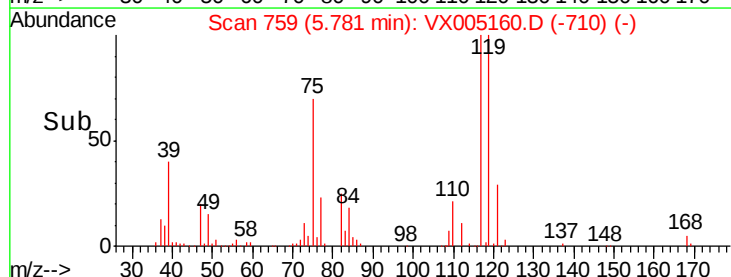
121 28.7 22.5 33.7

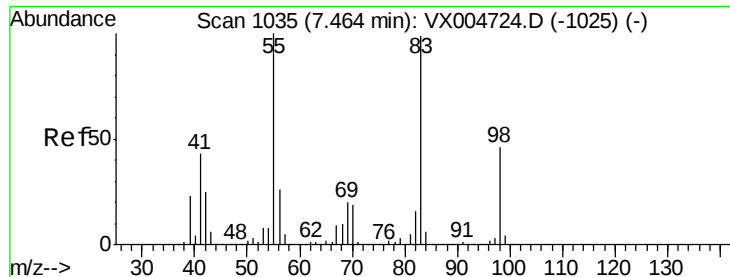


Abundance Ion 116.80 (116.50 to 117.50): VX004724.D (-748) (-)

Ion 118.80 (118.50 to 119.50): VX004724.D (-748) (-)

Ion 120.80 (120.50 to 121.50): VX004724.D (-748) (-)

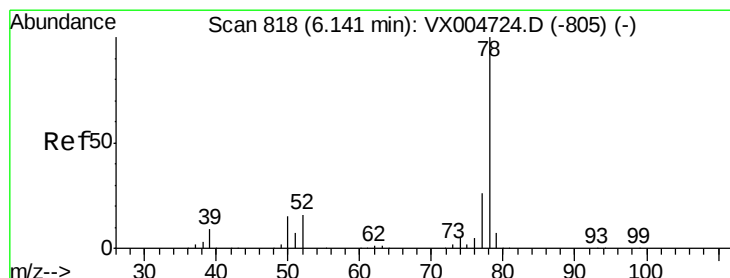
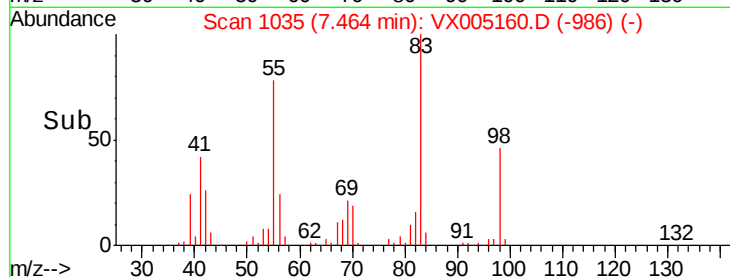
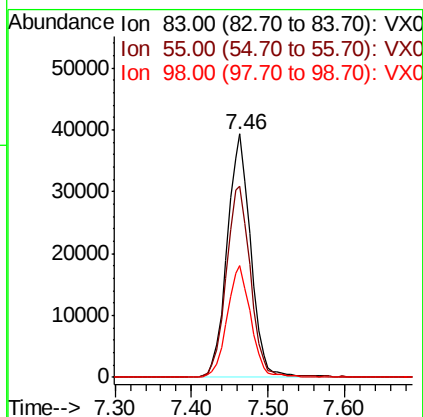
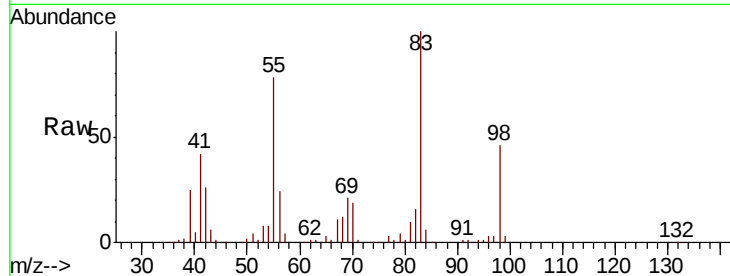




#39
Methvlcvclohexane
Concen: 24.529 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

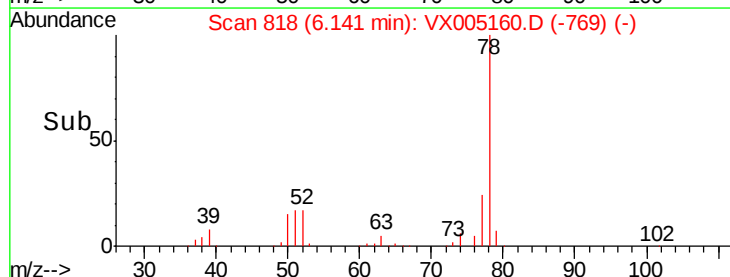
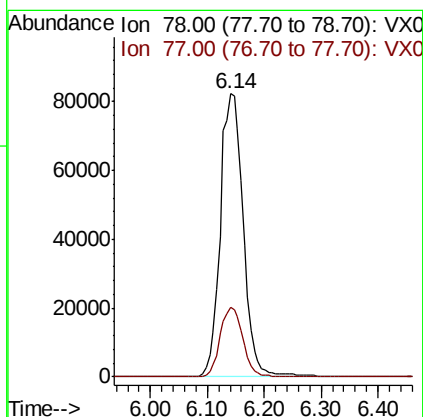
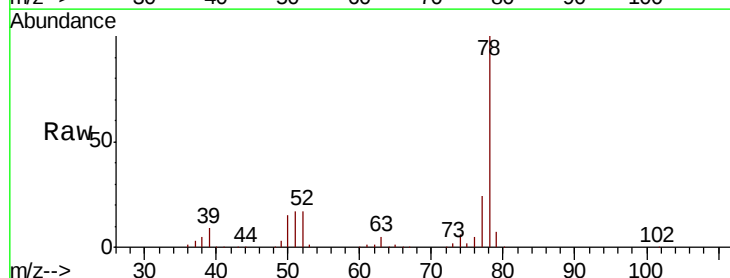
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion: 83 Resp: 83919
Ion Ratio Lower Upper
83 100
55 78.5 81.1 121.7#
98 45.8 37.3 55.9



#40
Benzene
Concen: 22.066 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion: 78 Resp: 231465
Ion Ratio Lower Upper
78 100
77 24.5 21.0 31.4

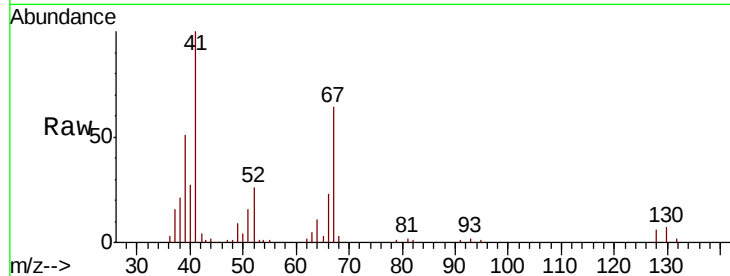




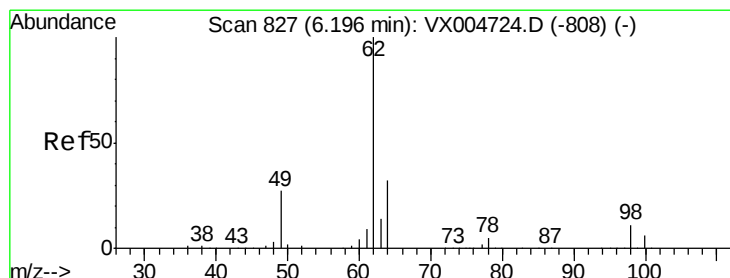
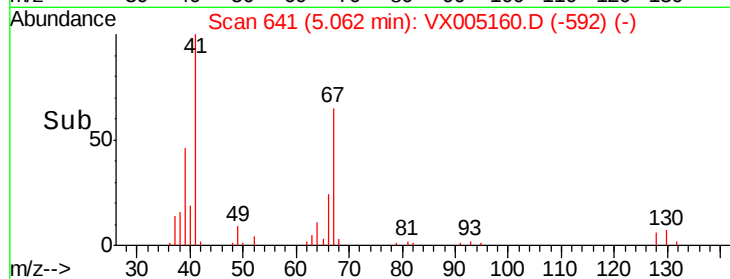
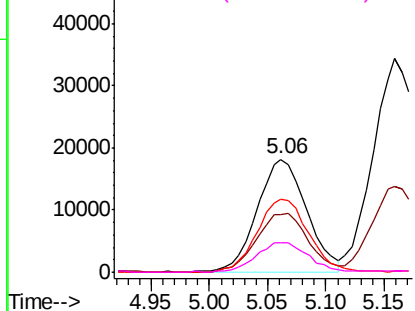
#41
Methacrylonitrile
Concen: 21.499 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Instrument :
MSVOA_X
ClientSampled :
VX1009WBS01

Tot Ion:	41	Resp:	53028
Ion	Ratio	Lower	Upper
41	100		
39	55.9	42.5	63.7
67	68.0	53.0	79.6
52	28.9	19.8	29.8

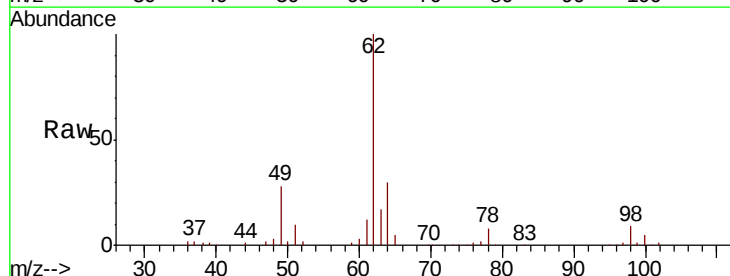


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

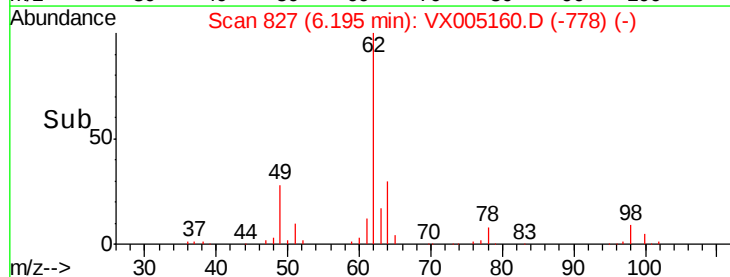
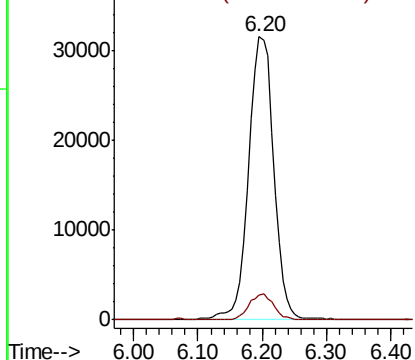


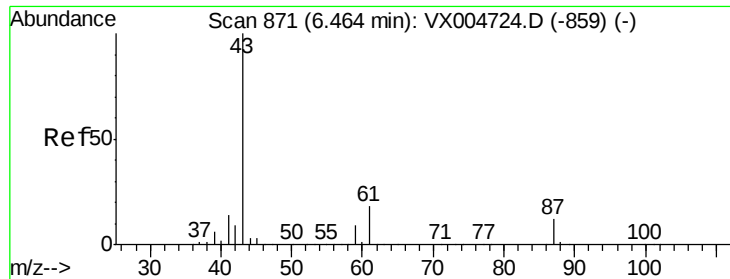
#42
1,2-Dichloroethane
Concen: 22.568 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion:	62	Resp:	83686
Ion	Ratio	Lower	Upper
62	100		
98	8.9	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: 22.529 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

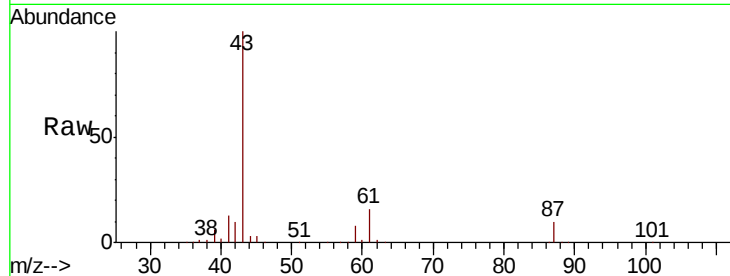
Tot Ion: 43 Resp: 144622

Ion Ratio Lower Upper

43 100

61 18.8 14.2 21.4

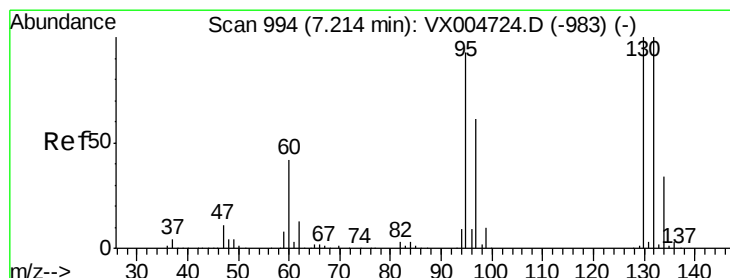
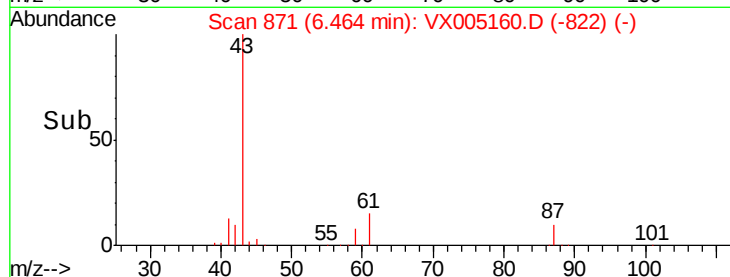
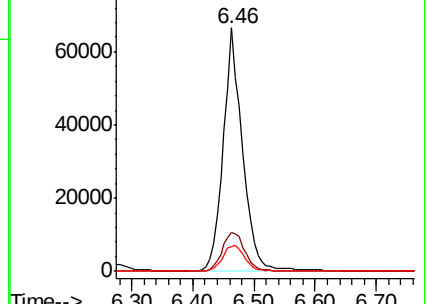
87 12.4 9.3 13.9



Abundance Ion 43.00 (42.70 to 43.70): VX004724.D (-859) (-)

Ion 61.00 (60.70 to 61.70): VX004724.D (-859) (-)

Ion 87.00 (86.70 to 87.70): VX004724.D (-859) (-)



#44

Trichloroethene

Concen: 23.664 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX005160.D

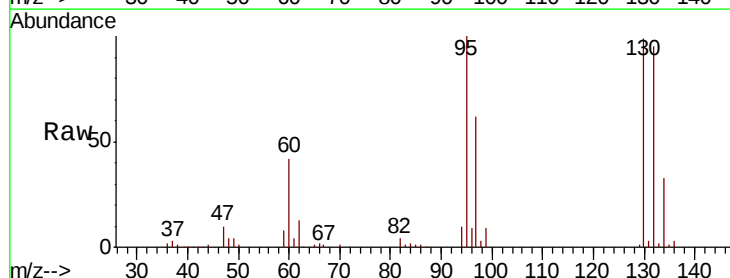
Acq: 09 Oct 2018 15:48

Tgt Ion:130 Resp: 61021

Ion Ratio Lower Upper

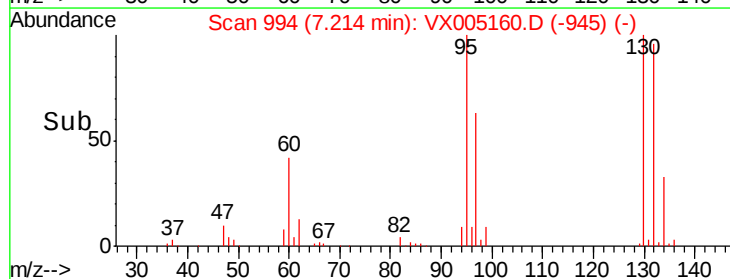
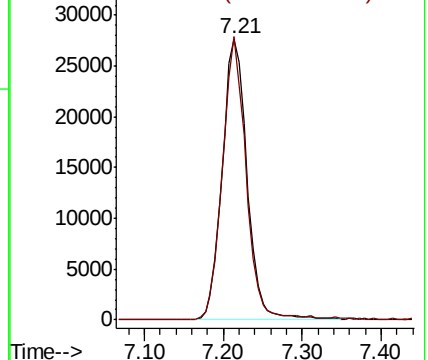
130 100

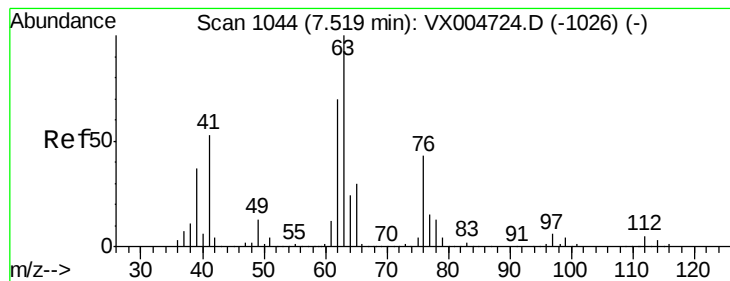
95 100.6 0.0 186.8



Abundance Ion 129.80 (129.50 to 130.50): VX004724.D (-983) (-)

Ion 94.90 (94.60 to 95.60): VX004724.D (-983) (-)





