

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX101018\
 Data File : VX005231.D
 Acq On : 11 Oct 2018 04:04
 Operator : JC/MD
 Sample : VX1010WBS04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS04

Quant Time: Oct 11 08:07:54 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	178791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	267745	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	275412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	169726	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	133803	52.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.78%	
35) Dibromofluoromethane	5.50	113	113001	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
50) Toluene-d8	8.72	98	421984	55.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.88%	
62) 4-Bromofluorobenzene	11.14	95	162590	59.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	119.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	52149	21.392	ug/l	97
3) Chloromethane	1.32	50	58980	19.942	ug/l	100
4) Vinyl Chloride	1.40	62	58075	20.936	ug/l	100
5) Bromomethane	1.64	94	34648	21.064	ug/l	93
6) Chloroethane	1.71	64	33439	20.759	ug/l	97
7) Trichlorofluoromethane	1.93	101	76060	22.148	ug/l	94
8) Diethyl Ether	2.19	74	29097	19.504	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	40884	20.900	ug/l	98
10) Methyl Iodide	2.51	142	41444	15.832	ug/l	91
11) Tert butyl alcohol	3.08	59	79327	111.082	ug/l	100
12) 1,1-Dichloroethene	2.37	96	38993	20.128	ug/l	93
13) Acrolein	2.29	56	41032	80.756	ug/l	93
14) Allyl chloride	2.73	41	84220	19.925	ug/l	95
15) Acrylonitrile	3.15	53	165030	104.976	ug/l	96
16) Acetone	2.45	43	151668	101.716	ug/l	92
17) Carbon Disulfide	2.57	76	112173	19.270	ug/l	100
18) Methyl Acetate	2.78	43	88137	23.330	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	143125	21.419	ug/l	98
20) Methylene Chloride	2.85	84	45814	20.639	ug/l	89
21) trans-1,2-Dichloroethene	3.16	96	42329	19.960	ug/l #	81
22) Diisopropyl ether	3.87	45	138460	19.453	ug/l	97
23) Vinyl Acetate	3.82	43	622297	95.513	ug/l	97
24) 1,1-Dichloroethane	3.70	63	85594	20.159	ug/l	99
25) 2-Butanone	4.71	43	213800	97.274	ug/l	97
26) 2,2-Dichloropropane	4.58	77	37026	12.523	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	42707	18.027	ug/l	95
28) Bromochloromethane	5.01	49	37351	18.681	ug/l	99
29) Tetrahydrofuran	5.16	42	136670	100.045	ug/l	98
30) Chloroform	5.21	83	76532	19.072	ug/l	99
31) Cyclohexane	5.57	56	64203	19.757	ug/l	90
32) 1,1,1-Trichloroethane	5.49	97	65079	19.859	ug/l	97
36) 1,1-Dichloropropene	5.80	75	54680	17.662	ug/l	95
37) Ethyl Acetate	4.86	43	75232	18.306	ug/l	98
38) Carbon Tetrachloride	5.78	117	57938	17.803	ug/l	100

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Quant Time: Oct 11 08:07:54 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)
39) Methylcyclohexane	7.46	83	58689	18.565	ug/l	# 86
40) Benzene	6.13	78	175463	18.103	ug/l	92
41) Methacrylonitrile	5.06	41	40244	17.658	ug/l	95
42) 1,2-Dichloroethane	6.20	62	62082	18.119	ug/l	98
43) Isopropyl Acetate	6.47	43	102599	17.297	ug/l	95
44) Trichloroethene	7.21	130	45092	18.924	ug/l	92
45) 1,2-Dichloropropane	7.52	63	45872	19.299	ug/l	97
46) Dibromomethane	7.66	93	29359	19.654	ug/l	98
47) Bromodichloromethane	7.90	83	56952	20.363	ug/l	97
48) Methyl methacrylate	7.78	41	54459	20.228	ug/l	99
49) 1,4-Dioxane	7.76	88	26453	395.490	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	391174	104.737	ug/l	99
52) Toluene	8.79	92	106370	19.972	ug/l	97
53) t-1,3-Dichloropropene	9.04	75	55162	17.454	ug/l	93
54) cis-1,3-Dichloropropene	8.44	75	62667	18.930	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	44783	19.196	ug/l	95
56) Ethyl methacrylate	9.18	69	62751	18.489	ug/l	99
57) 1,3-Dichloropropane	9.37	76	74047	19.071	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	164417	91.376	ug/l	98
59) 2-Hexanone	9.50	43	306134	98.363	ug/l	94
60) Dibromochloromethane	9.59	129	44971	19.275	ug/l	99
61) 1,2-Dibromoethane	9.68	107	46543	18.629	ug/l	96
64) Tetrachloroethene	9.34	164	47970	17.697	ug/l	96
65) Chlorobenzene	10.14	112	118120	16.725	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.23	131	43309	17.443	ug/l	98
67) Ethyl Benzene	10.26	91	192651	17.182	ug/l	98
68) m/p-Xylenes	10.36	106	153957	35.138	ug/l	96
69) o-Xylene	10.70	106	72498	18.015	ug/l	100
70) Styrene	10.71	104	123693	17.871	ug/l	99
71) Bromoform	10.86	173	36794	17.310	ug/l	# 97
73) Isopropylbenzene	11.02	105	197692	18.479	ug/l	99
74) N-amyl acetate	10.90	43	89745	16.477	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	73983	16.989	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	80520	21.166	ug/l	84
77) Bromobenzene	11.26	156	55089	17.729	ug/l	99
78) n-propylbenzene	11.36	91	226679	18.467	ug/l	99
79) 2-Chlorotoluene	11.42	91	138493	18.101	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	170690	17.279	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	16355	13.247	ug/l	96
82) 4-Chlorotoluene	11.51	91	163743	18.182	ug/l	100
83) tert-Butylbenzene	11.77	119	163326	18.543	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	175622	17.238	ug/l	99
85) sec-Butylbenzene	11.94	105	198969	18.546	ug/l	99
86) p-Isopropyltoluene	12.07	119	176479	18.156	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	101814	17.547	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	102462	17.106	ug/l	98
89) n-Butylbenzene	12.39	91	150671	17.068	ug/l	99
90) Hexachloroethane	12.60	117	28591	17.667	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	101980	16.818	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	17360	18.156	ug/l	97

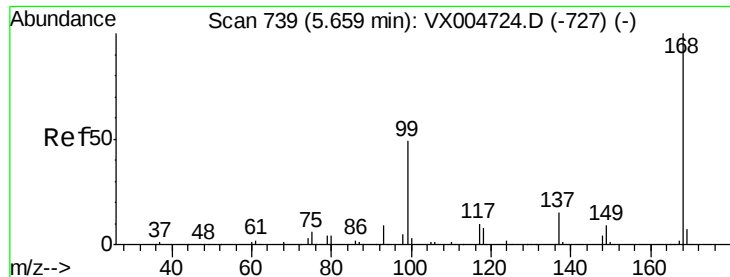
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QLast Update : Wed Oct 03 04:00:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	73219	17.214	ug/l	99
94) Hexachlorobutadiene	13.79	225	37736	17.108	ug/l	99
95) Naphthalene	13.83	128	221743	16.200	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	76087	17.316	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

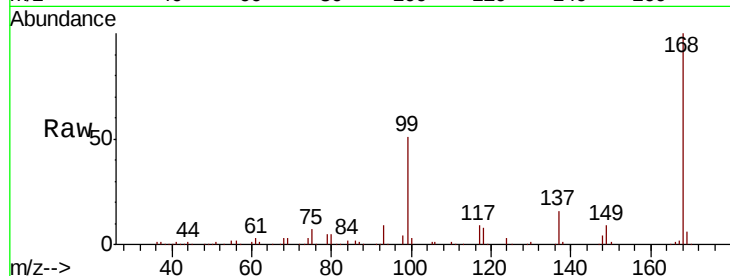
VX1010WBS04

Tot Ion:168 Resp: 178791

Ion Ratio Lower Upper

168 100

99 51.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

60000

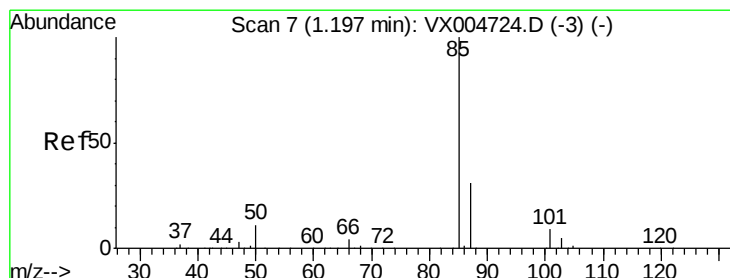
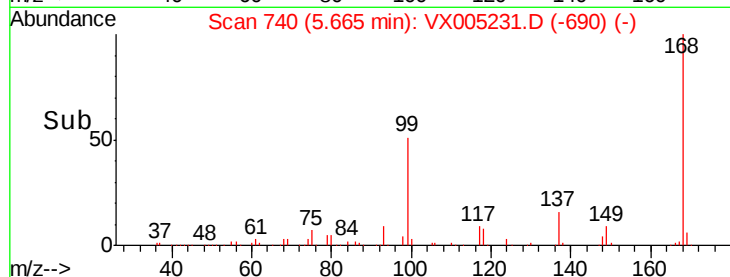
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 21.392 ug/l

RT: 1.20 min Scan# 7

Delta R.T. 0.00 min

Lab File: VX005231.D

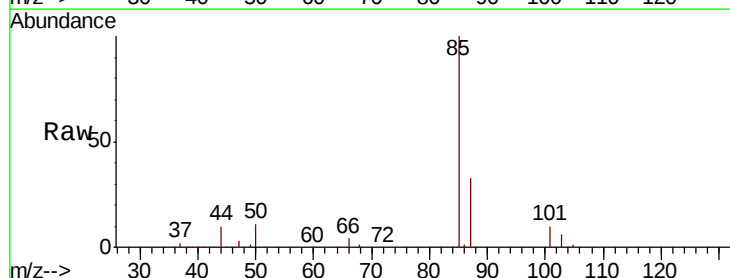
Acq: 11 Oct 2018 04:04

Tgt Ion: 85 Resp: 52149

Ion Ratio Lower Upper

85 100

87 33.1 15.7 47.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

50000

40000

30000

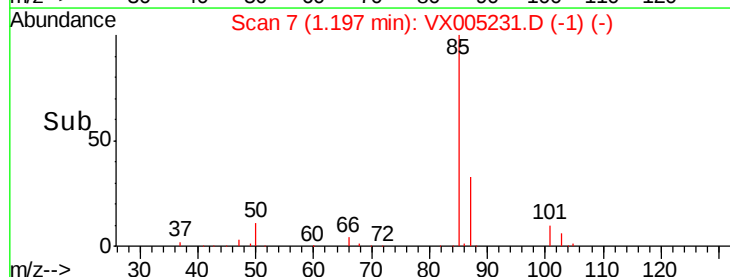
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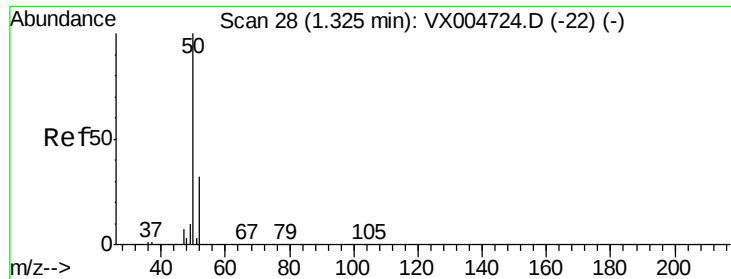
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0

Time-->

1.15 1.20 1.25





#3

Chloromethane

Concen: 19.942 ug/l

RT: 1.32 min Scan# 28

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

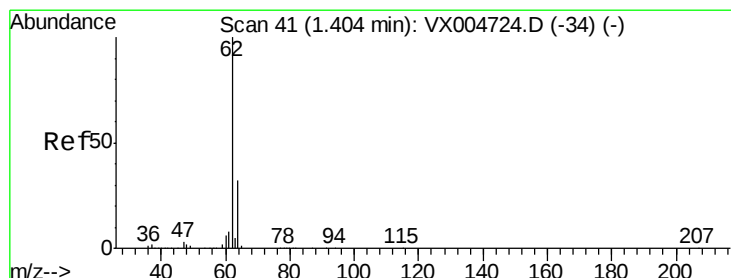
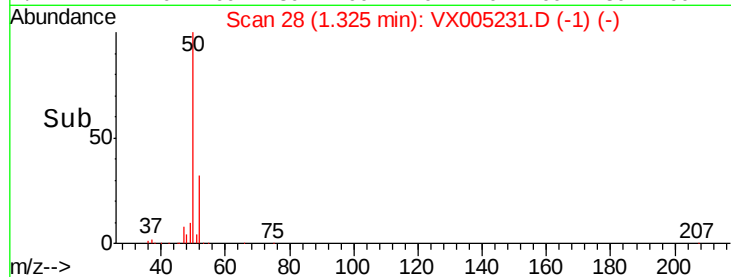
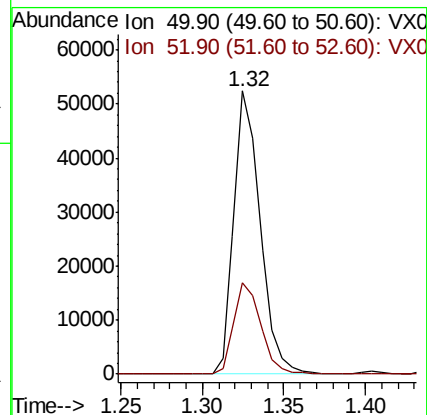
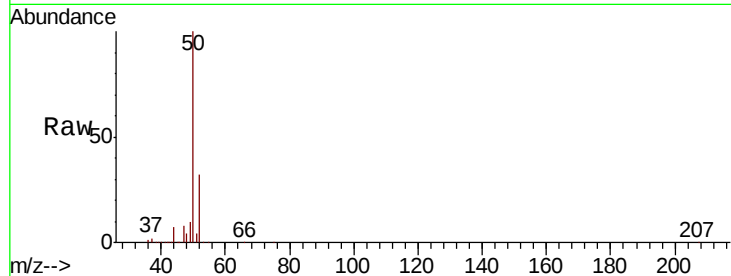
VX1010WBS04

Tot Ion: 50 Resp: 58980

Ion Ratio Lower Upper

50 100

52 32.2 25.8 38.6



#4

Vinyl Chloride

Concen: 20.936 ug/l

RT: 1.40 min Scan# 41

Delta R.T. 0.00 min

Lab File: VX005231.D

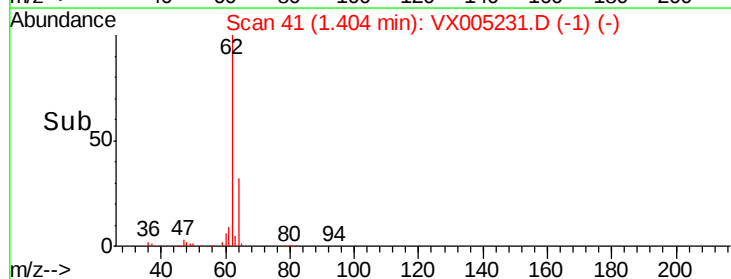
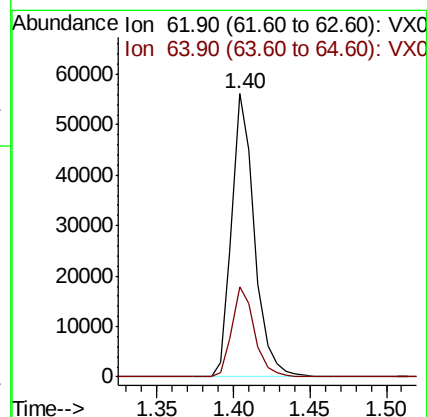
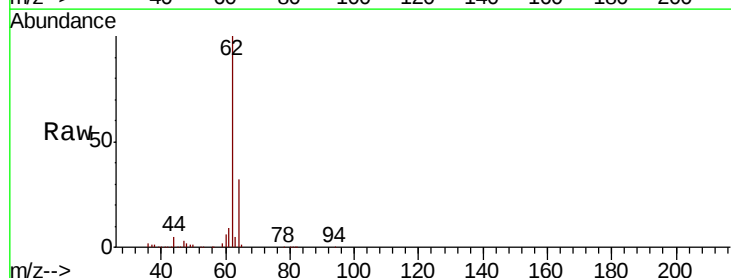
Acq: 11 Oct 2018 04:04

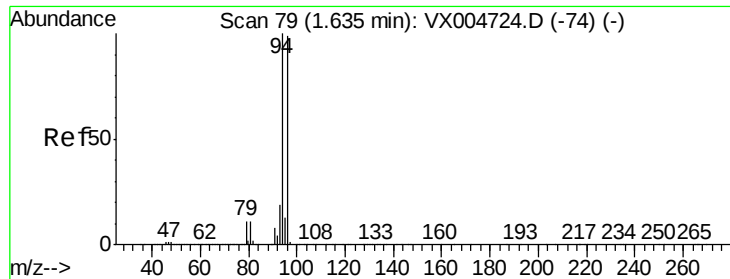
Tgt Ion: 62 Resp: 58075

Ion Ratio Lower Upper

62 100

64 31.8 25.5 38.3





#5

Bromomethane

Concen: 21.064 ug/l

RT: 1.64 min Scan# 79

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

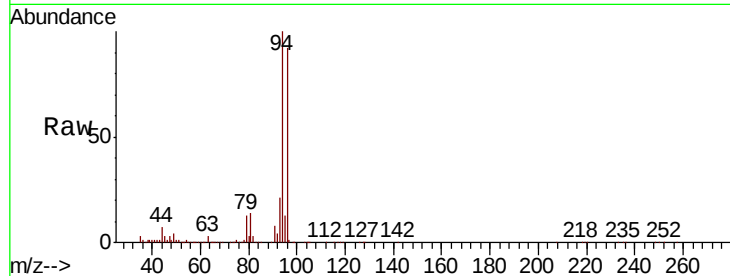
VX1010WBS04

Tot Ion: 94 Resp: 34648

Ion Ratio Lower Upper

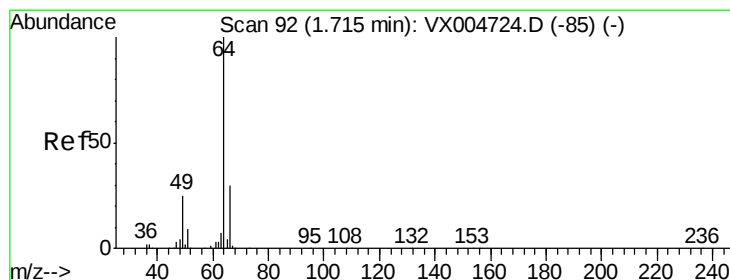
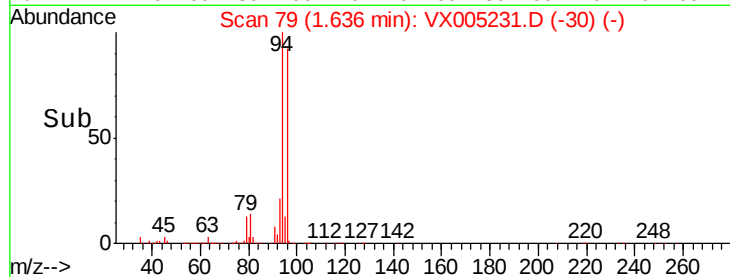
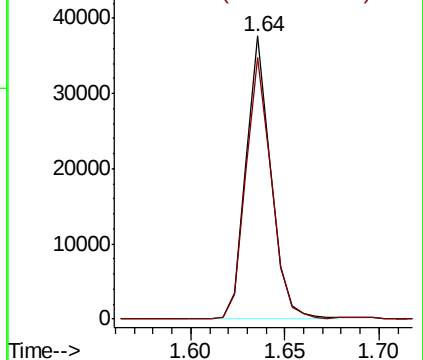
94 100

96 92.2 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: 20.759 ug/l

RT: 1.71 min Scan# 92

Delta R.T. 0.00 min

Lab File: VX005231.D

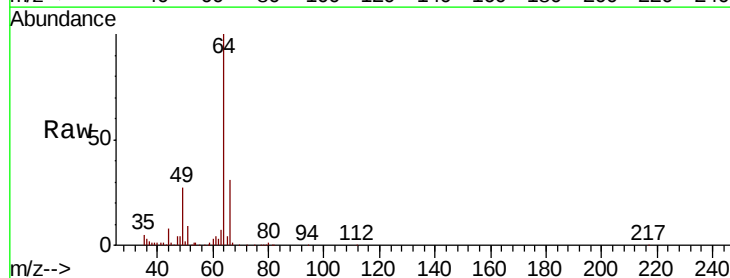
Acq: 11 Oct 2018 04:04

Tgt Ion: 64 Resp: 33439

Ion Ratio Lower Upper

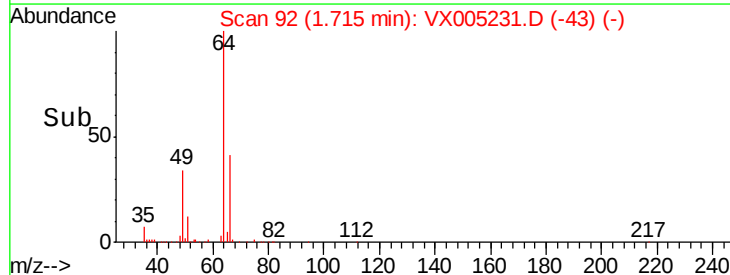
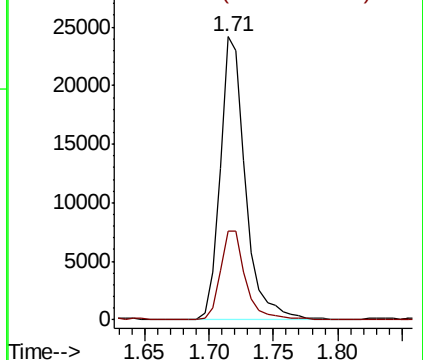
64 100

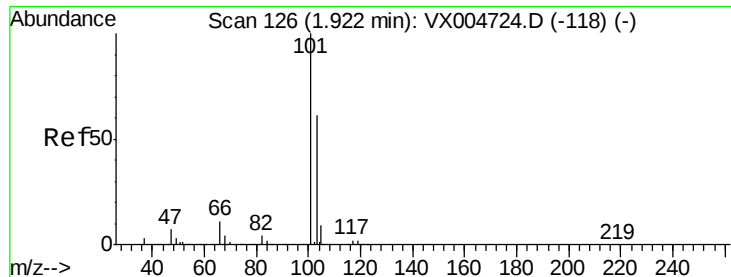
66 31.3 23.8 35.6



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



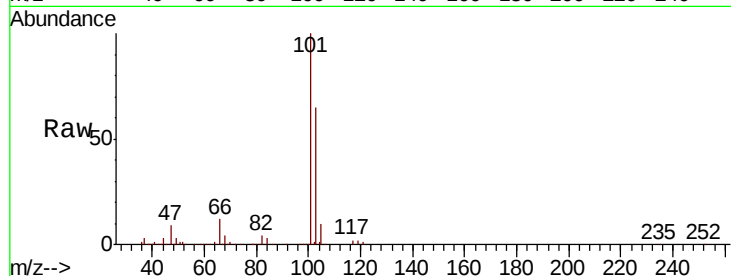


#7

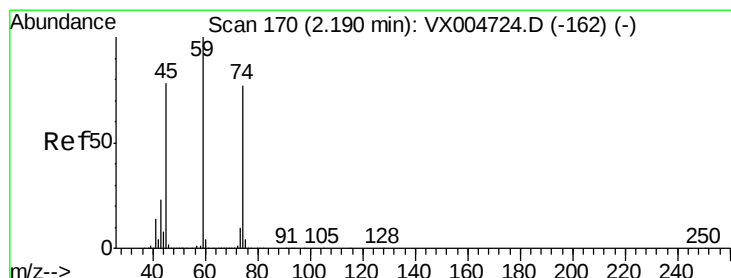
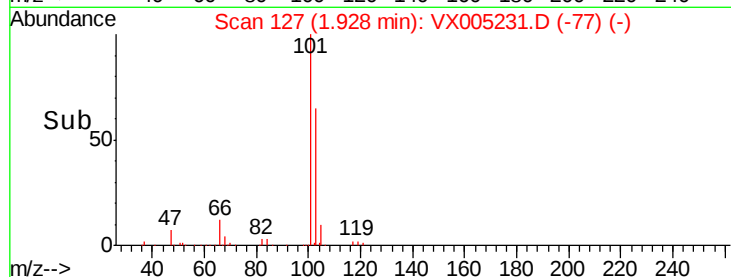
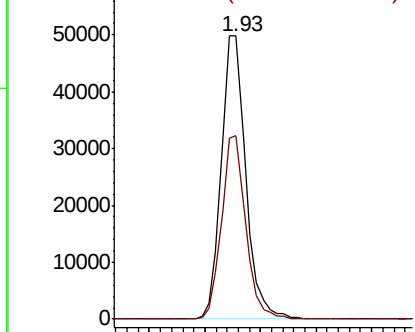
Trichlorofluoromethane
Concen: 22.148 ug/l
RT: 1.93 min Scan# 127
Delta R.T. 0.01 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

Tot Ion:101 Resp: 76060
Ion Ratio Lower Upper
101 100
103 64.7 48.4 72.6



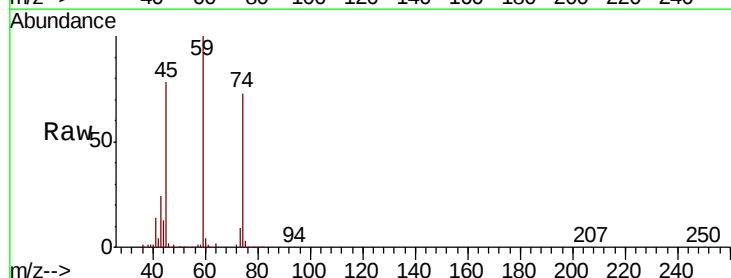
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



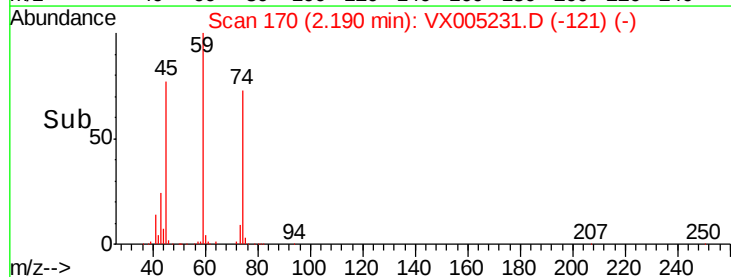
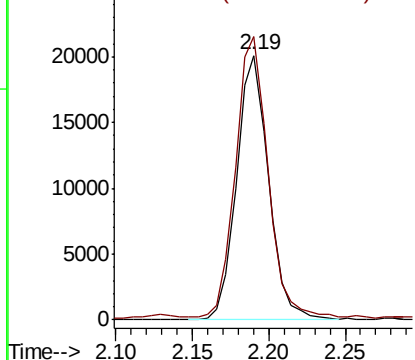
#8

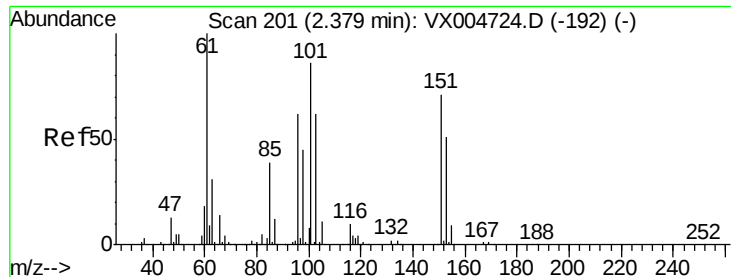
Diethyl Ether
Concen: 19.504 ug/l
RT: 2.19 min Scan# 170
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion: 74 Resp: 29097
Ion Ratio Lower Upper
74 100
45 107.2 52.5 157.6



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.900 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS04

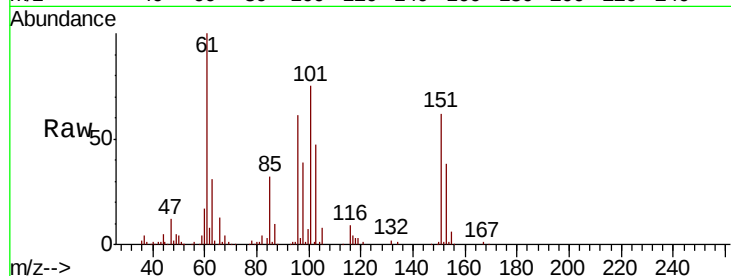
Tot Ion:101 Resp: 40884

Ion Ratio Lower Upper

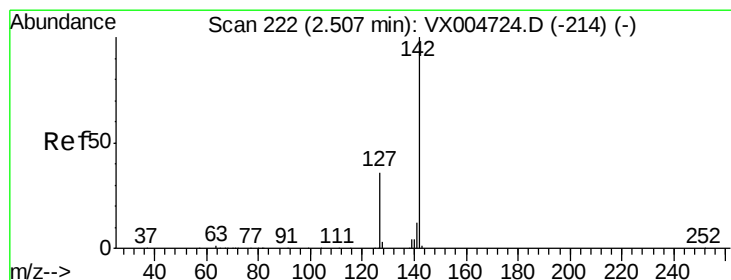
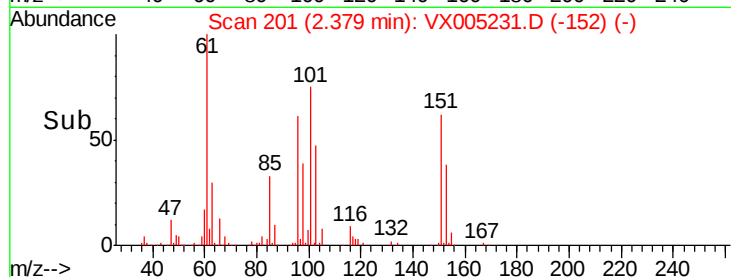
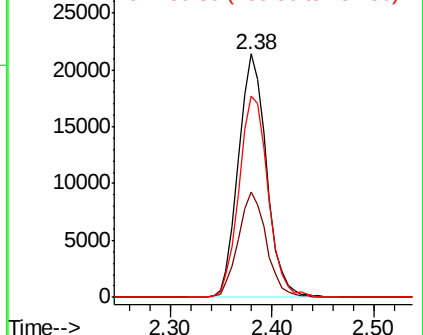
101 100

85 43.3 35.9 53.9

151 85.4 66.6 100.0



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



#10

Methyl Iodide

Concen: 15.832 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

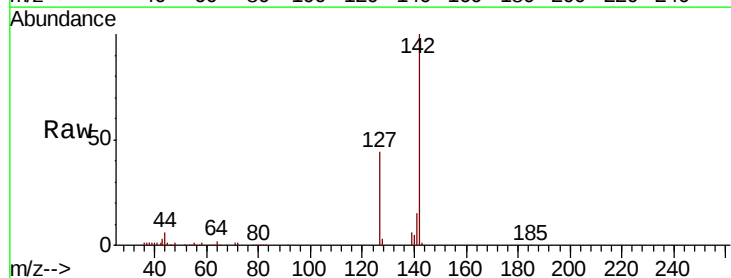
Tgt Ion:142 Resp: 41444

Ion Ratio Lower Upper

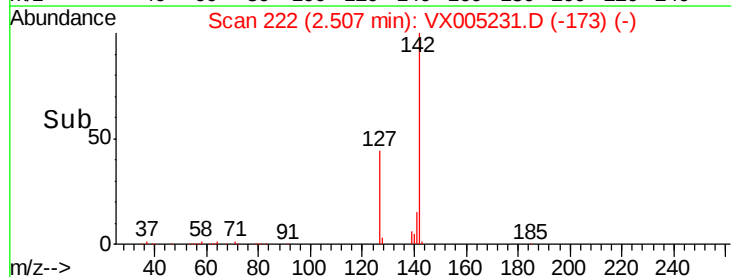
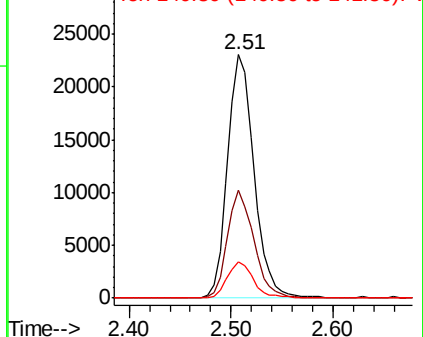
142 100

