

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
 Data File : VX004887.D
 Acq On : 01 Oct 2018 23:30
 Operator : JC/MD
 Sample : VX1001WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBS02

Quant Time: Oct 02 03:36:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092618W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 26 14:17:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	220061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	324678	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	310280	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187085	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	161923	51.51	ug/l	0.00
Spiked Amount			Recovery	=	103.02%	
35) Dibromofluoromethane	5.50	113	131982	47.96	ug/l	0.00
Spiked Amount			Recovery	=	95.92%	
50) Toluene-d8	8.72	98	495270	54.14	ug/l	0.00
Spiked Amount			Recovery	=	108.28%	
62) 4-Bromofluorobenzene	11.14	95	178700	54.22	ug/l	0.00
Spiked Amount			Recovery	=	108.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	66715	22.235	ug/l	97
3) Chloromethane	1.32	50	74470	20.457	ug/l	98
4) Vinyl Chloride	1.40	62	72358	21.193	ug/l	100
5) Bromomethane	1.64	94	45988	22.714	ug/l	99
6) Chloroethane	1.72	64	46576	23.813	ug/l	100
7) Trichlorofluoromethane	1.93	101	93153	22.039	ug/l	94
8) Diethyl Ether	2.19	74	36857	20.072	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51378	21.339	ug/l	98
10) Methyl Iodide	2.51	142	41514	12.885	ug/l	98
11) Tert butyl alcohol	3.07	59	93010	105.817	ug/l	100
12) 1,1-Dichloroethene	2.37	96	49605	20.804	ug/l	95
13) Acrolein	2.29	56	38676	61.843	ug/l	95
14) Allyl chloride	2.73	41	109246	20.998	ug/l	94
15) Acrylonitrile	3.15	53	205874	106.397	ug/l	98
16) Acetone	2.45	43	184611	100.590	ug/l	95
17) Carbon Disulfide	2.57	76	138649	19.351	ug/l	98
18) Methyl Acetate	2.78	43	108816	23.402	ug/l	94
19) Methyl tert-butyl Ether	3.20	73	181217	22.033	ug/l	96
20) Methylene Chloride	2.85	84	57942	21.231	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	52639	20.167	ug/l	96
22) Diisopropyl ether	3.87	45	184271	21.034	ug/l	92
23) Vinyl Acetate	3.82	43	804546	100.327	ug/l	95
24) 1,1-Dichloroethane	3.70	63	101564	19.435	ug/l	99
25) 2-Butanone	4.70	43	272980	100.907	ug/l	92
26) 2,2-Dichloropropane	4.59	77	58390	16.045	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	57398	19.684	ug/l	97
28) Bromochloromethane	5.02	49	49475	20.104	ug/l	90
29) Tetrahydrofuran	5.16	42	181528	107.962	ug/l	91
30) Chloroform	5.21	83	99225	20.090	ug/l	96
31) Cyclohexane	5.57	56	85026	21.258	ug/l	88
32) 1,1,1-Trichloroethane	5.49	97	82951	20.565	ug/l	99
36) 1,1-Dichloropropene	5.80	75	70164	18.689	ug/l	99
37) Ethyl Acetate	4.86	43	96471	19.358	ug/l	98
38) Carbon Tetrachloride	5.78	117	72573	18.389	ug/l	97

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76779	20.028	ug/l	94
40) Benzene	6.14	78	220805	18.786	ug/l	99
41) Methacrylonitrile	5.06	41	53840	19.481	ug/l	96
42) 1,2-Dichloroethane	6.20	62	79889	19.227	ug/l	97
43) Isopropyl Acetate	6.46	43	139529	19.398	ug/l	95
44) Trichloroethene	7.21	130	58445	20.227	ug/l	95
45) 1,2-Dichloropropane	7.52	63	60421	20.962	ug/l	100
46) Dibromomethane	7.66	93	39184	21.631	ug/l	97
47) Bromodichloromethane	7.90	83	72326	21.326	ug/l	98
48) Methyl methacrylate	7.77	41	72011	22.057	ug/l	94
49) 1,4-Dioxane	7.76	88	34769	428.668	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	509020	112.391	ug/l	93
52) Toluene	8.79	92	136969	21.208	ug/l	96
53) t-1,3-Dichloropropene	9.04	75	75705	19.753	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	84371	21.018	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	58375	20.634	ug/l	94
56) Ethyl methacrylate	9.18	69	83245	19.957	ug/l	93
57) 1,3-Dichloropropane	9.37	76	96262	20.445	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	248154	110.246	ug/l	93
59) 2-Hexanone	9.50	43	398245	105.521	ug/l	92
60) Dibromochloromethane	9.59	129	57747	20.411	ug/l	100
61) 1,2-Dibromoethane	9.67	107	60002	19.804	ug/l	98
64) Tetrachloroethene	9.34	164	58544	19.171	ug/l	95
65) Chlorobenzene	10.14	112	152398	19.154	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	54631	19.531	ug/l	99
67) Ethyl Benzene	10.26	91	249227	19.730	ug/l	99
68) m/p-Xylenes	10.36	106	196804	39.870	ug/l	94
69) o-Xylene	10.70	106	93837	20.697	ug/l	95
70) Styrene	10.71	104	159232	20.115	ug/l	97
71) Bromoform	10.86	173	44811	18.712	ug/l	97
73) Isopropylbenzene	11.02	105	253987	21.539	ug/l	99
74) N-amyl acetate	10.90	43	118326	19.366	ug/l	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	94431	19.672	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	103344	24.645	ug/l	89
77) Bromobenzene	11.26	156	70344	20.538	ug/l	97
78) n-propylbenzene	11.36	91	290007	21.434	ug/l	99
79) 2-Chlorotoluene	11.42	91	178893	21.212	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	215923	19.859	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	22811	16.235	ug/l	95
82) 4-Chlorotoluene	11.51	91	208772	21.031	ug/l	100
83) tert-Butylbenzene	11.77	119	207757	21.399	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	222421	19.836	ug/l	97
85) sec-Butylbenzene	11.94	105	251676	21.282	ug/l	98
86) p-Isopropyltoluene	12.07	119	224437	20.948	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	127353	19.912	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	129784	19.657	ug/l	98
89) n-Butylbenzene	12.39	91	192855	19.820	ug/l	97
90) Hexachloroethane	12.60	117	34979	19.608	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	128100	19.166	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	21327	20.235	ug/l	93

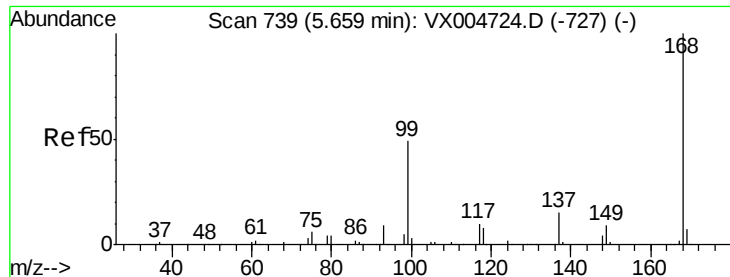
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100118\
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Quant Time: Oct 02 03:36:11 2018
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Quant Title : SW846 8260
QLast Update : Wed Sep 26 14:17:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	90566	19.316	ug/l	99
94) Hexachlorobutadiene	13.79	225	45326	18.643	ug/l	98
95) Naphthalene	13.83	128	285735	18.817	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	95543	19.727	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: VX004887.D

Acq: 01 Oct 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

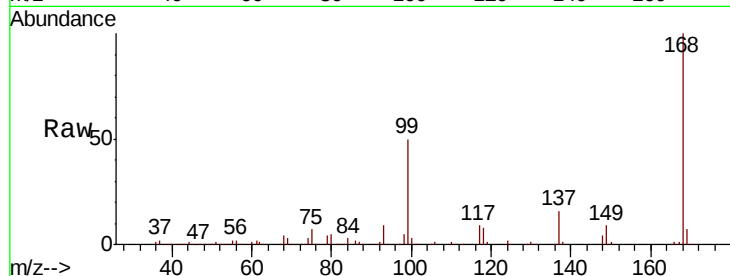
VX1001WBS02

Tot Ion:168 Resp: 220061

Ion Ratio Lower Upper

168 100

99 50.2 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

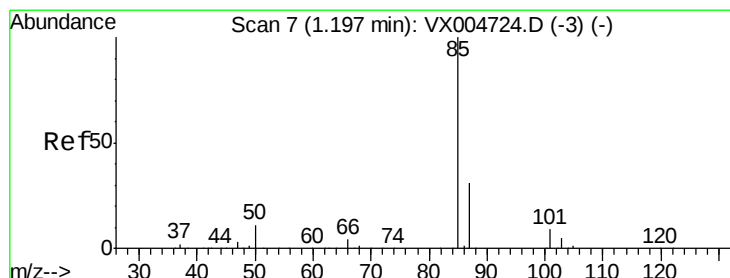
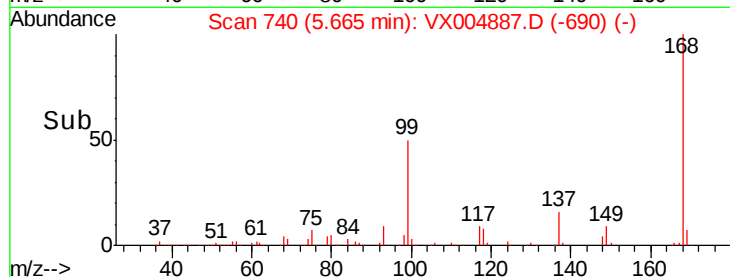
40000

20000

0

5.60 5.80 6.00

Time-->



#2

Dichlorodifluoromethane

Concen: 22.235 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004887.D

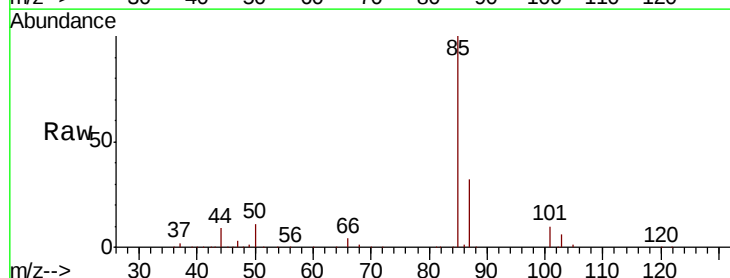
Acq: 01 Oct 2018 23:30

Tgt Ion: 85 Resp: 66715

Ion Ratio Lower Upper

85 100

87 32.2 17.0 50.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

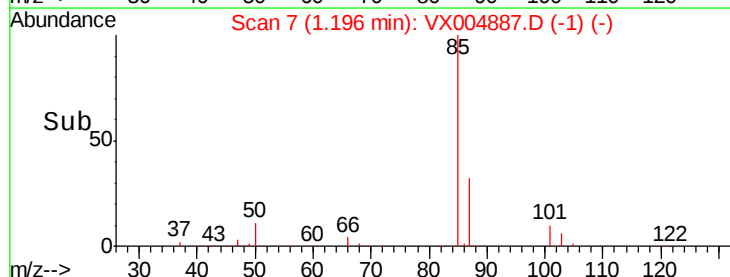
40000

20000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 20.457 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

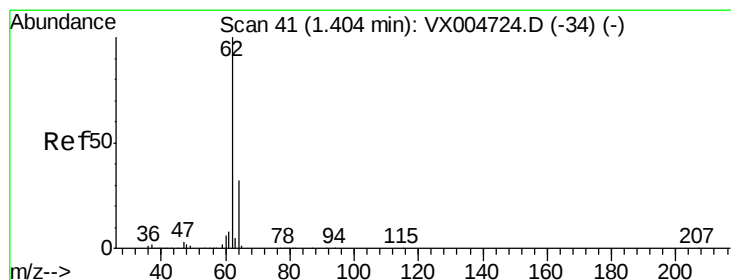
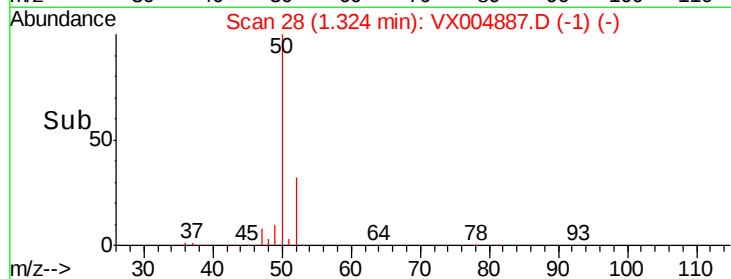
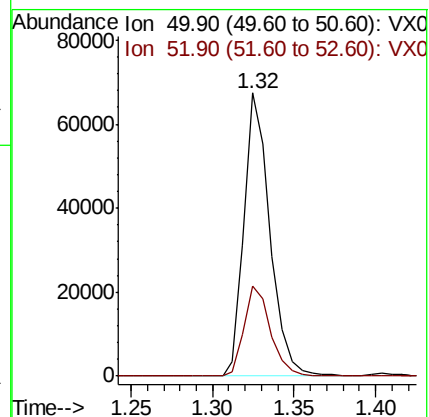
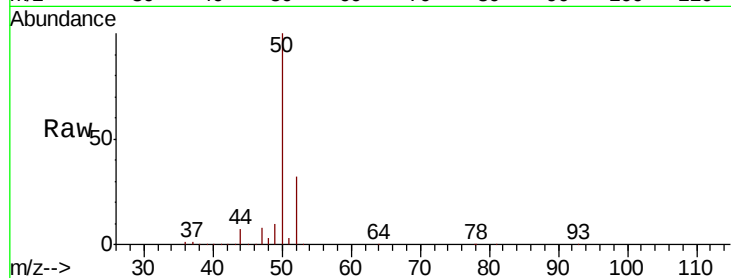
VX1001WBS02

Tot Ion: 50 Resp: 74470

Ion Ratio Lower Upper

50 100

52 31.7 26.2 39.2



#4

Vinyl Chloride

Concen: 21.193 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004887.D

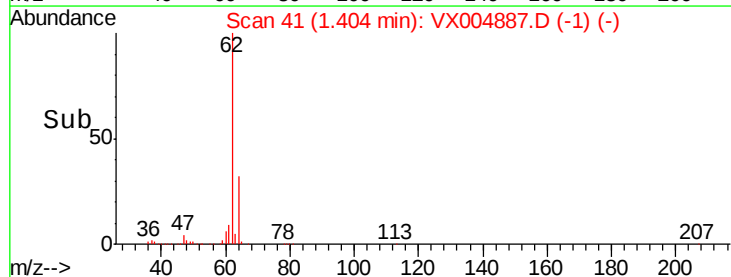
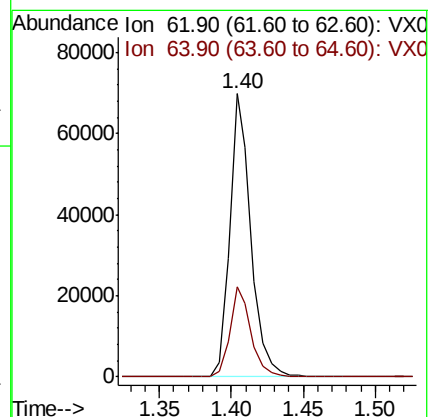
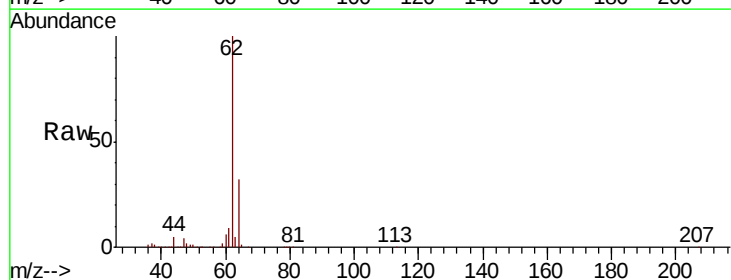
Acq: 01 Oct 2018 23:30

Tgt Ion: 62 Resp: 72358

Ion Ratio Lower Upper

62 100

64 32.1 25.8 38.8





#5

Bromomethane

Concen: 22.714 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

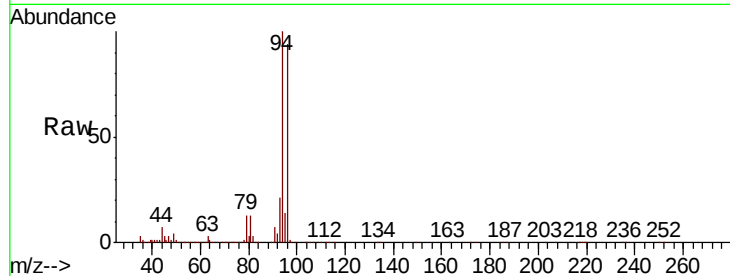
VX1001WBS02

Tot Ion: 94 Resp: 45988

Ion Ratio Lower Upper

94 100

96 93.9 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

50000

40000

30000

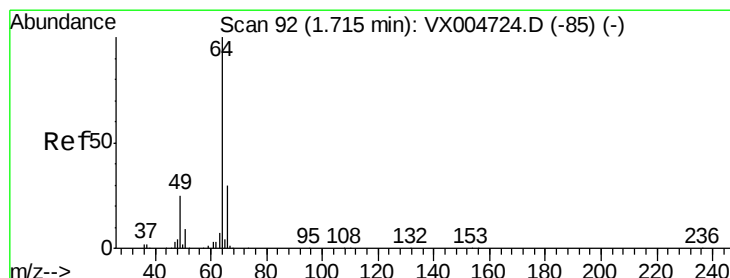
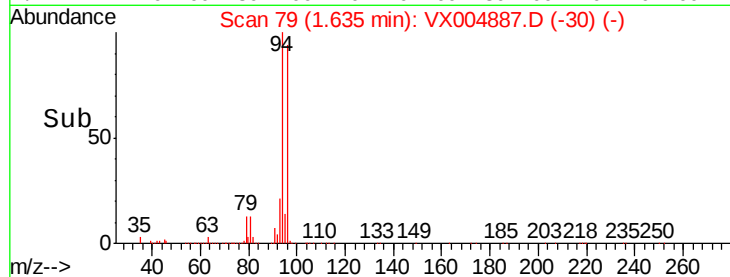
20000

10000

0

1.60 1.65 1.70 1.75

Time-->



#6

Chloroethane

Concen: 23.813 ug/l

RT: 1.72 min Scan# 93

Delta R.T. 0.01 min

Lab File: VX004887.D

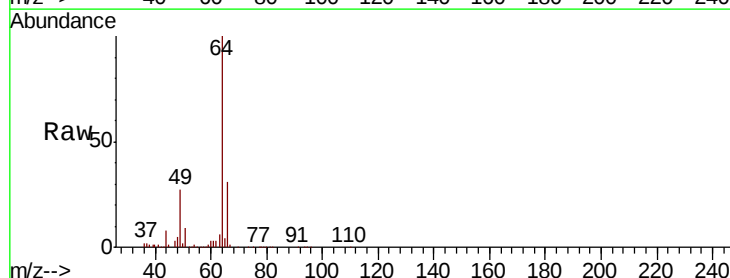
Acq: 01 Oct 2018 23:30

Tgt Ion: 64 Resp: 46576

Ion Ratio Lower Upper

64 100

66 30.6 24.6 36.8



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

30000

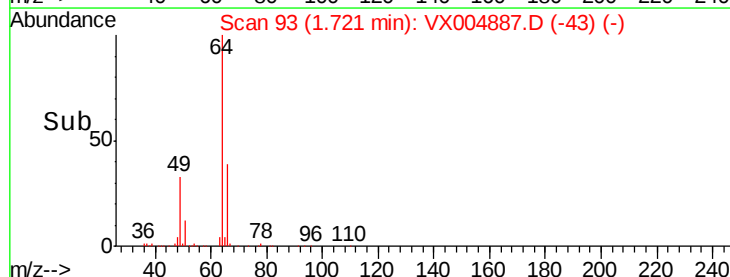
20000

10000

0

1.50 1.60 1.70 1.80

Time-->



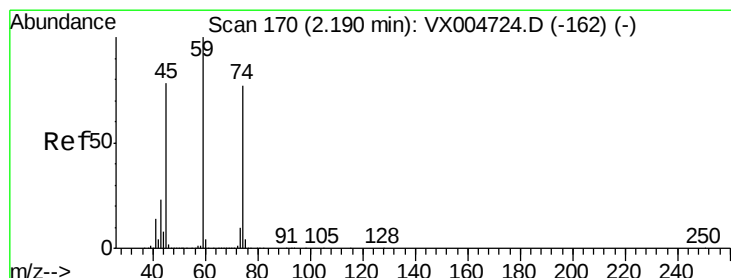
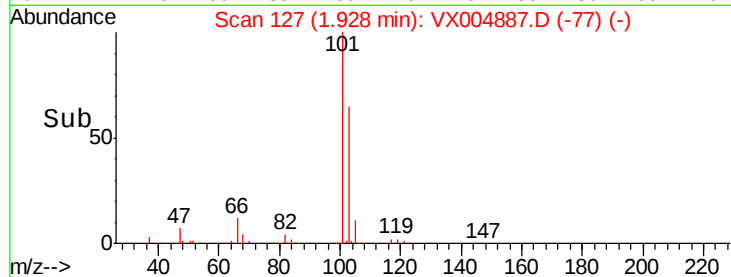
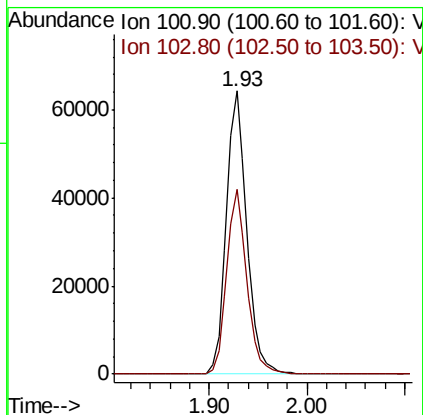
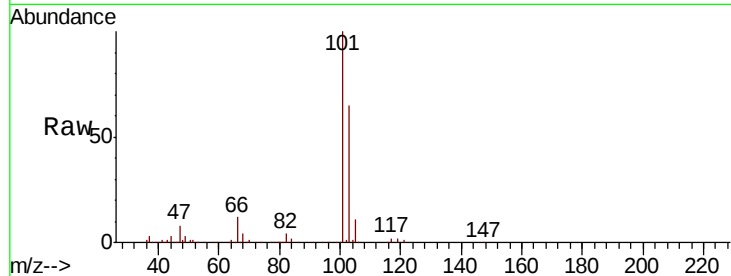


#7

Trichlorofluoromethane
 Concen: 22.039 ug/l
 RT: 1.93 min Scan# 127
 Delta R.T. 0.01 min
 Lab File: VX004887.D
 Acq: 01 Oct 2018 23:30

Instrument :
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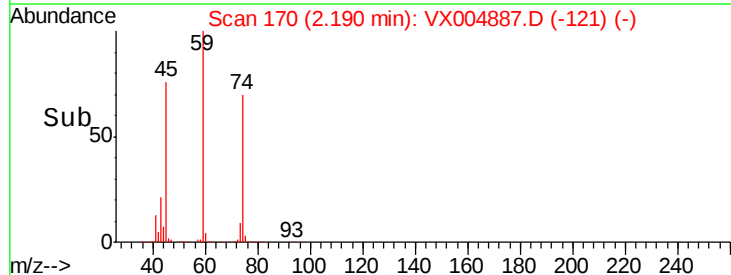
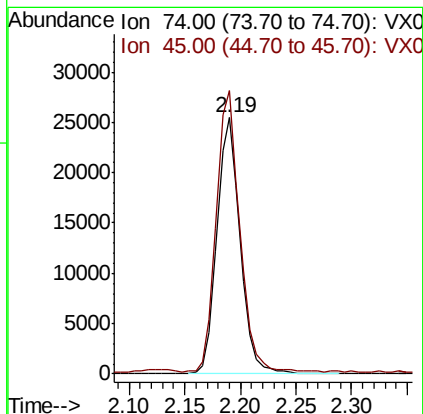
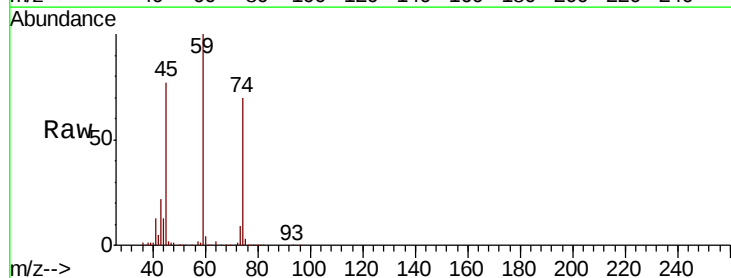
Tot Ion:101 Resp: 93153
 Ion Ratio Lower Upper
 101 100
 103 65.3 48.9 73.3

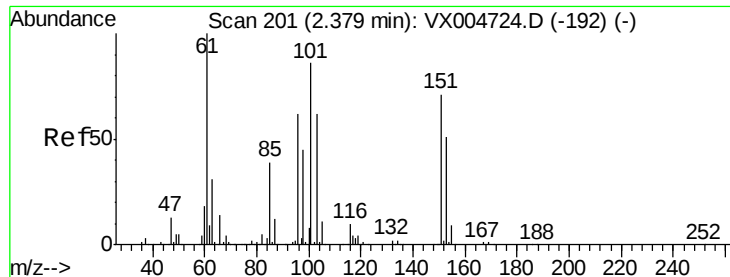


#8

Diethyl Ether
 Concen: 20.072 ug/l
 RT: 2.19 min Scan# 170
 Delta R.T. -0.00 min
 Lab File: VX004887.D
 Acq: 01 Oct 2018 23:30

Tgt Ion: 74 Resp: 36857
 Ion Ratio Lower Upper
 74 100
 45 109.6 48.3 144.8





#9

1,1,2-Trichlorotrifluoroethane

Concen: 21.339 ug/l

RT: 2.39 min Scan# 202

Delta R.T. 0.01 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS02

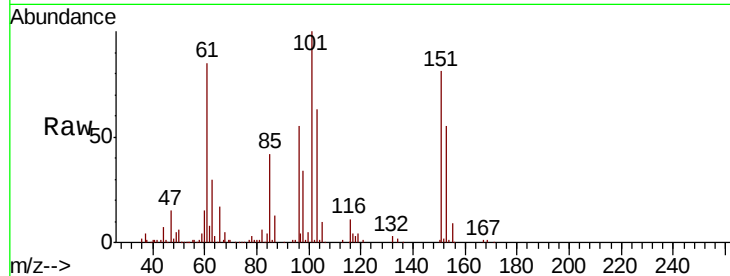
Tot Ion:101 Resp: 51378

Ion Ratio Lower Upper

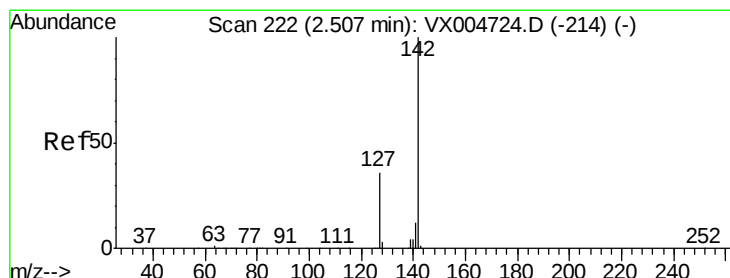
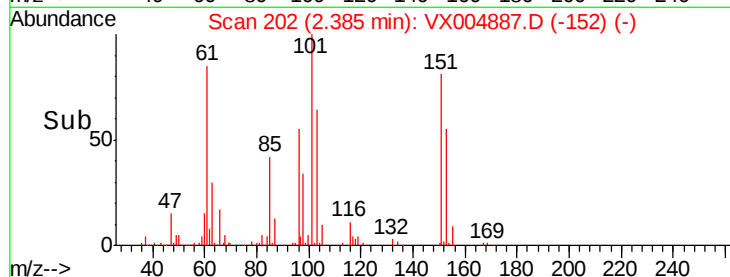
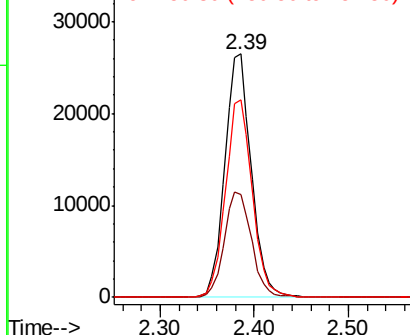
101 100

85 44.5 34.2 51.4

151 82.4 65.0 97.6



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: 12.885 ug/l

RT: 2.51 min Scan# 222

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

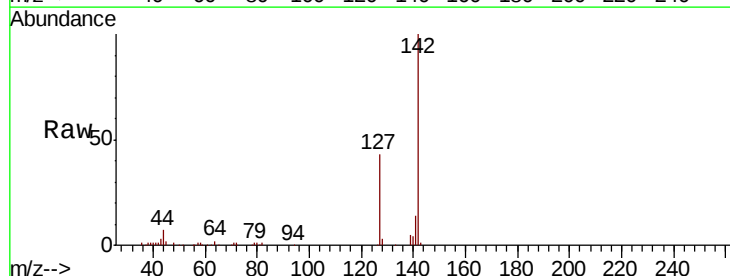
Tgt Ion:142 Resp: 41514

Ion Ratio Lower Upper

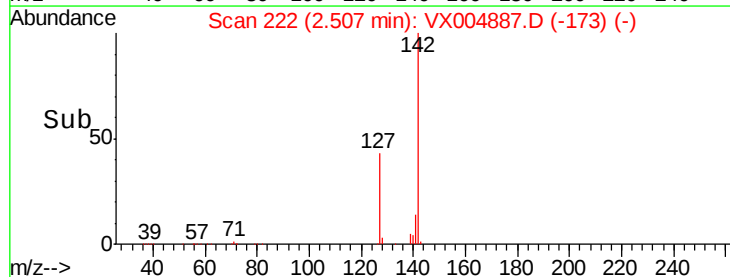
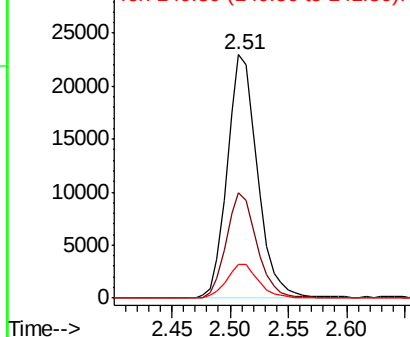
142 100