#45

1,2-Dichloropropane

Concen: 22.899 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

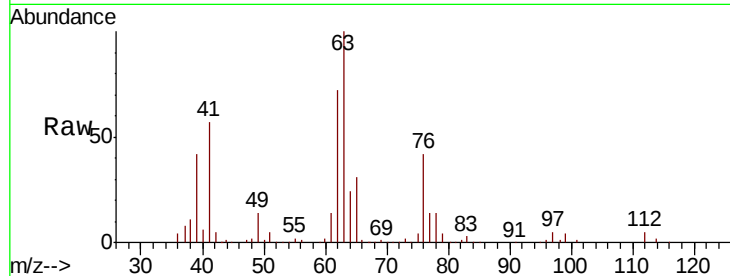
VX1009WBS01

Tot Ion: 63 Resp: 58904

Ion Ratio Lower Upper

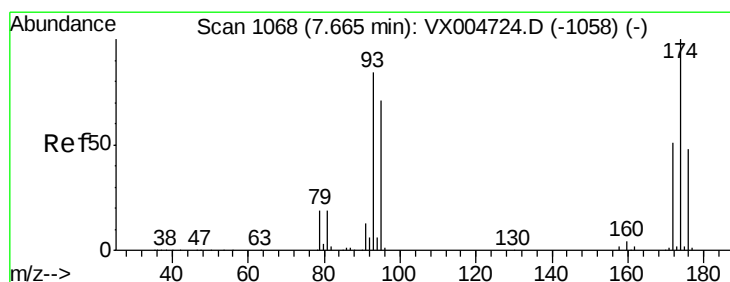
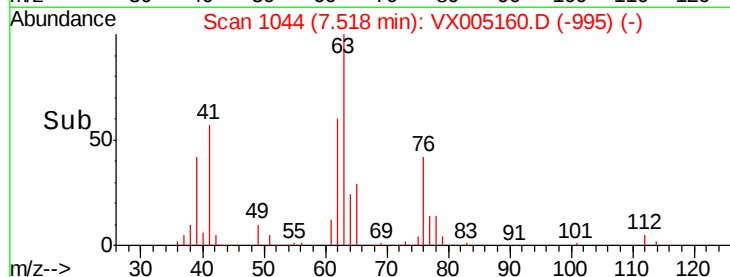
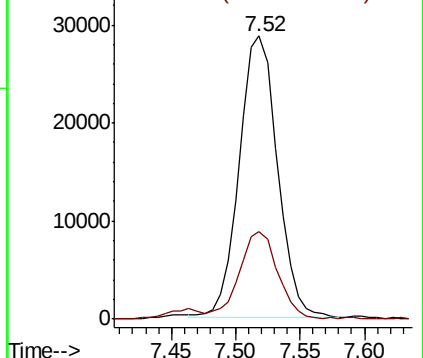
63 100

65 30.7 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: 24.455 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

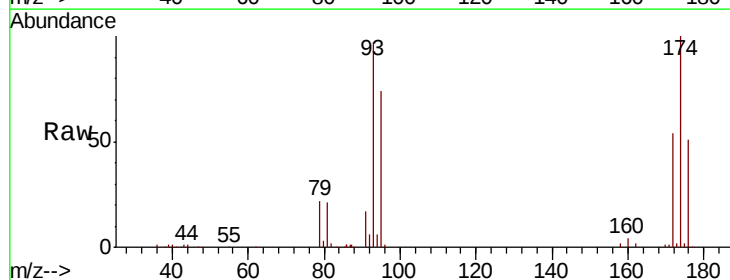
Tgt Ion: 93 Resp: 39535

Ion Ratio Lower Upper

93 100

95 82.1 66.7 100.1

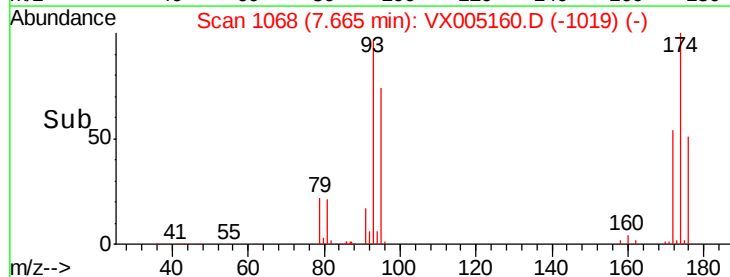
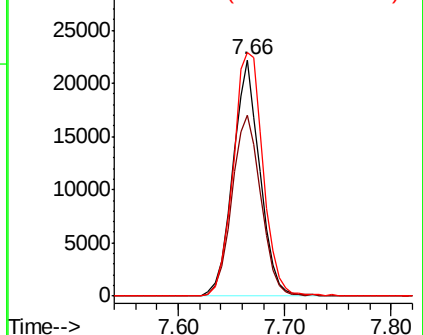
174 113.8 92.7 139.1

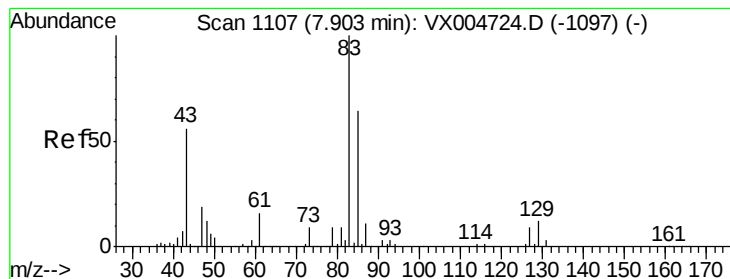


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 24.259 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

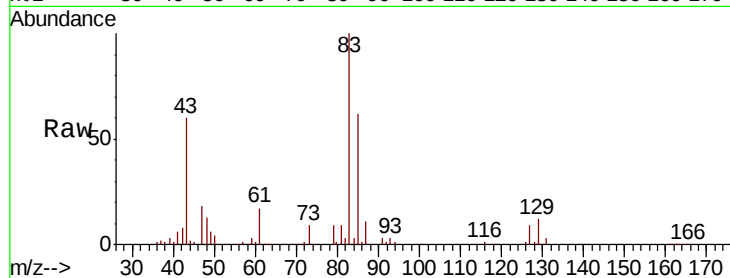
Tot Ion: 83 Resp: 73426

Ion Ratio Lower Upper

83 100

85 61.9 51.2 76.8

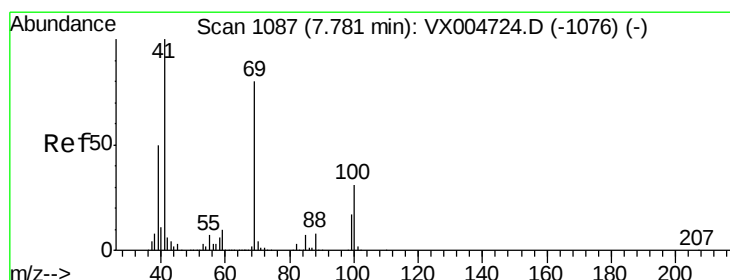
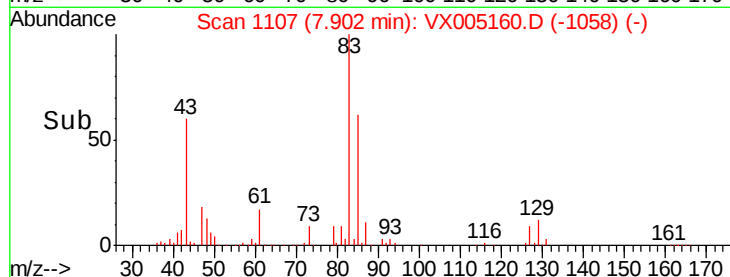
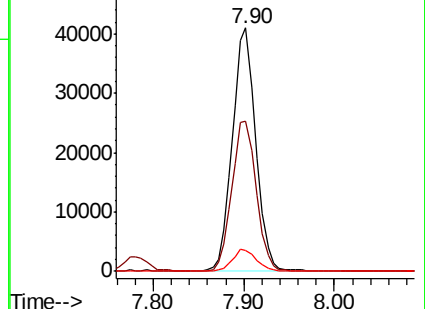
127 8.7 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 25.261 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

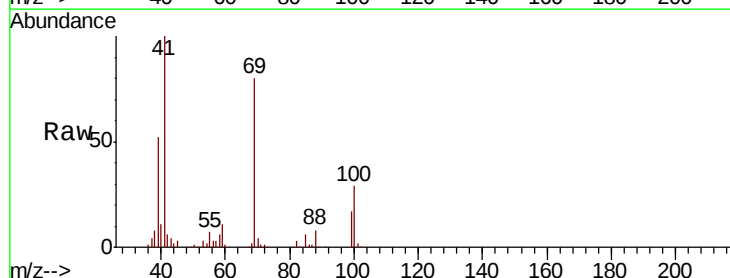
Tgt Ion: 41 Resp: 73602

Ion Ratio Lower Upper

41 100

69 81.5 63.8 95.6

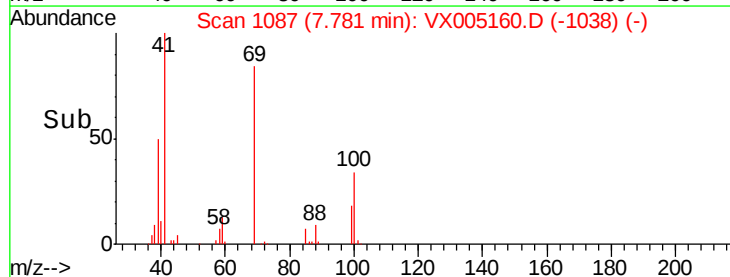
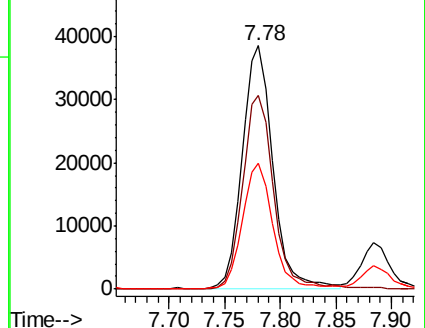
39 50.8 40.7 61.1

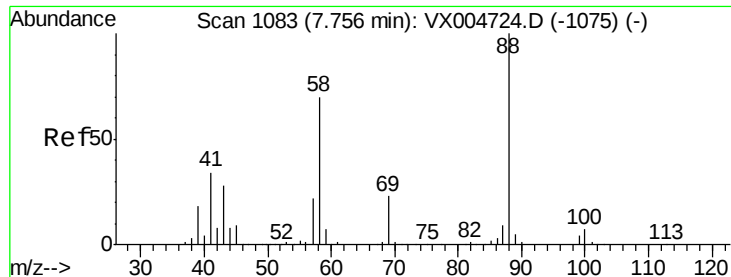


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

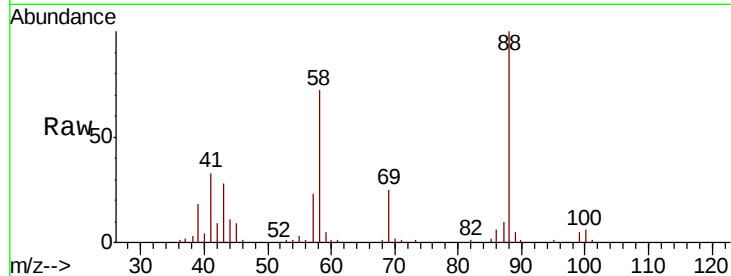




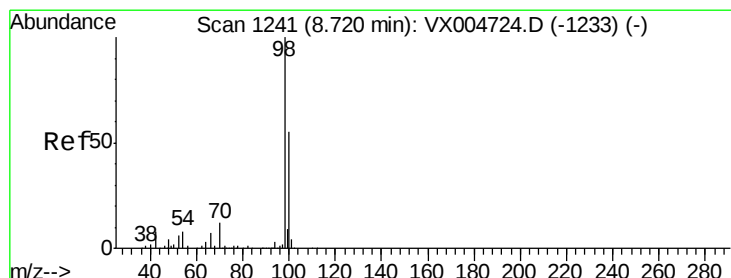
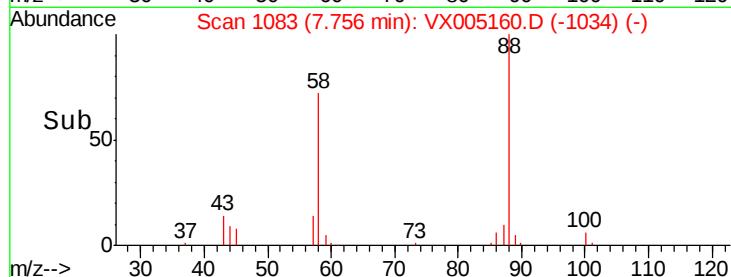
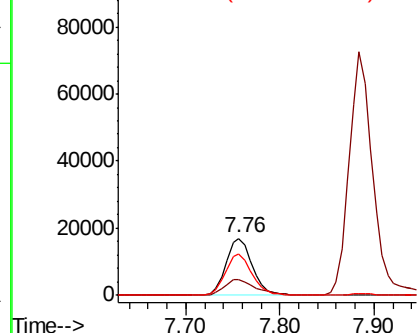
#49
1,4-Dioxane
Concen: 454.068 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion: 88 Resp: 32868
Ion Ratio Lower Upper
88 100
43 32.2 25.1 37.7
58 74.3 56.2 84.2

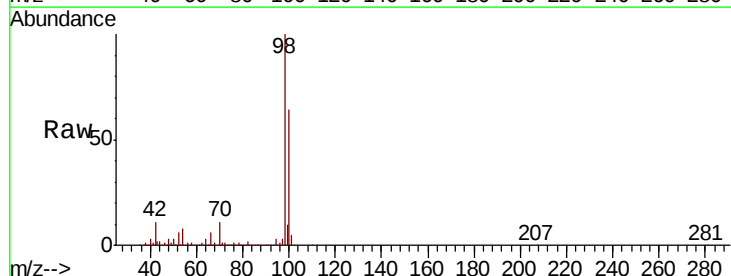


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

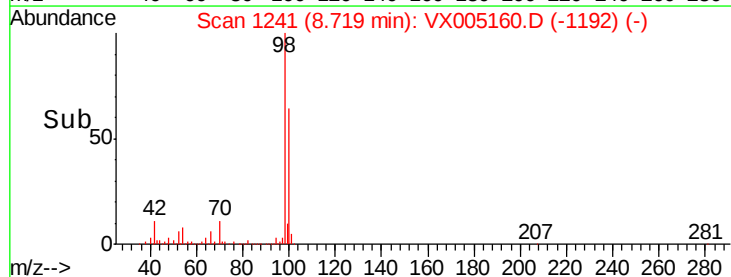
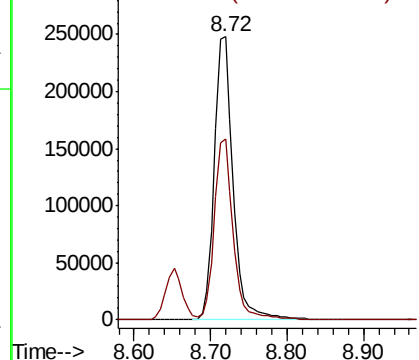


#50
Toluene-d8
Concen: 51.783 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion: 98 Resp: 422755
Ion Ratio Lower Upper
98 100
100 64.3 51.9 77.9



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

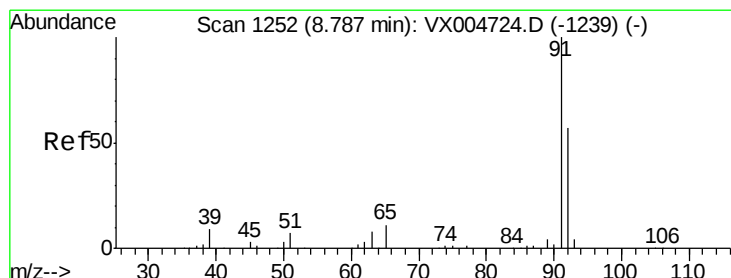
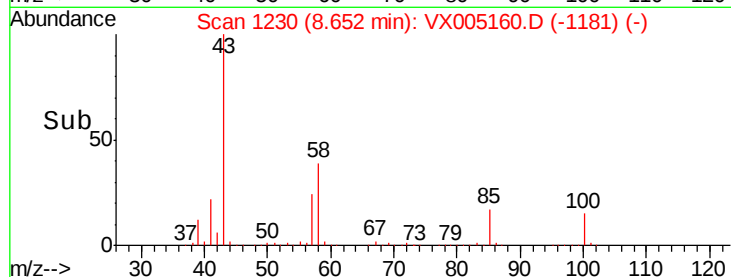
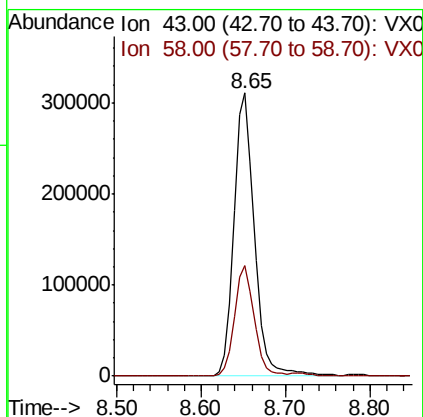
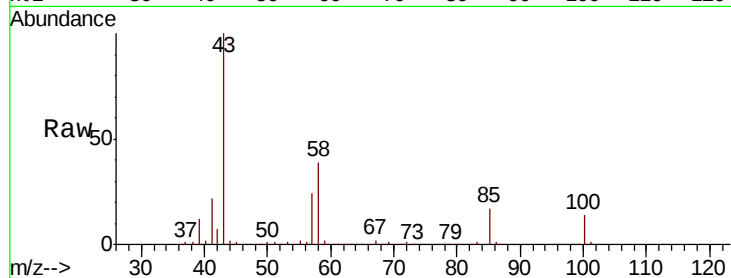




#51
4-Methyl-2-Pentanone
Concen: 126.089 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

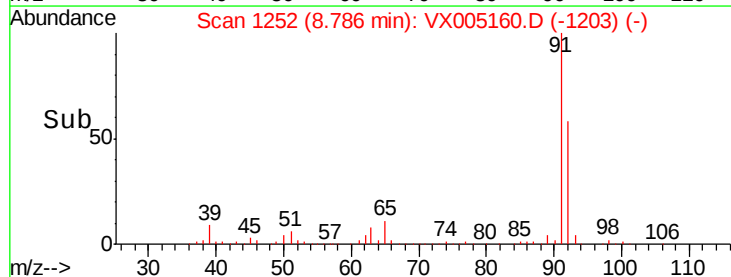
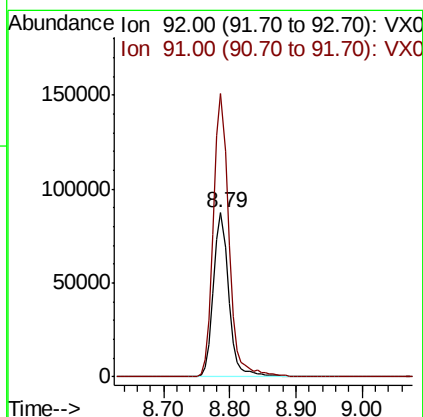
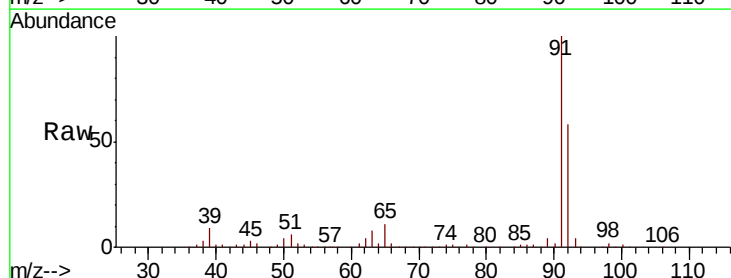
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