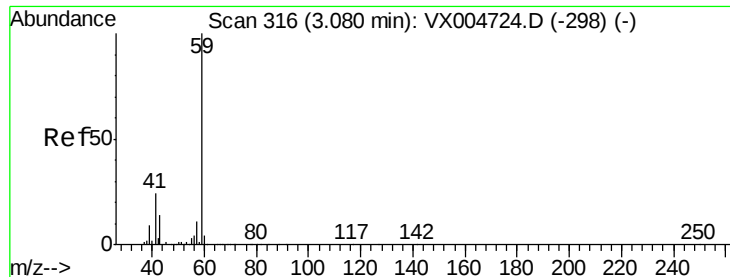
127 44.1 30.1 45.1

141 14.6 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



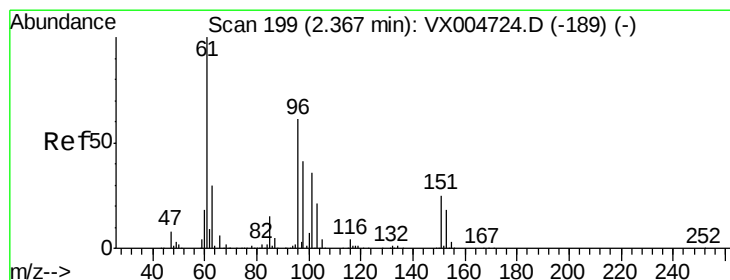
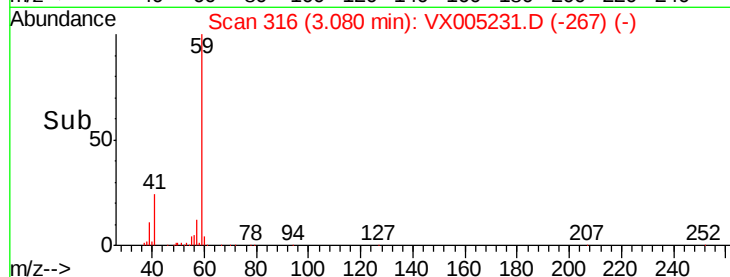
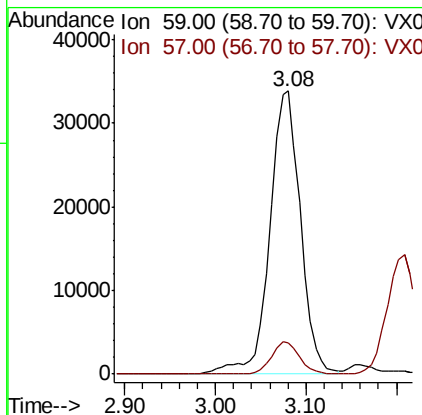
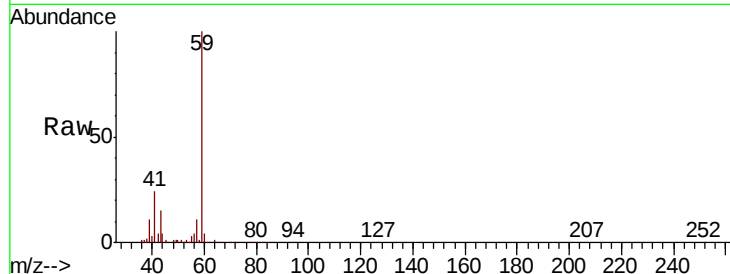


#11

Tert butyl alcohol
 Concen: 111.082 ug/l
 RT: 3.08 min Scan# 316
 Delta R.T. 0.00 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS04

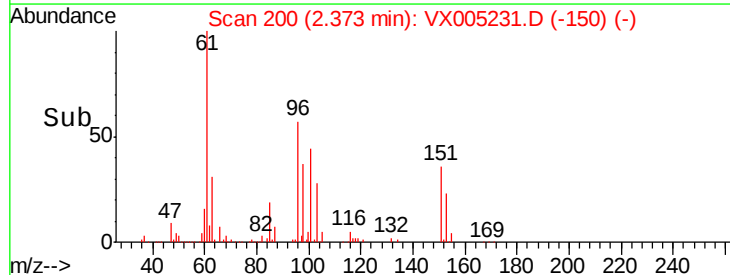
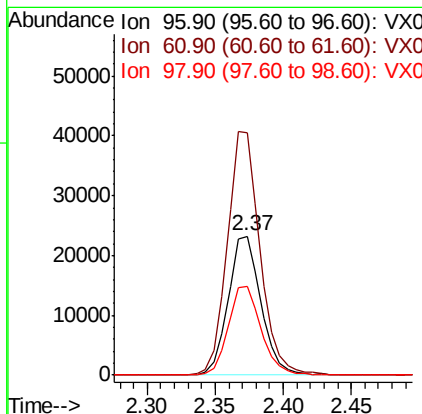
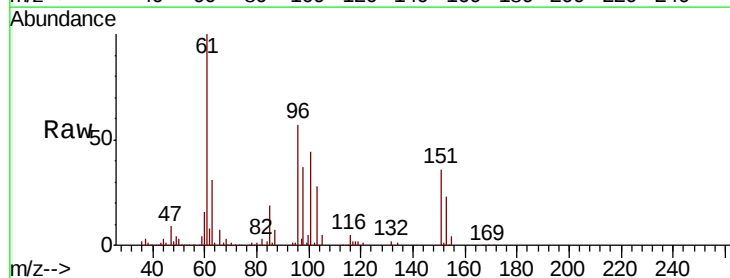
Tot Ion: 59 Resp: 79327
 Ion Ratio Lower Upper
 59 100
 57 10.8 8.6 12.8

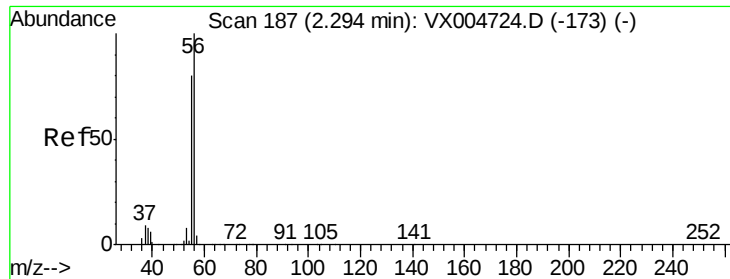


#12

1,1-Dichloroethene
 Concen: 20.128 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

Tgt Ion: 96 Resp: 38993
 Ion Ratio Lower Upper
 96 100
 61 174.5 130.2 195.4
 98 63.9 53.4 80.0





#13

Acrolein

Concen: 80.756 ug/l

RT: 2.29 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

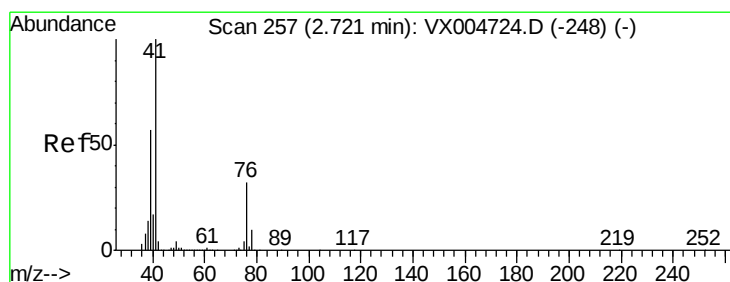
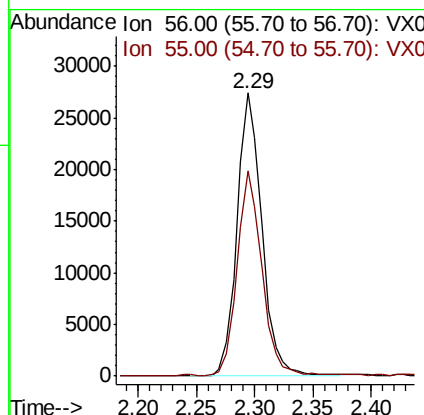
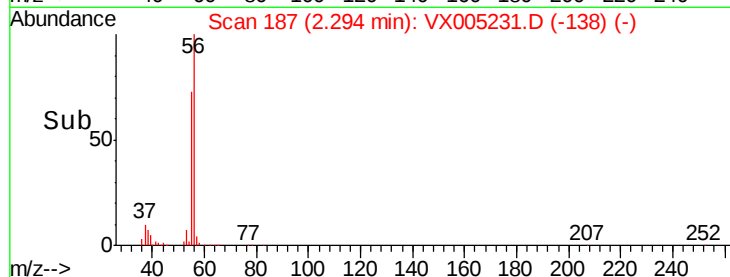
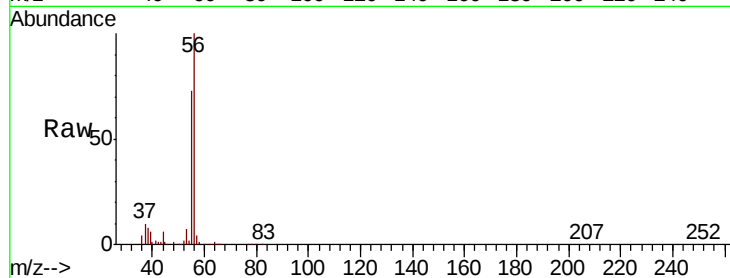
VX1010WBS04

Tot Ion: 56 Resp: 41032

Ion Ratio Lower Upper

56 100

55 72.8 63.4 95.2



#14

Allyl chloride

Concen: 19.925 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

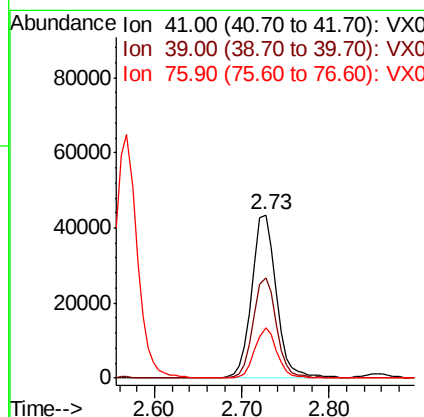
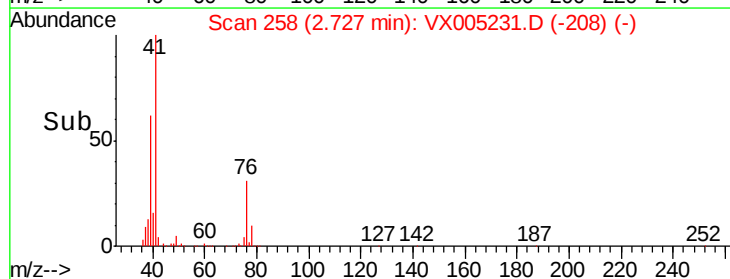
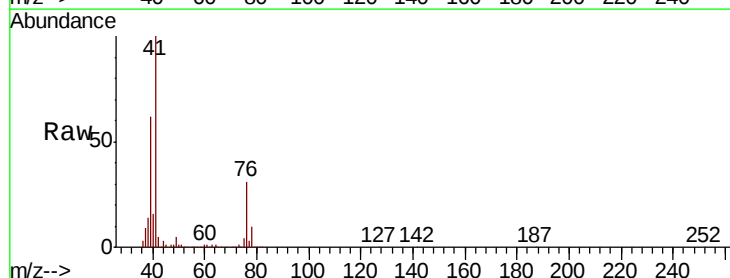
Tgt Ion: 41 Resp: 84220

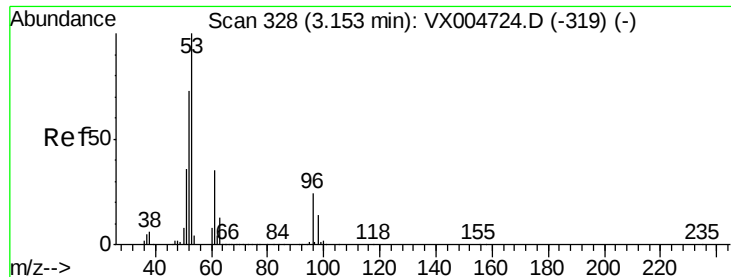
Ion Ratio Lower Upper

41 100

39 58.5 44.1 66.1

76 28.1 25.0 37.4





#15

Acrylonitrile

Concen: 104.976 ug/l

RT: 3.15 min Scan# 328

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS04

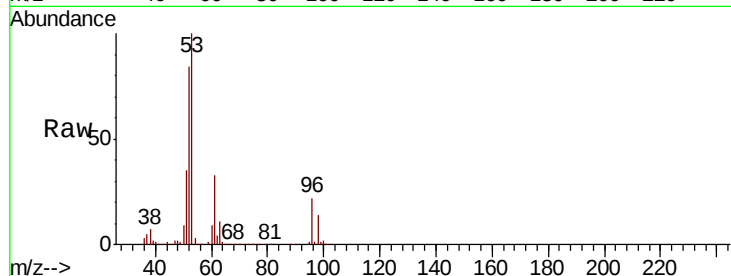
Tot Ion: 53 Resp: 165030

Ion Ratio Lower Upper

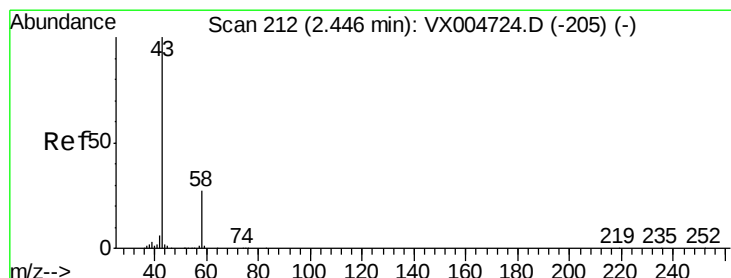
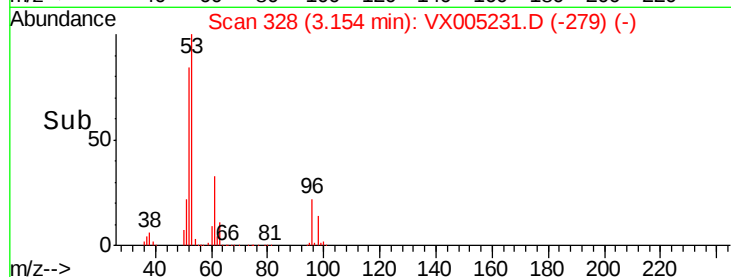
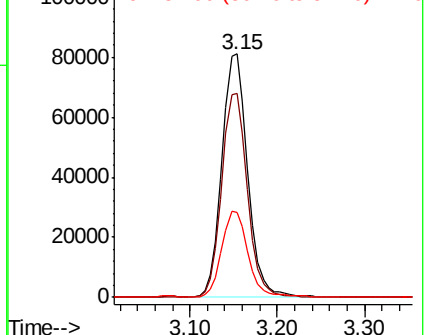
53 100

52 83.7 63.0 94.4

51 36.3 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: 101.716 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX005231.D

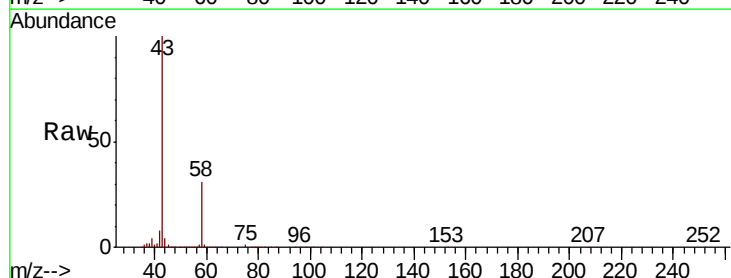
Acq: 11 Oct 2018 04:04

Tgt Ion: 43 Resp: 151668

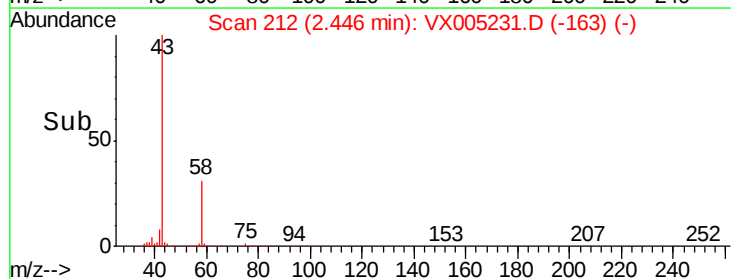
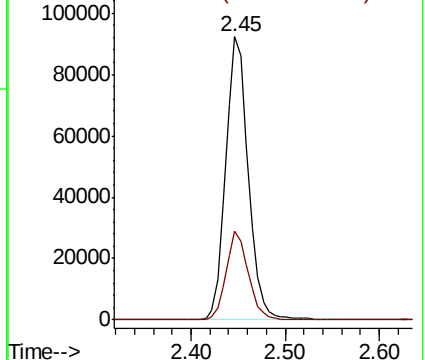
Ion Ratio Lower Upper

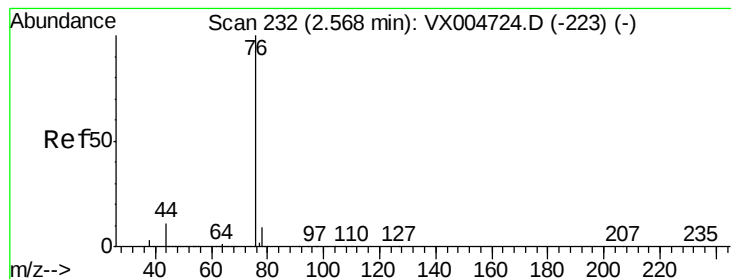
43 100

58 31.2 21.8 32.6



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





#17

Carbon Disulfide

Concen: 19.270 ug/l

RT: 2.57 min Scan# 232

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

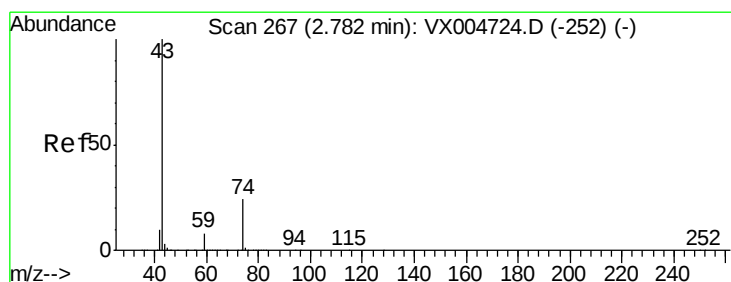
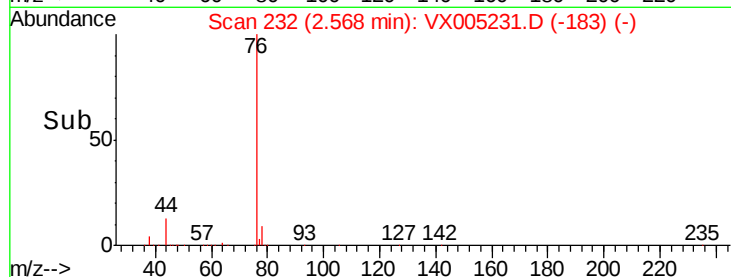
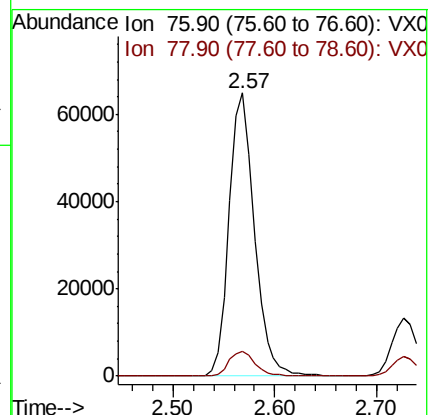
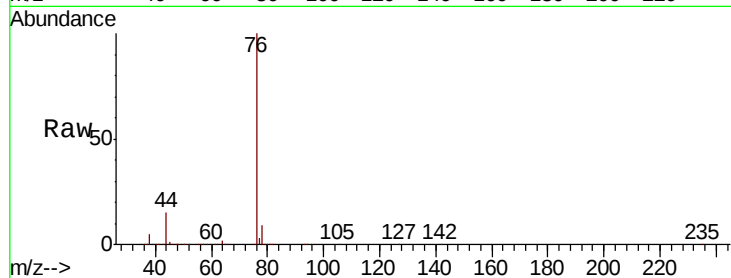
VX1010WBS04

Tot Ion: 76 Resp: 112173

Ion Ratio Lower Upper

76 100

78 8.8 7.0 10.6



#18

Methyl Acetate

Concen: 23.330 ug/l

RT: 2.78 min Scan# 267

Delta R.T. 0.00 min

Lab File: VX005231.D

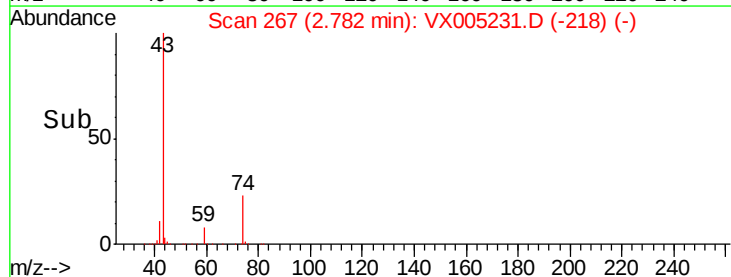
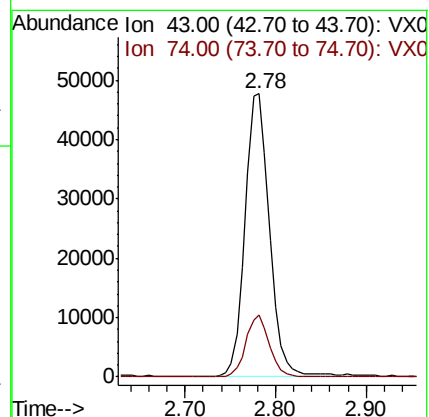
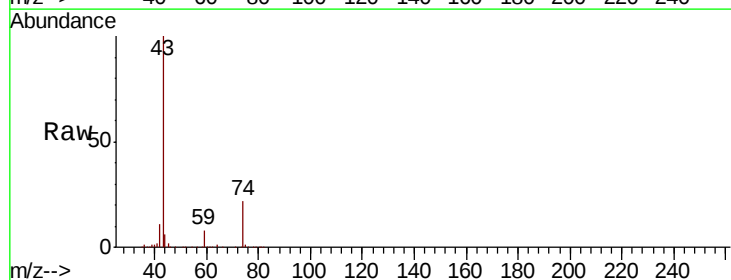
Acq: 11 Oct 2018 04:04

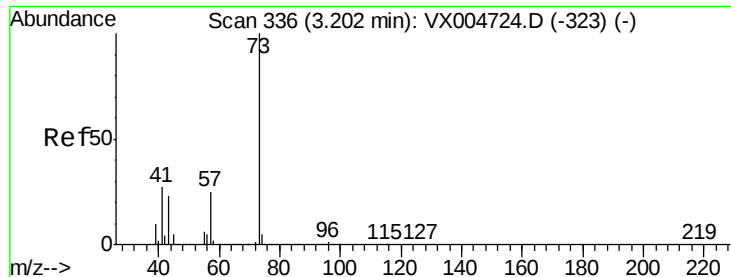
Tgt Ion: 43 Resp: 88137

Ion Ratio Lower Upper

43 100

74 21.2 17.8 26.8

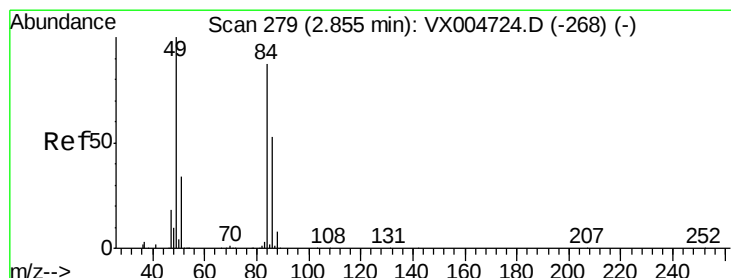
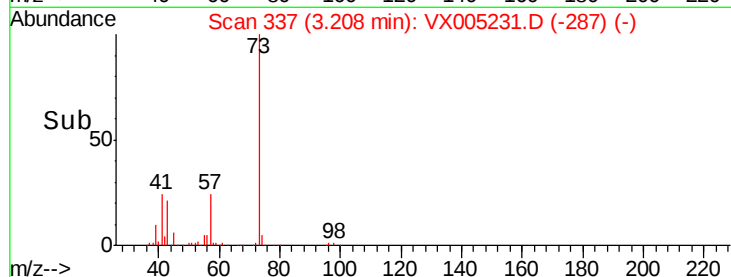
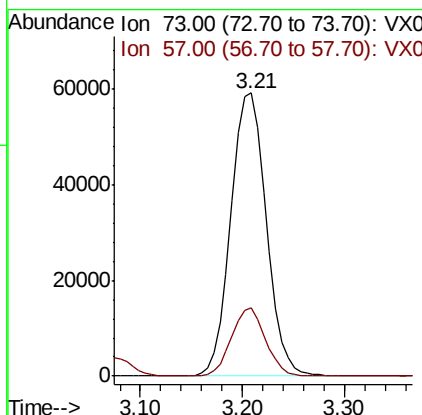
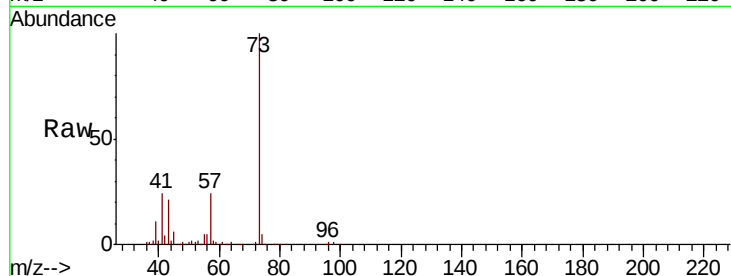




#19
Methyl tert-butyl Ether
Concen: 21.419 ug/l
RT: 3.21 min Scan# 337
Delta R.T. 0.01 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

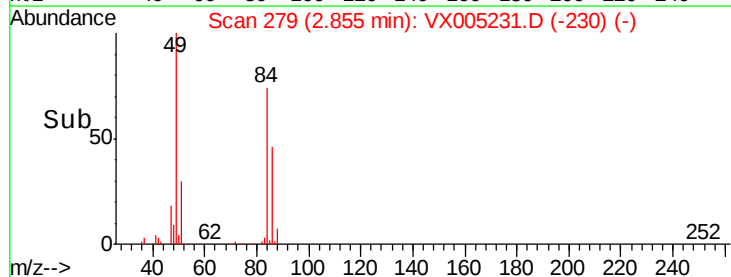
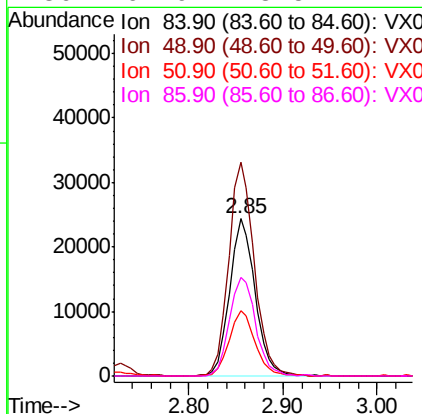
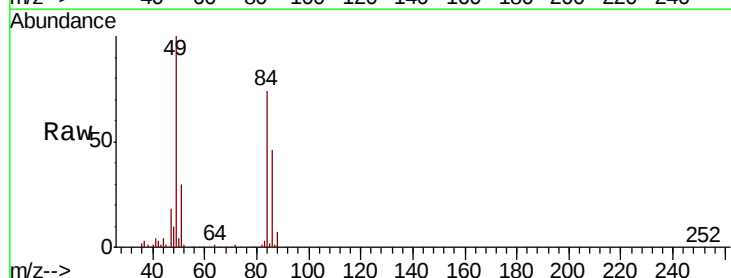
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

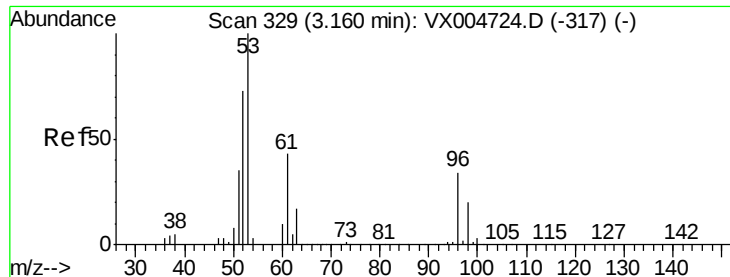
Tot Ion: 73 Resp: 143125
Ion Ratio Lower Upper
73 100
57 24.1 19.9 29.9



#20
Methylene Chloride
Concen: 20.639 ug/l
RT: 2.85 min Scan# 279
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion: 84 Resp: 45814
Ion Ratio Lower Upper
84 100
49 136.0 92.3 138.5
51 41.4 31.8 47.6
86 62.9 48.5 72.7





#21

trans-1,2-Dichloroethene

Concen: 19.960 ug/l

RT: 3.16 min Scan# 329

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS04

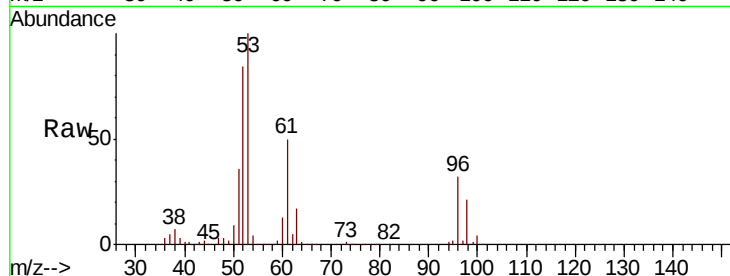
Tot Ion: 96 Resp: 42329

Ion Ratio Lower Upper

96 100

61 155.2 101.0 151.6#

98 64.3 47.2 70.8

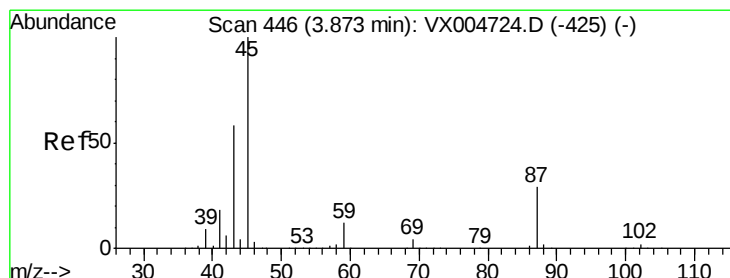
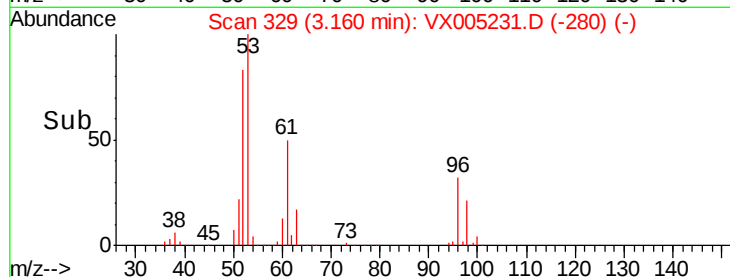
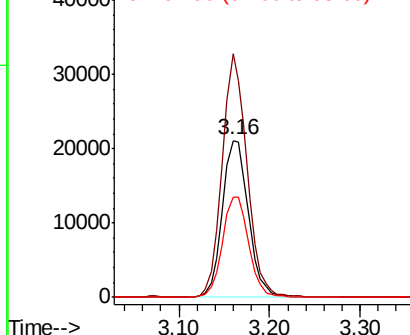


Abundance

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: 19.453 ug/l

RT: 3.87 min Scan# 446

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Tgt Ion: 45 Resp: 138460

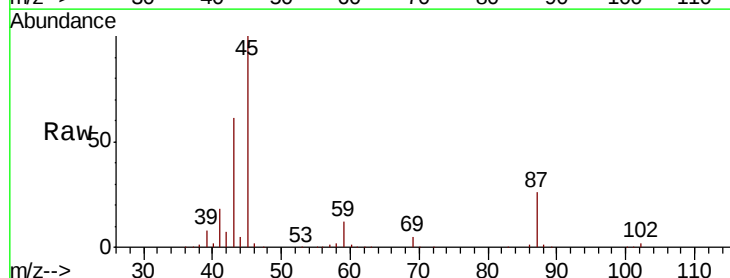
Ion Ratio Lower Upper

45 100

43 61.2 46.7 70.1

87 26.5 22.9 34.3

59 11.8 9.3 13.9



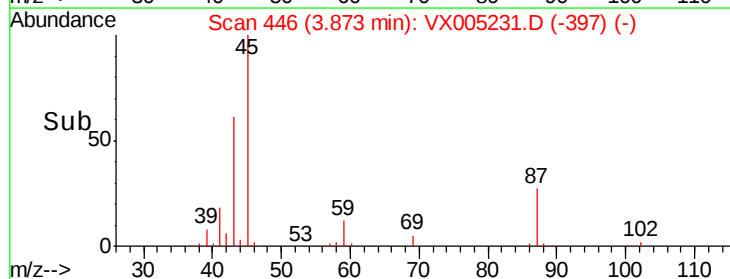
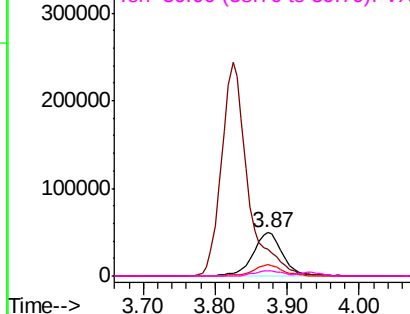
Abundance

