

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
 Data File : VX003920.D
 Acq On : 08 Aug 2018 13:45
 Operator : JC/MD
 Sample : VX0808WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBS02

Quant Time: Aug 09 03:12:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	337210	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	495091	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	465757	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	274539	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	219956	49.21	ug/l	0.00
Spiked Amount			Recovery	=	98.42%	
35) Dibromofluoromethane	5.51	113	180715	48.18	ug/l	0.00
Spiked Amount			Recovery	=	96.36%	
50) Toluene-d8	8.71	98	700534	48.03	ug/l	0.00
Spiked Amount			Recovery	=	96.06%	
62) 4-Bromofluorobenzene	11.14	95	256385	54.32	ug/l	0.00
Spiked Amount			Recovery	=	108.64%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	66243	19.38	ug/l	99
3) Chloromethane	1.32	50	82339	17.71	ug/l	99
4) Vinyl Chloride	1.40	62	88402	19.07	ug/l	98
5) Bromomethane	1.64	94	54039	19.58	ug/l	100
6) Chloroethane	1.72	64	62059	20.92	ug/l	98
7) Trichlorofluoromethane	1.93	101	115200	18.82	ug/l	98
8) Diethyl Ether	2.19	74	53182	19.33	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	72653	18.99	ug/l	99
10) Methyl Iodide	2.51	142	89138	18.73	ug/l	99
11) Tert butyl alcohol	3.07	59	102938	95.83	ug/l	98
12) 1,1-Dichloroethene	2.37	96	68373	18.89	ug/l	98
13) Acrolein	2.29	56	45767	78.25	ug/l	100
14) Allyl chloride	2.73	41	133610	19.15	ug/l	99
15) Acrylonitrile	3.15	53	242602	94.65	ug/l	100
16) Acetone	2.45	43	263668	99.15	ug/l	98
17) Carbon Disulfide	2.57	76	180560	17.89	ug/l	99
18) Methyl Acetate	2.78	43	112527	19.43	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	248388	19.37	ug/l	99
20) Methylene Chloride	2.86	84	82226	18.47	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	75517	18.38	ug/l	97
22) Diisopropyl ether	3.87	45	244571	19.07	ug/l	98
23) Vinyl Acetate	3.82	43	1029970	96.52	ug/l	99
24) 1,1-Dichloroethane	3.70	63	144555	18.98	ug/l	99
25) 2-Butanone	4.71	43	388688	97.21	ug/l	99
26) 2,2-Dichloropropane	4.59	77	109628	19.95	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	85246	19.12	ug/l	99
28) Bromochloromethane	5.02	49	67247	20.63	ug/l	100
29) Tetrahydrofuran	5.16	42	194544	94.67	ug/l	100
30) Chloroform	5.21	83	139905	19.51	ug/l	99
31) Cyclohexane	5.57	56	119447	18.54	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	117048	19.46	ug/l	99
36) 1,1-Dichloropropene	5.80	75	102132	18.42	ug/l	99
37) Ethyl Acetate	4.86	43	114982	18.85	ug/l	99
38) Carbon Tetrachloride	5.78	117	100425	19.03	ug/l	98

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 VX0808WBS02

Quant Time: Aug 09 03:12:10 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	117837	18.02	ug/l	98
40) Benzene	6.14	78	320845	19.27	ug/l	100
41) Methacrylonitrile	5.06	41	62920	18.73	ug/l	98
42) 1,2-Dichloroethane	6.20	62	111544	19.81	ug/l	100
43) Isopropyl Acetate	6.46	43	171789	18.72	ug/l	100
44) Trichloroethene	7.21	130	85461	18.77	ug/l	92
45) 1,2-Dichloropropane	7.52	63	82309	19.14	ug/l	99
46) Dibromomethane	7.67	93	53285	19.09	ug/l	100
47) Bromodichloromethane	7.90	83	99634	18.95	ug/l	100
48) Methyl methacrylate	7.78	41	88274	18.92	ug/l	99
49) 1,4-Dioxane	7.76	88	42055	382.61	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	746566	98.12	ug/l	99
52) Toluene	8.79	92	204715	19.46	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	110727	18.63	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	122983	19.19	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	83292	19.37	ug/l	99
56) Ethyl methacrylate	9.18	69	117967	18.91	ug/l	99
57) 1,3-Dichloropropane	9.37	76	140562	19.54	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	308915	100.71	ug/l	99
59) 2-Hexanone	9.50	43	566318	99.58	ug/l	99
60) Dibromochloromethane	9.59	129	78390	19.56	ug/l	100
61) 1,2-Dibromoethane	9.67	107	86099	20.00	ug/l	99
64) Tetrachloroethene	9.34	164	80548	17.58	ug/l	94
65) Chlorobenzene	10.14	112	227809	18.80	ug/l	94
66) 1,1,1,2-Tetrachloroethane	10.23	131	79507	19.08	ug/l	99
67) Ethyl Benzene	10.25	91	377518	19.03	ug/l	98
68) m/p-Xylenes	10.36	106	299021	38.57	ug/l	97
69) o-Xylene	10.70	106	142999	19.54	ug/l	96
70) Styrene	10.71	104	237860	19.85	ug/l	98
71) Bromoform	10.86	173	59325	18.73	ug/l	98
73) Isopropylbenzene	11.02	105	383086	18.86	ug/l	97
74) N-amyl acetate	6.46	43	171789	16.27	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	129160	18.56	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	142927	23.57	ug/l	85
77) Bromobenzene	11.26	156	101981	18.82	ug/l	100
78) n-propylbenzene	11.36	91	437461	19.18	ug/l	100
79) 2-Chlorotoluene	11.42	91	261899	18.84	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	317236	19.16	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	35456	17.42	ug/l	96
82) 4-Chlorotoluene	11.51	91	306576	18.82	ug/l	100
83) tert-Butylbenzene	11.77	119	313156	19.22	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	328419	19.72	ug/l	99
85) sec-Butylbenzene	11.94	105	369869	19.24	ug/l	100
86) p-Isopropyltoluene	12.07	119	332933	19.30	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	187361	18.71	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	190406	19.67	ug/l	99
89) n-Butylbenzene	12.39	91	253476	16.86	ug/l	99
90) Hexachloroethane	12.60	117	47047	16.79	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	174208	17.55	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22661	15.89	ug/l	95

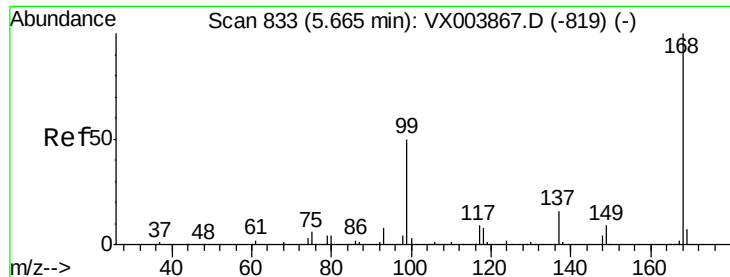
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080818\
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Instrument :
MSVOA_X
ClientSampleId :
VX0808WBS02

Quant Time: Aug 09 03:12:10 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	126096	17.66	ug/l	99
94) Hexachlorobutadiene	13.79	225	57712	18.59	ug/l	97
95) Naphthalene	13.83	128	397672	19.45	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	134439	18.87	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

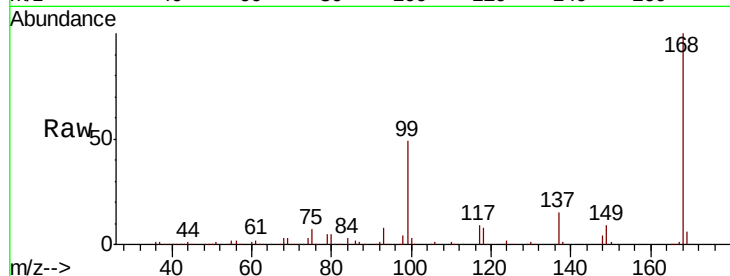
VX0808WBS02

Tot Ion:168 Resp: 337210

Ion Ratio Lower Upper

168 100

99 48.8 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

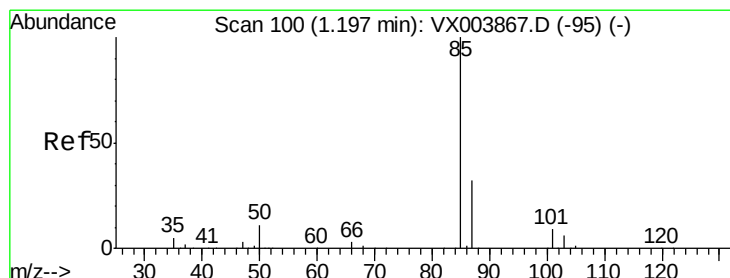
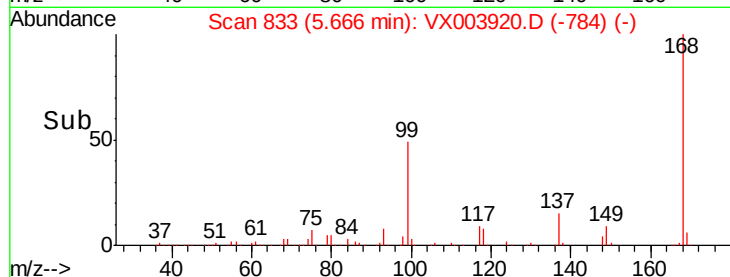
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.38 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003920.D

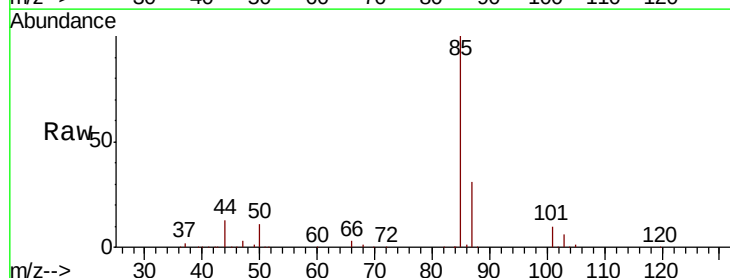
Acq: 08 Aug 2018 13:45

Tgt Ion: 85 Resp: 66243

Ion Ratio Lower Upper

85 100

87 31.2 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

80000

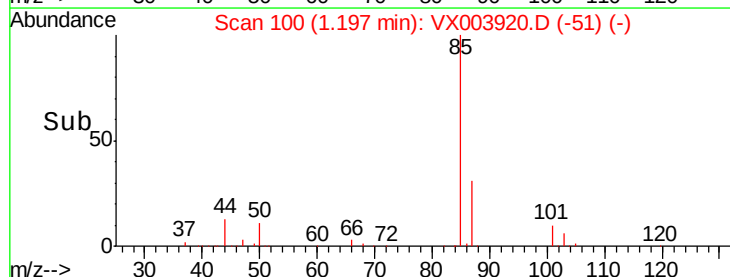
60000

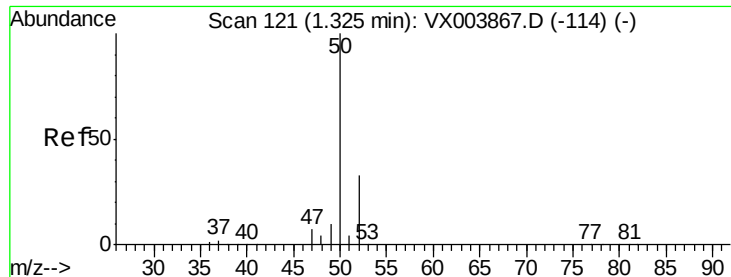
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.71 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

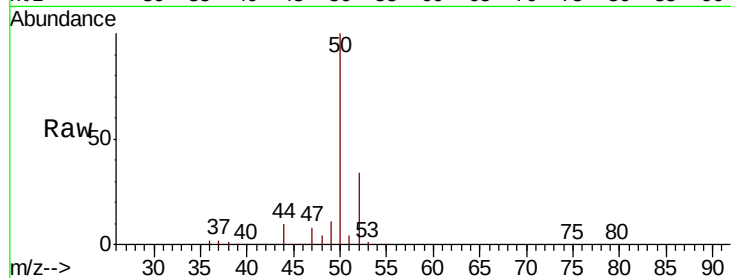
VX0808WBS02

Tot Ion: 50 Resp: 82339

Ion Ratio Lower Upper

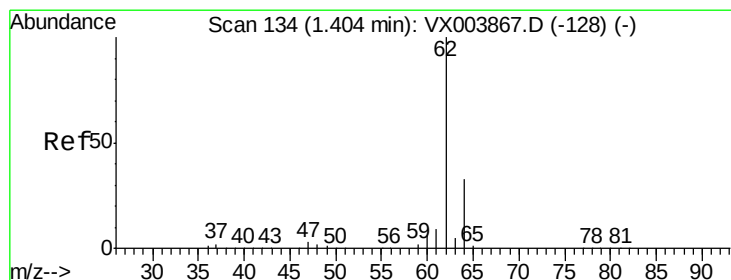
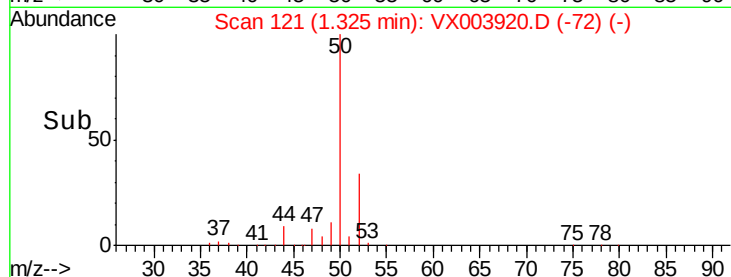
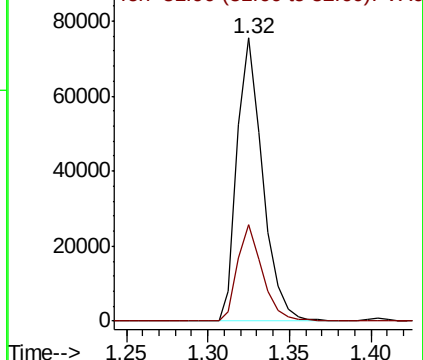
50 100

52 34.0 26.6 39.8



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 19.07 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003920.D

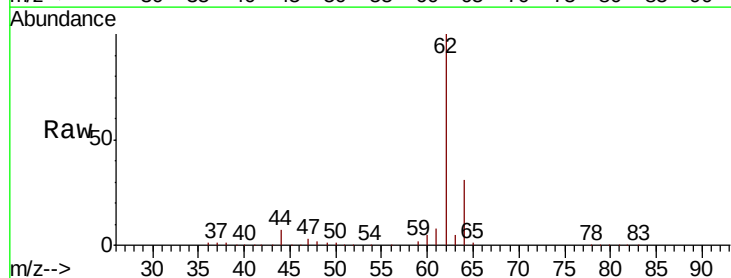
Acq: 08 Aug 2018 13:45

Tgt Ion: 62 Resp: 88402

Ion Ratio Lower Upper

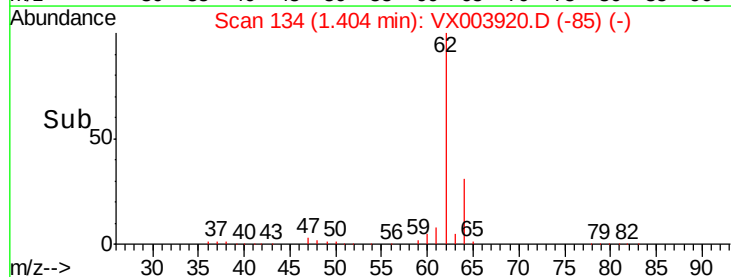
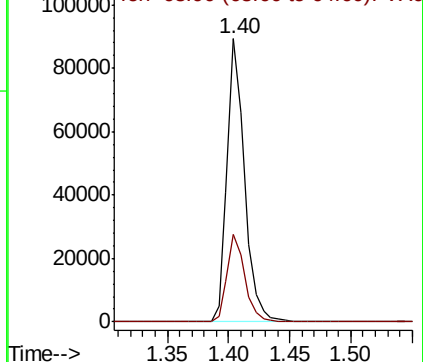
62 100

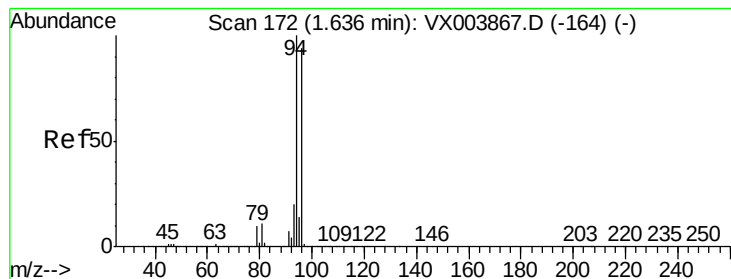
64 31.1 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 19.58 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

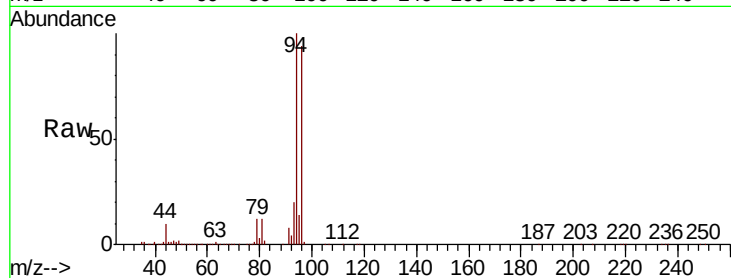
VX0808WBS02

Tot Ion: 94 Resp: 54039

Ion Ratio Lower Upper

94 100

96 93.7 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

60000

50000

40000

30000

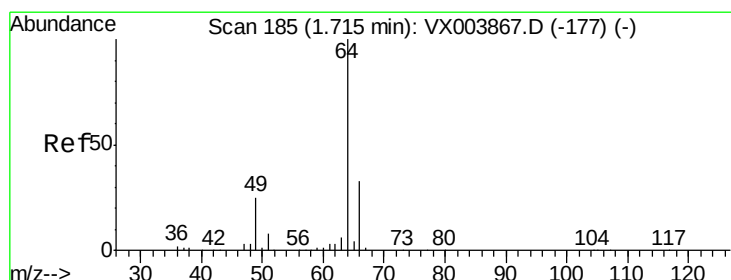
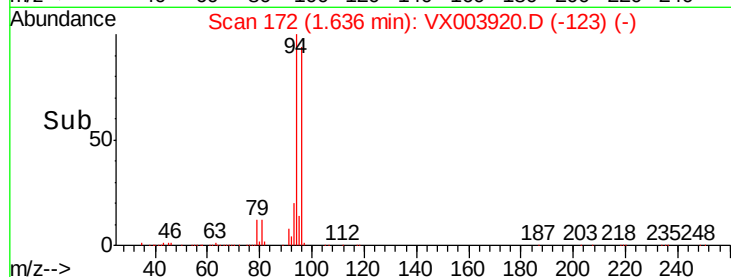
20000

10000

0

Time-->

1.60 1.70 1.80



#6

Chloroethane

Concen: 20.92 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003920.D

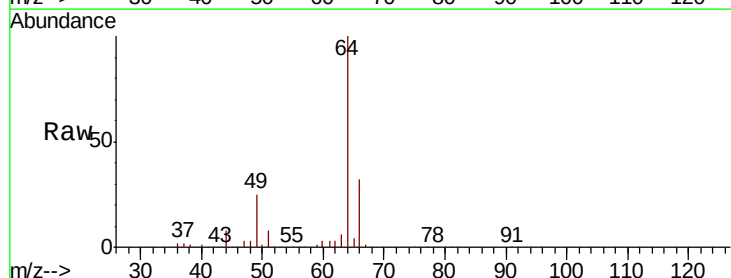
Acq: 08 Aug 2018 13:45

Tgt Ion: 64 Resp: 62059

Ion Ratio Lower Upper

64 100

66 31.7 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

1.72

50000

40000

30000

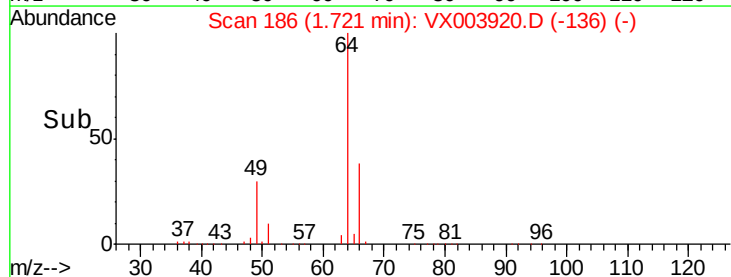
20000

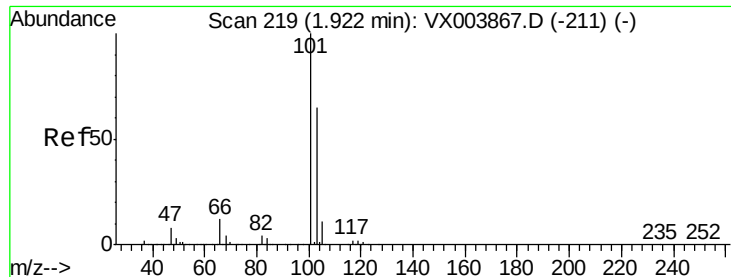
10000

0

Time-->

1.60 1.70 1.80



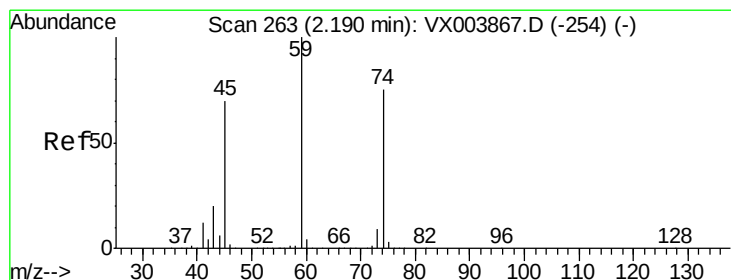
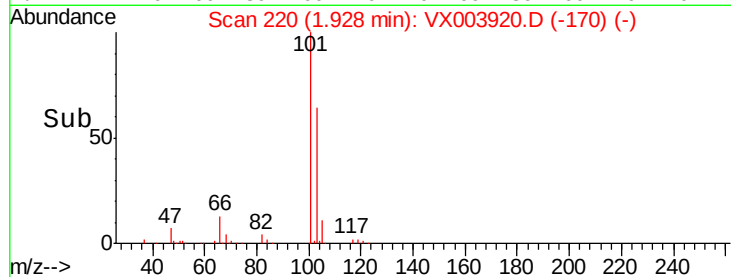
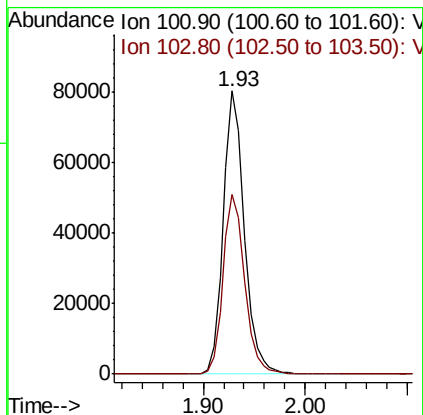
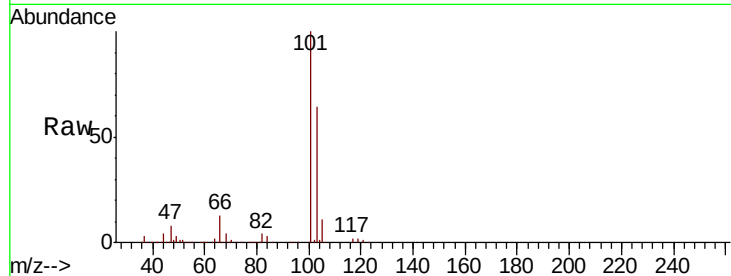


#7

Trichlorofluoromethane
 Concen: 18.82 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003920.D
 Acq: 08 Aug 2018 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBS02

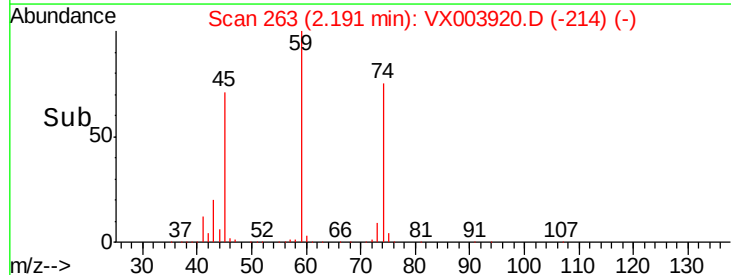
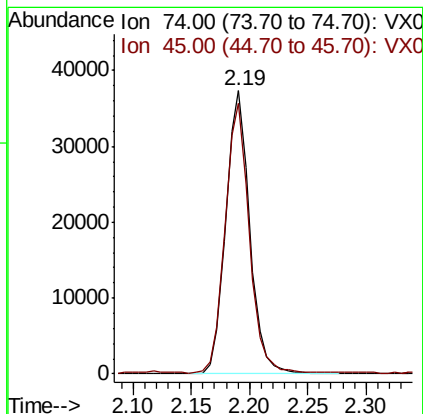
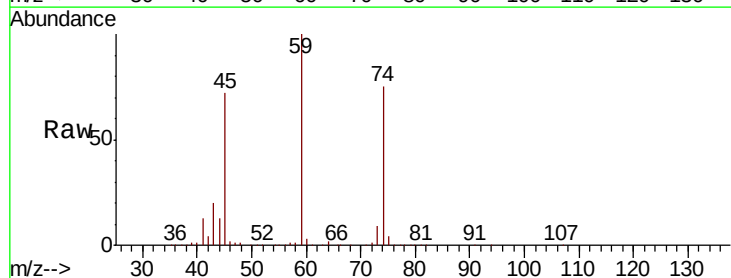
Tot Ion:101 Resp: 115200
 Ion Ratio Lower Upper
 101 100
 103 63.5 52.3 78.5

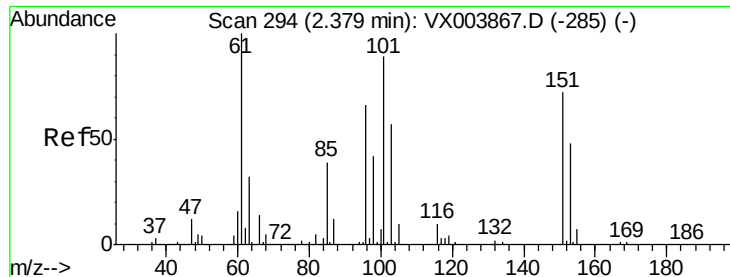


#8

Diethyl Ether
 Concen: 19.33 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003920.D
 Acq: 08 Aug 2018 13:45

Tgt Ion: 74 Resp: 53182
 Ion Ratio Lower Upper
 74 100
 45 95.5 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.99 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBS02

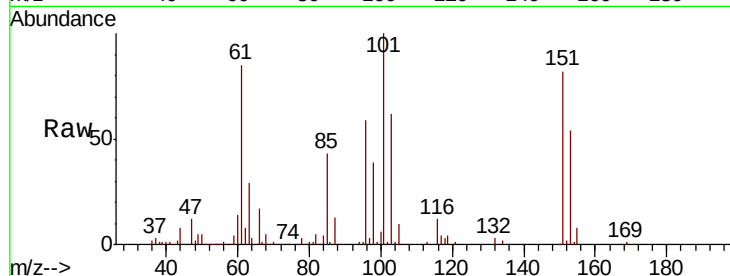
Tot Ion:101 Resp: 72653

Ion Ratio Lower Upper

101 100

85 43.5 34.2 51.4

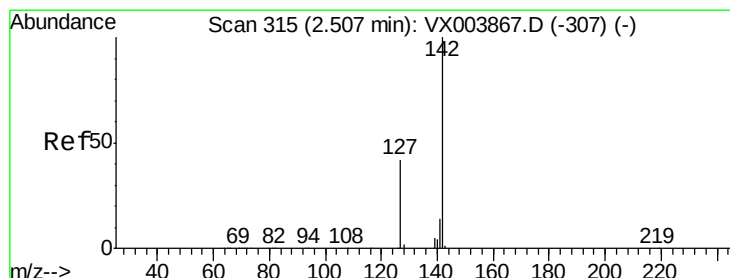
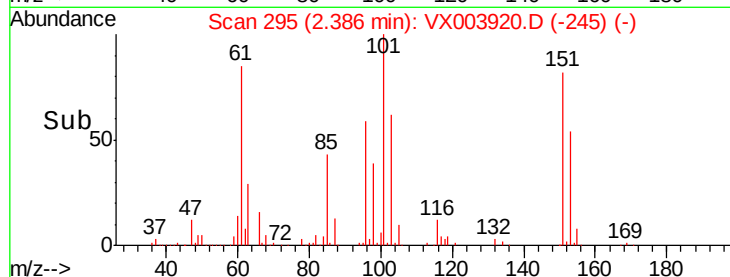
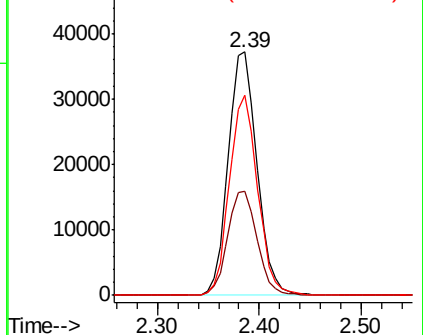
151 80.2 65.0 97.4