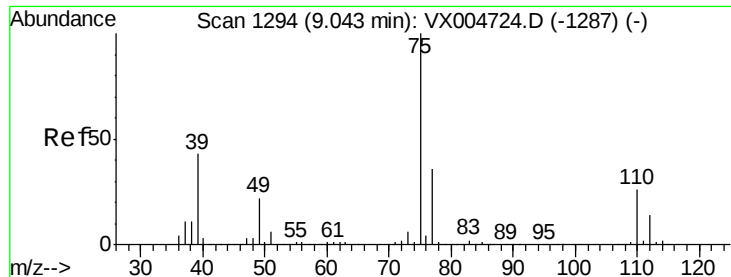
Tot Ion: 43 Resp: 509638
Ion Ratio Lower Upper
43 100
58 37.4 30.5 45.7



#52
Toluene
Concen: 24.515 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion: 92 Resp: 141299
Ion Ratio Lower Upper
92 100
91 173.6 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 23.178 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

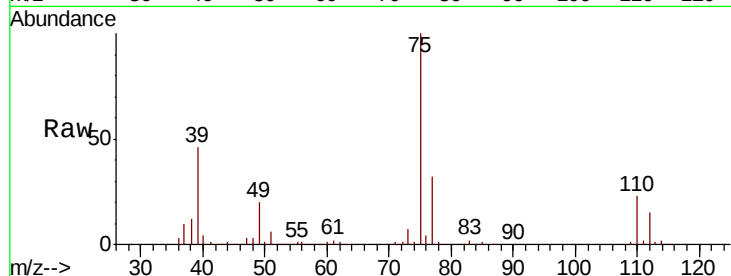
VX1009WBS01

Tot Ion: 75 Resp: 79277

Ion Ratio Lower Upper

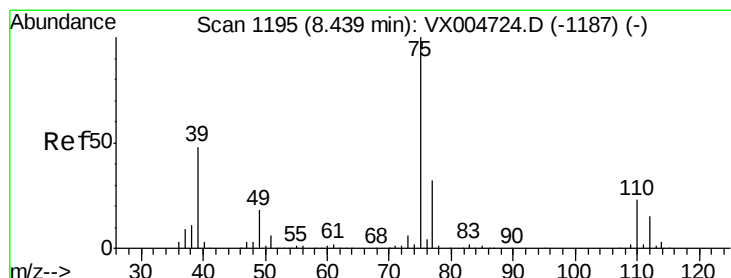
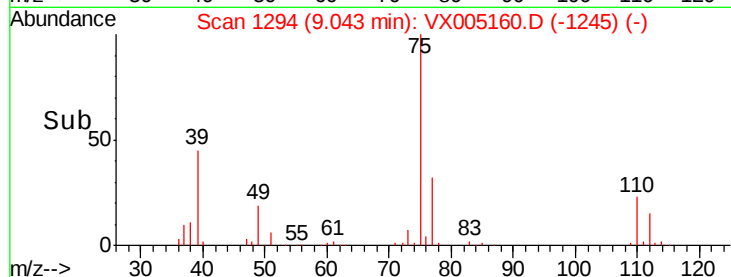
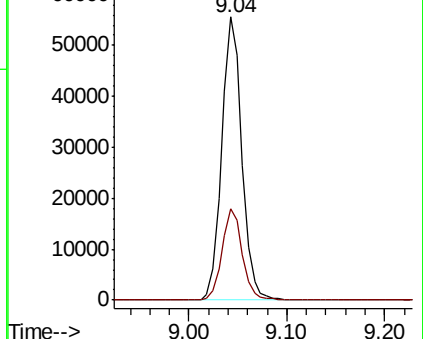
75 100

77 32.2 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: 24.609 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

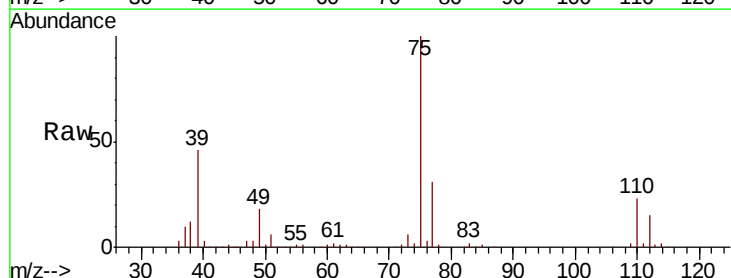
Tgt Ion: 75 Resp: 88162

Ion Ratio Lower Upper

75 100

77 31.3 25.7 38.5

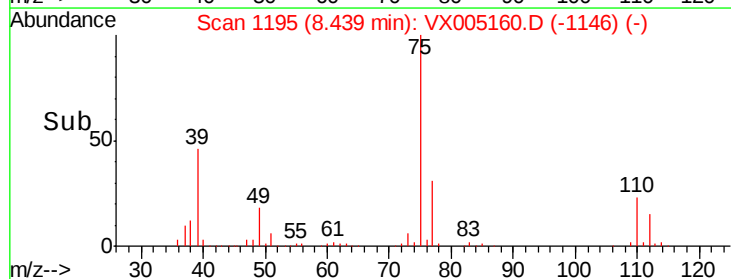
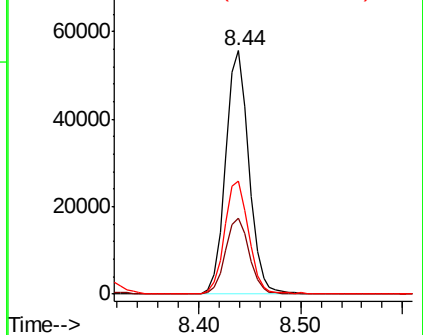
39 46.1 38.3 57.5



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: 23.130 ug/l

RT: 9.22 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

Tot Ion: 97 Resp: 58397

Ion	Ratio	Lower	Upper
97	100		
83	89.4	68.2	102.2
85	55.8	49.9	74.9
99	65.0	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

Time-->

9.10 9.20 9.30

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

Time-->

9.10 9.20 9.30

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

Time-->

9.10 9.20 9.30

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

Time-->

9.10 9.20 9.30

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

Time-->

9.10 9.20 9.30

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

Time-->

9.10 9.20 9.30

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

Time-->

9.10 9.20 9.30

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

Time-->

9.10 9.20 9.30

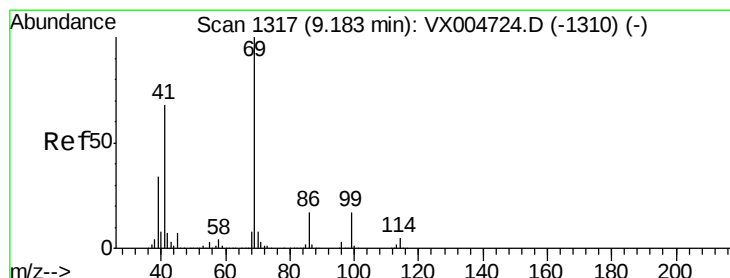
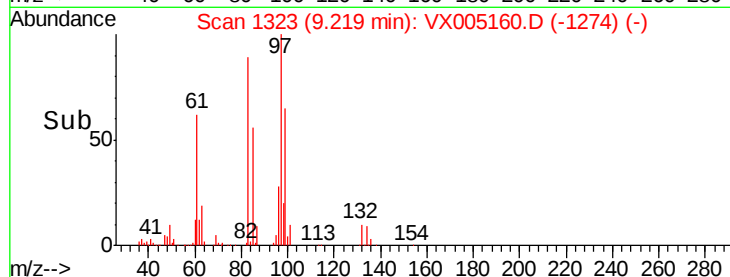
Abundance

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: 22.397 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Tgt Ion: 69 Resp: 84894

Ion	Ratio	Lower	Upper
69	100		
41	70.9	56.9	85.3
39	33.9	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

Time-->

9.10 9.20 9.30

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

Time-->

9.10 9.20 9.30

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

Time-->

9.10 9.20 9.30

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

Time-->

9.10 9.20 9.30

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

Time-->

9.10 9.20 9.30



#57

1,3-Dichloropropane

Concen: 23.147 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

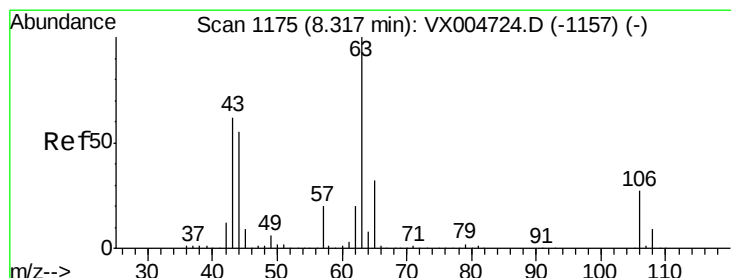
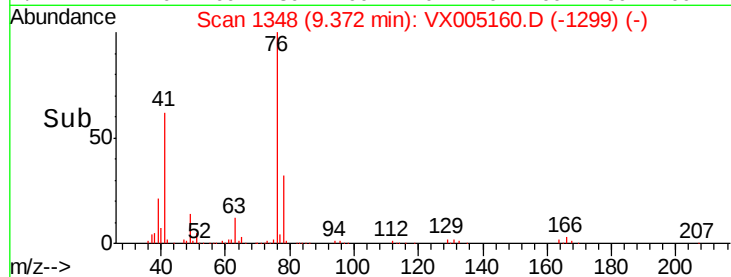
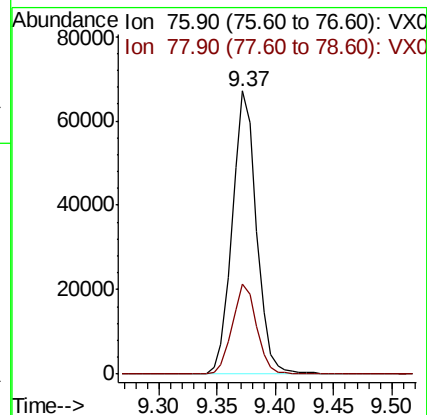
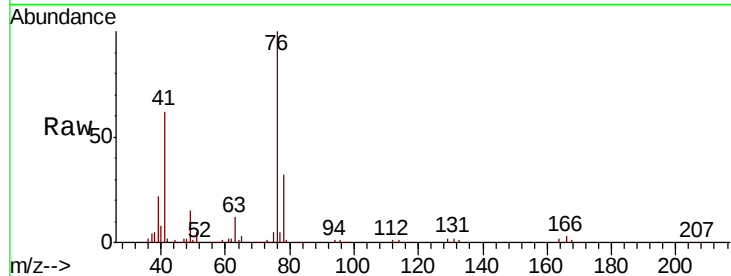
VX1009WBS01

Tot Ion: 76 Resp: 97265

Ion Ratio Lower Upper

76 100

78 32.1 26.6 40.0



#58

2-Chloroethyl Vinyl ether

Concen: 105.799 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. -0.00 min

Lab File: VX005160.D

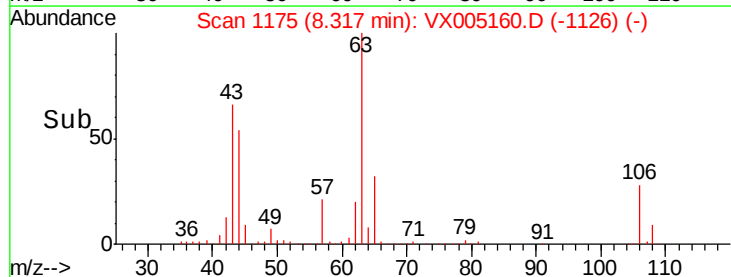
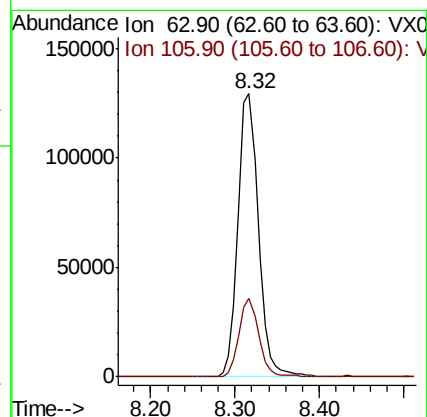
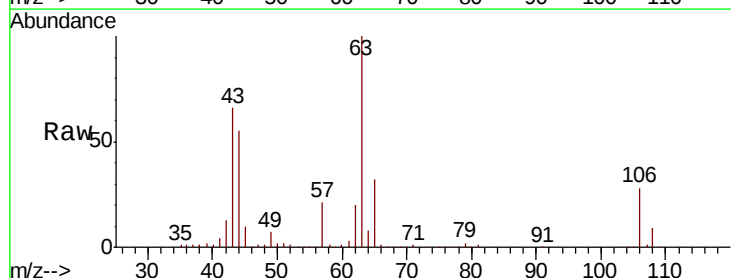
Acq: 09 Oct 2018 15:48

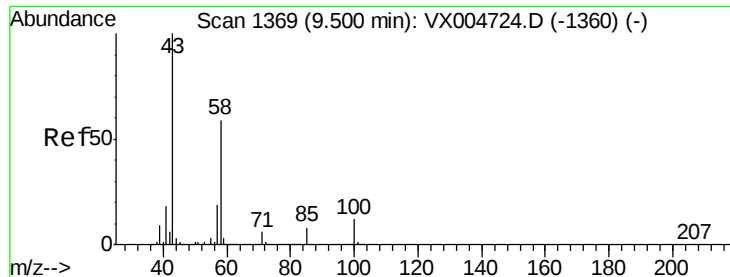
Tgt Ion: 63 Resp: 211207

Ion Ratio Lower Upper

63 100

106 27.0 21.0 31.6

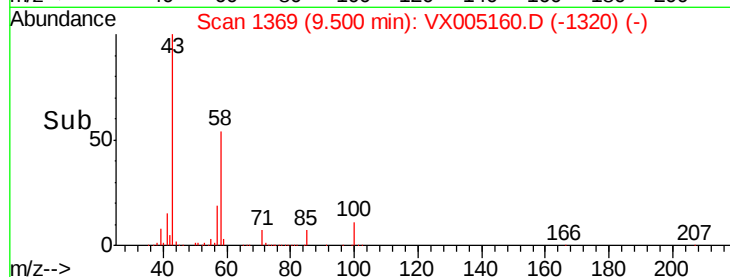
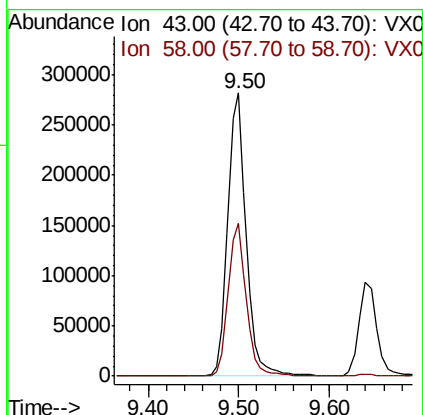
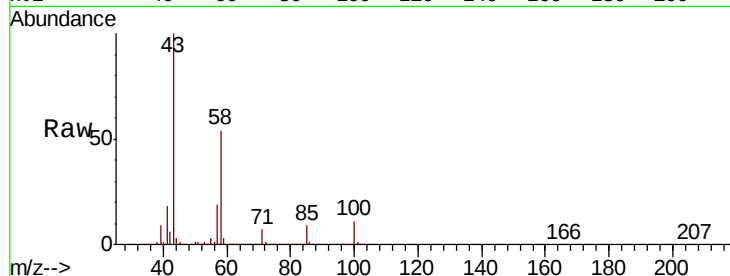




#59
2-Hexanone
Concen: 117.944 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

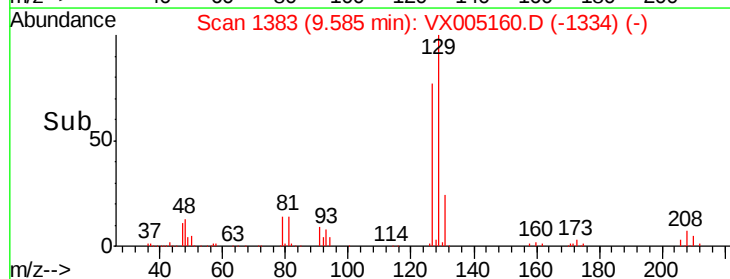
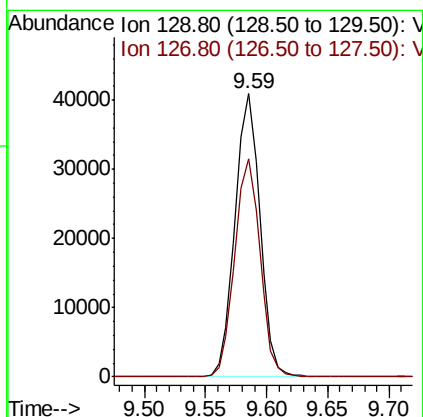
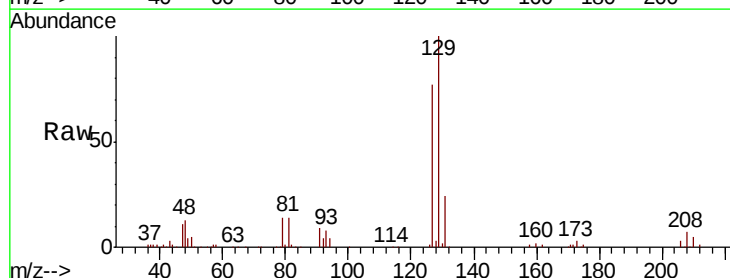
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