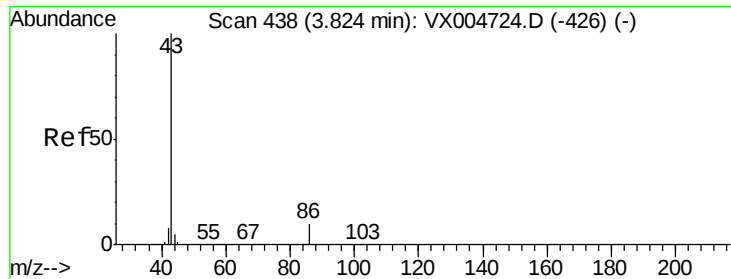
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0

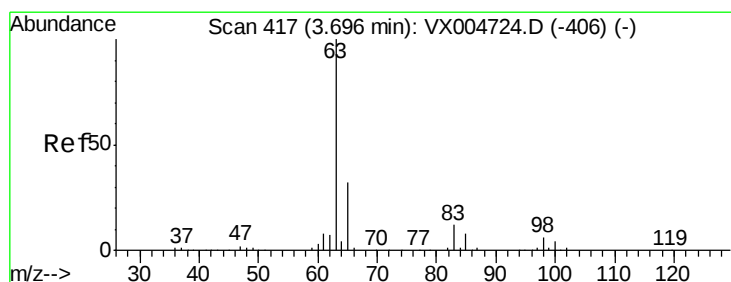
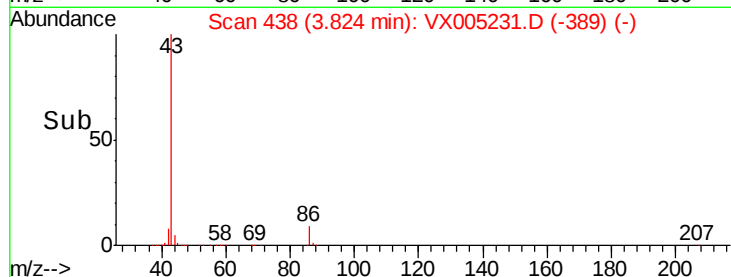
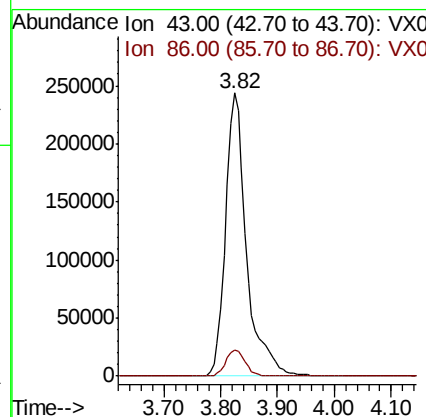
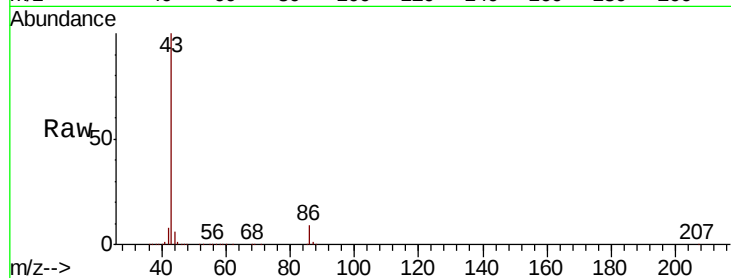




#23
 Vinyl Acetate
 Concen: 95.513 ug/l
 RT: 3.82 min Scan# 438
 Delta R.T. 0.00 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

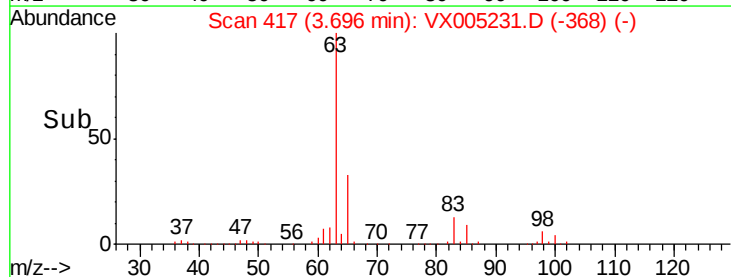
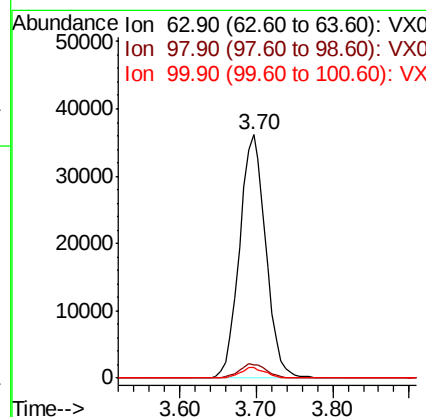
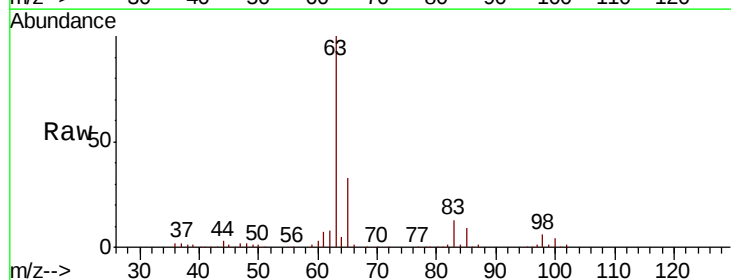
Instrument :
 MSVOA_X
 ClientSampled :
 VX1010WBS04

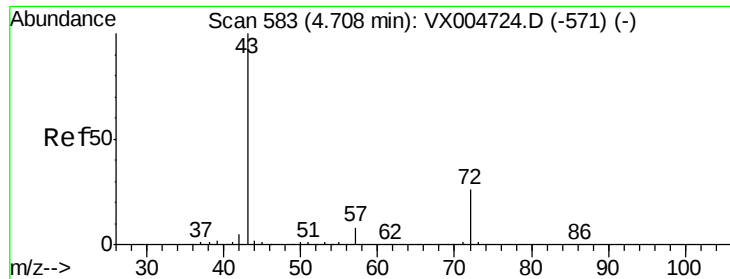
Tot Ion: 43 Resp: 622297
 Ion Ratio Lower Upper
 43 100
 86 9.1 8.1 12.1



#24
 1,1-Dichloroethane
 Concen: 20.159 ug/l
 RT: 3.70 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

Tgt Ion: 63 Resp: 85594
 Ion Ratio Lower Upper
 63 100
 98 5.7 3.0 9.2
 100 4.2 2.0 5.8





#25

2-Butanone

Concen: 97.274 ug/l

RT: 4.71 min Scan# 583

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

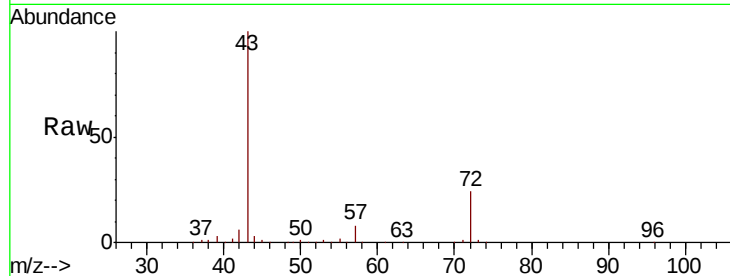
VX1010WBS04

Tot Ion: 43 Resp: 213800

Ion Ratio Lower Upper

43 100

72 24.4 20.8 31.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

80000

60000

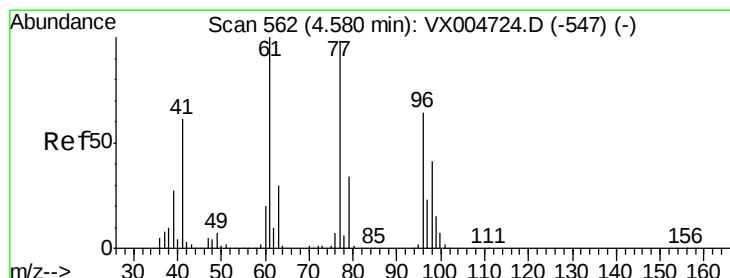
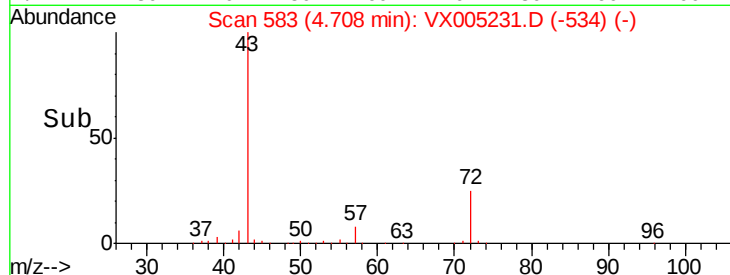
40000

20000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 12.523 ug/l

RT: 4.58 min Scan# 562

Delta R.T. 0.00 min

Lab File: VX005231.D

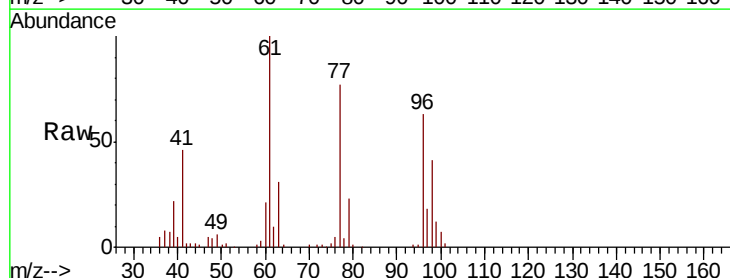
Acq: 11 Oct 2018 04:04

Tgt Ion: 77 Resp: 37026

Ion Ratio Lower Upper

77 100

97 25.6 12.6 37.8



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

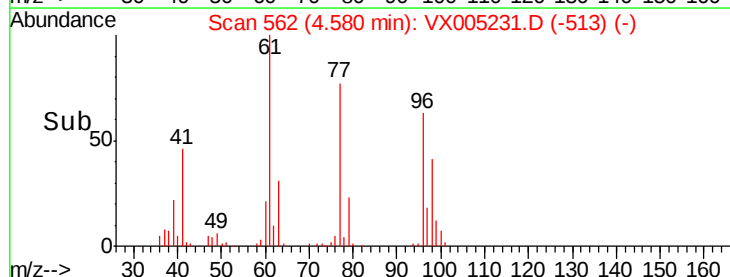
10000

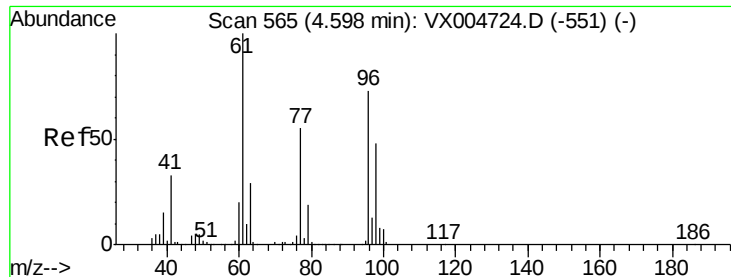
5000

0

4.50 4.60 4.70

Time-->



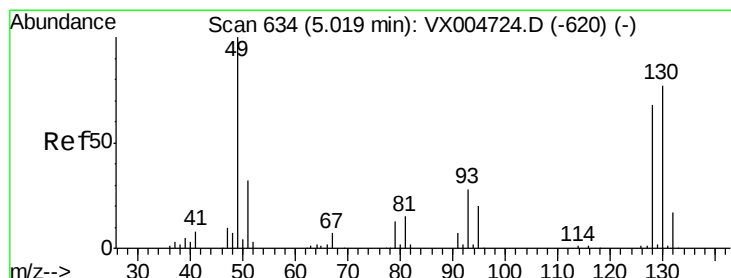
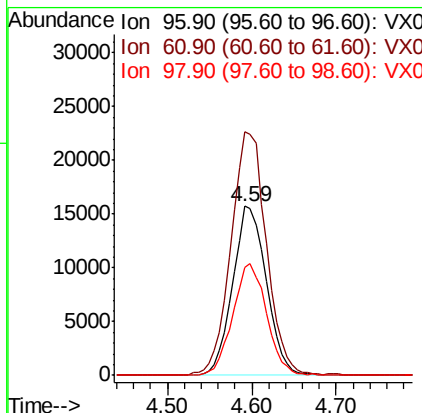
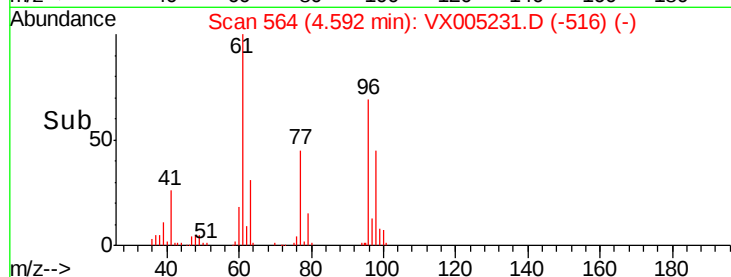
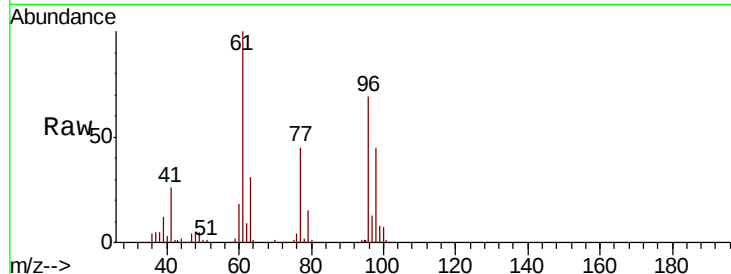


#27

cis-1,2-Dichloroethene
Concen: 18.027 ug/l
RT: 4.59 min Scan# 564
Delta R.T. -0.01 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

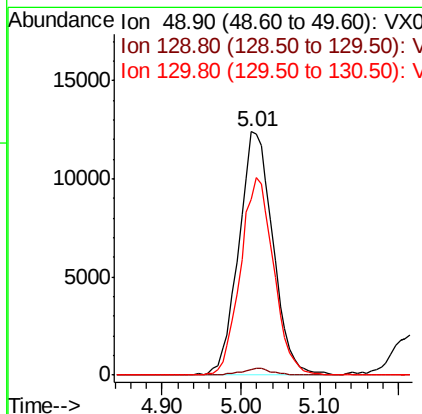
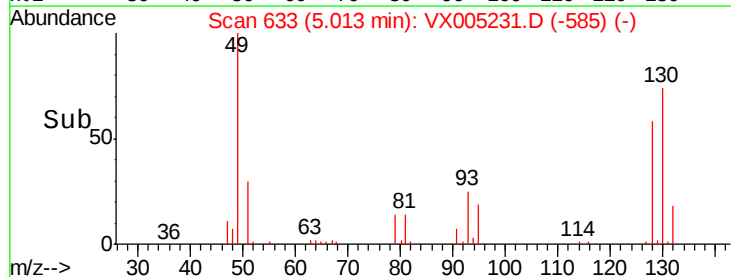
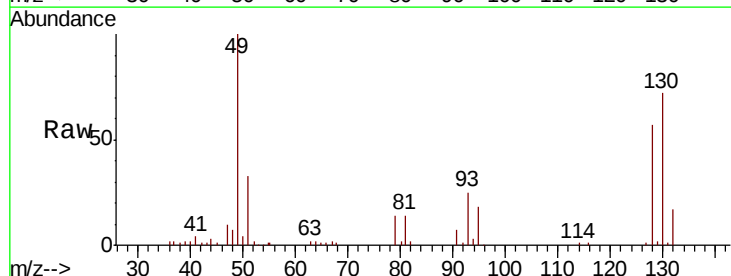
Tot Ion: 96 Resp: 42707
Ion Ratio Lower Upper
96 100
61 151.2 0.0 285.8
98 66.2 0.0 136.2

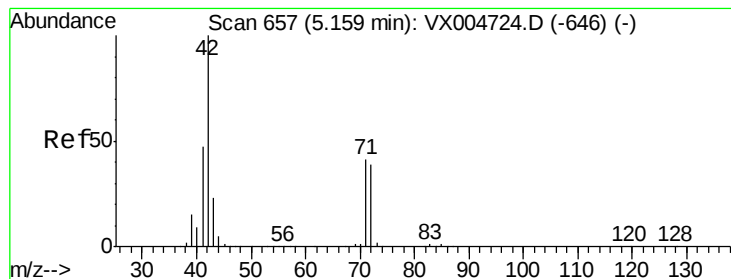


#28

Bromochloromethane
Concen: 18.681 ug/l
RT: 5.01 min Scan# 633
Delta R.T. -0.01 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion: 49 Resp: 37351
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.2
130 78.7 62.0 93.0





#29

Tetrahydrofuran

Concen: 100.045 ug/l

RT: 5.16 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS04

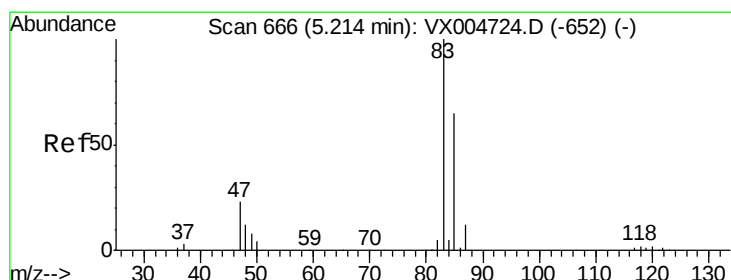
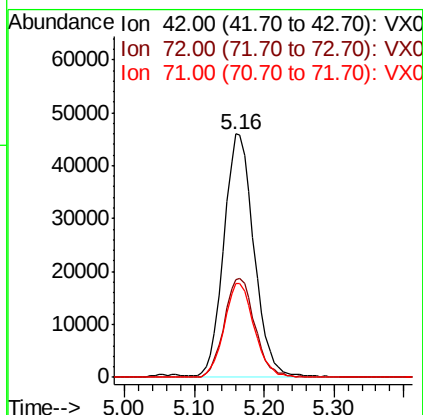
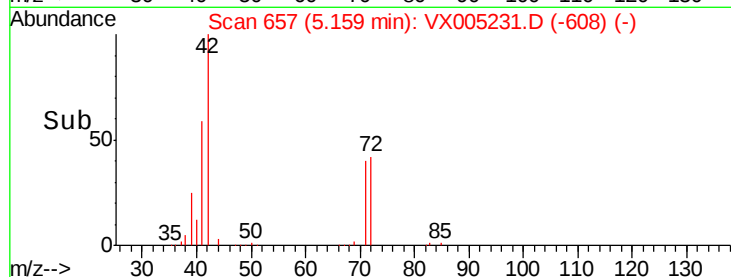
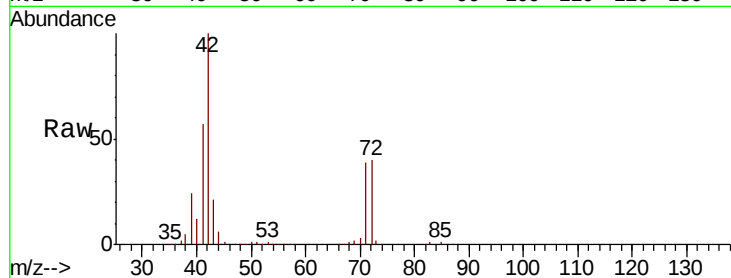
Tot Ion: 42 Resp: 136670

Ion Ratio Lower Upper

42 100

72 41.7 33.7 50.5

71 38.8 32.2 48.4



#30

Chloroform

Concen: 19.072 ug/l

RT: 5.21 min Scan# 666

Delta R.T. 0.00 min

Lab File: VX005231.D

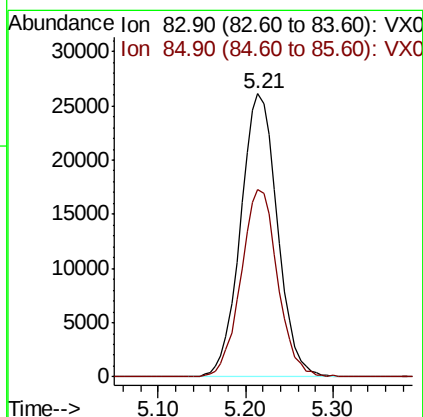
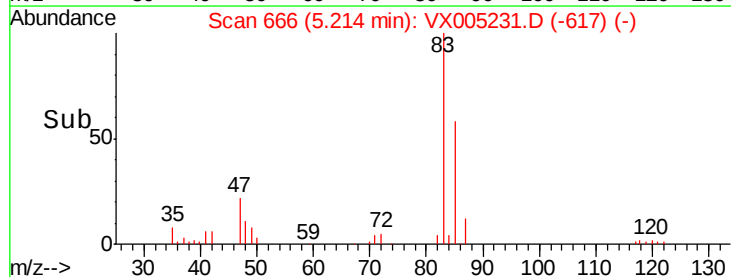
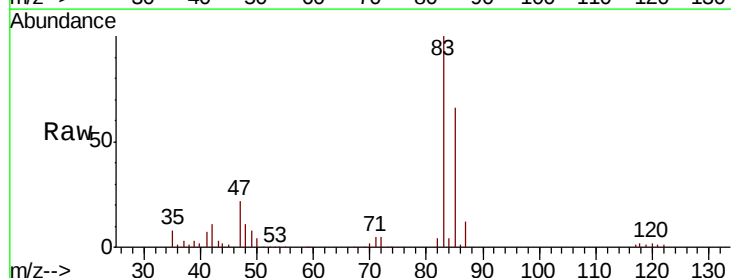
Acq: 11 Oct 2018 04:04

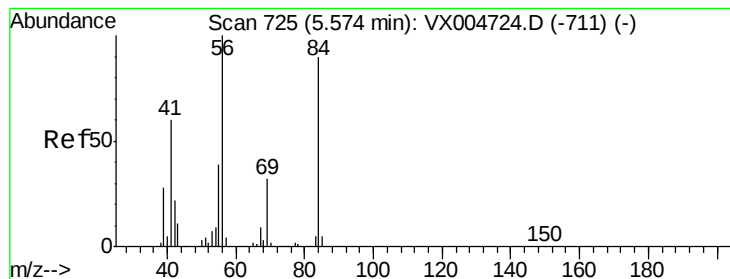
Tgt Ion: 83 Resp: 76532

Ion Ratio Lower Upper

83 100

85 66.1 52.4 78.6





#31

Cyclohexane

Concen: 19.757 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS04

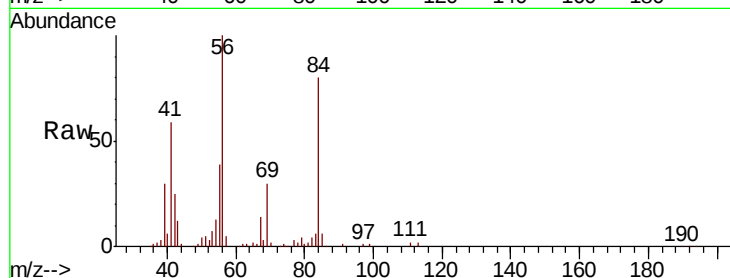
Tot Ion: 56 Resp: 64203

Ion Ratio Lower Upper

56 100

69 29.9 25.9 38.9

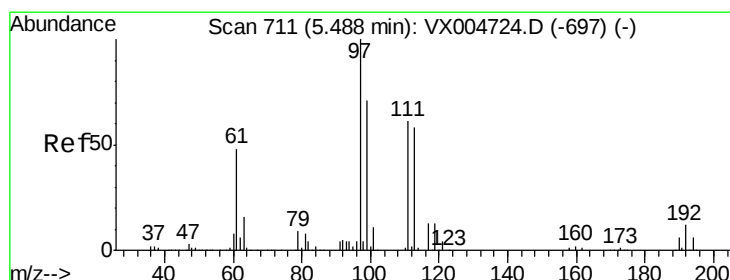
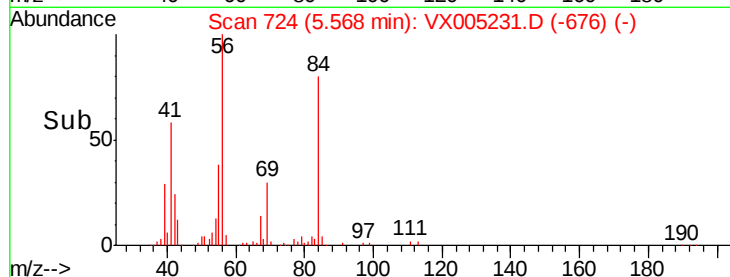
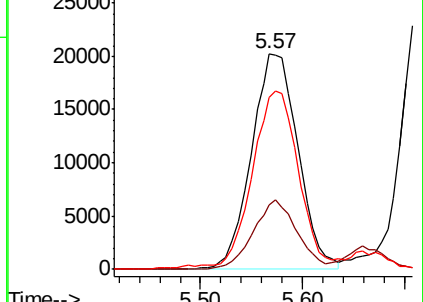
84 78.1 71.9 107.9



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.859 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

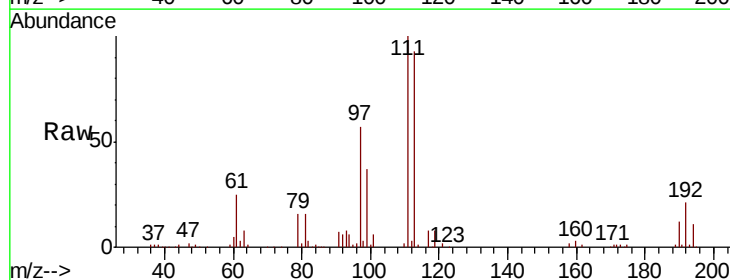
Tgt Ion: 97 Resp: 65079

Ion Ratio Lower Upper

97 100

99 65.3 54.6 82.0

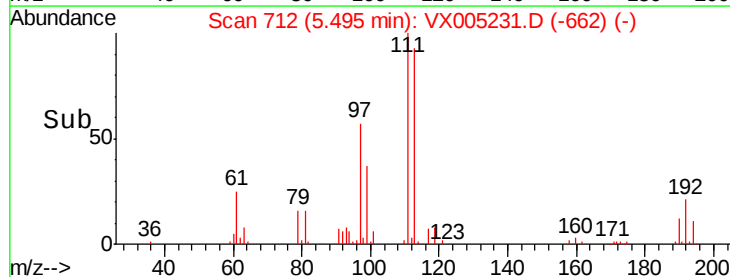
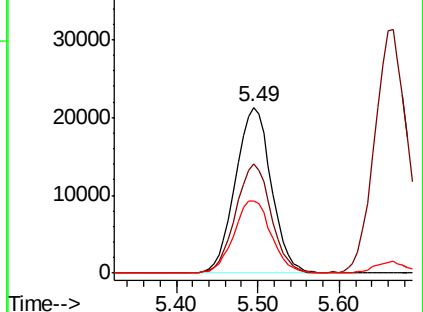
61 45.3 37.5 56.3

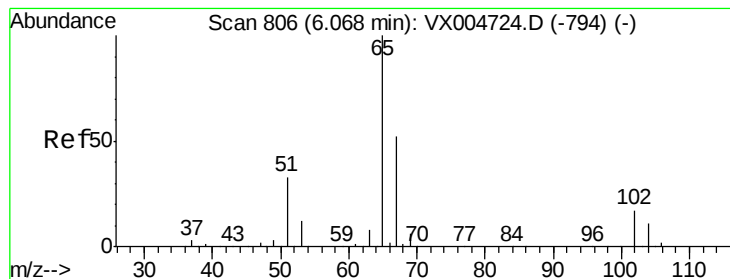


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 52.389 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

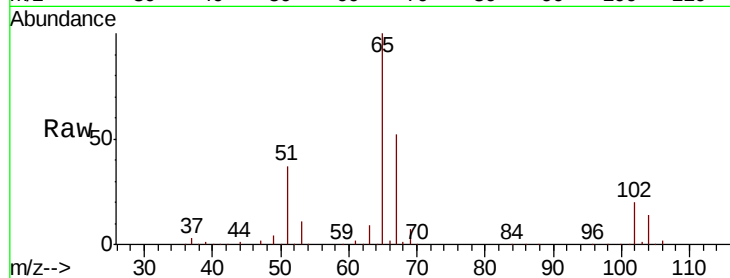
VX1010WBS04

Tot Ion: 65 Resp: 133803

Ion Ratio Lower Upper

65 100

67 52.1 0.0 107.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.07

50000

40000

30000

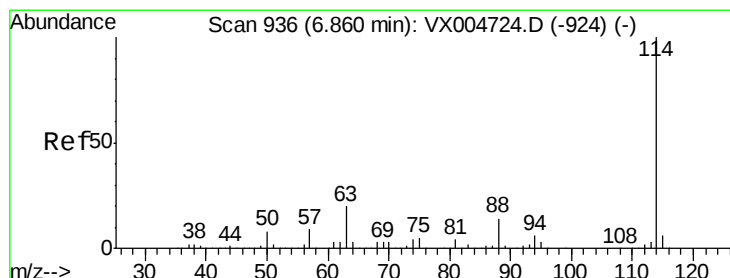
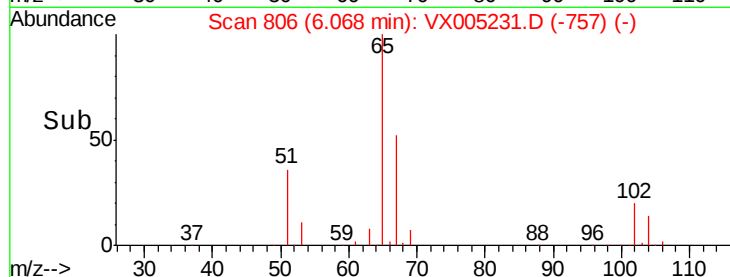
20000

10000

0

6.00 6.10 6.20

Time-->



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.87 min Scan# 937

Delta R.T. 0.01 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

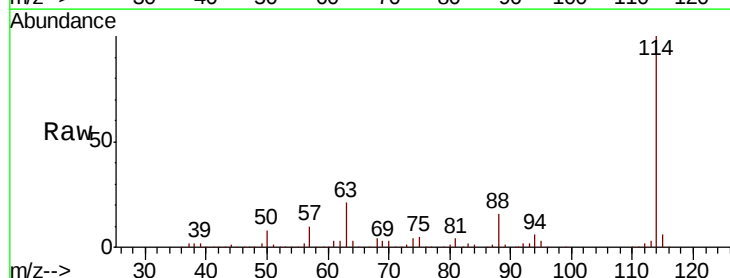
Tgt Ion: 114 Resp: 267745

Ion Ratio Lower Upper

114 100

63 20.9 0.0 39.8

88 16.0 0.0 27.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

6.87

150000

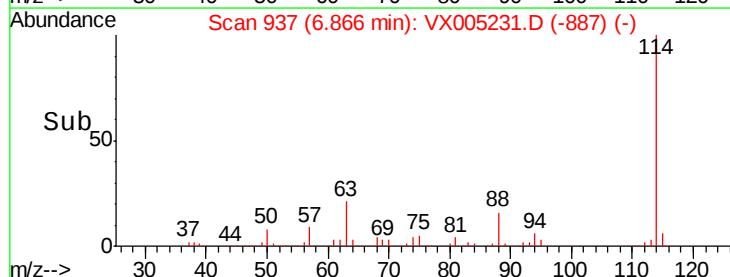
100000

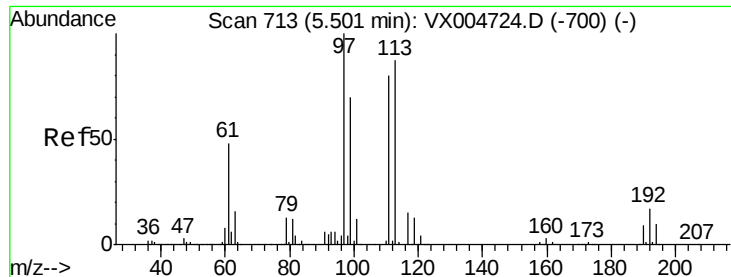
50000

0

6.80 6.90 7.00

Time-->

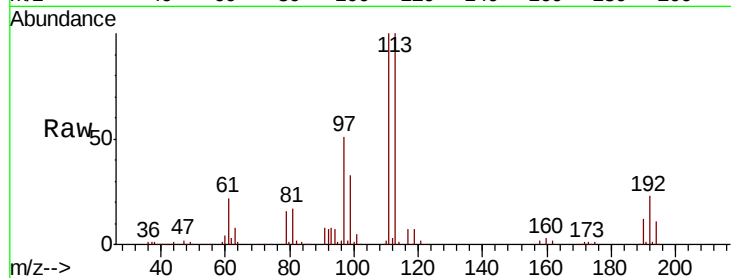




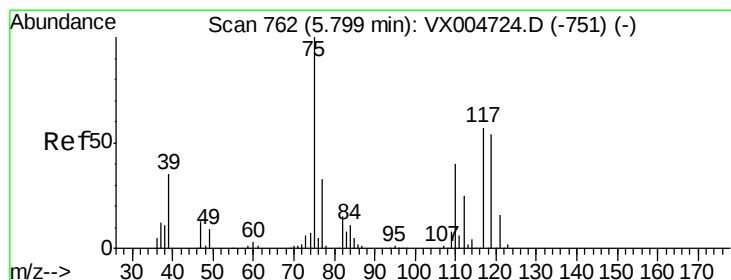
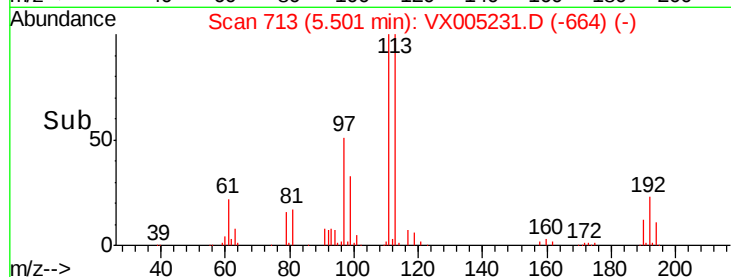
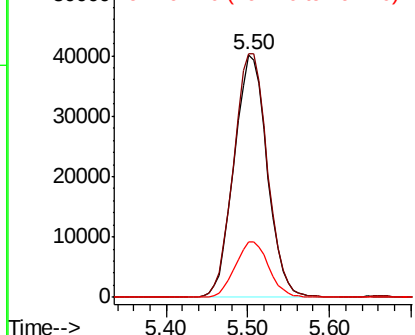
#35
Dibromofluoromethane
Concen: 49.798 ug/l
RT: 5.50 min Scan# 713
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