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: 18.73 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

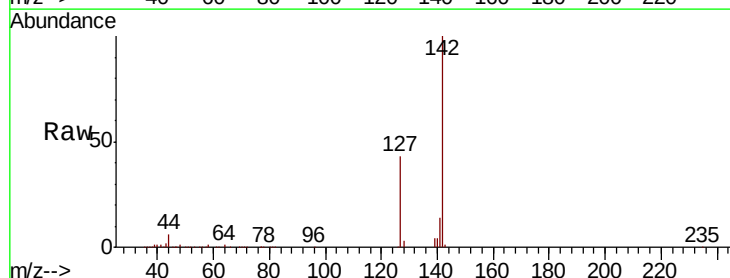
Tgt Ion:142 Resp: 89138

Ion Ratio Lower Upper

142 100

127 42.2 33.1 49.7

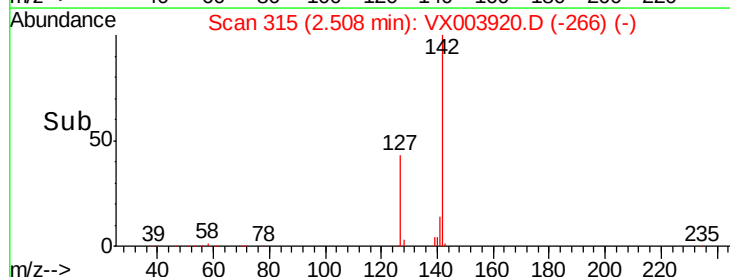
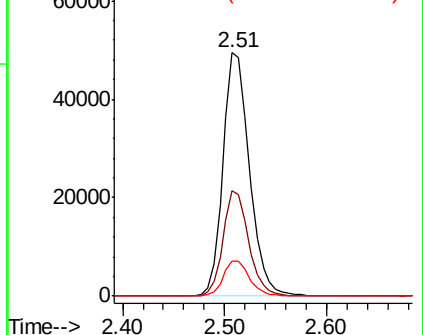
141 14.5 11.1 16.7

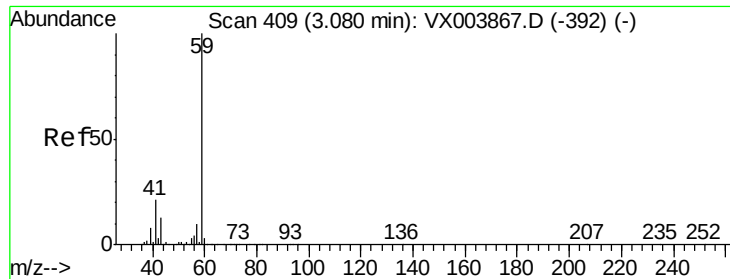


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 95.83 ug/l

RT: 3.07 min Scan# 408

Delta R.T. -0.01 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

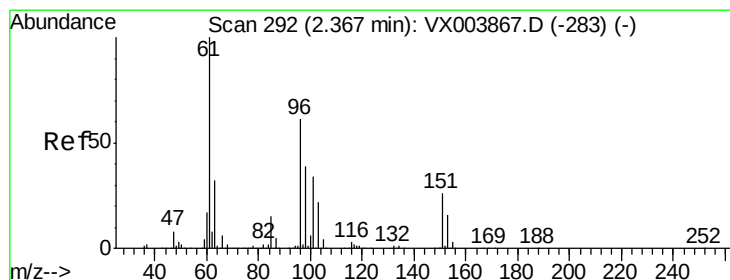
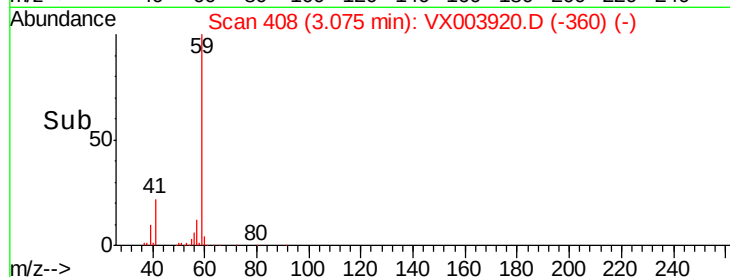
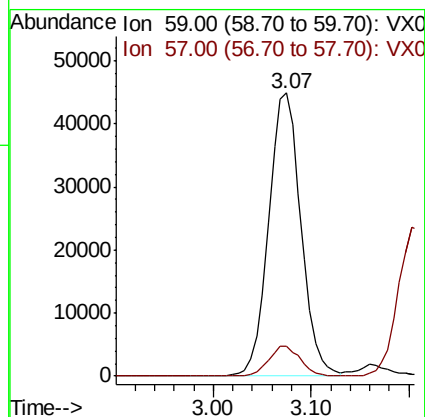
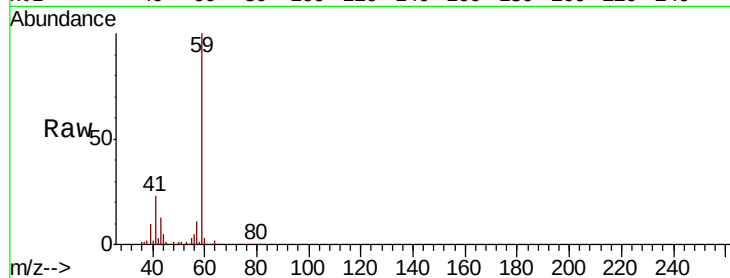
VX0808WBS02

Tot Ion: 59 Resp: 102938

Ion Ratio Lower Upper

59 100

57 10.7 8.1 12.1



#12

1,1-Dichloroethene

Concen: 18.89 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.01 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

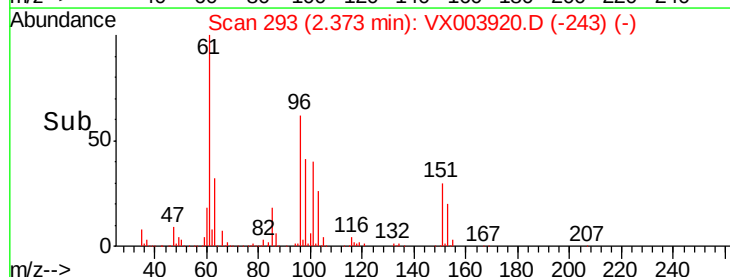
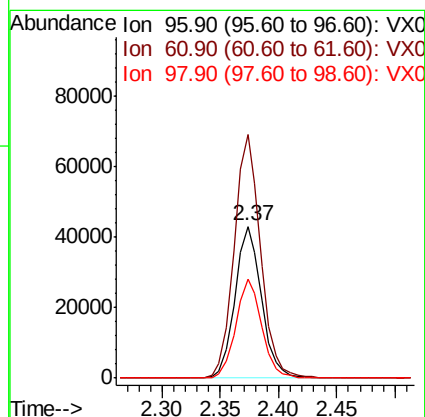
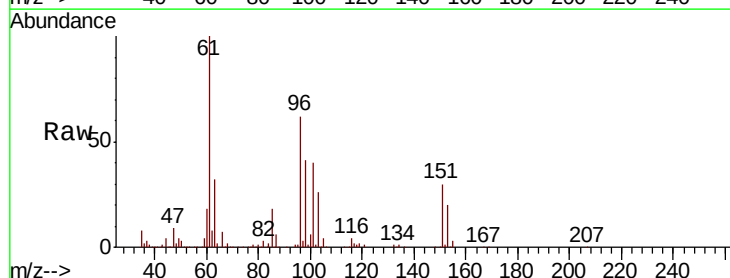
Tgt Ion: 96 Resp: 68373

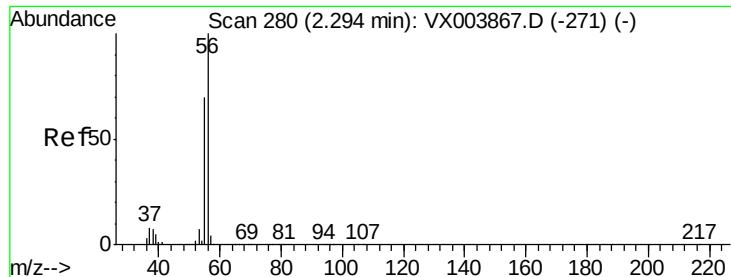
Ion Ratio Lower Upper

96 100

61 160.2 131.3 196.9

98 65.4 51.8 77.6





#13

Acrolein

Concen: 78.25 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

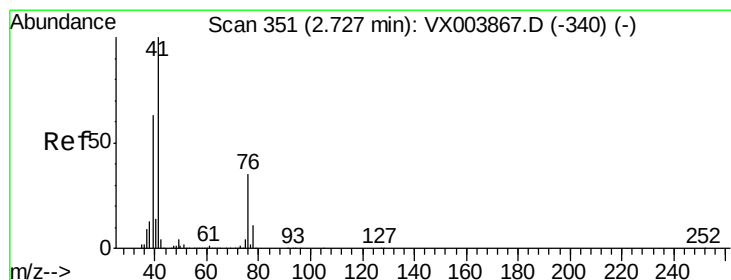
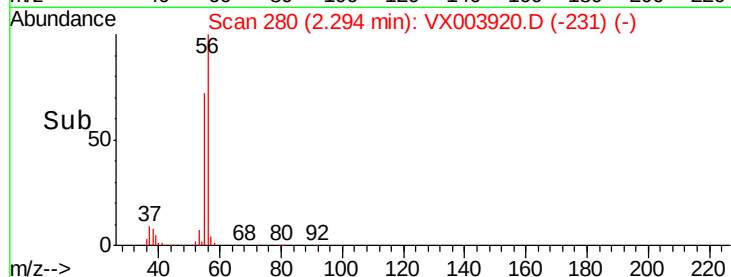
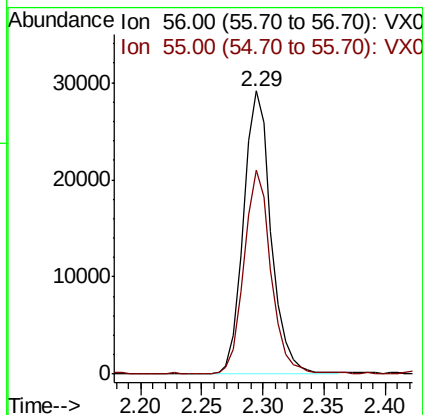
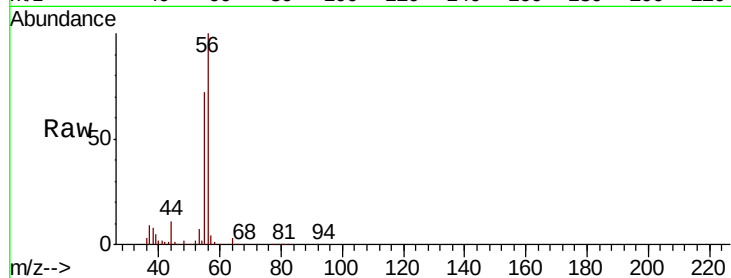
VX0808WBS02

Tot Ion: 56 Resp: 45767

Ion Ratio Lower Upper

56 100

55 69.9 56.1 84.1



#14

Allyl chloride

Concen: 19.15 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

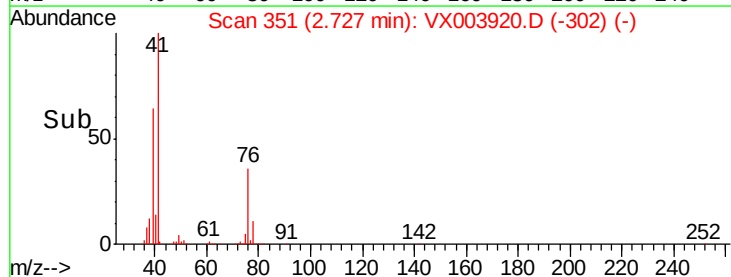
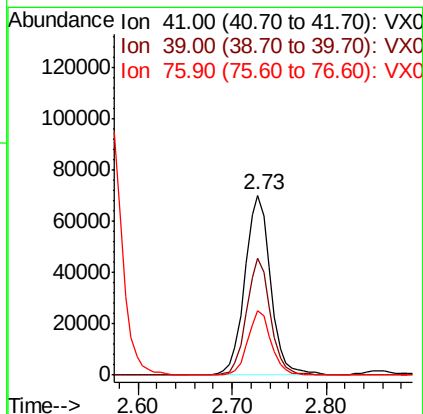
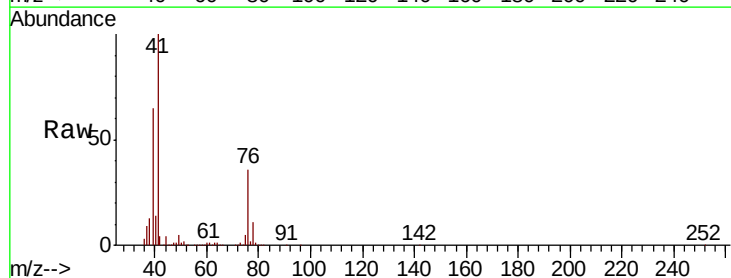
Tgt Ion: 41 Resp: 133610

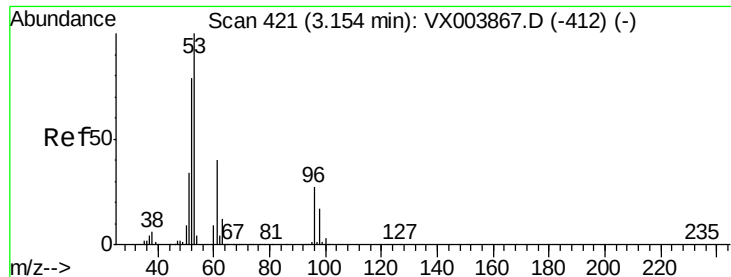
Ion Ratio Lower Upper

41 100

39 60.2 47.4 71.0

76 32.6 26.0 39.0





#15

Acrylonitrile

Concen: 94.65 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBS02

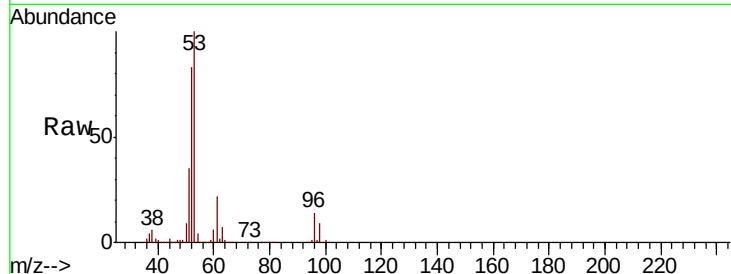
Tot Ion: 53 Resp: 242602

Ion Ratio Lower Upper

53 100

52 81.5 65.3 97.9

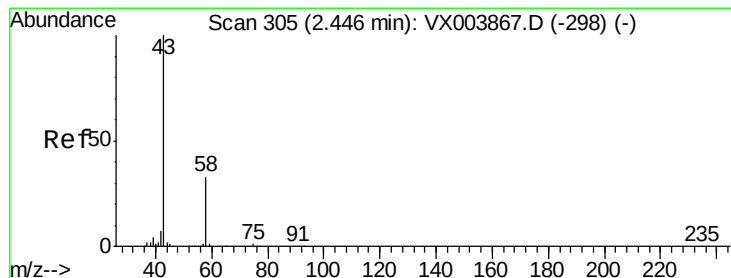
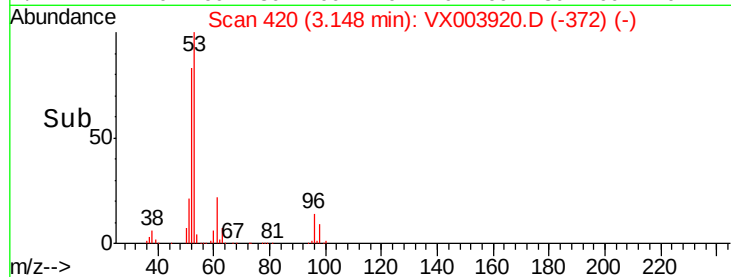
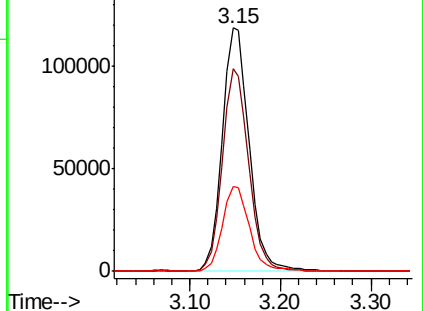
51 35.0 27.9 41.9



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: 99.15 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003920.D

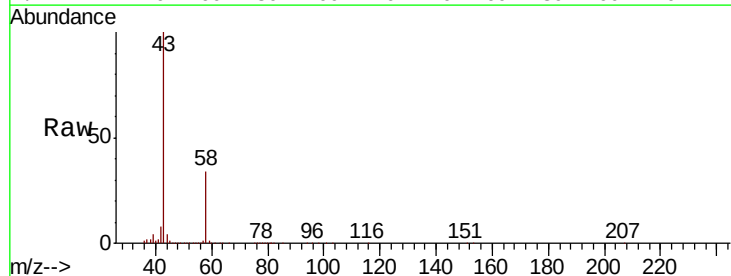
Acq: 08 Aug 2018 13:45

Tgt Ion: 43 Resp: 263668

Ion Ratio Lower Upper

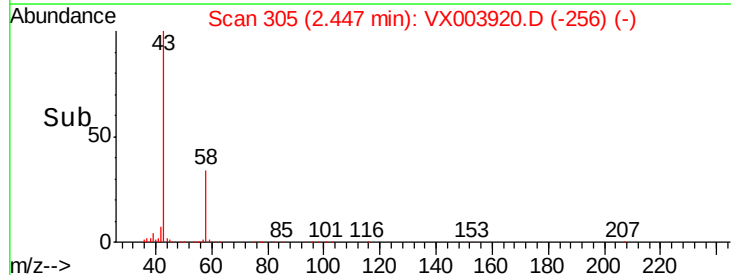
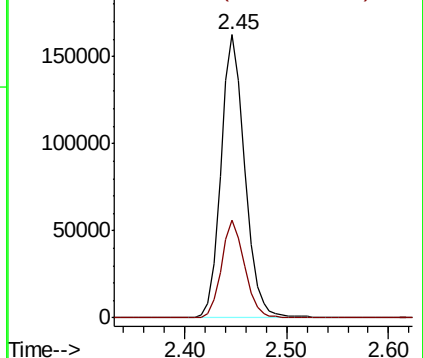
43 100

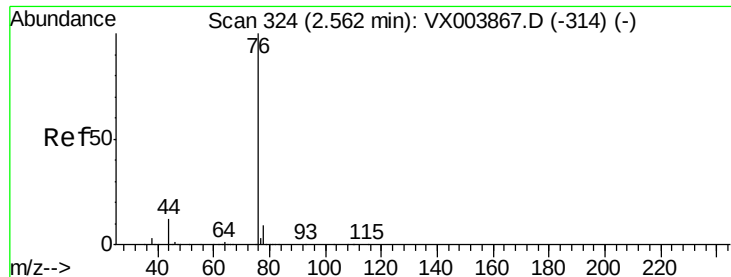
58 34.3 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

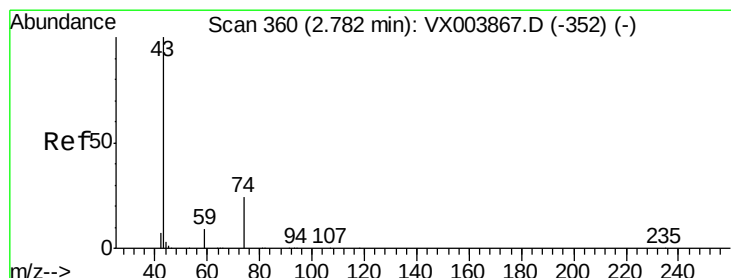
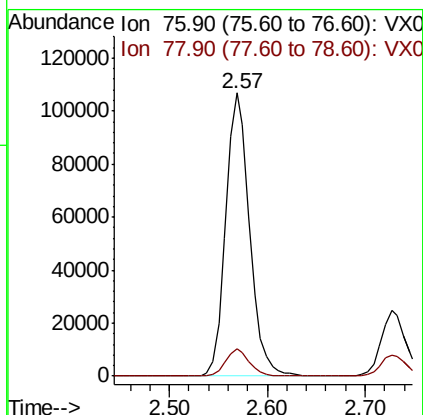
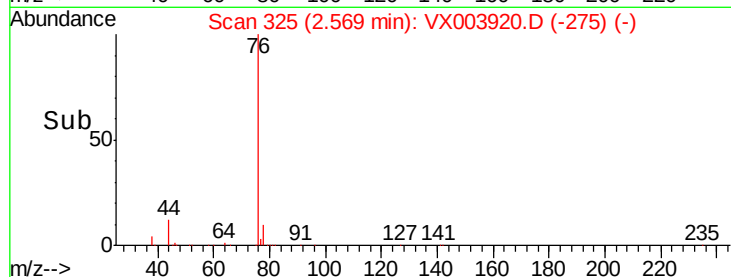
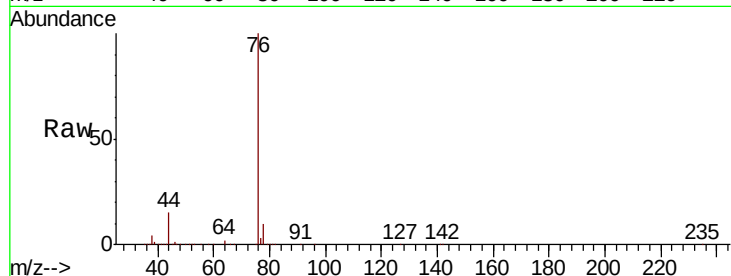




#17
Carbon Disulfide
Concen: 17.89 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003920.D
Acq: 08 Aug 2018 13:45

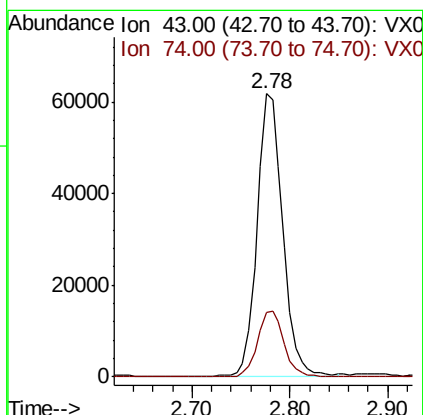
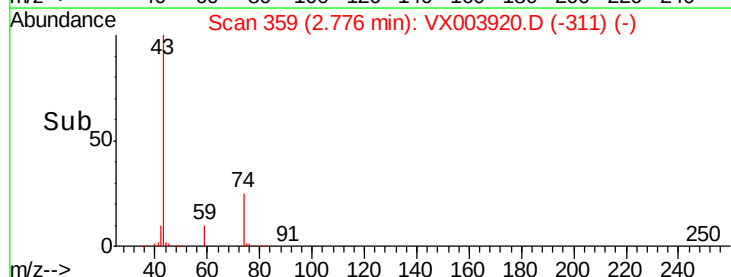
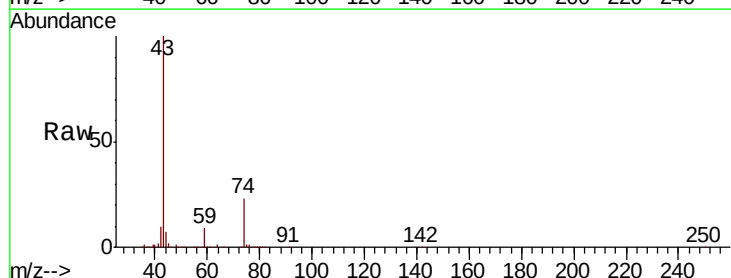
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBS02

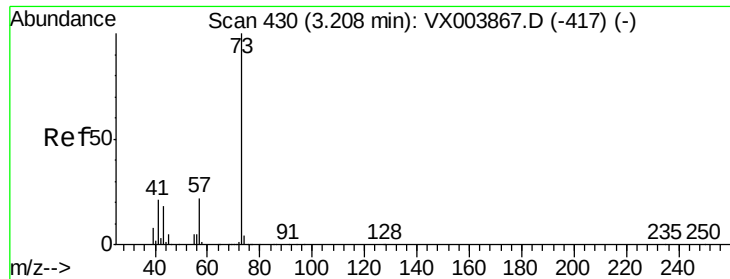
Tot Ion: 76 Resp: 180560
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3



#18
Methyl Acetate
Concen: 19.43 ug/l
RT: 2.78 min Scan# 359
Delta R.T. -0.01 min
Lab File: VX003920.D
Acq: 08 Aug 2018 13:45

Tgt Ion: 43 Resp: 112527
Ion Ratio Lower Upper
43 100
74 24.2 18.9 28.3

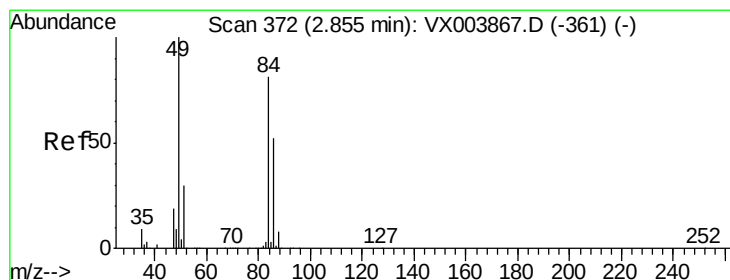
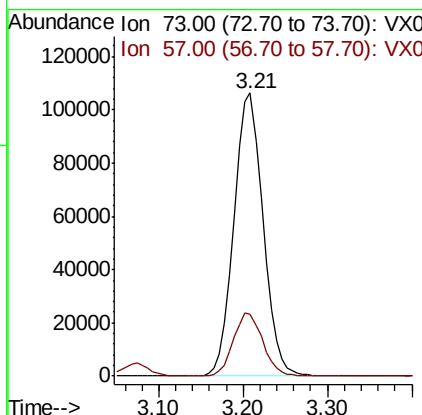
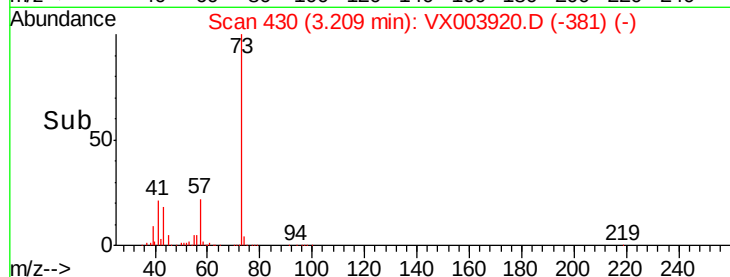
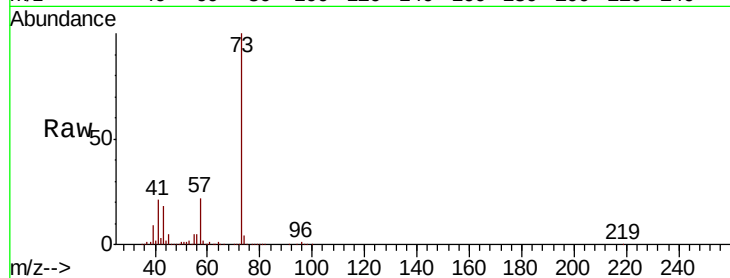