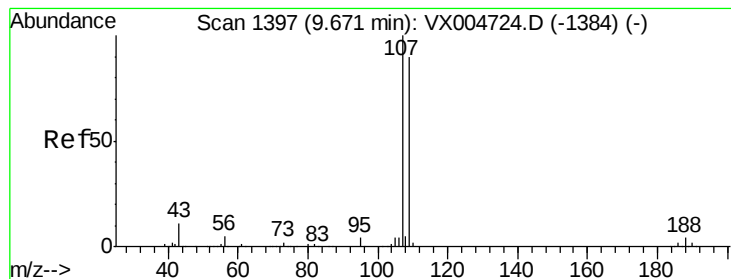
Tot Ion: 43 Resp: 397254
Ion Ratio Lower Upper
43 100
58 53.2 28.4 85.3



#60
Dibromochloromethane
Concen: 22.913 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion: 129 Resp: 57853
Ion Ratio Lower Upper
129 100
127 78.0 39.1 117.2





#61

1,2-Dibromoethane

Concen: 22.188 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

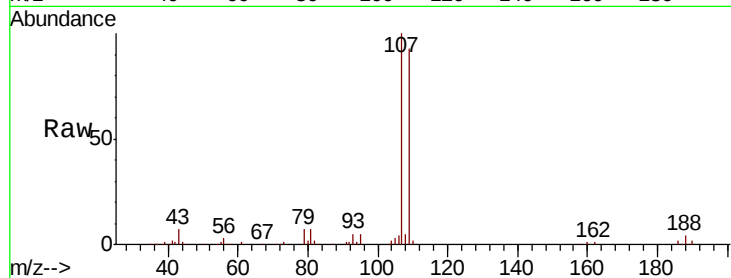
VX1009WBS01

Tot Ion:107 Resp: 59993

Ion Ratio Lower Upper

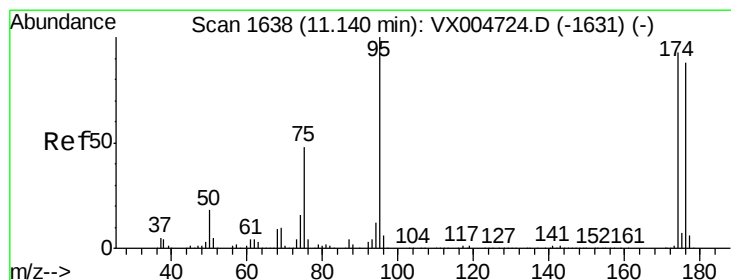
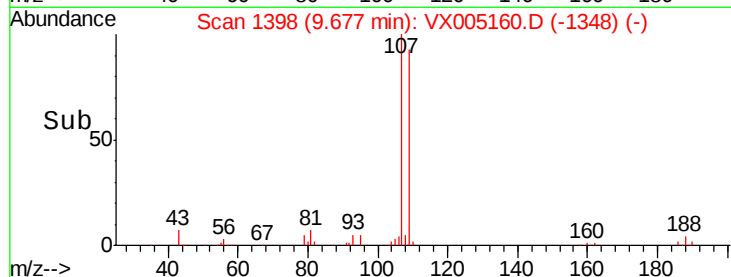
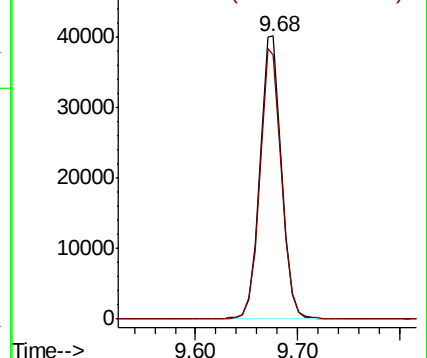
107 100

109 95.4 72.1 108.1



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 53.681 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

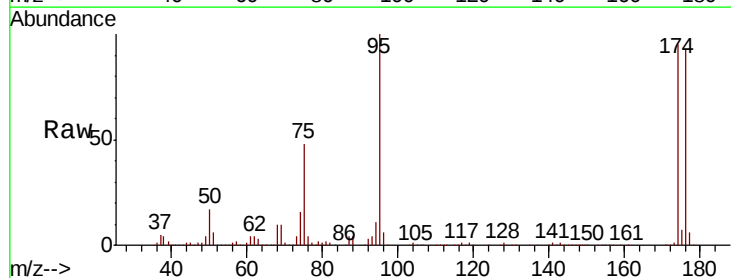
Tgt Ion: 95 Resp: 157883

Ion Ratio Lower Upper

95 100

174 91.6 0.0 185.0

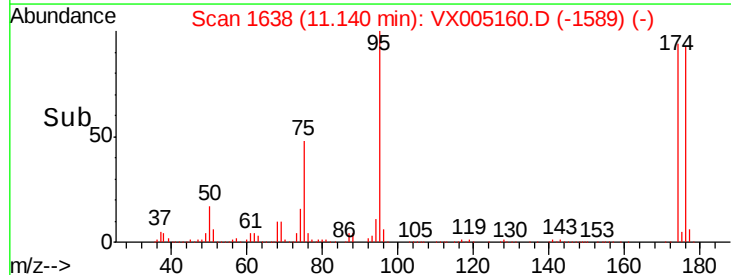
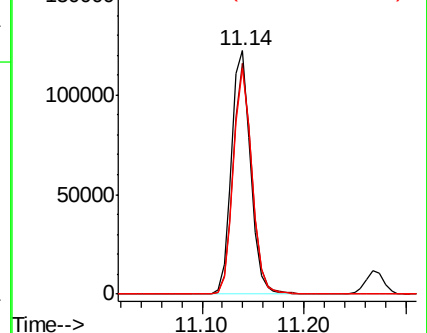
176 89.9 0.0 180.2

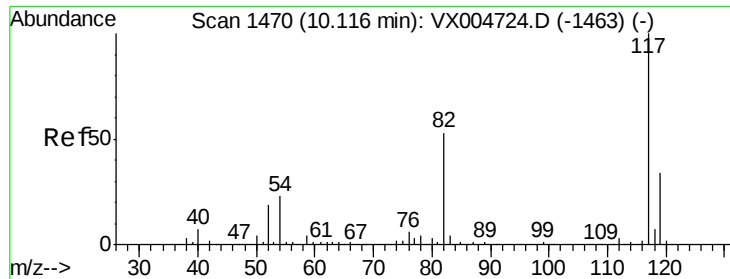


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

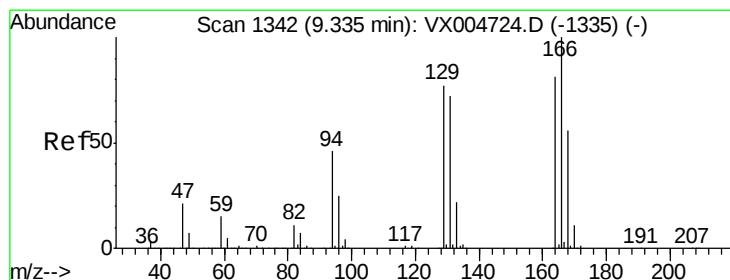
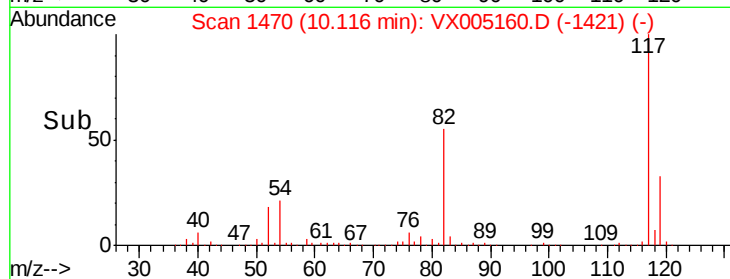
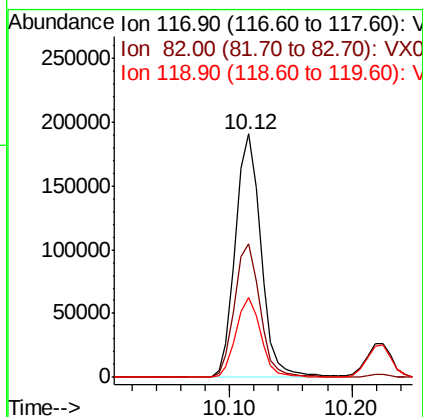
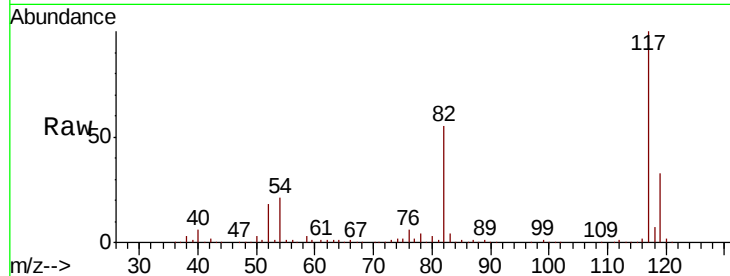




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

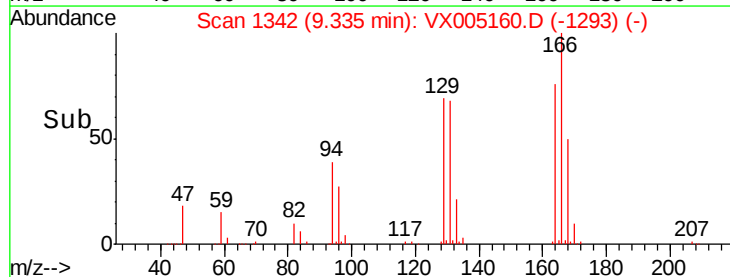
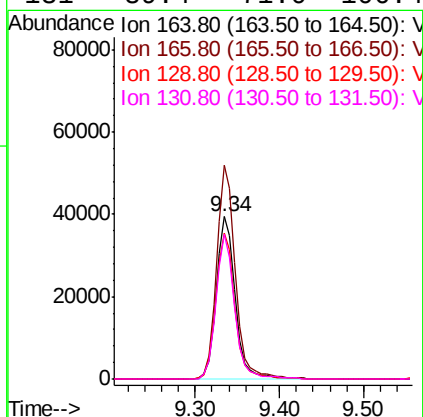
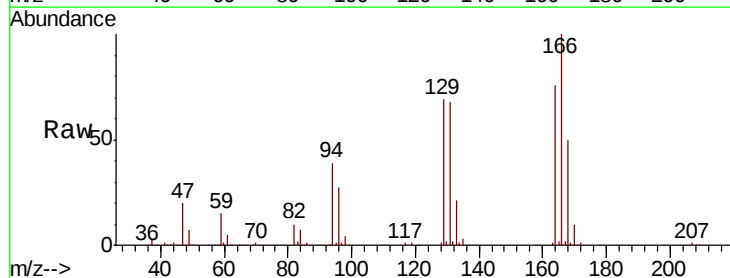
Instrument :
MSVOA_X
ClientSampled :
VX1009WBS01

Tot Ion:117 Resp: 276046
Ion Ratio Lower Upper
117 100
82 55.1 42.2 63.4
119 32.8 27.4 41.0



#64
Tetrachloroethene
Concen: 22.578 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion:164 Resp: 61341
Ion Ratio Lower Upper
164 100
166 131.8 98.4 147.6
129 90.4 76.1 114.1
131 89.4 71.0 106.4





#65

Chlorobenzene

Concen: 22.138 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampled :

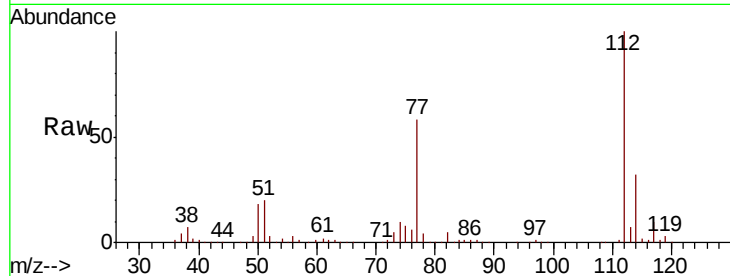
VX1009WBS01

Tot Ion:112 Resp: 156708

Ion Ratio Lower Upper

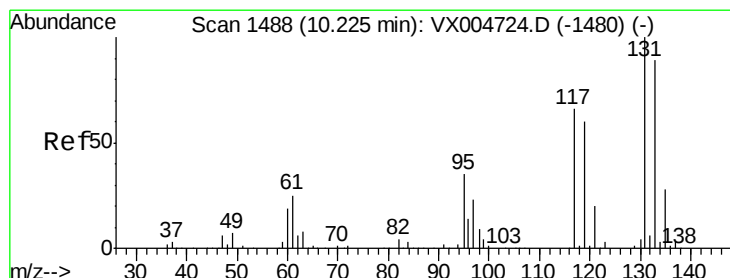
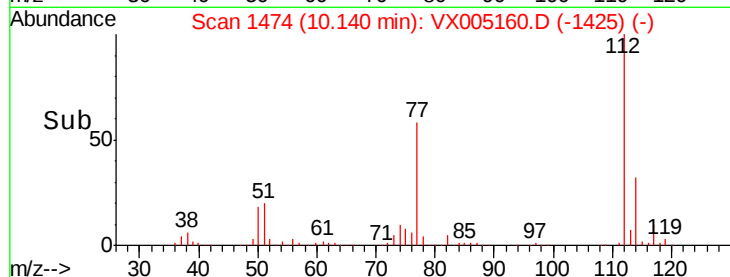
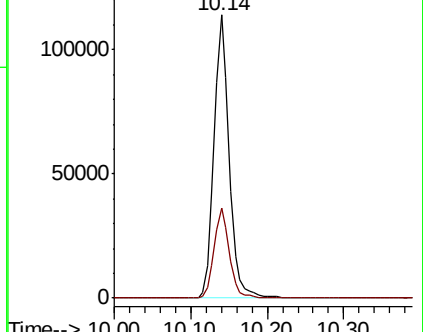
112 100

114 31.8 26.7 40.1



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 22.791 ug/l

RT: 10.23 min Scan# 1488

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

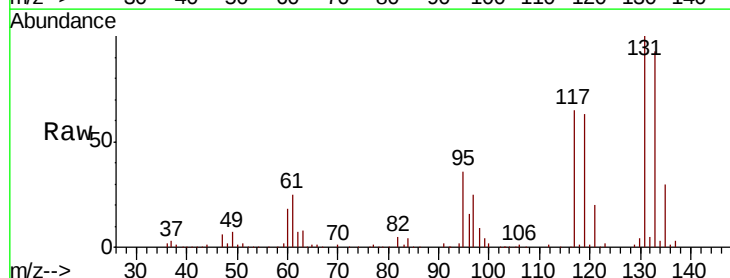
Tgt Ion:131 Resp: 56715

Ion Ratio Lower Upper

131 100

133 93.8 48.4 145.0

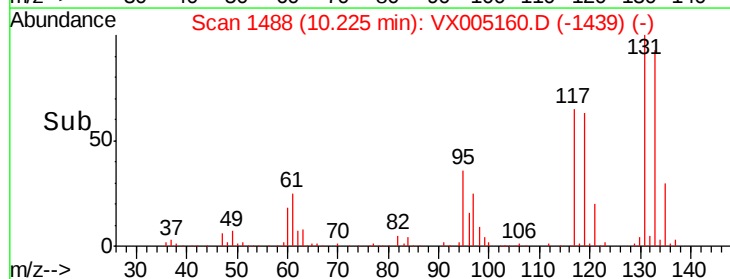
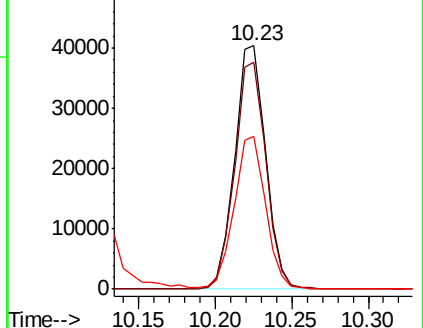
119 63.9 32.3 96.8

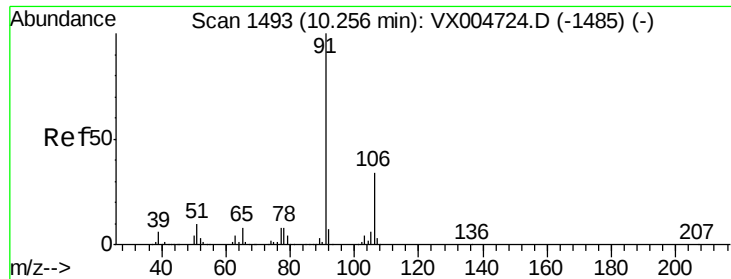


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 23.134 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

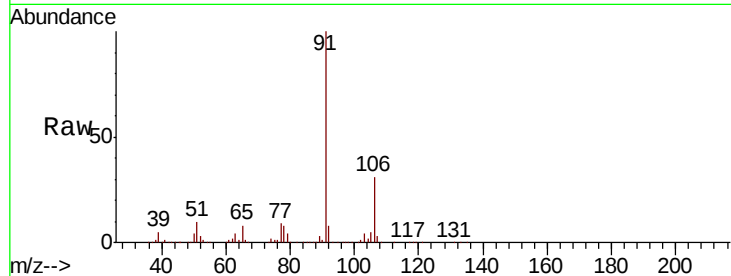
VX1009WBS01

Tot Ion: 91 Resp: 259986

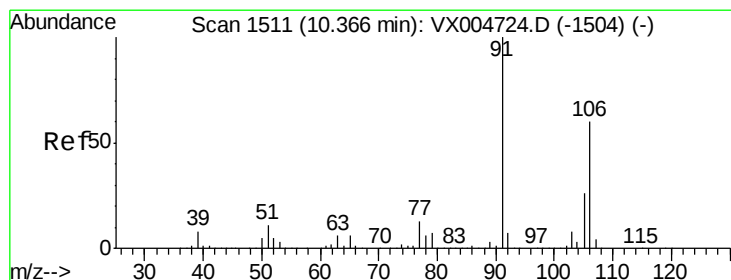
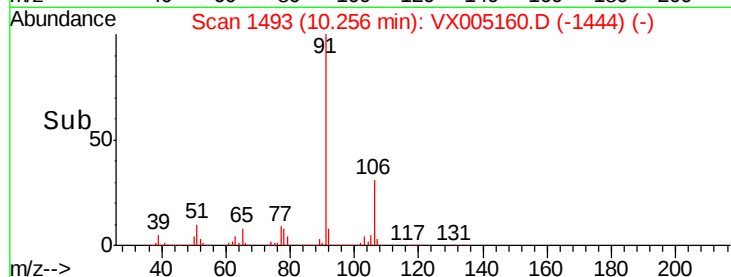
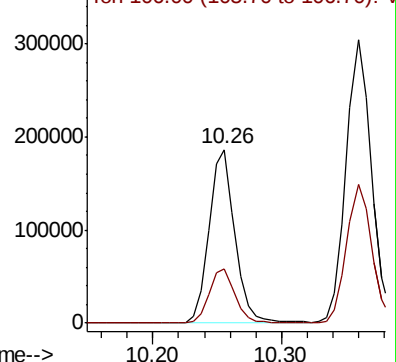
Ion Ratio Lower Upper