Tot Ion:113 Resp: 113001
Ion Ratio Lower Upper
113 100
111 102.6 77.0 115.4
192 23.3 17.0 25.6

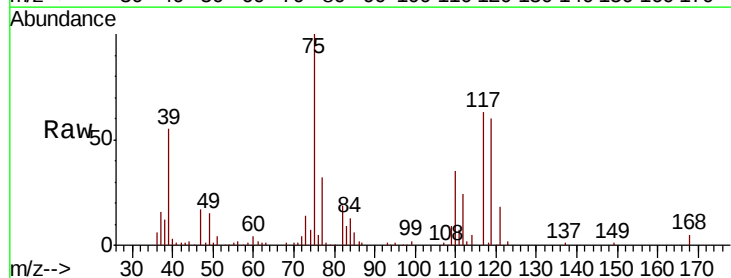


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

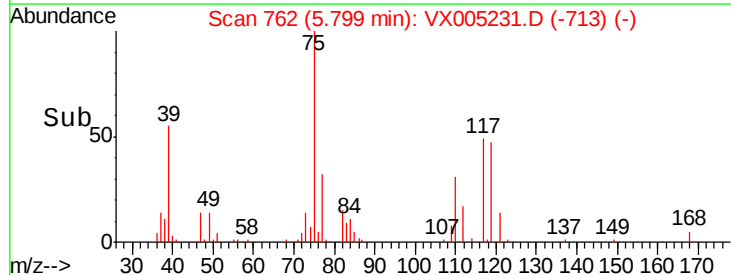
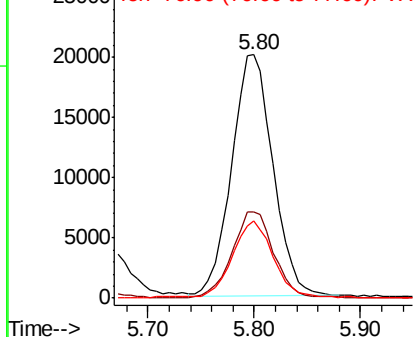


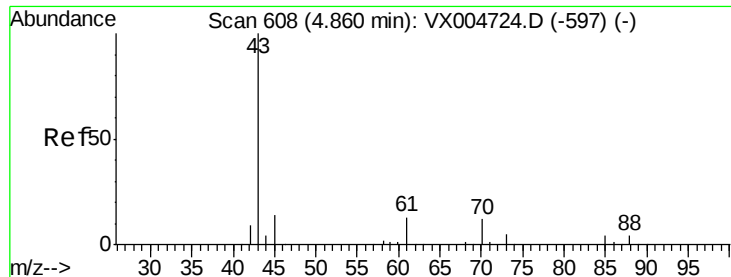
#36
1,1-Dichloropropene
Concen: 17.662 ug/l
RT: 5.80 min Scan# 762
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion: 75 Resp: 54680
Ion Ratio Lower Upper
75 100
110 36.3 20.0 59.9
77 31.0 27.1 40.7



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

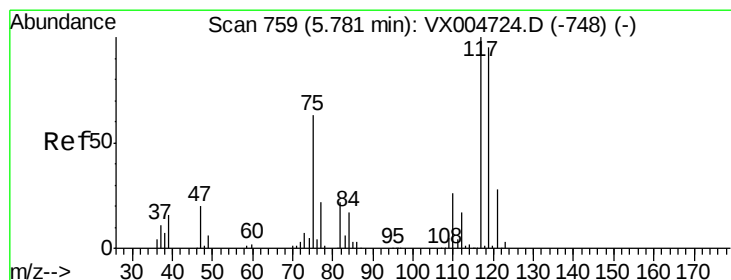
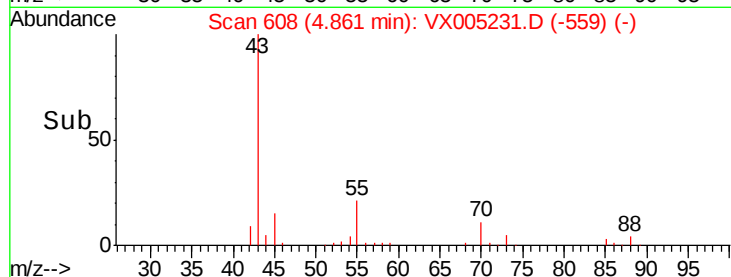
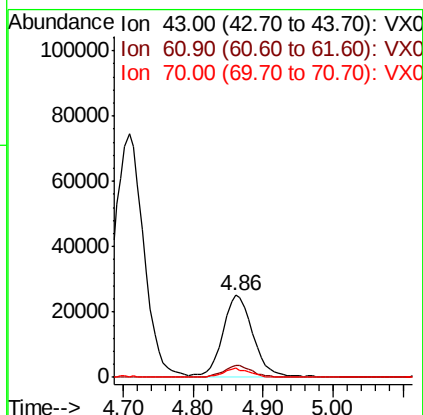
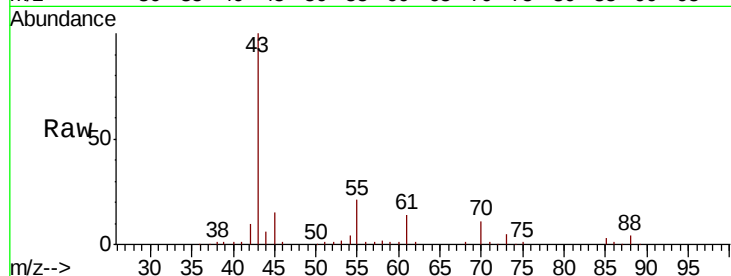




#37
Ethyl Acetate
Concen: 18.306 ug/l
RT: 4.86 min Scan# 608
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

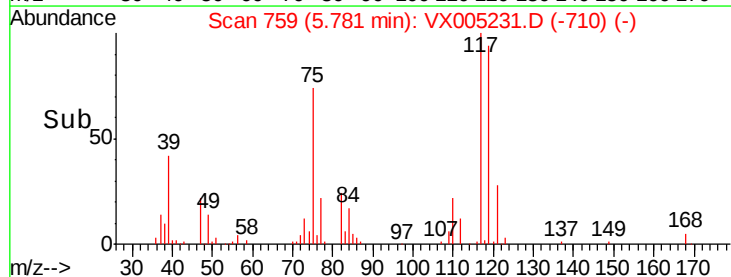
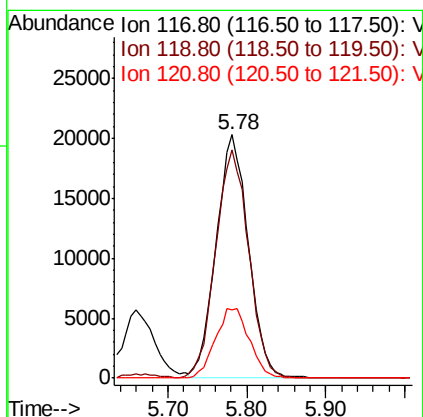
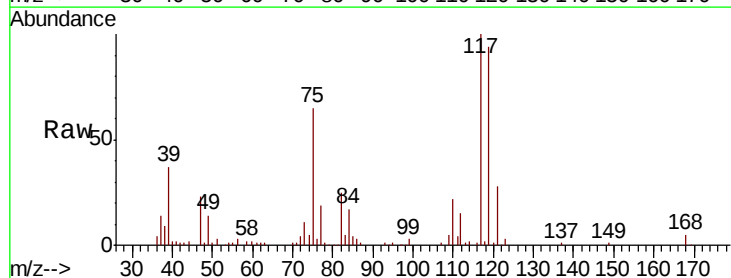
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

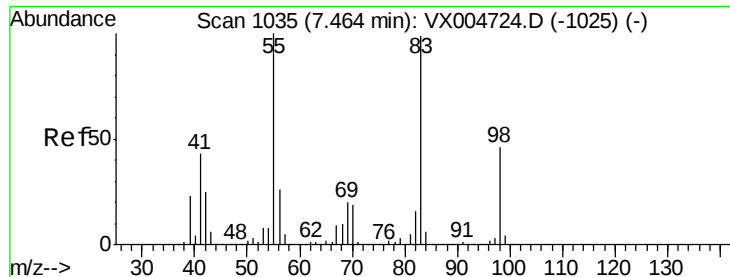
Tot Ion: 43 Resp: 75232
Ion Ratio Lower Upper
43 100
61 13.9 10.4 15.6
70 9.9 8.7 13.1



#38
Carbon Tetrachloride
Concen: 17.803 ug/l
RT: 5.78 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion: 117 Resp: 57938
Ion Ratio Lower Upper
117 100
119 93.8 75.2 112.8
121 28.2 22.5 33.7

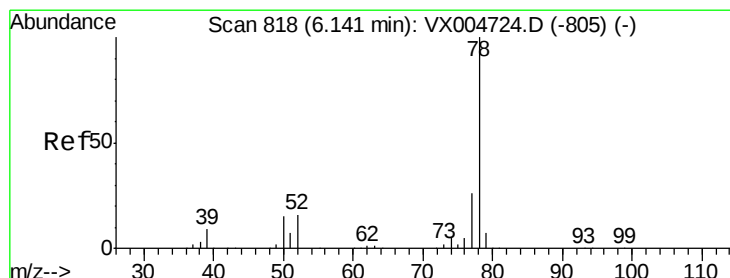
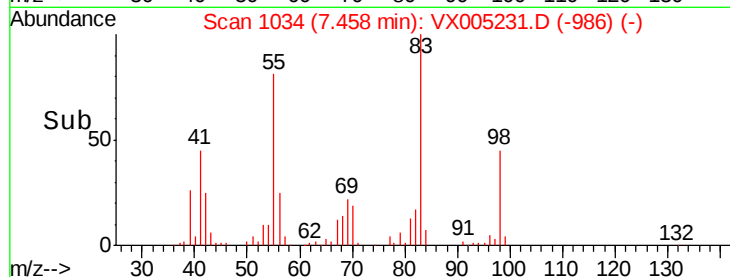
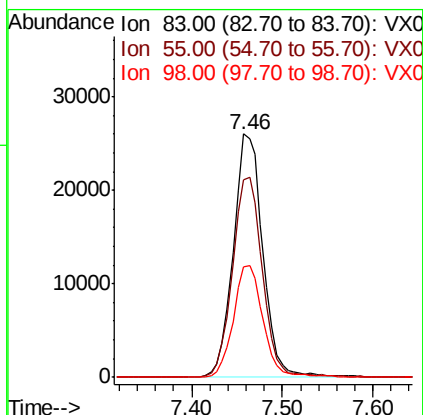
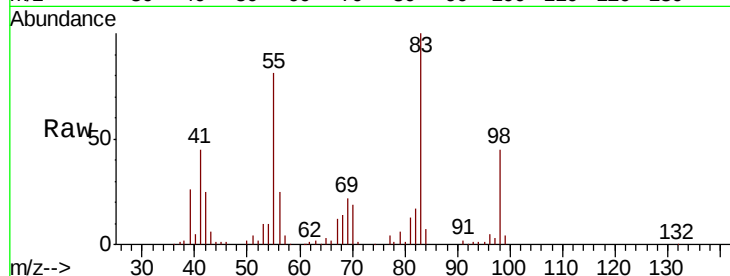




#39
Methvlcvclohexane
Concen: 18.565 ug/l
RT: 7.46 min Scan# 1034
Delta R.T. -0.01 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

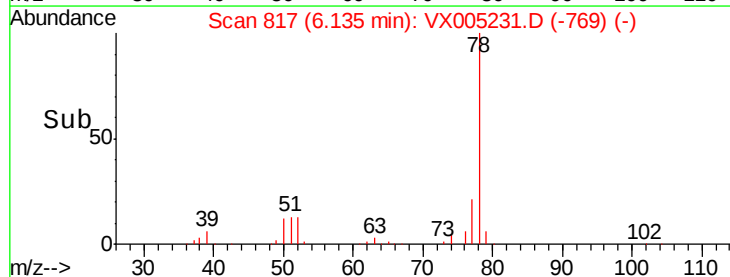
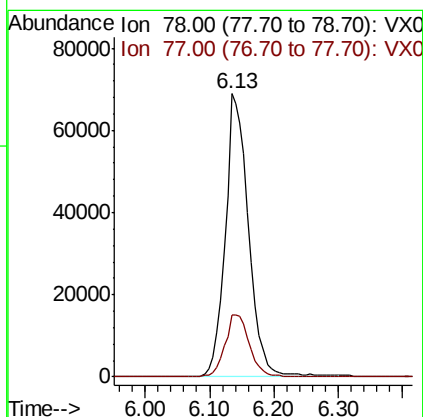
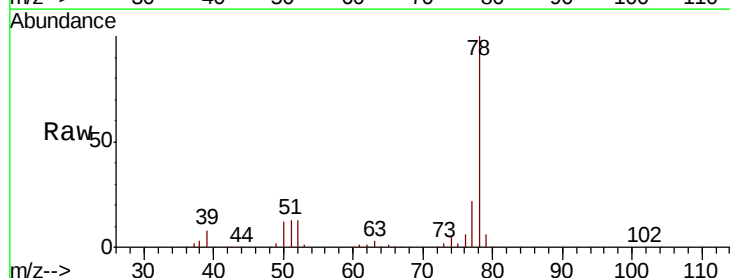
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

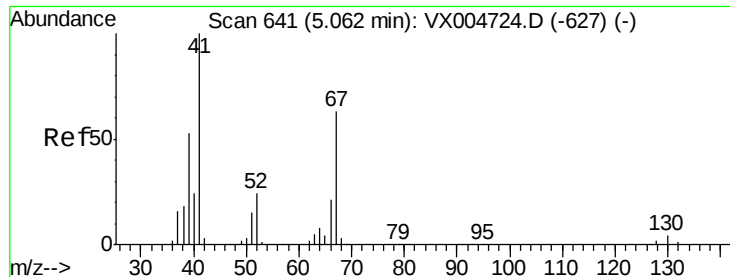
Tot Ion: 83 Resp: 58689
Ion Ratio Lower Upper
83 100
55 81.1 81.1 121.7#
98 45.5 37.3 55.9



#40
Benzene
Concen: 18.103 ug/l
RT: 6.13 min Scan# 817
Delta R.T. -0.01 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion: 78 Resp: 175463
Ion Ratio Lower Upper
78 100
77 22.1 21.0 31.4





#41

Methacrylonitrile

Concen: 17.658 ug/l

RT: 5.06 min Scan# 641

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS04

Tot Ion: 41 Resp: 40244

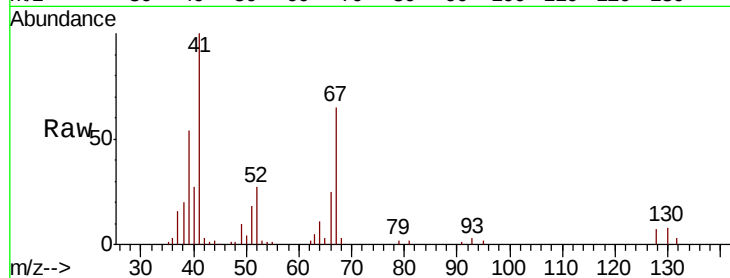
Ion Ratio Lower Upper

41 100

39 55.0 42.5 63.7

67 70.0 53.0 79.6

52 29.6 19.8 29.8

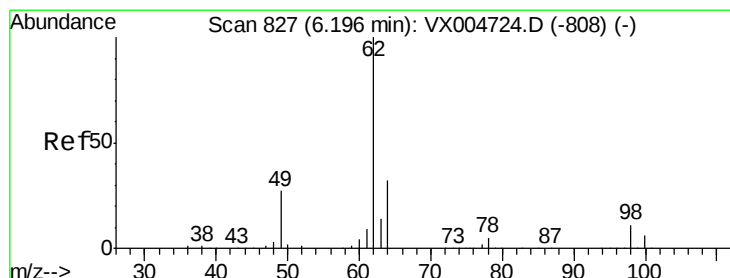
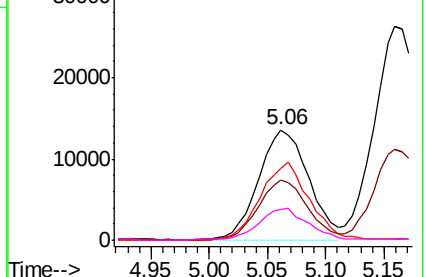
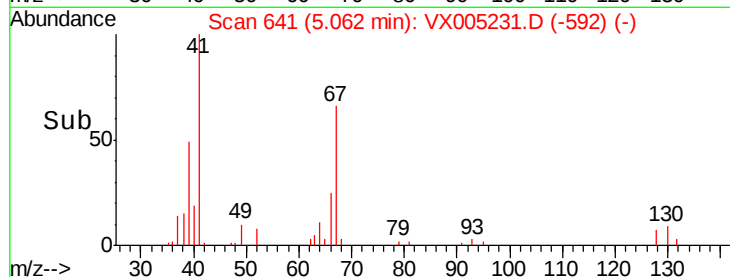


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 18.119 ug/l

RT: 6.20 min Scan# 827

Delta R.T. 0.00 min

Lab File: VX005231.D

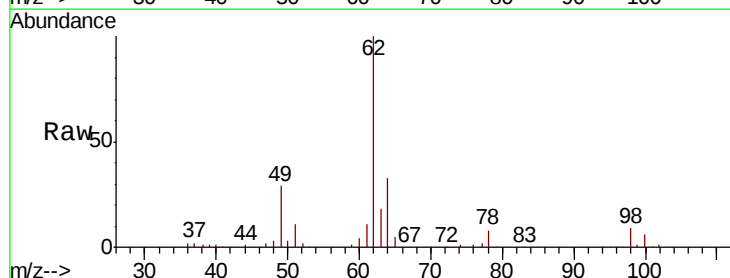
Acq: 11 Oct 2018 04:04

Tgt Ion: 62 Resp: 62082

Ion Ratio Lower Upper

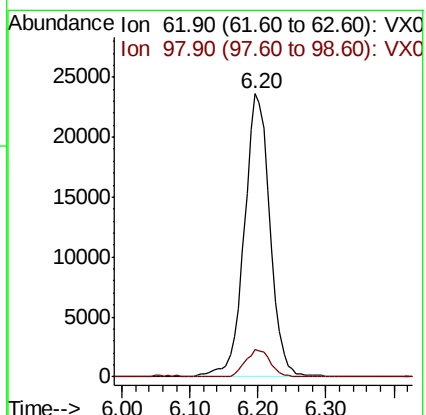
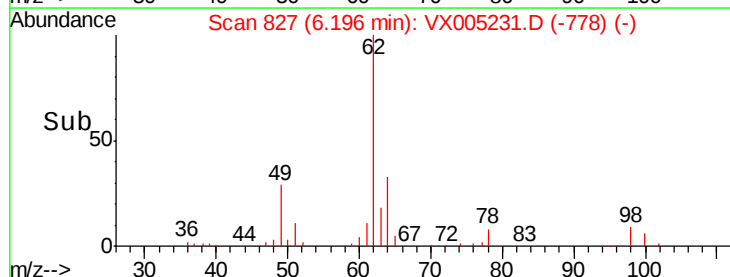
62 100

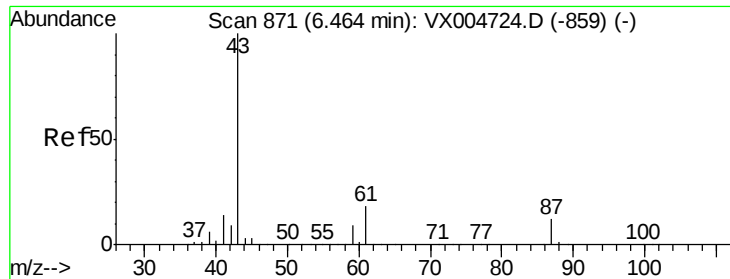
98 9.3 0.0 20.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 17.297 ug/l

RT: 6.47 min Scan# 872

Delta R.T. 0.01 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS04

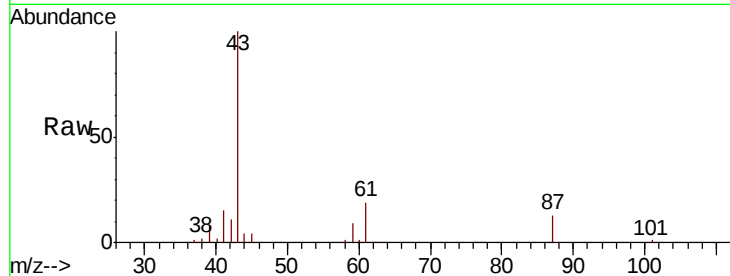
Tot Ion: 43 Resp: 102599

Ion Ratio Lower Upper

43 100

61 20.6 14.2 21.4

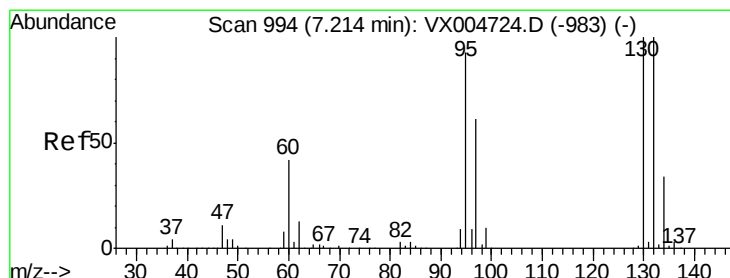
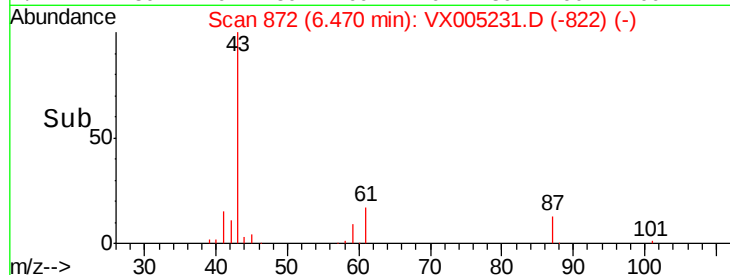
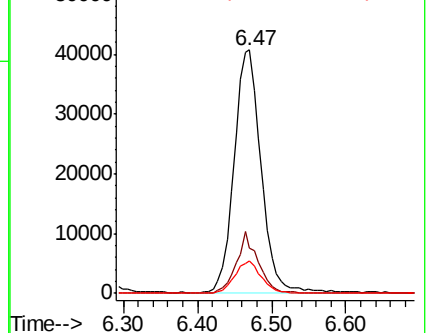
87 13.2 9.3 13.9



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: 18.924 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX005231.D

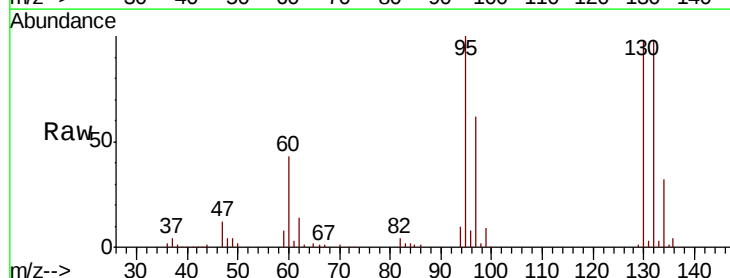
Acq: 11 Oct 2018 04:04

Tgt Ion:130 Resp: 45092

Ion Ratio Lower Upper

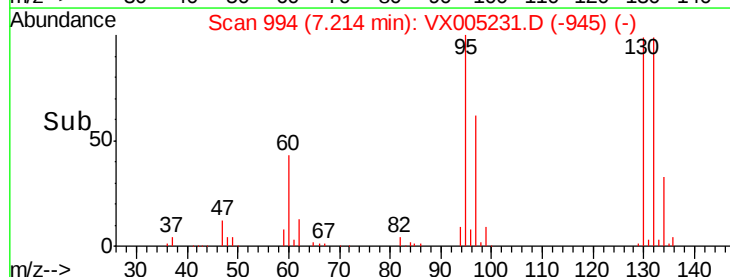
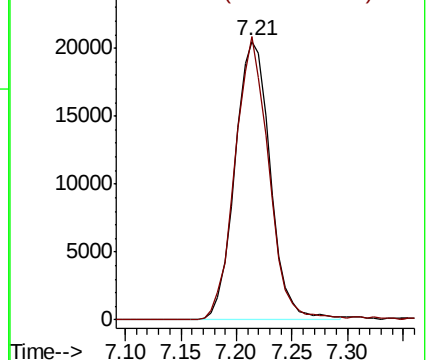
130 100

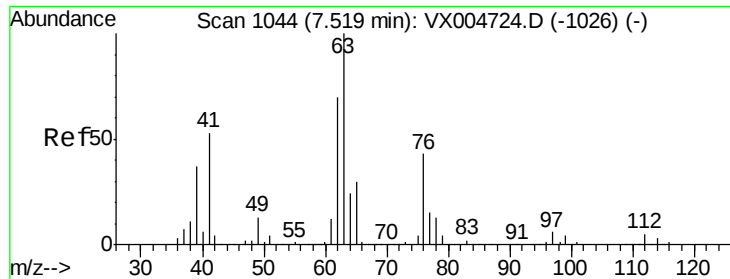
95 101.6 0.0 186.8



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

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

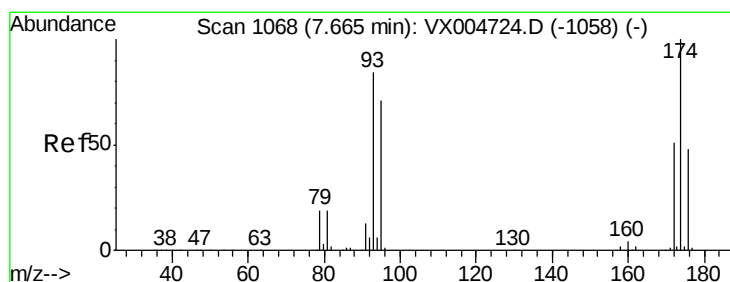
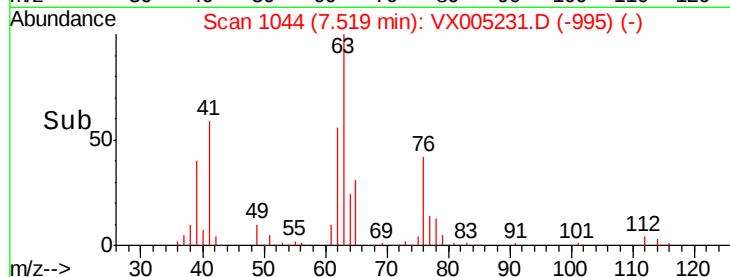
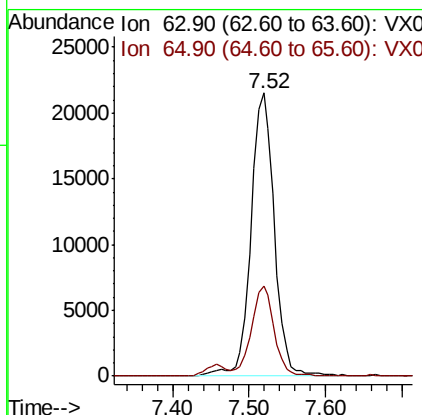
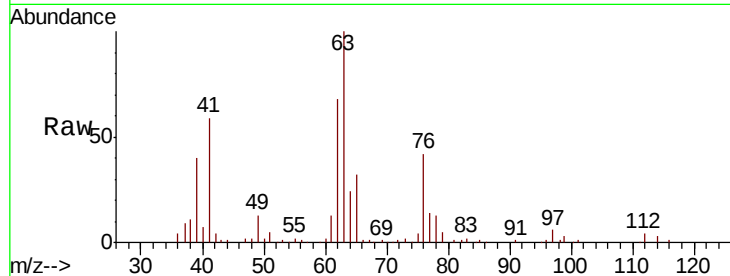




#45
 1,2-Dichloropropane
 Concen: 19.299 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. 0.00 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

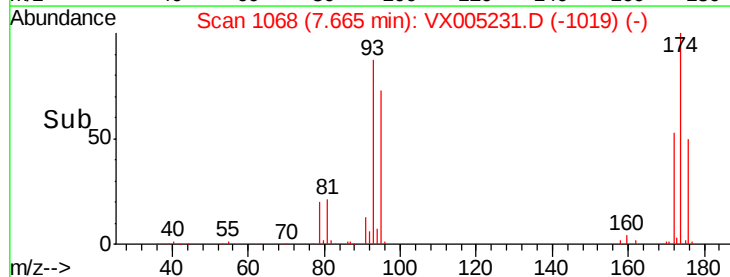
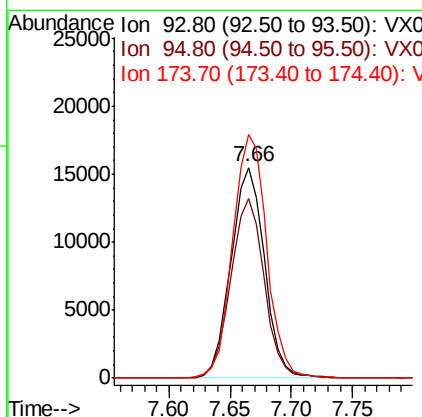
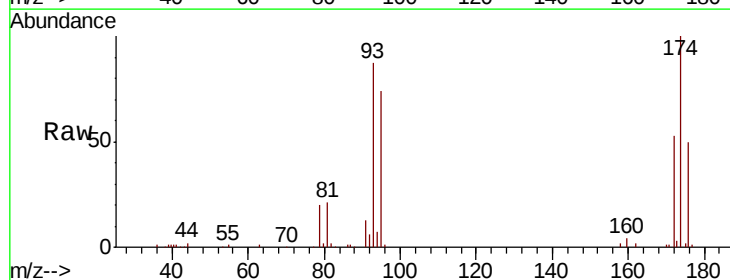
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS04

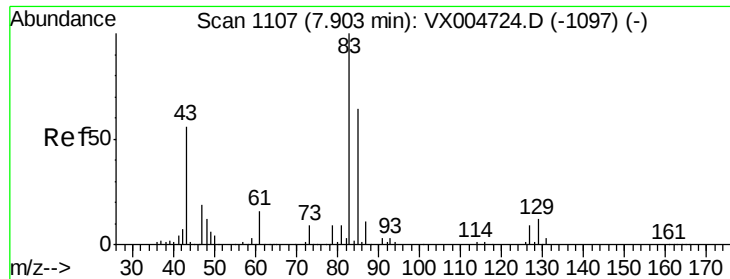
Tot Ion: 63 Resp: 45872
 Ion Ratio Lower Upper
 63 100
 65 31.8 23.9 35.9



#46
 Dibromomethane
 Concen: 19.654 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. 0.00 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

Tgt Ion: 93 Resp: 29359
 Ion Ratio Lower Upper
 93 100
 95 85.2 66.7 100.1
 174 117.6 92.7 139.1