#19
Methyl tert-butyl Ether
Concen: 19.37 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003920.D
Acq: 08 Aug 2018 13:45

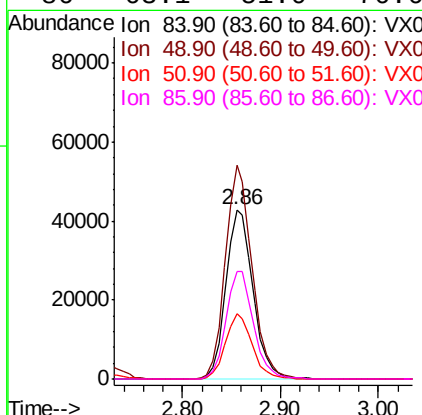
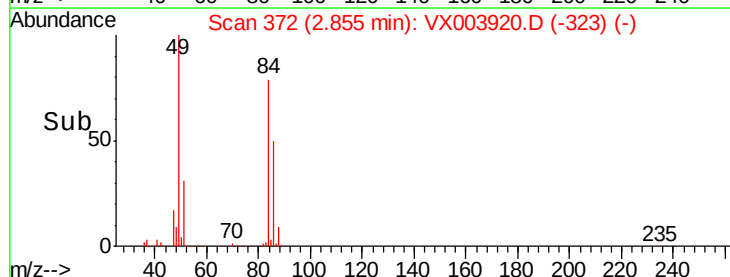
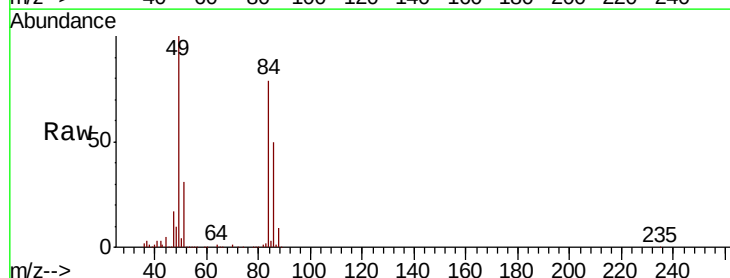
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBS02

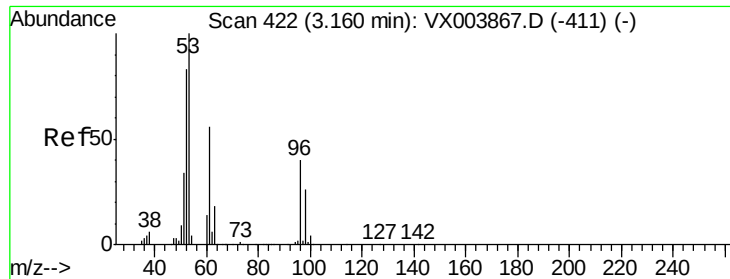
Tot Ion: 73 Resp: 248388
Ion Ratio Lower Upper
73 100
57 21.8 18.0 27.0



#20
Methylene Chloride
Concen: 18.47 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003920.D
Acq: 08 Aug 2018 13:45

Tgt Ion: 84 Resp: 82226
Ion Ratio Lower Upper
84 100
49 125.9 98.9 148.3
51 38.4 29.9 44.9
86 63.1 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 18.38 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.01 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBS02

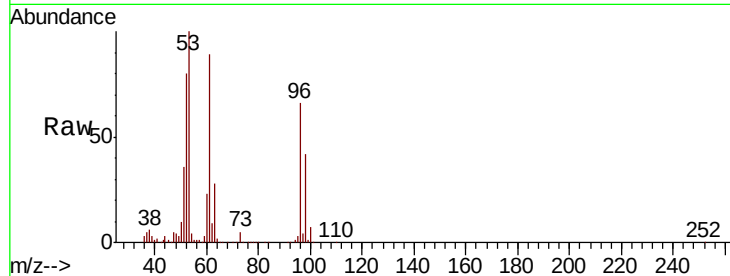
Tot Ion: 96 Resp: 75517

Ion Ratio Lower Upper

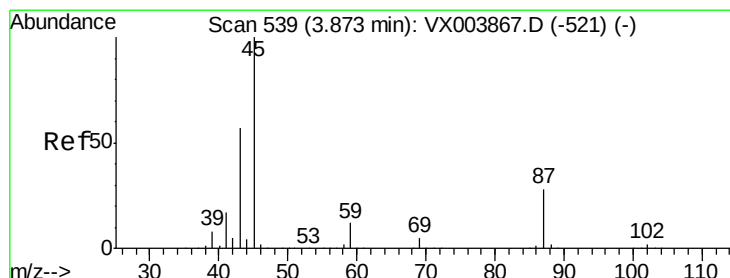
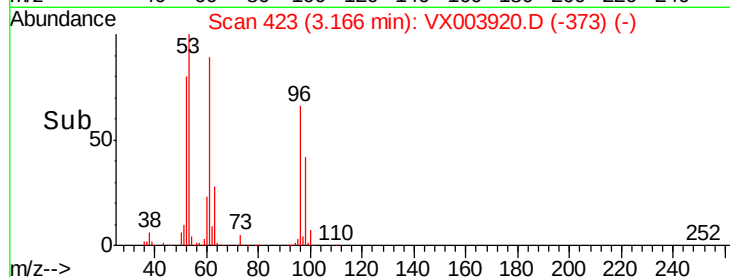
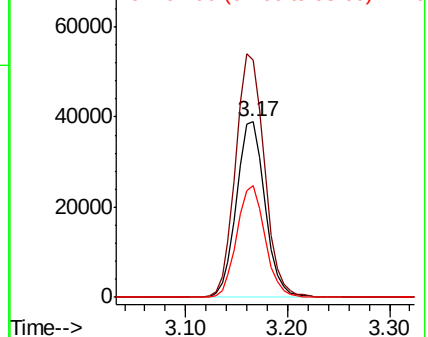
96 100

61 135.2 111.8 167.6

98 63.8 51.8 77.6



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



#22

Diisopropyl ether

Concen: 19.07 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Tgt Ion: 45 Resp: 244571

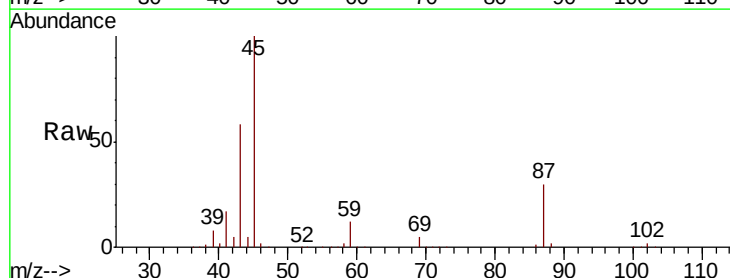
Ion Ratio Lower Upper

45 100

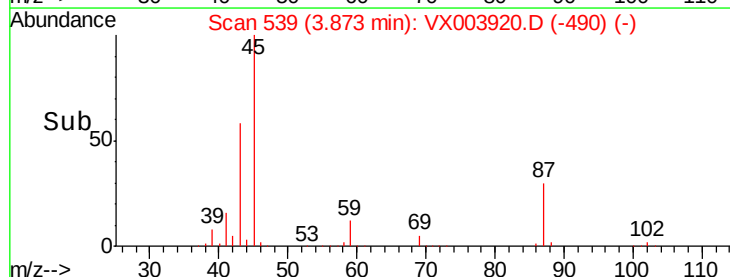
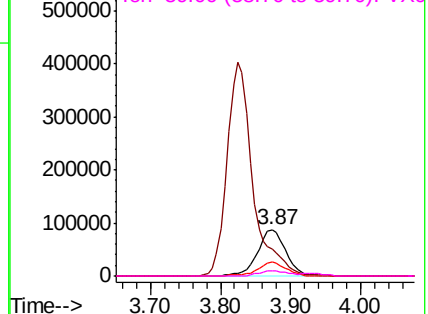
43 57.9 45.3 67.9

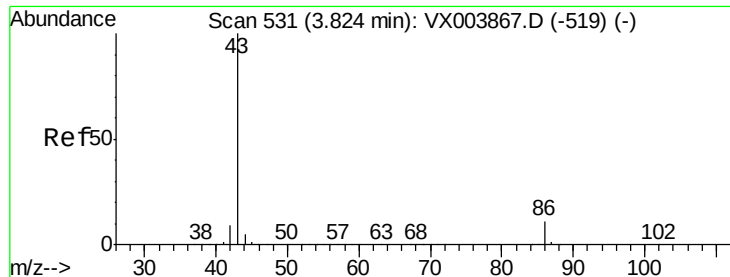
87 29.5 22.7 34.1

59 11.7 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

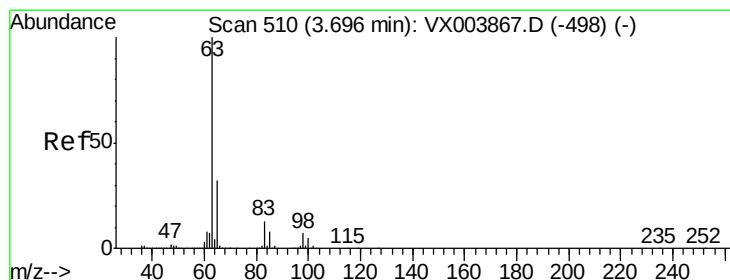
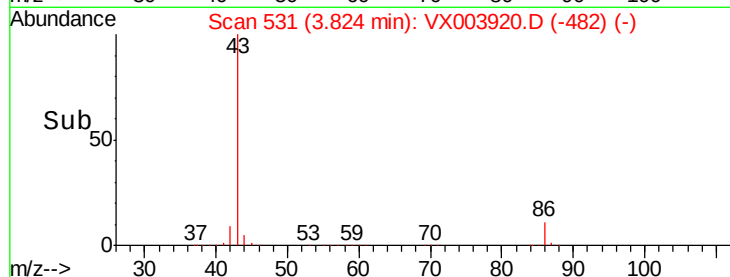
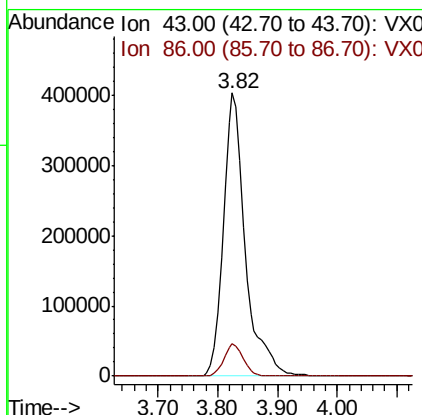
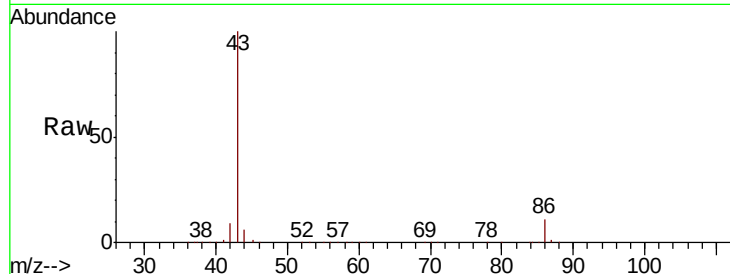




#23
 Vinyl Acetate
 Concen: 96.52 ug/l
 RT: 3.82 min Scan# 531
 Delta R.T. 0.00 min
 Lab File: VX003920.D
 Acq: 08 Aug 2018 13:45

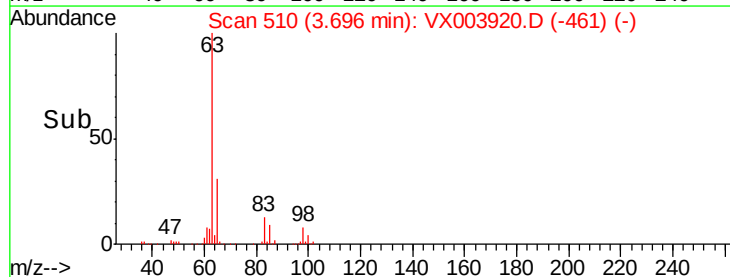
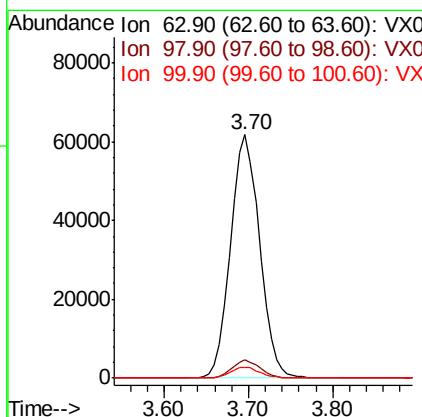
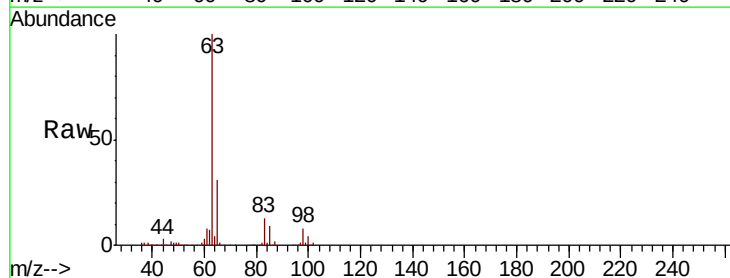
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBS02

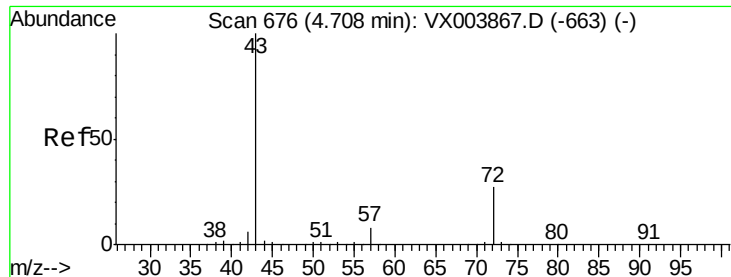
Tot Ion: 43 Resp: 1029970
 Ion Ratio Lower Upper
 43 100
 86 11.4 8.9 13.3



#24
 1,1-Dichloroethane
 Concen: 18.98 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX003920.D
 Acq: 08 Aug 2018 13:45

Tgt Ion: 63 Resp: 144555
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.5 10.5
 100 4.3 2.3 6.8





#25

2-Butanone

Concen: 97.21 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

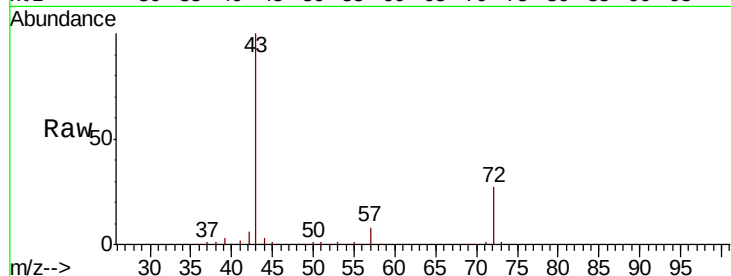
VX0808WBS02

Tot Ion: 43 Resp: 388688

Ion Ratio Lower Upper

43 100

72 27.0 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

150000

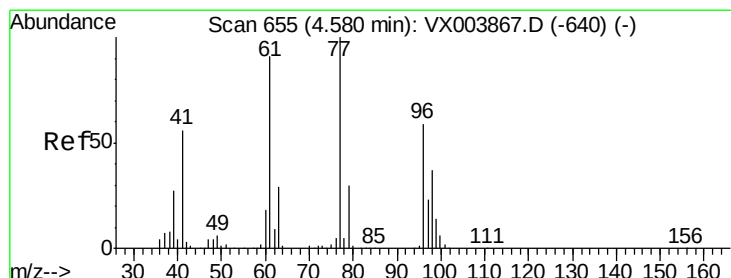
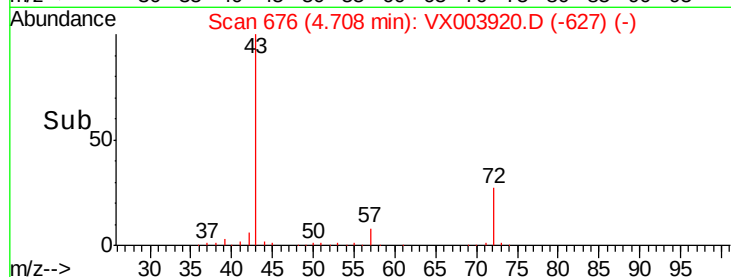
100000

50000

0

4.60 4.70 4.80

Time-->



#26

2,2-Dichloropropane

Concen: 19.95 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.01 min

Lab File: VX003920.D

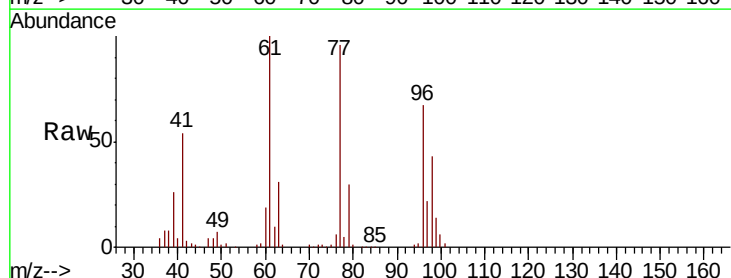
Acq: 08 Aug 2018 13:45

Tgt Ion: 77 Resp: 109628

Ion Ratio Lower Upper

77 100

97 23.6 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

40000

30000

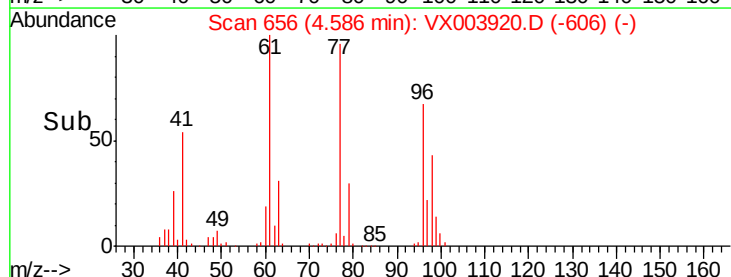
20000

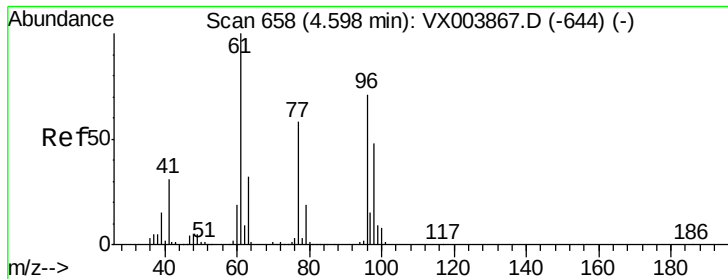
10000

0

4.50 4.60 4.70

Time-->





#27

cis-1,2-Dichloroethene

Concen: 19.12 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBS02

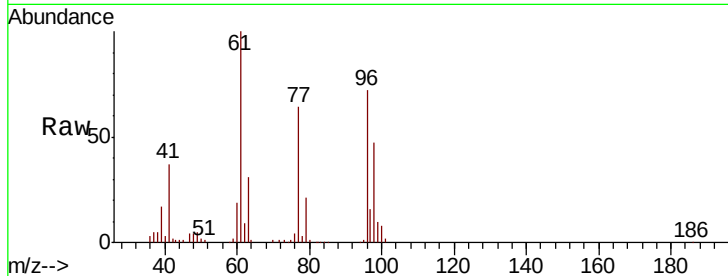
Tot Ion: 96 Resp: 85246

Ion Ratio Lower Upper

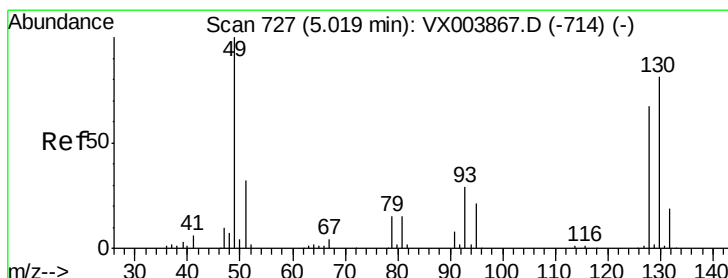
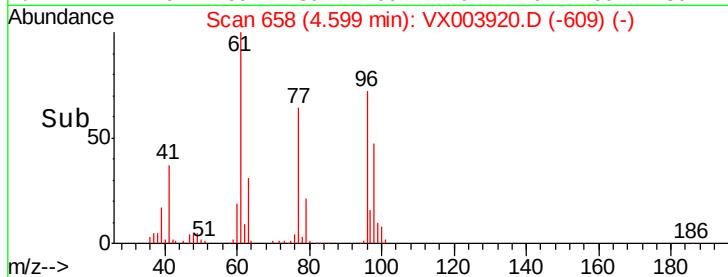
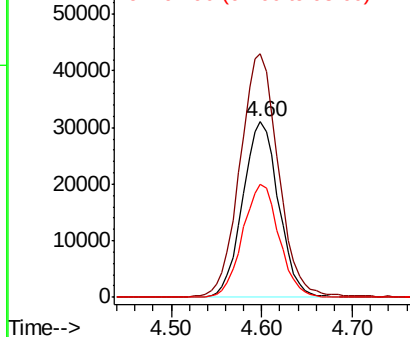
96 100

61 148.7 0.0 293.0

98 65.3 0.0 131.8



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



#28

Bromochloromethane

Concen: 20.63 ug/l

RT: 5.02 min Scan# 727

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

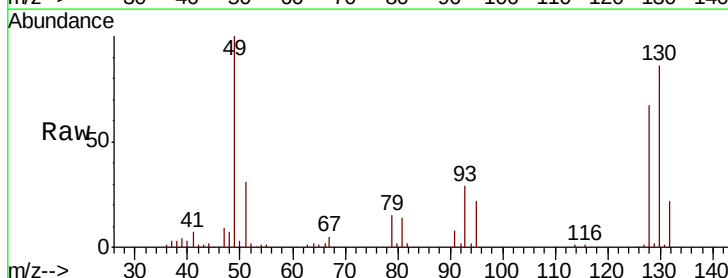
Tgt Ion: 49 Resp: 67247

Ion Ratio Lower Upper

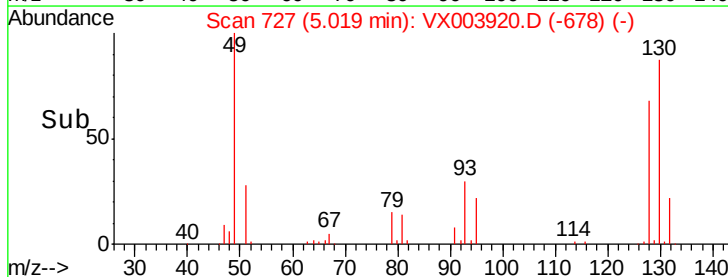
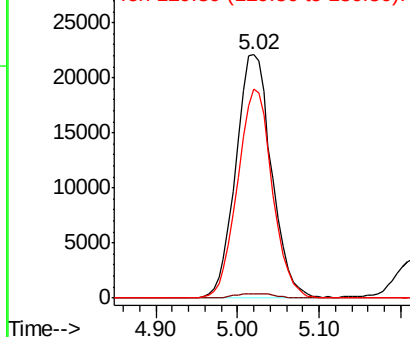
49 100

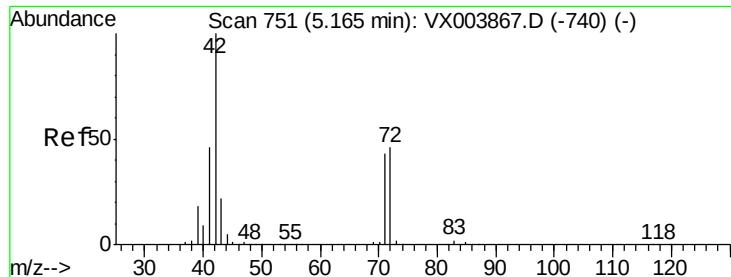
129 2.1 0.0 4.2

130 83.5 66.5 99.7



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: 94.67 ug/l

RT: 5.16 min Scan# 750

Delta R.T. -0.01 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampled :

VX0808WBS02

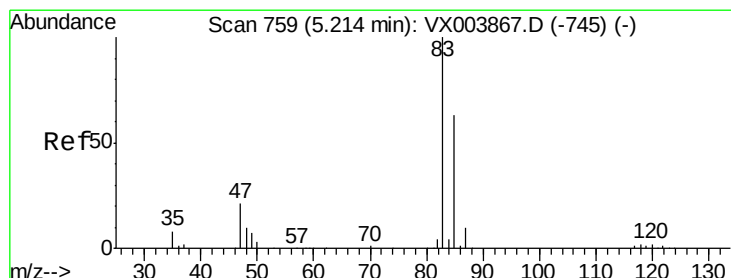
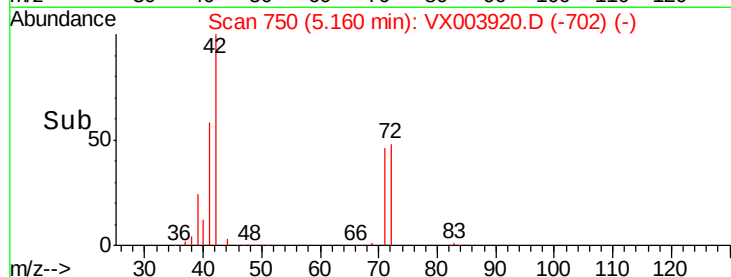
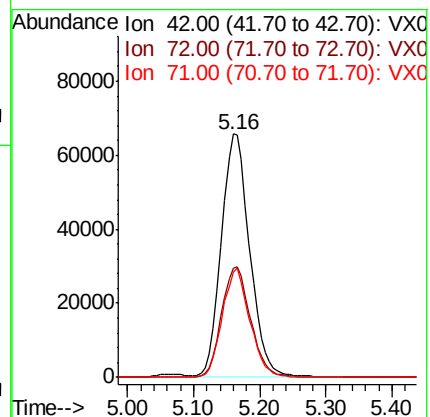
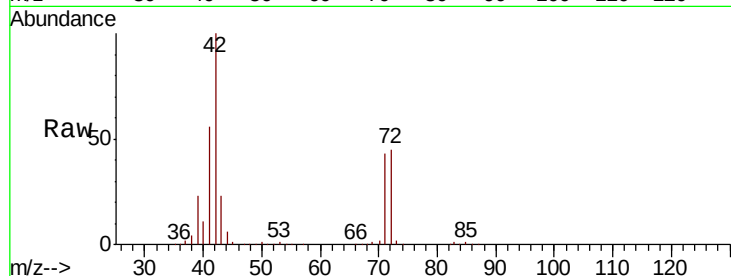
Tot Ion: 42 Resp: 194544

Ion Ratio Lower Upper

42 100

72 46.7 37.7 56.5

71 43.6 35.0 52.6



#30

Chloroform

Concen: 19.51 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX003920.D

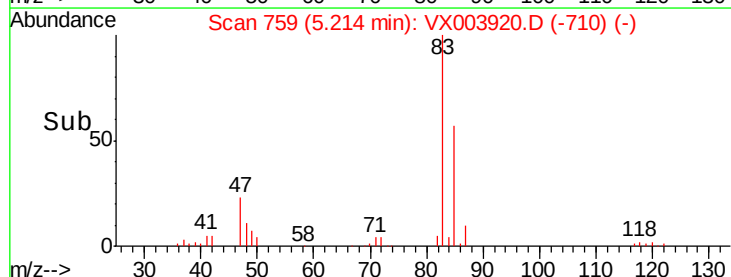
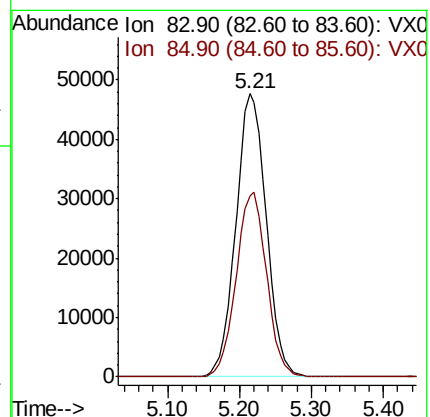
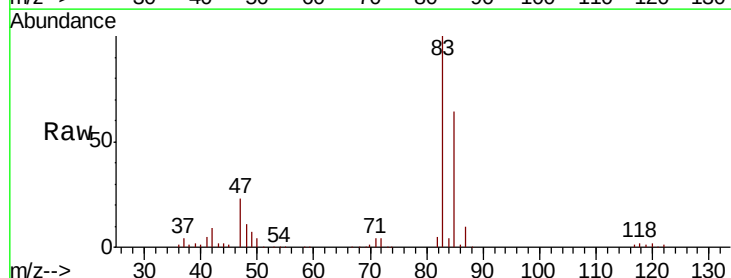
Acq: 08 Aug 2018 13:45