91 100

106 31.1 26.9 40.3



Abundance Ion 91.00 (90.70 to 91.70): VX004724.D (-1485) (-)



#68

m/p-Xylenes

Concen: 46.878 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005160.D

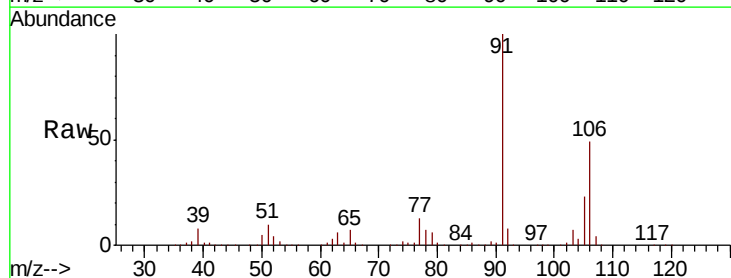
Acq: 09 Oct 2018 15:48

Tgt Ion: 106 Resp: 205867

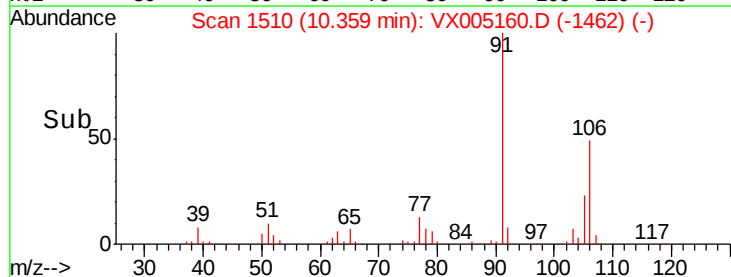
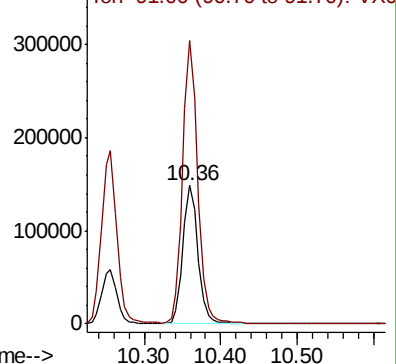
Ion Ratio Lower Upper

106 100

91 203.6 157.5 236.3



Abundance Ion 106.00 (105.70 to 106.70): VX004724.D (-1504) (-)

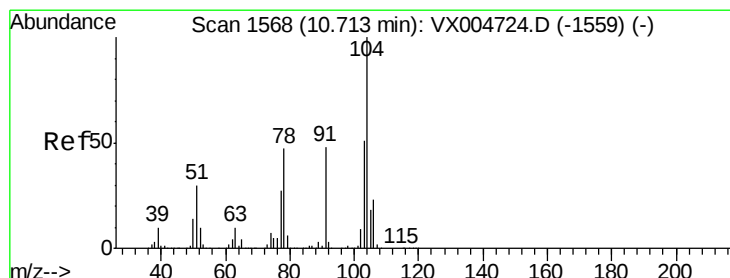
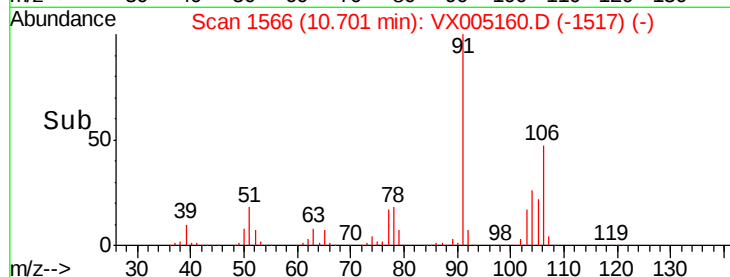
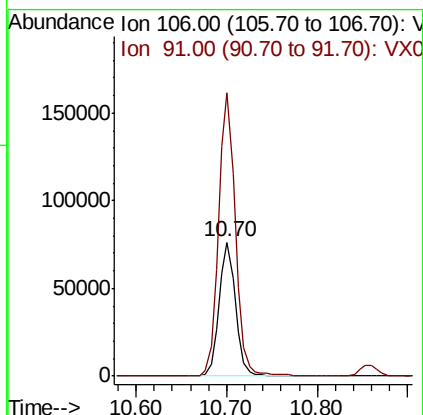
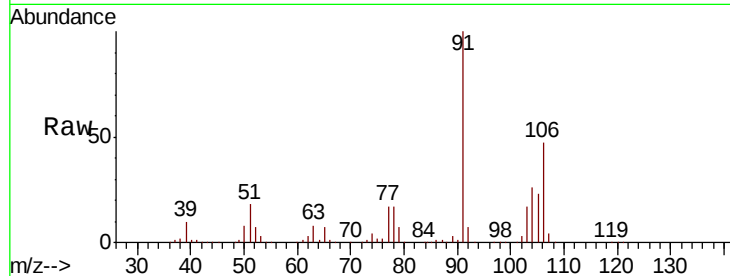




#69
o-Xylene
Concen: 24.250 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

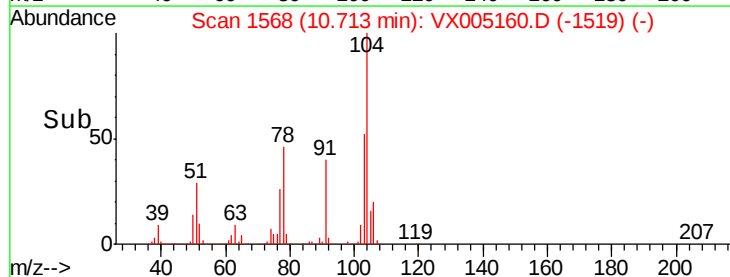
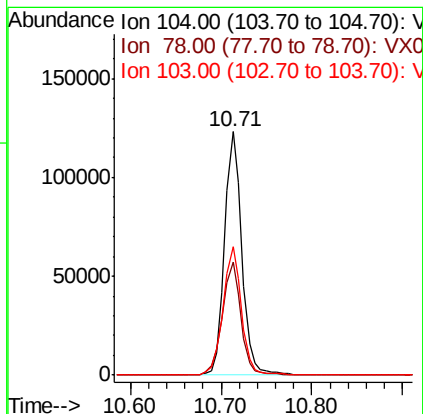
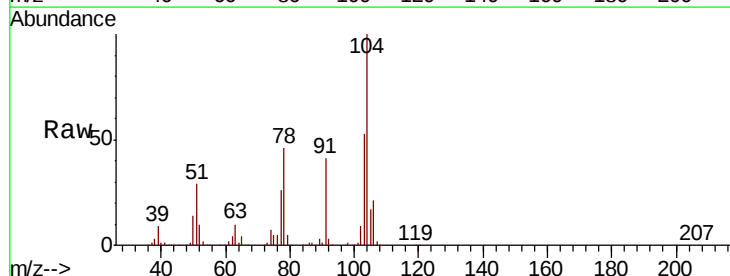
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

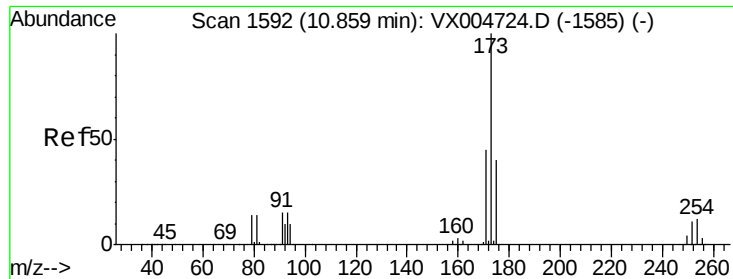
Tot Ion:106 Resp: 97814
Ion Ratio Lower Upper
106 100
91 214.6 108.3 324.8



#70
Styrene
Concen: 22.939 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion:104 Resp: 163921
Ion Ratio Lower Upper
104 100
78 50.2 40.0 60.0
103 56.2 44.3 66.5





#71

Bromoform

Concen: 21.836 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

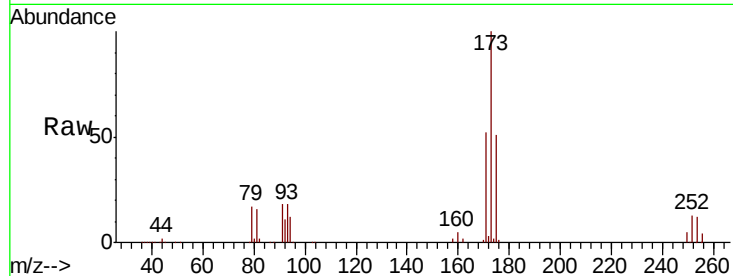
Tot Ion:173 Resp: 46522

Ion Ratio Lower Upper

173 100

175 51.2 23.3 69.8

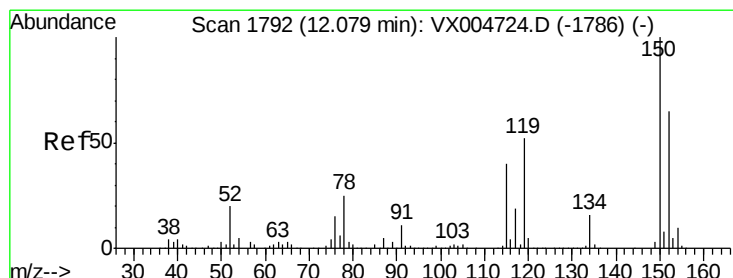
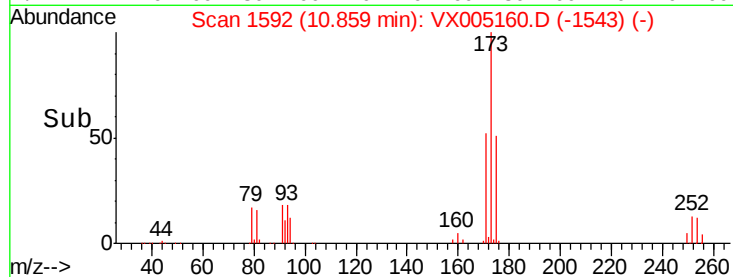
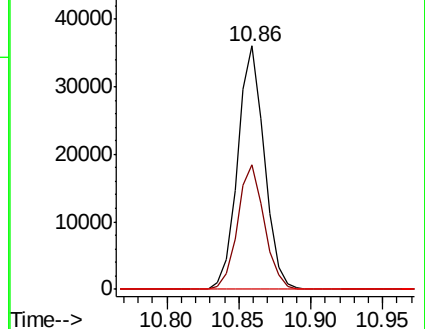
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

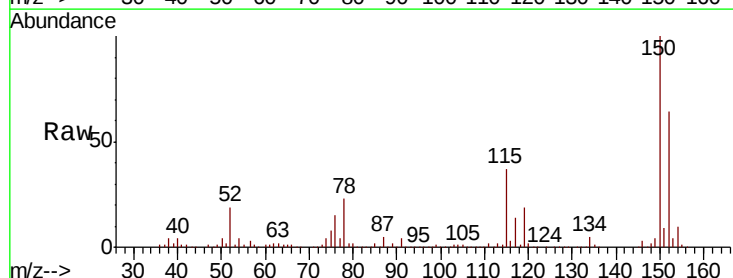
Tgt Ion:152 Resp: 171050

Ion Ratio Lower Upper

152 100

115 66.9 40.2 120.6

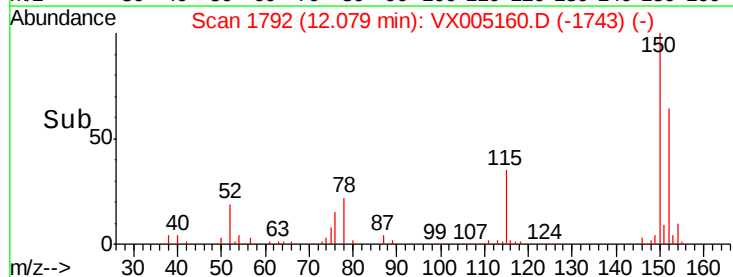
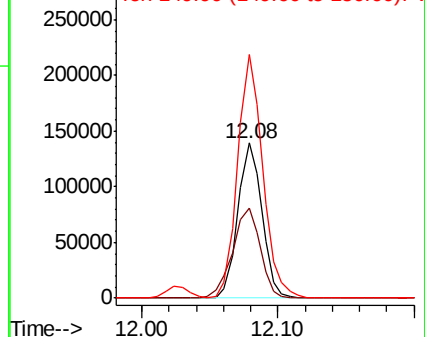
150 164.6 0.0 351.0



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: 24.928 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

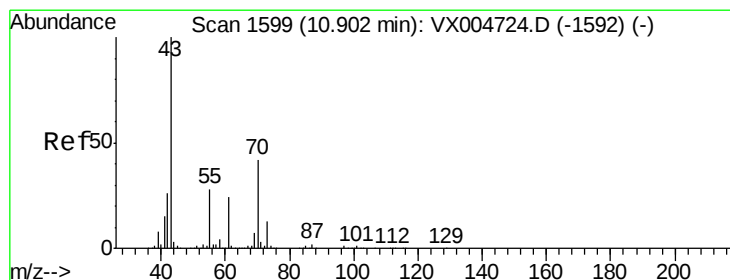
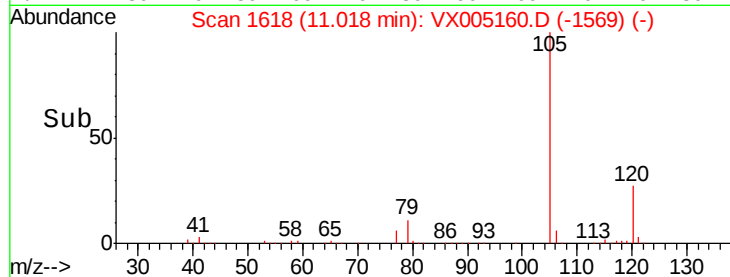
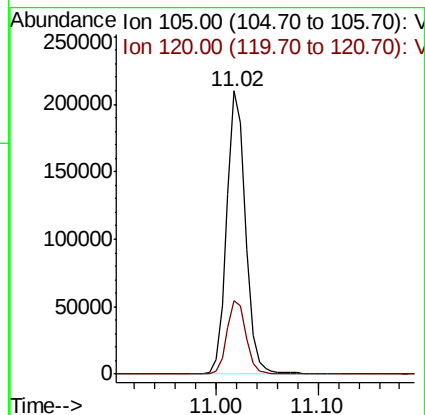
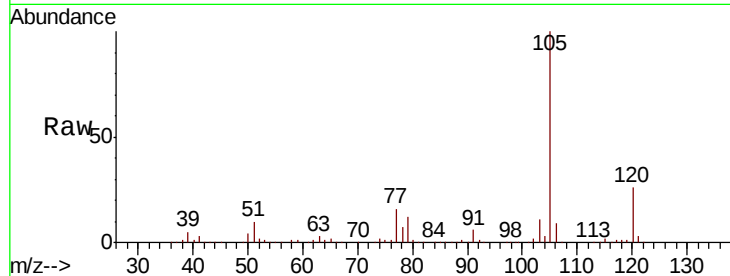
VX1009WBS01

Tot Ion: 105 Resp: 268759

Ion Ratio Lower Upper

105 100

120 26.2 13.2 39.5



#74

N-ethyl acetate

Concen: 21.925 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Tgt Ion: 43 Resp: 123903

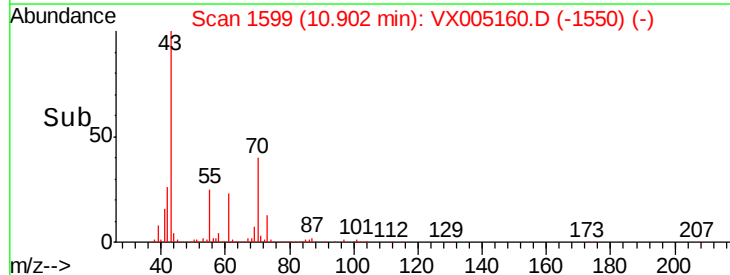
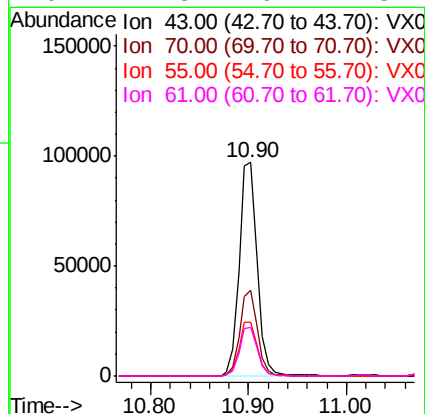
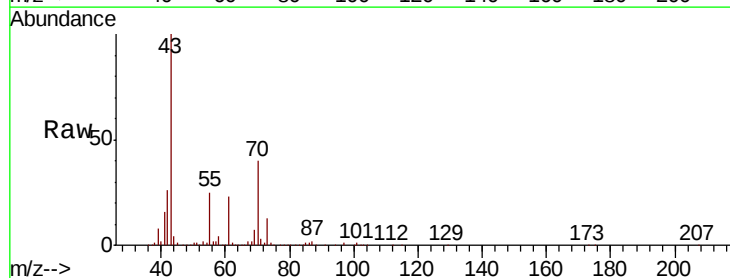
Ion Ratio Lower Upper