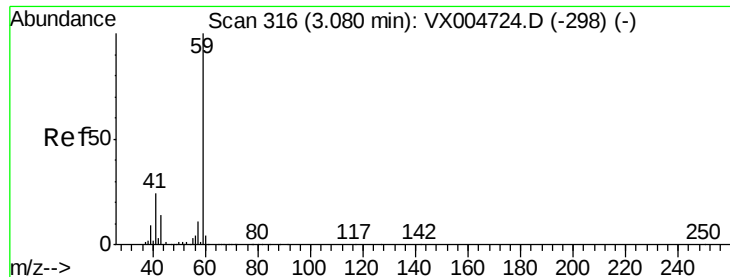
127 43.8 33.8 50.6

141 14.6 11.4 17.0



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



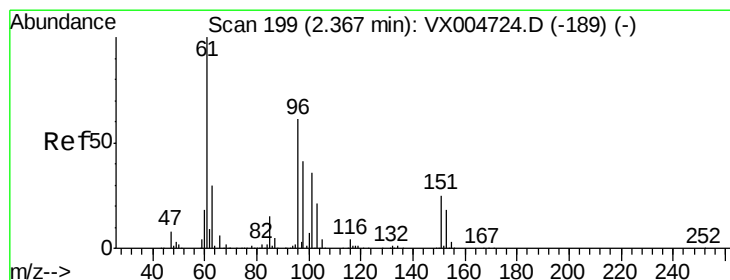
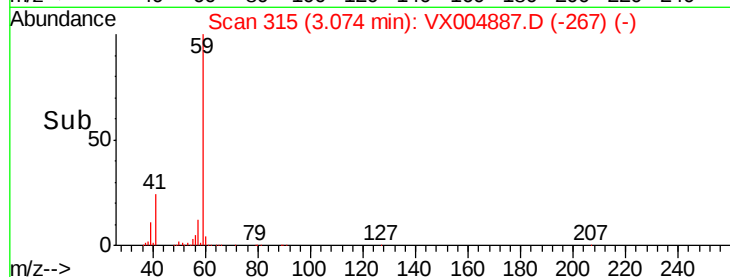
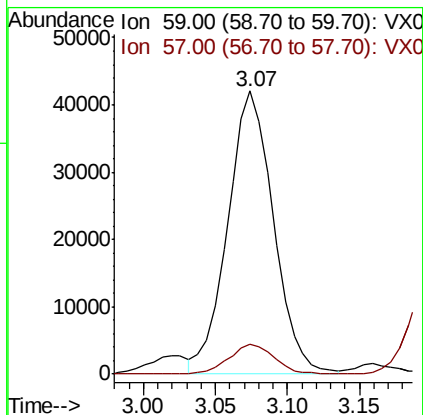
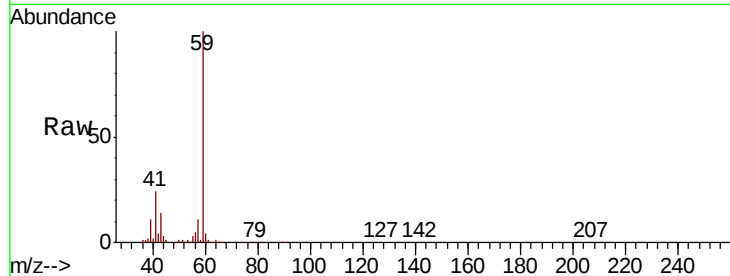


#11

Tert butyl alcohol
 Concen: 105.817 ug/l
 RT: 3.07 min Scan# 315
 Delta R.T. -0.01 min
 Lab File: VX004887.D
 Acq: 01 Oct 2018 23:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBS02

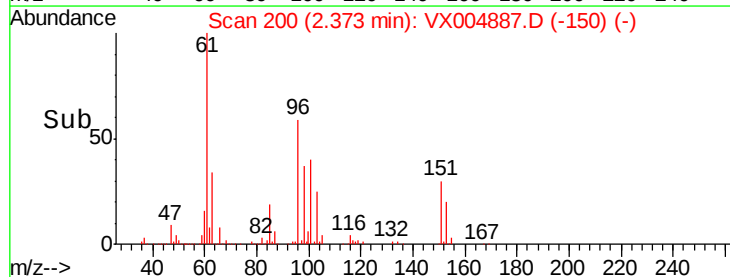
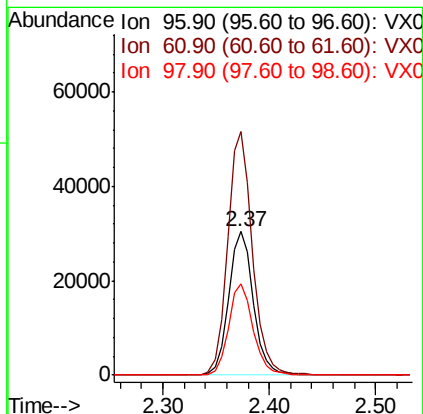
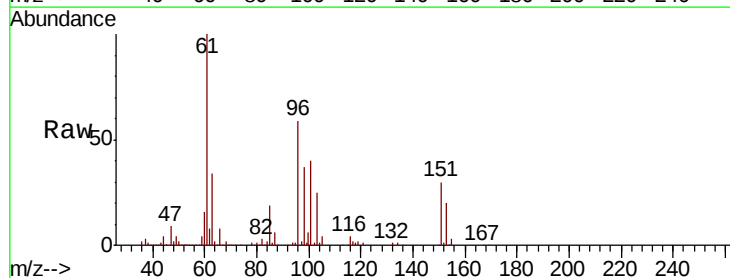
Tot Ion: 59 Resp: 93010
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4

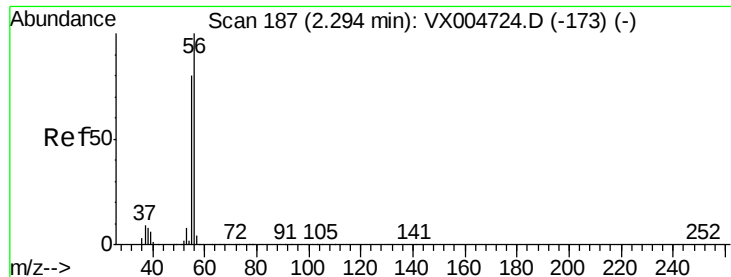


#12

1,1-Dichloroethene
 Concen: 20.804 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: VX004887.D
 Acq: 01 Oct 2018 23:30

Tgt Ion: 96 Resp: 49605
 Ion Ratio Lower Upper
 96 100
 61 169.5 128.8 193.2
 98 63.4 52.2 78.2





#13

Acrolein

Concen: 61.843 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

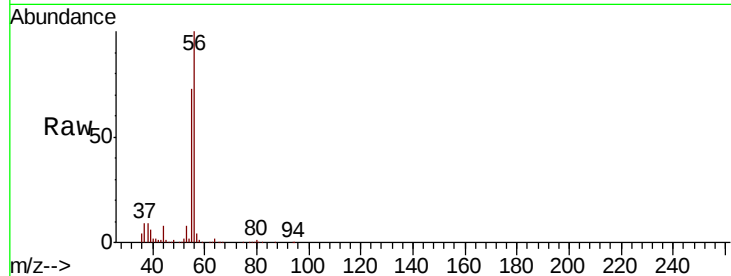
VX1001WBS02

Tot Ion: 56 Resp: 38676

Ion Ratio Lower Upper

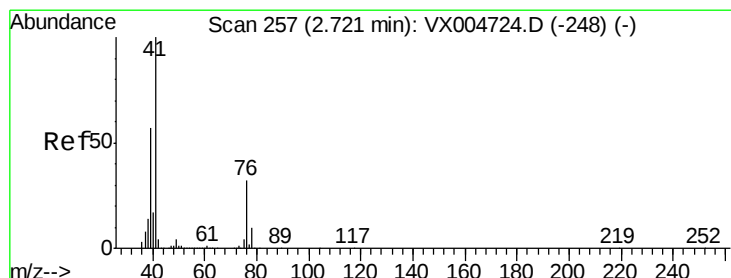
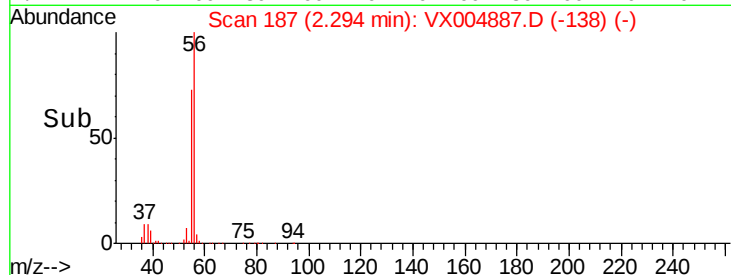
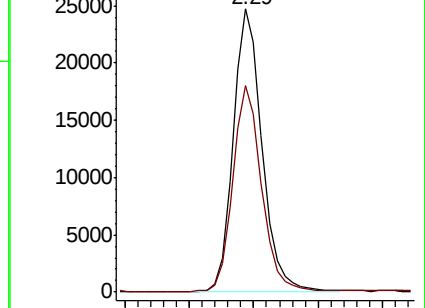
56 100

55 72.1 54.7 82.1



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 20.998 ug/l

RT: 2.73 min Scan# 258

Delta R.T. 0.01 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

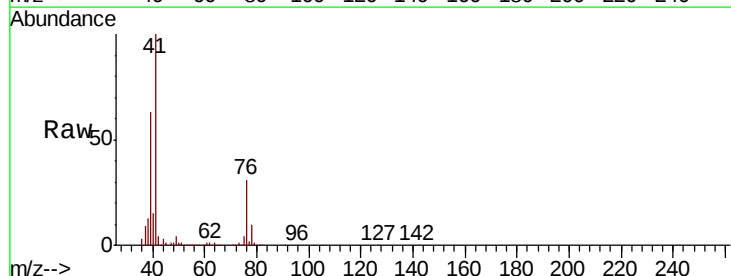
Tgt Ion: 41 Resp: 109246

Ion Ratio Lower Upper

41 100

39 58.0 48.9 73.3

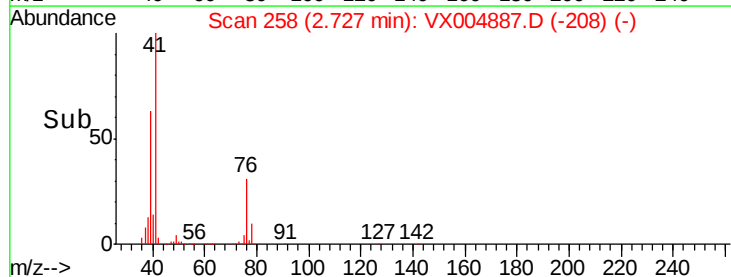
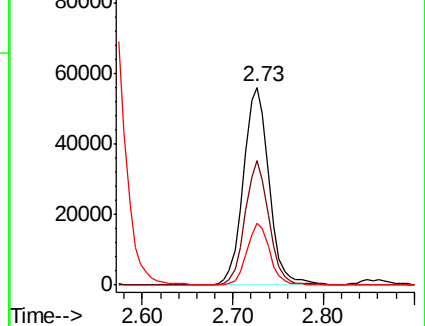
76 27.8 26.7 40.1

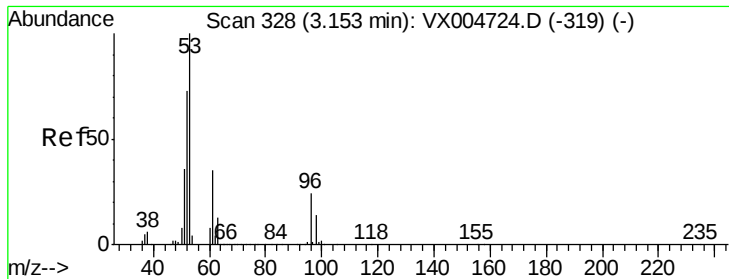


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 106.397 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.01 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS02

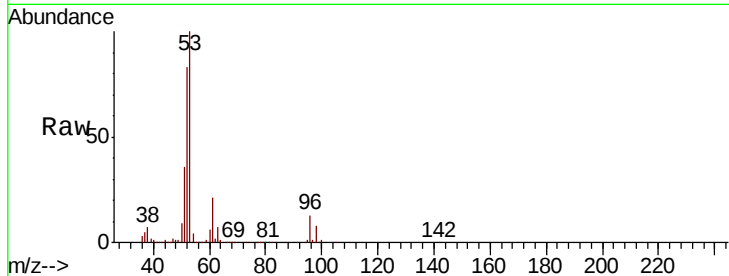
Tot Ion: 53 Resp: 205874

Ion Ratio Lower Upper

53 100

52 83.3 65.2 97.8

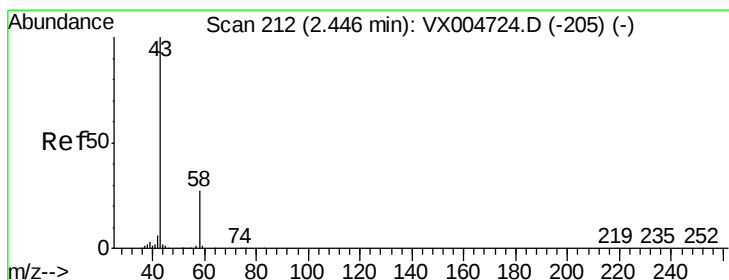
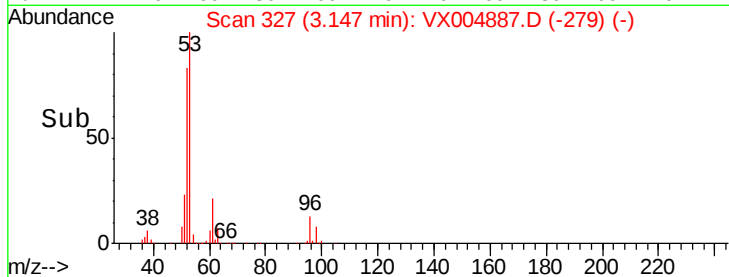
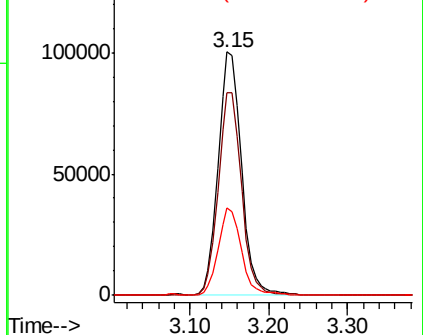
51 35.6 28.2 42.2



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: 100.590 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004887.D

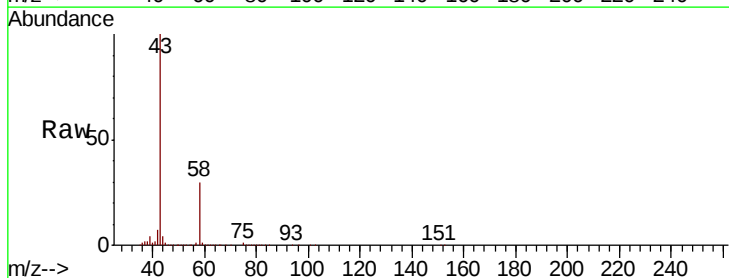
Acq: 01 Oct 2018 23:30

Tgt Ion: 43 Resp: 184611

Ion Ratio Lower Upper

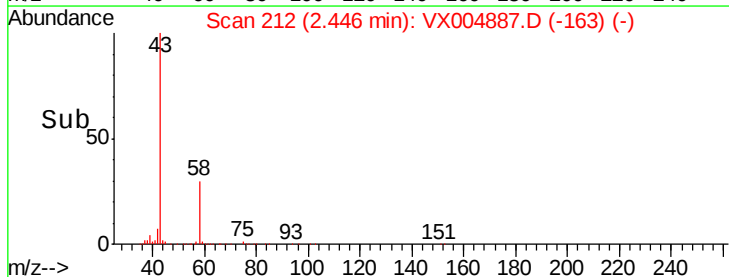
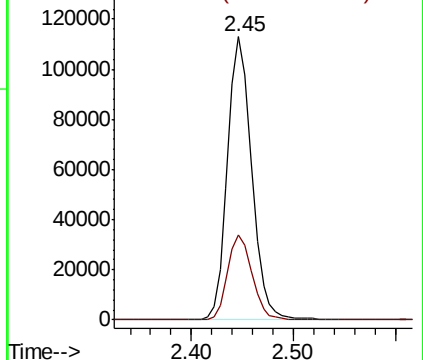
43 100

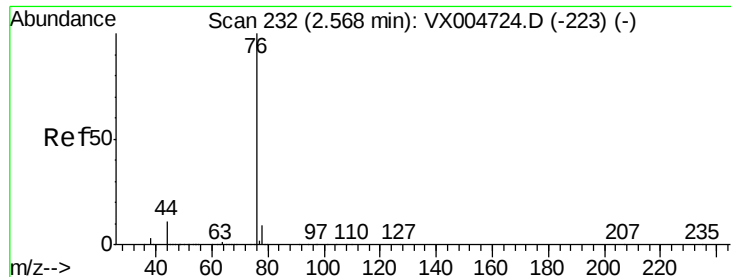
58 29.9 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

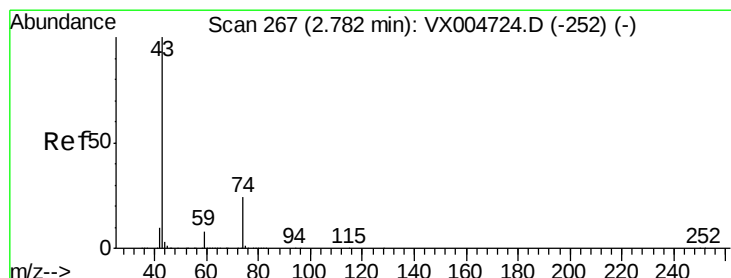
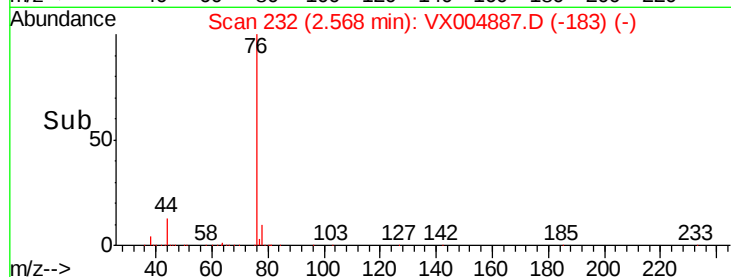
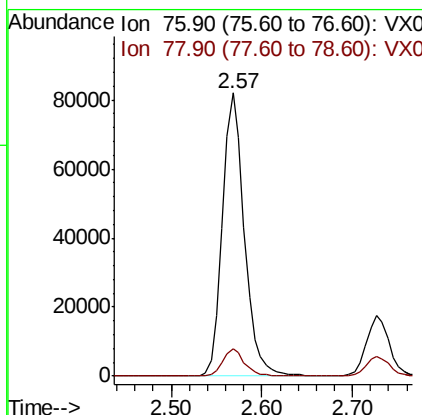
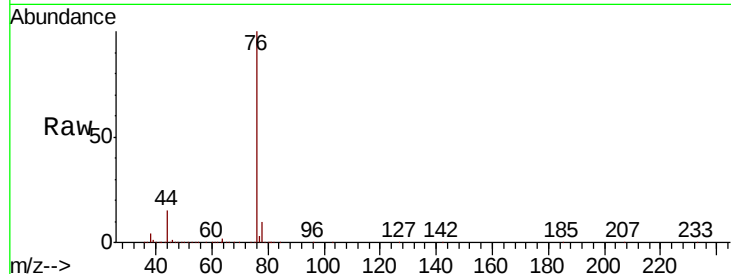




#17
Carbon Disulfide
Concen: 19.351 ug/l
RT: 2.57 min Scan# 232
Delta R.T. -0.00 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

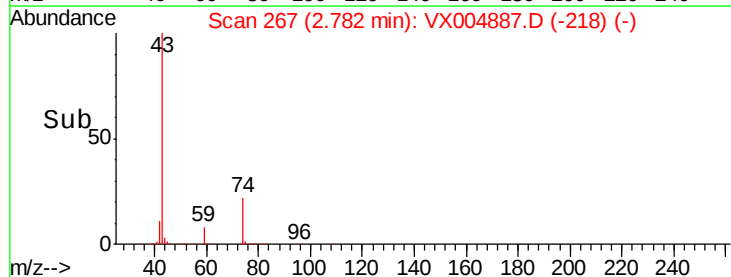
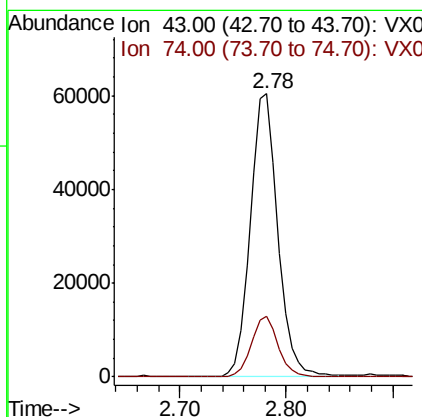
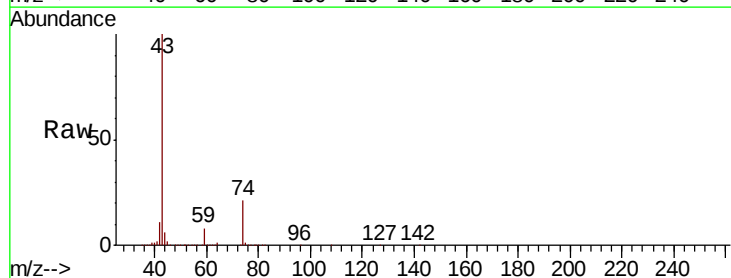
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS02

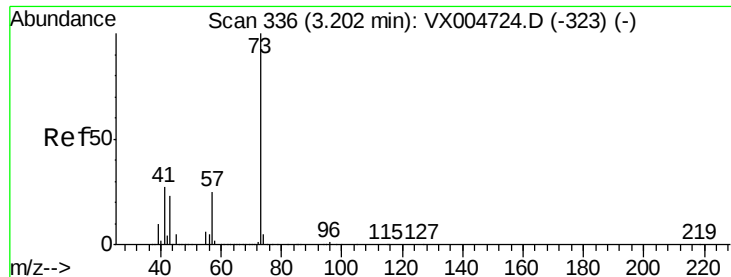
Tot Ion: 76 Resp: 138649
Ion Ratio Lower Upper
76 100
78 9.4 7.0 10.6



#18
Methyl Acetate
Concen: 23.402 ug/l
RT: 2.78 min Scan# 267
Delta R.T. -0.00 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

Tgt Ion: 43 Resp: 108816
Ion Ratio Lower Upper
43 100
74 21.4 19.4 29.2



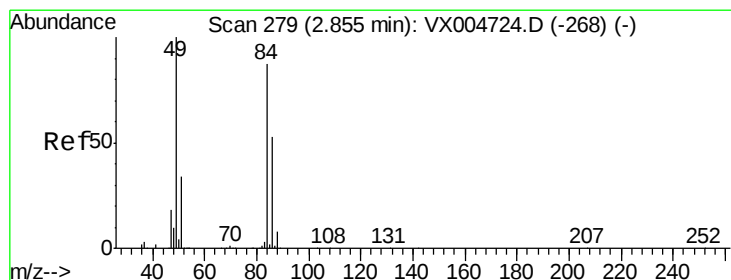
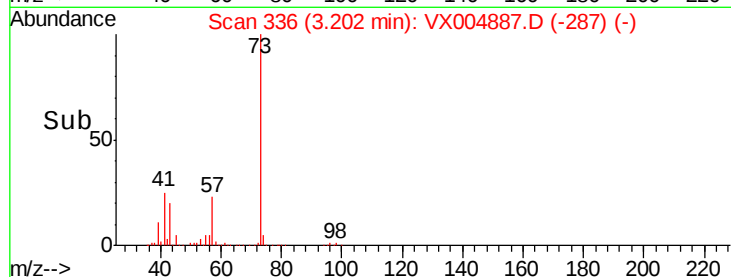
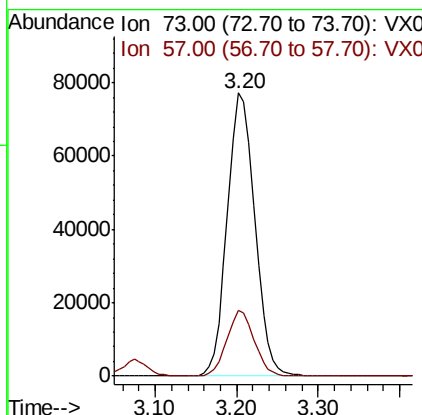
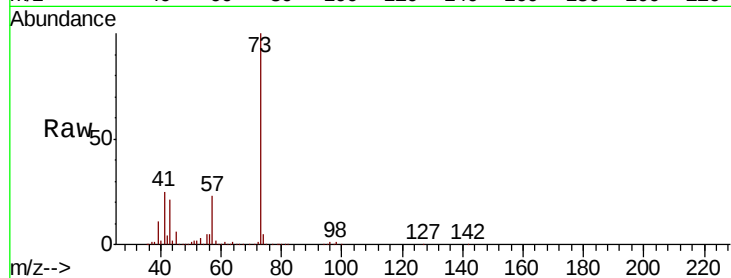


#19

Methyl tert-butyl Ether
 Concen: 22.033 ug/l
 RT: 3.20 min Scan# 336
 Delta R.T. -0.00 min
 Lab File: VX004887.D
 Acq: 01 Oct 2018 23:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBS02

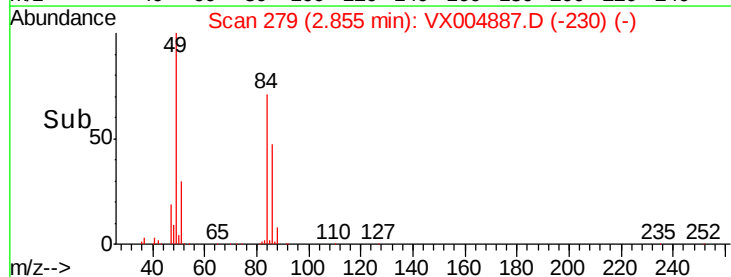
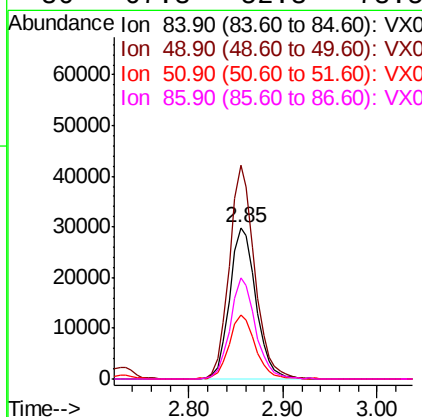
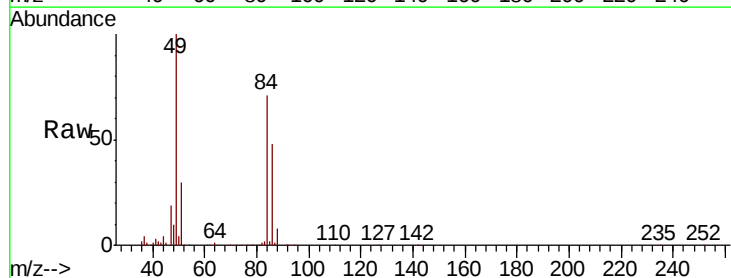
Tot Ion: 73 Resp: 181217
 Ion Ratio Lower Upper
 73 100
 57 23.2 17.1 25.7

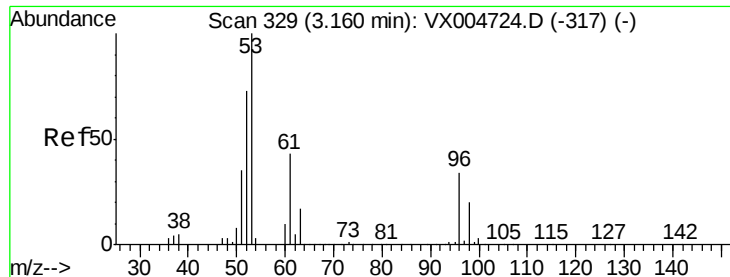


#20

Methylene Chloride
 Concen: 21.231 ug/l
 RT: 2.85 min Scan# 279
 Delta R.T. 0.00 min
 Lab File: VX004887.D
 Acq: 01 Oct 2018 23:30

Tgt Ion: 84 Resp: 57942
 Ion Ratio Lower Upper
 84 100
 49 141.3 101.2 151.8
 51 42.8 29.5 44.3
 86 67.3 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 20.167 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS02

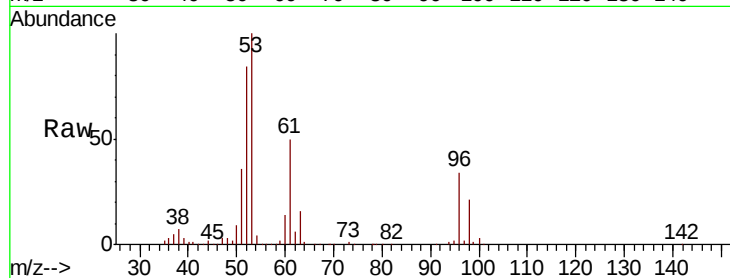
Tot Ion: 96 Resp: 52639

Ion Ratio Lower Upper

96 100

61 148.2 113.8 170.6

98 62.2 51.8 77.8

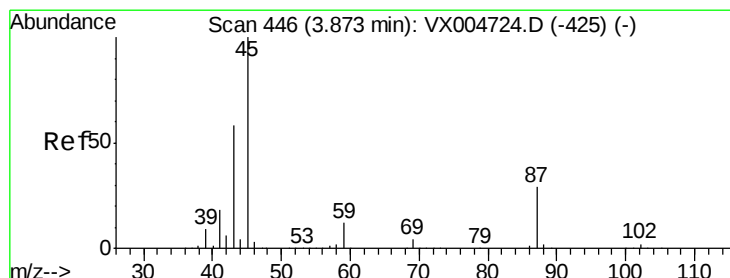
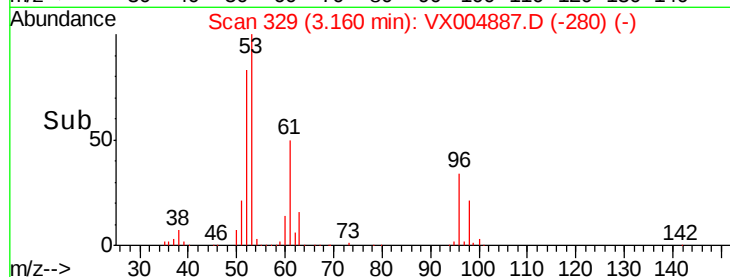
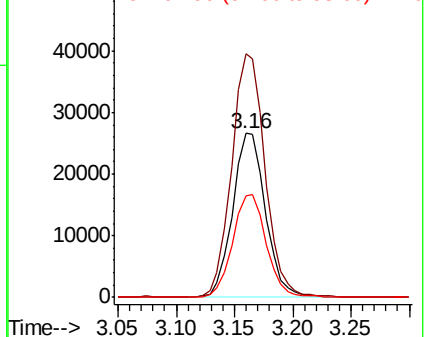


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 21.034 ug/l

RT: 3.87 min Scan# 446

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Tgt Ion: 45 Resp: 184271

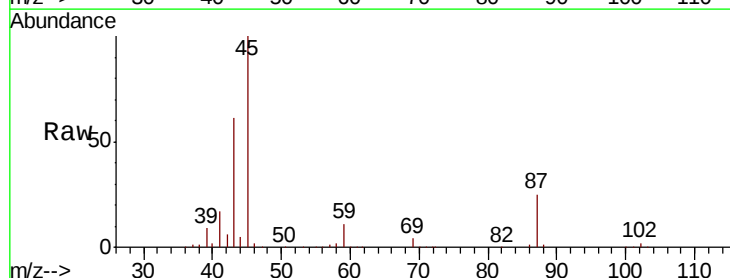
Ion Ratio Lower Upper

45 100

43 60.8 42.8 64.2

87 25.4 22.6 34.0

59 11.4 9.6 14.4



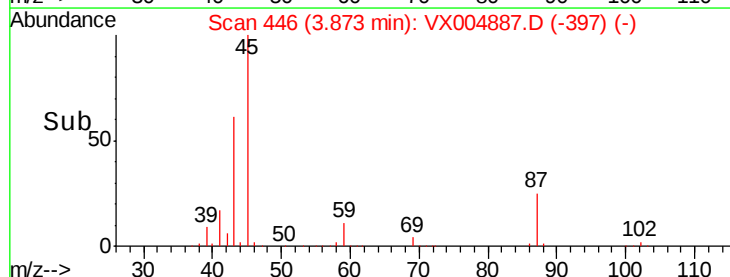
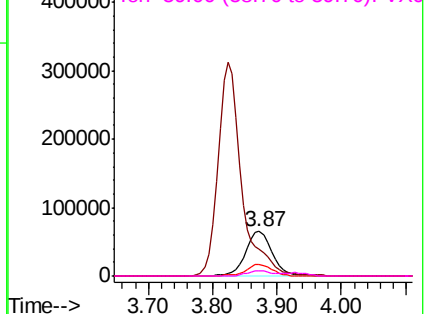
Abundance