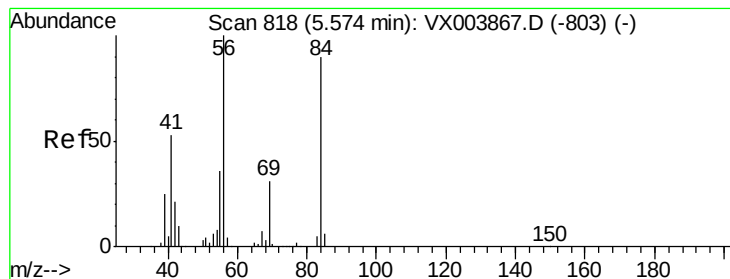
Tgt Ion: 83 Resp: 139905

Ion Ratio Lower Upper

83 100

85 63.9 50.7 76.1





#31

Cyclohexane

Concen: 18.54 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampled :

VX0808WBS02

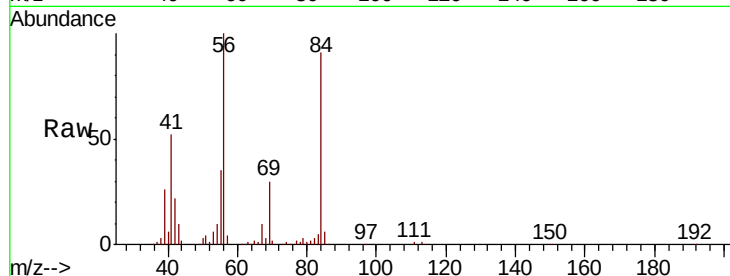
Tot Ion: 56 Resp: 119447

Ion Ratio Lower Upper

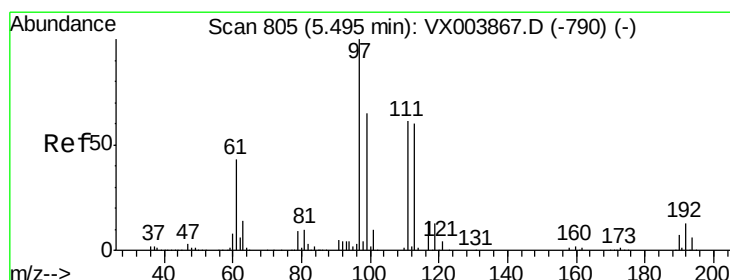
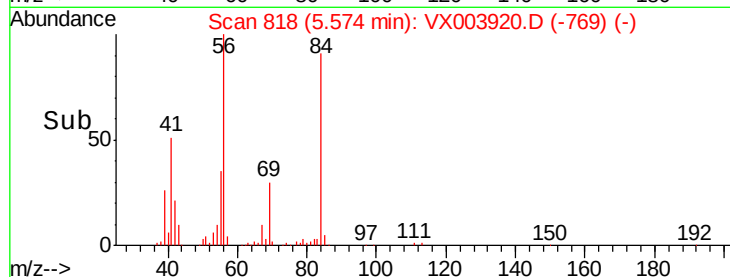
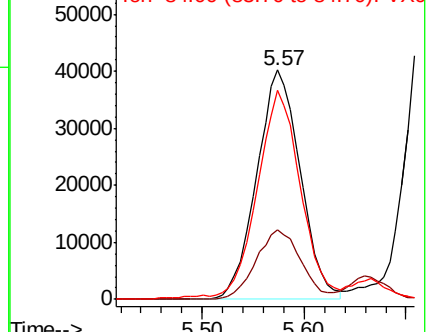
56 100

69 30.2 24.9 37.3

84 89.6 71.7 107.5



Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 19.46 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

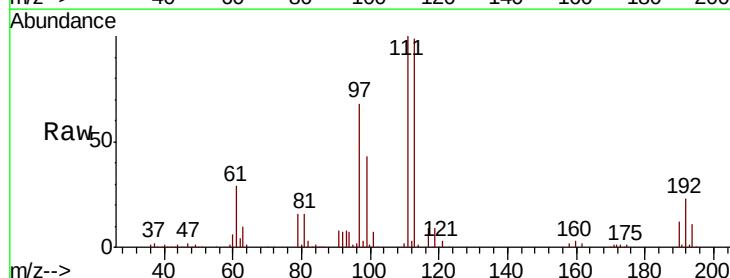
Tgt Ion: 97 Resp: 117048

Ion Ratio Lower Upper

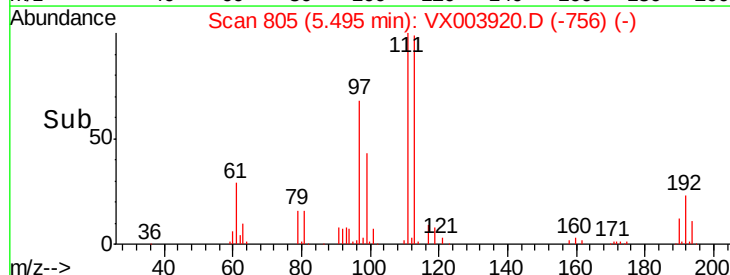
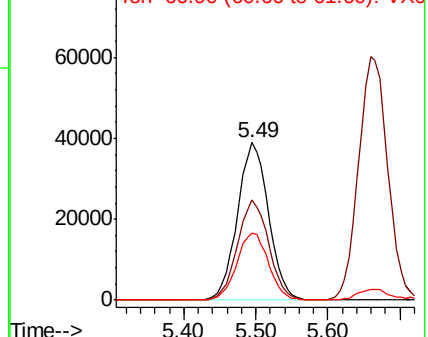
97 100

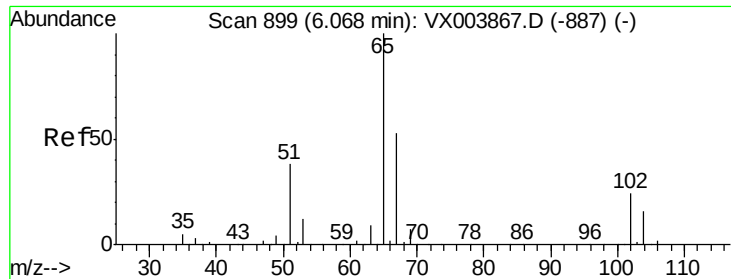
99 63.9 51.8 77.8

61 43.7 34.4 51.6



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

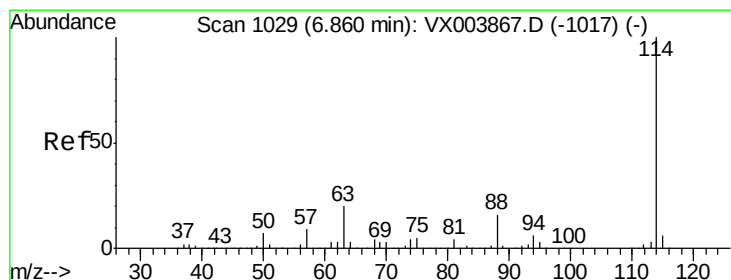
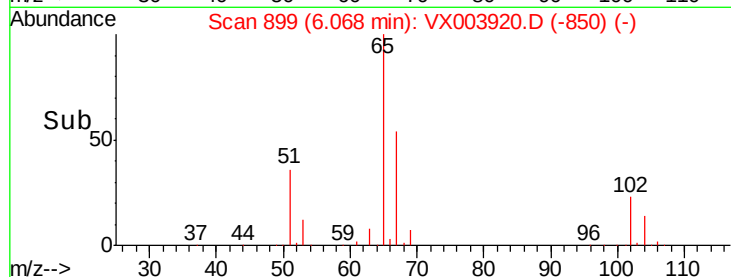
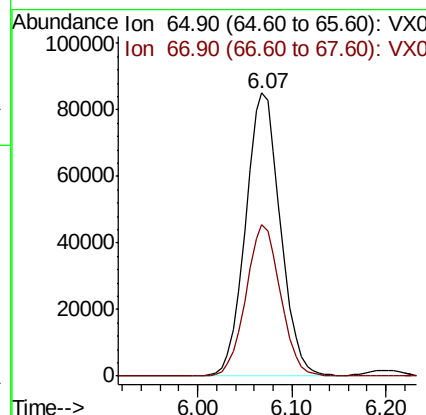
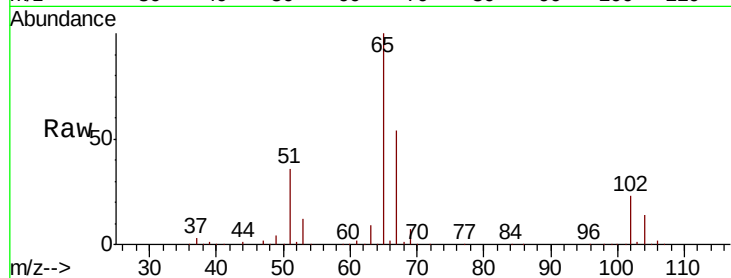




#33
 1,2-Dichloroethane-d4
 Concen: 49.21 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003920.D
 Acq: 08 Aug 2018 13:45

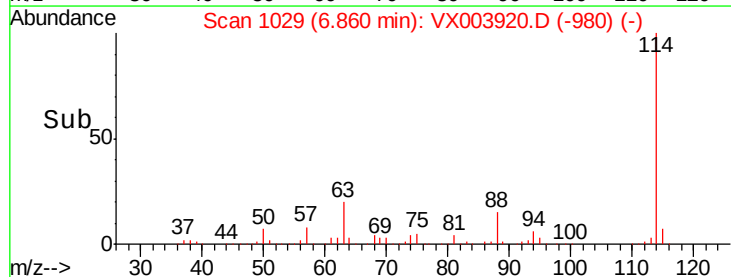
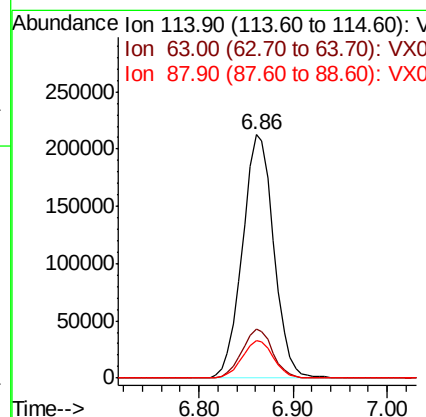
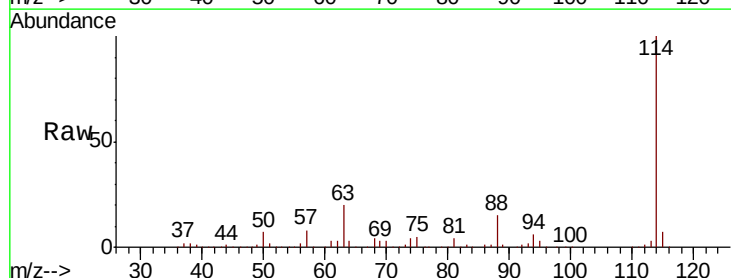
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBS02

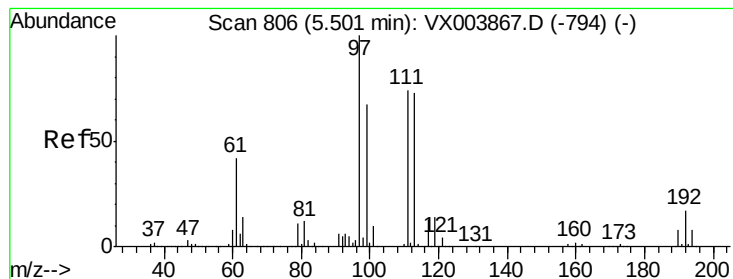
Tot Ion: 65 Resp: 219956
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003920.D
 Acq: 08 Aug 2018 13:45

Tgt Ion: 114 Resp: 495091
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 39.0
 88 15.5 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.18 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.01 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBS02

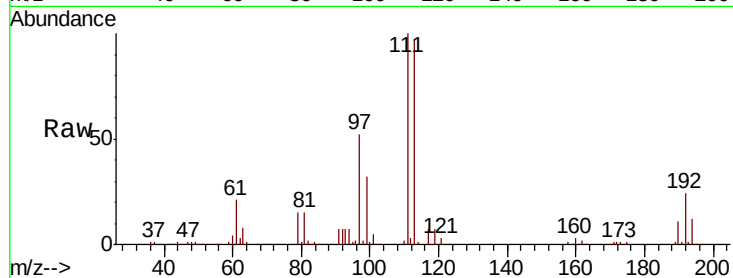
Tot Ion:113 Resp: 180715

Ion Ratio Lower Upper

113 100

111 102.5 82.0 123.0

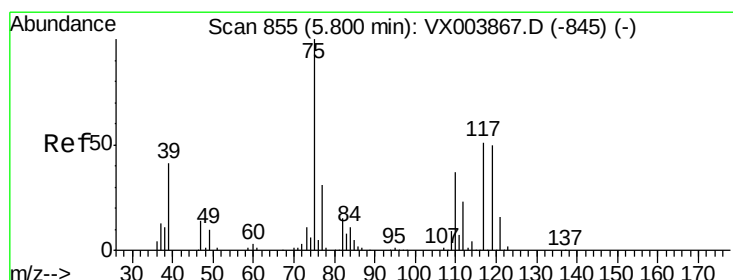
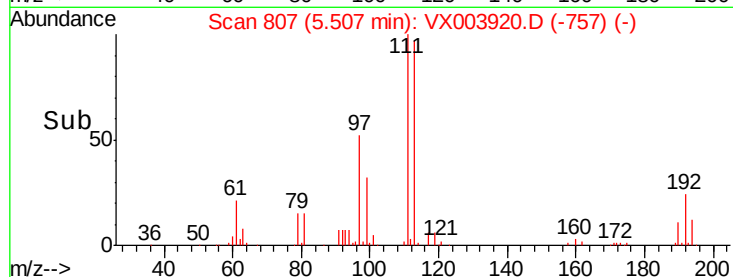
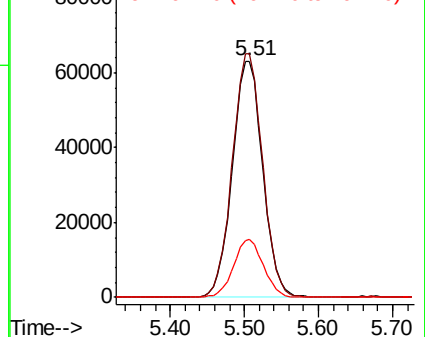
192 24.0 19.0 28.4



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: 18.42 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

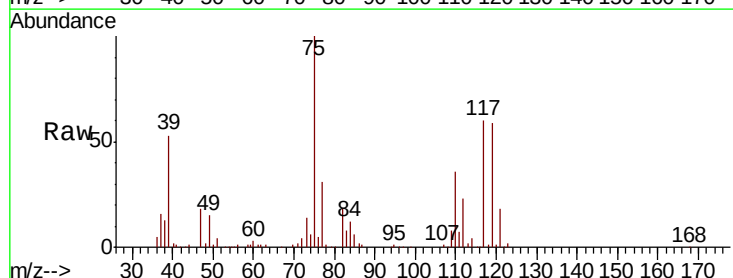
Tgt Ion: 75 Resp: 102132

Ion Ratio Lower Upper

75 100

110 37.4 18.2 54.6

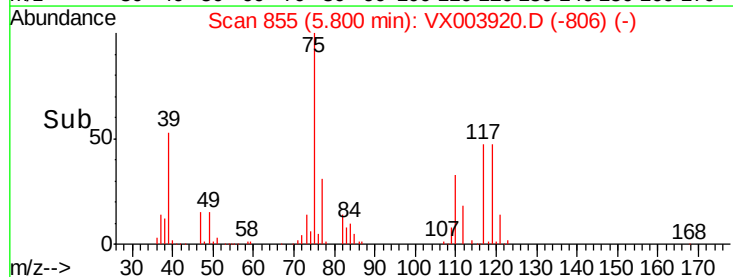
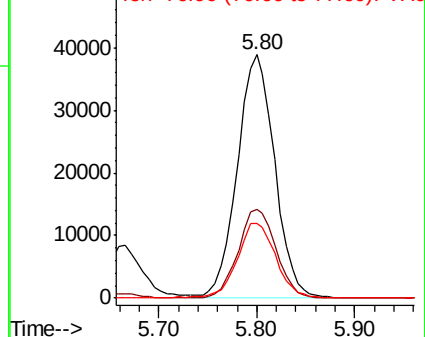
77 31.3 25.0 37.4

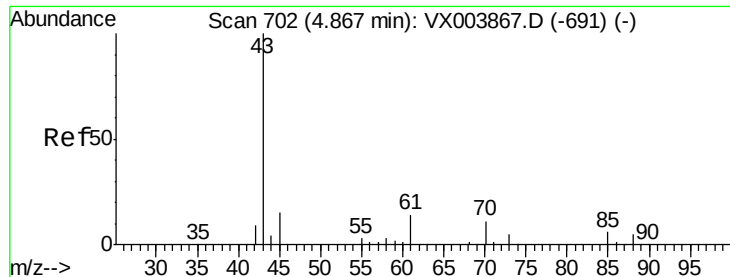


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

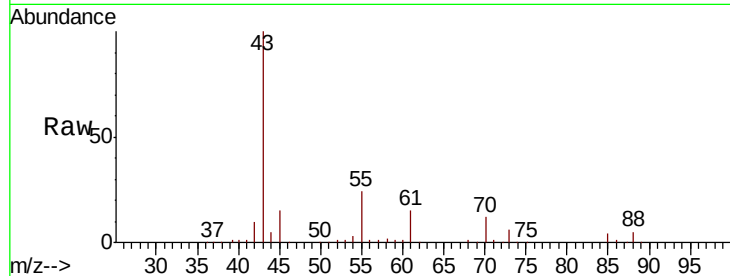




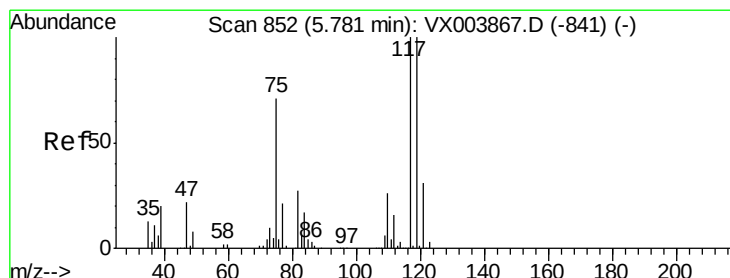
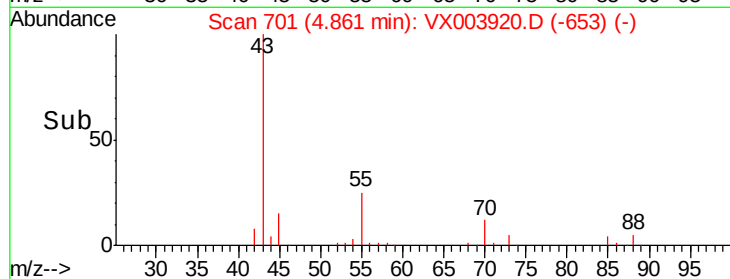
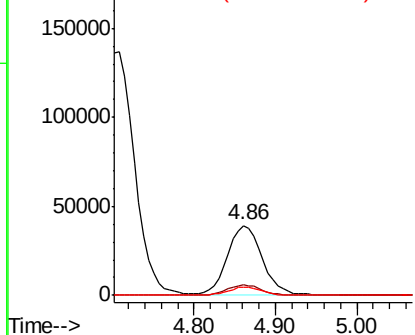
#37
Ethyl Acetate
Concen: 18.85 ug/l
RT: 4.86 min Scan# 701
Delta R.T. -0.01 min
Lab File: VX003920.D
Acq: 08 Aug 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
VX0808WBS02

Tot Ion: 43 Resp: 114982
Ion Ratio Lower Upper
43 100
61 14.9 11.5 17.3
70 11.6 9.0 13.4

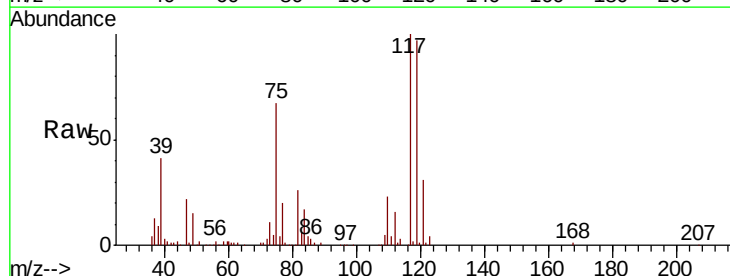


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

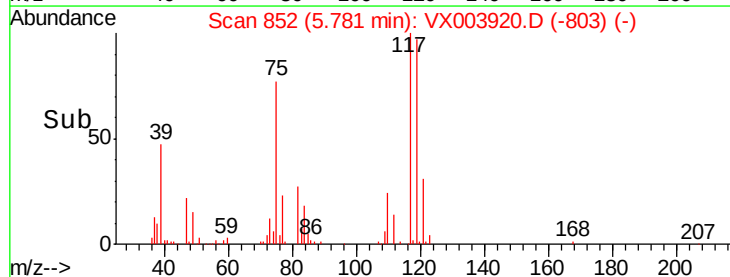
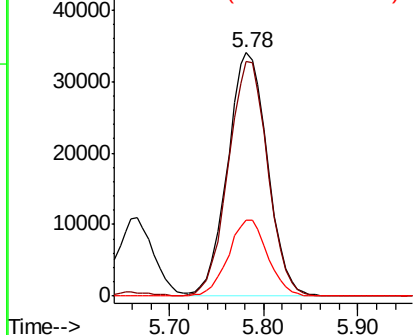


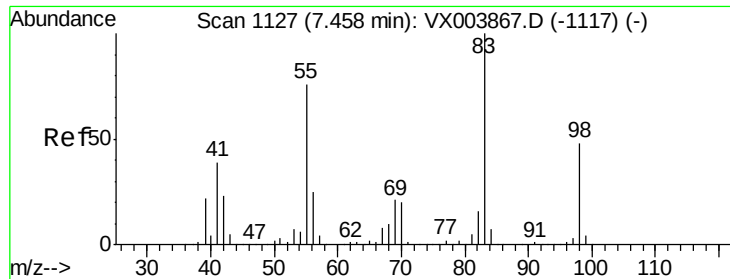
#38
Carbon Tetrachloride
Concen: 19.03 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003920.D
Acq: 08 Aug 2018 13:45

Tgt Ion: 117 Resp: 100425
Ion Ratio Lower Upper
117 100
119 96.6 79.5 119.3
121 31.0 25.0 37.4



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

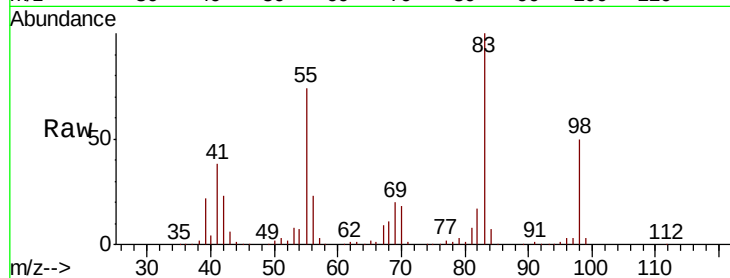




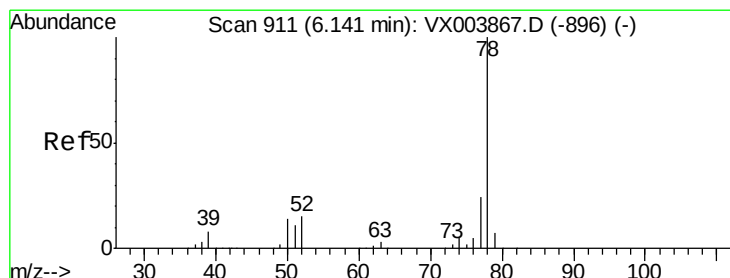
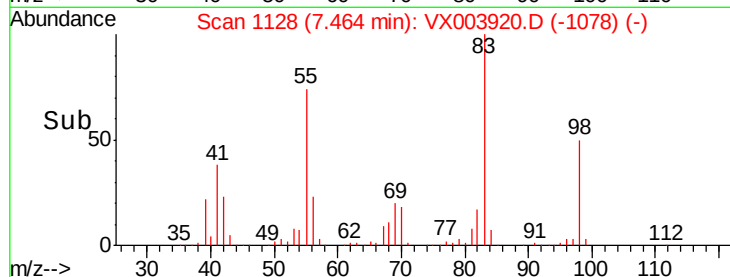
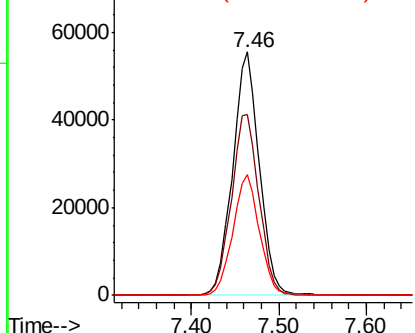
#39
Methylvlcyclohexane
Concen: 18.02 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003920.D
Acq: 08 Aug 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
VX0808WBS02

Tot Ion: 83 Resp: 117837
Ion Ratio Lower Upper
83 100
55 74.3 61.0 91.6
98 49.5 38.6 57.8

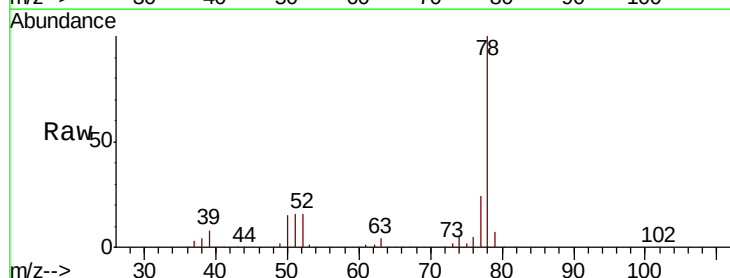


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

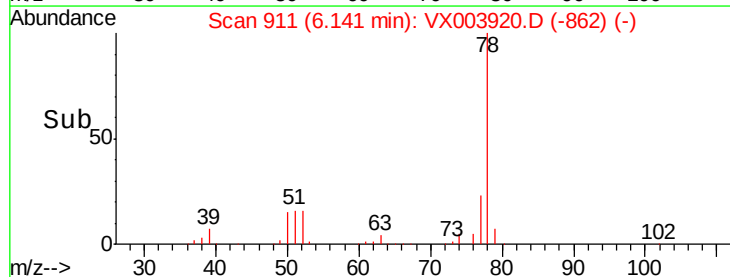
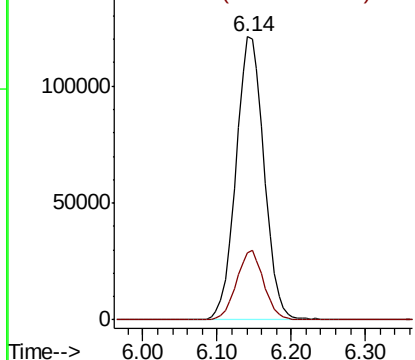


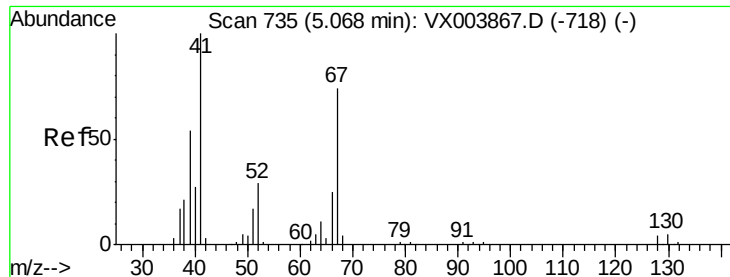
#40
Benzene
Concen: 19.27 ug/l
RT: 6.14 min Scan# 911
Delta R.T. 0.00 min
Lab File: VX003920.D
Acq: 08 Aug 2018 13:45