43 100

70 39.7 32.6 48.8

55 26.0 21.6 32.4

61 22.8 19.1 28.7





#75

1,1,2,2-Tetrachloroethane

Concen: 21.185 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

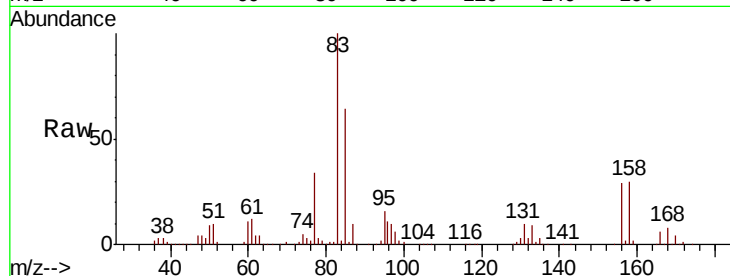
Tot Ion: 83 Resp: 92976

Ion Ratio Lower Upper

83 100

131 10.8 5.1 15.3

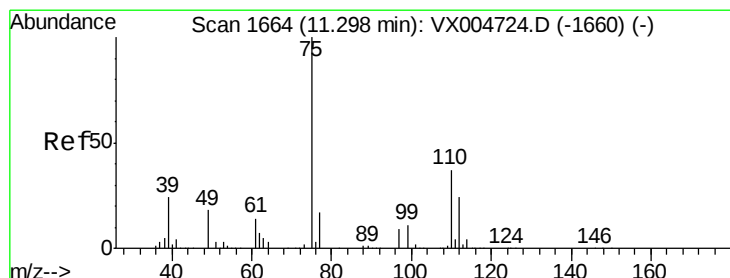
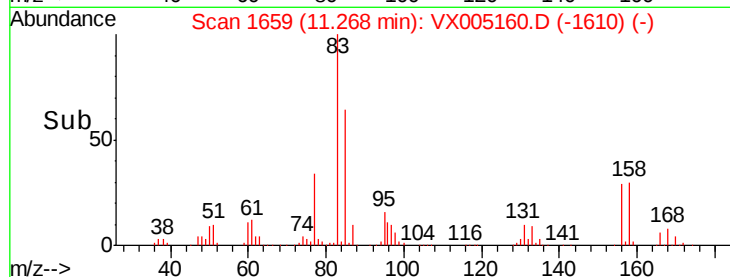
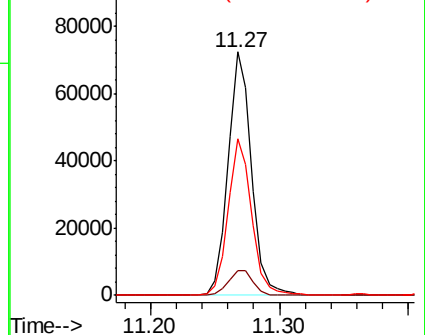
85 64.5 31.9 95.9



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: 28.089 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX005160.D

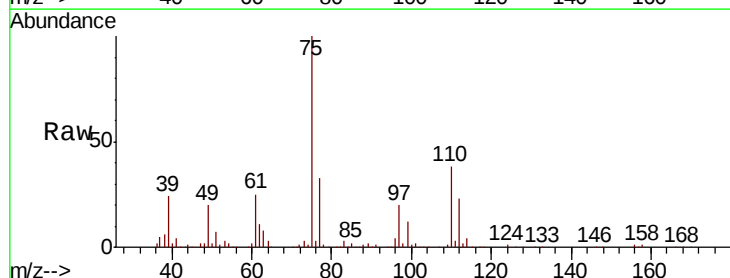
Acq: 09 Oct 2018 15:48

Tgt Ion: 75 Resp: 107689

Ion Ratio Lower Upper

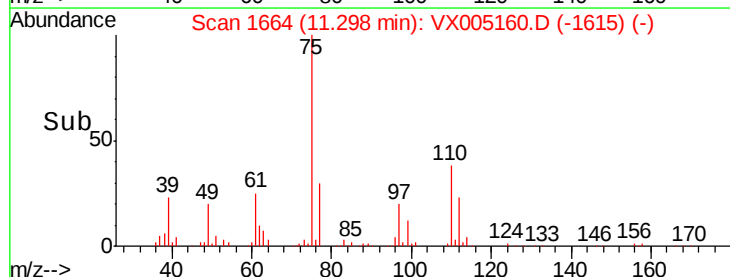
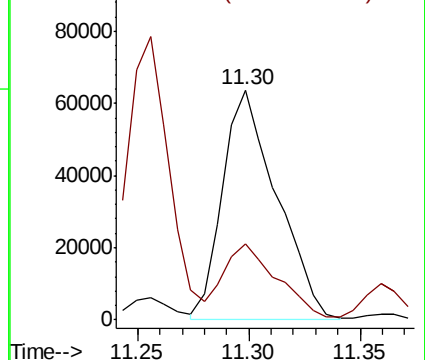
75 100

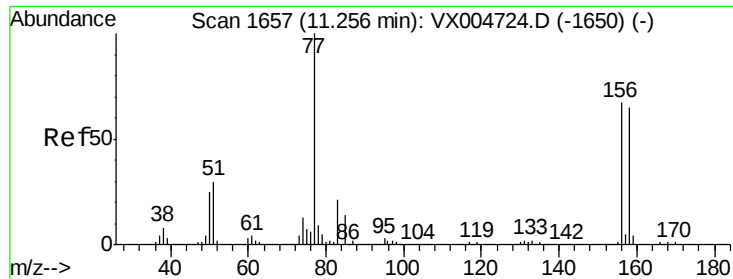
77 33.1 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 22.965 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

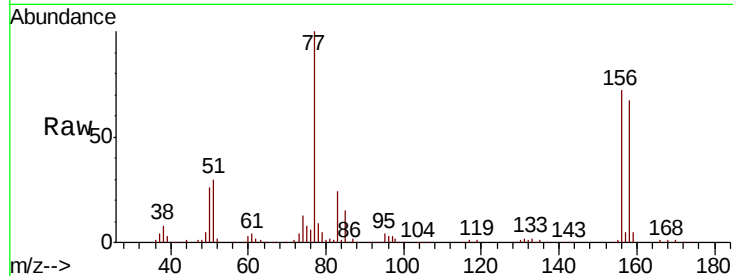
Tot Ion:156 Resp: 71917

Ion Ratio Lower Upper

156 100

77 144.4 73.4 220.2

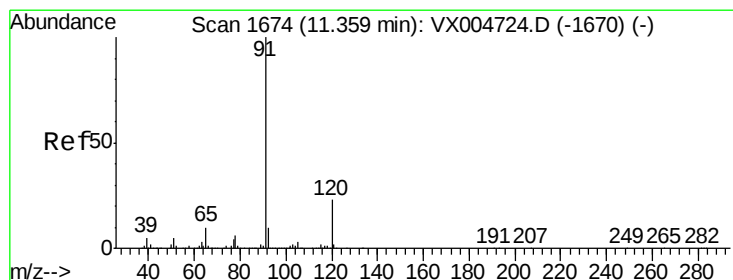
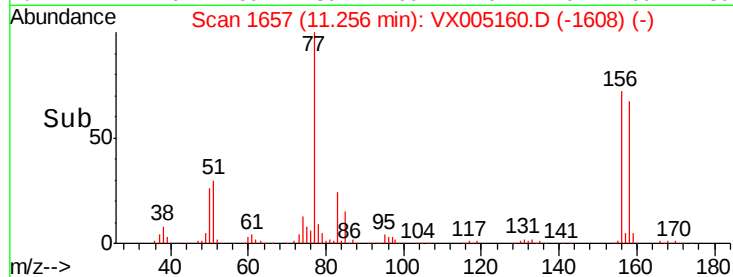
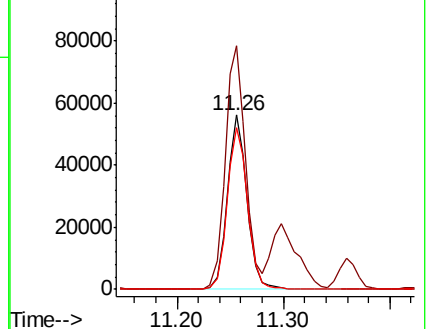
158 96.9 49.1 147.4



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: 24.758 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX005160.D

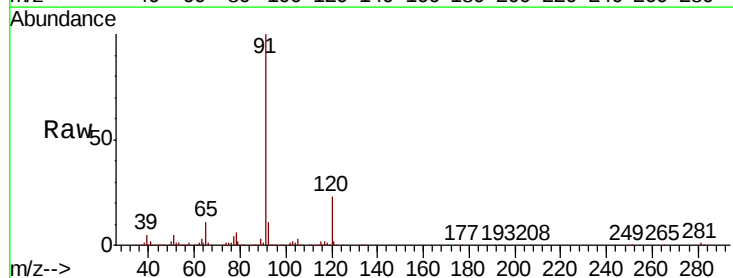
Acq: 09 Oct 2018 15:48

Tgt Ion: 91 Resp: 306269

Ion Ratio Lower Upper

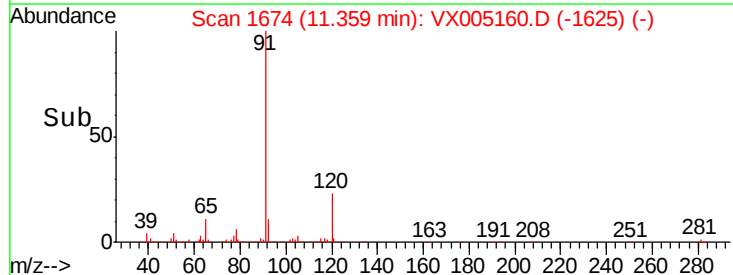
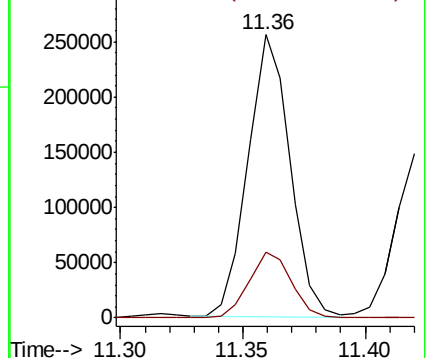
91 100

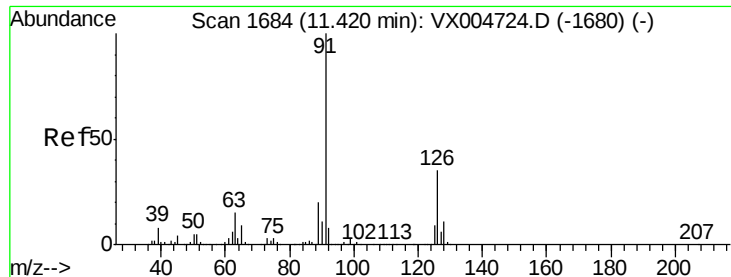
120 23.8 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 24.152 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

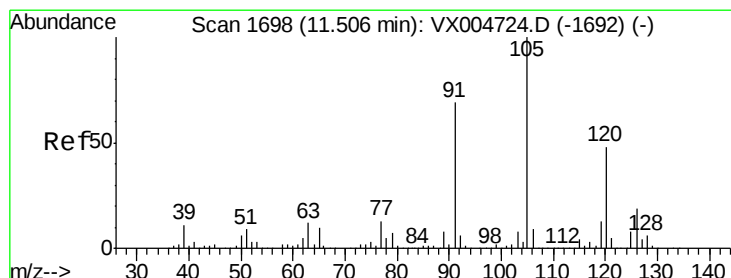
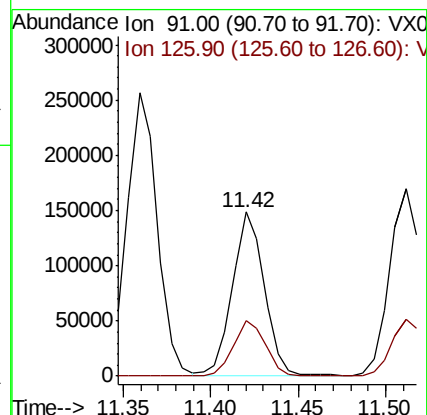
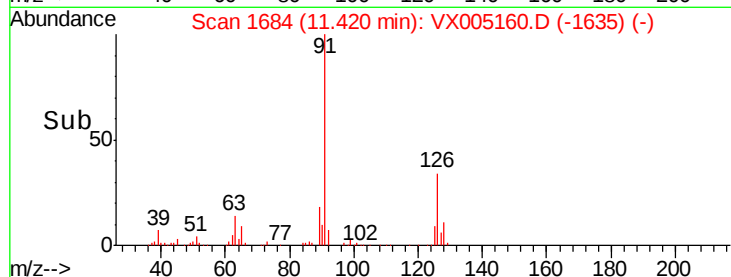
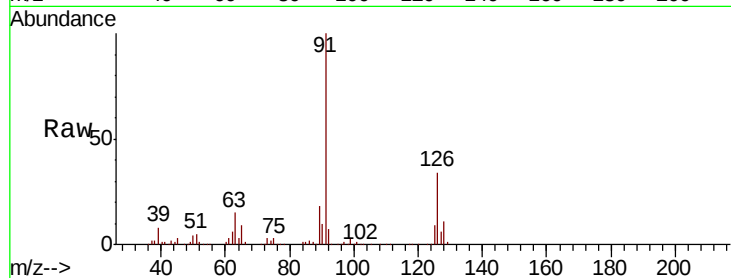
VX1009WBS01

Tot Ion: 91 Resp: 186232

Ion Ratio Lower Upper

91 100

126 35.0 17.6 52.9



#80

1,3,5-Trimethylbenzene

Concen: 23.008 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX005160.D

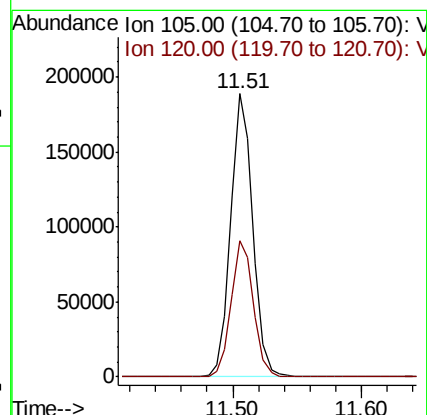
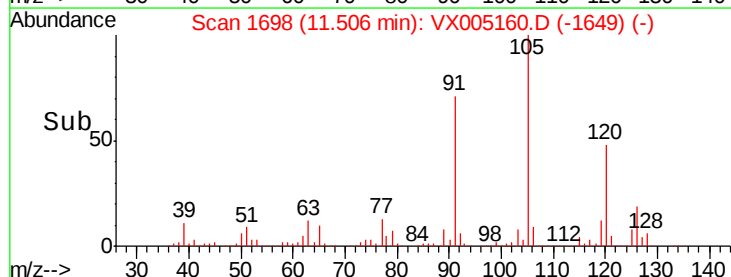
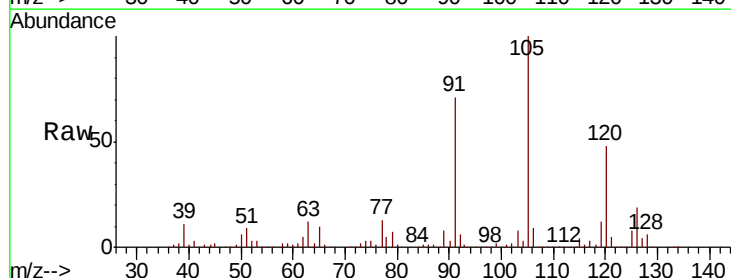
Acq: 09 Oct 2018 15:48

Tgt Ion: 105 Resp: 228416

Ion Ratio Lower Upper

105 100

120 48.6 24.3 72.8





#81

trans-1,4-Dichloro-2-butene

Concen: 19.305 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampled :

VX1009WBS01

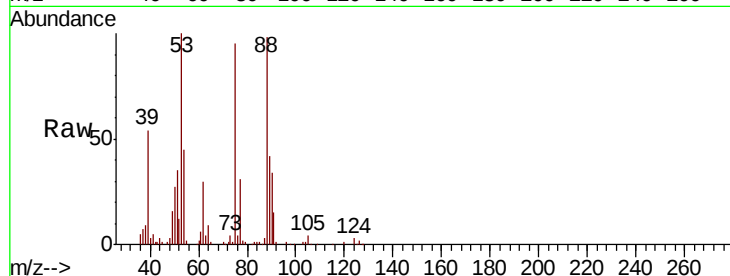
Tot Ion: 75 Resp: 25351

Ion Ratio Lower Upper

75 100

53 103.9 80.2 120.4

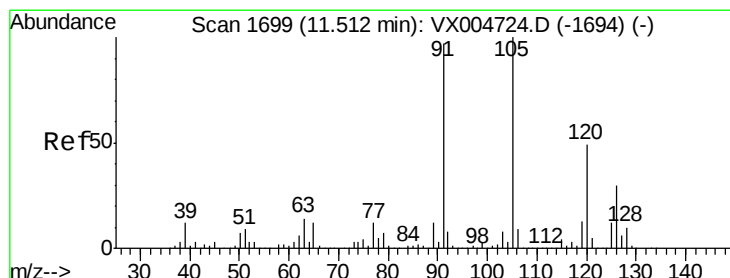
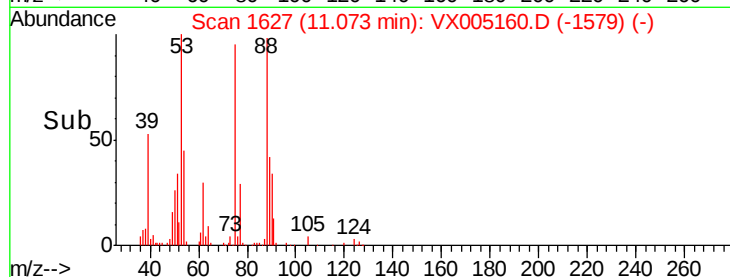
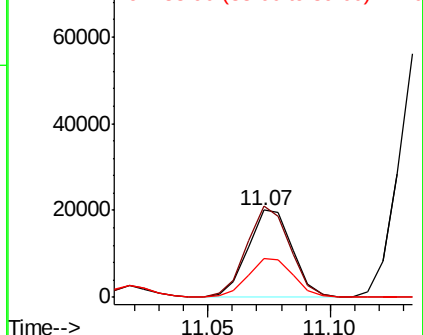
89 45.9 37.1 55.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 24.039 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX005160.D