#47

Bromodichloromethane

Concen: 20.363 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS04

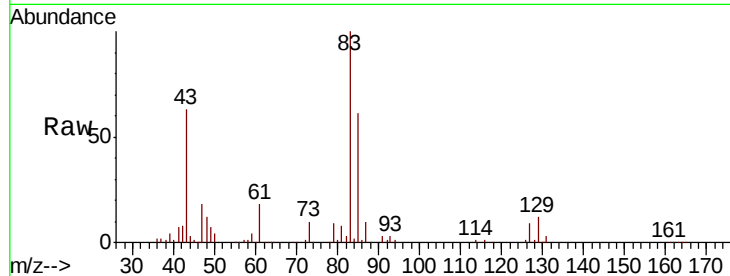
Tot Ion: 83 Resp: 56952

Ion Ratio Lower Upper

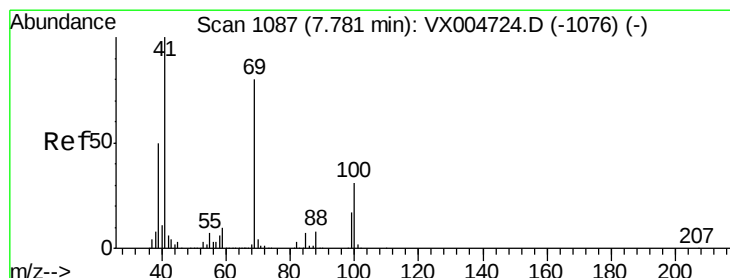
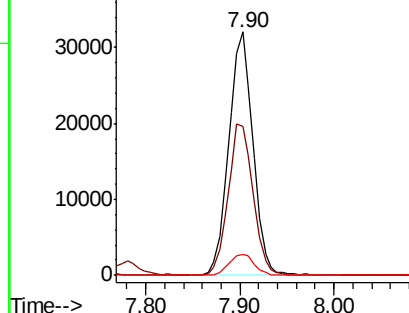
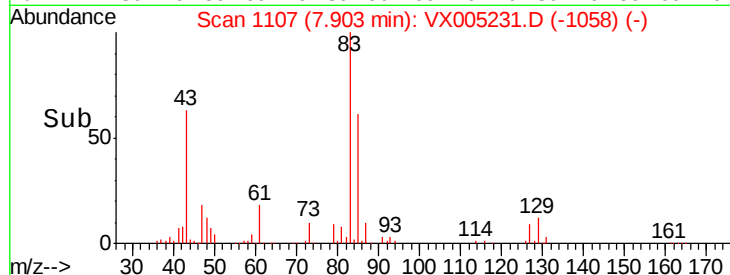
83 100

85 61.2 51.2 76.8

127 8.6 7.0 10.6



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



#48

Methyl methacrylate

Concen: 20.228 ug/l

RT: 7.78 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

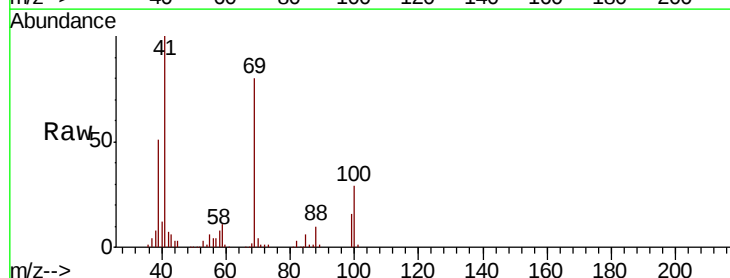
Tgt Ion: 41 Resp: 54459

Ion Ratio Lower Upper

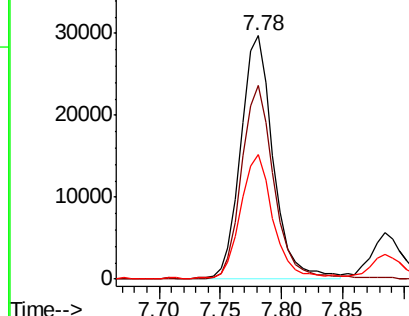
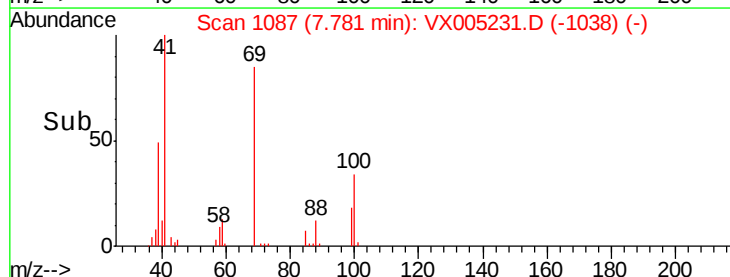
41 100

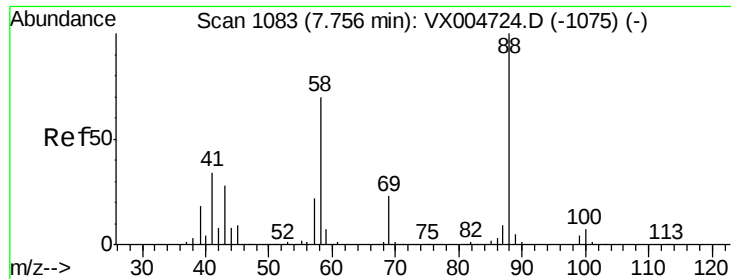
69 80.4 63.8 95.6

39 50.9 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

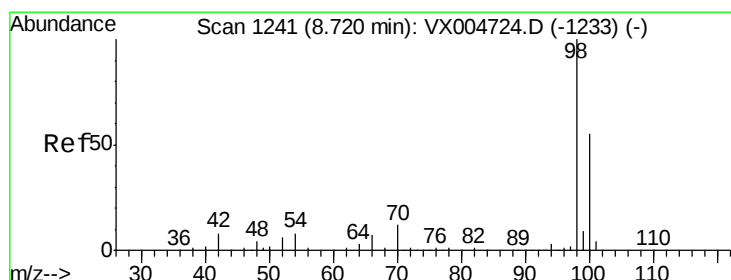
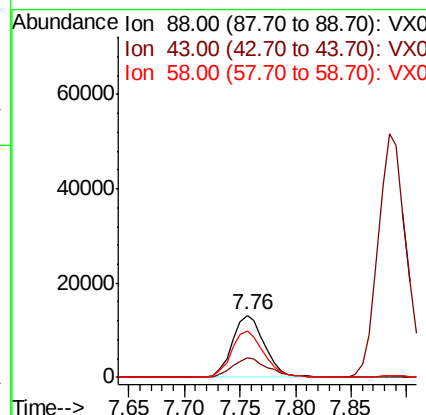
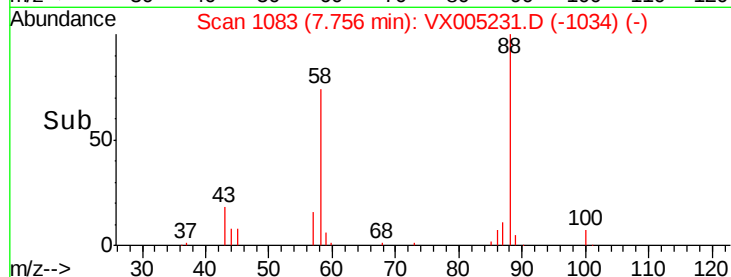
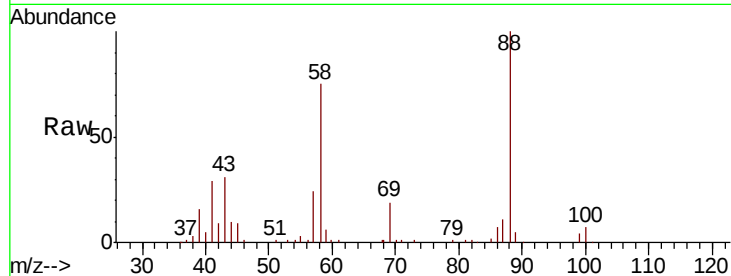




#49
1,4-Dioxane
Concen: 395.490 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

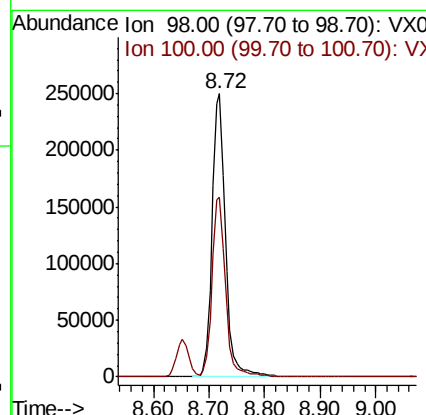
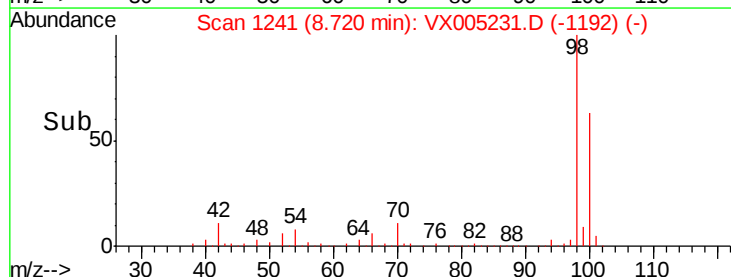
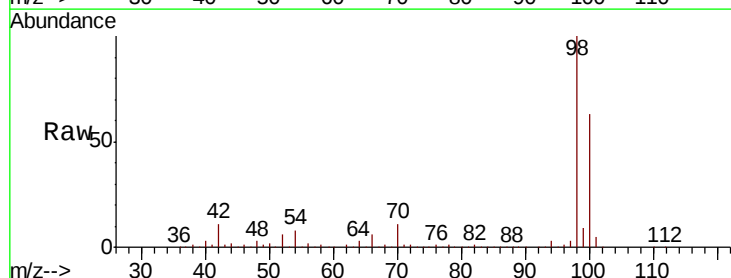
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

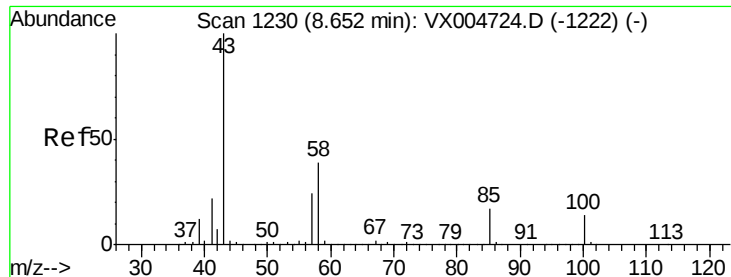
Tot Ion: 88 Resp: 26453
Ion Ratio Lower Upper
88 100
43 34.8 25.1 37.7
58 74.7 56.2 84.2



#50
Toluene-d8
Concen: 55.937 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion: 98 Resp: 421984
Ion Ratio Lower Upper
98 100
100 64.6 51.9 77.9

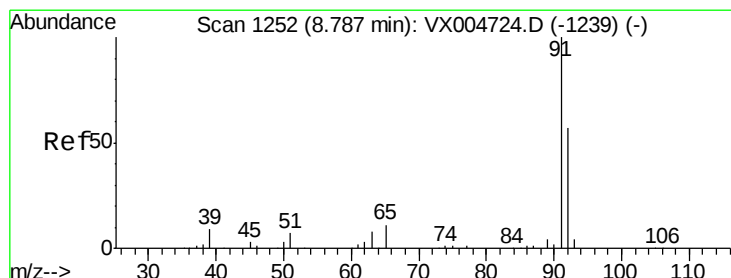
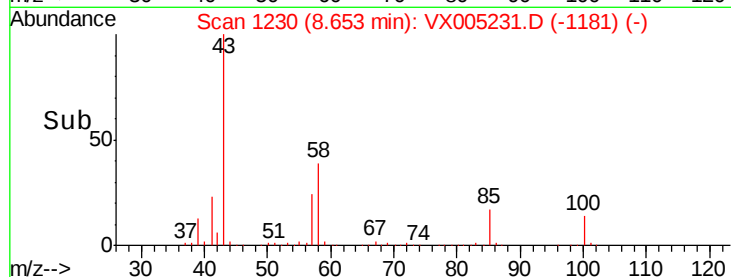
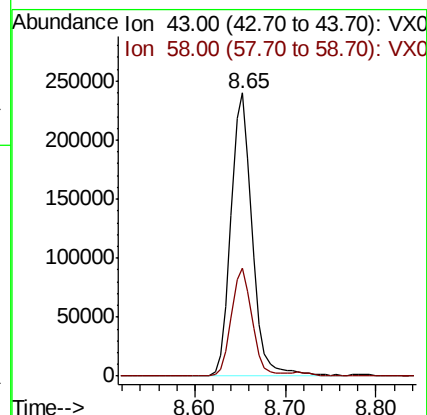
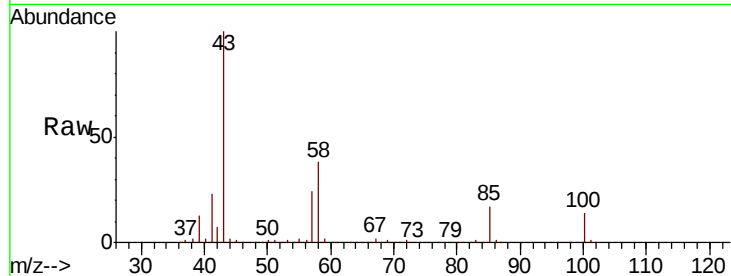




#51
4-Methyl-2-Pentanone
Concen: 104.737 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

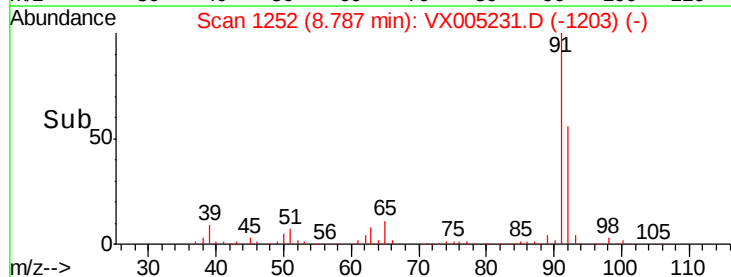
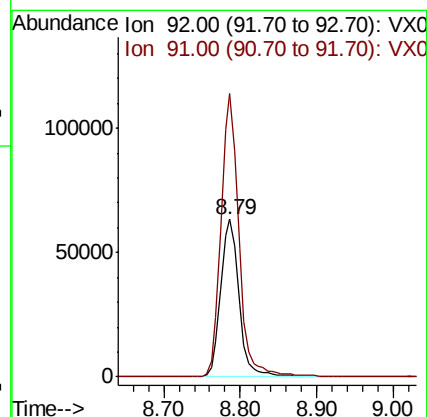
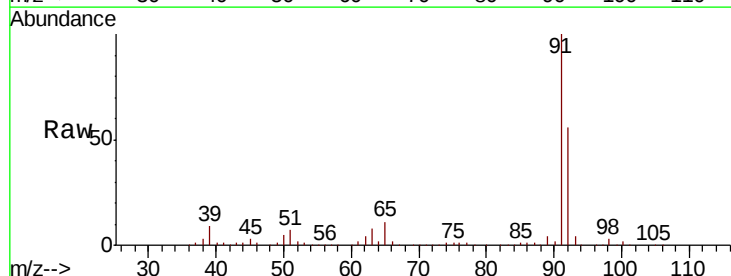
Instrument :
MSVOA_X
ClientSampled :
VX1010WBS04

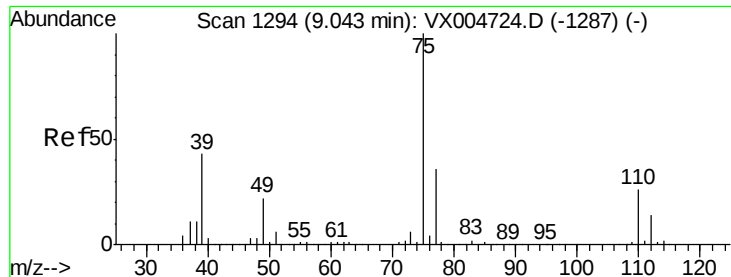
Tot Ion: 43 Resp: 391174
Ion Ratio Lower Upper
43 100
58 37.3 30.5 45.7



#52
Toluene
Concen: 19.972 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion: 92 Resp: 106370
Ion Ratio Lower Upper
92 100
91 174.5 136.7 205.1





#53

t-1,3-Dichloropropene

Concen: 17.454 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

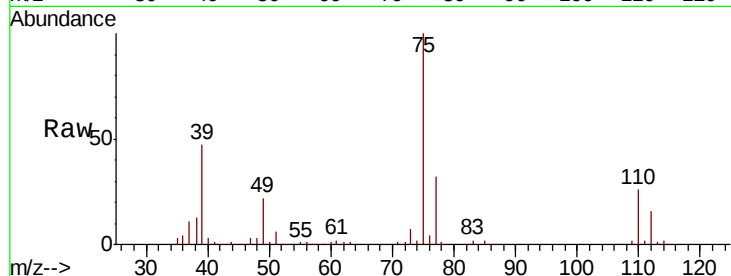
VX1010WBS04

Tot Ion: 75 Resp: 55162

Ion Ratio Lower Upper

75 100

77 31.7 28.9 43.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

9.04

40000

30000

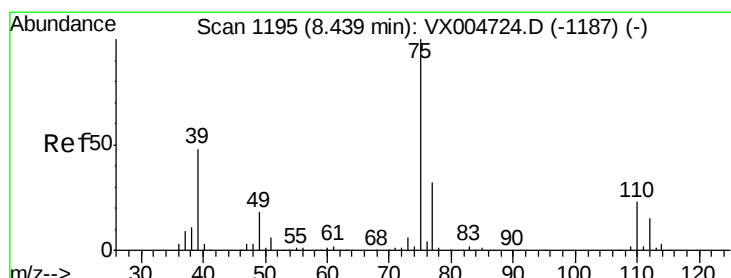
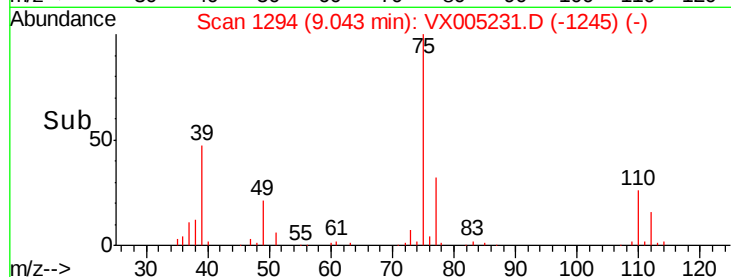
20000

10000

0

8.95 9.00 9.05 9.10 9.15

Time-->



#54

cis-1,3-Dichloropropene

Concen: 18.930 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

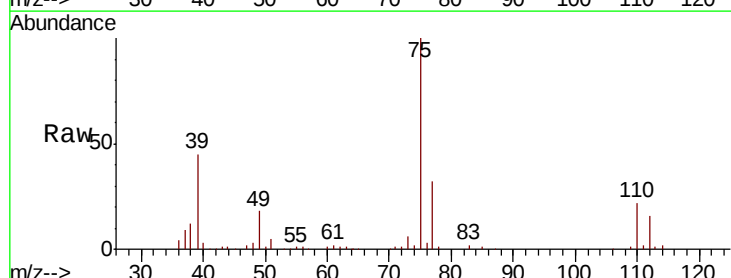
Tgt Ion: 75 Resp: 62667

Ion Ratio Lower Upper

75 100

77 32.3 25.7 38.5

39 45.2 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

8.44

50000

40000

30000

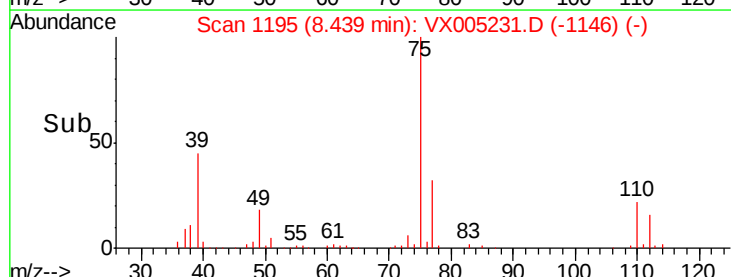
20000

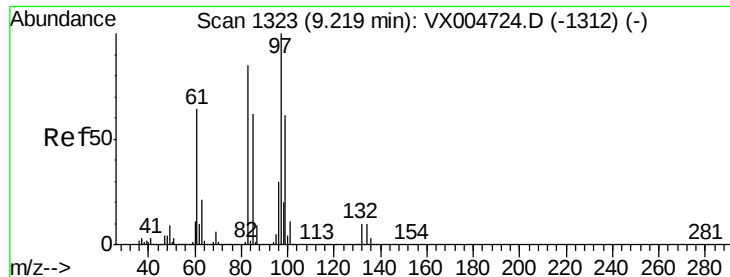
10000

0

8.40 8.50 8.60

Time-->



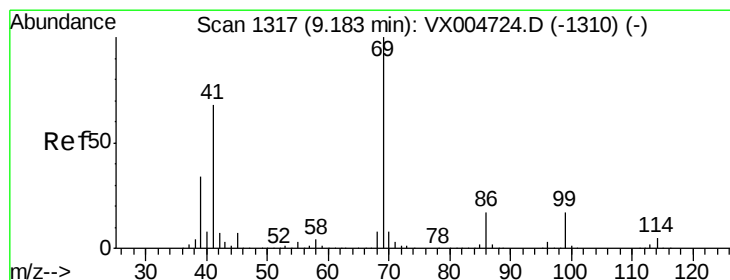
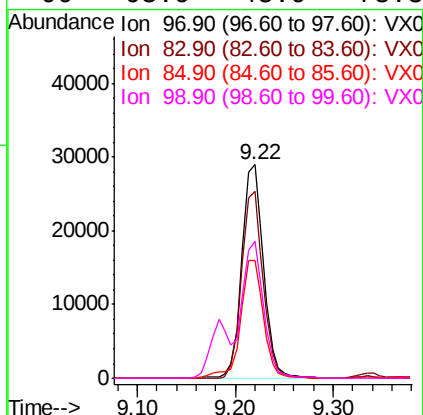
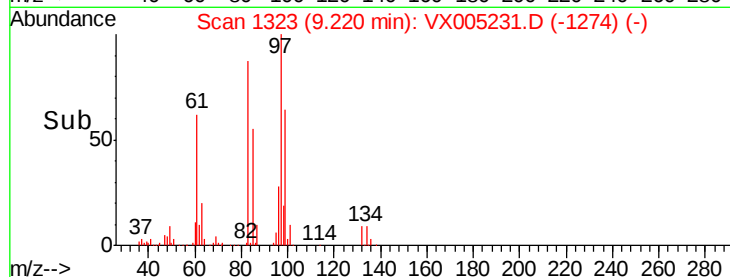
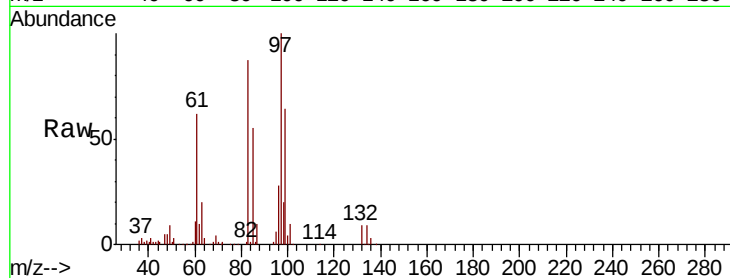


#55
 1,1,2-Trichloroethane
 Concen: 19.196 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. 0.00 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS04

Tot Ion: 97 Resp: 44783

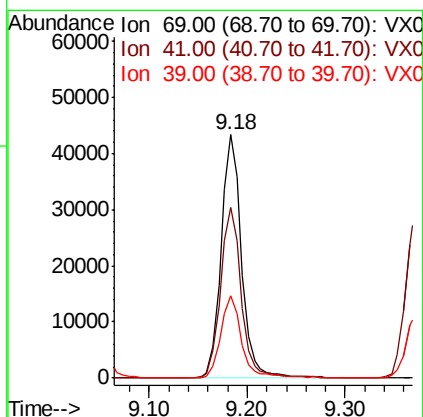
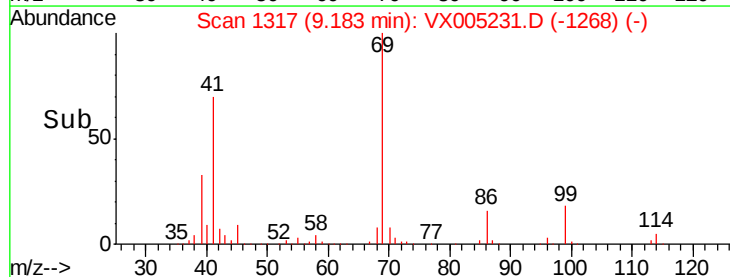
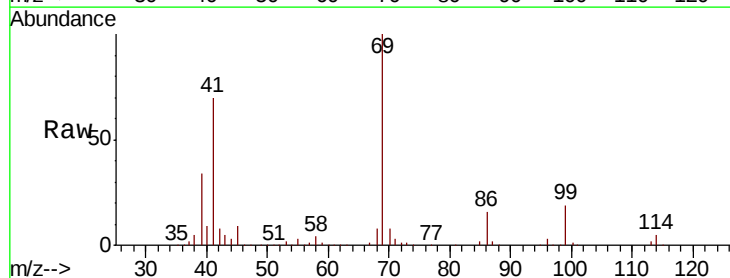
Ion	Ratio	Lower	Upper
97	100		
83	87.2	68.2	102.2
85	55.3	49.9	74.9
99	63.9	48.9	73.3

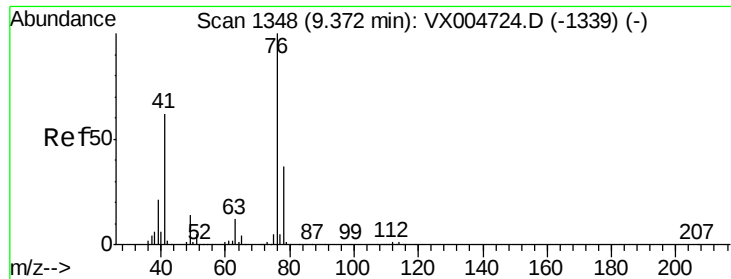


#56
 Ethyl methacrylate
 Concen: 18.489 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

Tgt Ion: 69 Resp: 62751

Ion	Ratio	Lower	Upper
69	100		
41	70.9	56.9	85.3
39	34.3	28.4	42.6





#57

1,3-Dichloropropane

Concen: 19.071 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

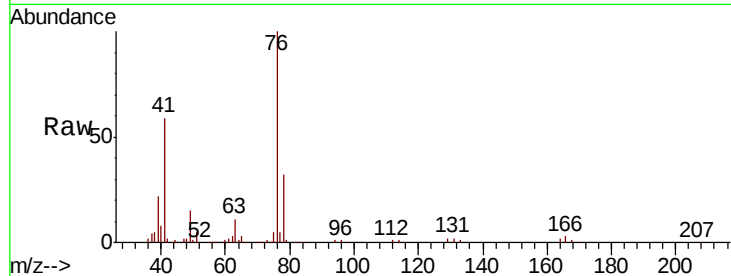
VX1010WBS04

Tot Ion: 76 Resp: 74047

Ion Ratio Lower Upper

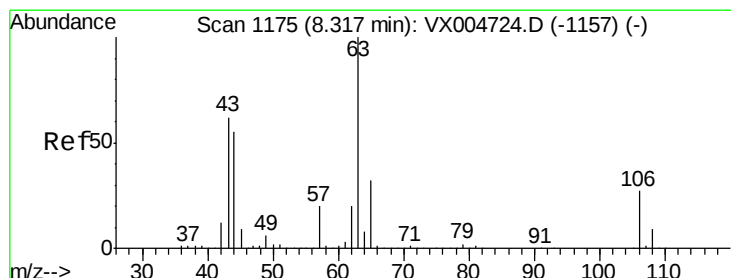
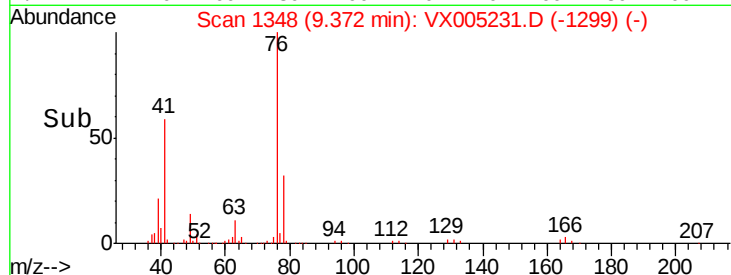
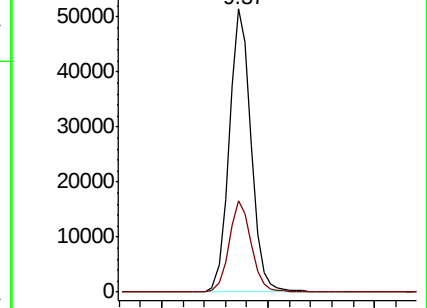
76 100

78 32.3 26.6 40.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 91.376 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX005231.D

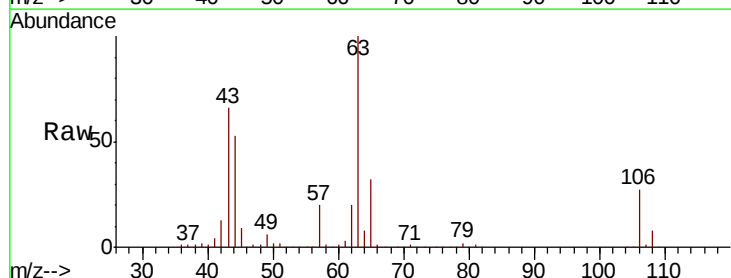
Acq: 11 Oct 2018 04:04

Tgt Ion: 63 Resp: 164417

Ion Ratio Lower Upper

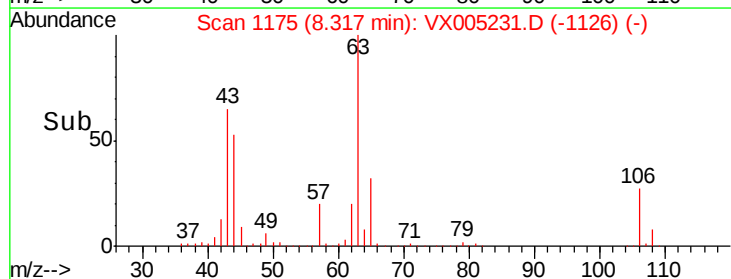
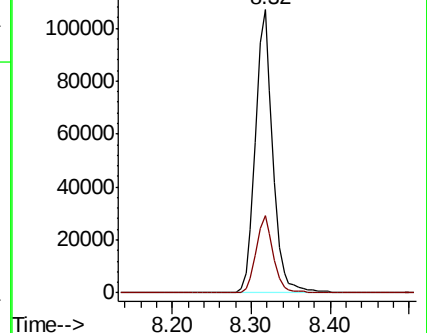
63 100

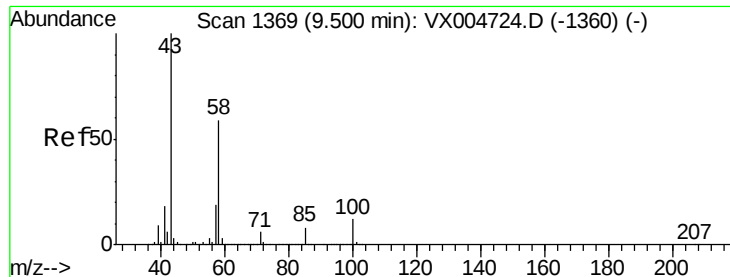
106 27.2 21.0 31.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

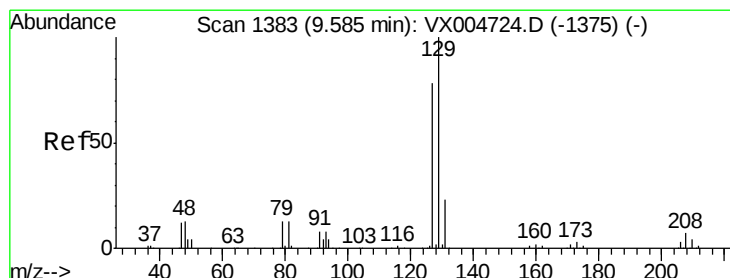
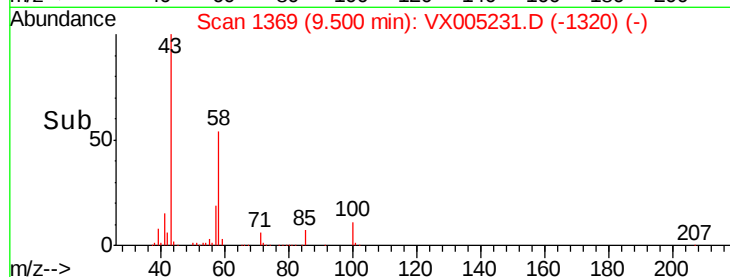
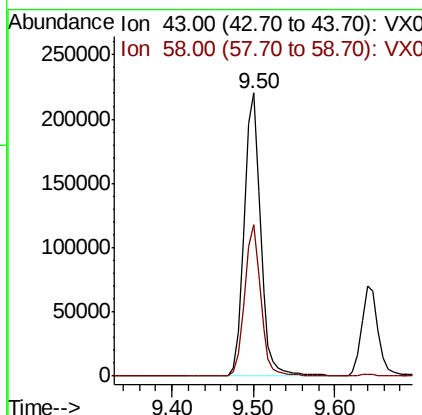
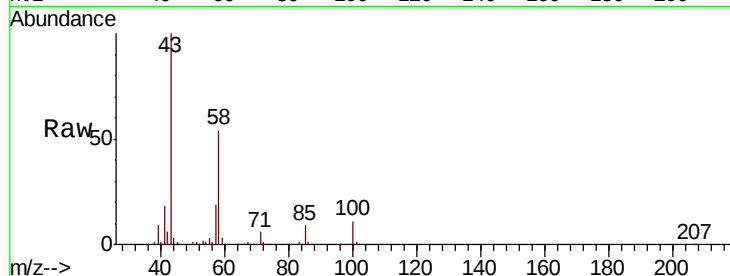