Tgt Ion: 78 Resp: 320845
Ion Ratio Lower Upper
78 100
77 23.8 19.0 28.4



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

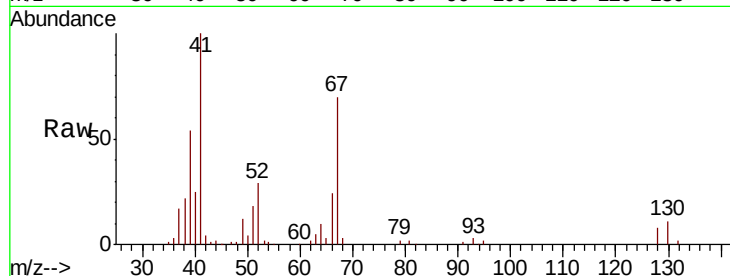




#41
Methacrylonitrile
Concen: 18.73 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003920.D
Acq: 08 Aug 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
VX0808WBS02

Tot Ion:	41	Resp:	62920
Ion	Ratio	Lower	Upper
41	100		
39	54.8	42.7	64.1
67	74.4	58.9	88.3
52	30.1	22.6	33.8



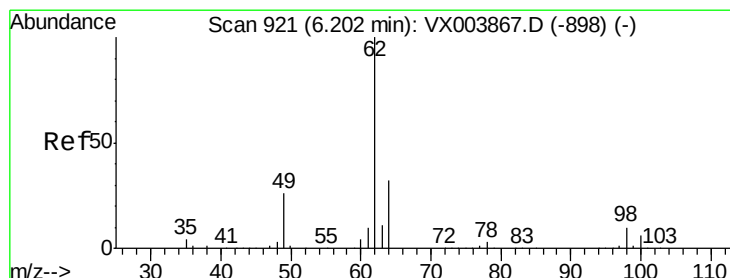
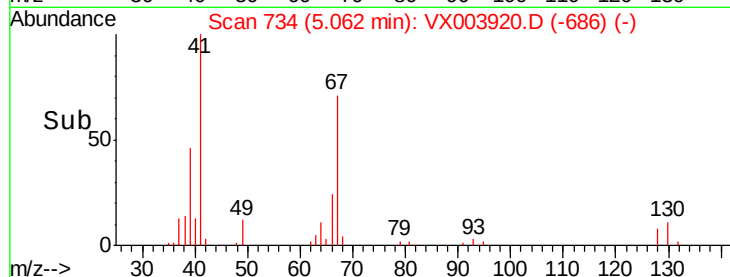
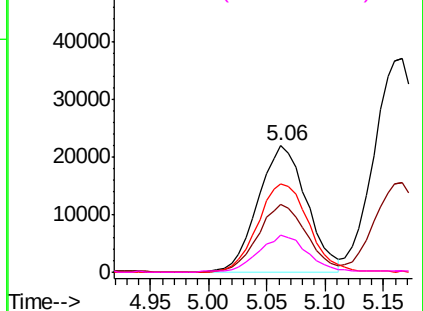
Abundance

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

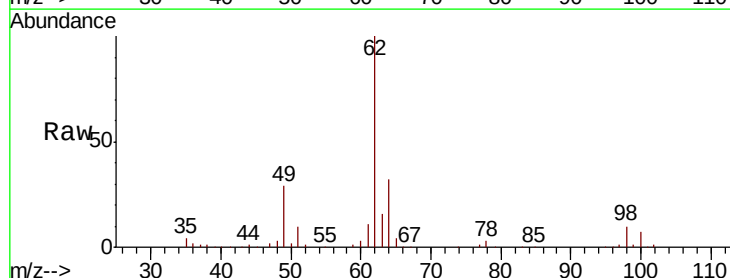
Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42
1,2-Dichloroethane
Concen: 19.81 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003920.D
Acq: 08 Aug 2018 13:45

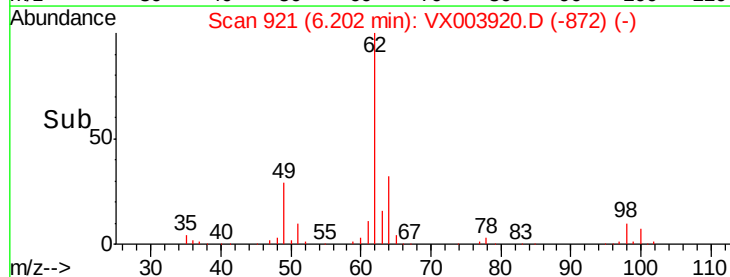
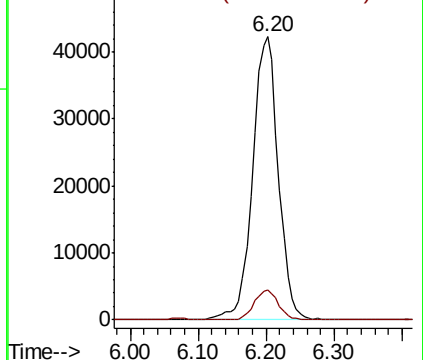
Tgt Ion:	62	Resp:	111544
Ion	Ratio	Lower	Upper
62	100		
98	10.0	0.0	20.4

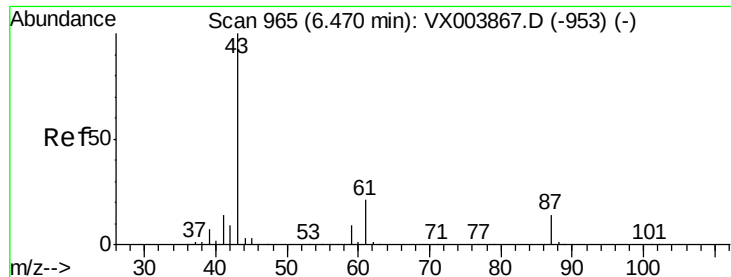


Abundance

Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



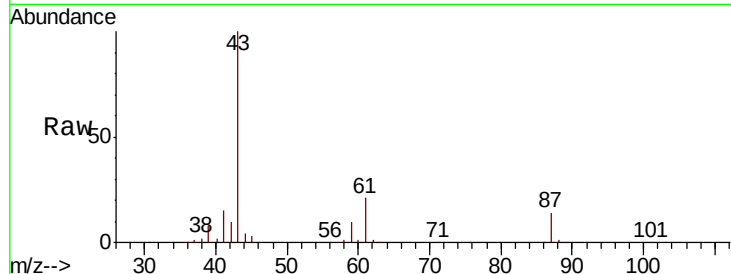


#43

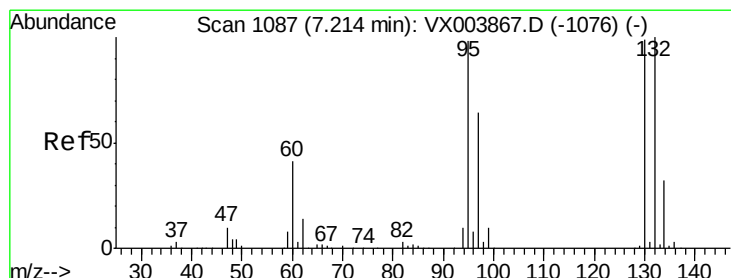
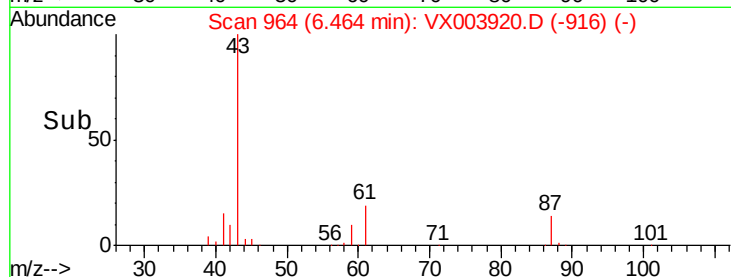
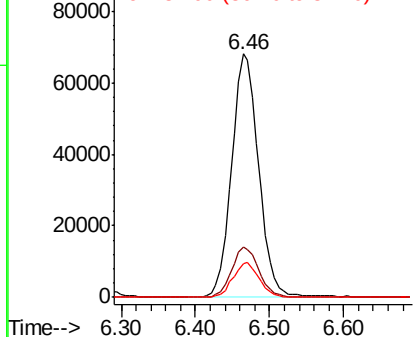
Isopropyl Acetate
 Concen: 18.72 ug/l
 RT: 6.46 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: VX003920.D
 Acq: 08 Aug 2018 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBS02

Tot Ion: 43 Resp: 171789
 Ion Ratio Lower Upper
 43 100
 61 21.0 16.9 25.3
 87 14.0 11.3 16.9



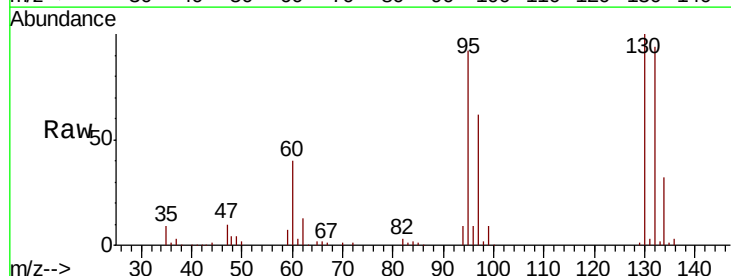
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



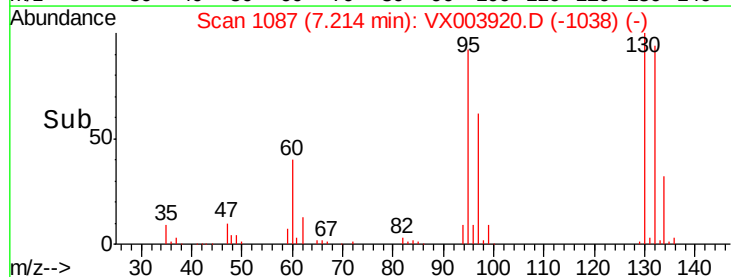
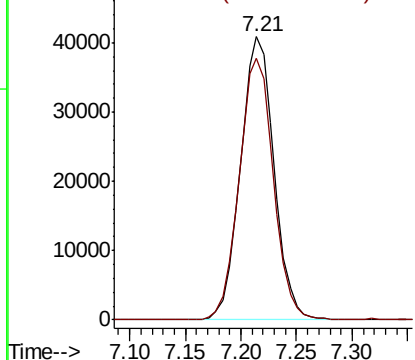
#44

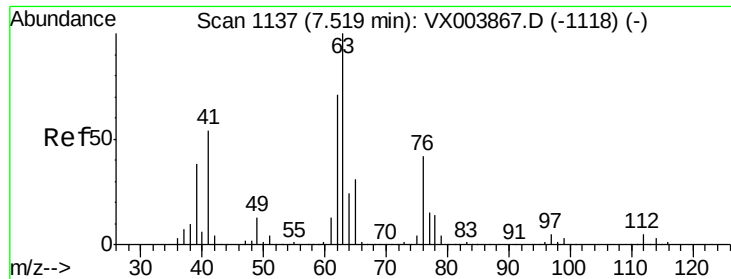
Trichloroethene
 Concen: 18.77 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. 0.00 min
 Lab File: VX003920.D
 Acq: 08 Aug 2018 13:45

Tgt Ion:130 Resp: 85461
 Ion Ratio Lower Upper
 130 100
 95 92.2 0.0 199.4



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

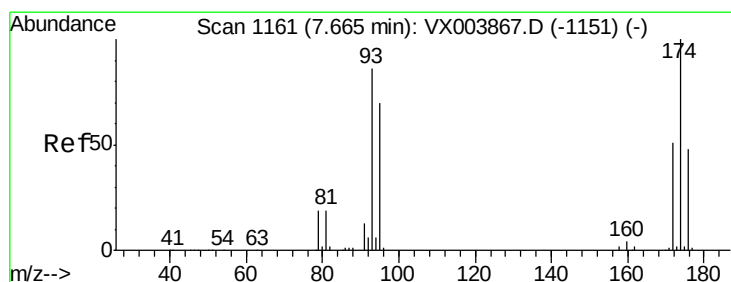
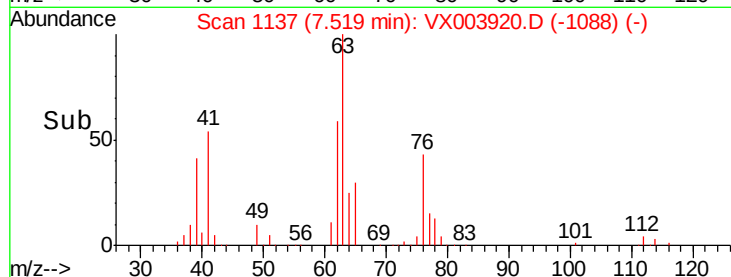
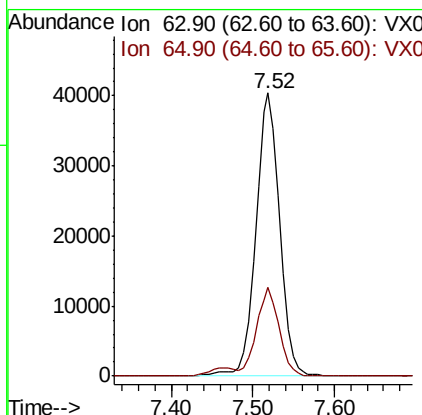
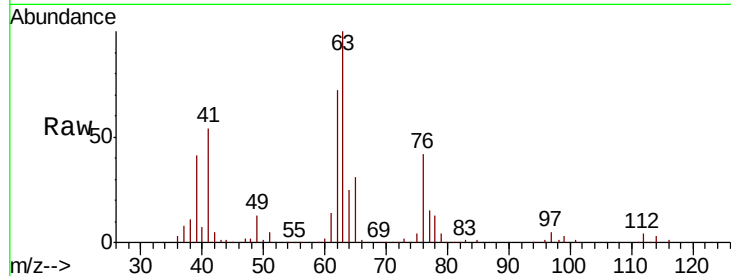




#45
 1,2-Dichloropropane
 Concen: 19.14 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003920.D
 Acq: 08 Aug 2018 13:45

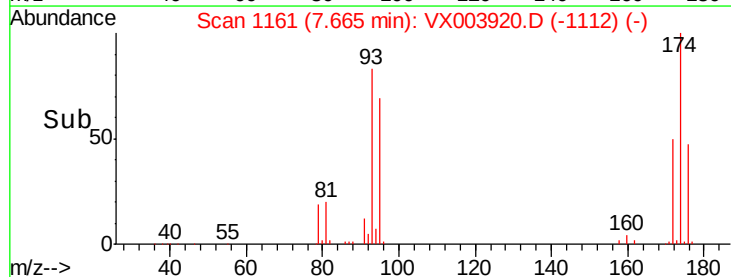
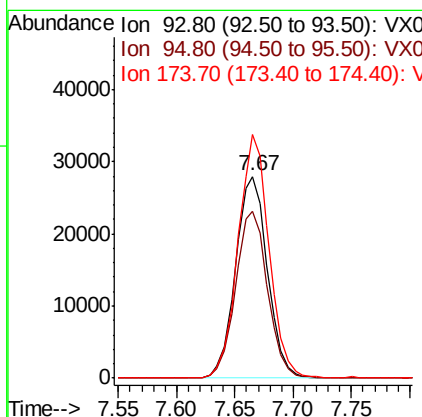
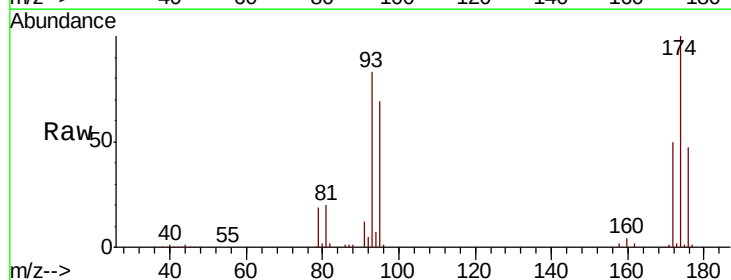
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBS02

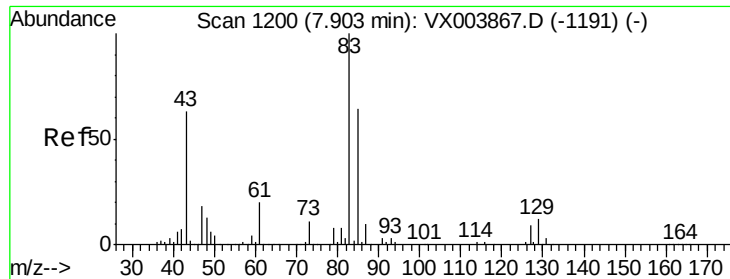
Tot Ion: 63 Resp: 82309
 Ion Ratio Lower Upper
 63 100
 65 31.4 24.6 36.8



#46
 Dibromomethane
 Concen: 19.09 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003920.D
 Acq: 08 Aug 2018 13:45

Tgt Ion: 93 Resp: 53285
 Ion Ratio Lower Upper
 93 100
 95 83.5 66.4 99.6
 174 117.5 94.3 141.5





#47

Bromodichloromethane

Concen: 18.95 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBS02

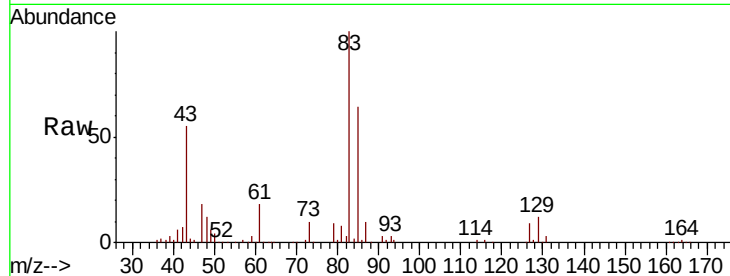
Tot Ion: 83 Resp: 99634

Ion Ratio Lower Upper

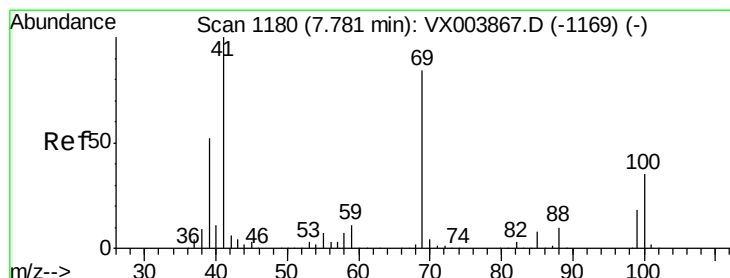
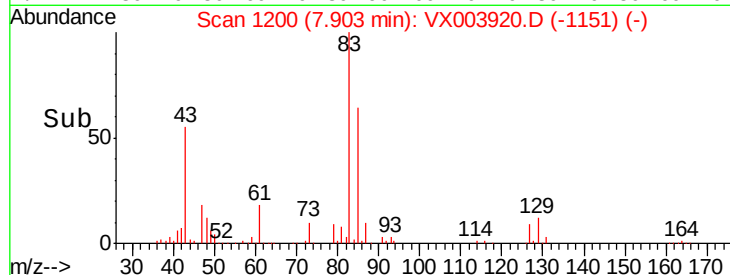
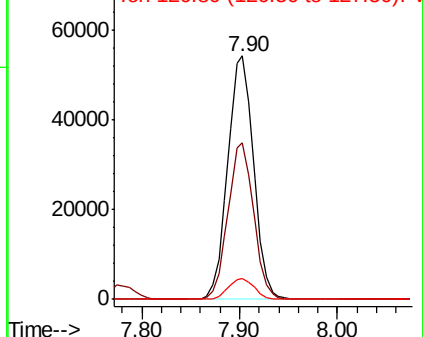
83 100

85 64.1 51.2 76.8

127 8.5 7.2 10.8



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: 18.92 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

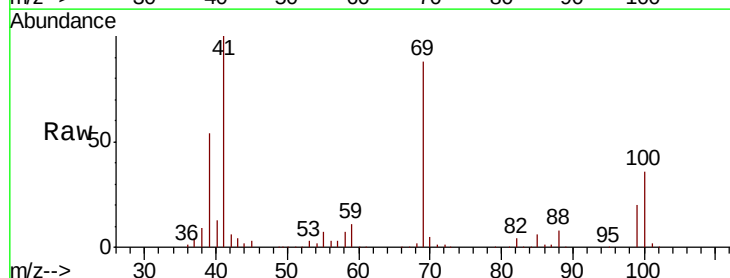
Tgt Ion: 41 Resp: 88274

Ion Ratio Lower Upper

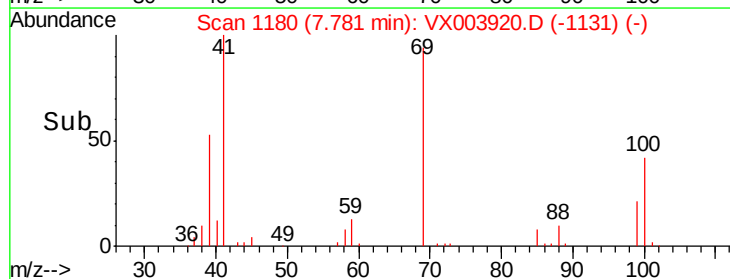
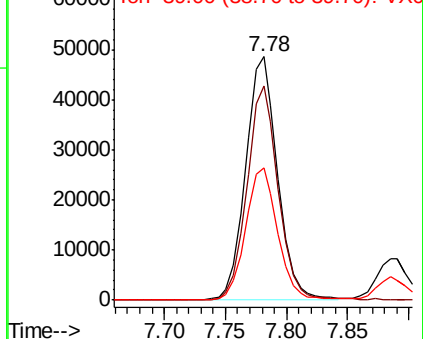
41 100

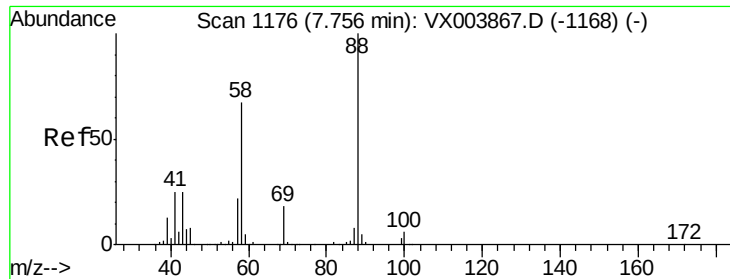
69 85.9 68.8 103.2

39 54.3 42.3 63.5



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

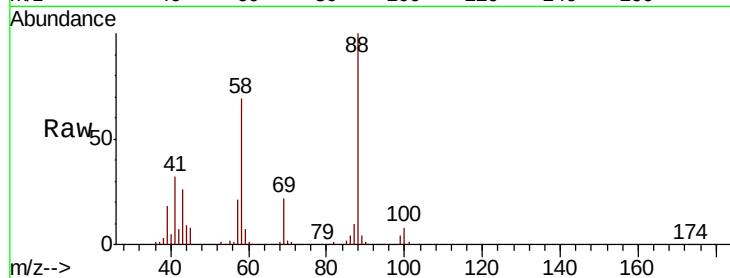




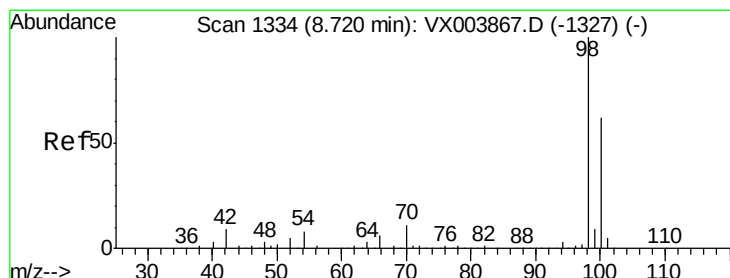
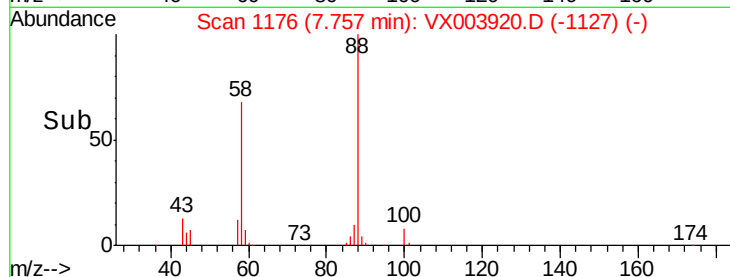
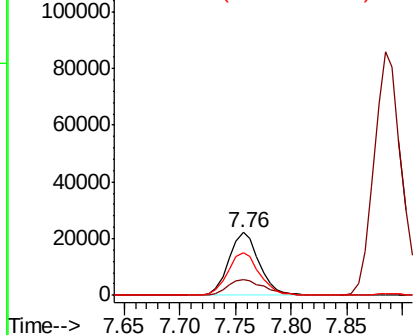
#49
1,4-Dioxane
Concen: 382.61 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003920.D
Acq: 08 Aug 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
VX0808WBS02

Tot Ion: 88 Resp: 42055
Ion Ratio Lower Upper
88 100
43 30.7 23.8 35.8
58 71.1 55.4 83.0

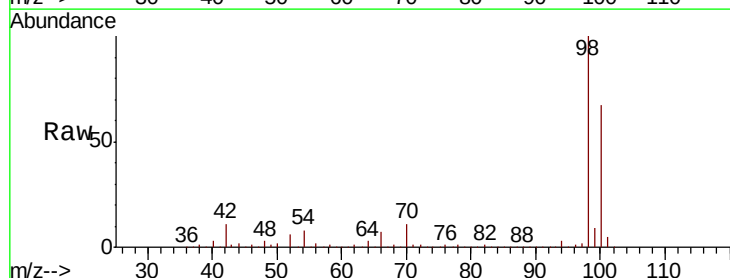


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

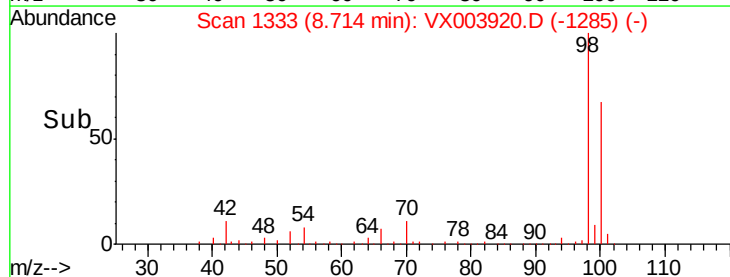
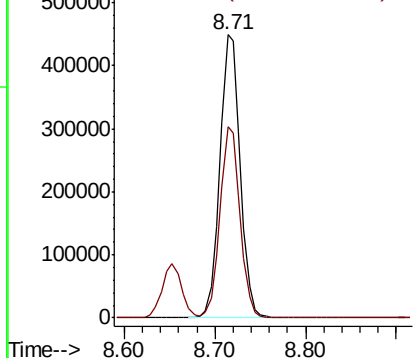


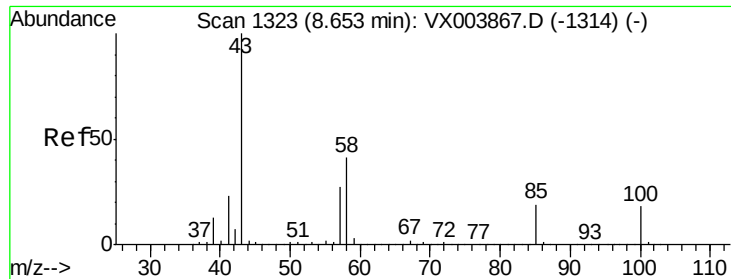
#50
Toluene-d8
Concen: 48.03 ug/l
RT: 8.71 min Scan# 1333
Delta R.T. -0.01 min
Lab File: VX003920.D
Acq: 08 Aug 2018 13:45

Tgt Ion: 98 Resp: 700534
Ion Ratio Lower Upper
98 100
100 66.8 53.3 79.9



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





#51

4-Methyl-2-Pentanone

Concen: 98.12 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampled :

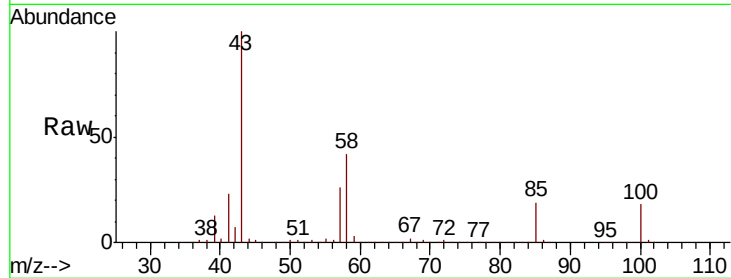
VX0808WBS02

Tot Ion: 43 Resp: 746566

Ion Ratio Lower Upper

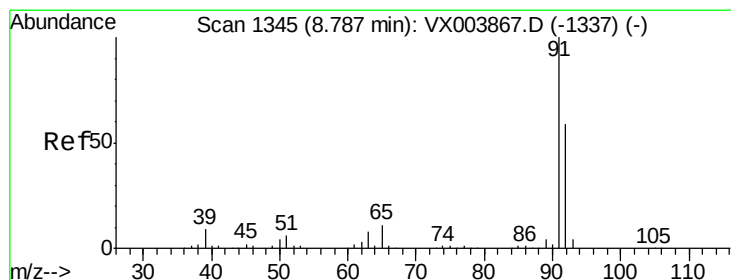
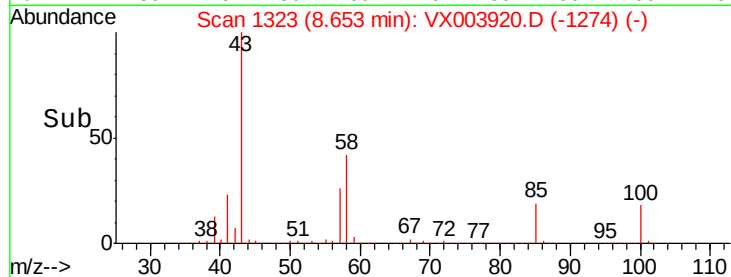
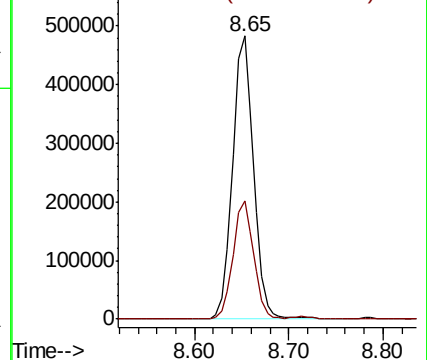
43 100

58 41.0 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.46 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003920.D

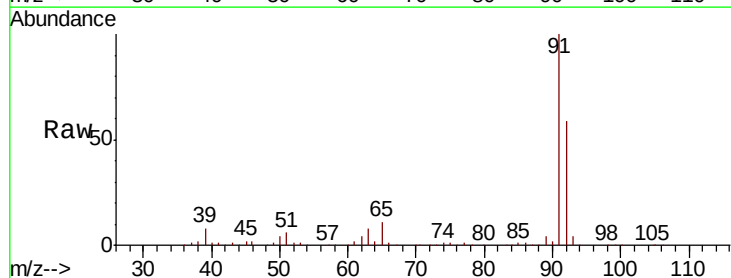
Acq: 08 Aug 2018 13:45

Tgt Ion: 92 Resp: 204715

Ion Ratio Lower Upper

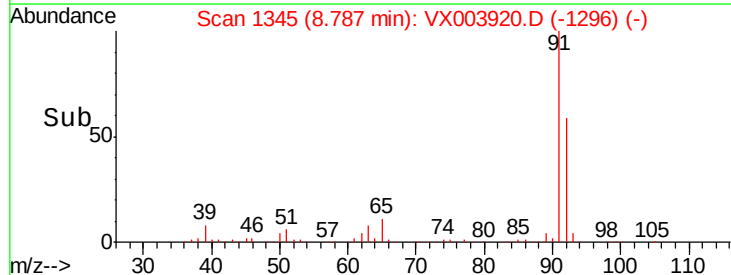
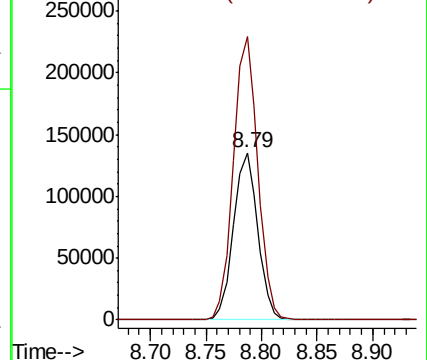
92 100

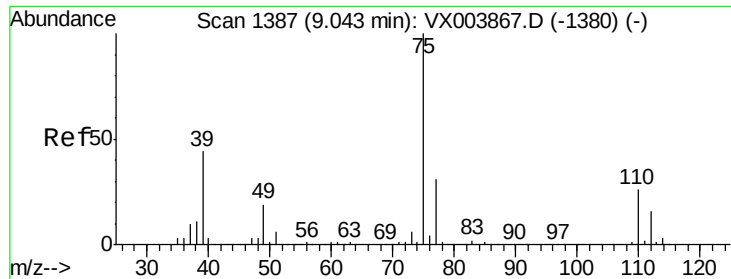
91 170.3 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 18.63 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampled :

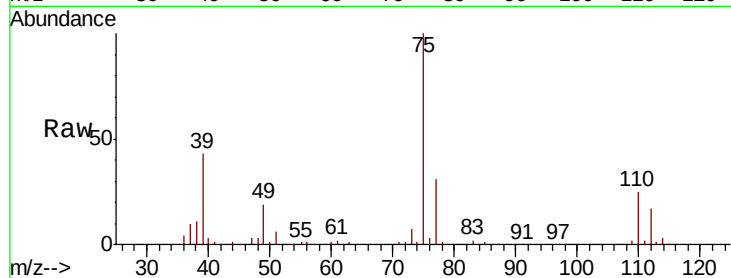
VX0808WBS02

Tot Ion: 75 Resp: 110727

Ion Ratio Lower Upper

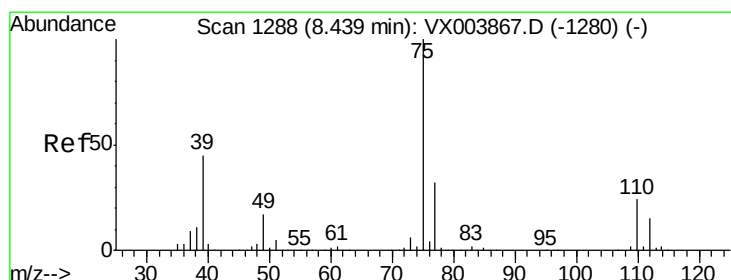
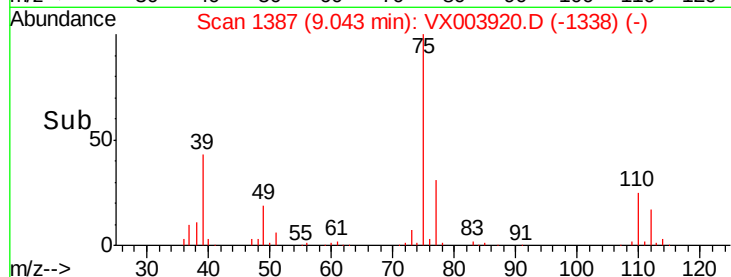
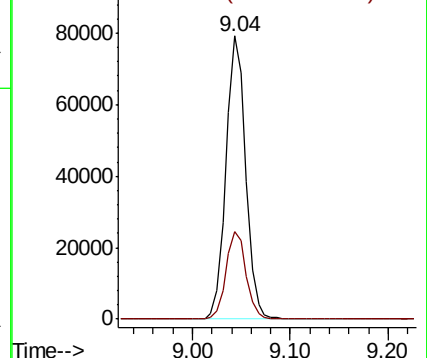
75 100

77 31.0 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 19.19 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

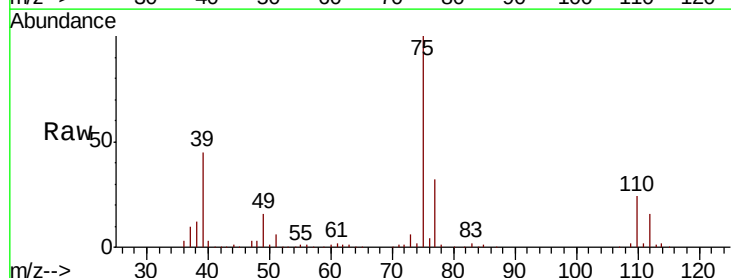
Tgt Ion: 75 Resp: 122983

Ion Ratio Lower Upper

75 100

77 31.7 25.3 37.9

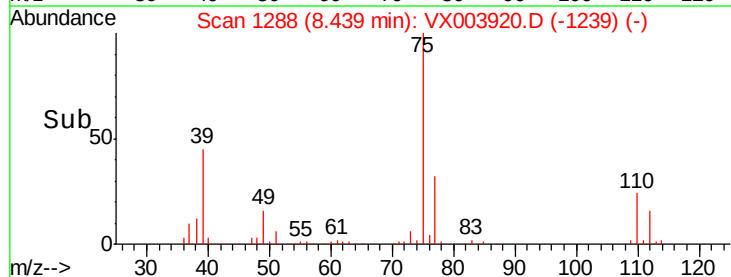
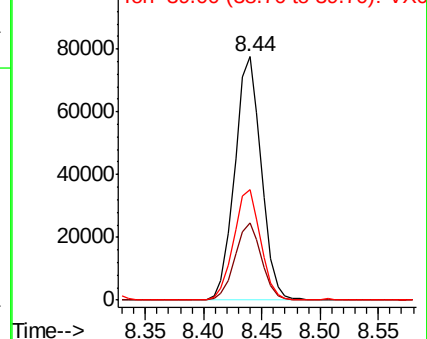
39 44.9 36.2 54.2

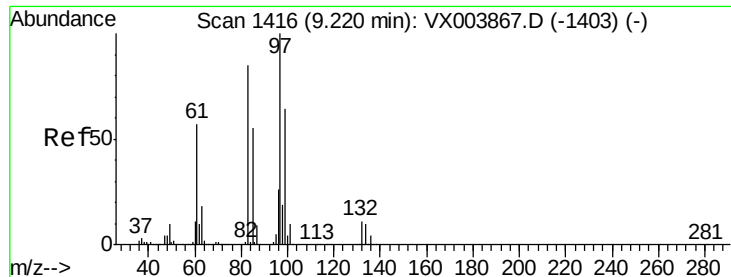


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



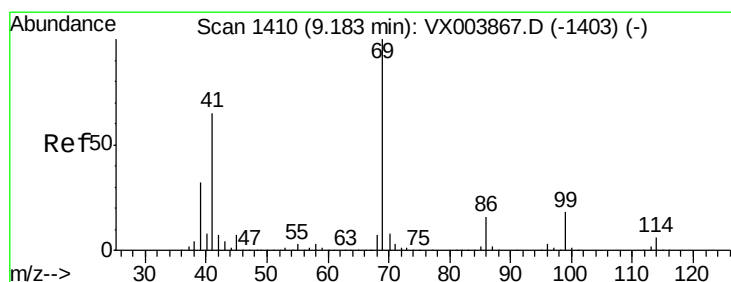
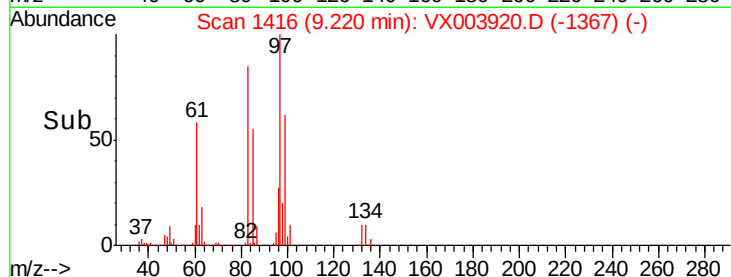
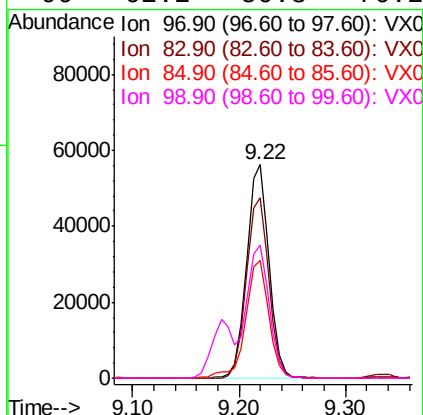
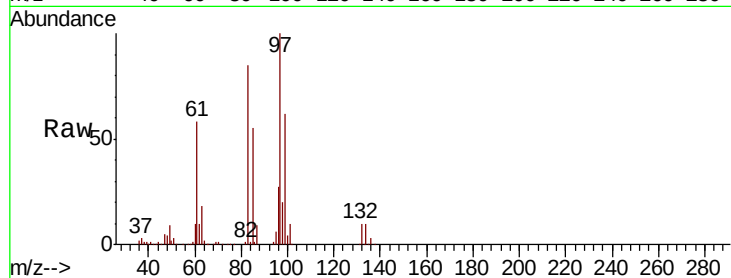


#55
 1,1,2-Trichloroethane
 Concen: 19.37 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003920.D
 Acq: 08 Aug 2018 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBS02

Tot Ion: 97 Resp: 83292

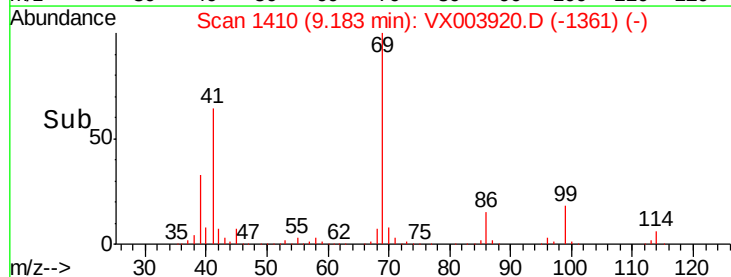
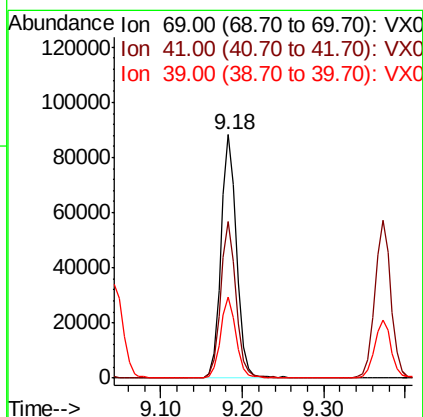
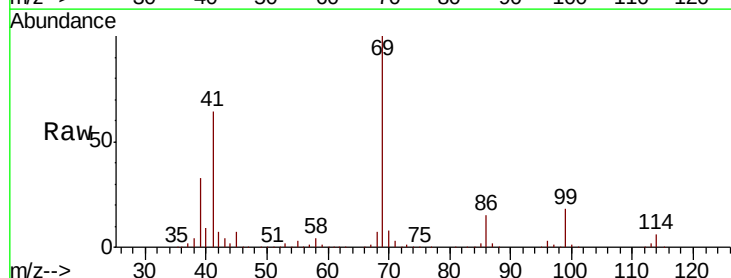
Ion	Ratio	Lower	Upper
97	100		
83	84.7	67.8	101.6
85	54.9	44.2	66.2
99	62.2	50.8	76.2

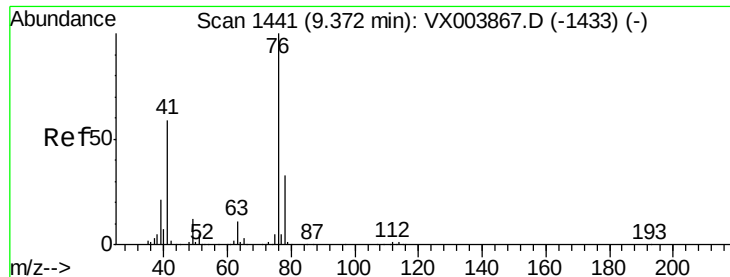


#56
 Ethyl methacrylate
 Concen: 18.91 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003920.D
 Acq: 08 Aug 2018 13:45

Tgt Ion: 69 Resp: 117967

Ion	Ratio	Lower	Upper
69	100		
41	63.2	50.6	76.0
39	33.0	25.8	38.6





#57

1,3-Dichloropropane

Concen: 19.54 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

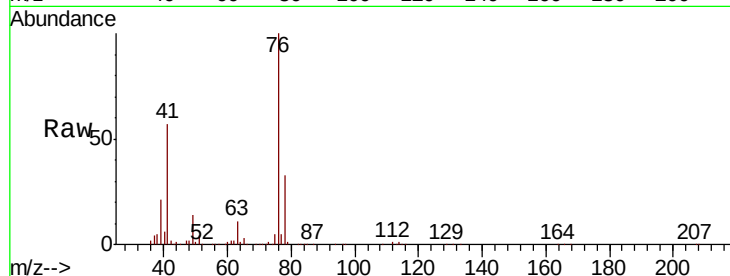
VX0808WBS02

Tot Ion: 76 Resp: 140562

Ion Ratio Lower Upper

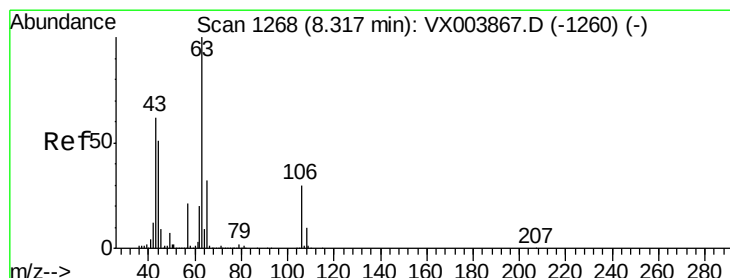
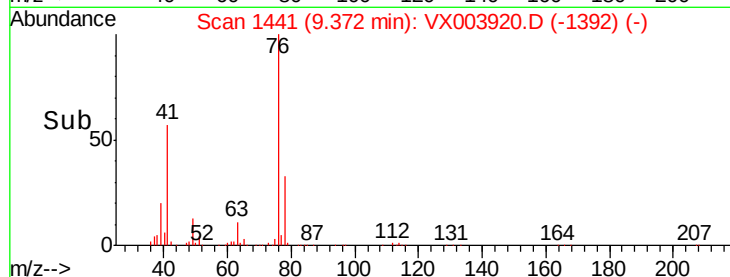
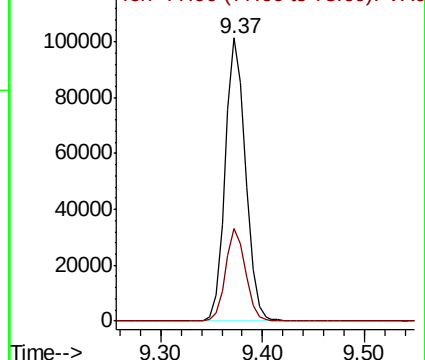
76 100

78 32.2 25.9 38.9



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: 100.71 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003920.D

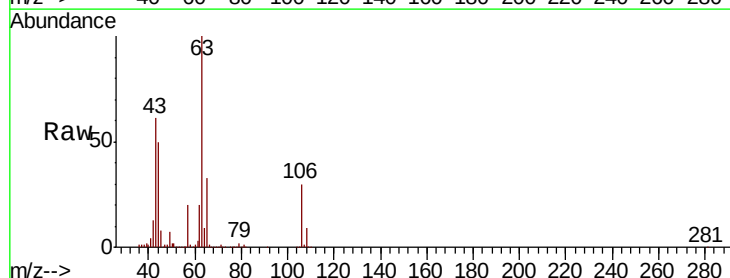
Acq: 08 Aug 2018 13:45

Tgt Ion: 63 Resp: 308915

Ion Ratio Lower Upper

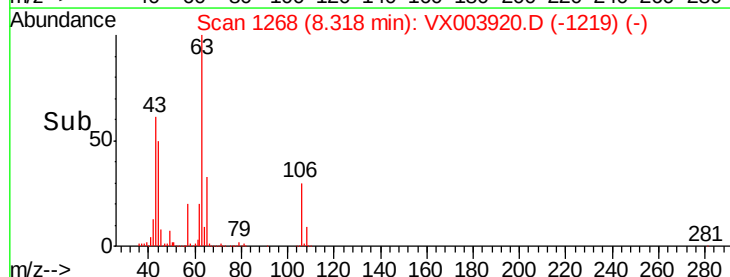
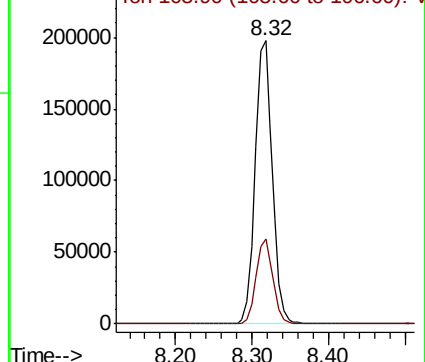
63 100

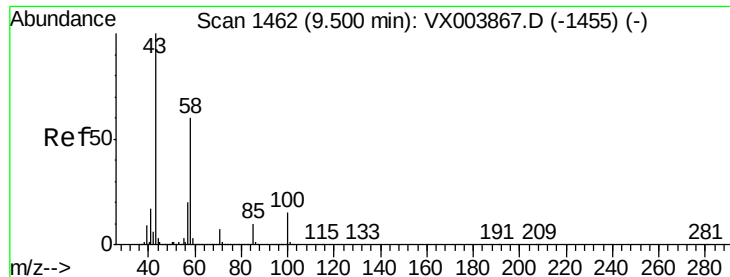
106 29.3 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

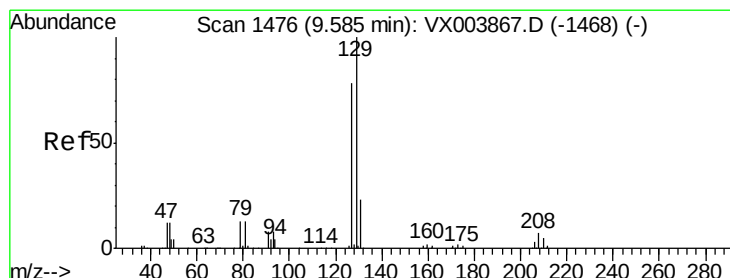
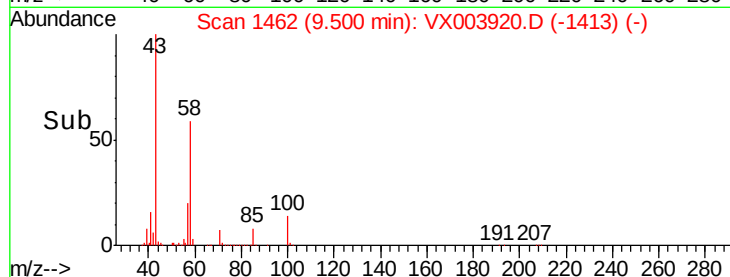
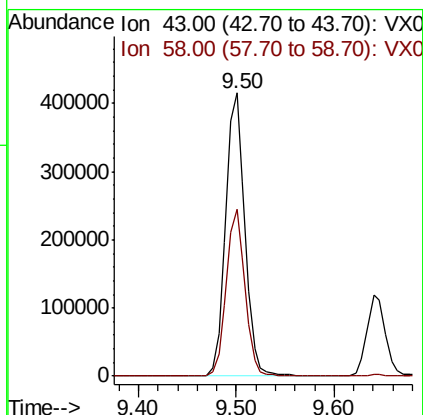
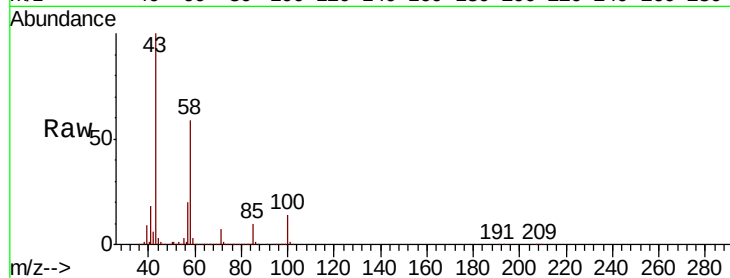




#59
2-Hexanone
Concen: 99.58 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003920.D
Acq: 08 Aug 2018 13:45

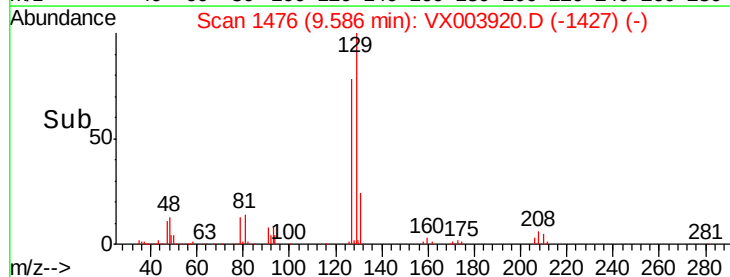
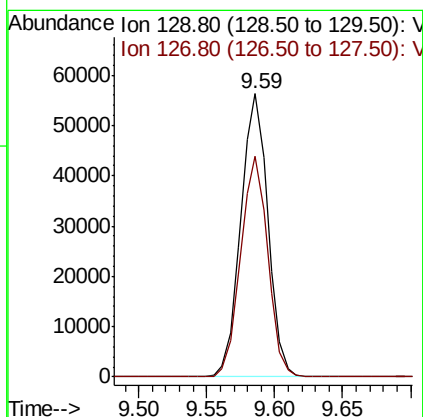
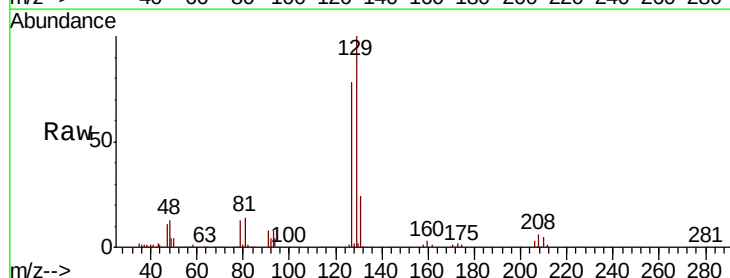
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBS02

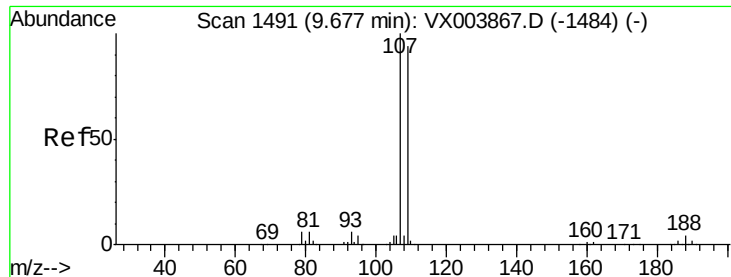
Tot Ion: 43 Resp: 566318
Ion Ratio Lower Upper
43 100
58 57.6 29.0 87.0



#60
Dibromochloromethane
Concen: 19.56 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003920.D
Acq: 08 Aug 2018 13:45

Tgt Ion: 129 Resp: 78390
Ion Ratio Lower Upper
129 100
127 77.6 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.00 ug/l

RT: 9.67 min Scan# 1490

Delta R.T. -0.01 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

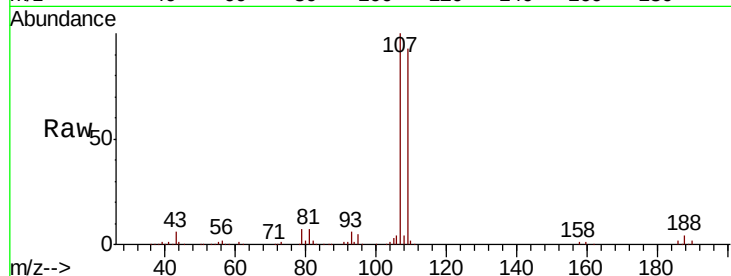
VX0808WBS02

Tot Ion:107 Resp: 86099

Ion Ratio Lower Upper

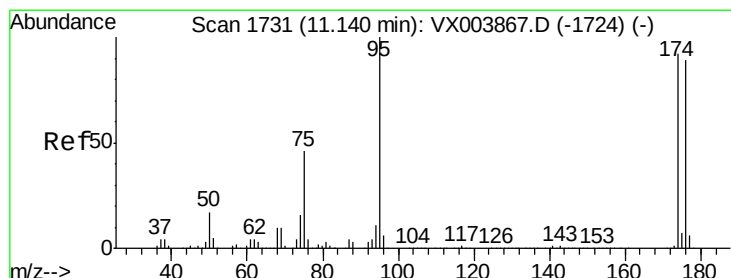
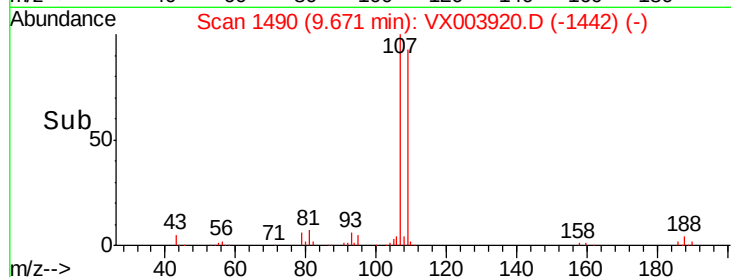
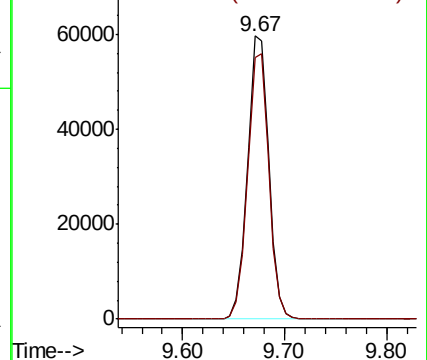
107 100