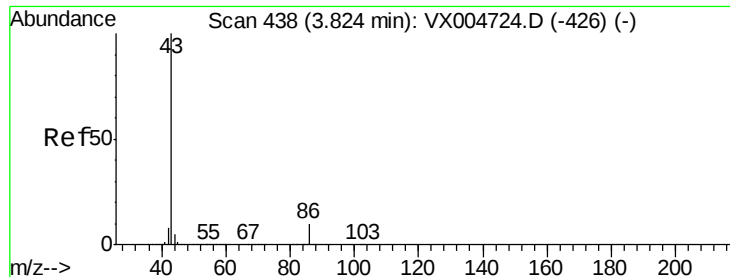
Ion 45.00 (44.70 to 45.70): VX0

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: 100.327 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

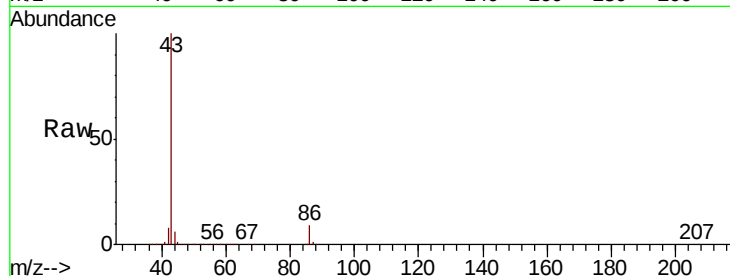
VX1001WBS02

Tot Ion: 43 Resp: 804546

Ion Ratio Lower Upper

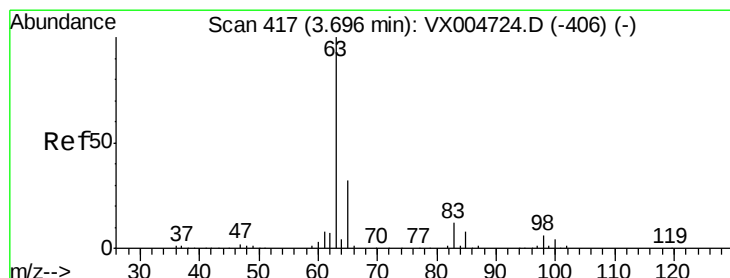
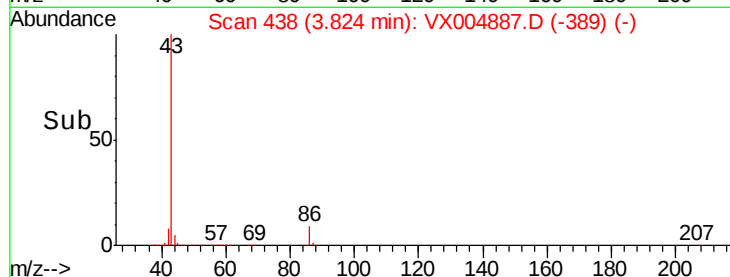
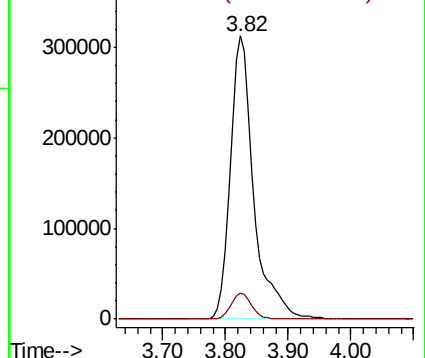
43 100

86 9.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.435 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

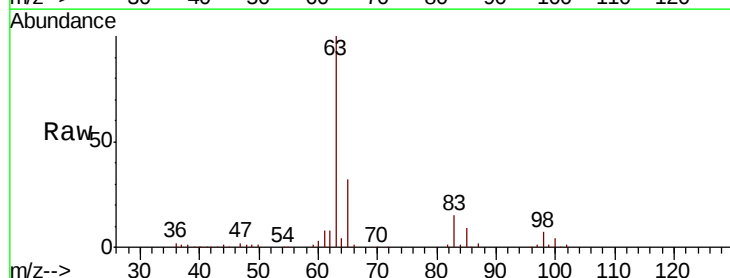
Tgt Ion: 63 Resp: 101564

Ion Ratio Lower Upper

63 100

98 7.0 3.5 10.4

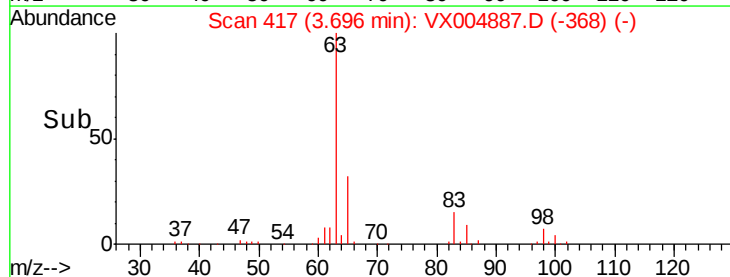
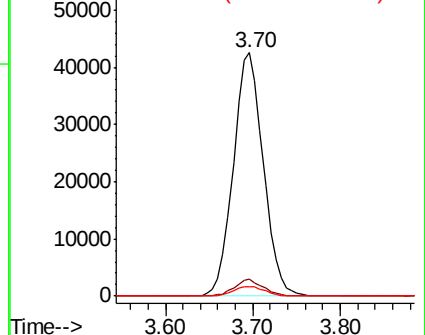
100 4.0 2.4 7.1

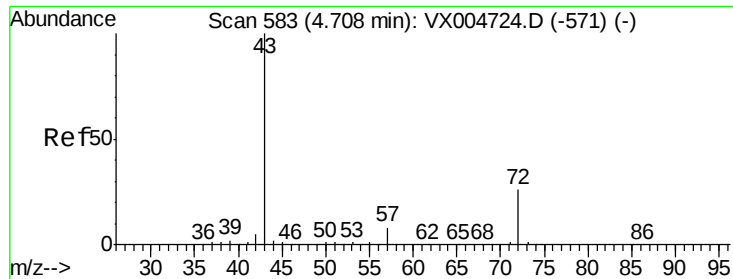


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

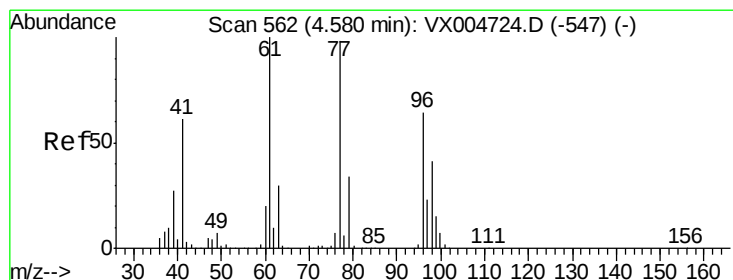
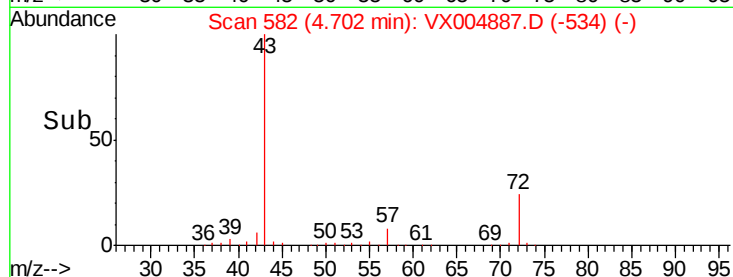
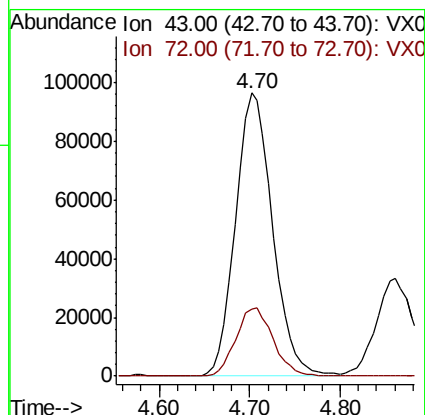
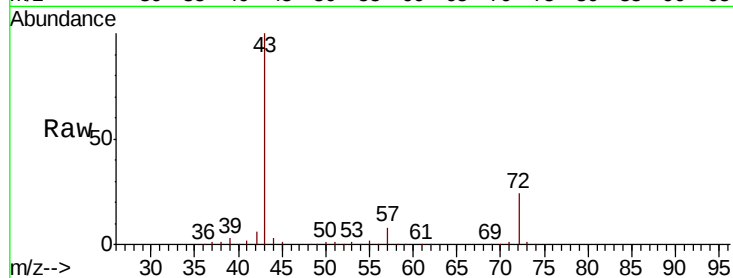




#25
2-Butanone
Concen: 100.907 ug/l
RT: 4.70 min Scan# 582
Delta R.T. -0.01 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

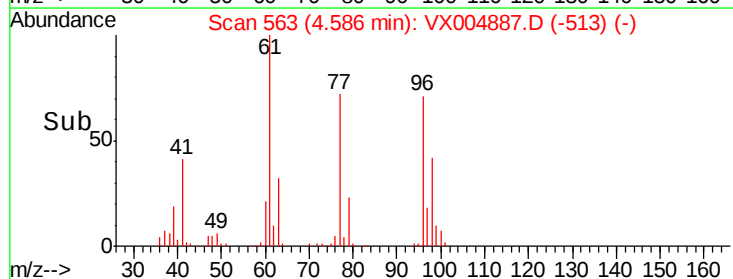
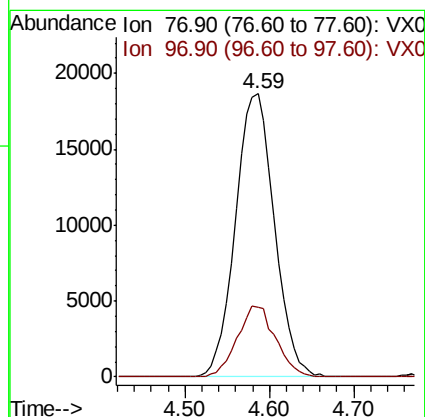
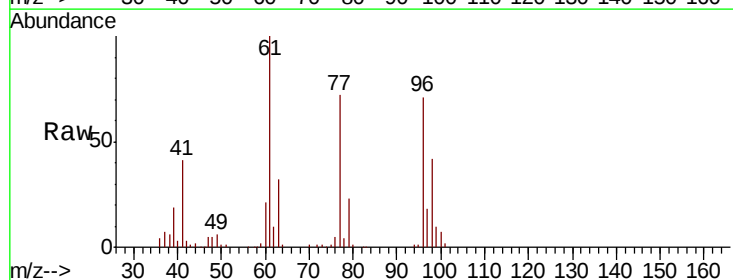
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS02

Tot Ion: 43 Resp: 272980
Ion Ratio Lower Upper
43 100
72 23.6 22.0 33.0



#26
2,2-Dichloropropane
Concen: 16.045 ug/l
RT: 4.59 min Scan# 563
Delta R.T. 0.01 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

Tgt Ion: 77 Resp: 58390
Ion Ratio Lower Upper
77 100
97 24.8 11.7 35.0



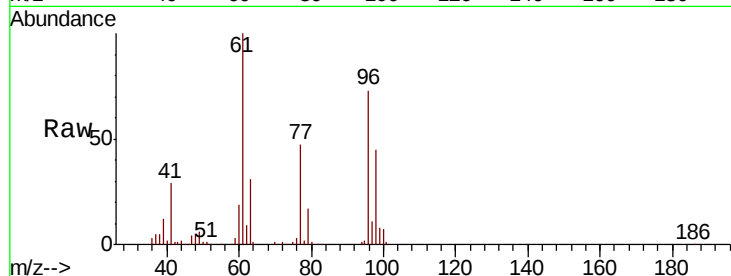


#27

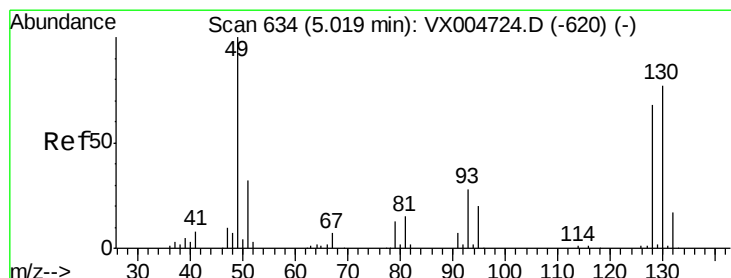
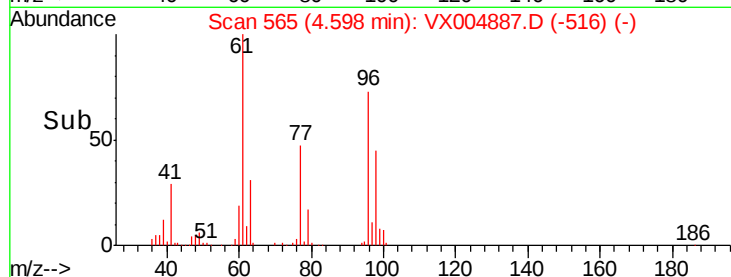
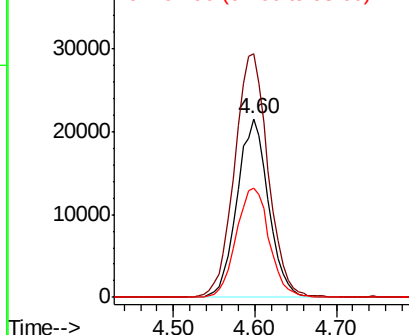
cis-1,2-Dichloroethene
Concen: 19.684 ug/l
RT: 4.60 min Scan# 565
Delta R.T. -0.00 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS02

Tot Ion	Ratio	Lower	Upper
96	100		
61	146.3	0.0	282.6
98	64.5	0.0	130.2



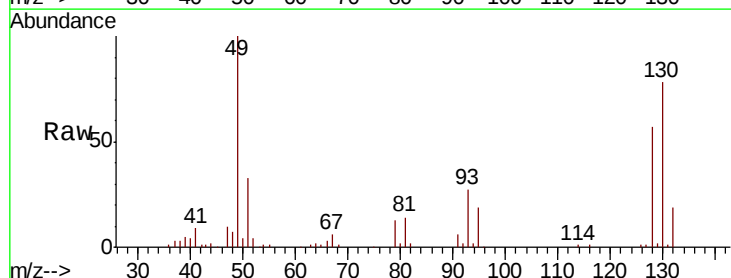
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



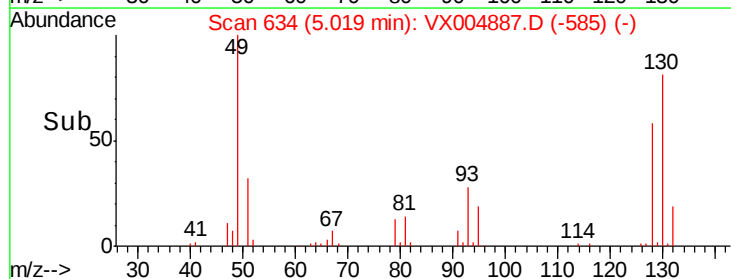
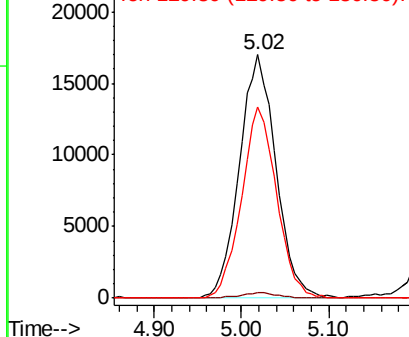
#28

Bromochloromethane
Concen: 20.104 ug/l
RT: 5.02 min Scan# 634
Delta R.T. -0.00 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	75.3	67.5	101.3



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





#29

Tetrahydrofuran

Concen: 107.962 ug/l

RT: 5.16 min Scan# 657

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS02

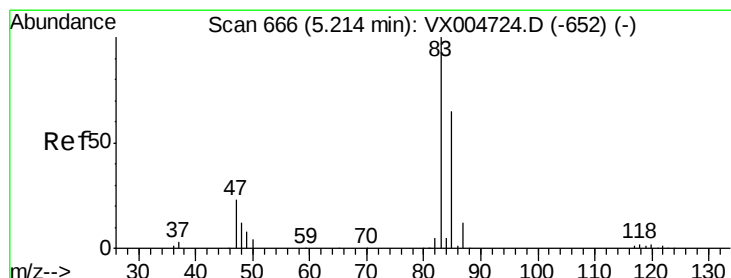
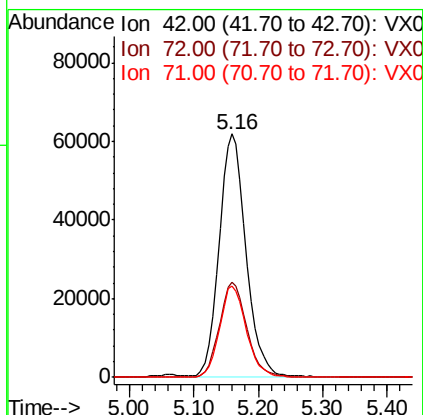
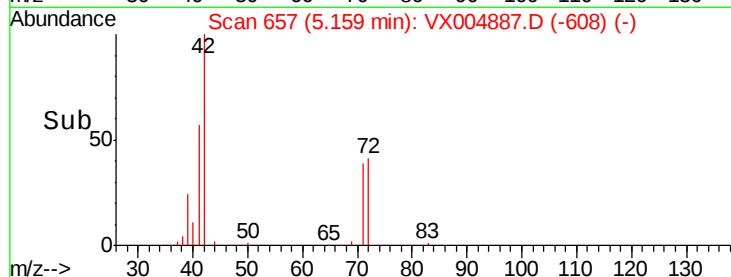
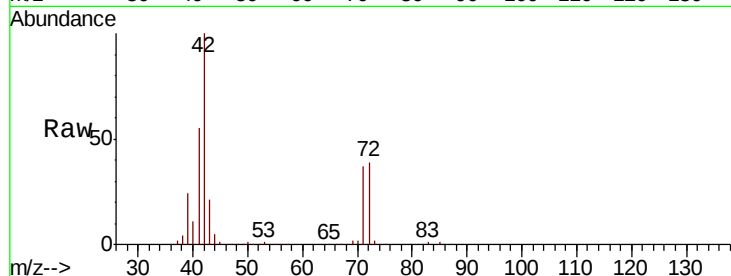
Tot Ion: 42 Resp: 181528

Ion Ratio Lower Upper

42 100

72 40.0 37.4 56.0

71 37.7 34.5 51.7



#30

Chloroform

Concen: 20.090 ug/l

RT: 5.21 min Scan# 666

Delta R.T. -0.00 min

Lab File: VX004887.D

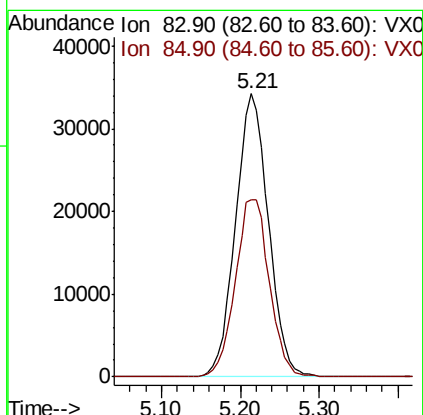
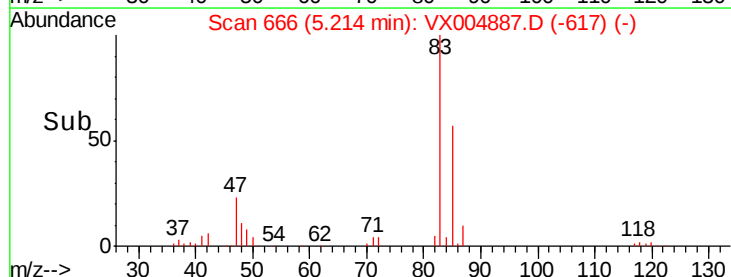
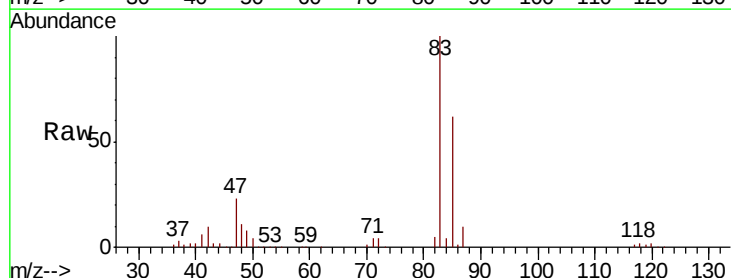
Acq: 01 Oct 2018 23:30

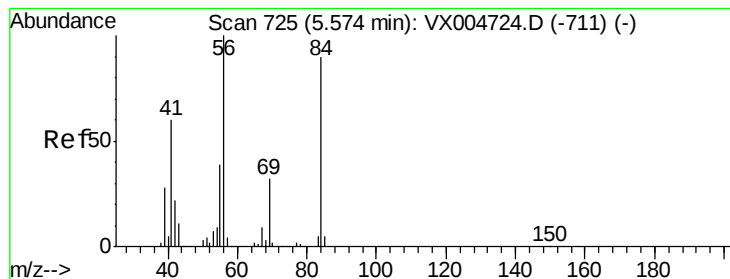
Tgt Ion: 83 Resp: 99225

Ion Ratio Lower Upper

83 100

85 62.5 52.6 79.0





#31

Cyclohexane

Concen: 21.258 ug/l

RT: 5.57 min Scan# 725

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS02

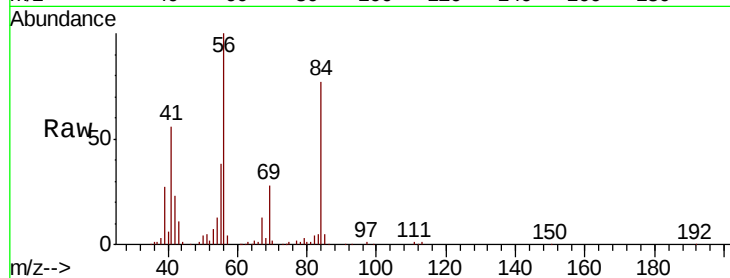
Tot Ion: 56 Resp: 85026

Ion Ratio Lower Upper

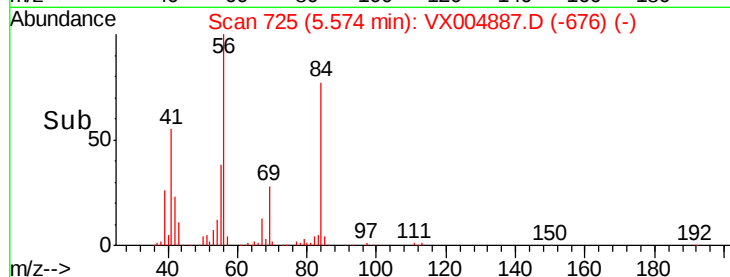
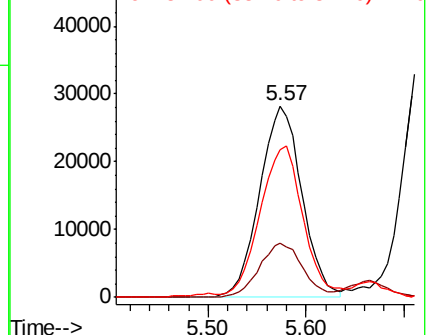
56 100

69 28.3 25.4 38.2

84 76.0 71.4 107.2



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: 20.565 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.01 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

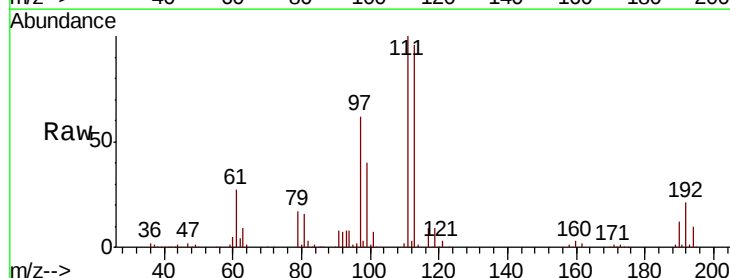
Tgt Ion: 97 Resp: 82951

Ion Ratio Lower Upper

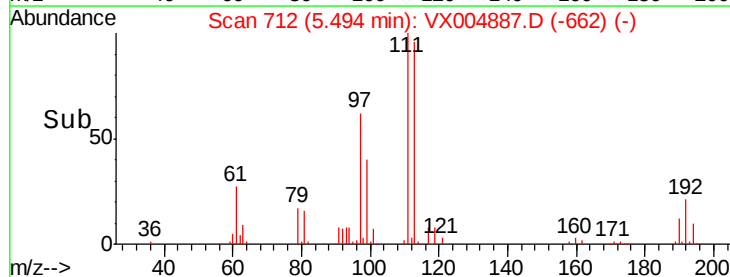
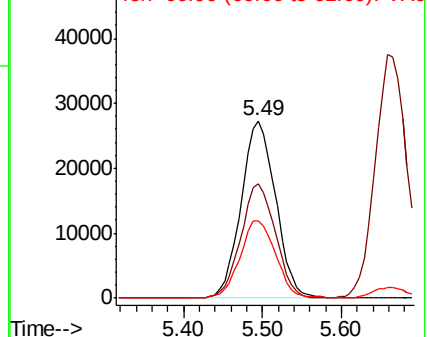
97 100

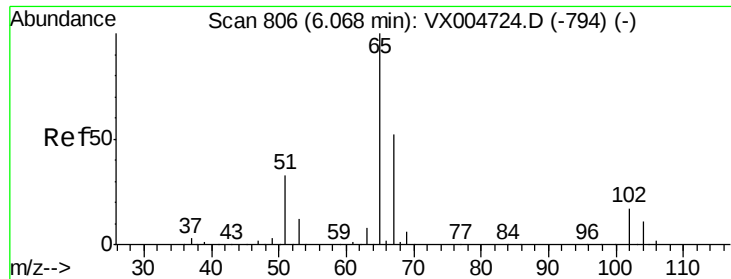
99 64.7 52.0 78.0

61 45.3 34.9 52.3



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

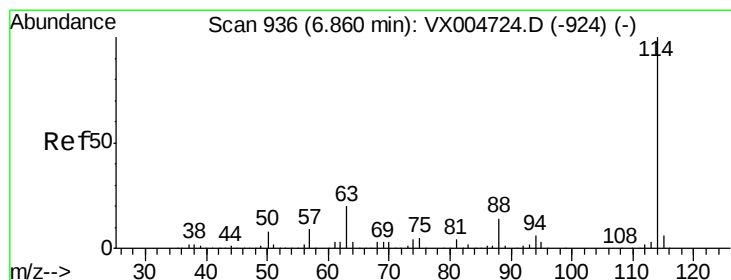
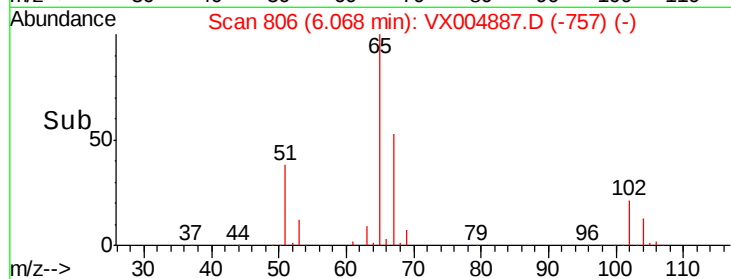
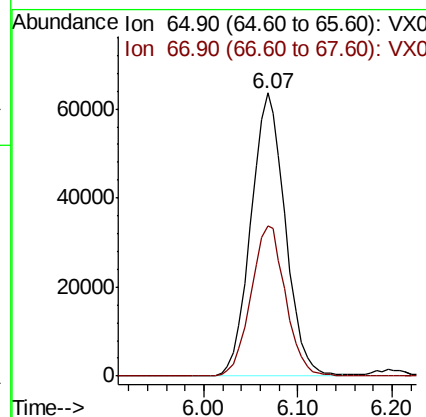
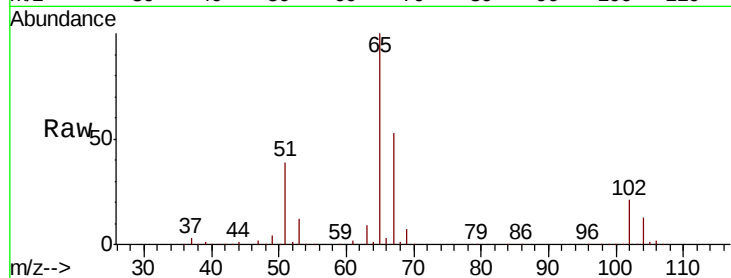




#33
 1,2-Dichloroethane-d4
 Concen: 51.509 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004887.D
 Acq: 01 Oct 2018 23:30

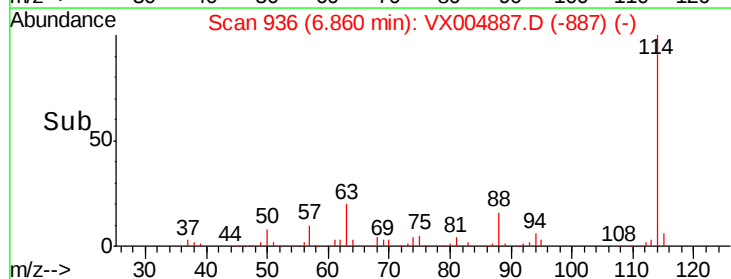
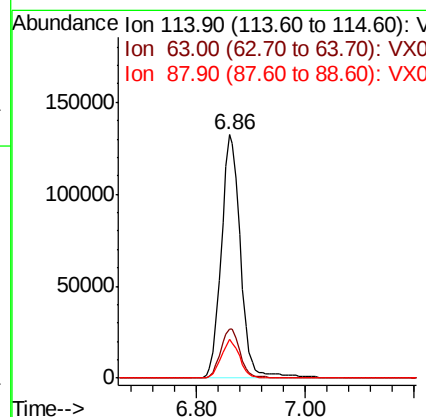
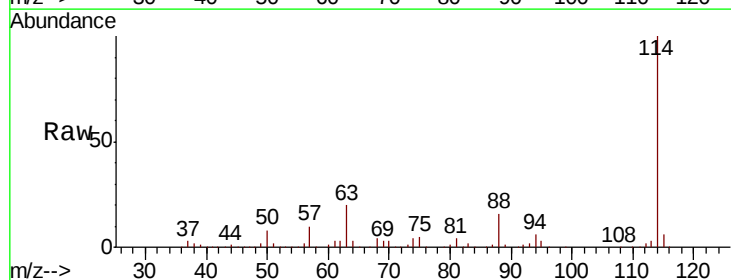
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBS02

Tot Ion: 65 Resp: 161923
 Ion Ratio Lower Upper
 65 100
 67 53.8 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004887.D
 Acq: 01 Oct 2018 23:30

Tgt Ion: 114 Resp: 324678
 Ion Ratio Lower Upper
 114 100
 63 20.2 0.0 39.0
 88 15.8 0.0 30.4