#59
2-Hexanone
Concen: 98.363 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

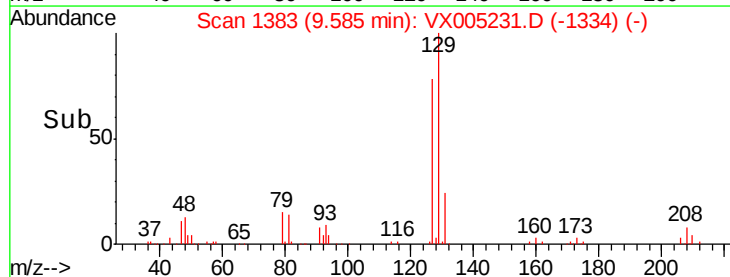
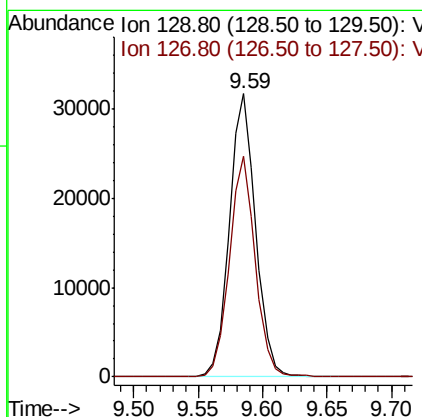
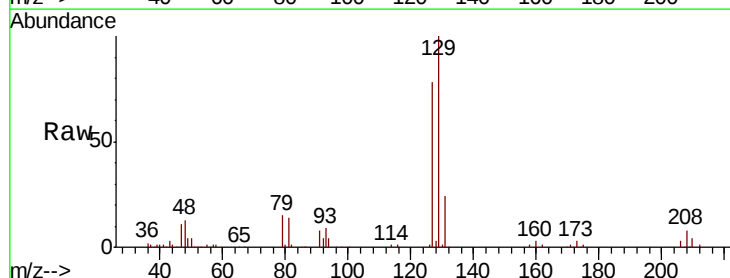
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

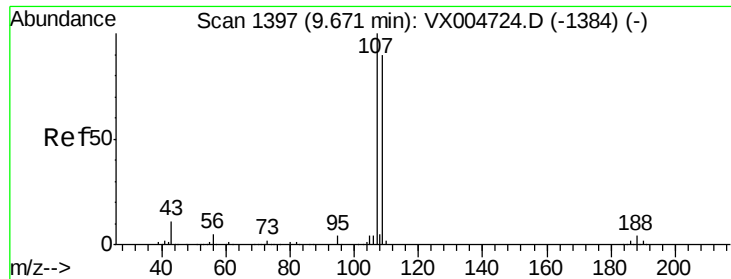
Tot Ion: 43 Resp: 306134
Ion Ratio Lower Upper
43 100
58 52.8 28.4 85.3



#60
Dibromochloromethane
Concen: 19.275 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion: 129 Resp: 44971
Ion Ratio Lower Upper
129 100
127 77.1 39.1 117.2





#61

1,2-Dibromoethane

Concen: 18.629 ug/l

RT: 9.68 min Scan# 1398

Delta R.T. 0.01 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

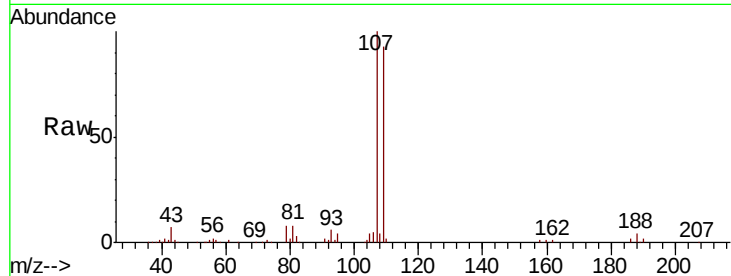
VX1010WBS04

Tot Ion:107 Resp: 46543

Ion Ratio Lower Upper

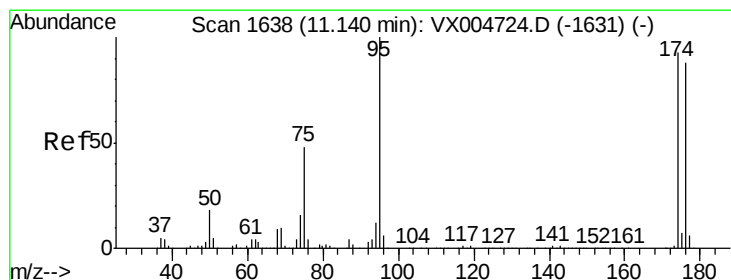
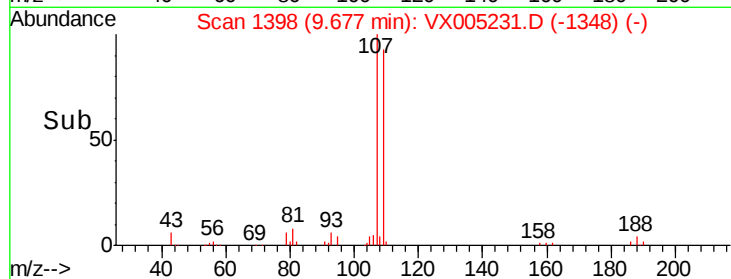
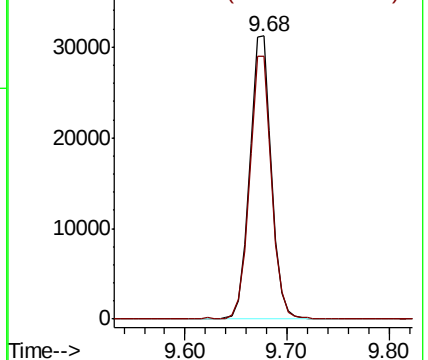
107 100

109 93.8 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: 59.826 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

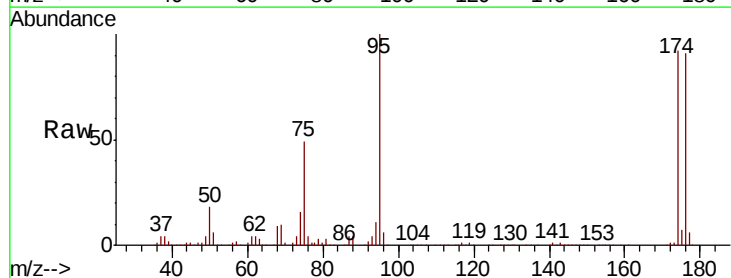
Tgt Ion: 95 Resp: 162590

Ion Ratio Lower Upper

95 100

174 92.2 0.0 185.0

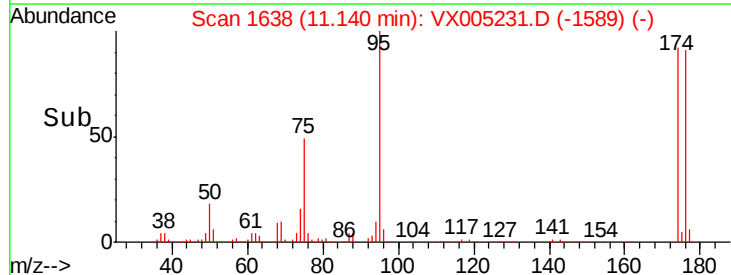
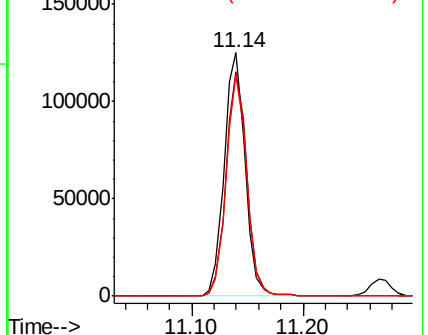
176 89.2 0.0 180.2

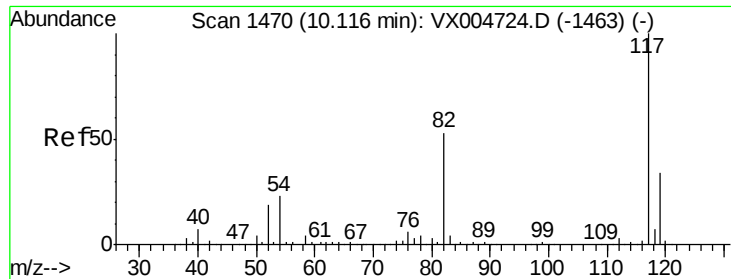


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

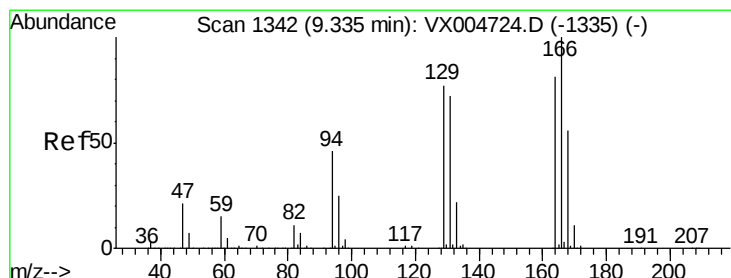
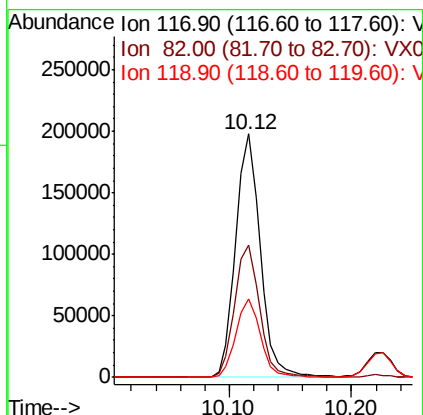
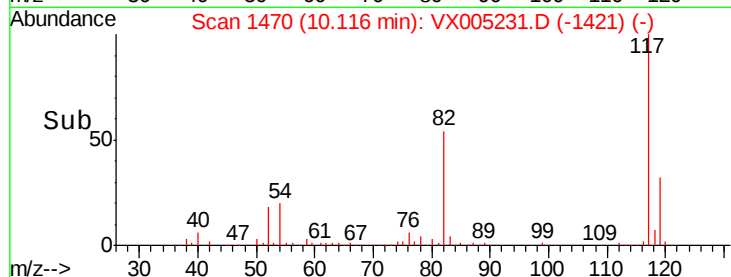
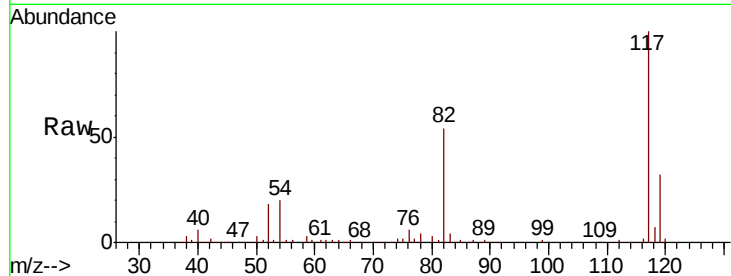




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

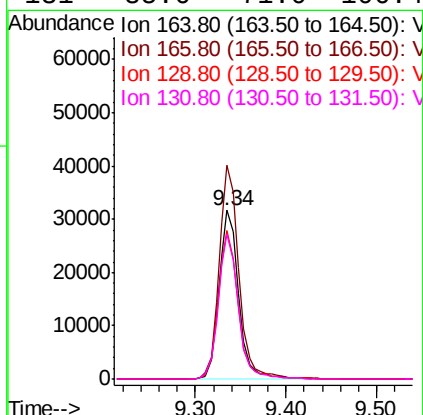
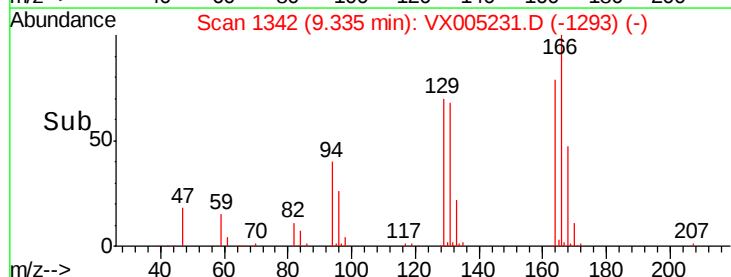
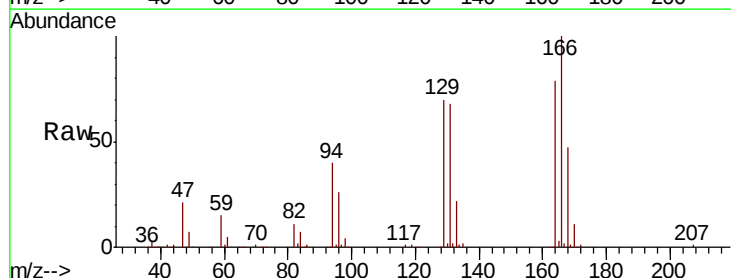
Instrument :
MSVOA_X
ClientSampled :
VX1010WBS04

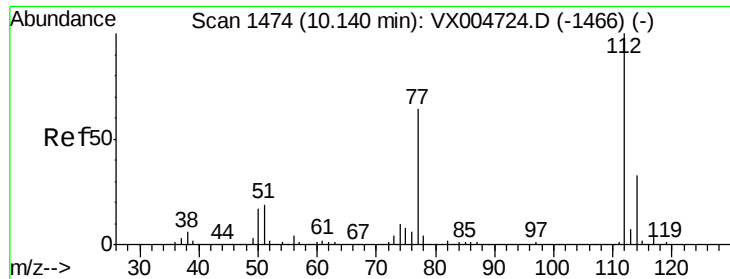
Tot Ion:117 Resp: 275412
Ion Ratio Lower Upper
117 100
82 54.3 42.2 63.4
119 32.5 27.4 41.0



#64
Tetrachloroethene
Concen: 17.697 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion:164 Resp: 47970
Ion Ratio Lower Upper
164 100
166 126.5 98.4 147.6
129 88.3 76.1 114.1
131 85.6 71.0 106.4

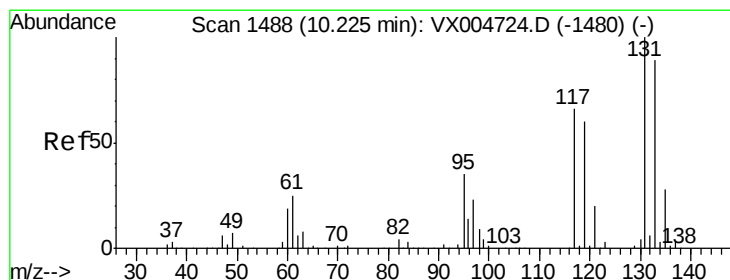
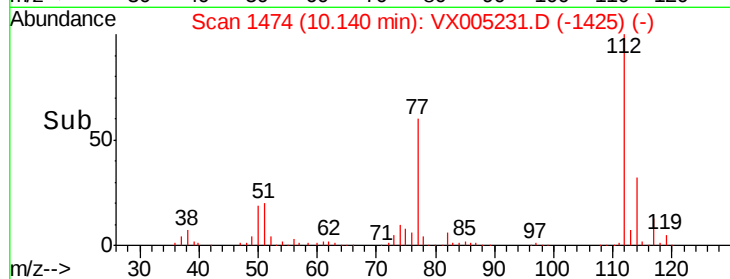
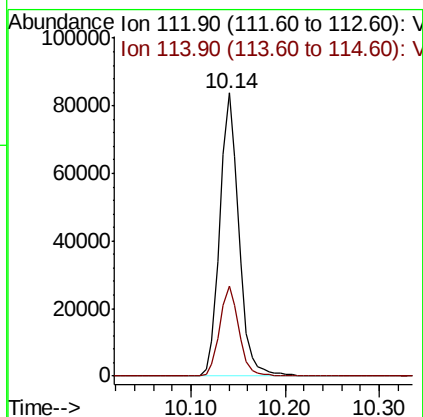
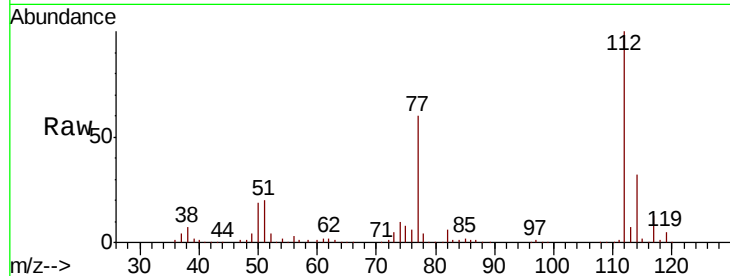




#65
Chlorobenzene
Concen: 16.725 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

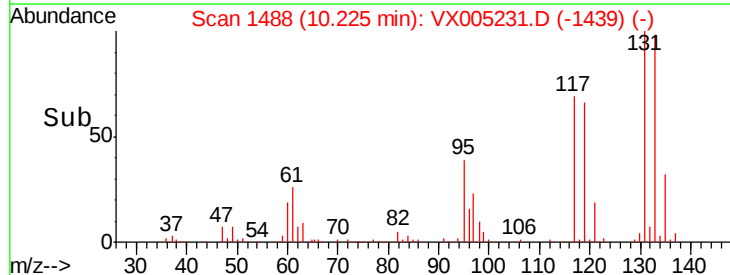
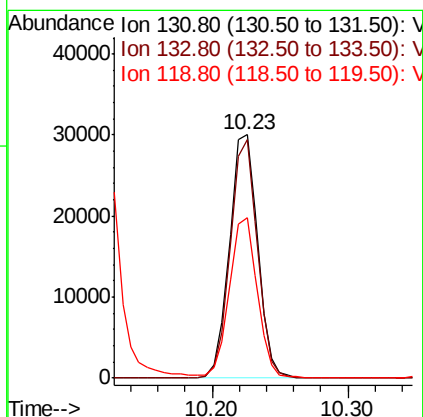
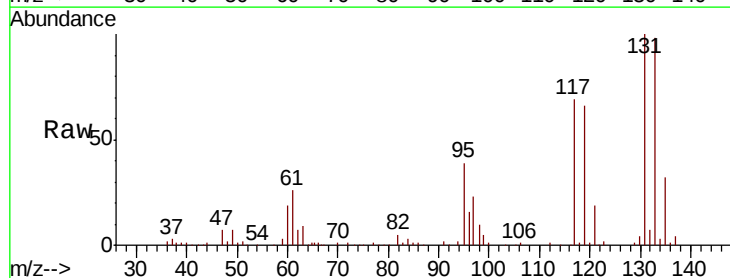
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

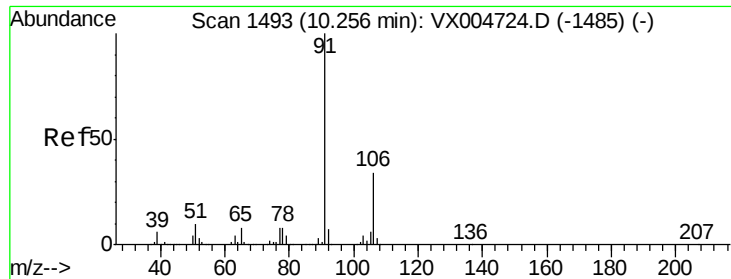
Tot Ion:112 Resp: 118120
Ion Ratio Lower Upper
112 100
114 31.8 26.7 40.1



#66
1,1,1,2-Tetrachloroethane
Concen: 17.443 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion:131 Resp: 43309
Ion Ratio Lower Upper
131 100
133 94.1 48.4 145.0
119 65.9 32.3 96.8





#67

Ethyl Benzene

Concen: 17.182 ug/l

RT: 10.26 min Scan# 1493

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

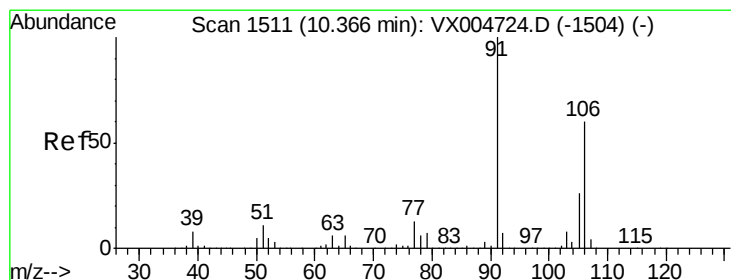
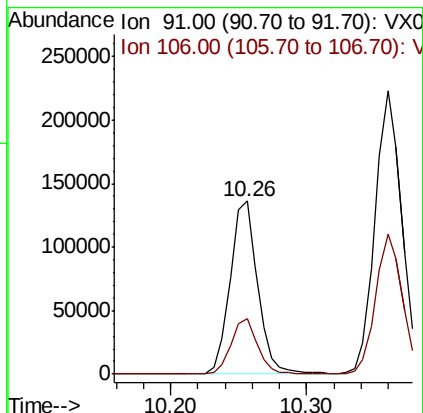
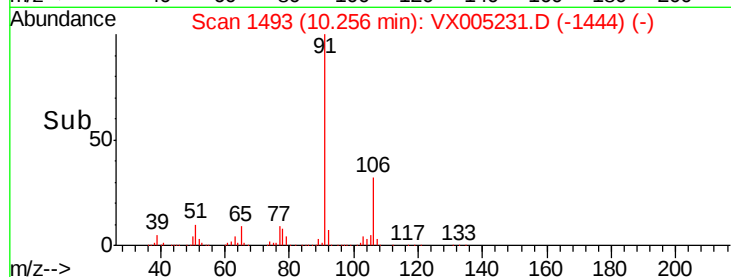
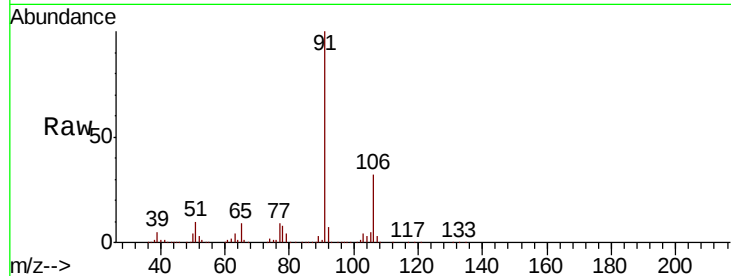
VX1010WBS04

Tot Ion: 91 Resp: 192651

Ion Ratio Lower Upper

91 100

106 32.2 26.9 40.3



#68

m/p-Xylenes

Concen: 35.138 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.01 min

Lab File: VX005231.D

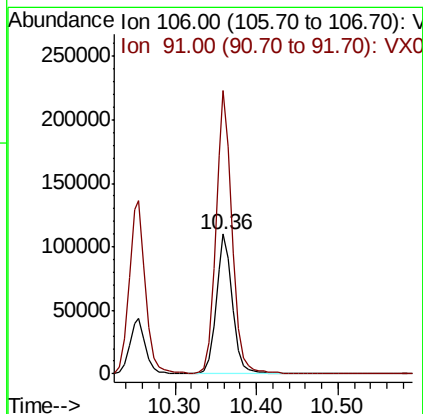
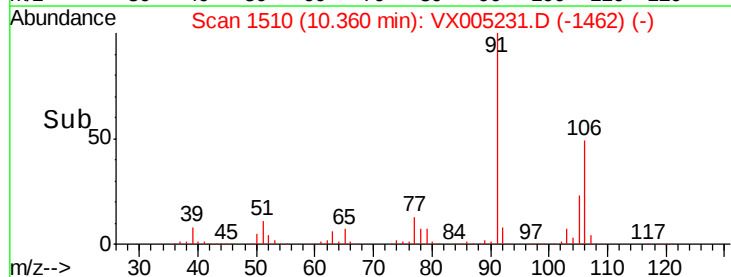
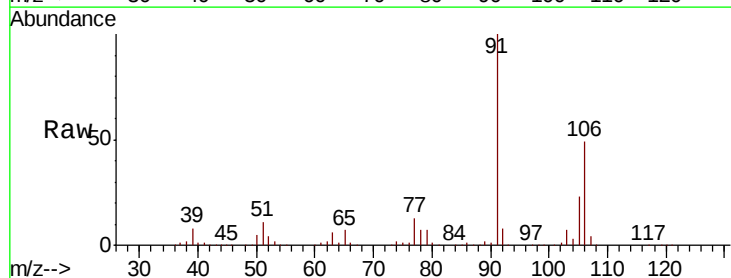
Acq: 11 Oct 2018 04:04

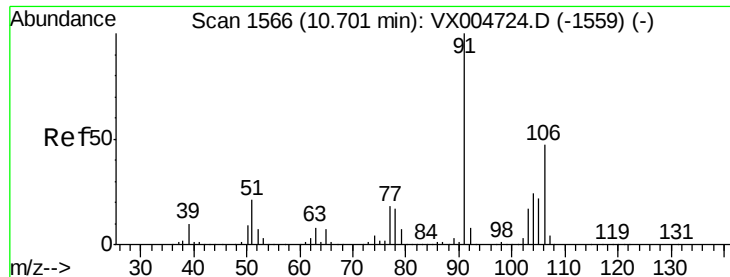
Tgt Ion: 106 Resp: 153957

Ion Ratio Lower Upper

106 100

91 202.8 157.5 236.3

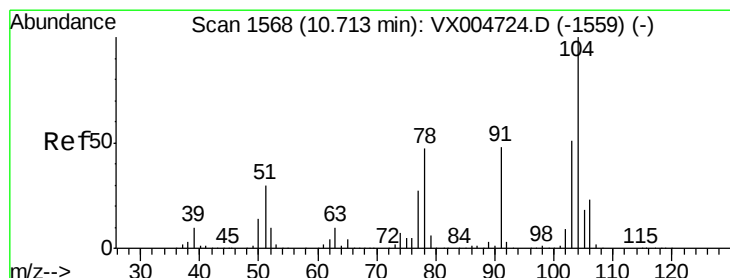
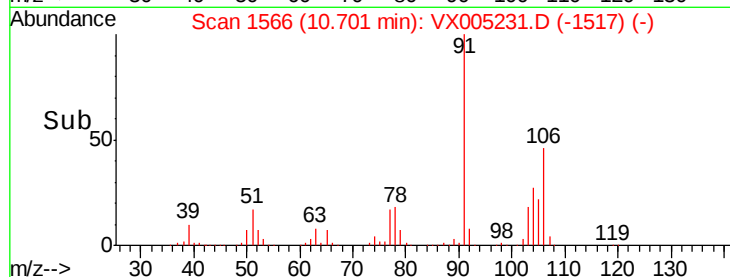
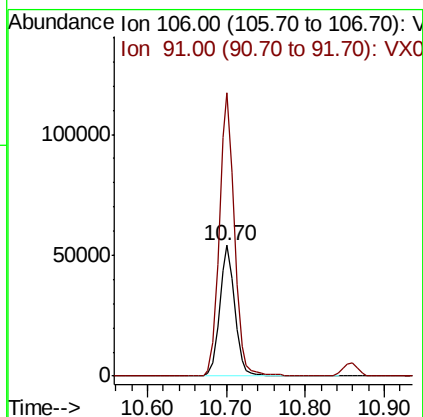
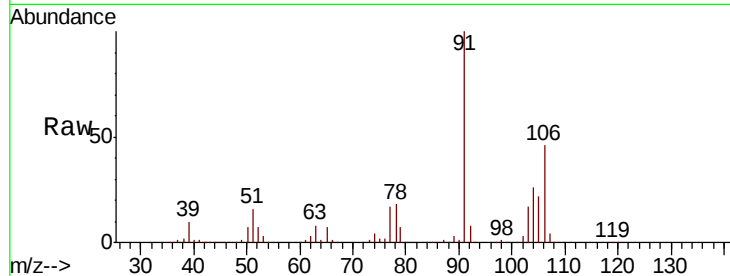




#69
o-Xylene
Concen: 18.015 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

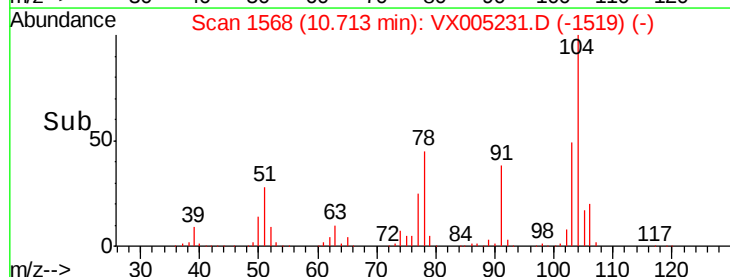
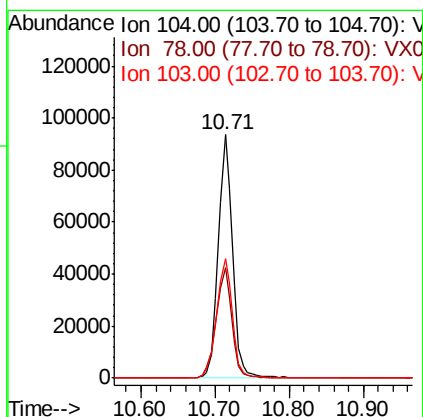
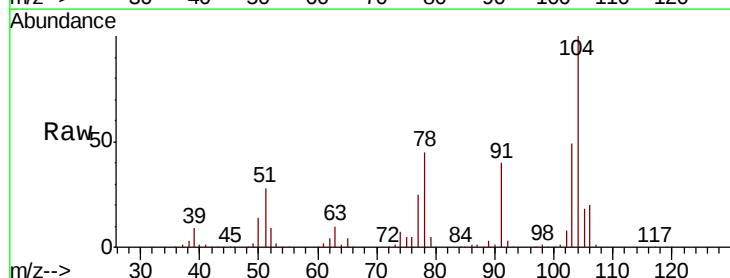
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

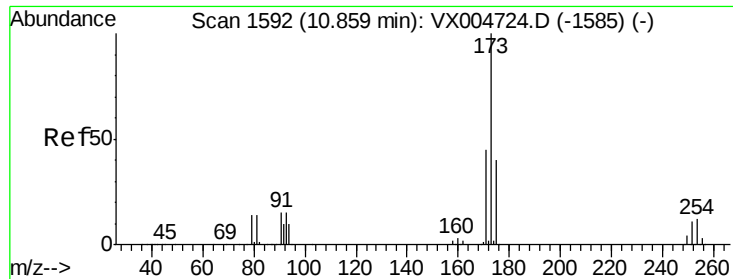
Tot Ion:106 Resp: 72498
Ion Ratio Lower Upper
106 100
91 216.1 108.3 324.8



#70
Styrene
Concen: 17.871 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion:104 Resp: 123693
Ion Ratio Lower Upper
104 100
78 49.9 40.0 60.0
103 54.4 44.3 66.5

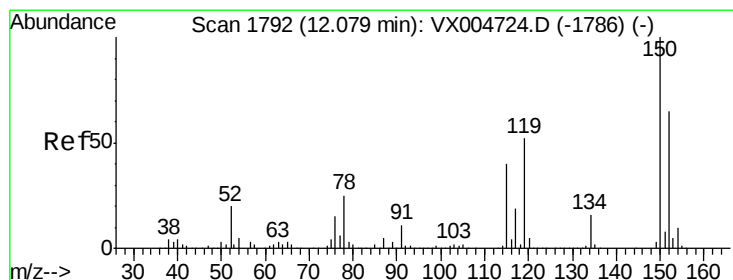
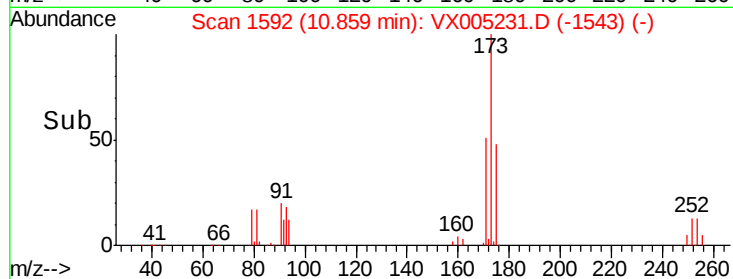
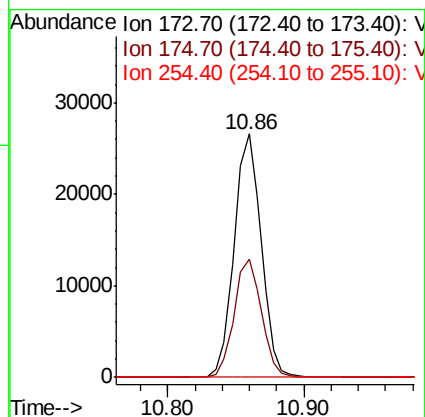
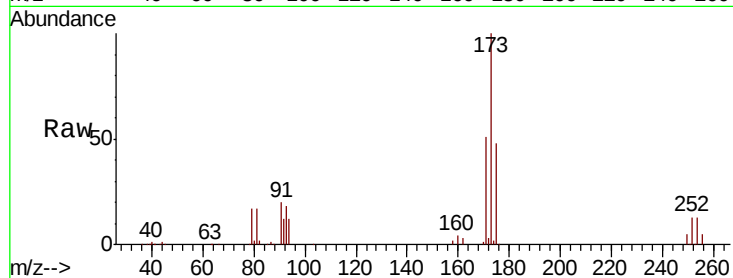