109 94.1 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 54.32 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

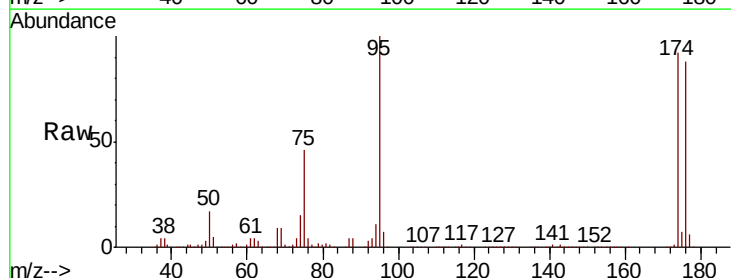
Tgt Ion: 95 Resp: 256385

Ion Ratio Lower Upper

95 100

174 90.4 0.0 182.8

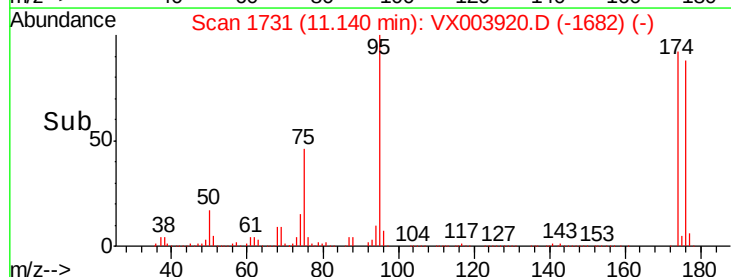
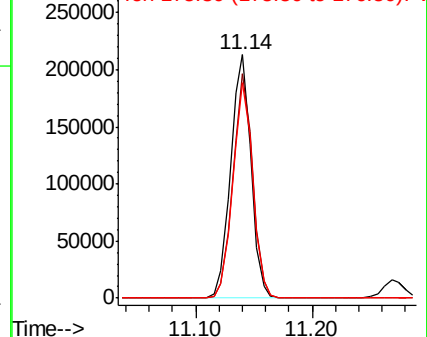
176 87.4 0.0 179.0

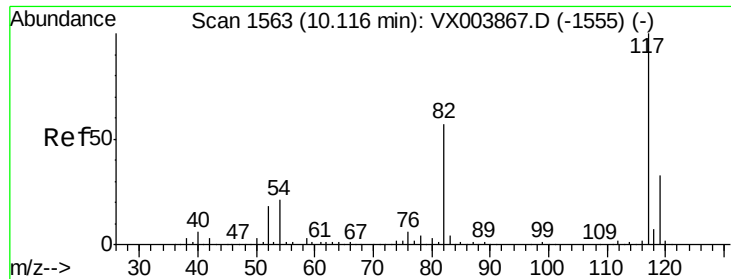


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

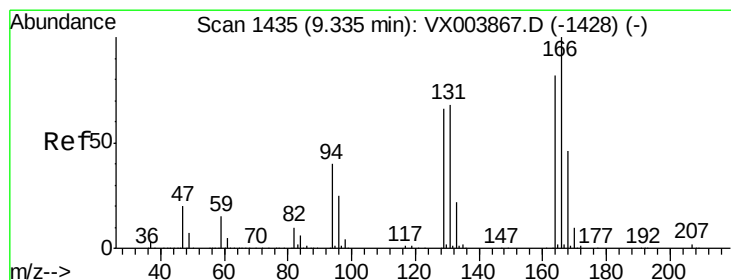
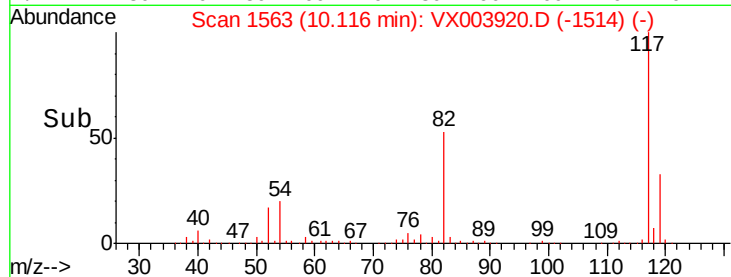
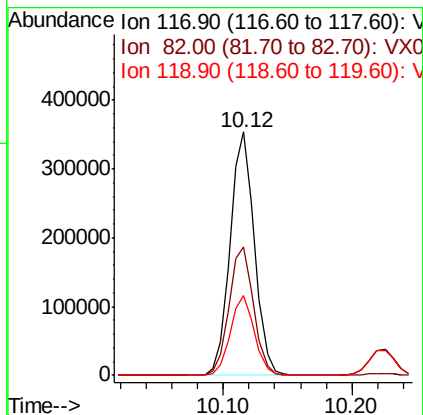
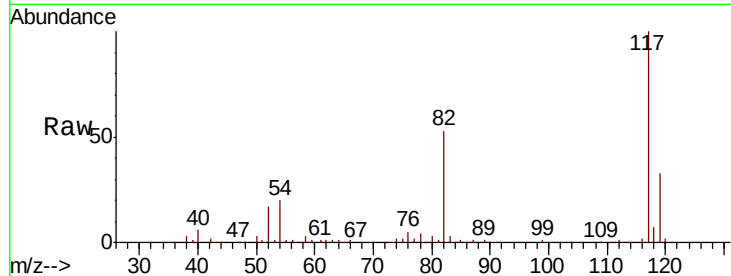




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003920.D
Acq: 08 Aug 2018 13:45

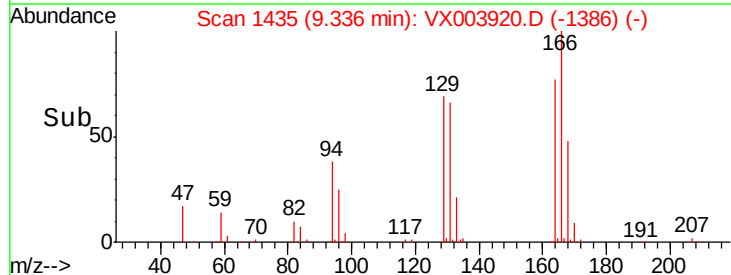
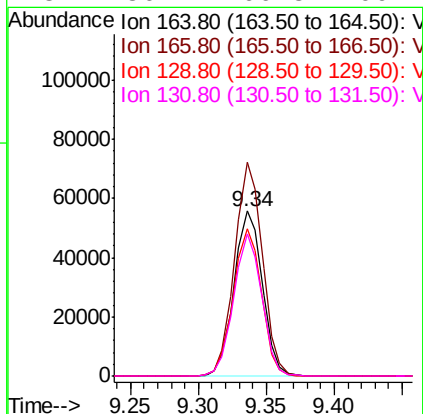
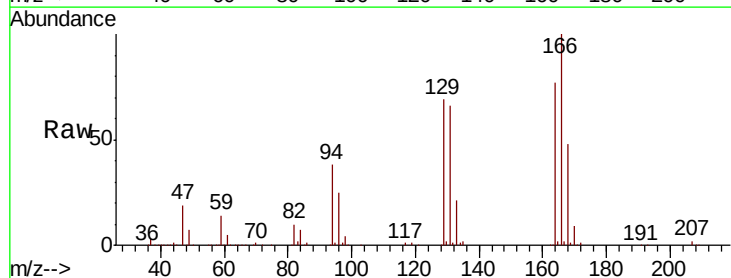
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBS02

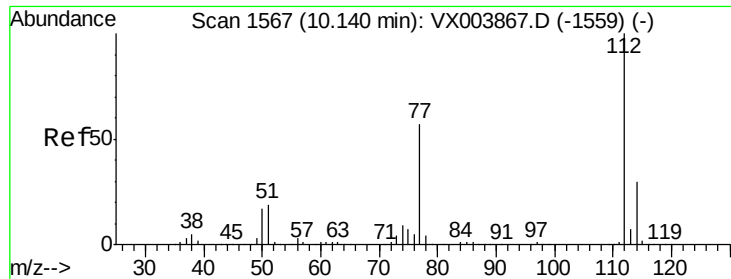
Tot Ion:117 Resp: 465757
Ion Ratio Lower Upper
117 100
82 52.9 45.4 68.0
119 32.9 26.6 40.0



#64
Tetrachloroethene
Concen: 17.58 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003920.D
Acq: 08 Aug 2018 13:45

Tgt Ion:164 Resp: 80548
Ion Ratio Lower Upper
164 100
166 129.7 98.0 147.0
129 89.5 64.3 96.5
131 86.1 66.8 100.2





#65

Chlorobenzene

Concen: 18.80 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

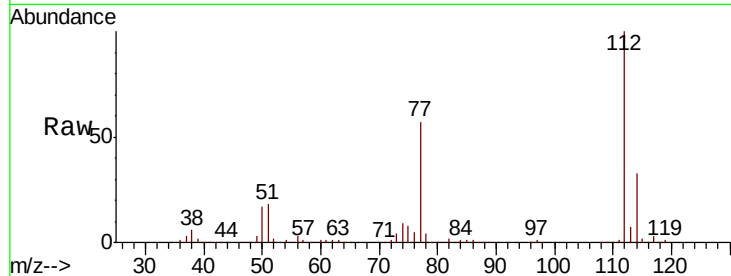
VX0808WBS02

Tot Ion:112 Resp: 227809

Ion Ratio Lower Upper

112 100

114 32.6 23.6 35.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

200000

150000

100000

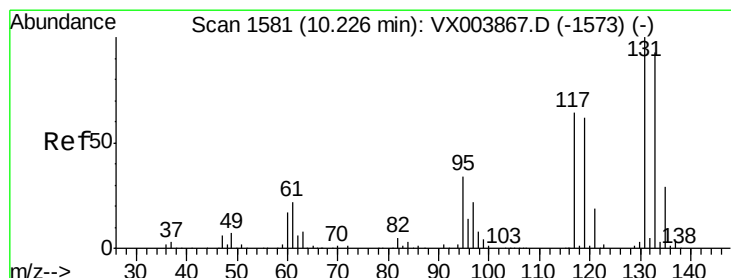
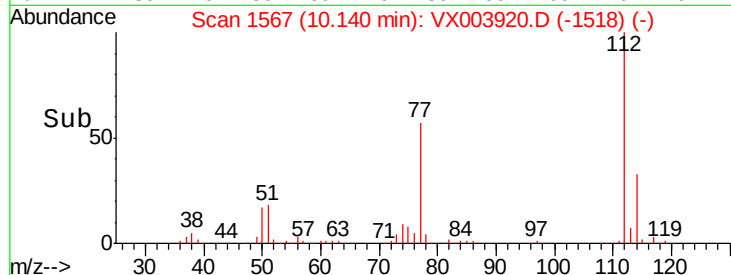
50000

0

10.14

10.10 10.20 10.30

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.08 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

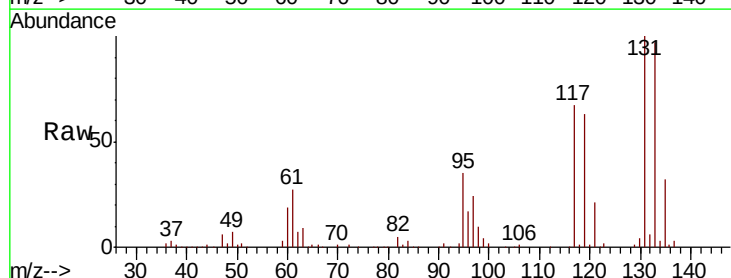
Tgt Ion:131 Resp: 79507

Ion Ratio Lower Upper

131 100

133 95.0 47.3 141.8

119 64.2 31.6 94.8



Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

100000

80000

60000

40000

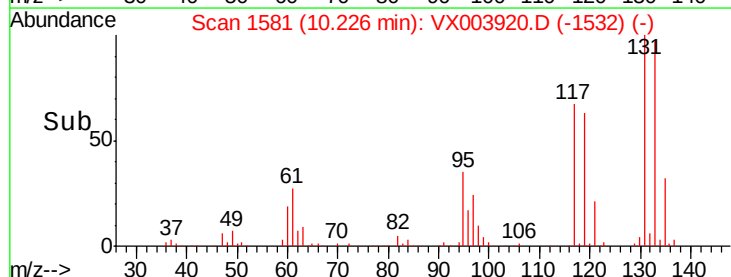
20000

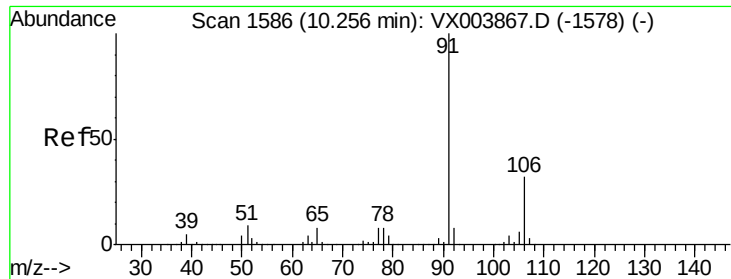
0

10.23

10.20 10.30

Time-->





#67

Ethyl Benzene

Concen: 19.03 ug/l

RT: 10.25 min Scan# 1585

Delta R.T. -0.01 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampled :

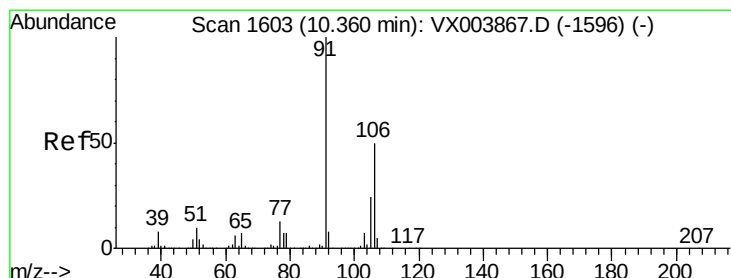
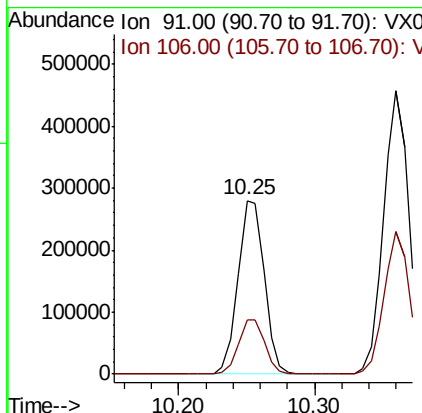
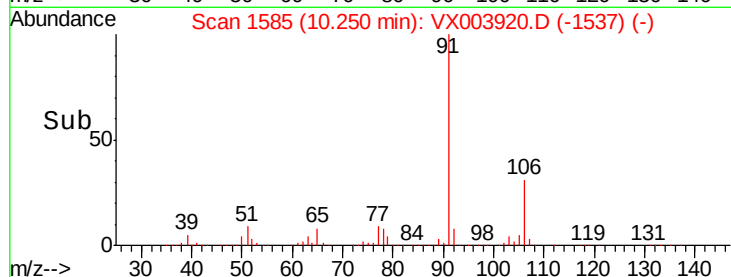
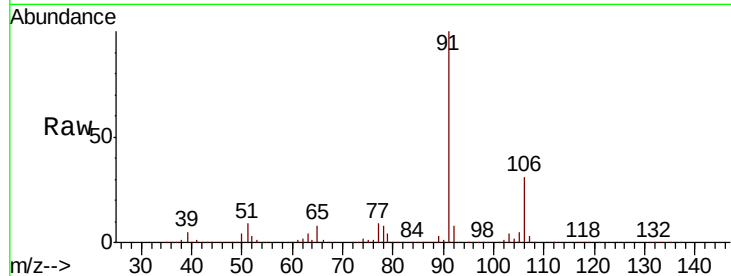
VX0808WBS02

Tot Ion: 91 Resp: 377518

Ion Ratio Lower Upper

91 100

106 31.1 25.9 38.9



#68

m/p-Xylenes

Concen: 38.57 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003920.D

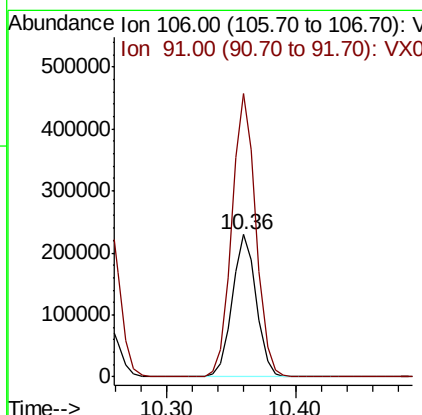
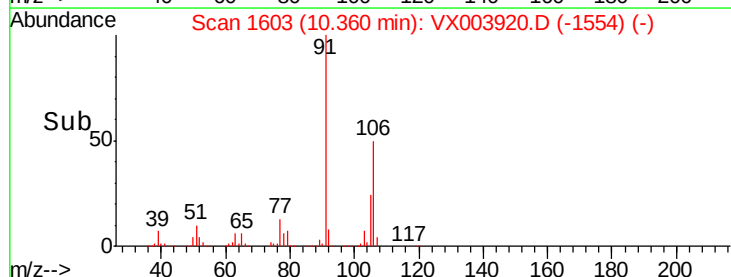
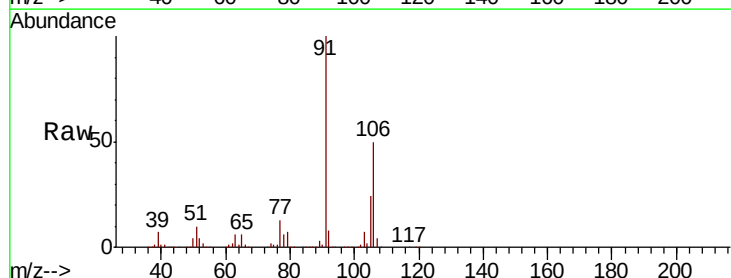
Acq: 08 Aug 2018 13:45

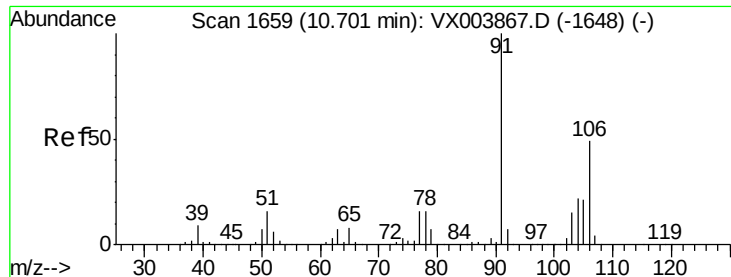
Tgt Ion: 106 Resp: 299021

Ion Ratio Lower Upper

106 100

91 198.7 162.3 243.5

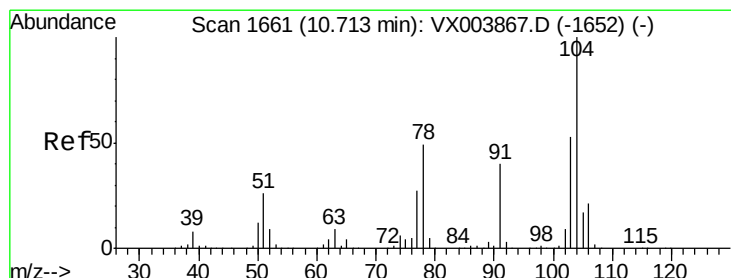
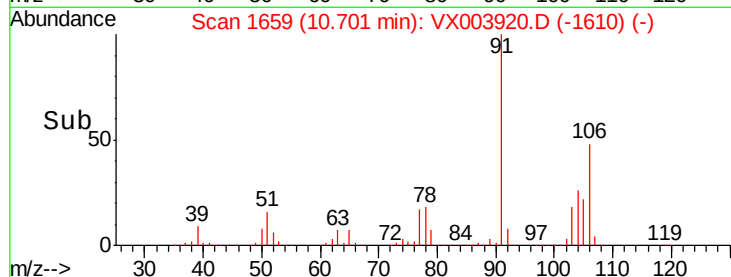
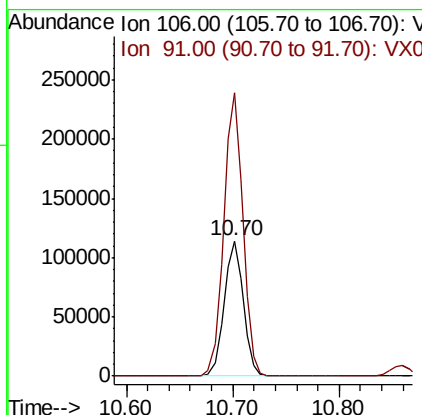
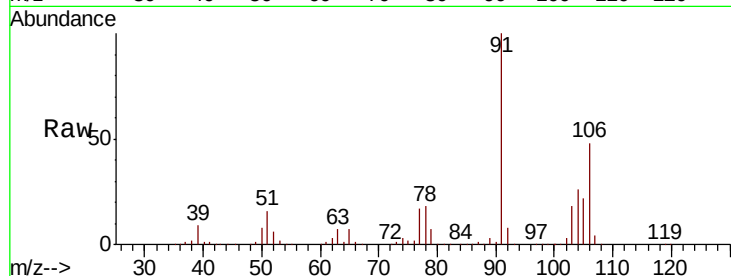




#69
o-Xylene
Concen: 19.54 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003920.D
Acq: 08 Aug 2018 13:45

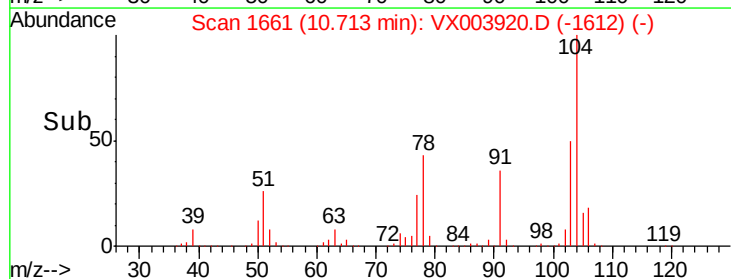
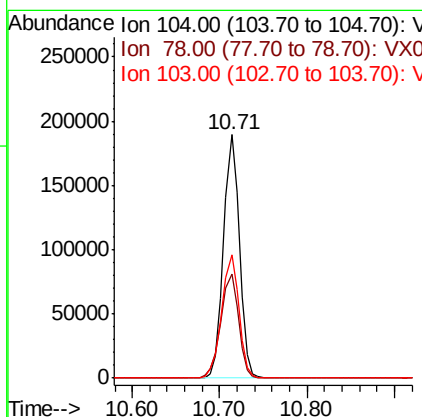
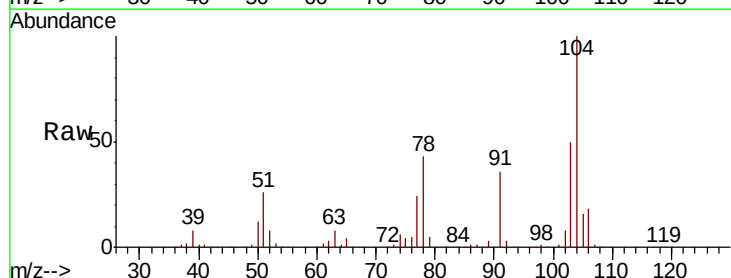
Instrument :
MSVOA_X
ClientSampled :
VX0808WBS02

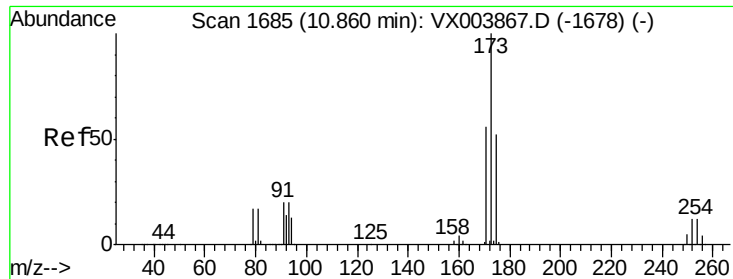
Tot Ion:106 Resp: 142999
Ion Ratio Lower Upper
106 100
91 210.1 101.9 305.7



#70
Styrene
Concen: 19.85 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003920.D
Acq: 08 Aug 2018 13:45

Tgt Ion:104 Resp: 237860
Ion Ratio Lower Upper
104 100
78 48.0 39.8 59.6
103 54.7 44.3 66.5





#71

Bromoform

Concen: 18.73 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBS02

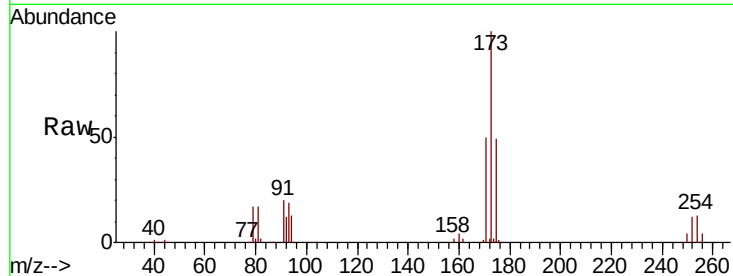
Tot Ion:173 Resp: 59325

Ion Ratio Lower Upper

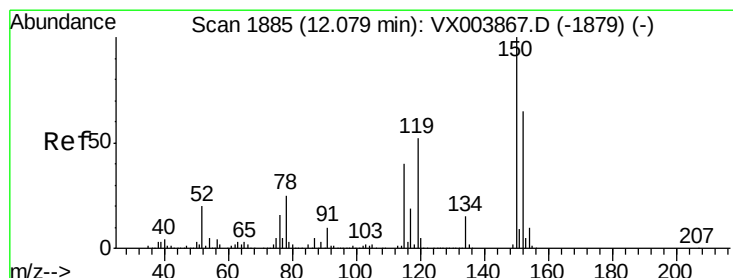
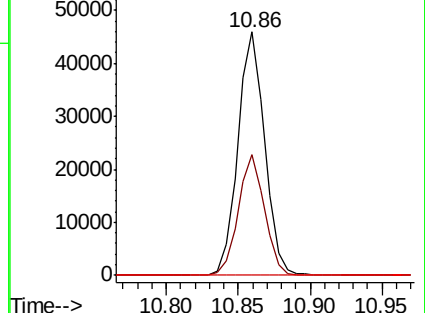
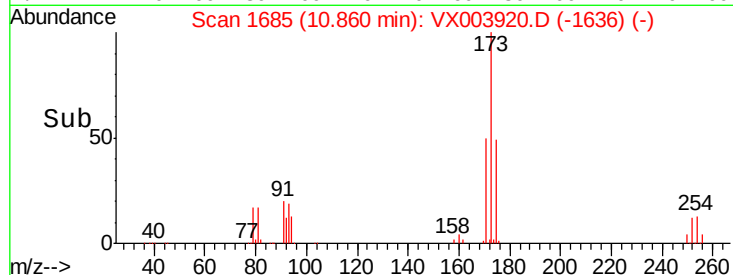
173 100

175 48.4 24.9 74.7

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: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