#35

Dibromofluoromethane

Concen: 47.964 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS02

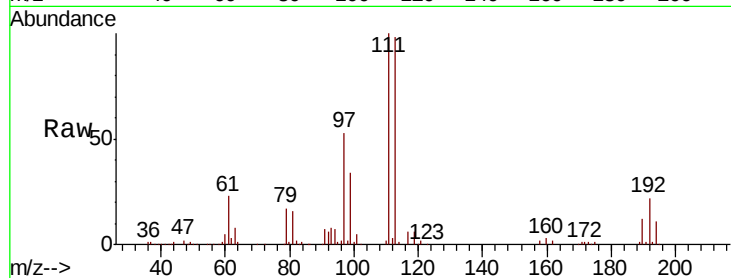
Tot Ion:113 Resp: 131982

Ion Ratio Lower Upper

113 100

111 102.0 82.4 123.6

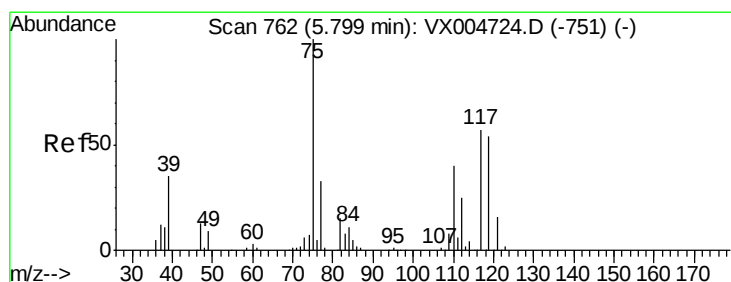
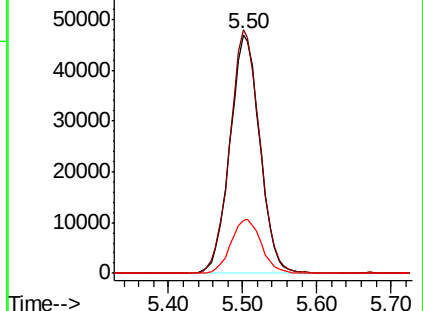
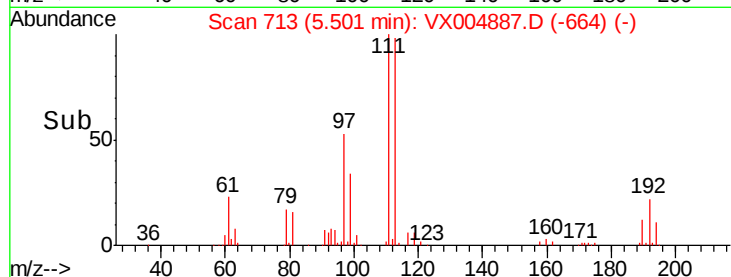
192 22.9 19.4 29.2



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.689 ug/l

RT: 5.80 min Scan# 762

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

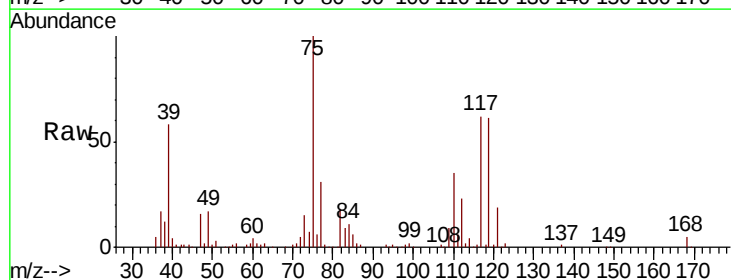
Tgt Ion: 75 Resp: 70164

Ion Ratio Lower Upper

75 100

110 36.2 18.0 54.0

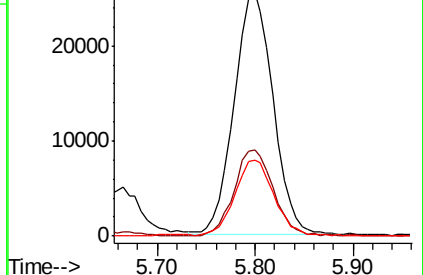
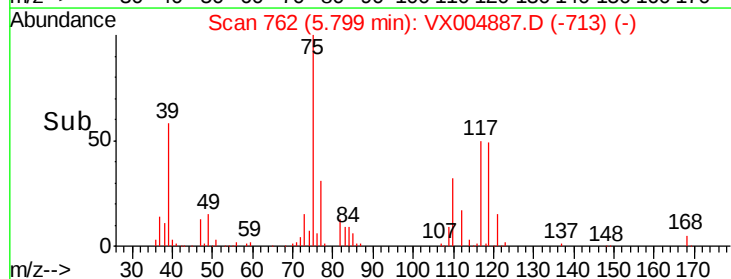
77 31.3 24.6 36.8

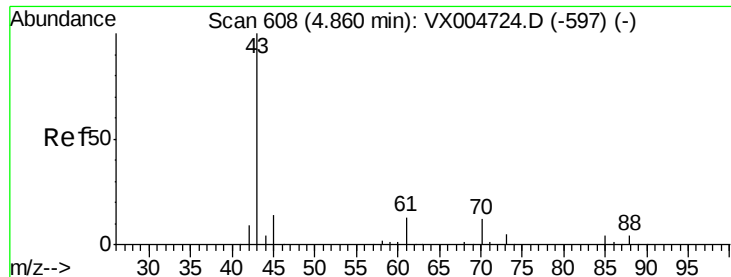


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

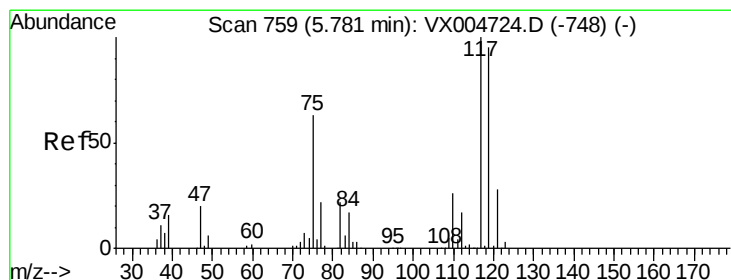
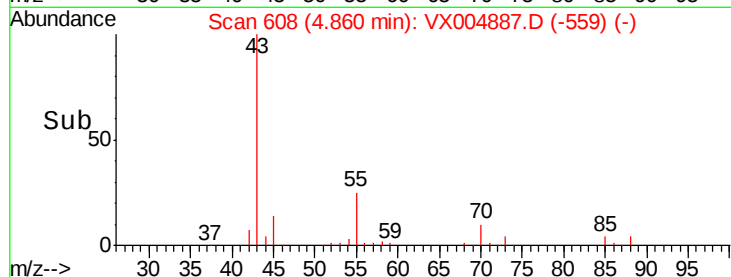
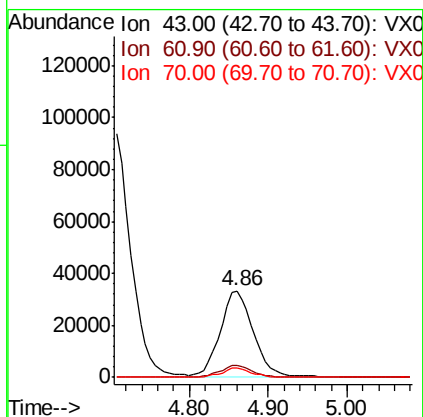
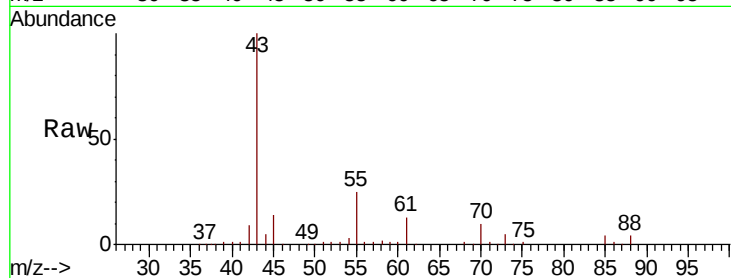




#37
Ethyl Acetate
Concen: 19.358 ug/l
RT: 4.86 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

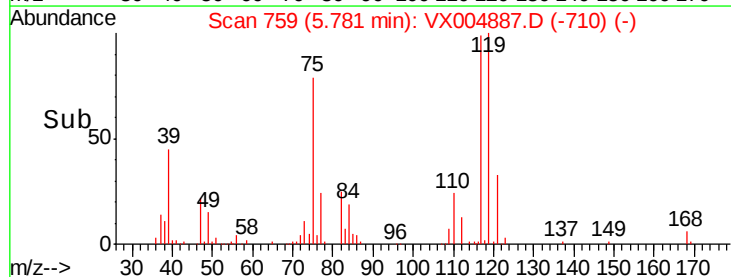
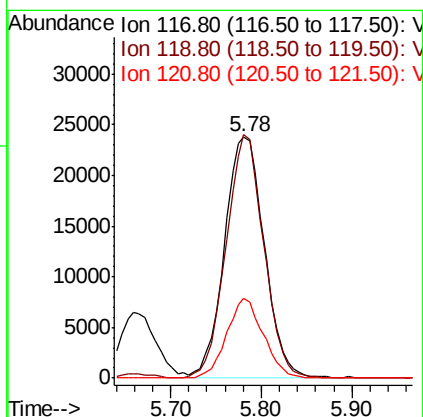
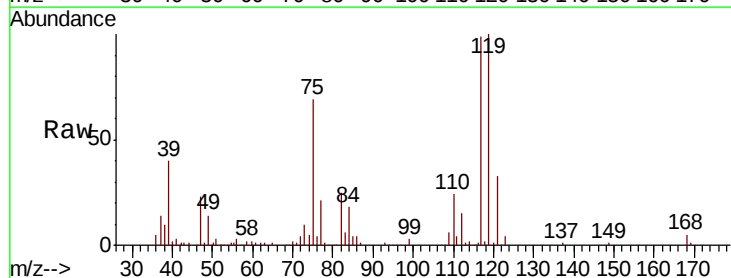
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS02

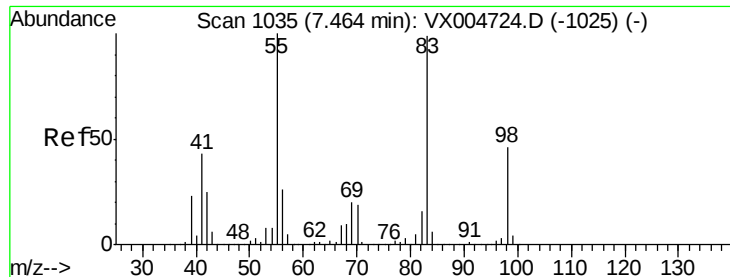
Tot Ion: 43 Resp: 96471
Ion Ratio Lower Upper
43 100
61 13.8 11.5 17.3
70 10.0 9.0 13.6



#38
Carbon Tetrachloride
Concen: 18.389 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

Tgt Ion: 117 Resp: 72573
Ion Ratio Lower Upper
117 100
119 100.8 78.8 118.2
121 33.1 24.9 37.3

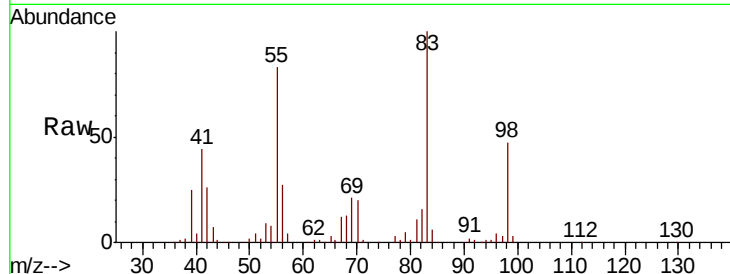




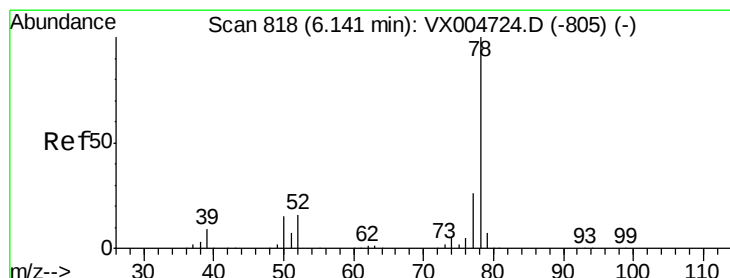
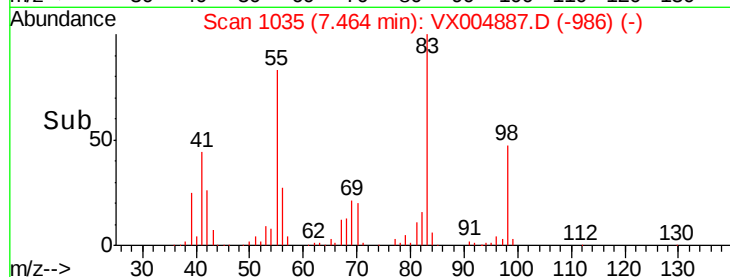
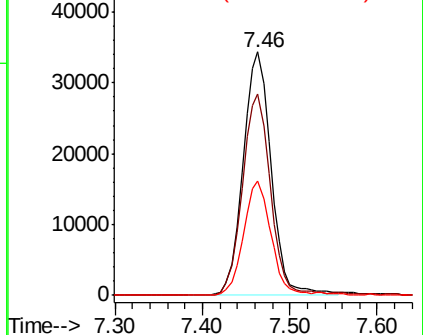
#39
Methylvlcvclohexane
Concen: 20.028 ug/l
RT: 7.46 min Scan# 1035
Delta R.T. -0.00 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS02

Tot Ion: 83 Resp: 76779
Ion Ratio Lower Upper
83 100
55 82.7 61.0 91.4
98 46.9 39.6 59.4

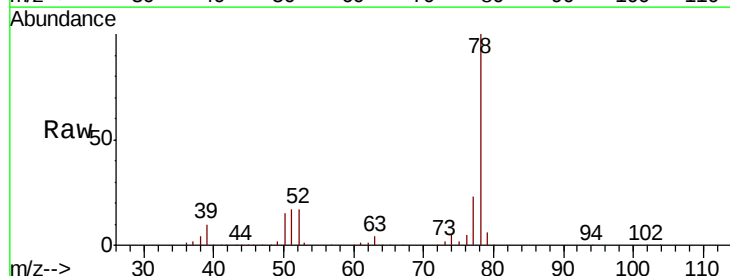


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

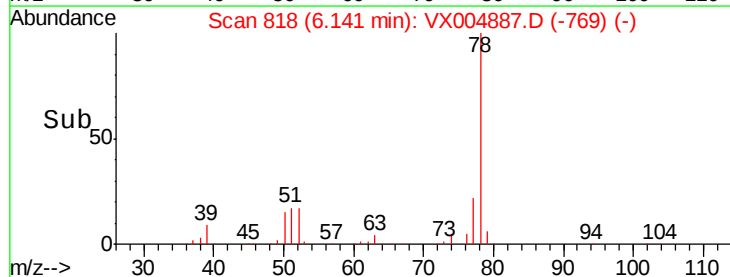
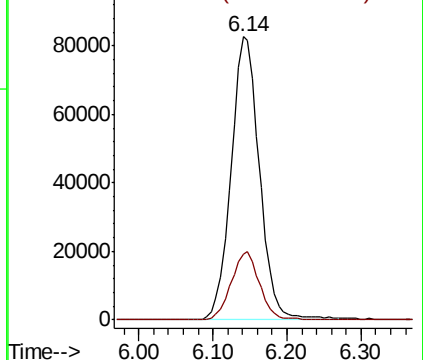


#40
Benzene
Concen: 18.786 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

Tgt Ion: 78 Resp: 220805
Ion Ratio Lower Upper
78 100
77 23.3 19.0 28.4



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

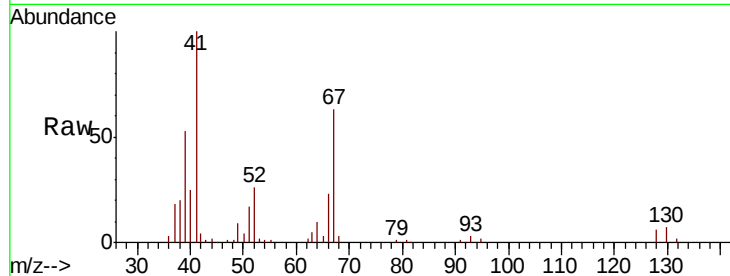




#41
Methacrylonitrile
Concen: 19.481 ug/l
RT: 5.06 min Scan# 641
Delta R.T. -0.00 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

Instrument :
MSVOA_X
ClientSampled :
VX1001WBS02

Tot Ion:	41	Resp:	53840
Ion	Ratio	Lower	Upper
41	100		
39	53.6	42.4	63.6
67	68.0	59.2	88.8
52	30.1	23.0	34.4



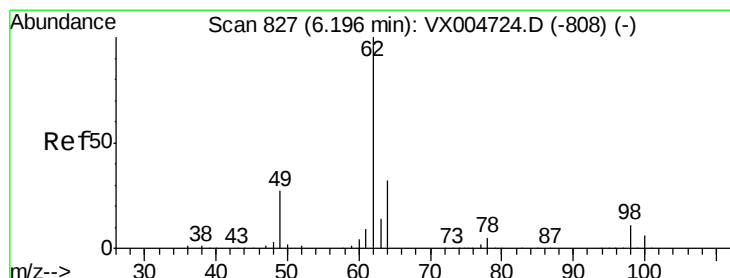
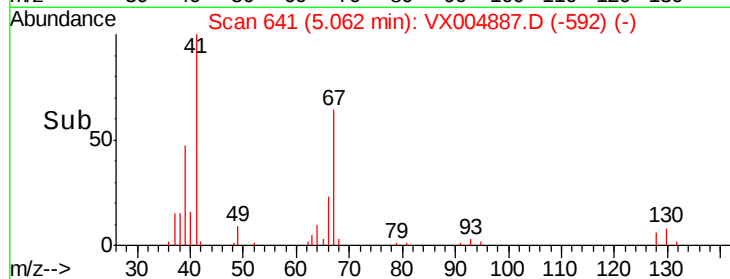
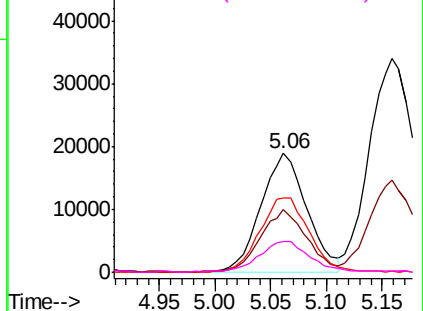
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

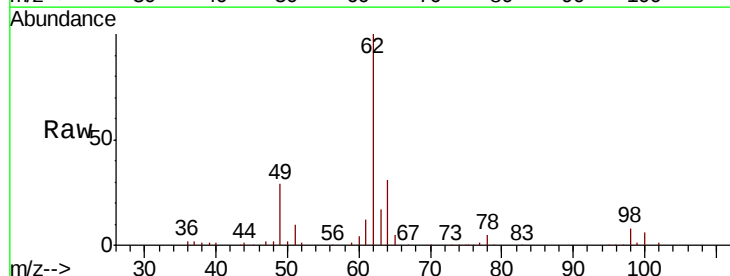
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 19.227 ug/l
RT: 6.20 min Scan# 828
Delta R.T. 0.01 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

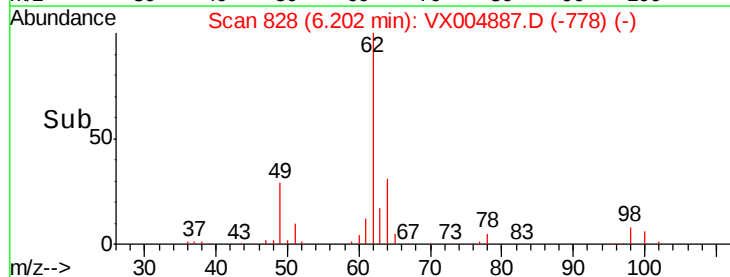
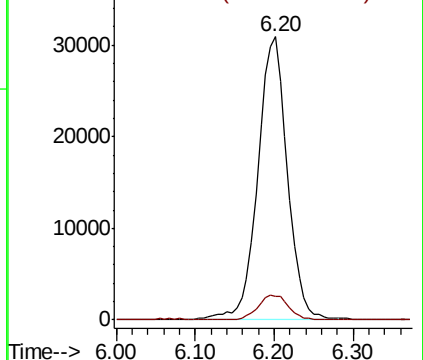
Tgt Ion:	62	Resp:	79889
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	20.6



Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



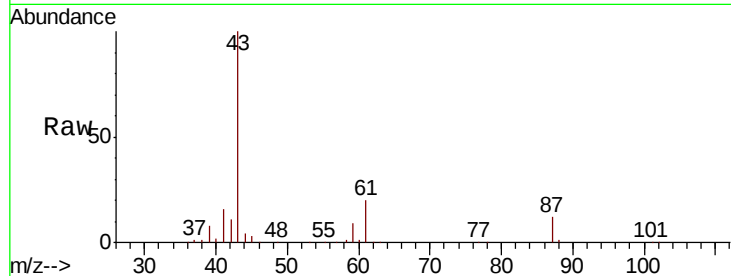


#43

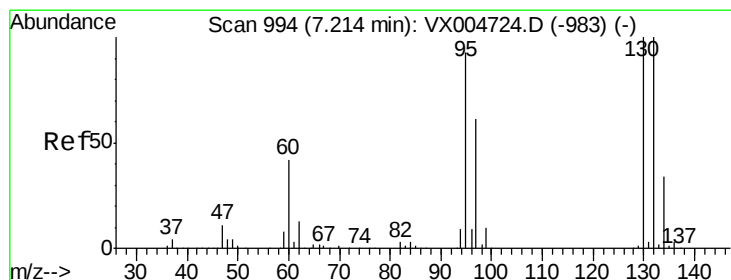
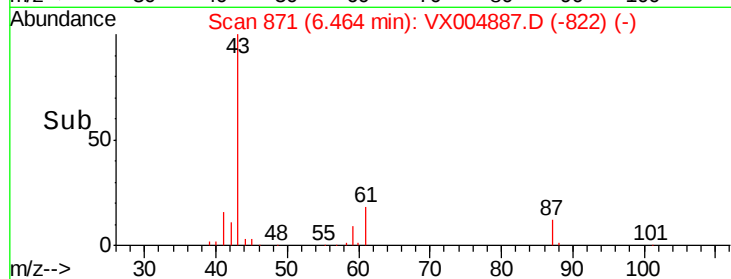
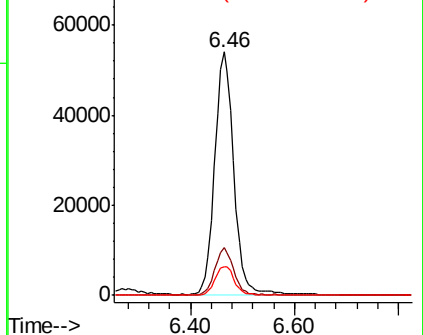
Isopropyl Acetate
 Concen: 19.398 ug/l
 RT: 6.46 min Scan# 871
 Delta R.T. -0.00 min
 Lab File: VX004887.D
 Acq: 01 Oct 2018 23:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBS02

Tot Ion: 43 Resp: 139529
 Ion Ratio Lower Upper
 43 100
 61 19.0 17.0 25.4
 87 12.2 11.4 17.2



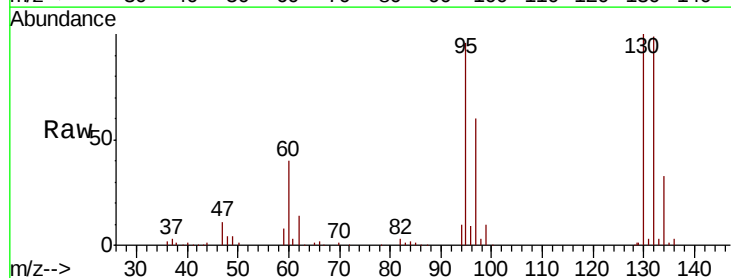
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



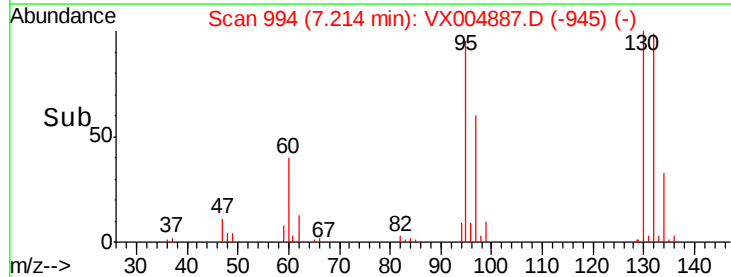
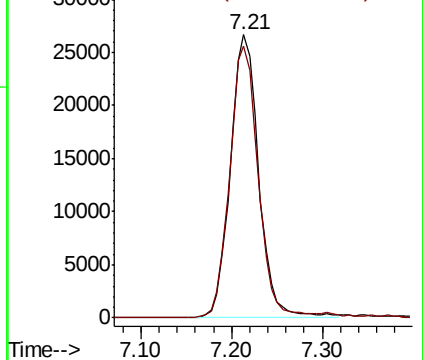
#44

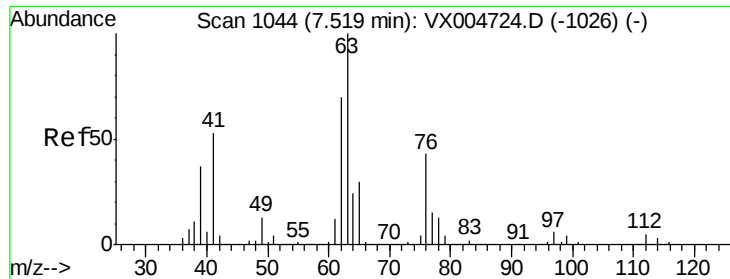
Trichloroethene
 Concen: 20.227 ug/l
 RT: 7.21 min Scan# 994
 Delta R.T. -0.00 min
 Lab File: VX004887.D
 Acq: 01 Oct 2018 23:30

Tgt Ion:130 Resp: 58445
 Ion Ratio Lower Upper
 130 100
 95 95.9 0.0 181.6



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





#45

1,2-Dichloropropane

Concen: 20.962 ug/l

RT: 7.52 min Scan# 1044

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

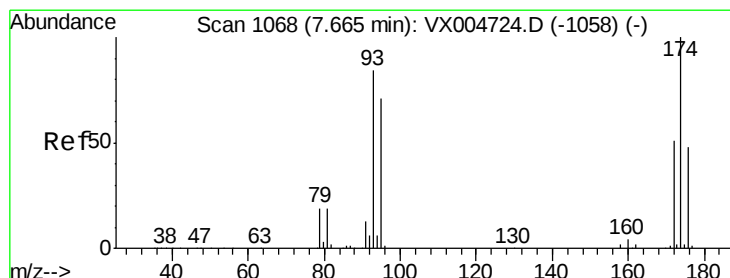
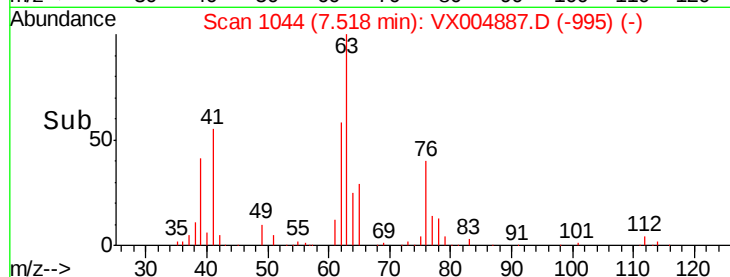
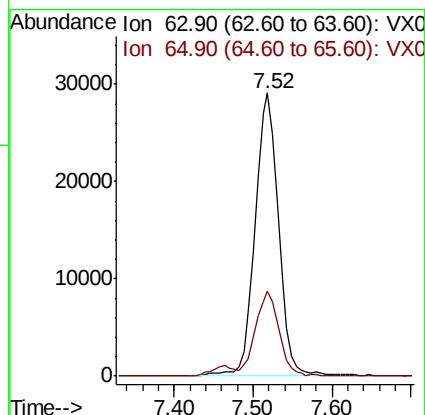
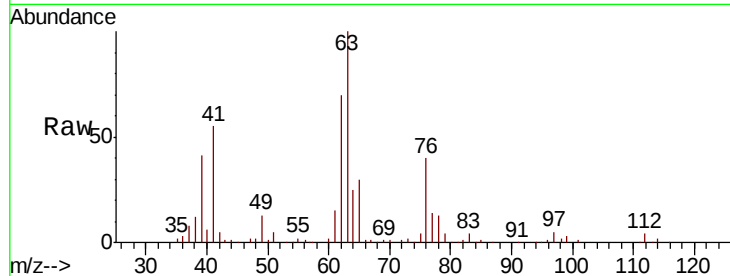
VX1001WBS02

Tot Ion: 63 Resp: 60421

Ion Ratio Lower Upper

63 100

65 30.2 24.3 36.5



#46

Dibromomethane

Concen: 21.631 ug/l

RT: 7.66 min Scan# 1068

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

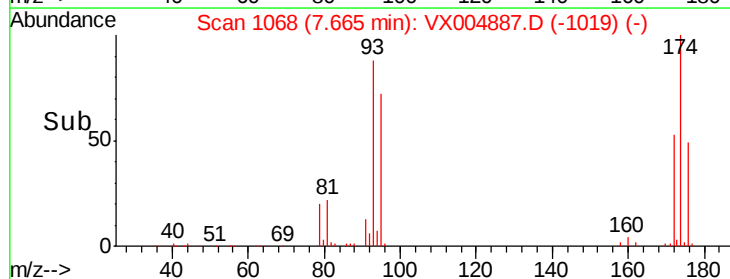
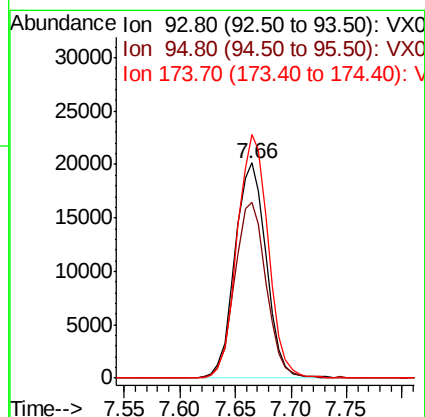
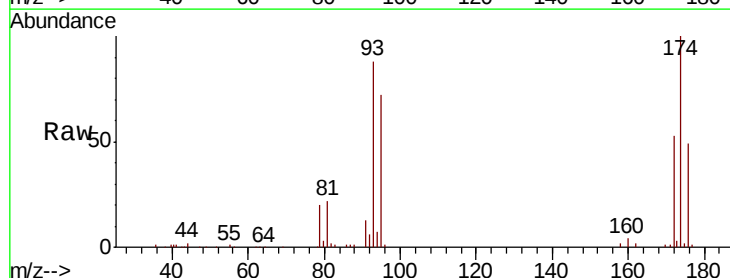
Tgt Ion: 93 Resp: 39184

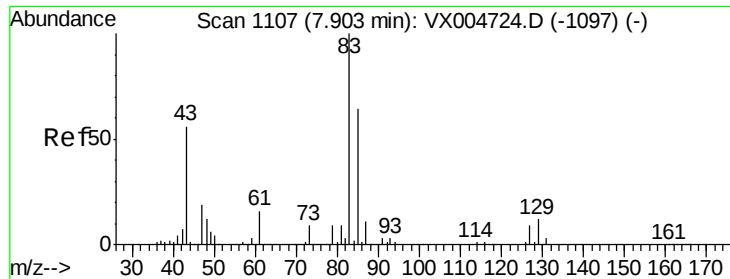
Ion Ratio Lower Upper

93 100

95 82.5 65.5 98.3

174 112.8 94.2 141.4





#47

Bromodichloromethane

Concen: 21.326 ug/l

RT: 7.90 min Scan# 1107

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Instrument :
MSVOA_X
ClientSampled :
VX1001WBS02