#71
Bromoform
Concen: 17.310 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

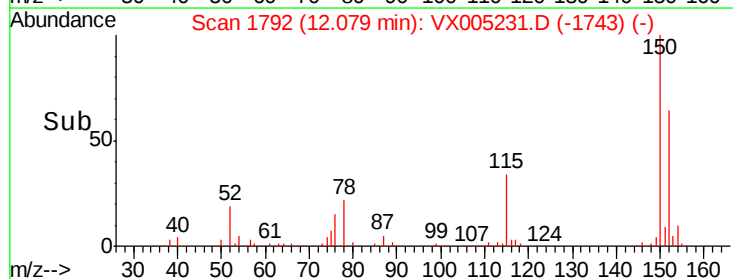
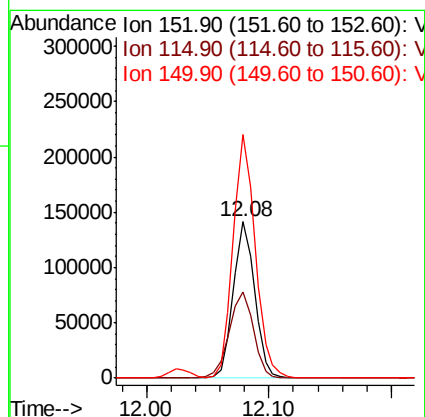
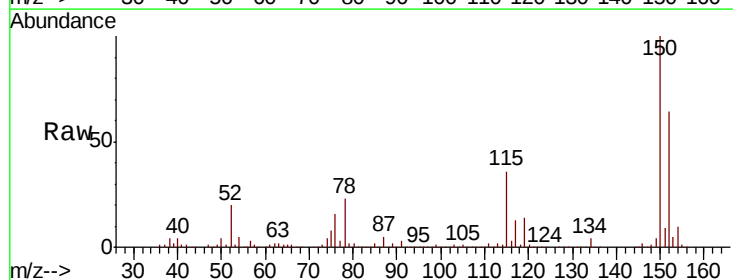
Instrument :
MSVOA_X
ClientSampleId :
VX1010WBS04

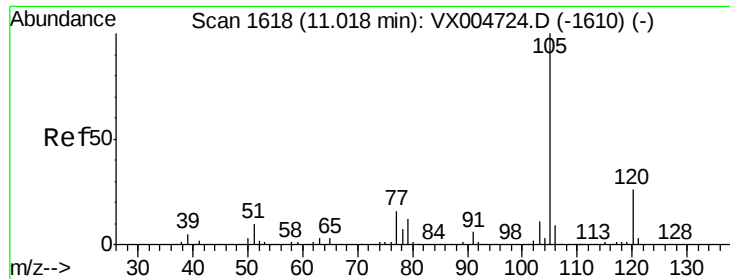
Tot Ion:173 Resp: 36794
Ion Ratio Lower Upper
173 100
175 48.6 23.3 69.8
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion:152 Resp: 169726
Ion Ratio Lower Upper
152 100
115 63.1 40.2 120.6
150 161.8 0.0 351.0





#73

Isopropylbenzene

Concen: 18.479 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

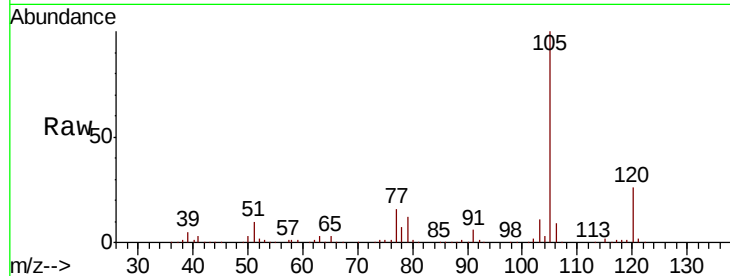
VX1010WBS04

Tot Ion: 105 Resp: 197692

Ion Ratio Lower Upper

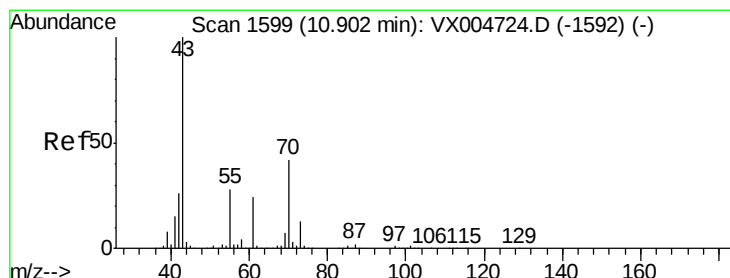
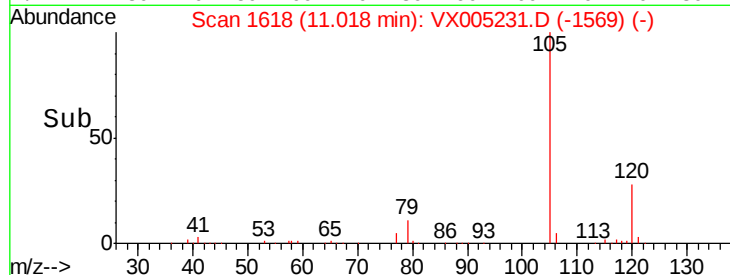
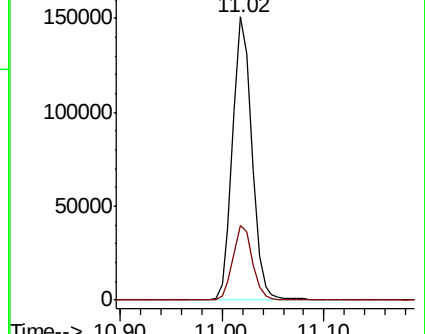
105 100

120 26.8 13.2 39.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.477 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Tgt Ion: 43 Resp: 89745

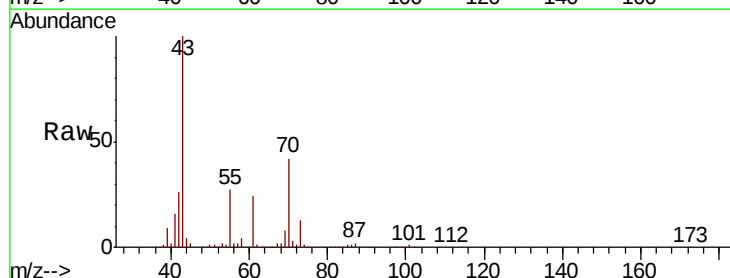
Ion Ratio Lower Upper

43 100

70 41.0 32.6 48.8

55 26.7 21.6 32.4

61 23.0 19.1 28.7

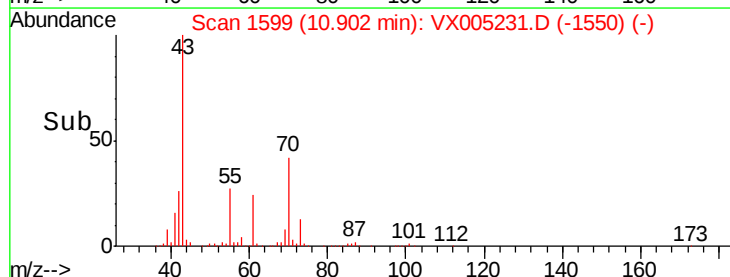
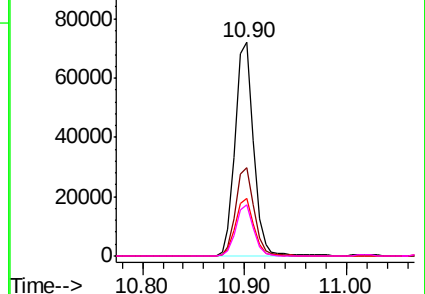


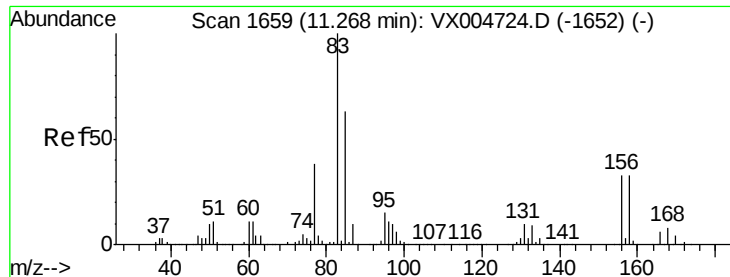
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 16.989 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS04

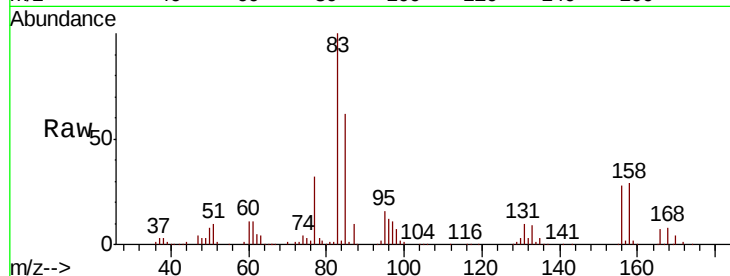
Tot Ion: 83 Resp: 73983

Ion Ratio Lower Upper

83 100

131 10.4 5.1 15.3

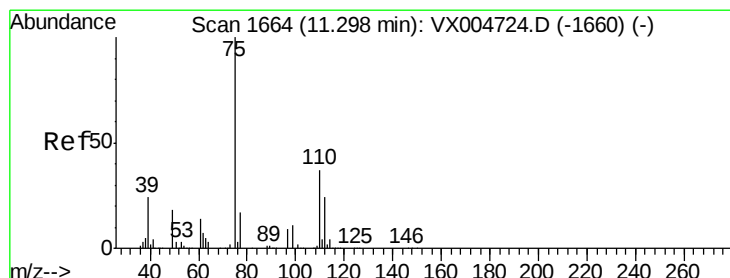
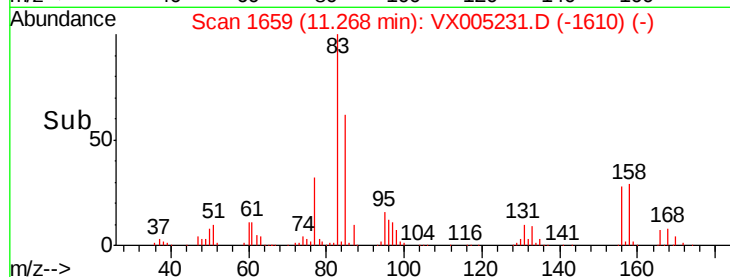
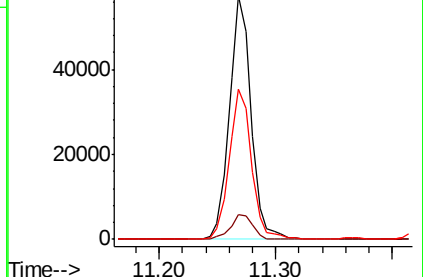
85 63.6 31.9 95.9



Abundance Ion 82.90 (82.60 to 83.60): VX004724.D (-1652) (-)

Ion 130.80 (130.50 to 131.50): VX004724.D (-1652) (-)

Ion 84.90 (84.60 to 85.60): VX004724.D (-1652) (-)



#76

1,2,3-Trichloropropane

Concen: 21.166 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. 0.00 min

Lab File: VX005231.D

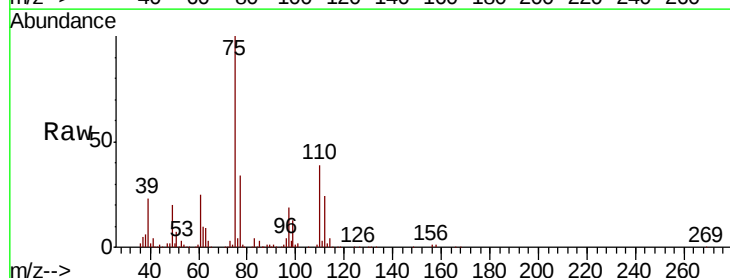
Acq: 11 Oct 2018 04:04

Tgt Ion: 75 Resp: 80520

Ion Ratio Lower Upper

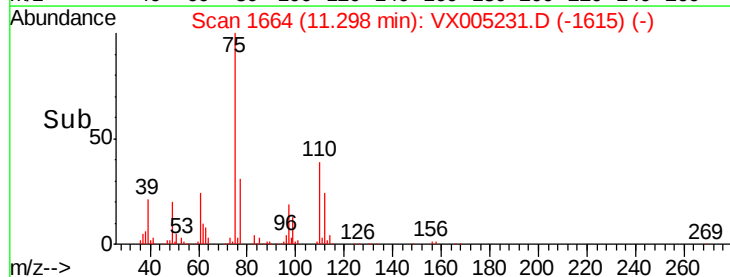
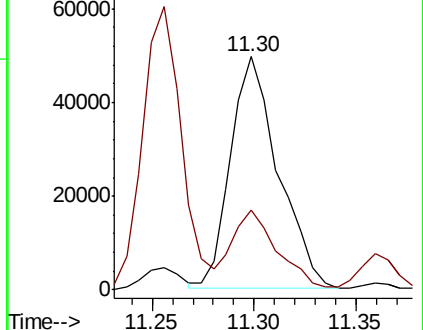
75 100

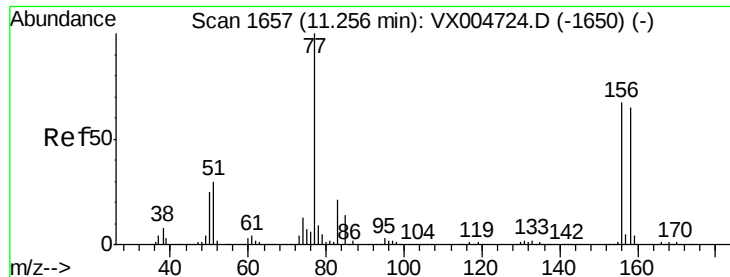
77 32.5 21.4 64.3



Abundance Ion 74.90 (74.60 to 75.60): VX004724.D (-1660) (-)

Ion 77.00 (76.70 to 77.70): VX004724.D (-1660) (-)





#77

Bromobenzene

Concen: 17.729 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS04

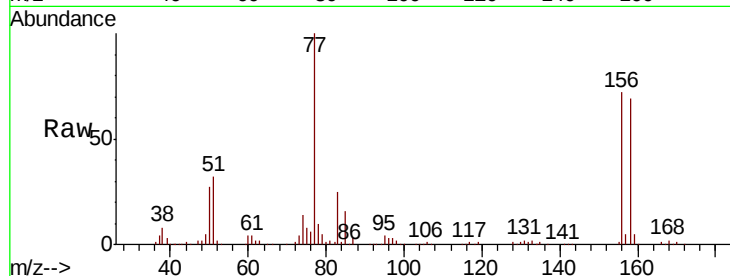
Tot Ion:156 Resp: 55089

Ion Ratio Lower Upper

156 100

77 145.3 73.4 220.2

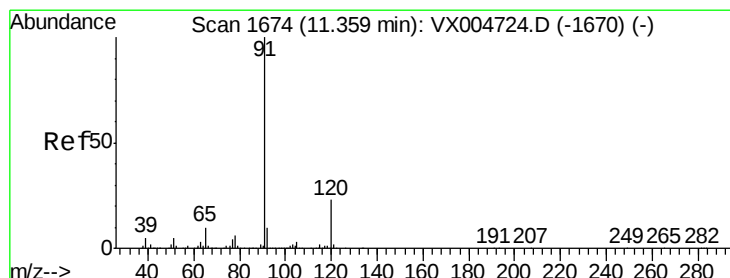
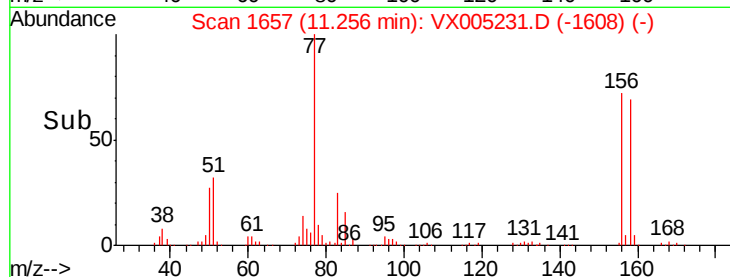
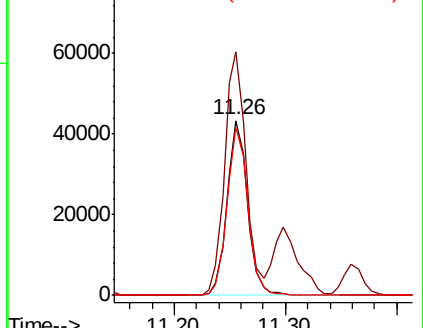
158 98.0 49.1 147.4



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: 18.467 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX005231.D

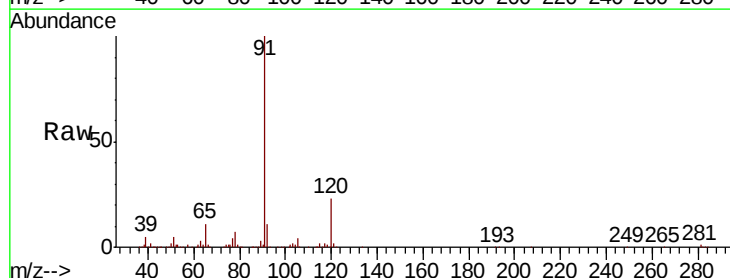
Acq: 11 Oct 2018 04:04

Tgt Ion: 91 Resp: 226679

Ion Ratio Lower Upper

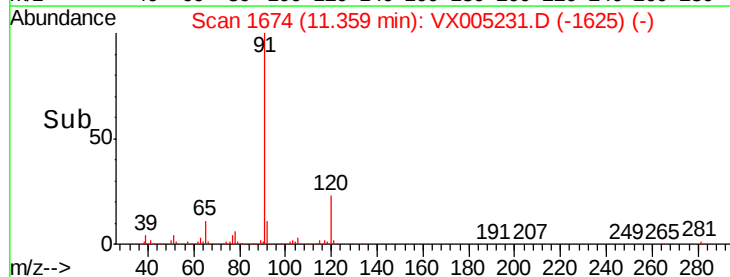
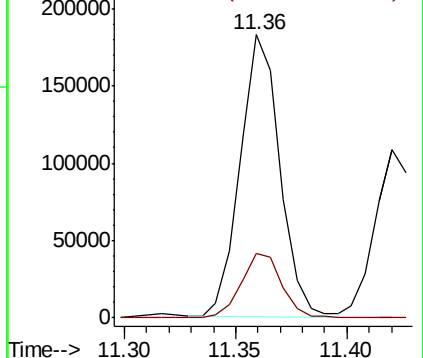
91 100

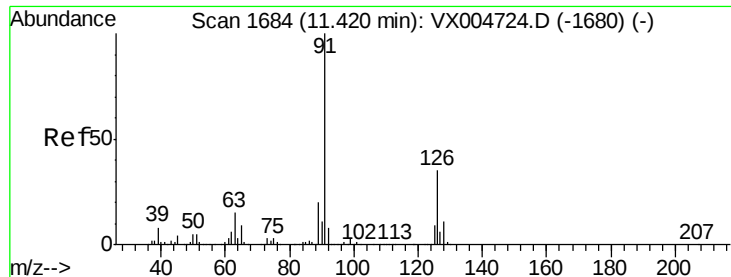
120 23.7 12.0 36.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.101 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

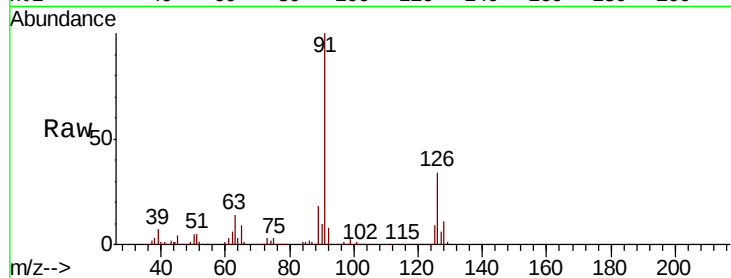
VX1010WBS04

Tot Ion: 91 Resp: 138493

Ion Ratio Lower Upper

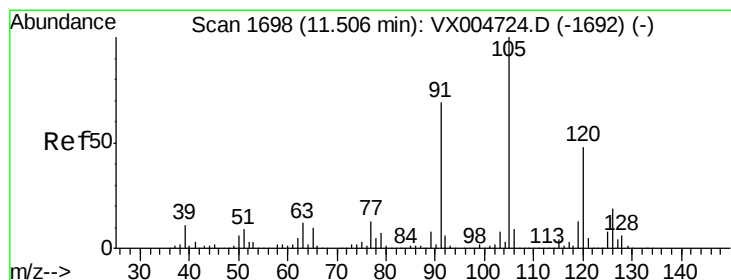
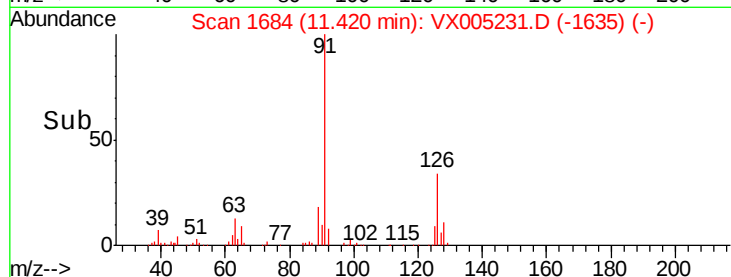
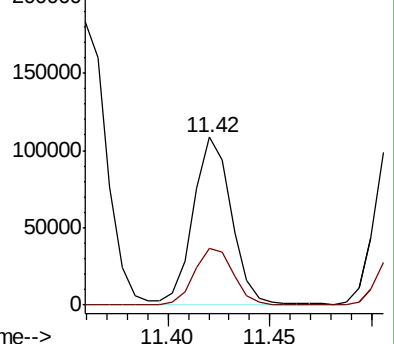
91 100

126 35.5 17.6 52.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 17.279 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. 0.00 min

Lab File: VX005231.D

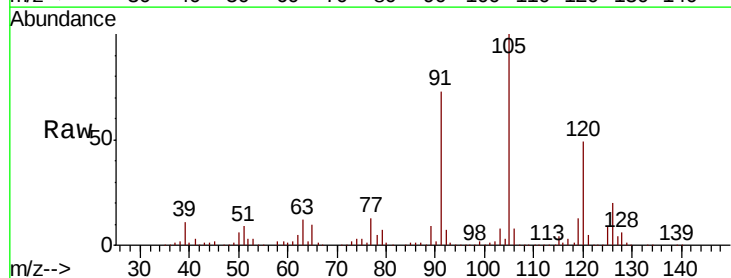
Acq: 11 Oct 2018 04:04

Tgt Ion:105 Resp: 170690

Ion Ratio Lower Upper

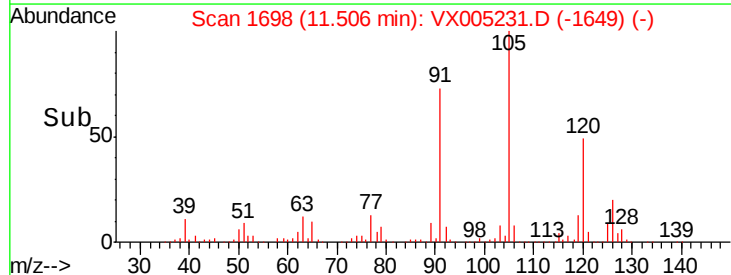
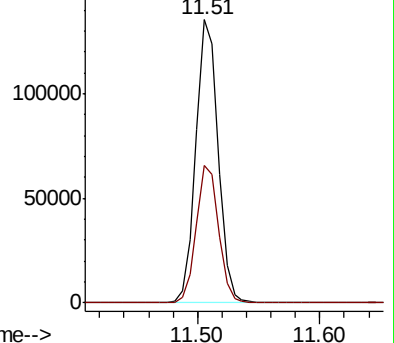
105 100

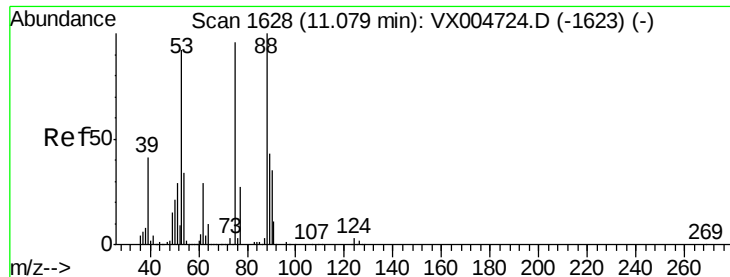
120 48.5 24.3 72.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 13.247 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS04

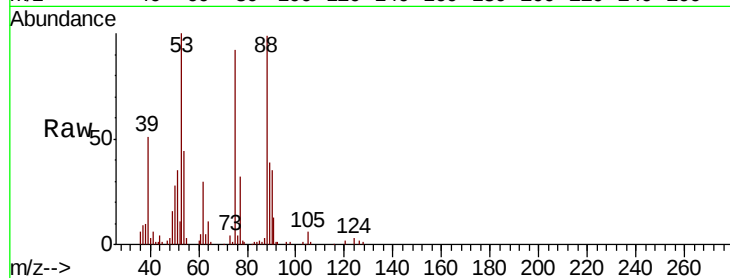
Tot Ion: 75 Resp: 16355

Ion Ratio Lower Upper

75 100

53 105.7 80.2 120.4

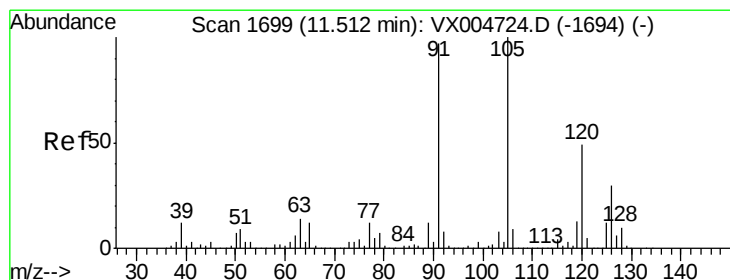
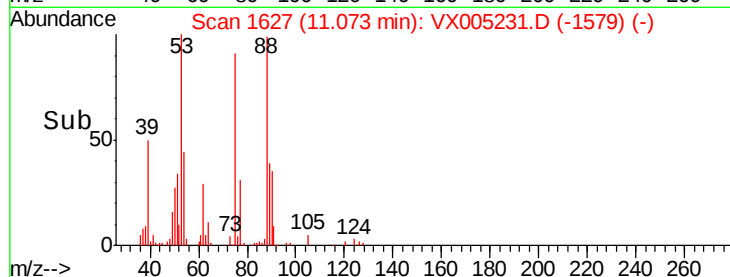
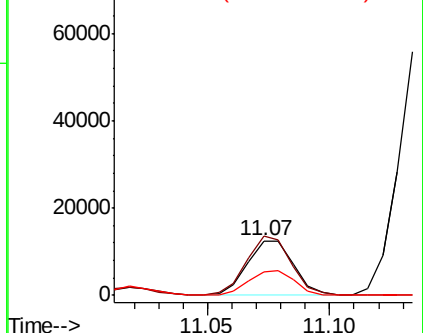
89 46.2 37.1 55.7



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: 18.182 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. 0.00 min

Lab File: VX005231.D

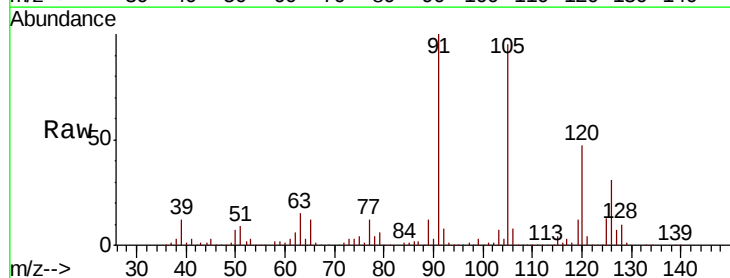
Acq: 11 Oct 2018 04:04

Tgt Ion: 91 Resp: 163743

Ion Ratio Lower Upper

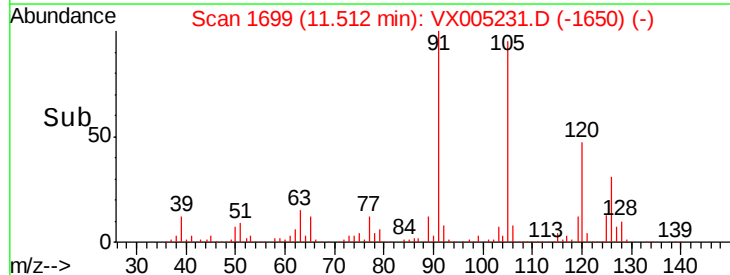
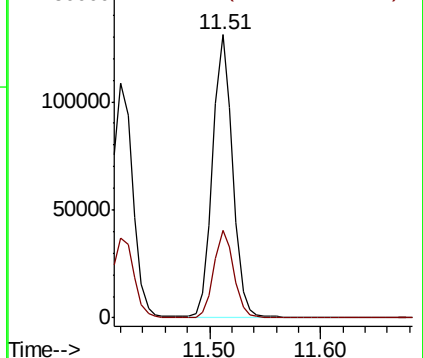
91 100

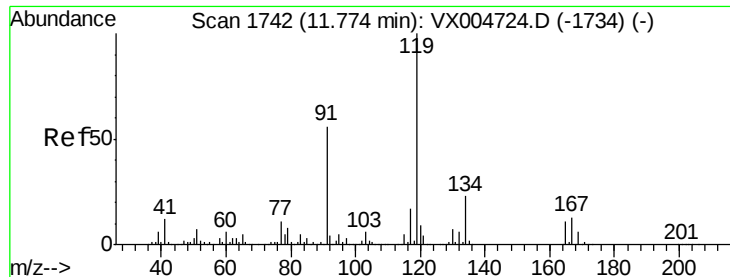
126 31.1 15.5 46.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

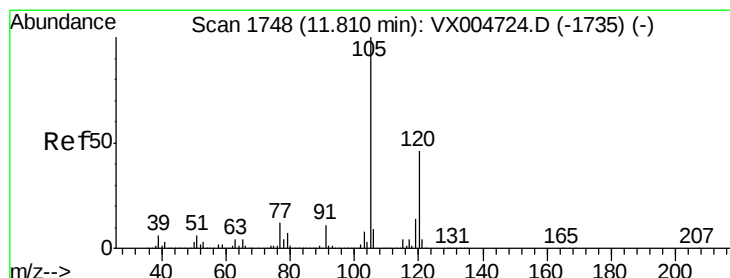
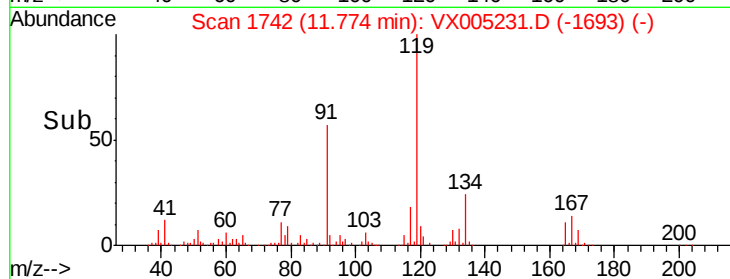
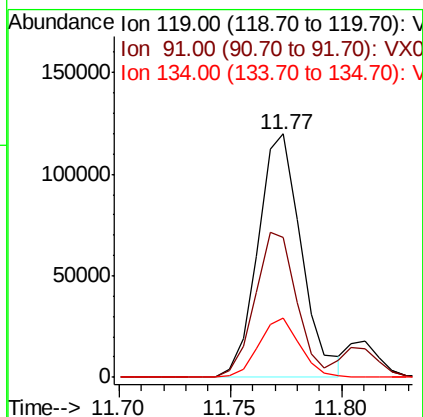
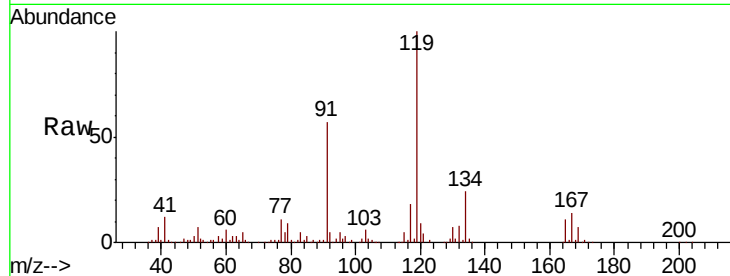




#83
 tert-Butylbenzene
 Concen: 18.543 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. 0.00 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