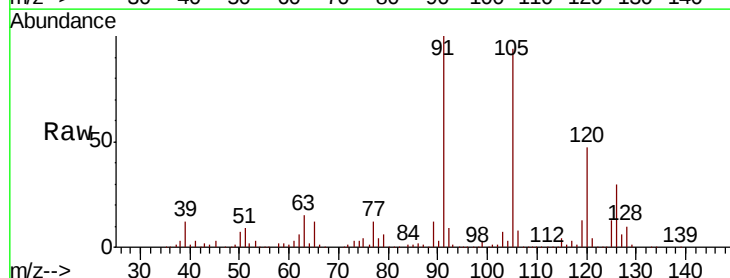
Acq: 09 Oct 2018 15:48

Tgt Ion: 91 Resp: 218173

Ion Ratio Lower Upper

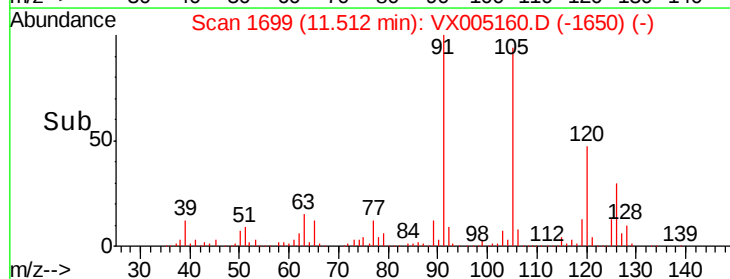
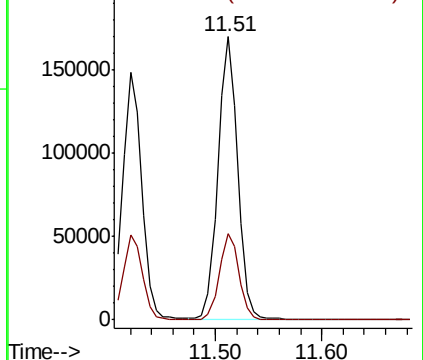
91 100

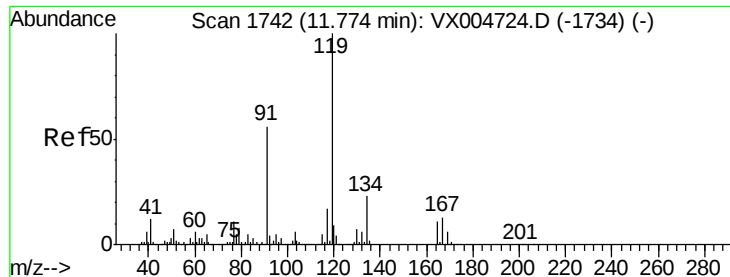
126 30.5 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

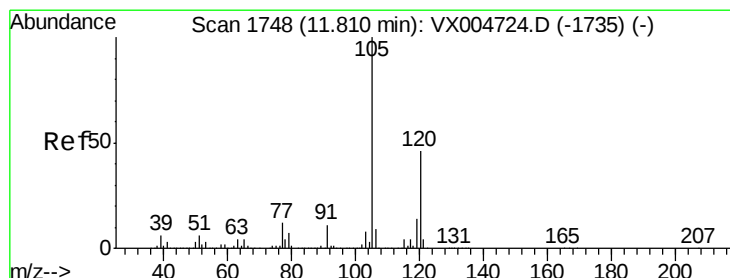
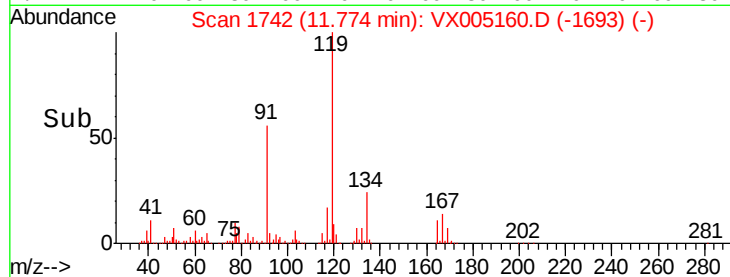
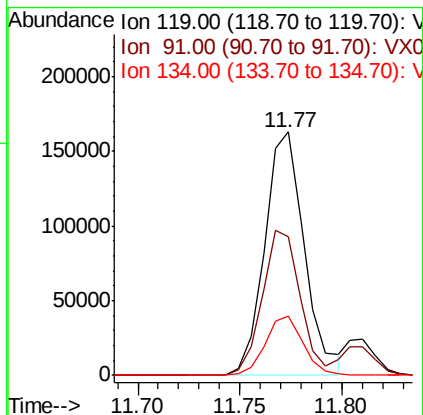
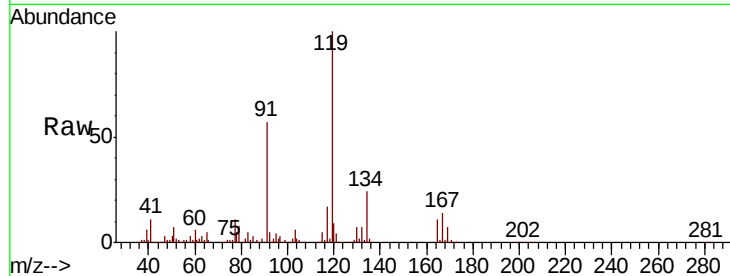




#83
 tert-Butylbenzene
 Concen: 24.902 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

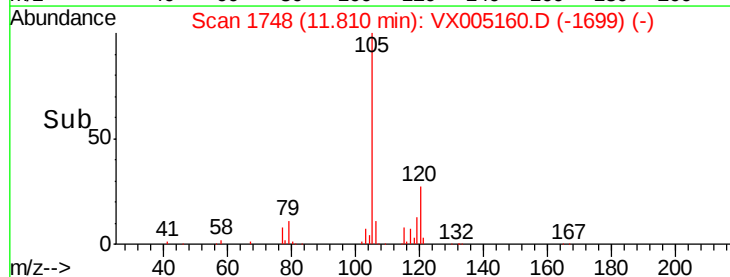
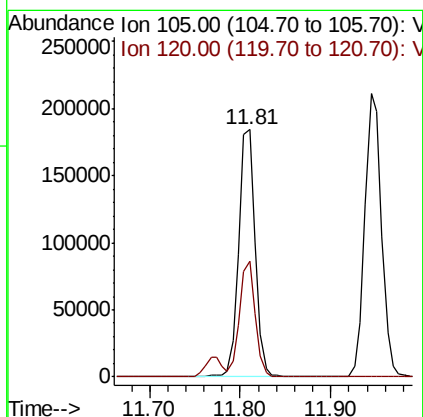
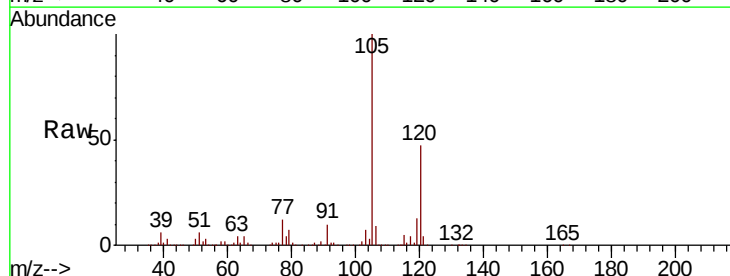
Instrument :
 MSVOA_X
 ClientSampled :
 VX1009WBS01

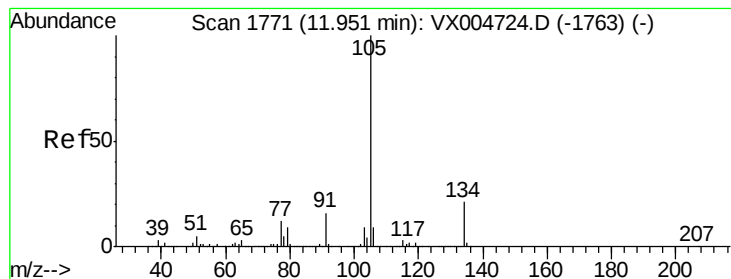
Tot Ion:119 Resp: 221050
 Ion Ratio Lower Upper
 119 100
 91 56.8 27.5 82.5
 134 23.0 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 22.700 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.00 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Tgt Ion:105 Resp: 232425
 Ion Ratio Lower Upper
 105 100
 120 44.6 22.8 68.3





#85

sec-Butylbenzene

Concen: 24.879 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

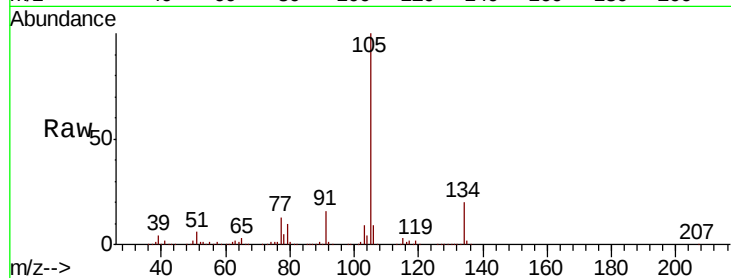
VX1009WBS01

Tot Ion:105 Resp: 268996

Ion Ratio Lower Upper

105 100

134 20.4 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

250000

200000

150000

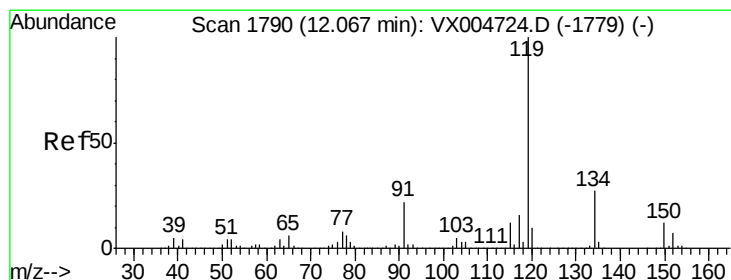
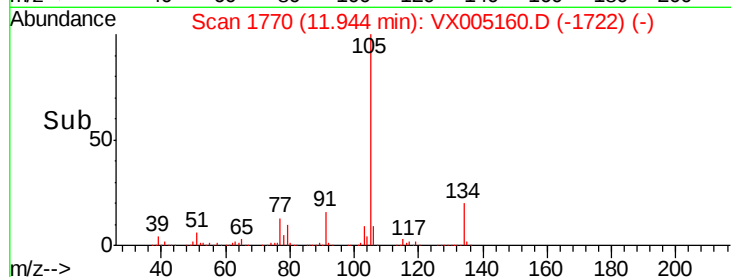
100000

50000

0

Time-->

11.90 11.95 12.00



#86

p-Isopropyltoluene

Concen: 24.633 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

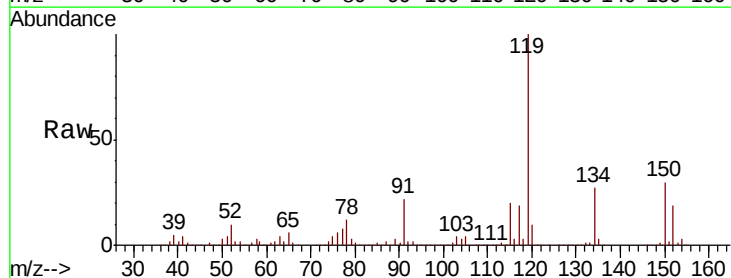
Tgt Ion:119 Resp: 241305

Ion Ratio Lower Upper

119 100

134 26.1 13.4 40.1

91 23.0 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

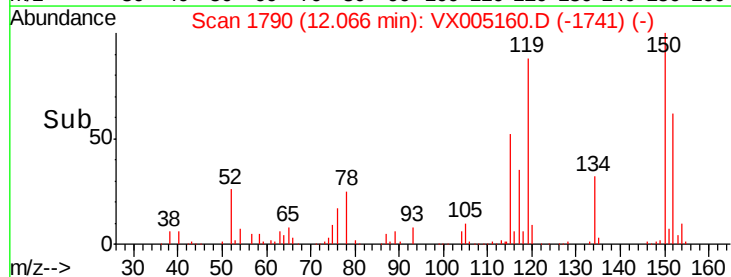
100000

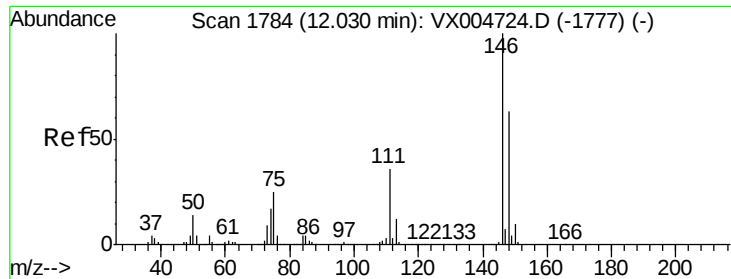
50000

0

Time-->

12.00 12.10

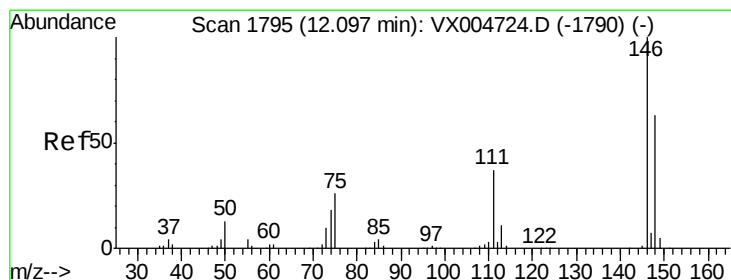
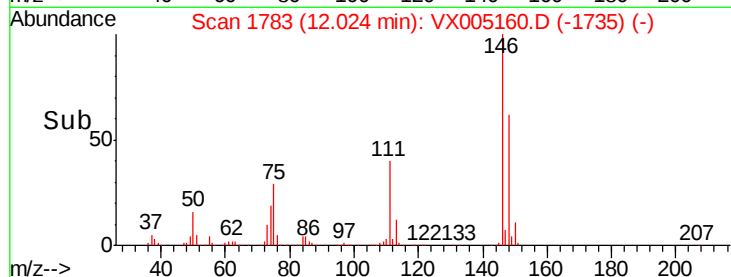
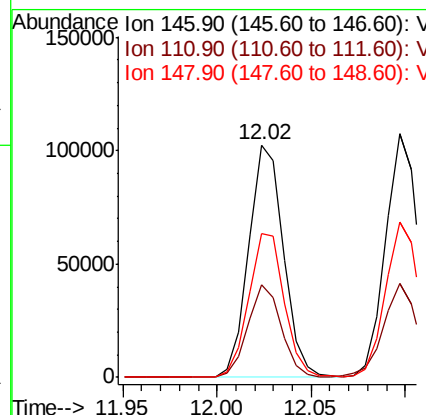
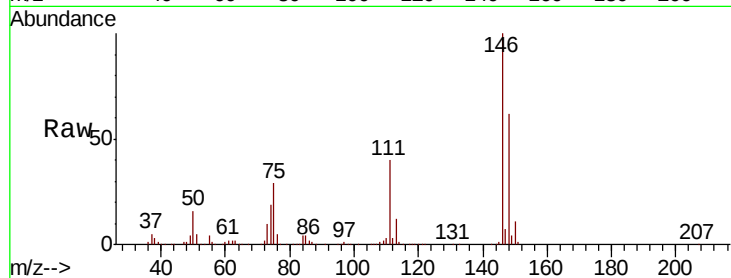




#87
 1,3-Dichlorobenzene
 Concen: 22.491 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

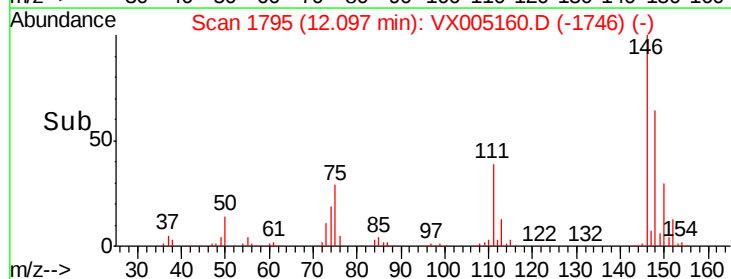
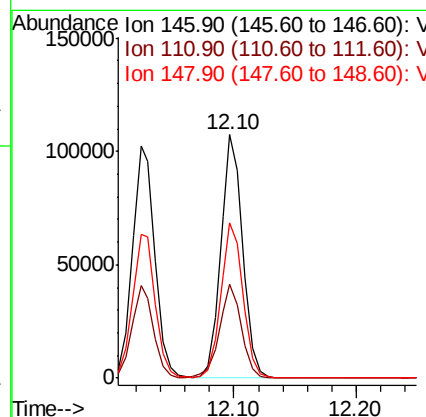
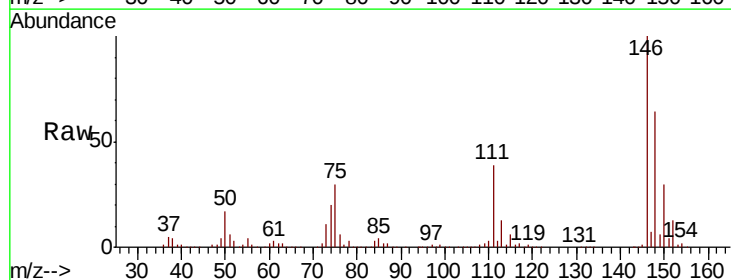
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1009WBS01

Tot Ion	Ratio	Lower	Upper
146	100		
111	38.4	18.9	56.9
148	63.3	31.8	95.3



#88
 1,4-Dichlorobenzene
 Concen: 22.218 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.5	18.4	55.2
148	64.5	32.0	96.0

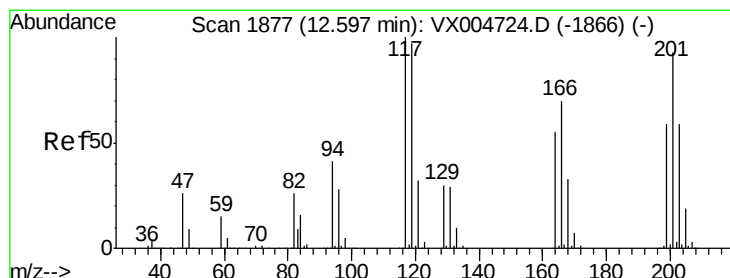
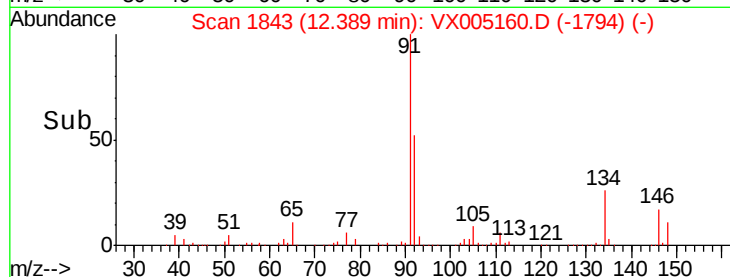
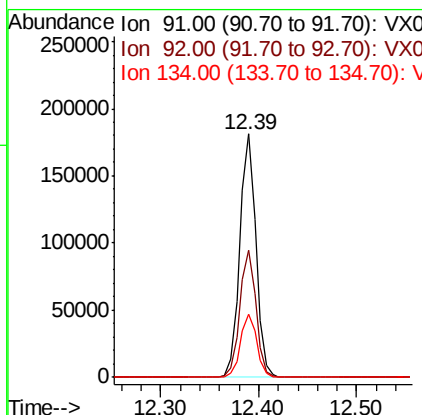
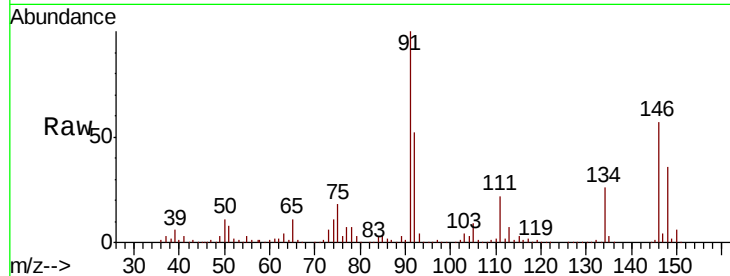