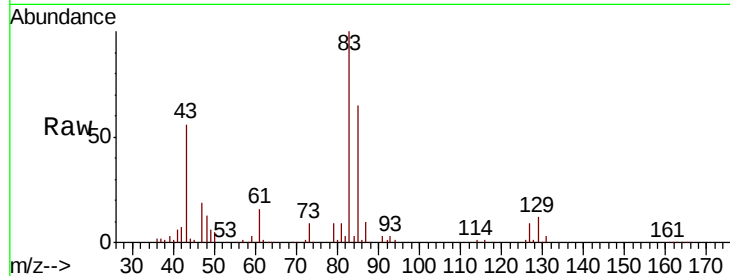
Tot Ion: 83 Resp: 72326

Ion Ratio Lower Upper

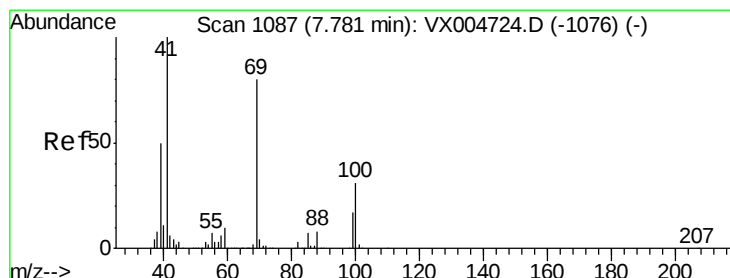
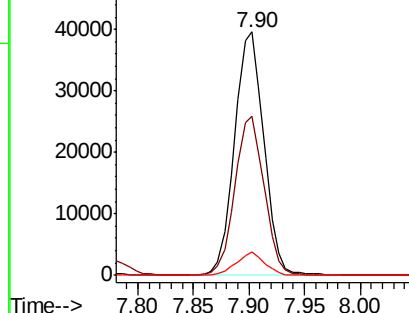
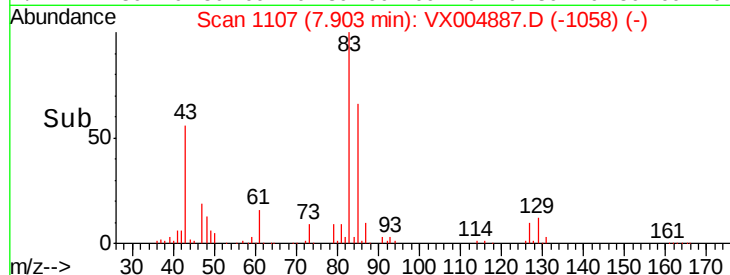
83 100

85 65.4 50.9 76.3

127 9.5 7.3 10.9



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: 22.057 ug/l

RT: 7.77 min Scan# 1086

Delta R.T. -0.01 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

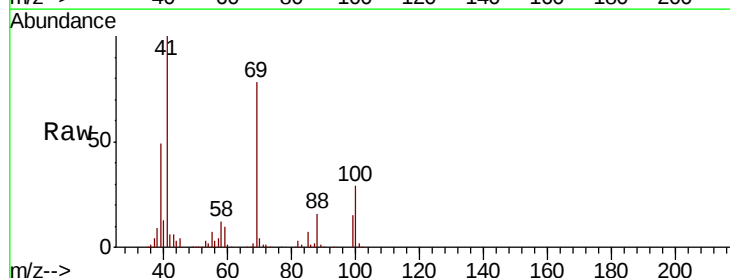
Tgt Ion: 41 Resp: 72011

Ion Ratio Lower Upper

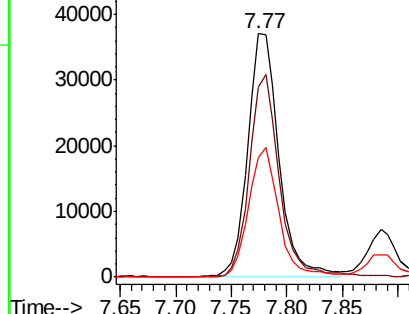
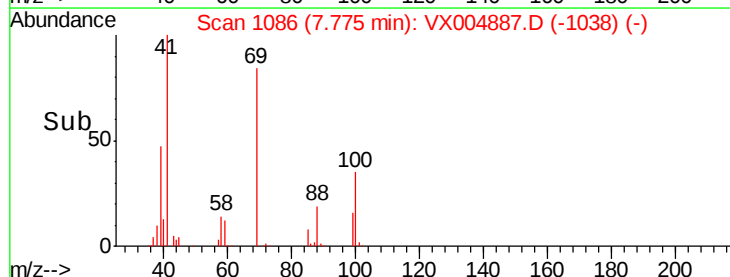
41 100

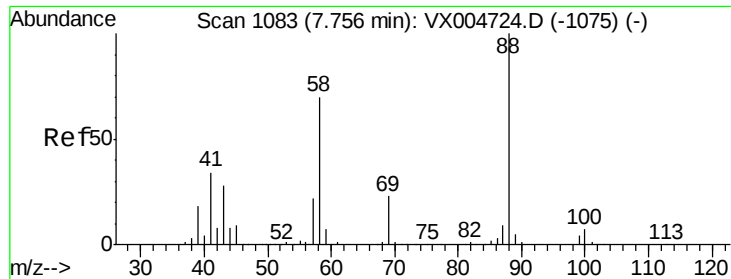
69 80.8 70.2 105.4

39 51.5 42.7 64.1



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

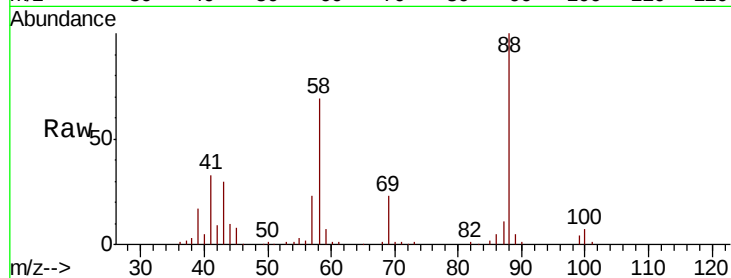




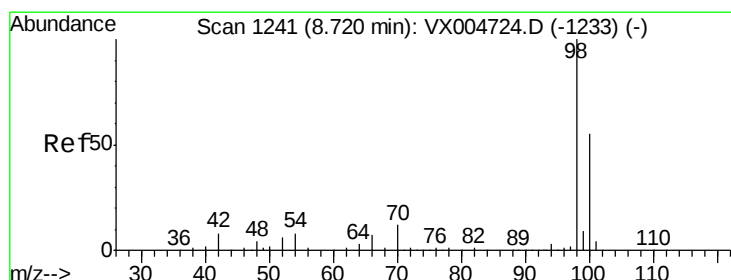
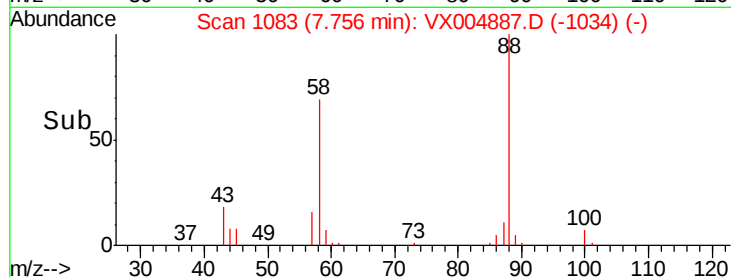
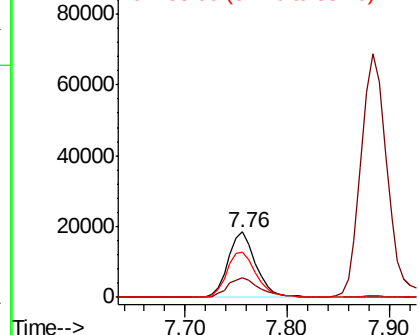
#49
1,4-Dioxane
Concen: 428.668 ug/l
RT: 7.76 min Scan# 1083
Delta R.T. -0.00 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS02

Tot Ion: 88 Resp: 34769
Ion Ratio Lower Upper
88 100
43 34.0 24.7 37.1
58 74.3 55.3 82.9

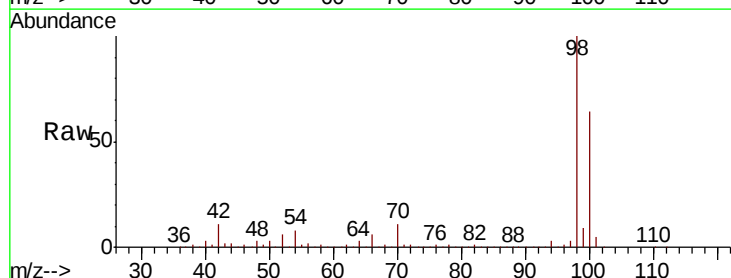


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

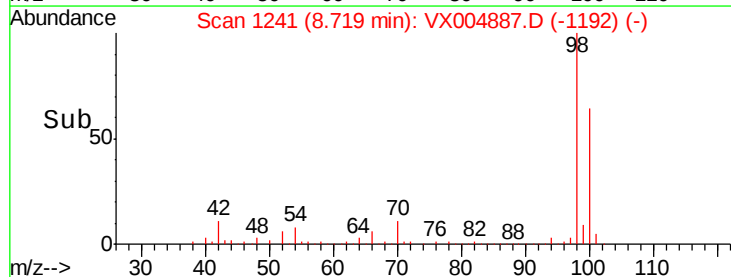
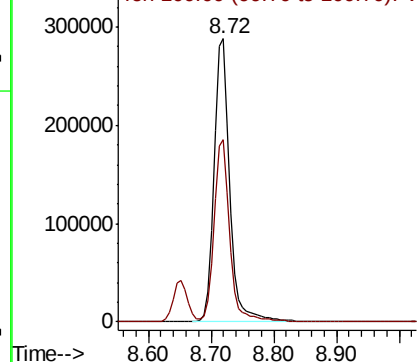


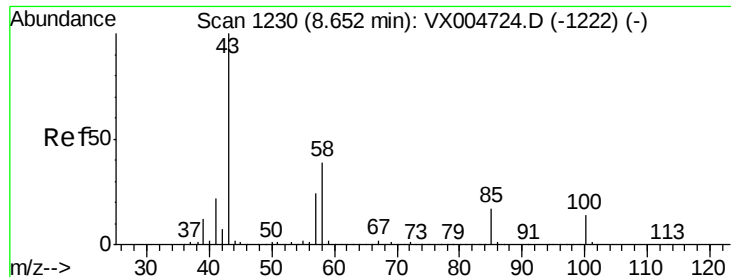
#50
Toluene-d8
Concen: 54.140 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. -0.00 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

Tgt Ion: 98 Resp: 495270
Ion Ratio Lower Upper
98 100
100 64.4 52.9 79.3



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

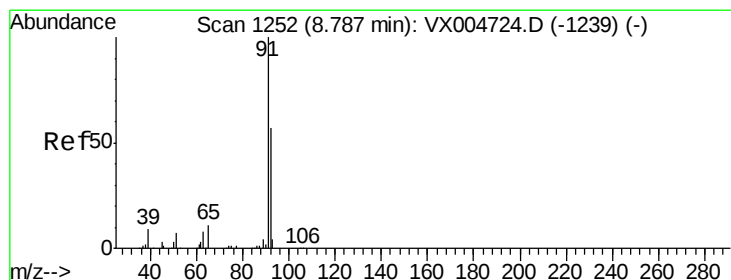
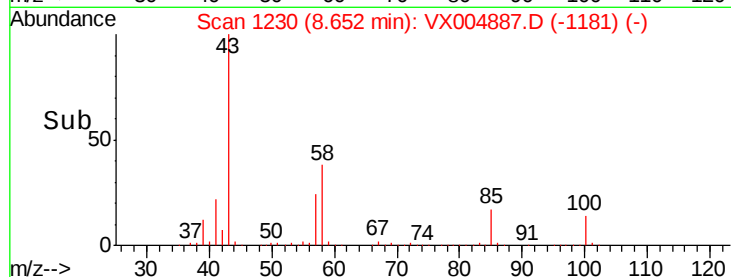
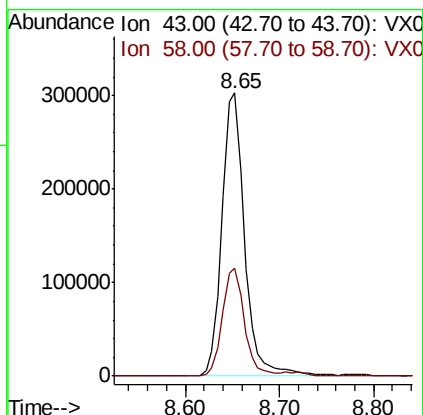
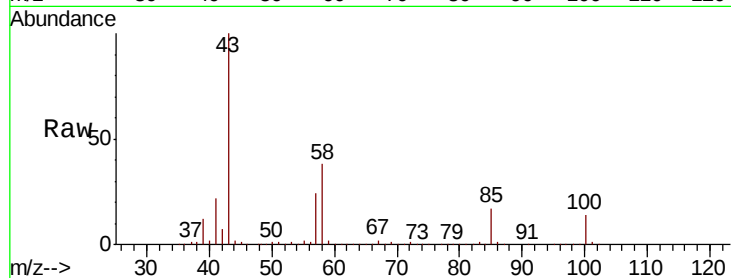




#51
4-Methyl-2-Pentanone
Concen: 112.391 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. -0.00 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

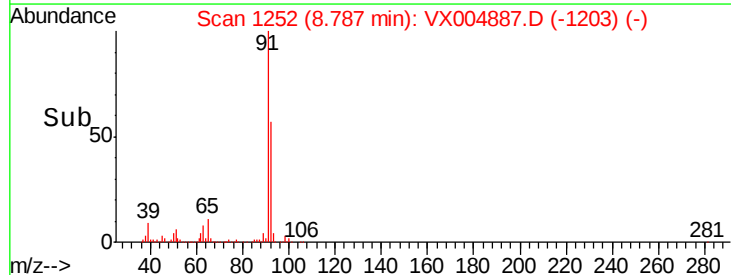
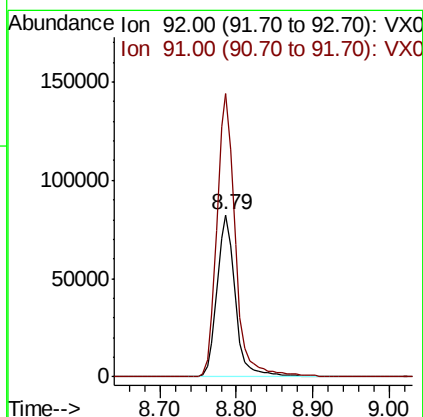
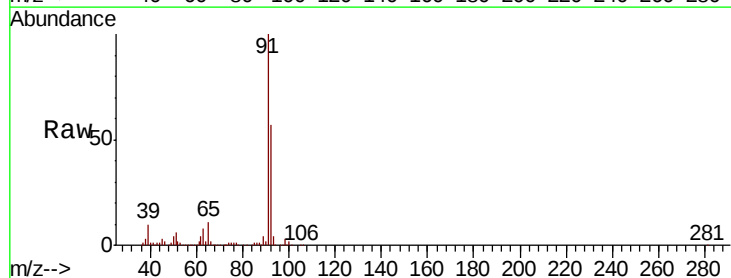
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS02

Tot Ion: 43 Resp: 509020
Ion Ratio Lower Upper
43 100
58 36.9 33.1 49.7



#52
Toluene
Concen: 21.208 ug/l
RT: 8.79 min Scan# 1252
Delta R.T. -0.00 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

Tgt Ion: 92 Resp: 136969
Ion Ratio Lower Upper
92 100
91 176.5 136.4 204.6





#53

t-1,3-Dichloropropene

Concen: 19.753 ug/l

RT: 9.04 min Scan# 1294

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

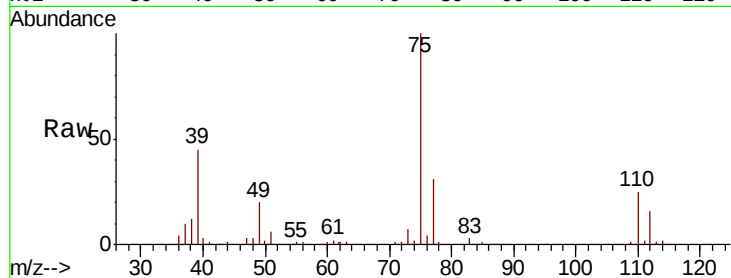
VX1001WBS02

Tot Ion: 75 Resp: 75705

Ion Ratio Lower Upper

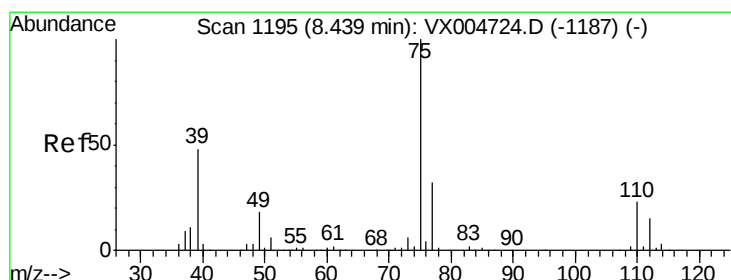
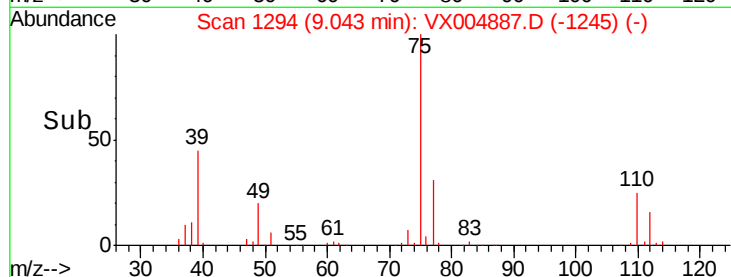
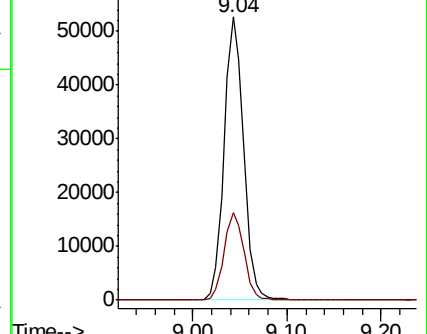
75 100

77 30.9 24.6 37.0



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 21.018 ug/l

RT: 8.44 min Scan# 1195

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

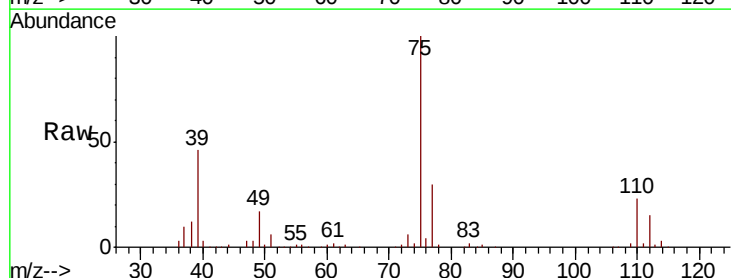
Tgt Ion: 75 Resp: 84371

Ion Ratio Lower Upper

75 100

77 30.2 26.2 39.2

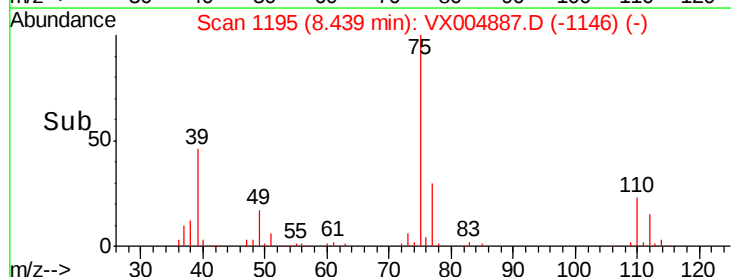
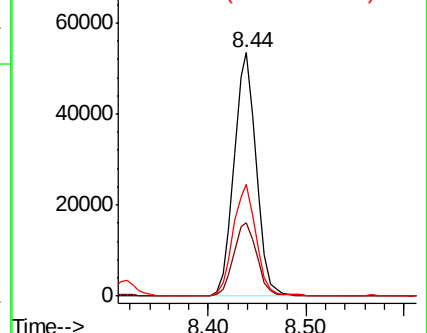
39 45.5 36.4 54.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

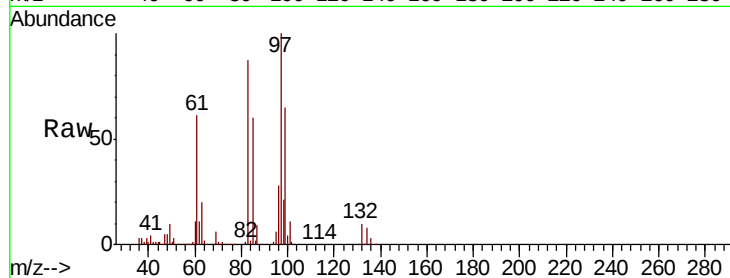




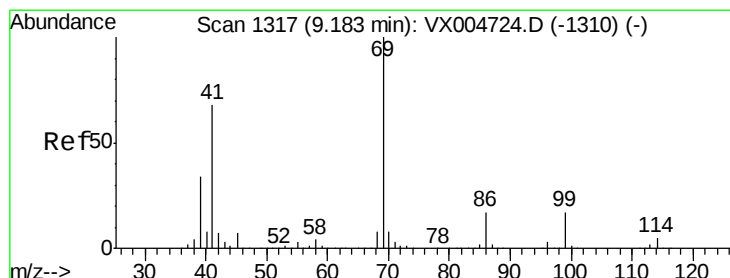
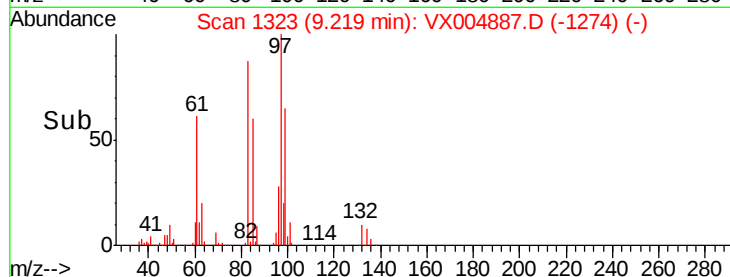
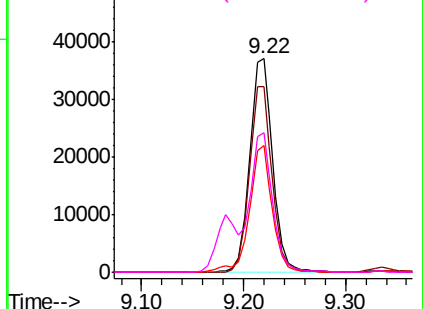
#55
 1,1,2-Trichloroethane
 Concen: 20.634 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004887.D
 Acq: 01 Oct 2018 23:30

Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBS02

Tot Ion:	97	Resp:	58375
Ion	Ratio	Lower	Upper
97	100		
83	87.2	66.4	99.6
85	59.5	43.3	64.9
99	65.2	49.0	73.4

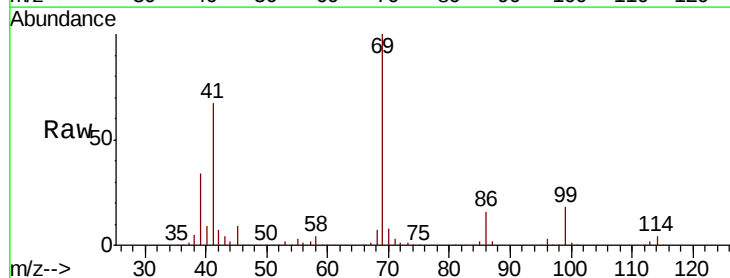


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

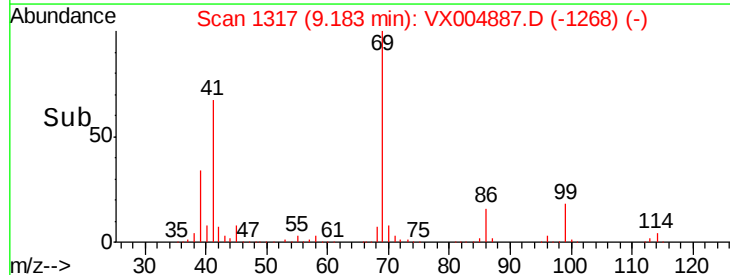
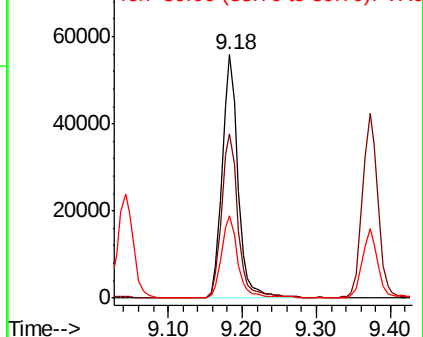


#56
 Ethyl methacrylate
 Concen: 19.957 ug/l
 RT: 9.18 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: VX004887.D
 Acq: 01 Oct 2018 23:30

Tgt Ion:	69	Resp:	83245
Ion	Ratio	Lower	Upper
69	100		
41	69.9	51.0	76.4
39	34.7	26.1	39.1



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





#57

1,3-Dichloropropane

Concen: 20.445 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

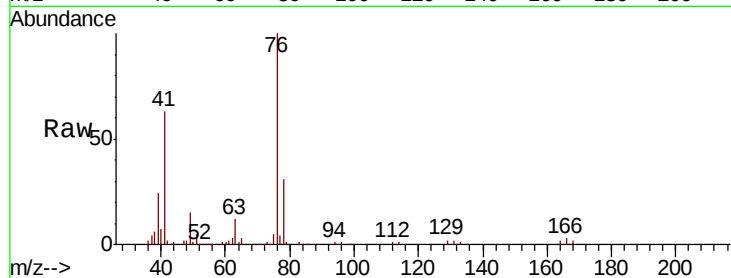
VX1001WBS02

Tot Ion: 76 Resp: 96262

Ion Ratio Lower Upper

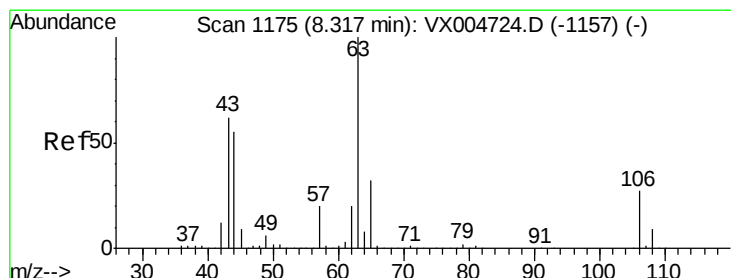
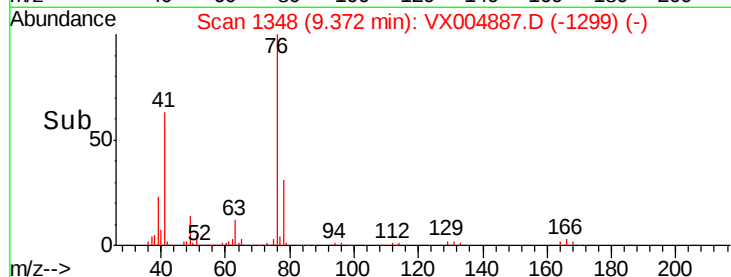
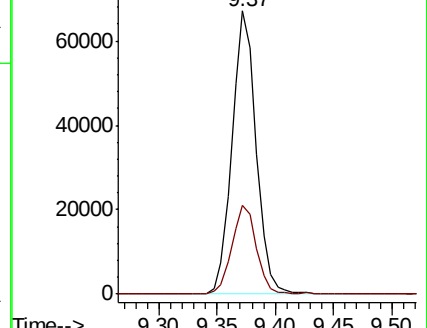
76 100

78 32.2 25.5 38.3



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: 110.246 ug/l

RT: 8.32 min Scan# 1175

Delta R.T. 0.00 min

Lab File: VX004887.D

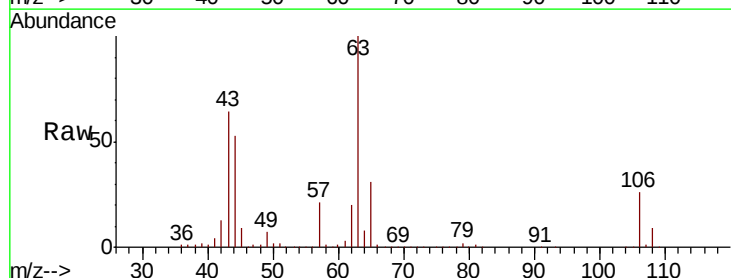
Acq: 01 Oct 2018 23:30

Tgt Ion: 63 Resp: 248154

Ion Ratio Lower Upper

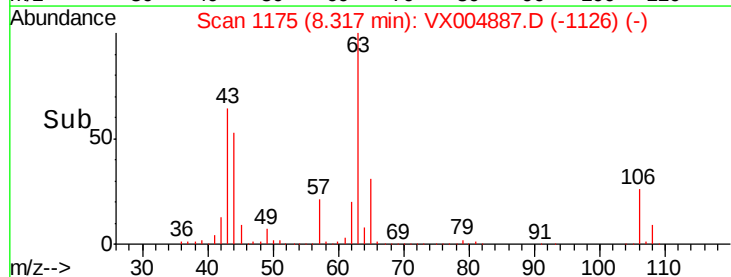
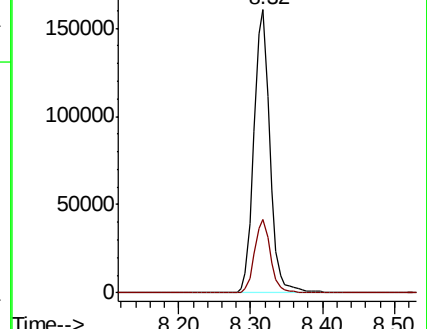
63 100

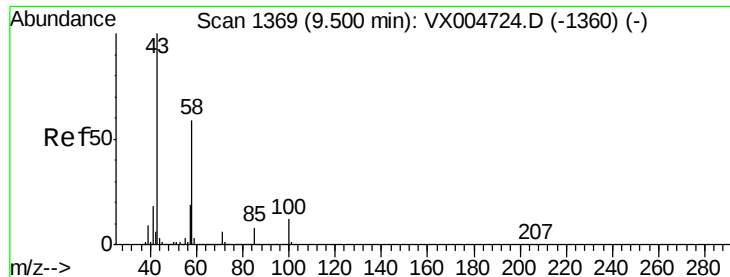
106 26.2 23.9 35.9



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

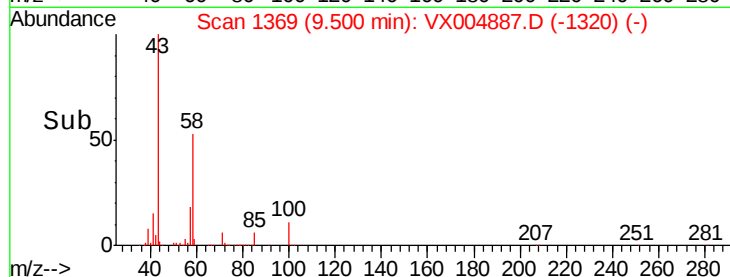
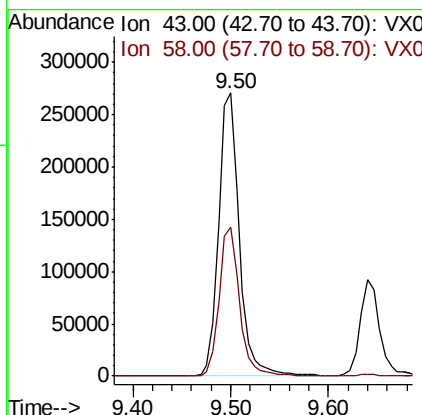
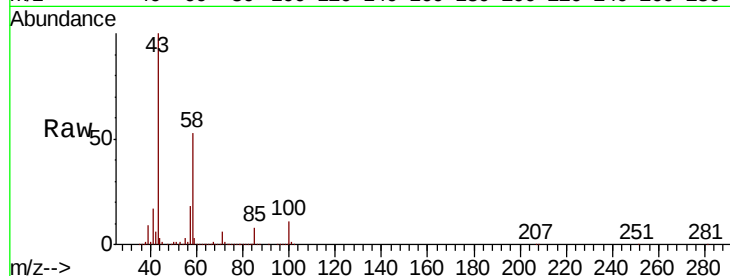