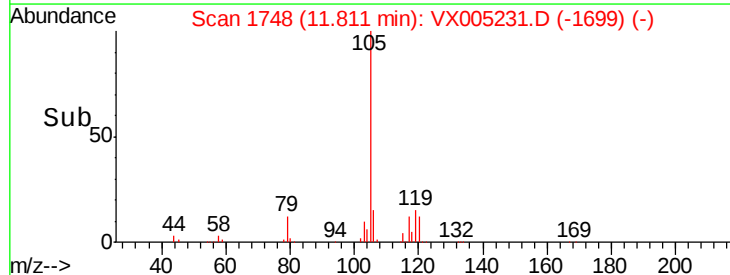
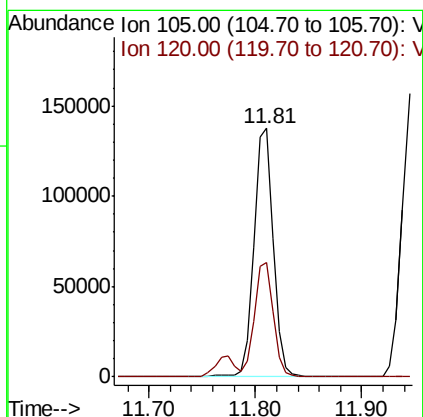
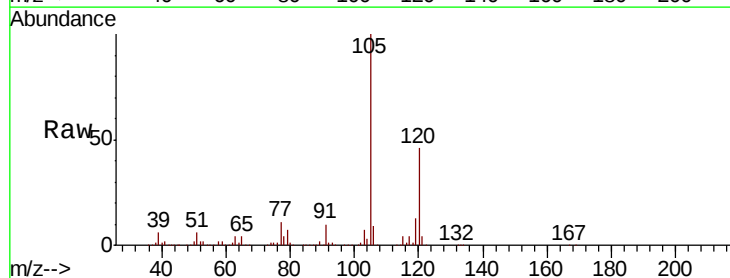
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS04

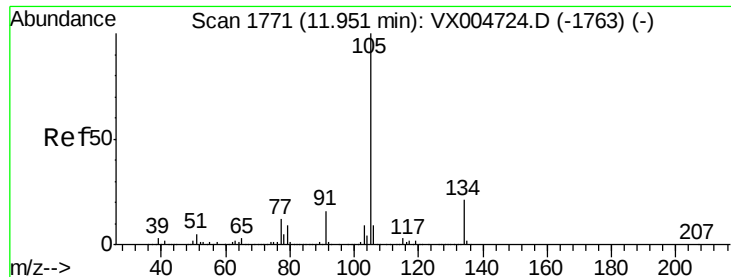
Tot Ion:119 Resp: 163326
 Ion Ratio Lower Upper
 119 100
 91 57.0 27.5 82.5
 134 23.2 11.5 34.4



#84
 1,2,4-Trimethylbenzene
 Concen: 17.238 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

Tgt Ion:105 Resp: 175622
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.8 68.3





#85

sec-Butylbenzene

Concen: 18.546 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

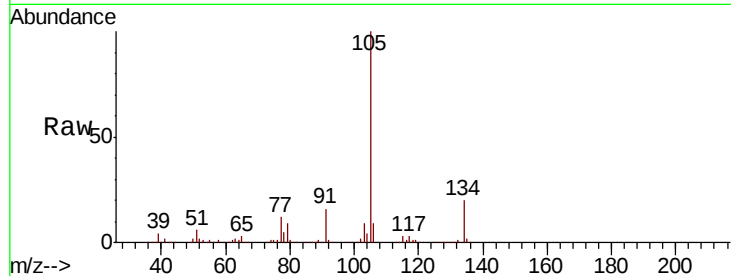
VX1010WBS04

Tot Ion:105 Resp: 198969

Ion Ratio Lower Upper

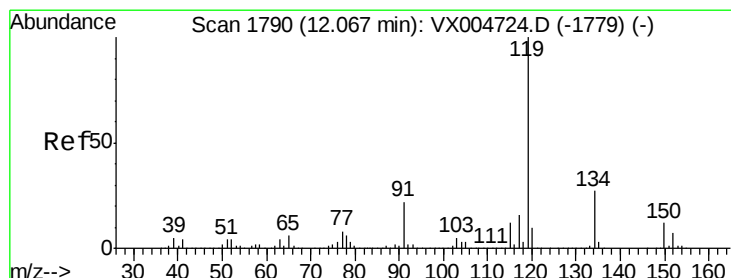
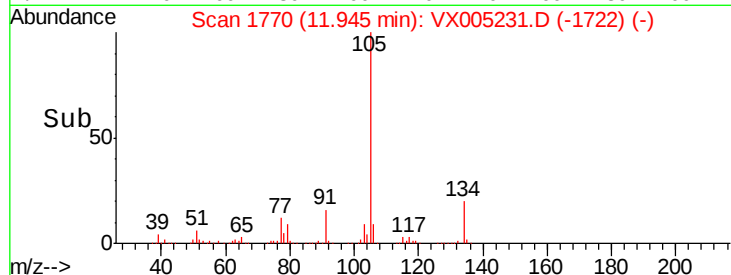
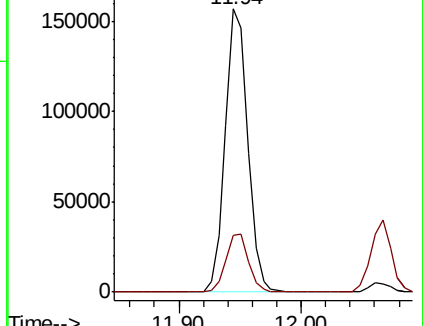
105 100

134 20.6 10.2 30.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 18.156 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

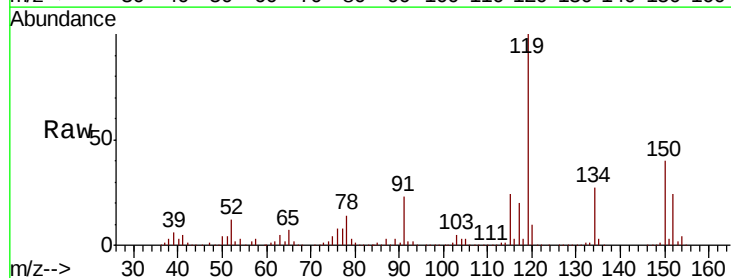
Tgt Ion:119 Resp: 176479

Ion Ratio Lower Upper

119 100

134 26.2 13.4 40.1

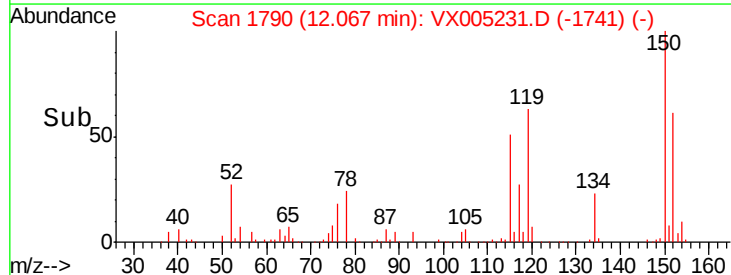
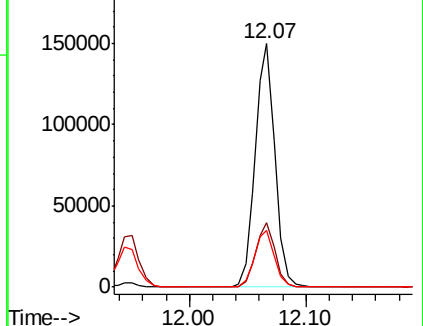
91 23.4 11.5 34.4

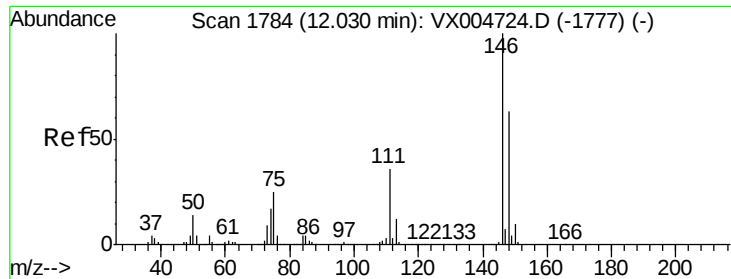


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 17.547 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS04

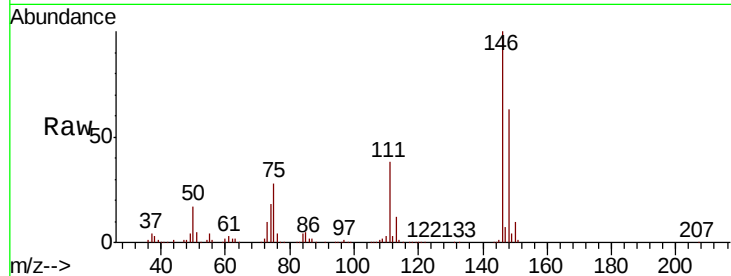
Tot Ion:146 Resp: 101814

Ion Ratio Lower Upper

146 100

111 37.3 18.9 56.9

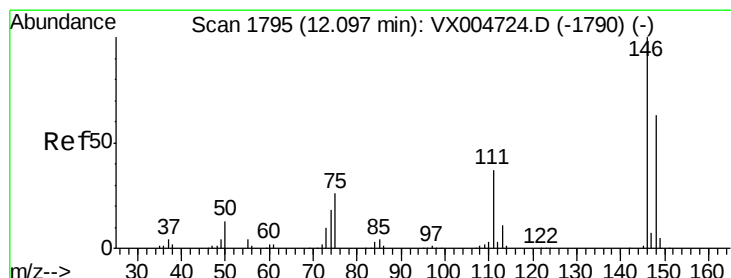
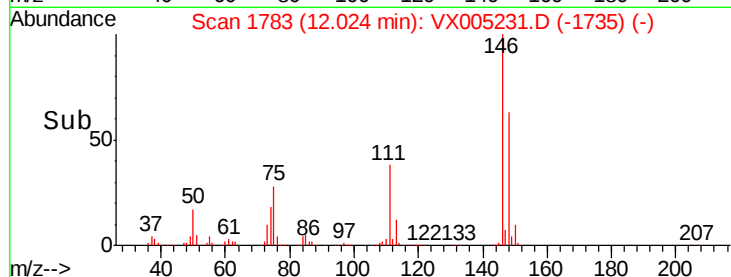
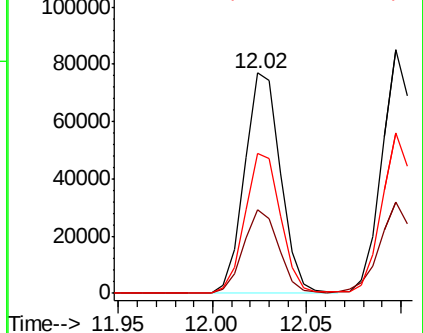
148 63.2 31.8 95.3



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#88

1,4-Dichlorobenzene

Concen: 17.106 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

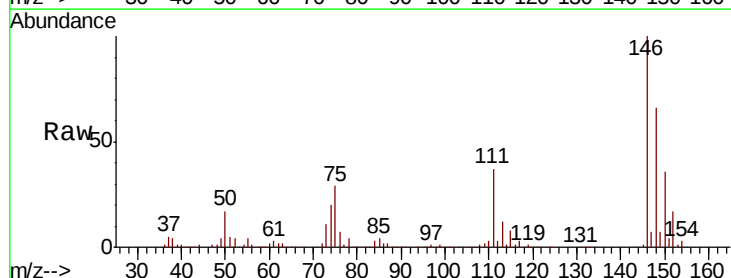
Tgt Ion:146 Resp: 102462

Ion Ratio Lower Upper

146 100

111 38.6 18.4 55.2

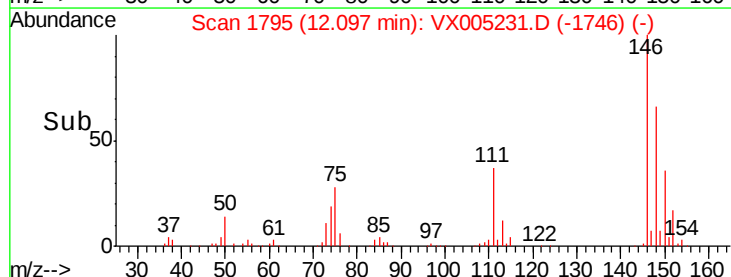
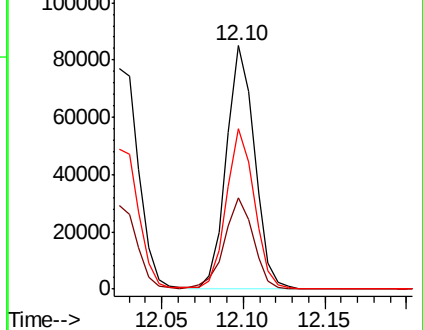
148 65.7 32.0 96.0

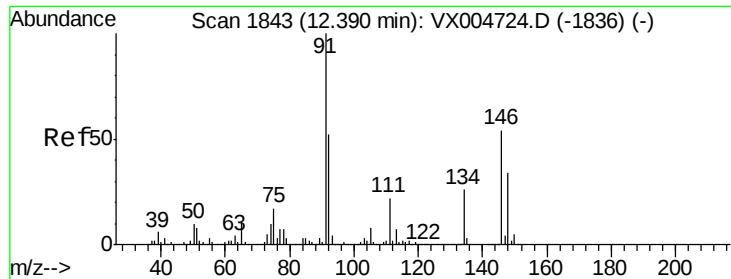


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

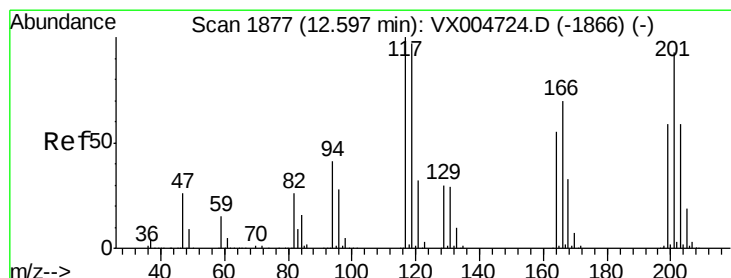
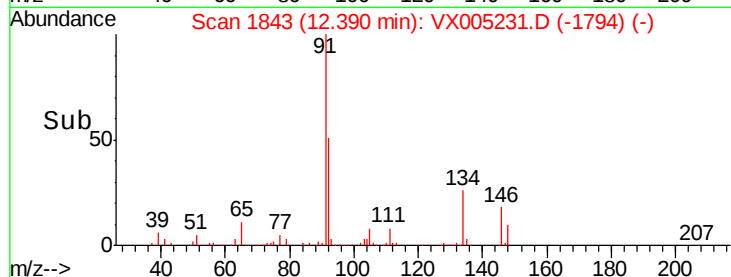
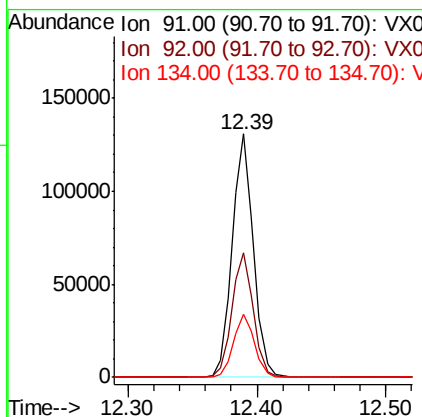
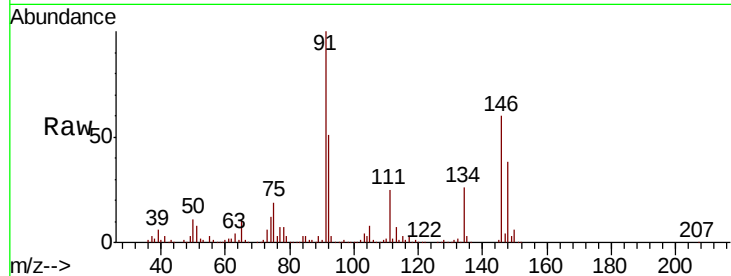




#89
n-Butylbenzene
Concen: 17.068 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

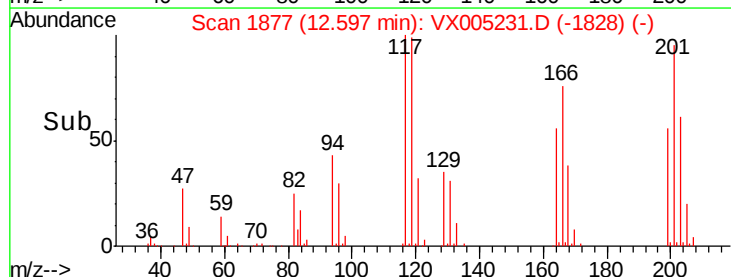
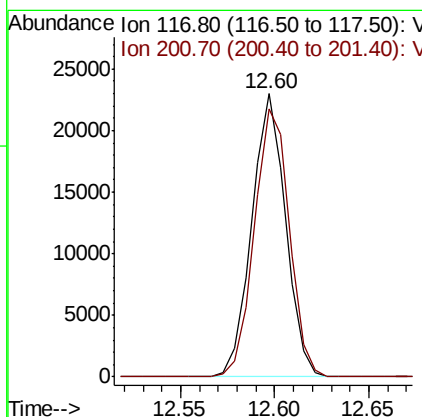
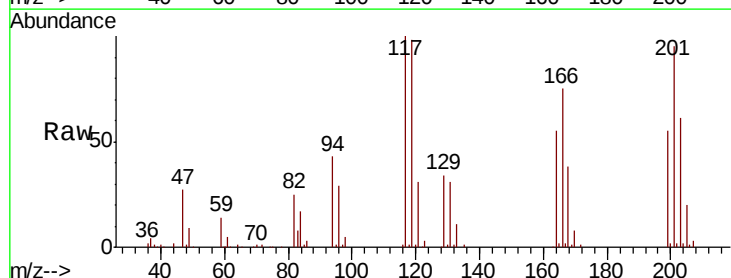
Instrument :
MSVOA_X
ClientSampled :
VX1010WBS04

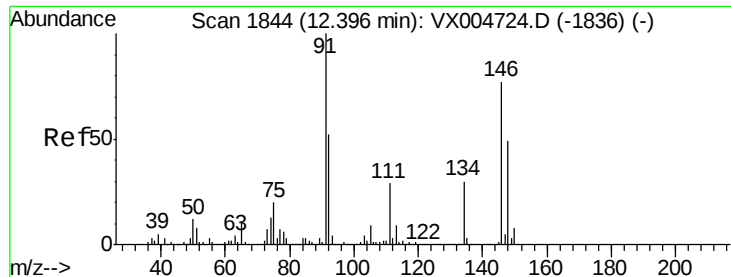
Tot Ion: 91 Resp: 150671
Ion Ratio Lower Upper
91 100
92 51.4 26.0 78.0
134 25.7 13.2 39.6



#90
Hexachloroethane
Concen: 17.667 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. 0.00 min
Lab File: VX005231.D
Acq: 11 Oct 2018 04:04

Tgt Ion: 117 Resp: 28591
Ion Ratio Lower Upper
117 100
201 97.9 48.4 145.0





#91

1,2-Dichlorobenzene

Concen: 16.818 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.01 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS04

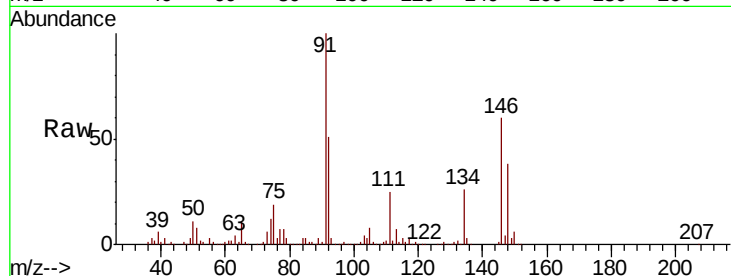
Tot Ion:146 Resp: 101980

Ion Ratio Lower Upper

146 100

111 39.2 19.6 58.7

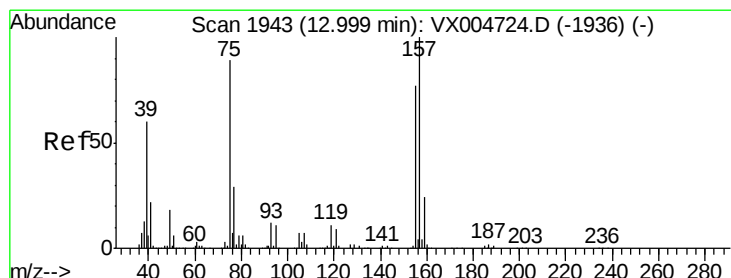
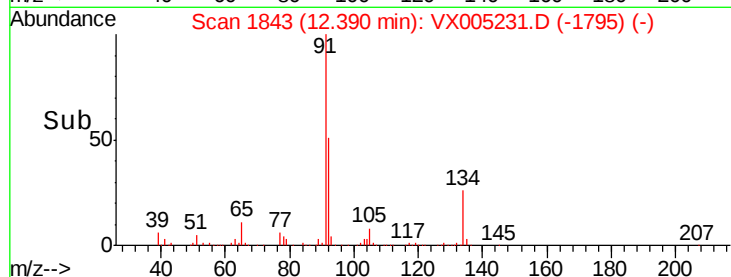
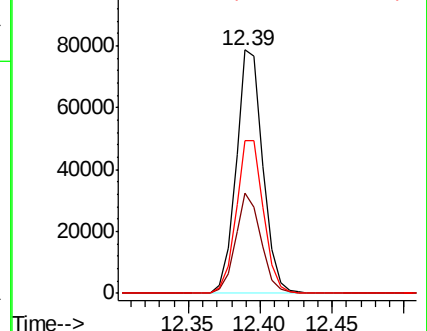
148 64.3 31.8 95.4



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: 18.156 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

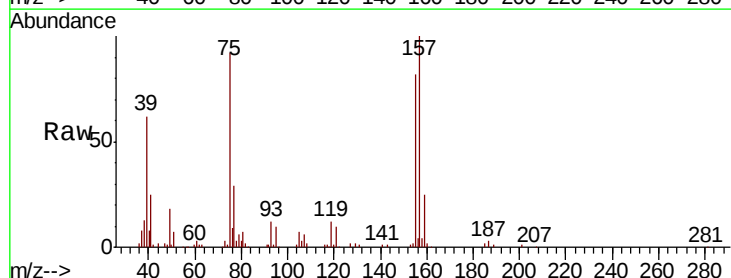
Tgt Ion: 75 Resp: 17360

Ion Ratio Lower Upper

75 100

155 91.4 46.1 138.3

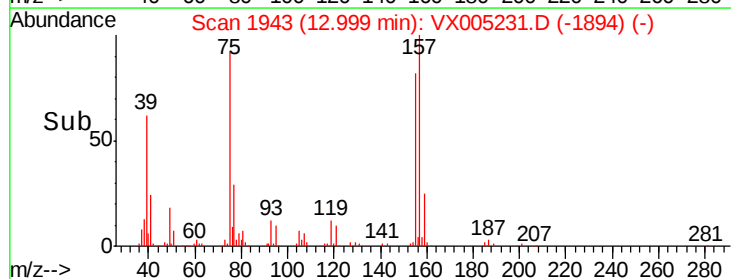
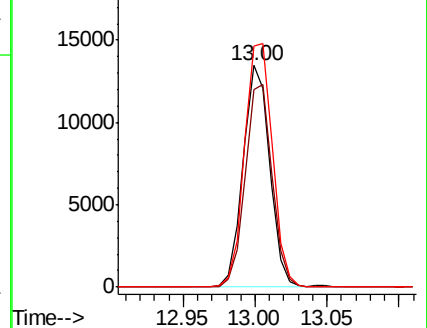
157 114.3 60.2 180.6

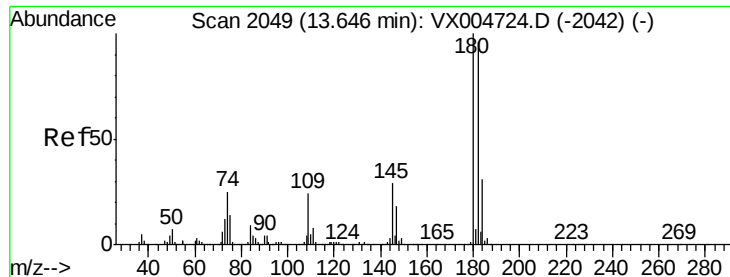


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

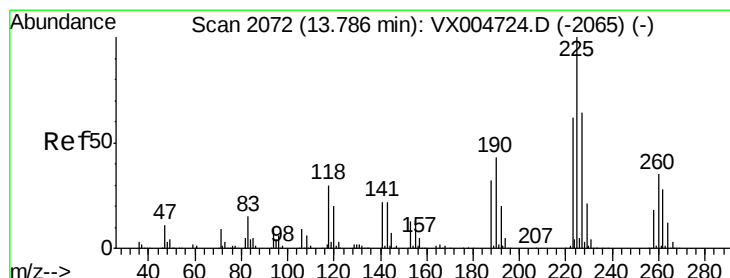
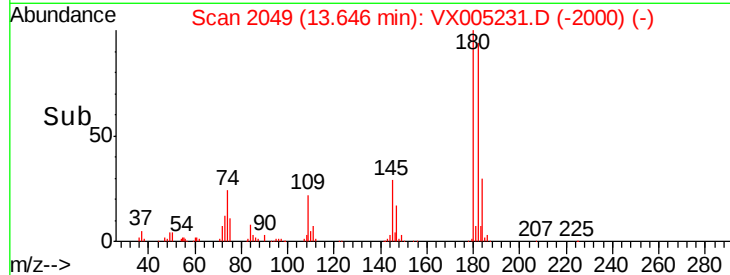
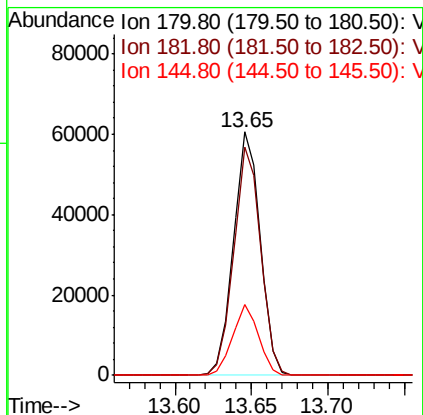
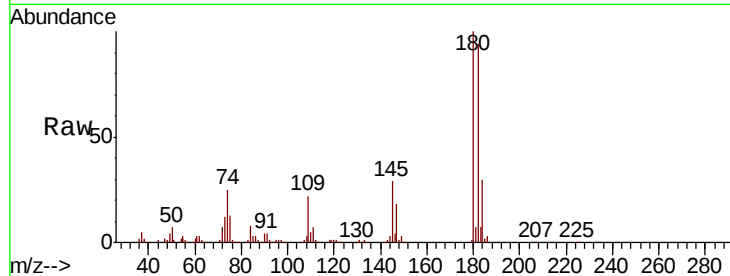




#93
 1,2,4-Trichlorobenzene
 Concen: 17.214 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. 0.00 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

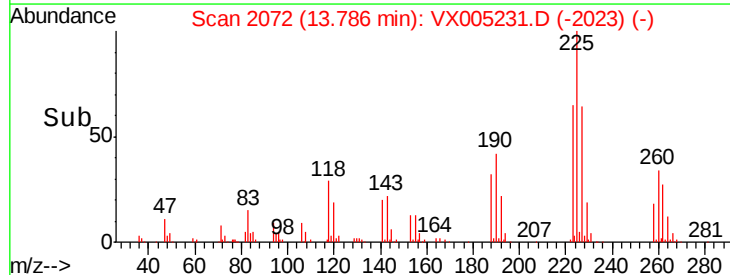
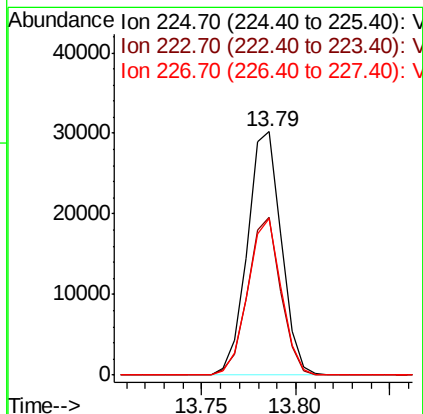
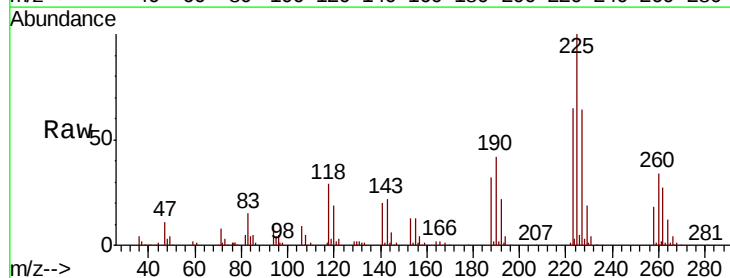
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1010WBS04

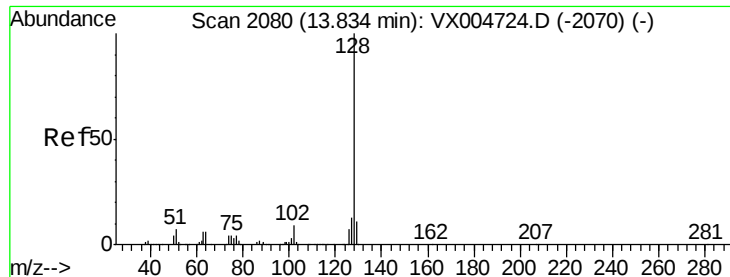
Tot Ion	Ratio	Lower	Upper
180	100		
182	93.9	47.8	143.4
145	28.4	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 17.108 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. 0.00 min
 Lab File: VX005231.D
 Acq: 11 Oct 2018 04:04

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.0	31.3	93.8
227	63.3	31.9	95.5





#95

Naphthalene

Concen: 16.200 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

Instrument :

MSVOA_X

ClientSampleId :

VX1010WBS04

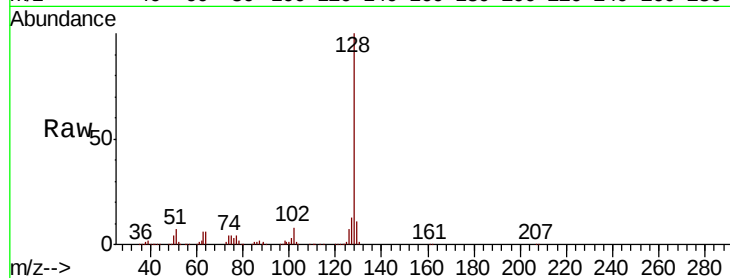
Tot Ion:128 Resp: 221743

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

129 11.0 8.7 13.1

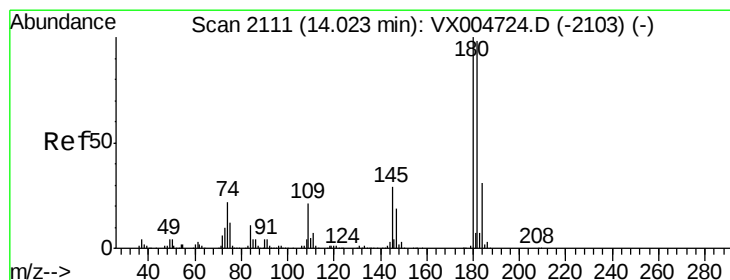
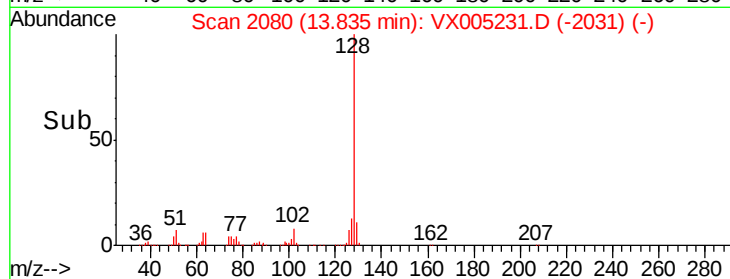
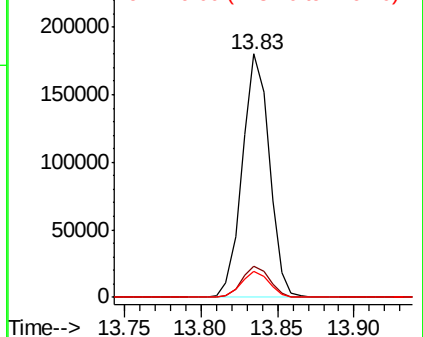


Abundance

Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 17.316 ug/l

RT: 14.02 min Scan# 2111

Delta R.T. 0.00 min

Lab File: VX005231.D

Acq: 11 Oct 2018 04:04

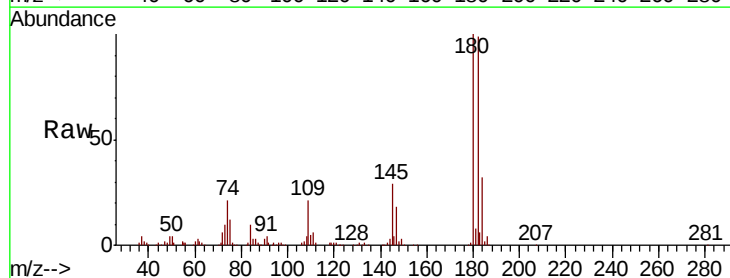
Tgt Ion:180 Resp: 76087

Ion Ratio Lower Upper

180 100

182 97.3 47.9 143.8

145 29.7 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