#89
n-Butylbenzene
Concen: 23.269 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

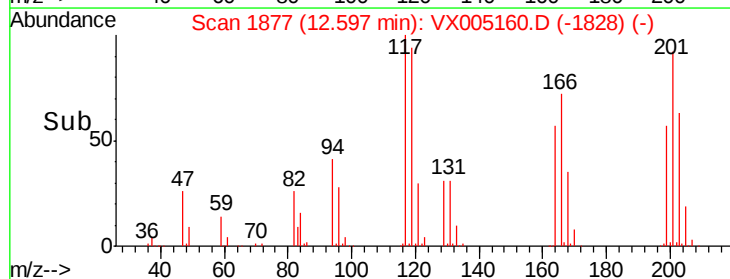
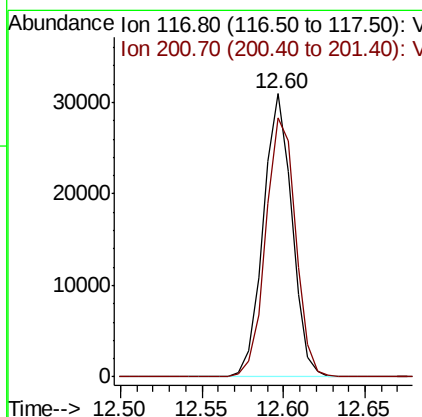
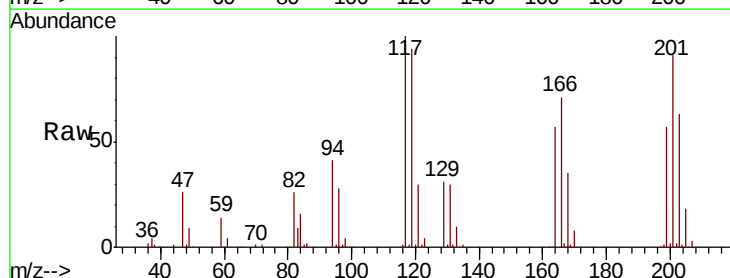
Instrument :
MSVOA_X
ClientSampleId :
VX1009WBS01

Tot Ion: 91 Resp: 207010
Ion Ratio Lower Upper
91 100
92 52.2 26.0 78.0
134 26.2 13.2 39.6



#90
Hexachloroethane
Concen: 23.153 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX005160.D
Acq: 09 Oct 2018 15:48

Tgt Ion: 117 Resp: 37763
Ion Ratio Lower Upper
117 100
201 94.9 48.4 145.0





#91

1,2-Dichlorobenzene

Concen: 21.689 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampled :

VX1009WBS01

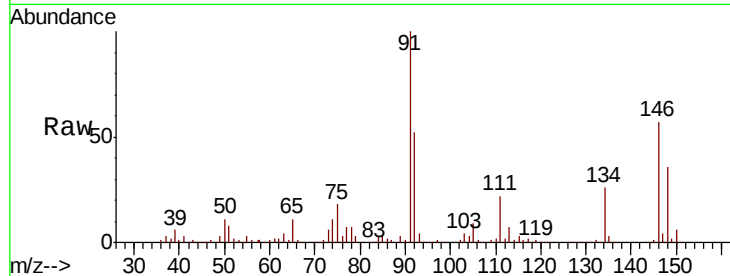
Tot Ion:146 Resp: 132538

Ion Ratio Lower Upper

146 100

111 39.5 19.6 58.7

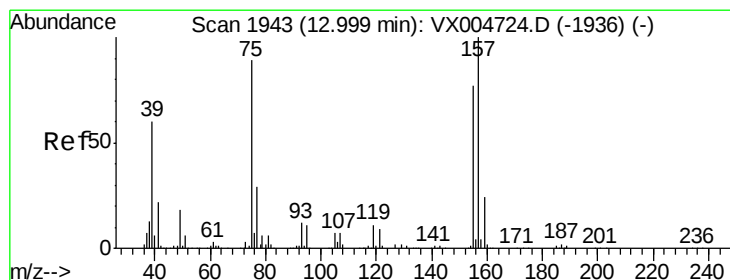
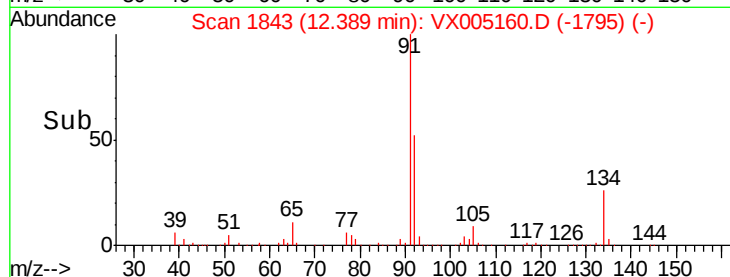
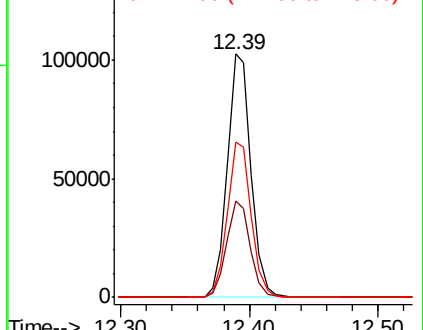
148 64.2 31.8 95.4



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: 22.977 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

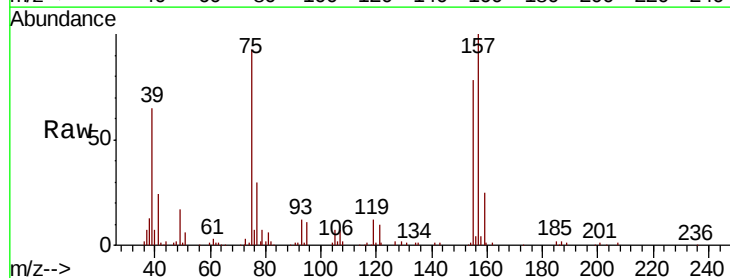
Tgt Ion: 75 Resp: 22142

Ion Ratio Lower Upper

75 100

155 90.1 46.1 138.3

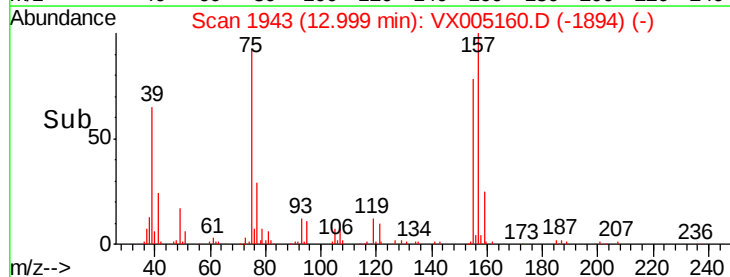
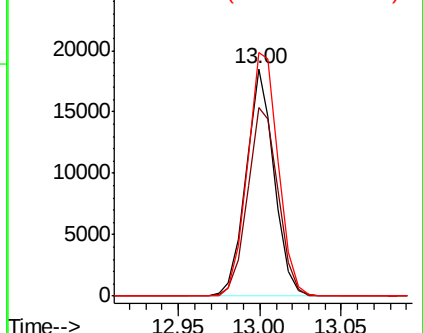
157 117.3 60.2 180.6

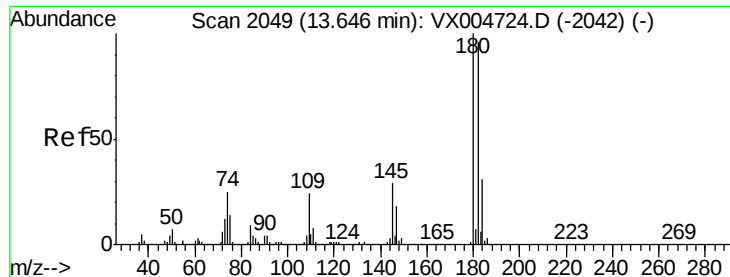


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

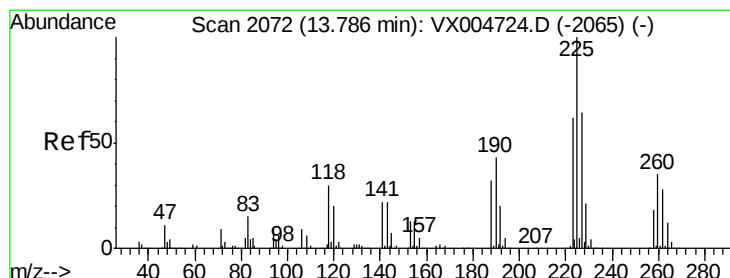
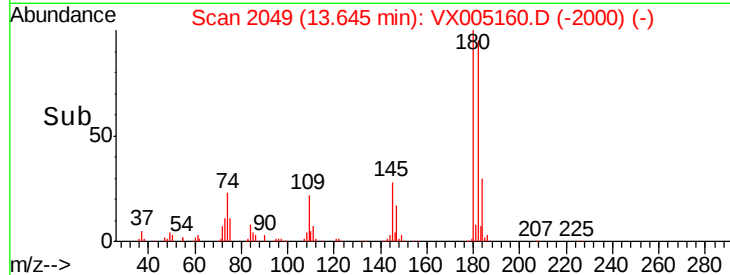
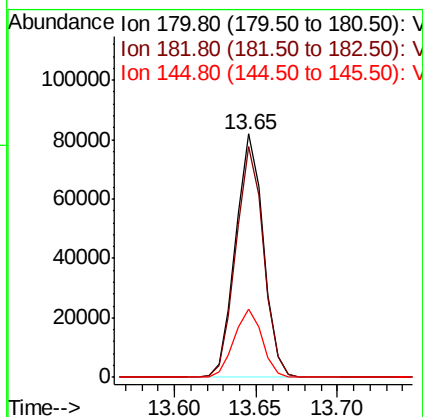
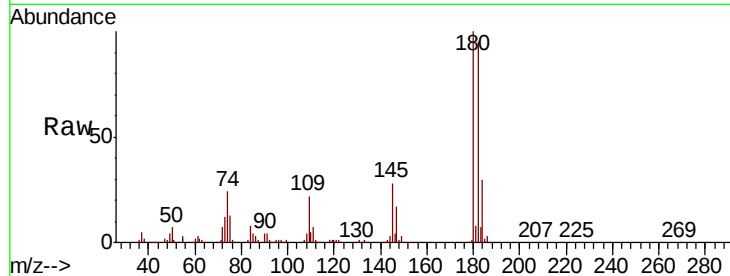




#93
 1,2,4-Trichlorobenzene
 Concen: 22.640 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

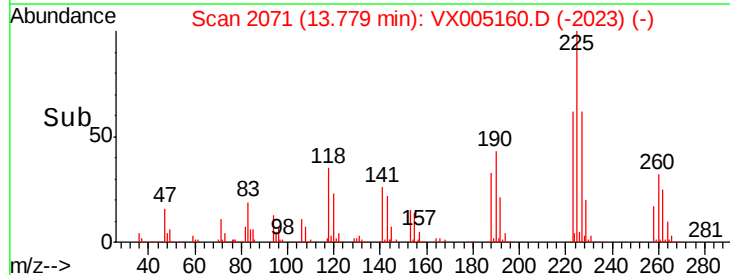
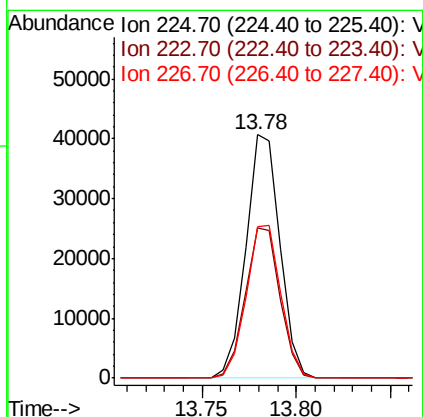
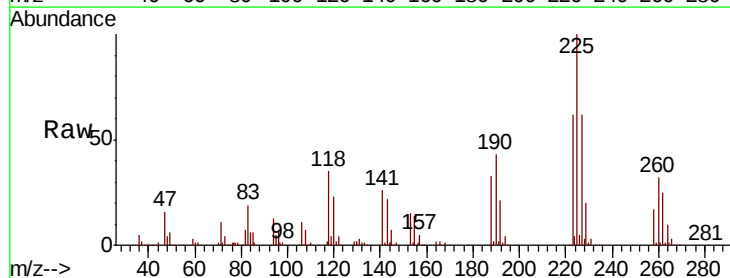
Instrument :
 MSVOA_X
 ClientSampled :
 VX1009WBS01

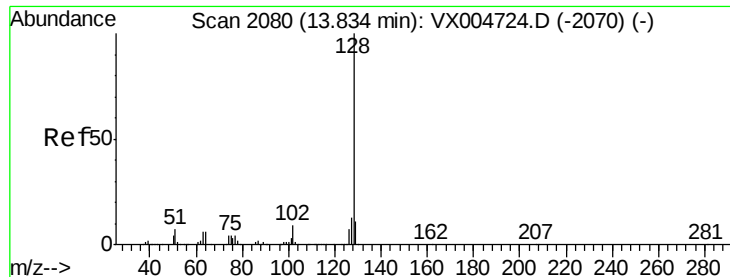
Tot Ion:180 Resp: 97051
 Ion Ratio Lower Upper
 180 100
 182 94.6 47.8 143.4
 145 28.1 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 22.884 ug/l
 RT: 13.78 min Scan# 2071
 Delta R.T. -0.01 min
 Lab File: VX005160.D
 Acq: 09 Oct 2018 15:48

Tgt Ion:225 Resp: 50869
 Ion Ratio Lower Upper
 225 100
 223 62.9 31.3 93.8
 227 64.0 31.9 95.5





#95

Naphthalene

Concen: 21.327 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. -0.00 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

Instrument :

MSVOA_X

ClientSampleId :

VX1009WBS01

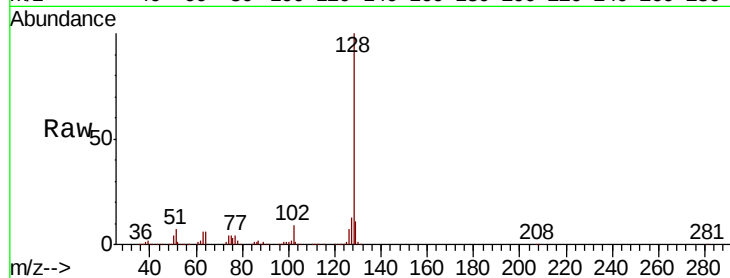
Tot Ion:128 Resp: 297484

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

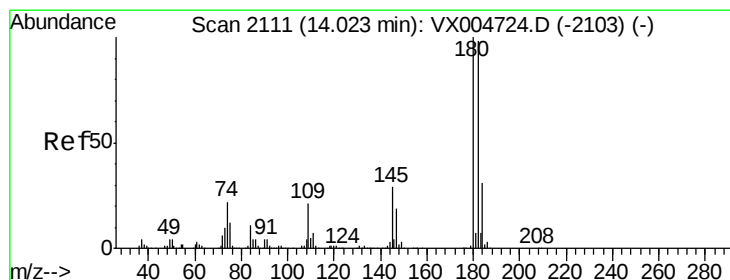
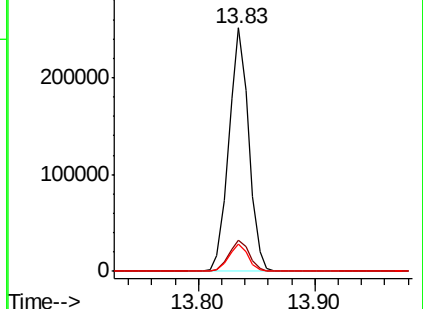
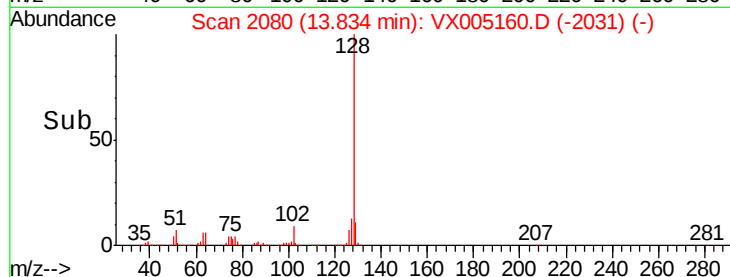
129 11.1 8.7 13.1



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: 22.821 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX005160.D

Acq: 09 Oct 2018 15:48

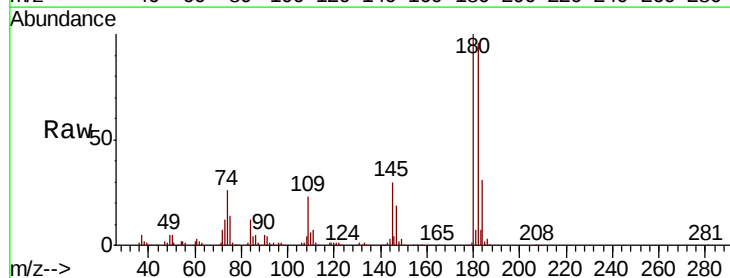
Tgt Ion:180 Resp: 101055

Ion Ratio Lower Upper

180 100

182 95.7 47.9 143.8

145 29.6 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