#59
2-Hexanone
Concen: 105.521 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

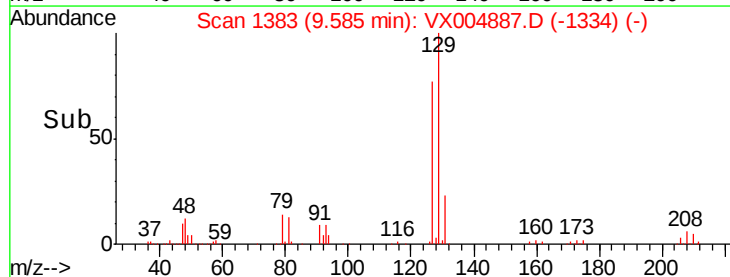
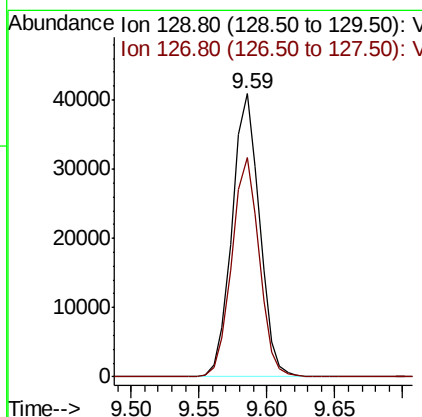
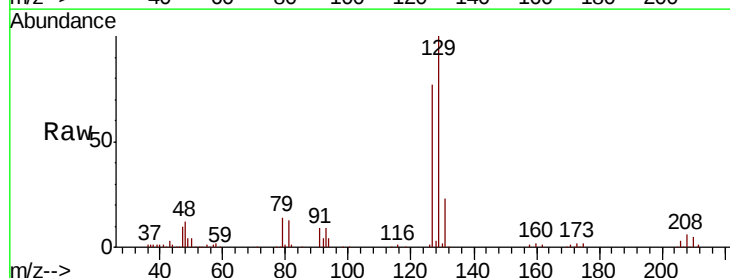
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS02

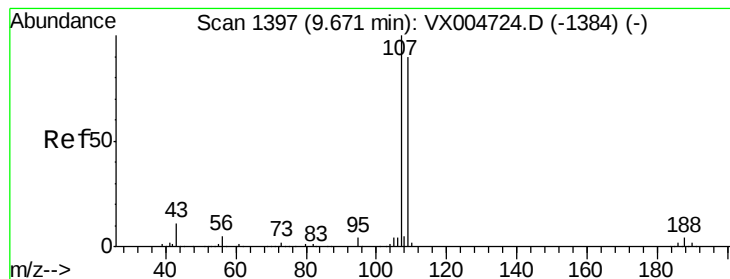
Tot Ion: 43 Resp: 398245
Ion Ratio Lower Upper
43 100
58 52.2 29.0 87.0



#60
Dibromochloromethane
Concen: 20.411 ug/l
RT: 9.59 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

Tgt Ion: 129 Resp: 57747
Ion Ratio Lower Upper
129 100
127 77.0 38.5 115.5





#61

1,2-Dibromoethane

Concen: 19.804 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

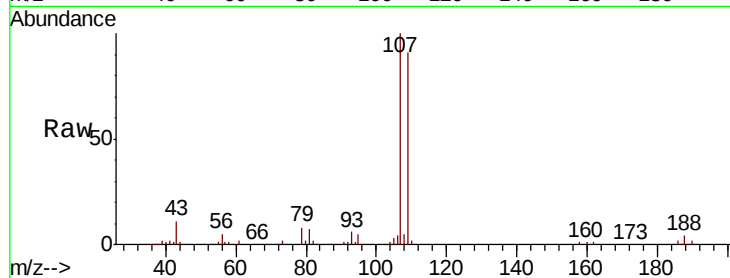
VX1001WBS02

Tot Ion:107 Resp: 60002

Ion Ratio Lower Upper

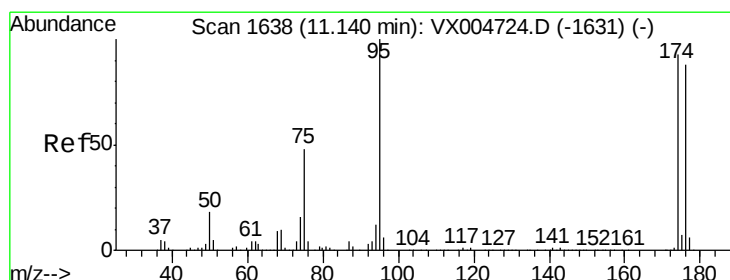
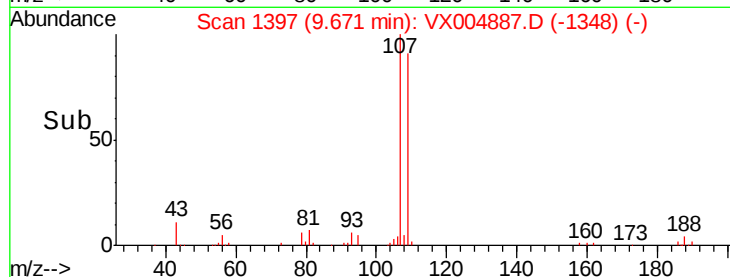
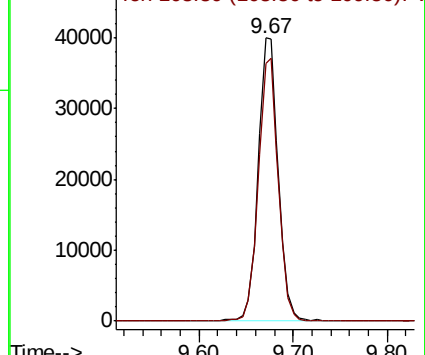
107 100

109 92.8 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.224 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

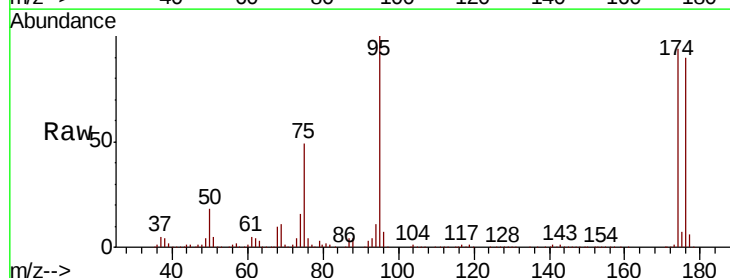
Tgt Ion: 95 Resp: 178700

Ion Ratio Lower Upper

95 100

174 91.2 0.0 185.2

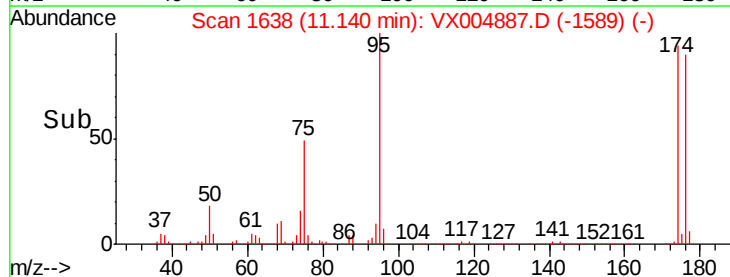
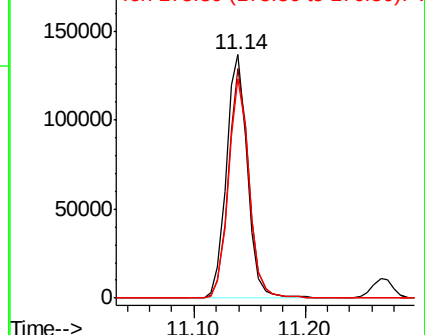
176 88.5 0.0 178.6

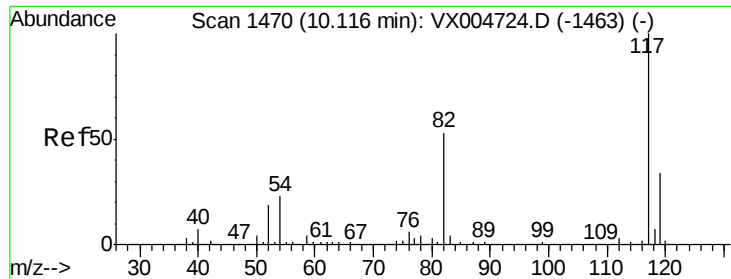


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

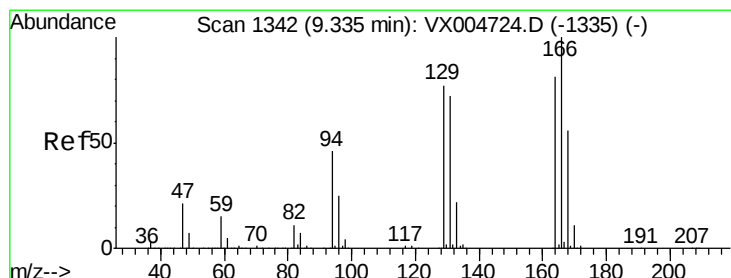
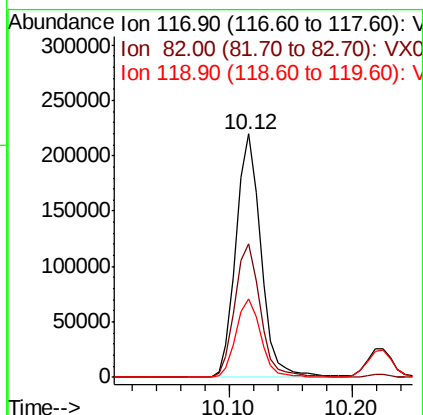
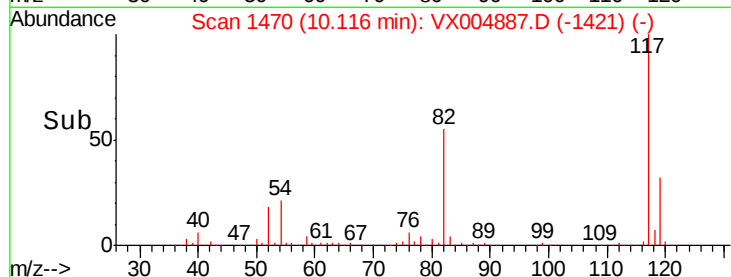
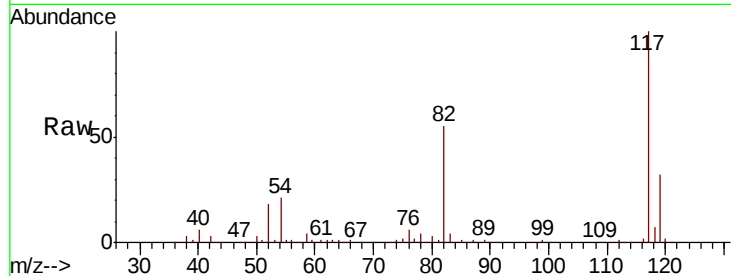




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

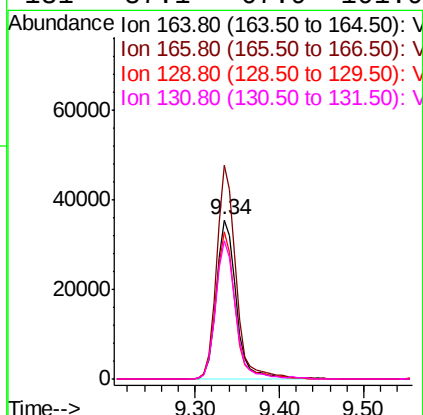
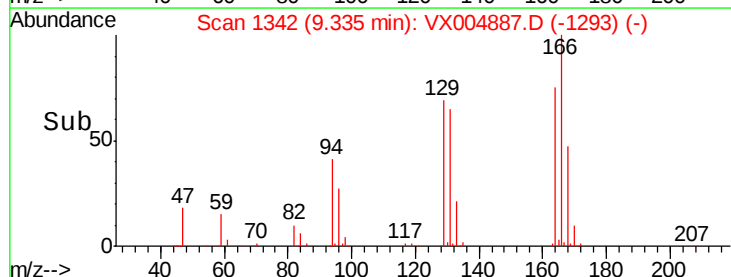
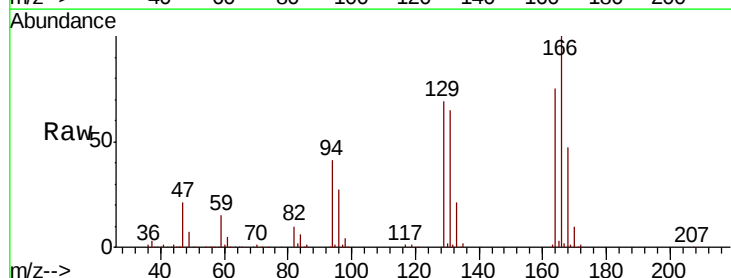
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS02

Tot Ion:117 Resp: 310280
Ion Ratio Lower Upper
117 100
82 54.8 47.8 71.6
119 32.2 29.3 43.9



#64
Tetrachloroethene
Concen: 19.171 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. -0.00 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

Tgt Ion:164 Resp: 58544
Ion Ratio Lower Upper
164 100
166 134.1 102.8 154.2
129 92.8 69.4 104.0
131 87.1 67.9 101.9

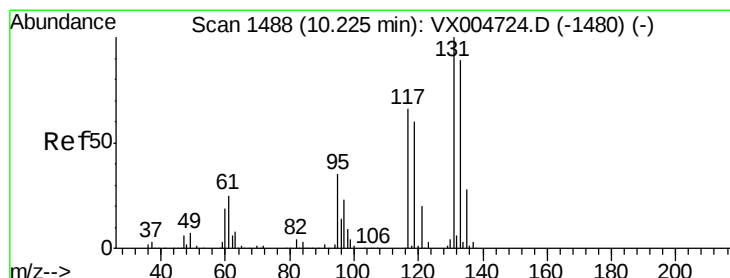
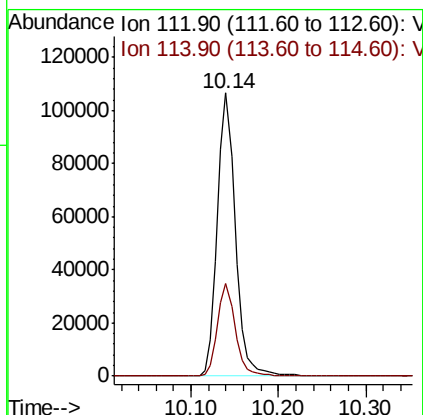
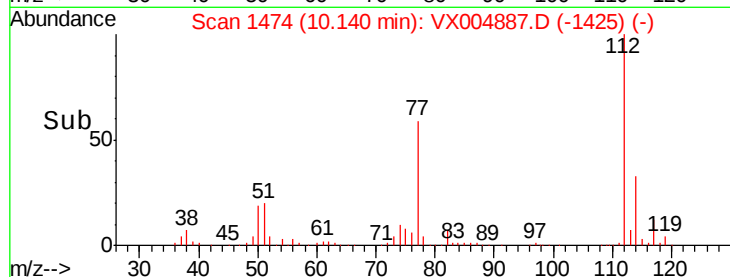
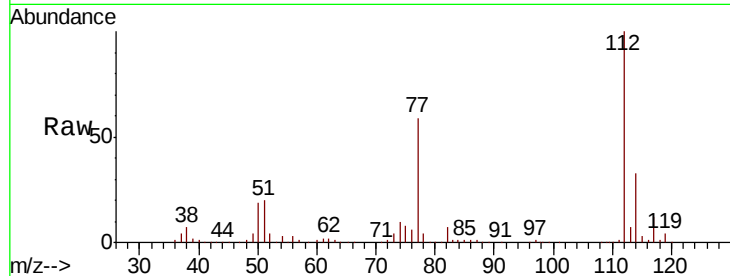




#65
Chlorobenzene
Concen: 19.154 ug/l
RT: 10.14 min Scan# 1474
Delta R.T. -0.00 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

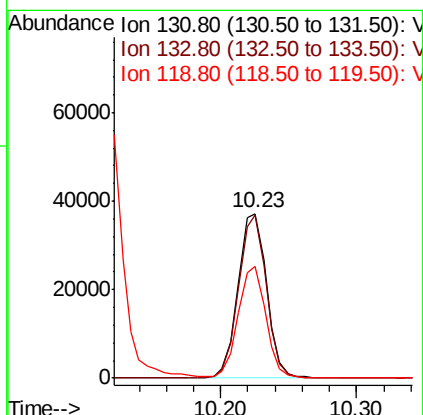
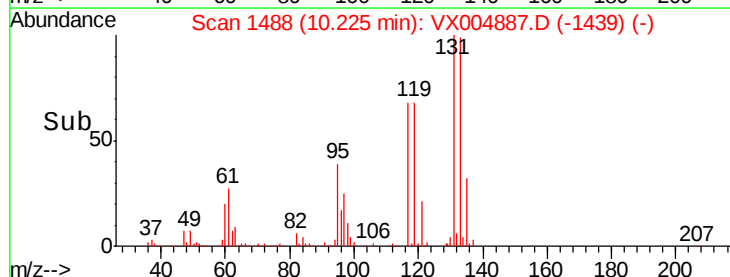
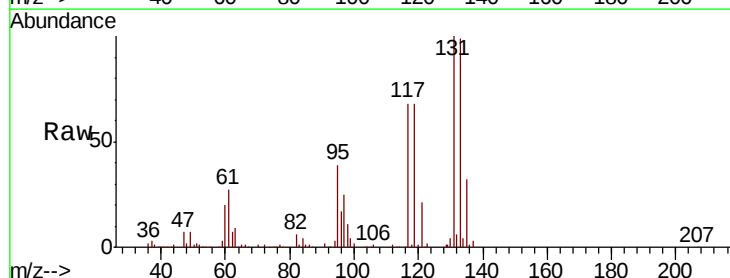
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS02

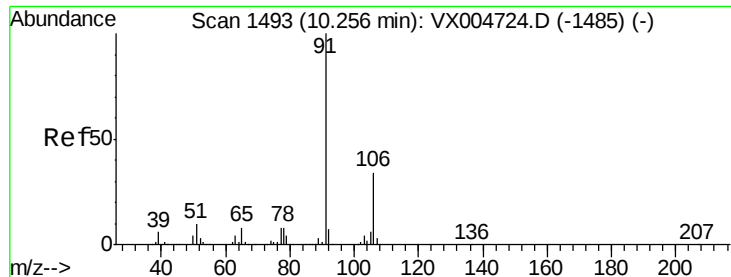
Tot Ion:112 Resp: 152398
Ion Ratio Lower Upper
112 100
114 32.6 27.8 41.8



#66
1,1,1,2-Tetrachloroethane
Concen: 19.531 ug/l
RT: 10.23 min Scan# 1488
Delta R.T. -0.00 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

Tgt Ion:131 Resp: 54631
Ion Ratio Lower Upper
131 100
133 95.7 48.1 144.4
119 66.2 32.9 98.6

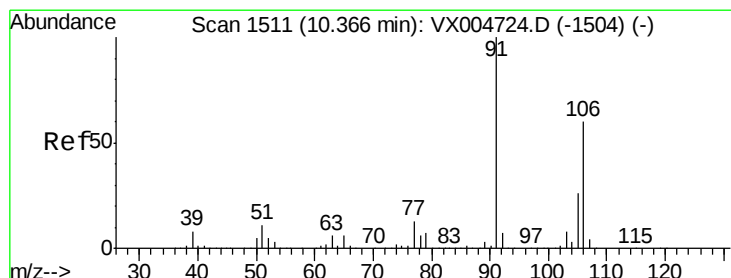
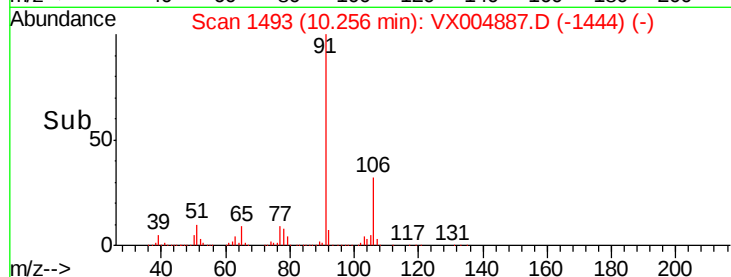
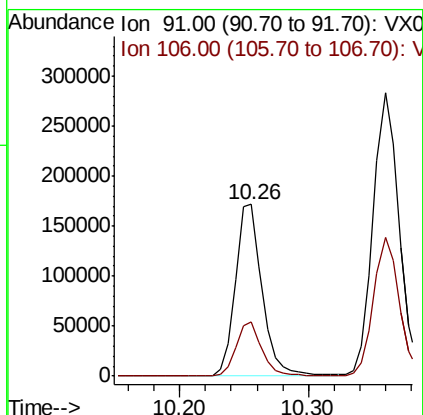
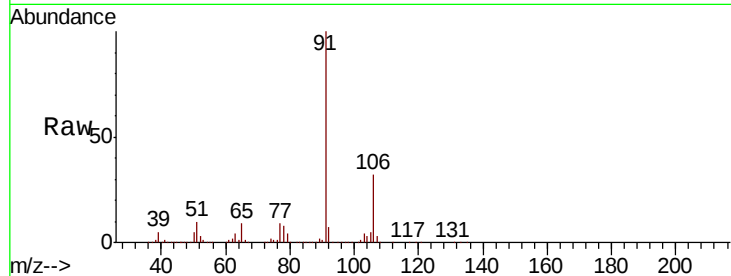




#67
Ethyl Benzene
Concen: 19.730 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. -0.00 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

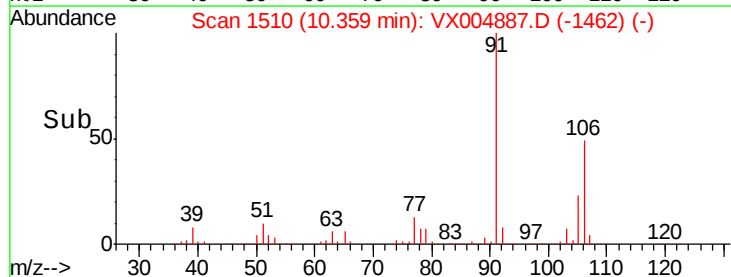
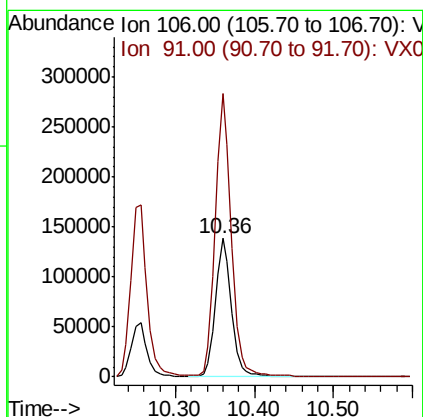
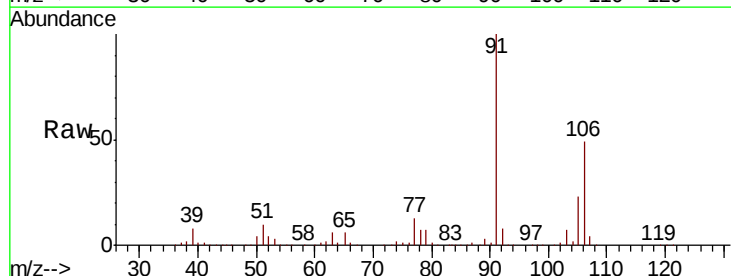
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS02

Tot Ion: 91 Resp: 249227
Ion Ratio Lower Upper
91 100
106 31.7 25.9 38.9



#68
m/p-Xylenes
Concen: 39.870 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. -0.01 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

Tgt Ion: 106 Resp: 196804
Ion Ratio Lower Upper
106 100
91 205.6 157.1 235.7

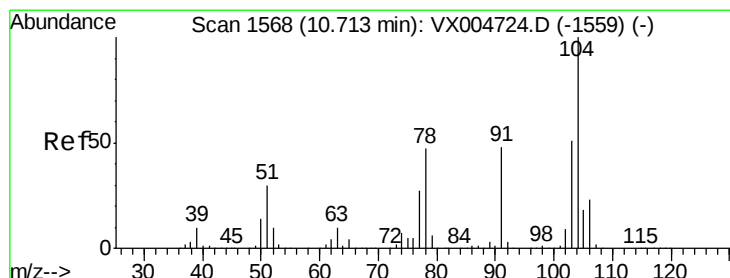
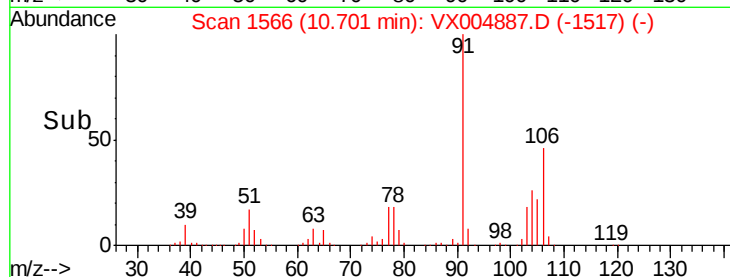
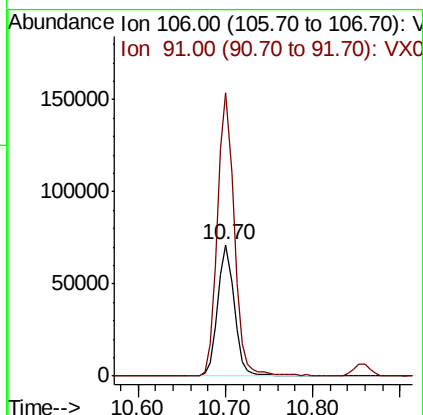
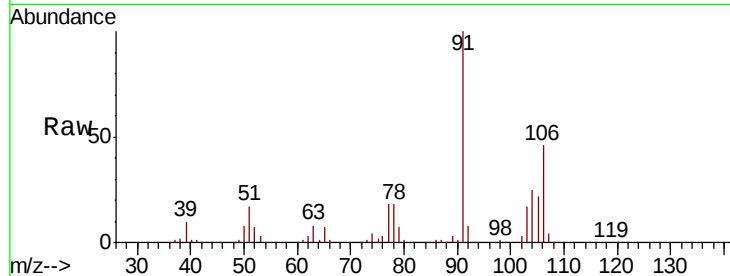




#69
o-Xylene
Concen: 20.697 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. -0.00 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

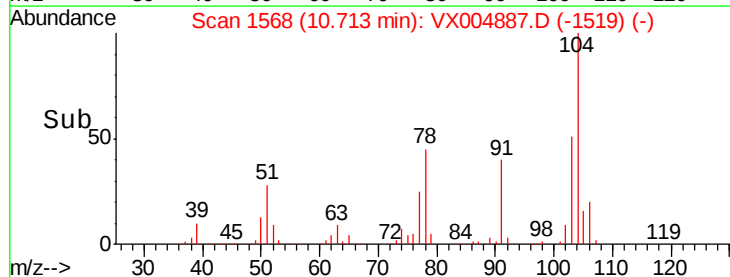
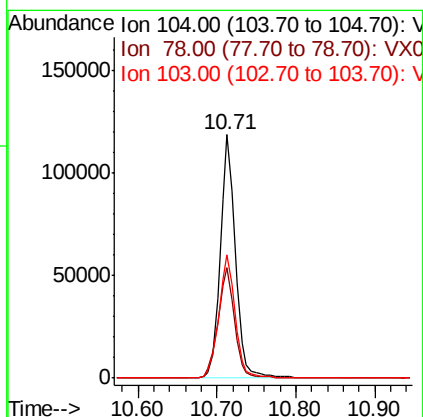
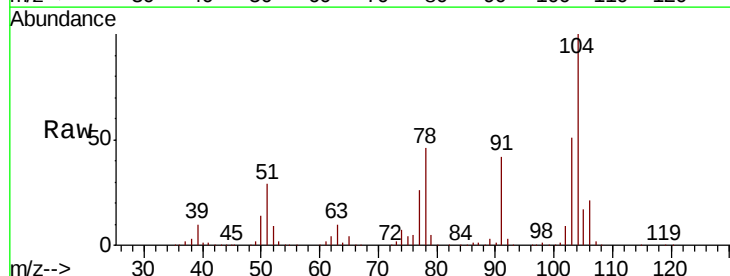
Instrument :
MSVOA_X
ClientSampleId :
VX1001WBS02

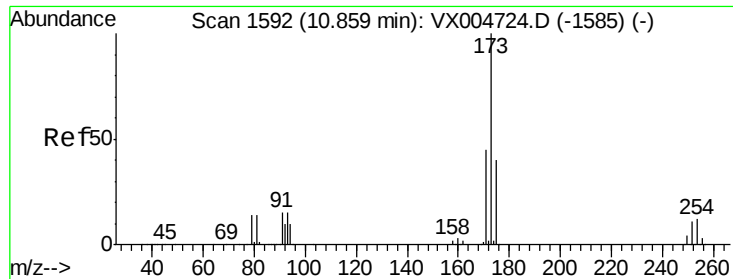
Tot Ion:106 Resp: 93837
Ion Ratio Lower Upper
106 100
91 217.2 105.1 315.1



#70
Styrene
Concen: 20.115 ug/l
RT: 10.71 min Scan# 1568
Delta R.T. 0.00 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

Tgt Ion:104 Resp: 159232
Ion Ratio Lower Upper
104 100
78 50.3 37.4 56.0
103 55.2 43.8 65.6





#71

Bromoform

Concen: 18.712 ug/l

RT: 10.86 min Scan# 1592

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS02

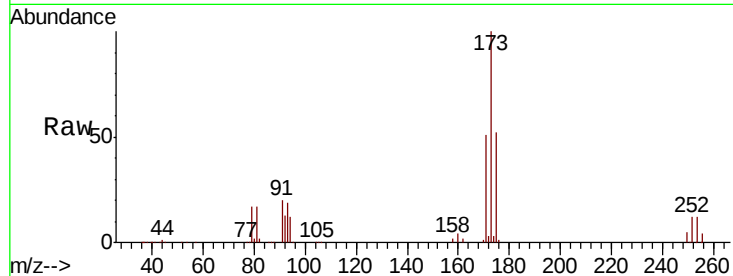
Tot Ion:173 Resp: 44811

Ion Ratio Lower Upper

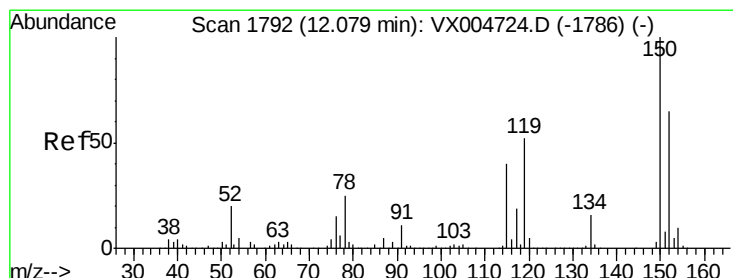
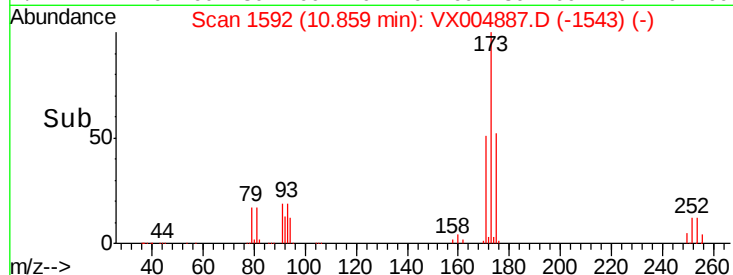
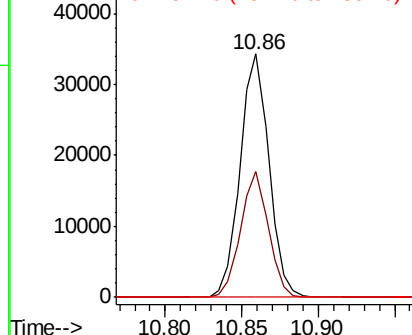
173 100

175 49.9 24.1 72.3

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

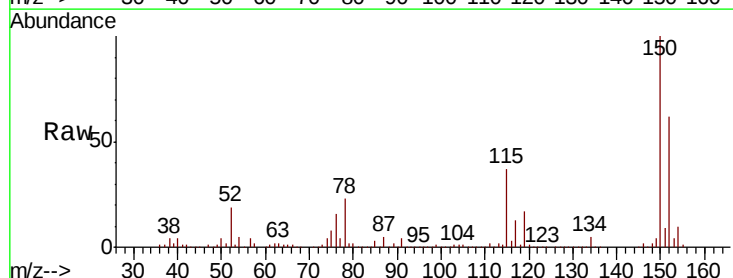
Tgt Ion:152 Resp: 187085

Ion Ratio Lower Upper

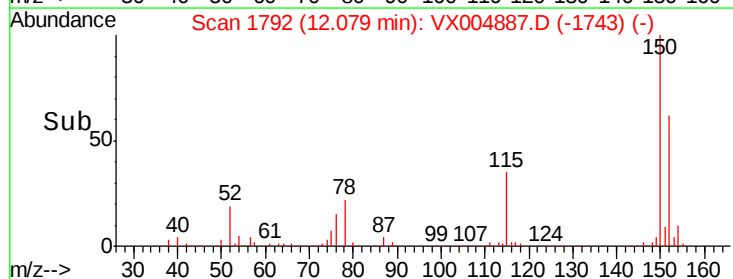
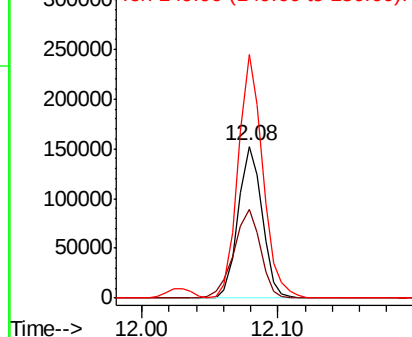
152 100

115 65.1 39.0 117.0

150 164.7 0.0 351.0



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 21.539 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

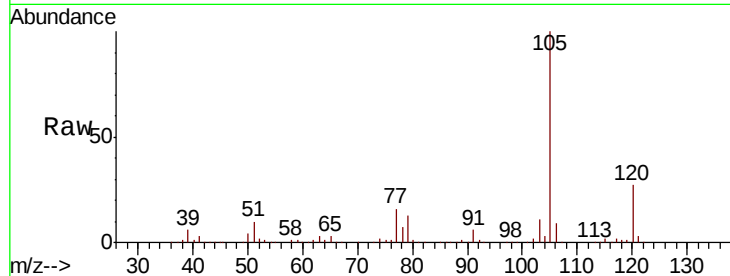
VX1001WBS02

Tot Ion: 105 Resp: 253987

Ion Ratio Lower Upper

105 100

120 26.6 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

200000

150000

100000

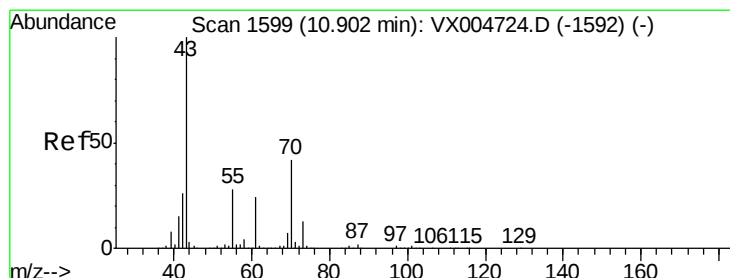
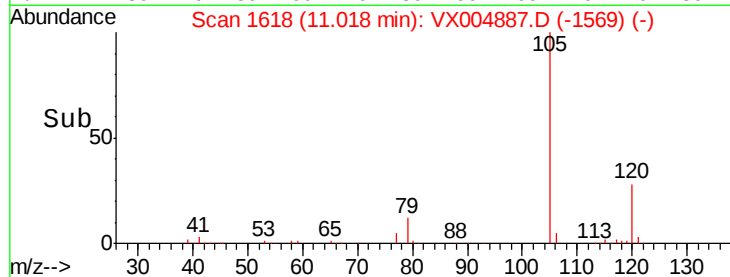
50000

0

11.02

11.10

Time-->



#74

N-ethyl acetate

Concen: 19.366 ug/l

RT: 10.90 min Scan# 1599

Delta R.T. 0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Tgt Ion: 43 Resp: 118326

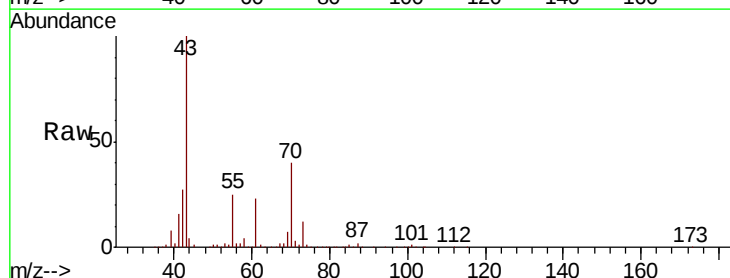
Ion Ratio Lower Upper

43 100

70 40.5 37.4 56.0

55 26.3 21.8 32.8

61 23.2 20.6 30.8



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

100000

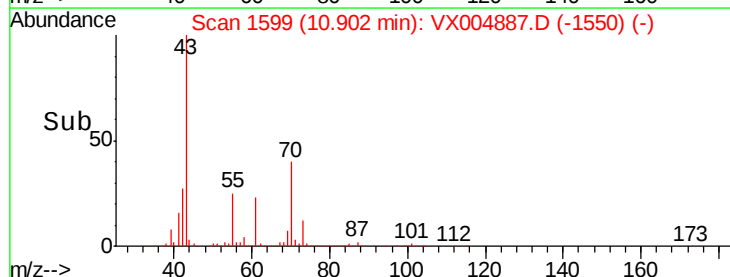
50000

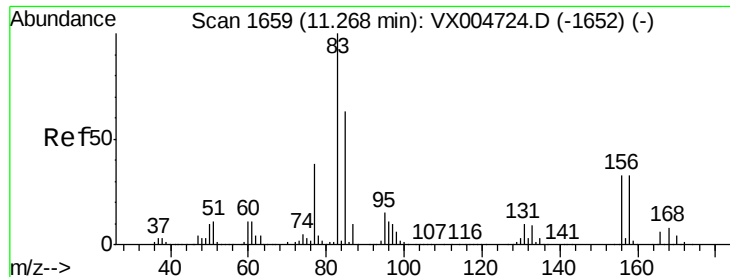
0

10.90

11.00

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 19.672 ug/l

RT: 11.27 min Scan# 1659

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS02

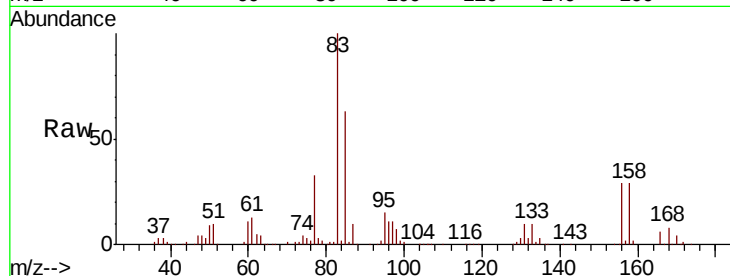
Tot Ion: 83 Resp: 94431

Ion Ratio Lower Upper

83 100

131 10.5 5.2 15.6

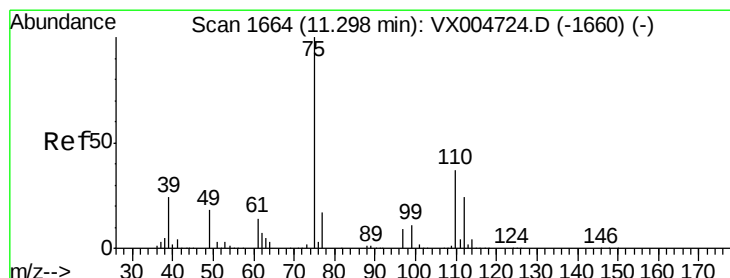
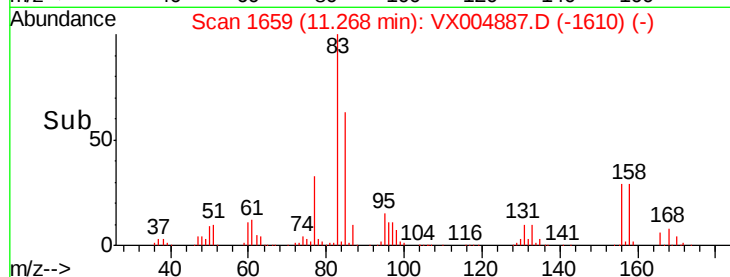
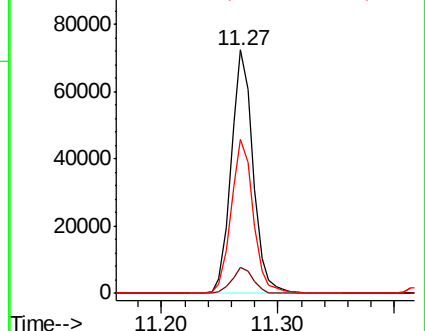
85 64.0 32.3 96.8



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.645 ug/l

RT: 11.30 min Scan# 1664

Delta R.T. -0.00 min

Lab File: VX004887.D

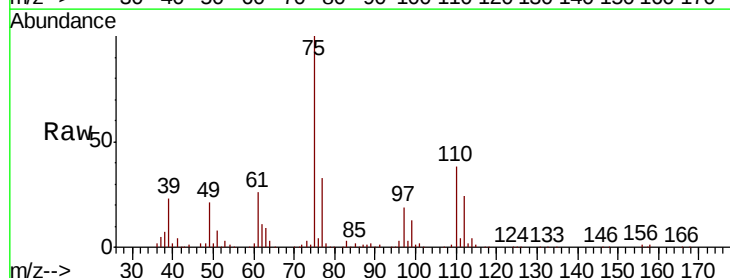
Acq: 01 Oct 2018 23:30

Tgt Ion: 75 Resp: 103344

Ion Ratio Lower Upper

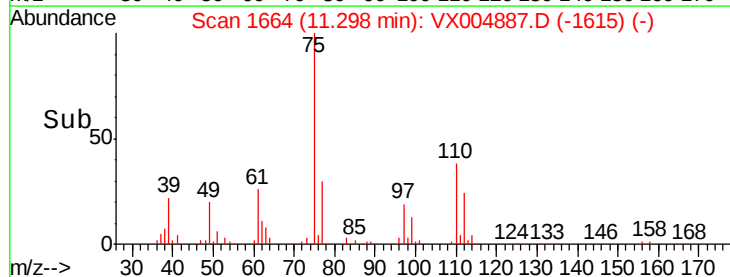
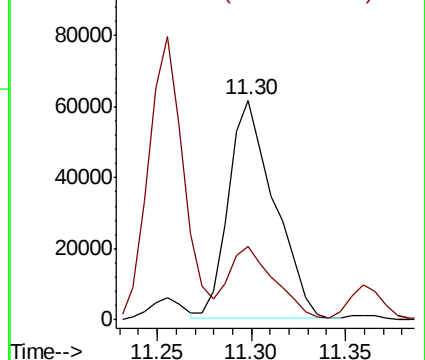
75 100

77 33.6 20.2 60.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.538 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS02

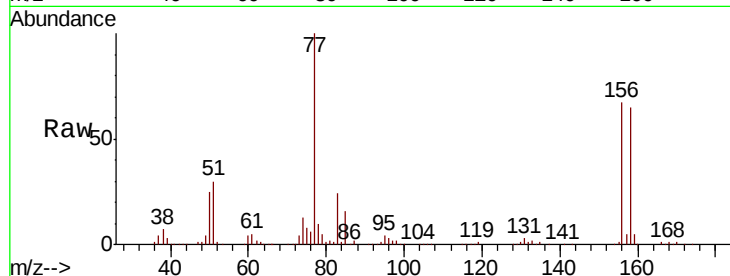
Tot Ion:156 Resp: 70344

Ion Ratio Lower Upper

156 100

77 147.6 71.5 214.3

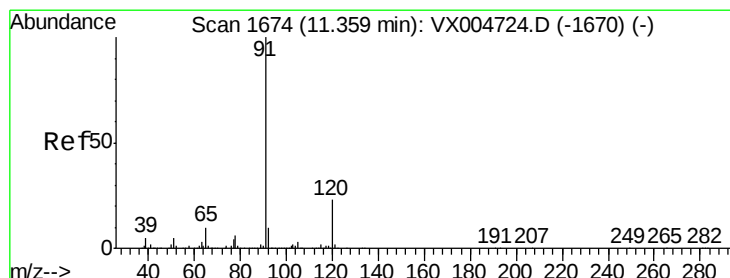
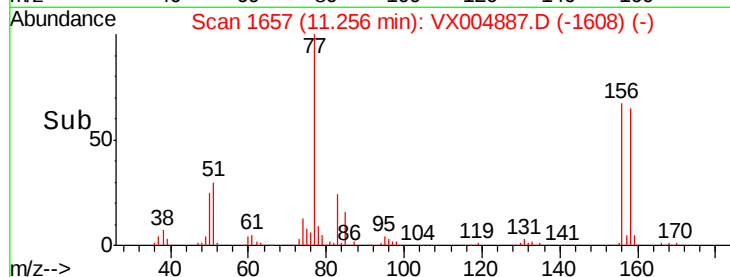
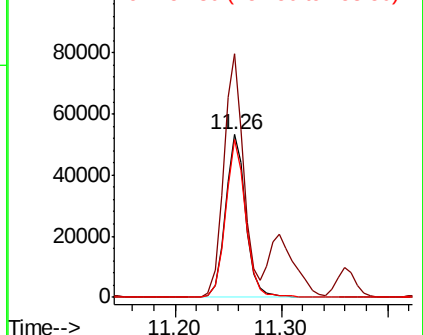
158 96.7 48.9 146.8



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 21.434 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004887.D

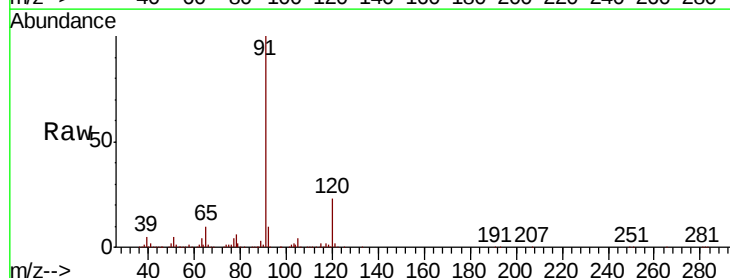
Acq: 01 Oct 2018 23:30

Tgt Ion: 91 Resp: 290007

Ion Ratio Lower Upper

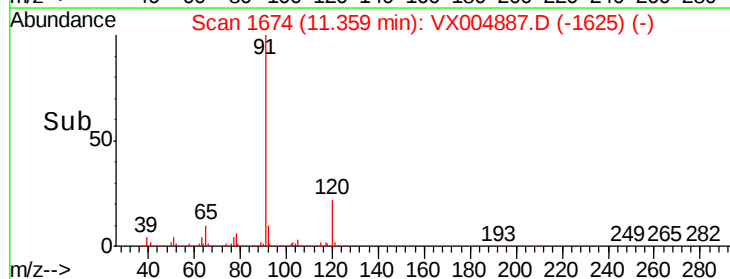
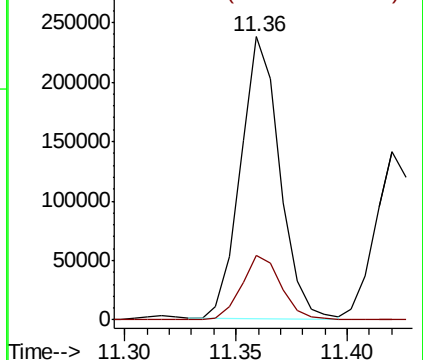
91 100

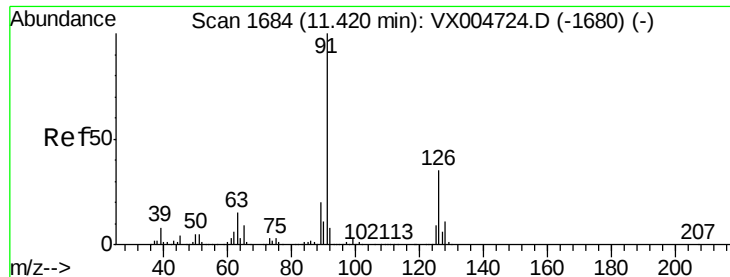
120 23.5 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

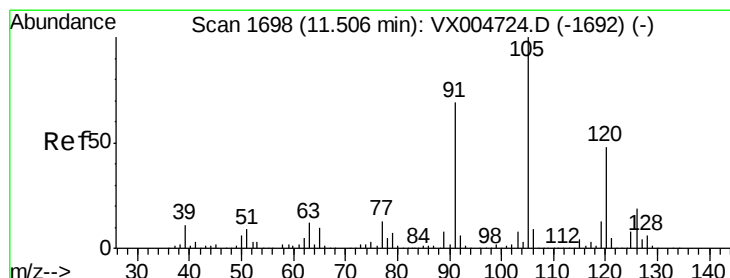
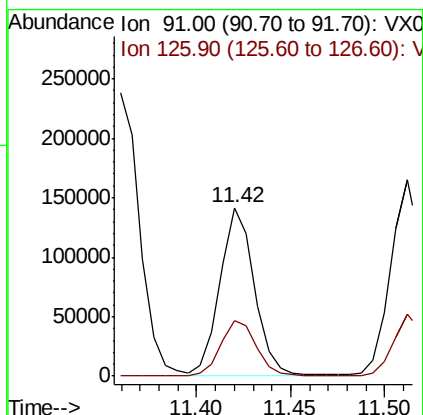
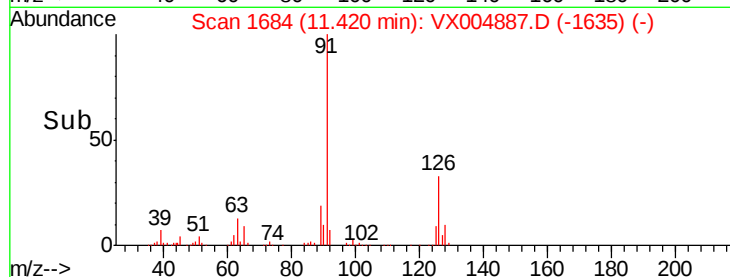
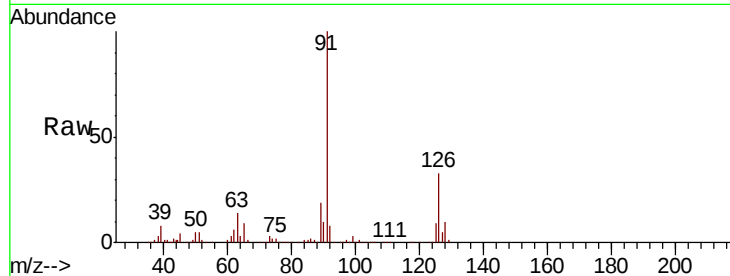




#79
 2-Chlorotoluene
 Concen: 21.212 ug/l
 RT: 11.42 min Scan# 1684
 Delta R.T. -0.00 min
 Lab File: VX004887.D
 Acq: 01 Oct 2018 23:30

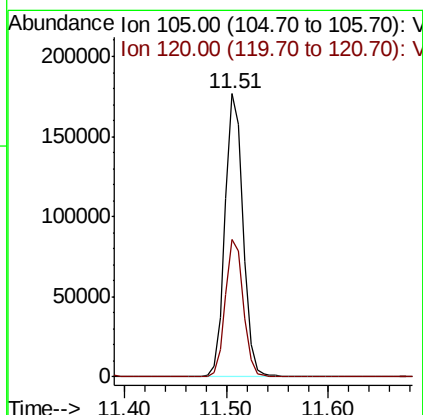
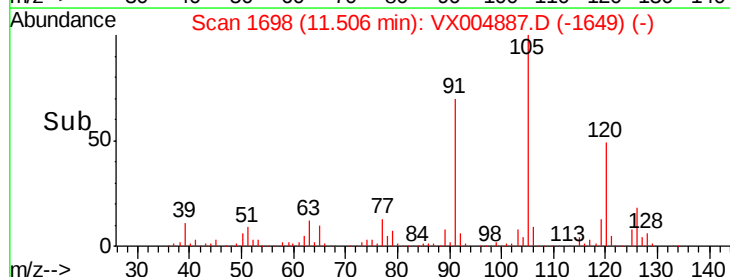
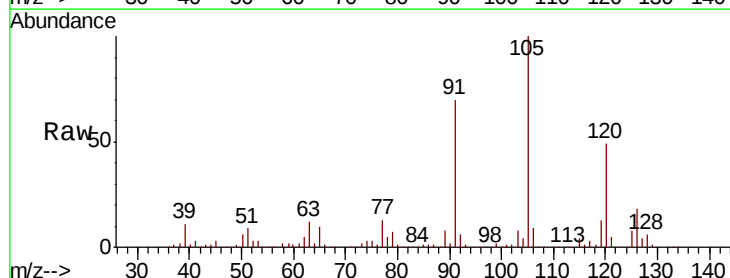
Instrument :
 MSVOA_X
 ClientSampled :
 VX1001WBS02

Tot Ion: 91 Resp: 178893
 Ion Ratio Lower Upper
 91 100
 126 34.5 17.9 53.7



#80
 1,3,5-Trimethylbenzene
 Concen: 19.859 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004887.D
 Acq: 01 Oct 2018 23:30

Tgt Ion: 105 Resp: 215923
 Ion Ratio Lower Upper
 105 100
 120 48.7 25.6 76.8





#81

trans-1,4-Dichloro-2-butene

Concen: 16.235 ug/l

RT: 11.07 min Scan# 1627

Delta R.T. -0.01 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS02

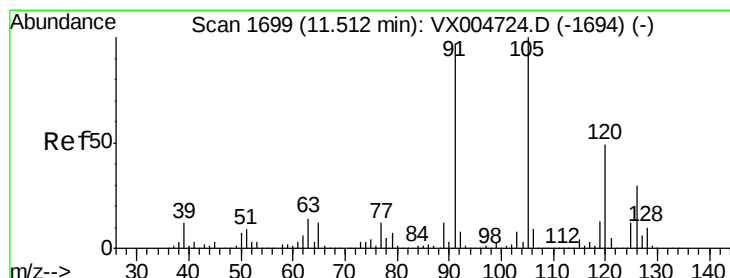
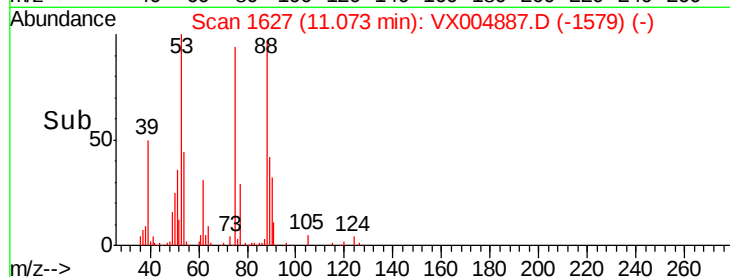
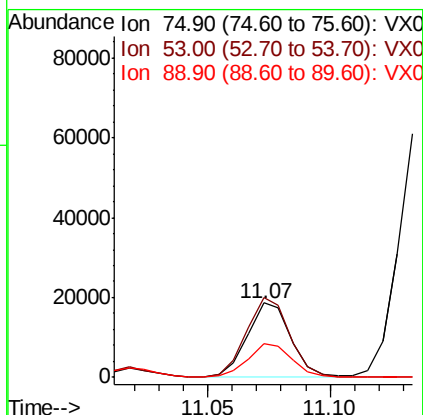
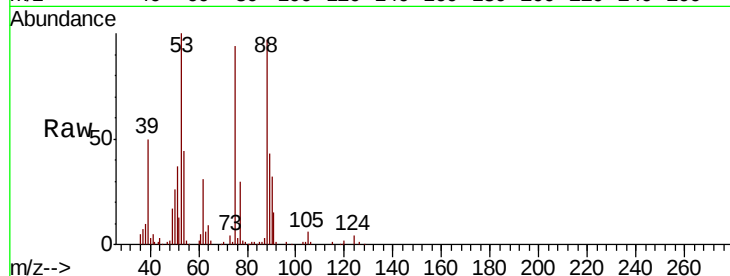
Tot Ion: 75 Resp: 22811

Ion Ratio Lower Upper

75 100

53 107.9 80.1 120.1

89 46.3 37.2 55.8



#82

4-Chlorotoluene

Concen: 21.031 ug/l

RT: 11.51 min Scan# 1699

Delta R.T. -0.00 min

Lab File: VX004887.D

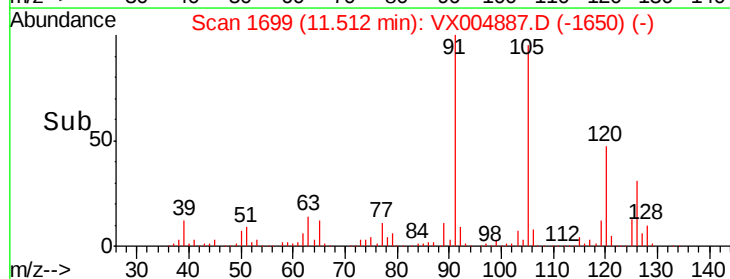
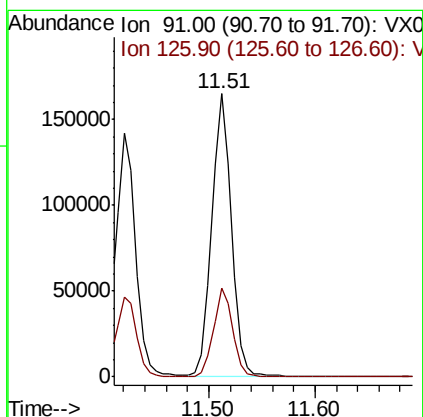
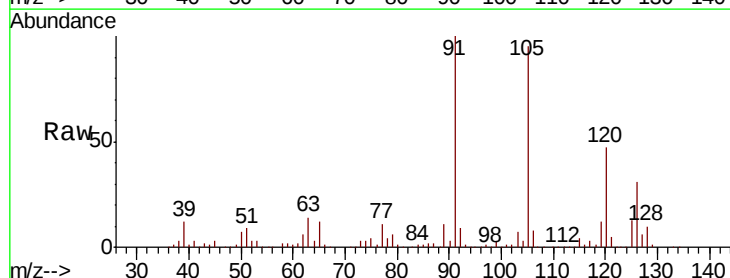
Acq: 01 Oct 2018 23:30

Tgt Ion: 91 Resp: 208772

Ion Ratio Lower Upper

91 100

126 30.9 15.5 46.5

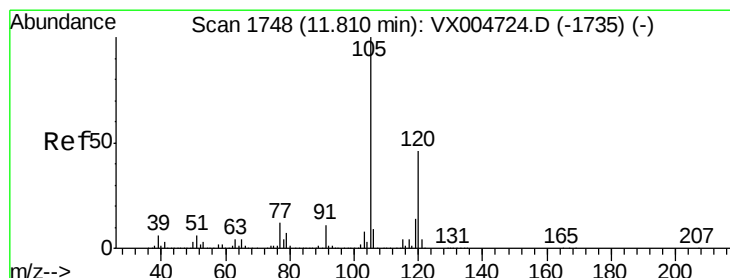
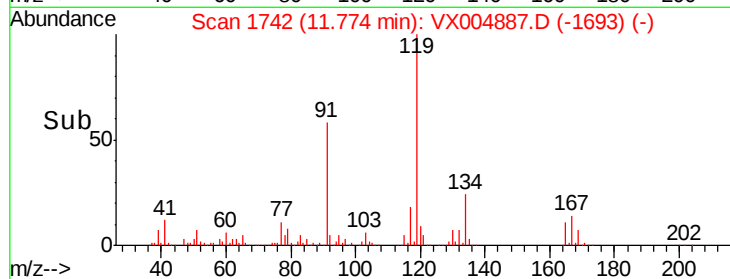
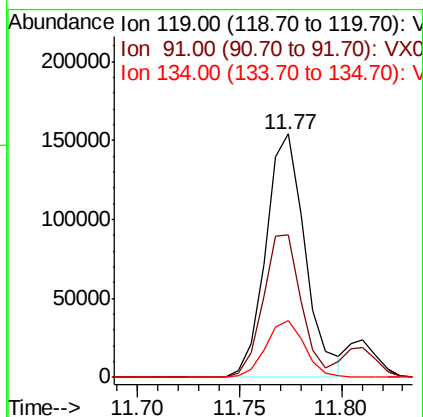
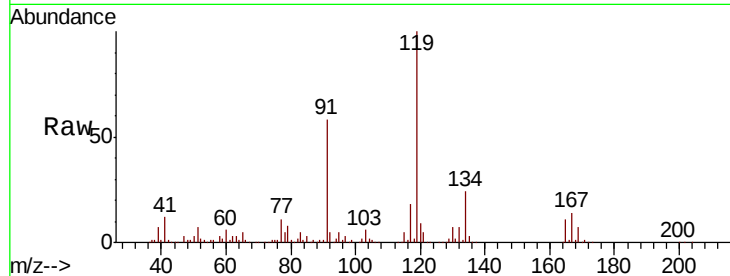




#83
 tert-Butylbenzene
 Concen: 21.399 ug/l
 RT: 11.77 min Scan# 1742
 Delta R.T. -0.00 min
 Lab File: VX004887.D
 Acq: 01 Oct 2018 23:30

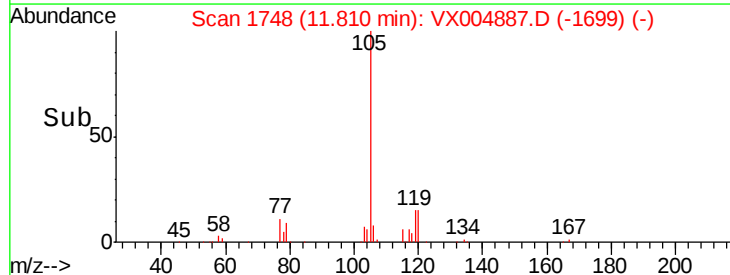
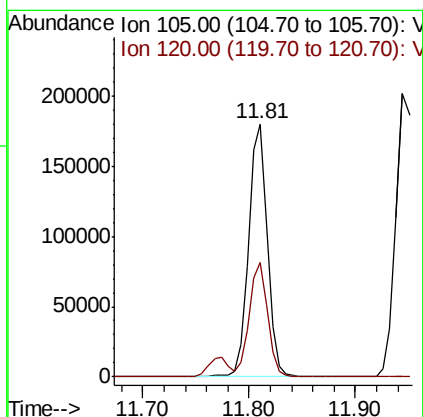
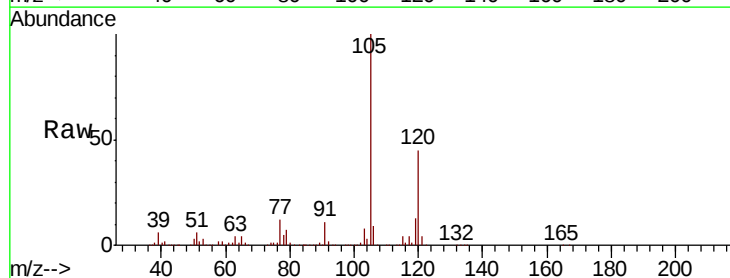
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBS02

Tot Ion:119 Resp: 207757
 Ion Ratio Lower Upper
 119 100
 91 56.6 27.0 81.0
 134 23.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.836 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. 0.00 min
 Lab File: VX004887.D
 Acq: 01 Oct 2018 23:30

Tgt Ion:105 Resp: 222421
 Ion Ratio Lower Upper
 105 100
 120 44.7 23.2 69.6





#85

sec-Butylbenzene

Concen: 21.282 ug/l

RT: 11.94 min Scan# 1770

Delta R.T. -0.01 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

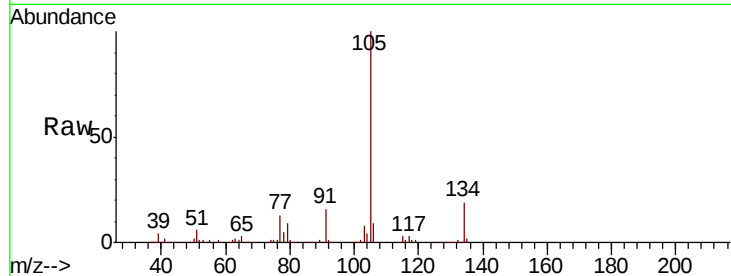
VX1001WBS02

Tot Ion:105 Resp: 251676

Ion Ratio Lower Upper

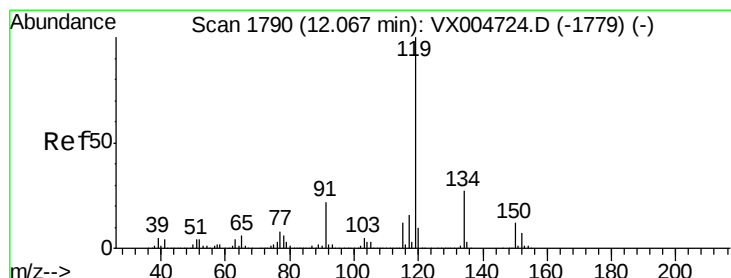
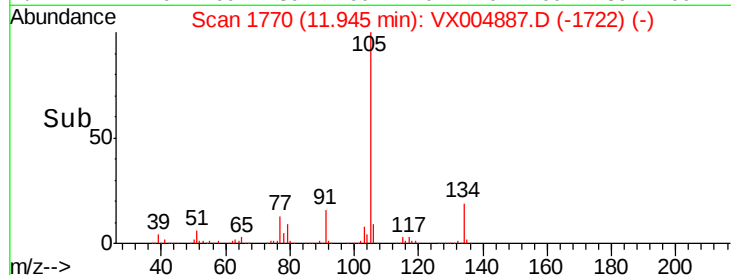
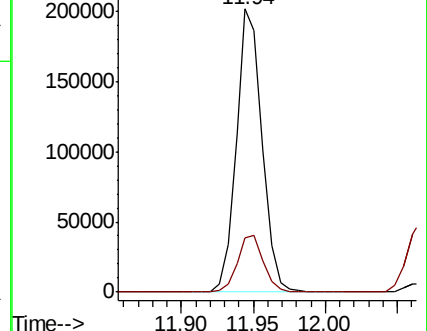
105 100

134 20.3 10.5 31.5



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 20.948 ug/l

RT: 12.07 min Scan# 1790

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

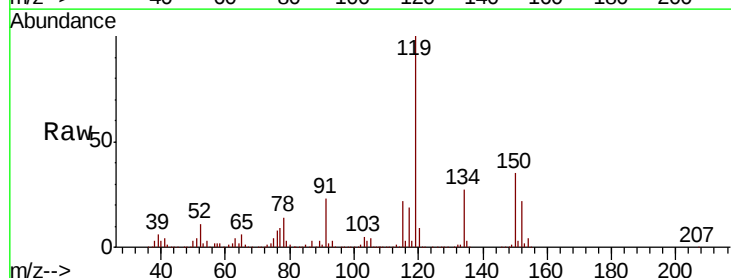
Tgt Ion:119 Resp: 224437

Ion Ratio Lower Upper

119 100

134 26.4 13.4 40.2

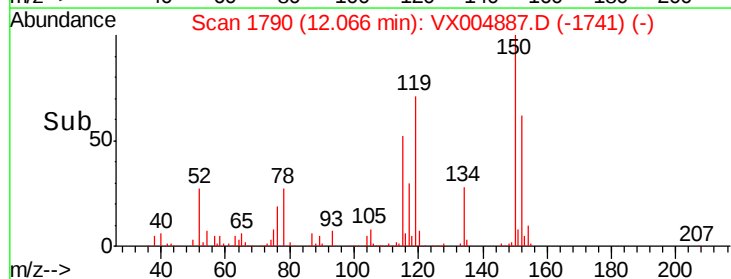
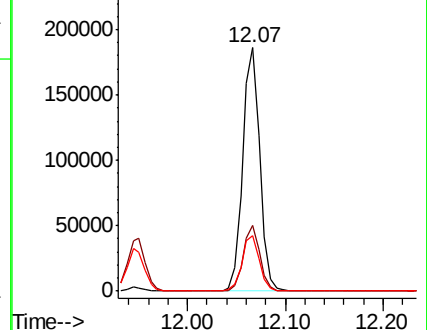
91 23.2 10.9 32.7

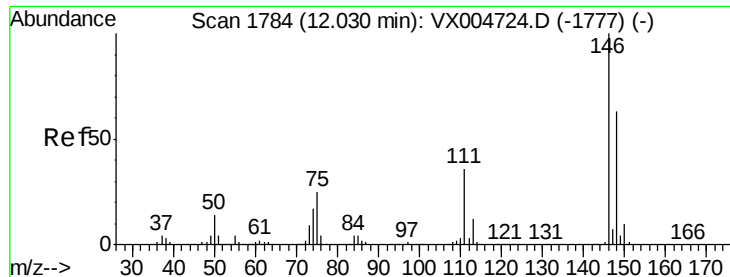


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0





#87

1,3-Dichlorobenzene

Concen: 19.912 ug/l

RT: 12.02 min Scan# 1783

Delta R.T. -0.01 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS02

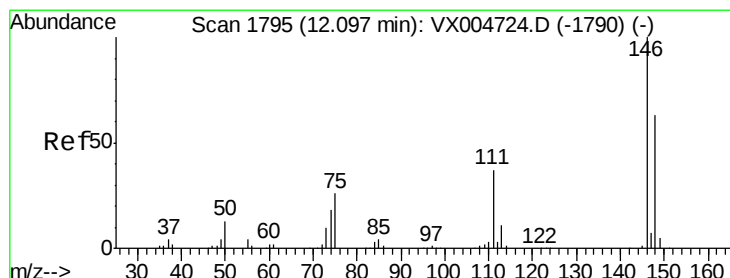
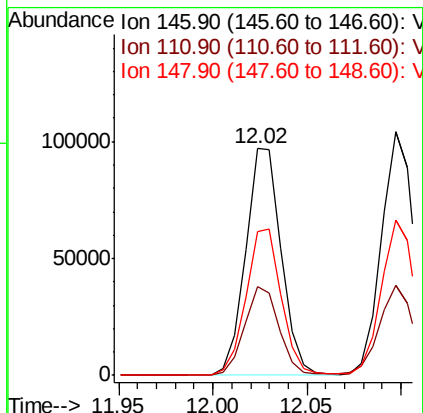
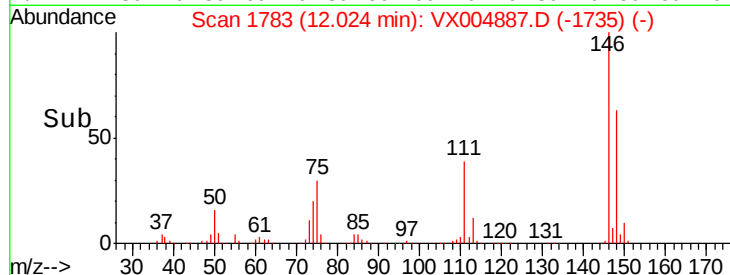
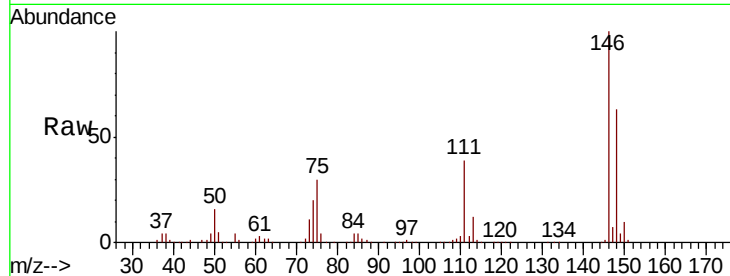
Tot Ion:146 Resp: 127353

Ion Ratio Lower Upper

146 100

111 37.9 18.7 56.1

148 64.1 32.1 96.5



#88

1,4-Dichlorobenzene

Concen: 19.657 ug/l

RT: 12.10 min Scan# 1795

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

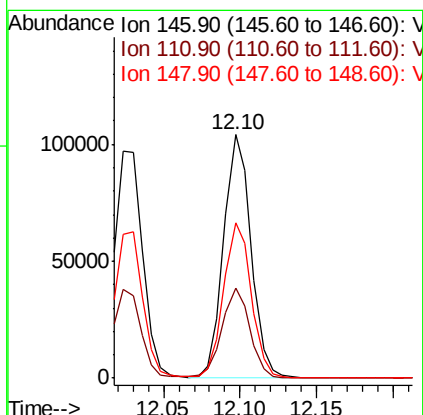
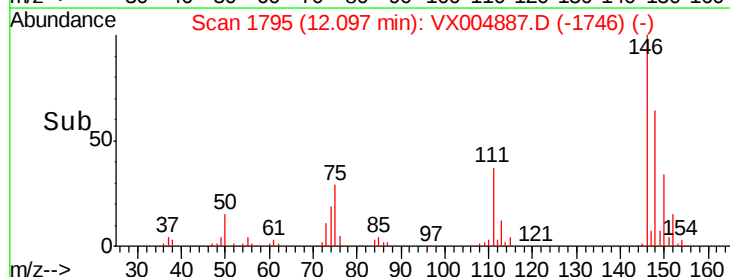
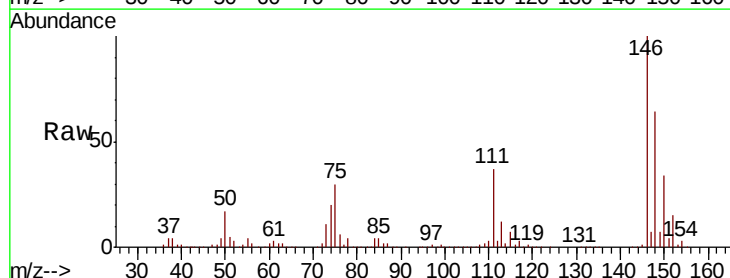
Tgt Ion:146 Resp: 129784

Ion Ratio Lower Upper

146 100

111 37.9 18.1 54.1

148 64.8 32.0 96.0

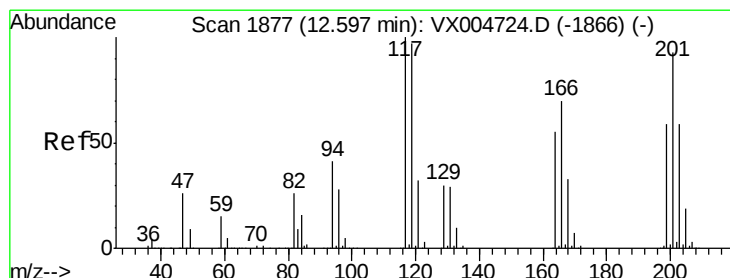
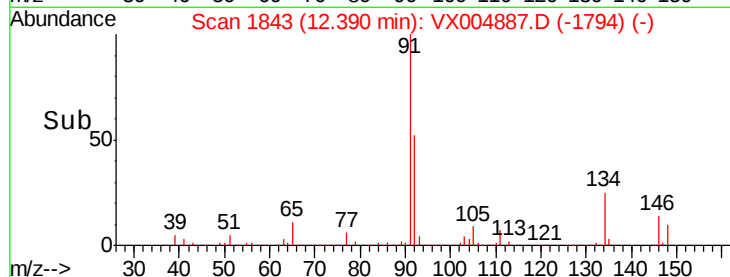
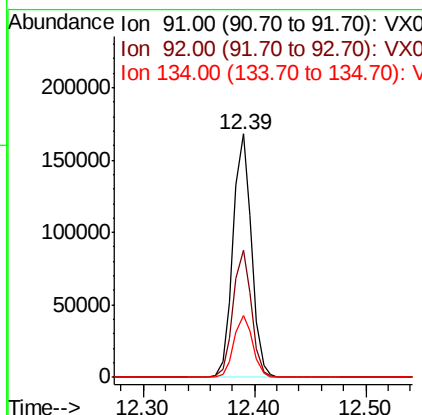
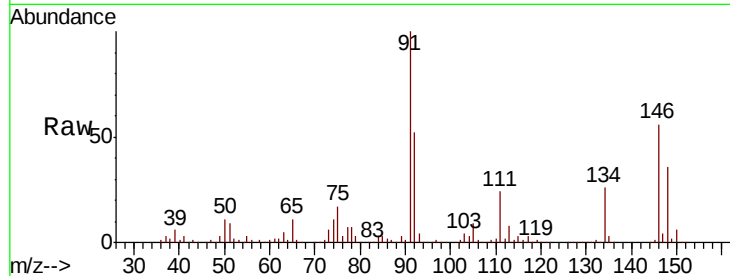




#89
n-Butylbenzene
Concen: 19.820 ug/l
RT: 12.39 min Scan# 1843
Delta R.T. -0.00 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

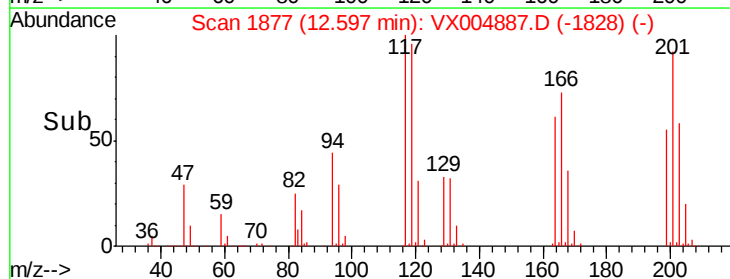
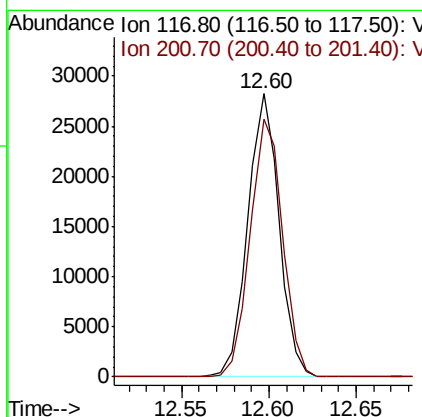
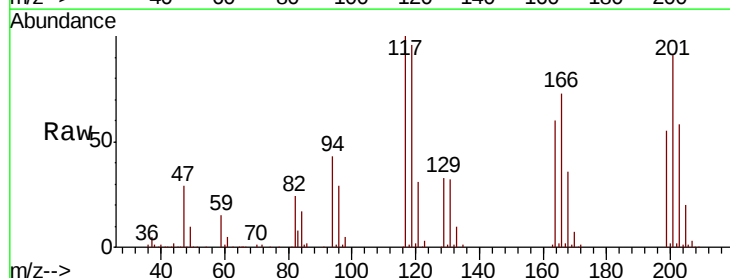
Instrument :
MSVOA_X
ClientSampled :
VX1001WBS02

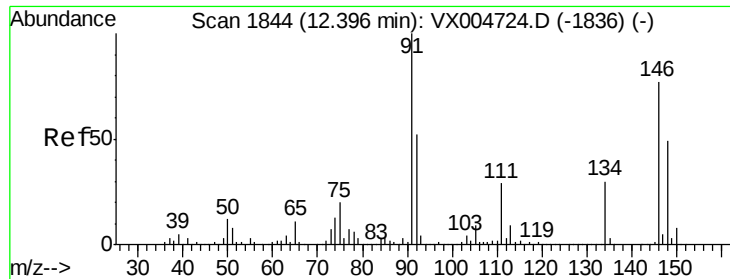
Tot Ion: 91 Resp: 192855
Ion Ratio Lower Upper
91 100
92 51.9 27.3 81.9
134 25.7 13.6 40.7



#90
Hexachloroethane
Concen: 19.608 ug/l
RT: 12.60 min Scan# 1877
Delta R.T. -0.00 min
Lab File: VX004887.D
Acq: 01 Oct 2018 23:30

Tgt Ion: 117 Resp: 34979
Ion Ratio Lower Upper
117 100
201 94.7 46.9 140.6





#91

1,2-Dichlorobenzene

Concen: 19.166 ug/l

RT: 12.40 min Scan# 1844

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Instrument :

MSVOA_X

ClientSampled :

VX1001WBS02

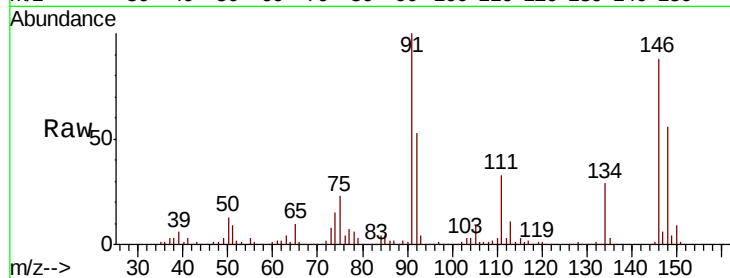
Tot Ion:146 Resp: 128100

Ion Ratio Lower Upper

146 100

111 39.4 19.4 58.1

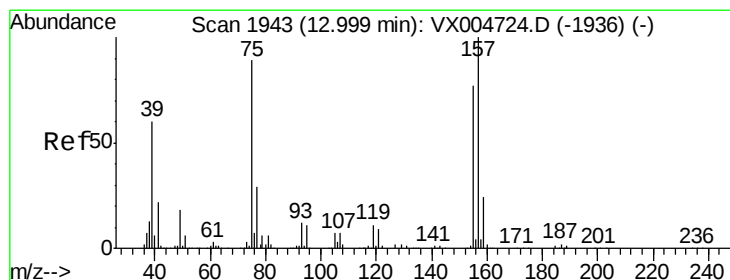
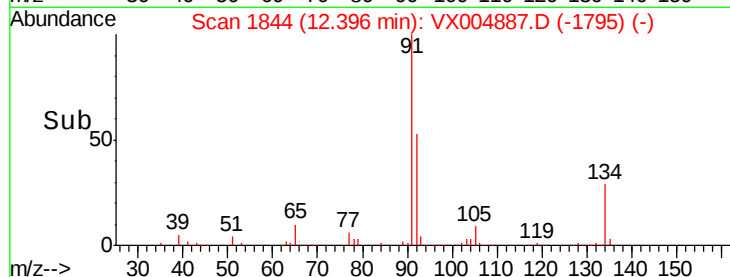
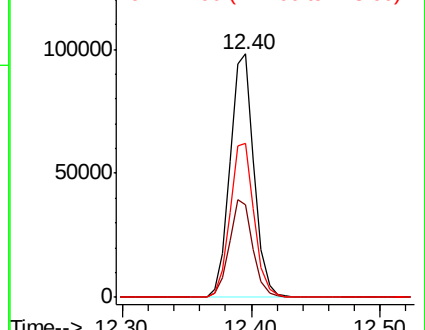
148 63.9 32.8 98.3



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



#92

1,2-Dibromo-3-Chloropropane

Concen: 20.235 ug/l

RT: 13.00 min Scan# 1943

Delta R.T. -0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

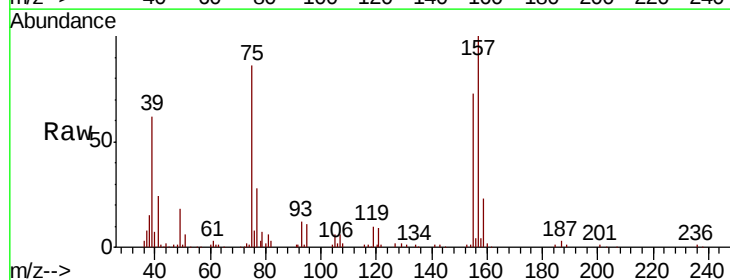
Tgt Ion: 75 Resp: 21327

Ion Ratio Lower Upper

75 100

155 88.3 48.0 144.2

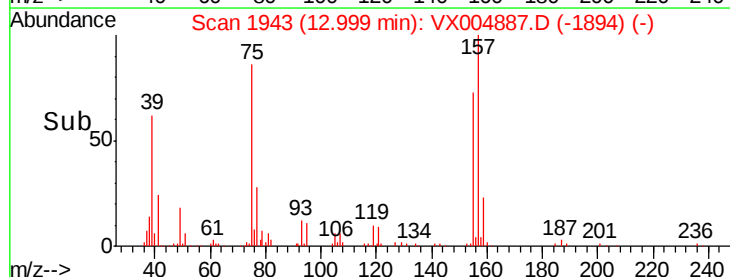
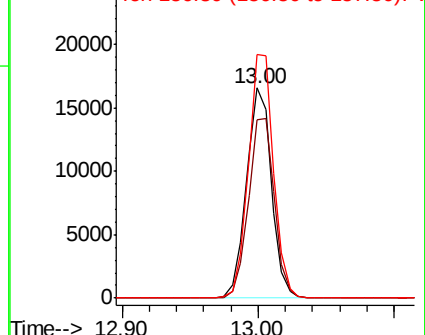
157 116.4 61.4 184.1

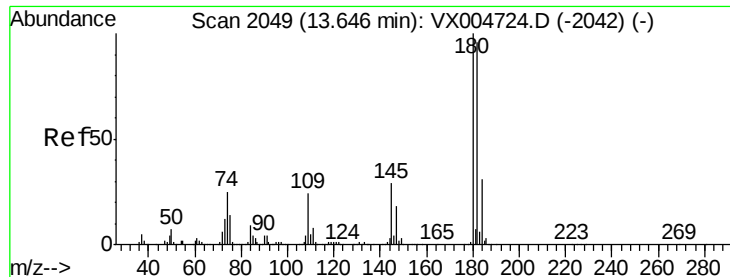


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

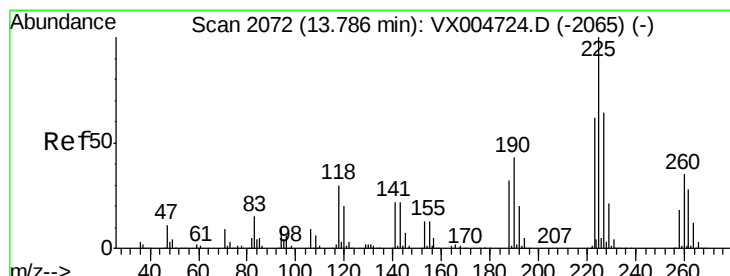
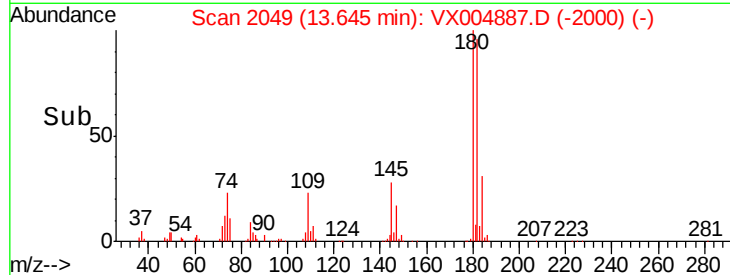
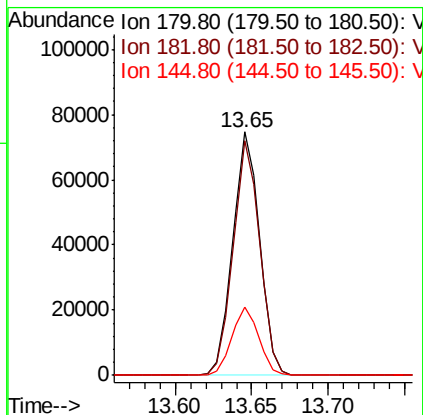
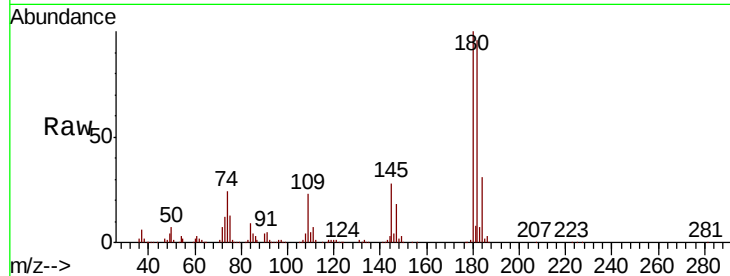




#93
 1,2,4-Trichlorobenzene
 Concen: 19.316 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004887.D
 Acq: 01 Oct 2018 23:30

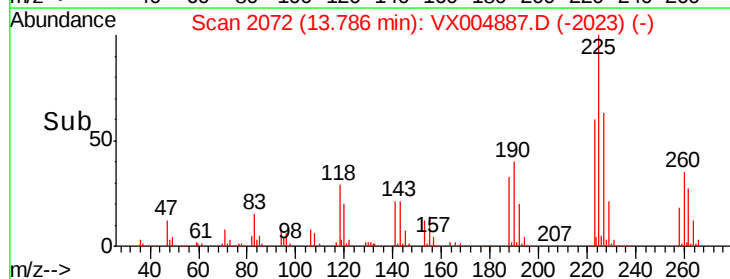
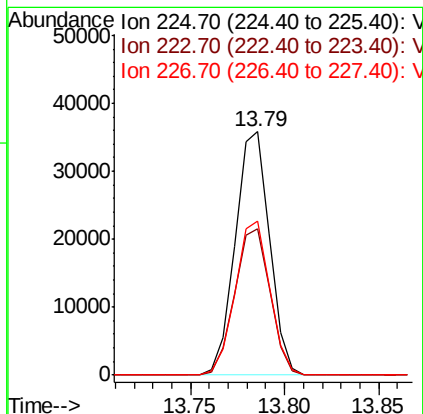
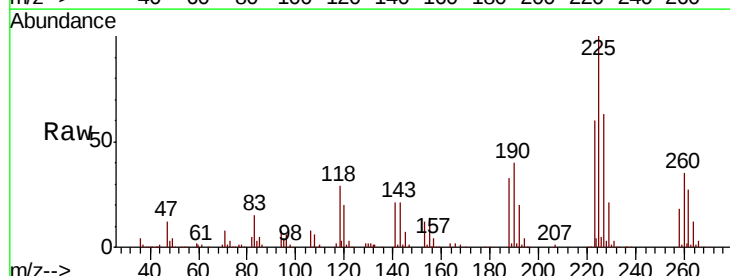
Instrument :
 MSVOA_X
 ClientSampleId :
 VX1001WBS02

Tot Ion:180 Resp: 90566
 Ion Ratio Lower Upper
 180 100
 182 95.6 48.4 145.0
 145 28.1 14.3 42.9



#94
 Hexachlorobutadiene
 Concen: 18.643 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004887.D
 Acq: 01 Oct 2018 23:30

Tgt Ion:225 Resp: 45326
 Ion Ratio Lower Upper
 225 100
 223 61.9 30.1 90.5
 227 63.7 30.8 92.4





#95

Naphthalene

Concen: 18.817 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

Instrument :

MSVOA_X

ClientSampleId :

VX1001WBS02

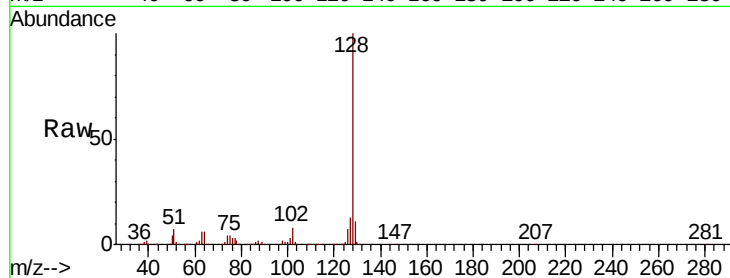
Tot Ion:128 Resp: 285735

Ion Ratio Lower Upper

128 100

127 13.2 10.2 15.2

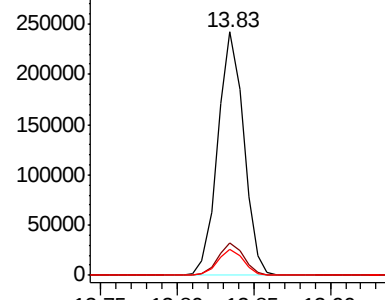
129 10.8 8.6 12.8



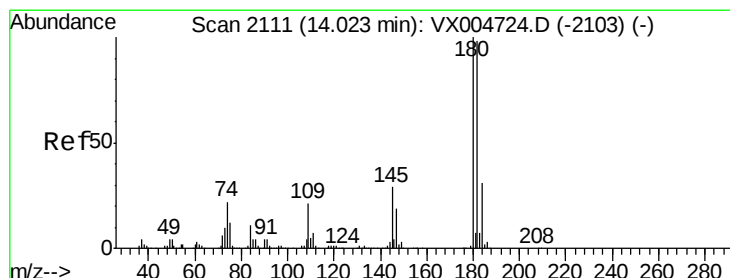
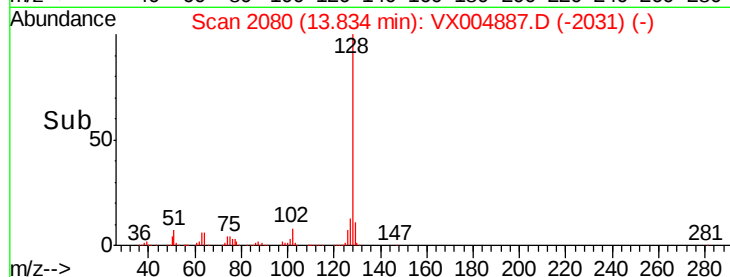
Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



Time--> 13.75 13.80 13.85 13.90



#96

1,2,3-Trichlorobenzene

Concen: 19.727 ug/l

RT: 14.02 min Scan# 2110

Delta R.T. -0.01 min

Lab File: VX004887.D

Acq: 01 Oct 2018 23:30

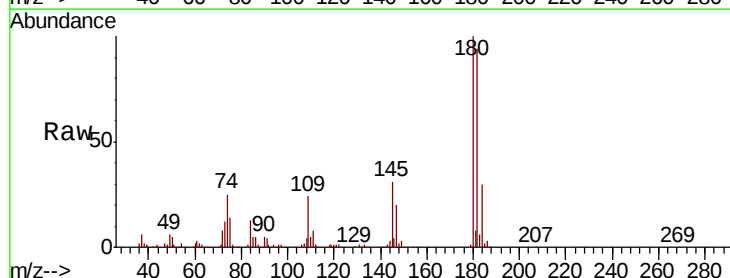
Tgt Ion:180 Resp: 95543

Ion Ratio Lower Upper

180 100

182 95.5 48.5 145.6

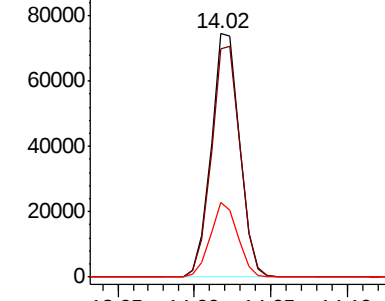
145 29.7 14.9 44.9



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



Time--> 13.95 14.00 14.05 14.10