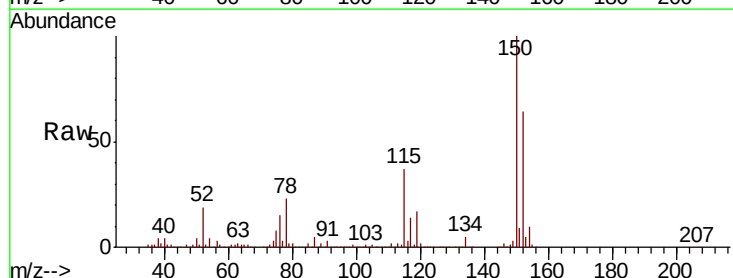
Tgt Ion:152 Resp: 274539

Ion Ratio Lower Upper

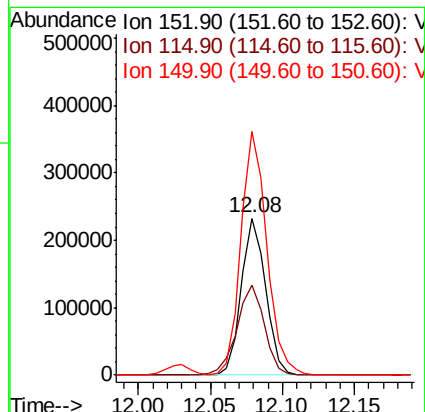
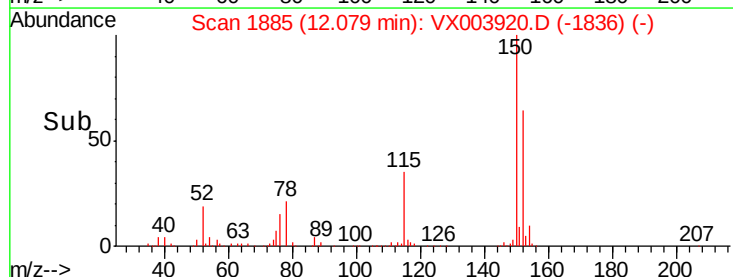
152 100

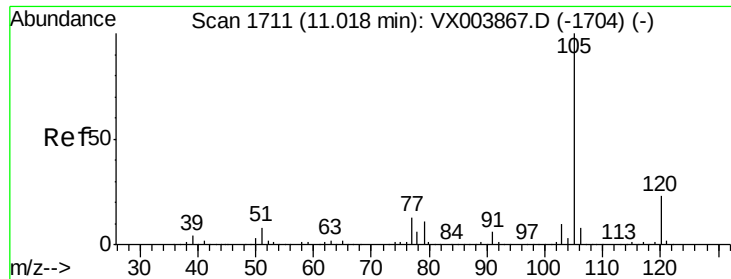
115 64.5 39.1 117.3

150 164.8 0.0 349.2



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: 18.86 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

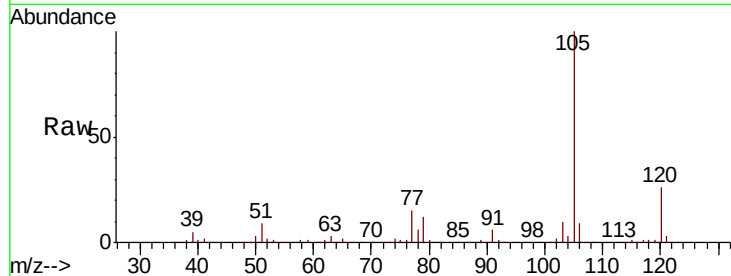
VX0808WBS02

Tot Ion:105 Resp: 383086

Ion Ratio Lower Upper

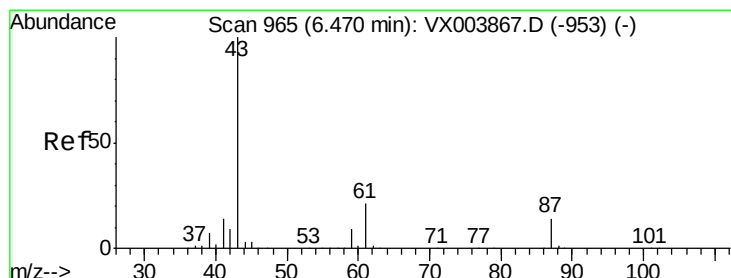
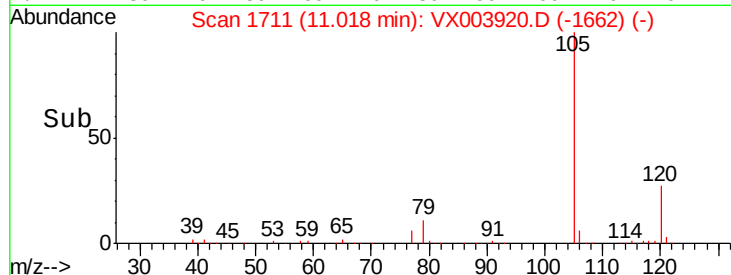
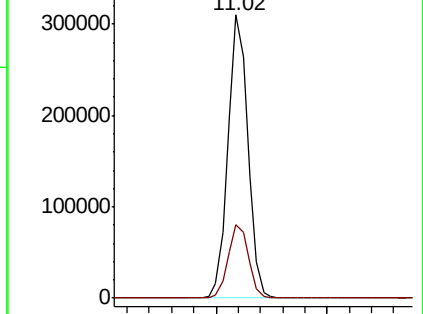
105 100

120 26.7 12.6 37.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 16.27 ug/l

RT: 6.46 min Scan# 964

Delta R.T. -0.01 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Tgt Ion: 43 Resp: 171789

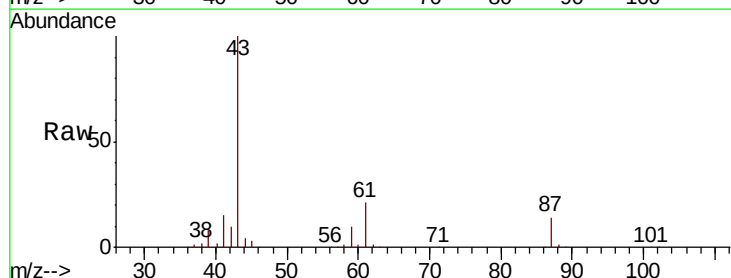
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 21.0 16.9 25.3

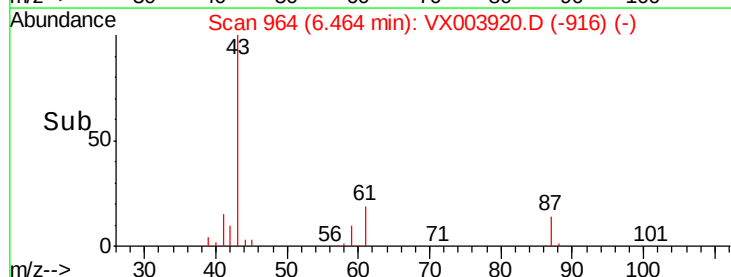
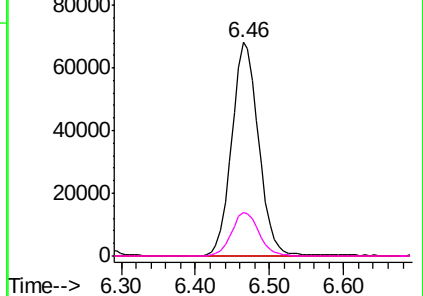


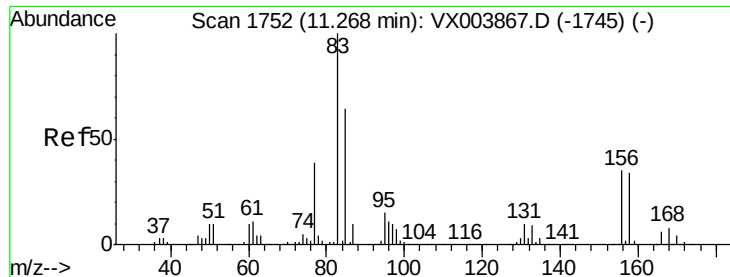
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 18.56 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampled :

VX0808WBS02

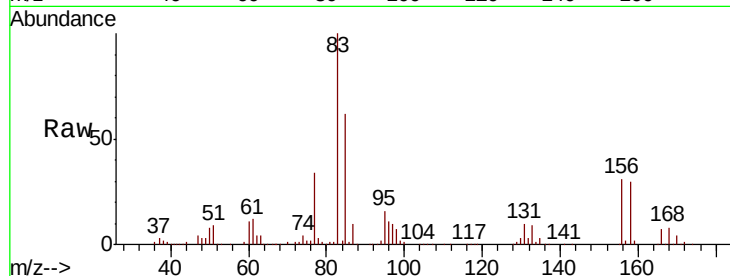
Tot Ion: 83 Resp: 129160

Ion Ratio Lower Upper

83 100

131 10.6 5.2 15.6

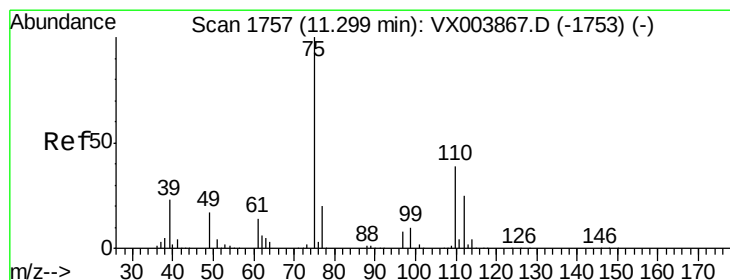
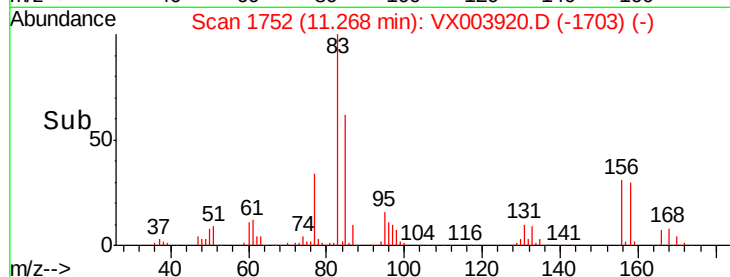
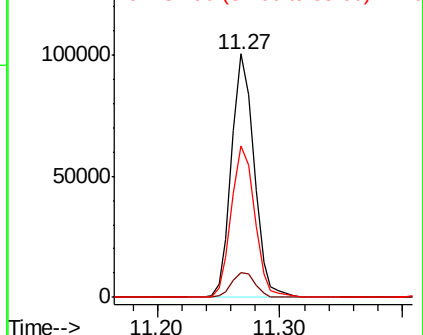
85 64.2 32.2 96.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.57 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003920.D

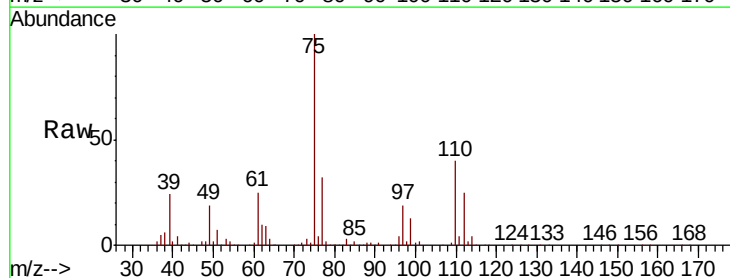
Acq: 08 Aug 2018 13:45

Tgt Ion: 75 Resp: 142927

Ion Ratio Lower Upper

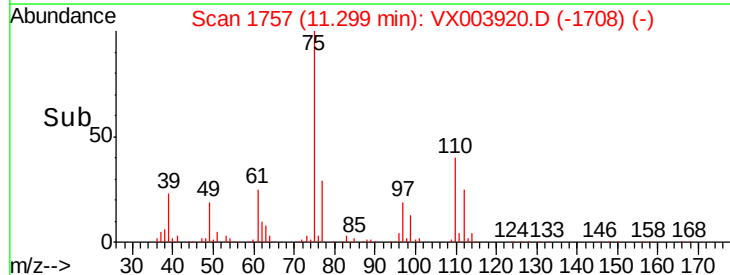
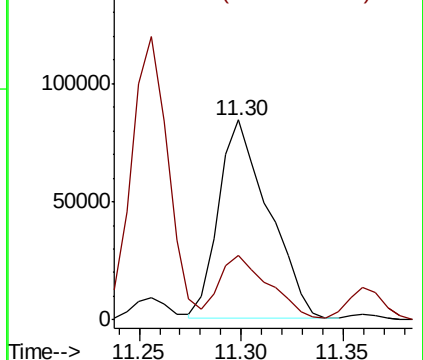
75 100

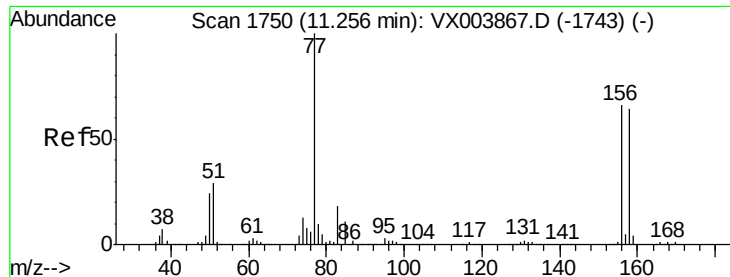
77 32.4 20.8 62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 18.82 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBS02

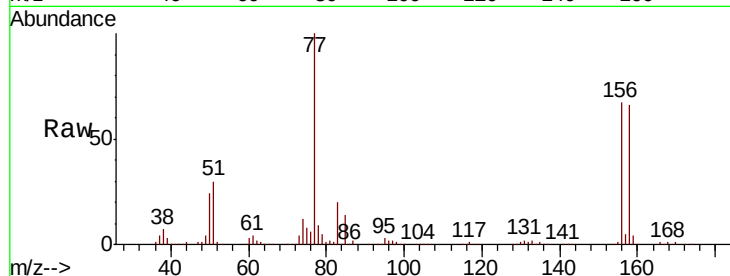
Tot Ion:156 Resp: 101981

Ion Ratio Lower Upper

156 100

77 147.6 74.1 222.2

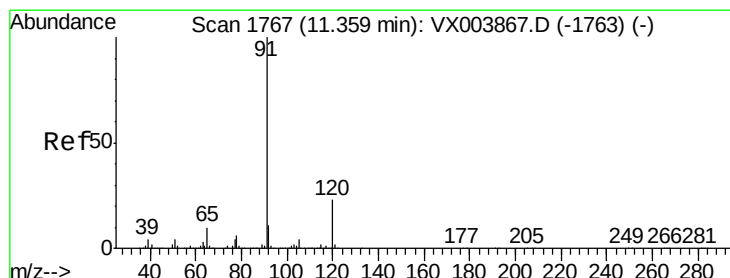
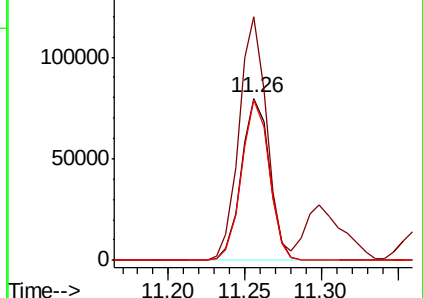
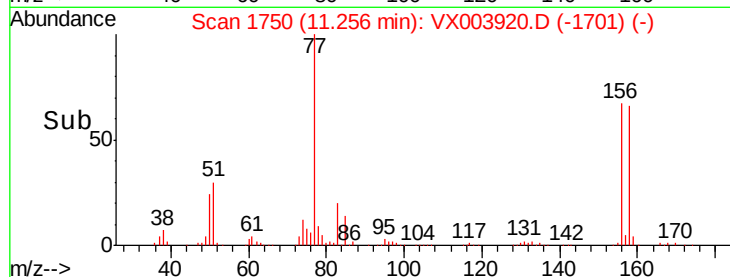
158 97.1 48.6 145.9



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: 19.18 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003920.D

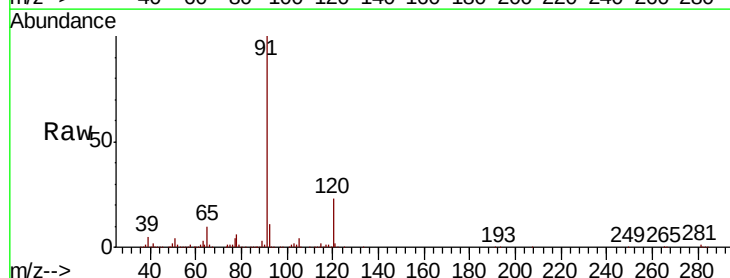
Acq: 08 Aug 2018 13:45

Tgt Ion: 91 Resp: 437461

Ion Ratio Lower Upper

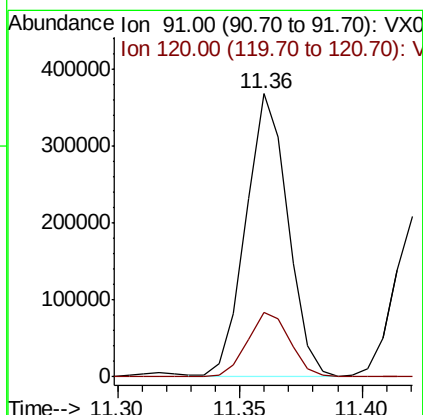
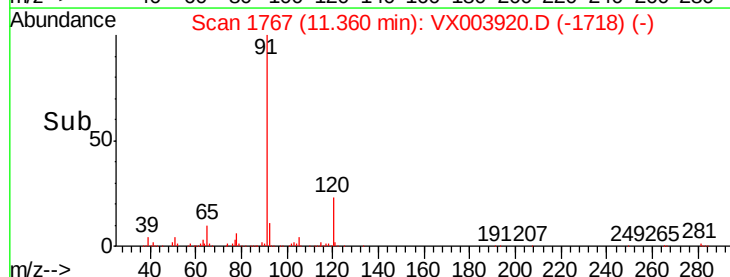
91 100

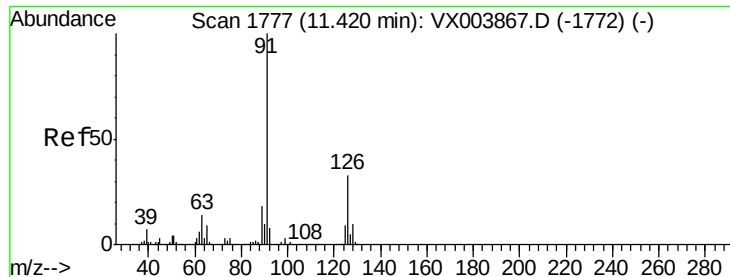
120 23.6 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 18.84 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

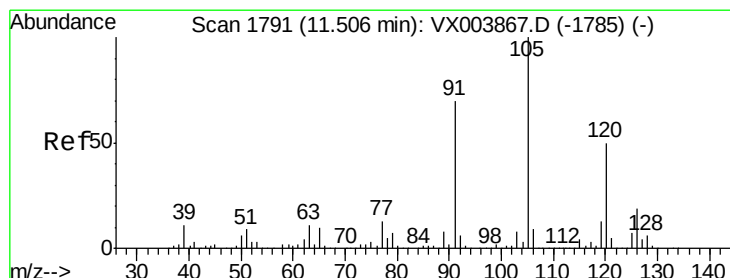
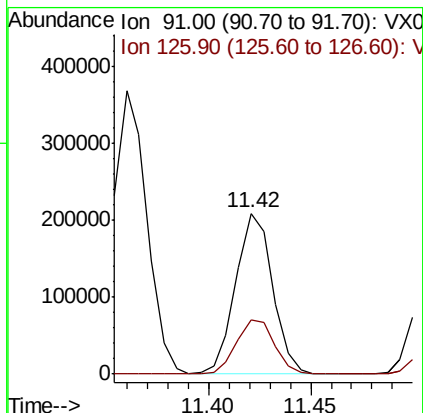
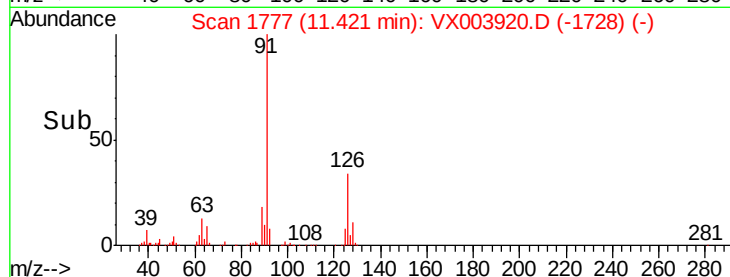
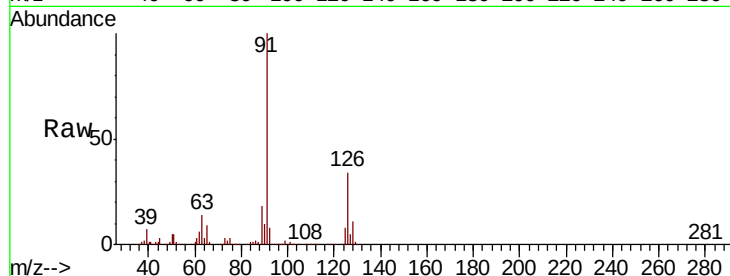
VX0808WBS02

Tot Ion: 91 Resp: 261899

Ion Ratio Lower Upper

91 100

126 34.9 17.4 52.3



#80

1,3,5-Trimethylbenzene

Concen: 19.16 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. 0.00 min

Lab File: VX003920.D

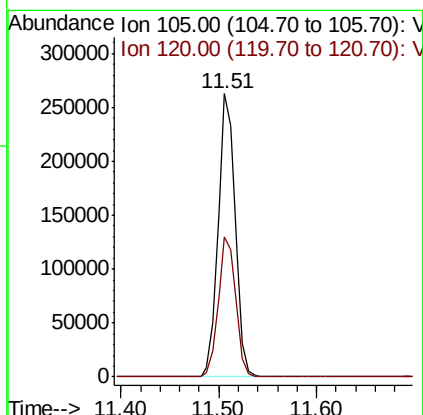
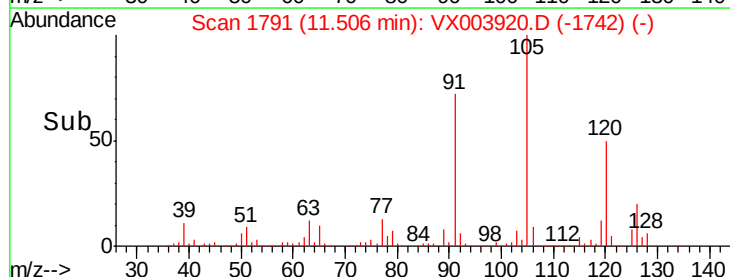
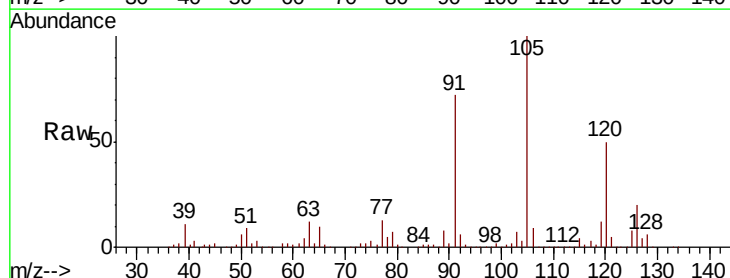
Acq: 08 Aug 2018 13:45

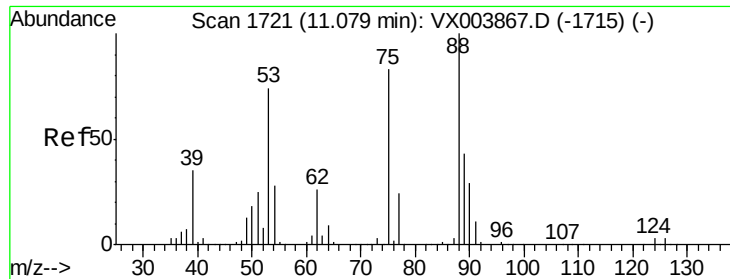
Tgt Ion: 105 Resp: 317236

Ion Ratio Lower Upper

105 100

120 50.3 25.4 76.2

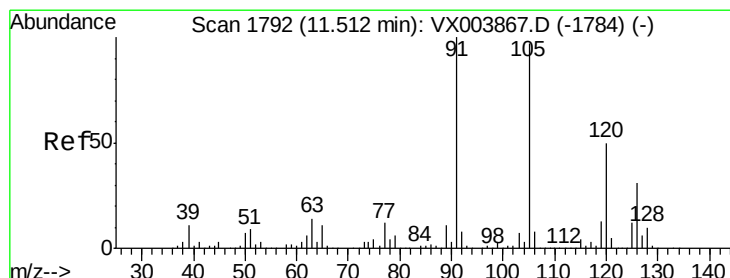
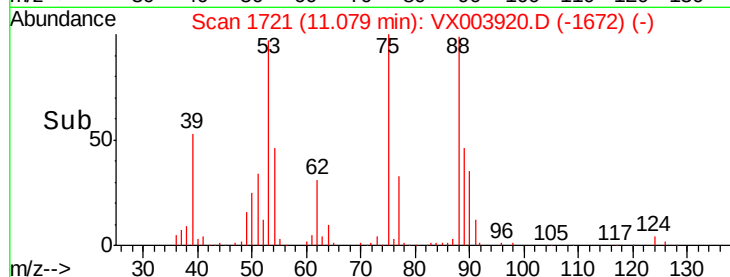
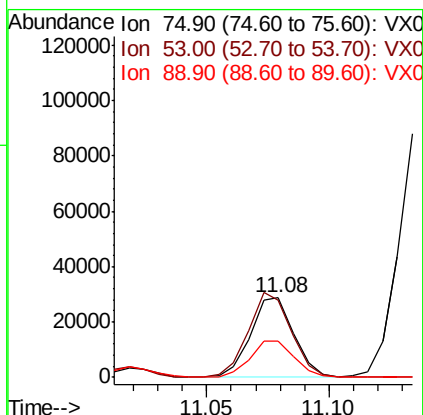
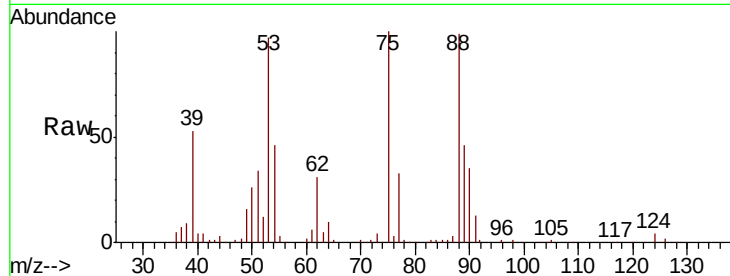




#81
trans-1,4-Dichloro-2-butene
Concen: 17.42 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003920.D
Acq: 08 Aug 2018 13:45

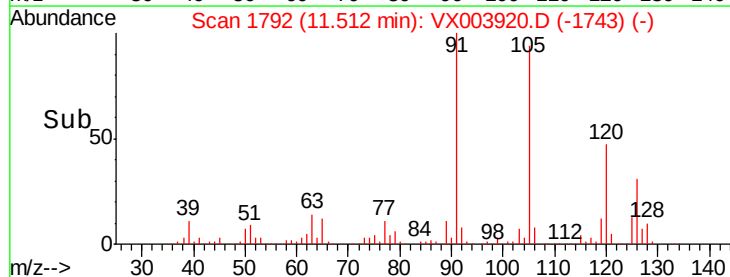
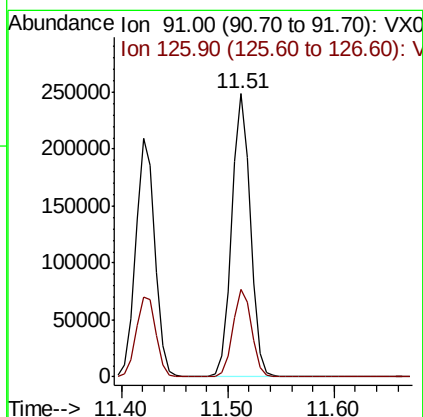
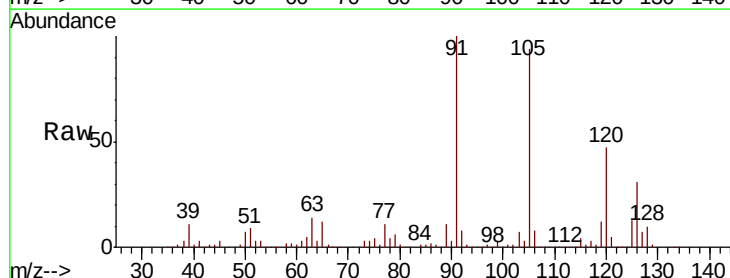
Instrument :
MSVOA_X
ClientSampleId :
VX0808WBS02

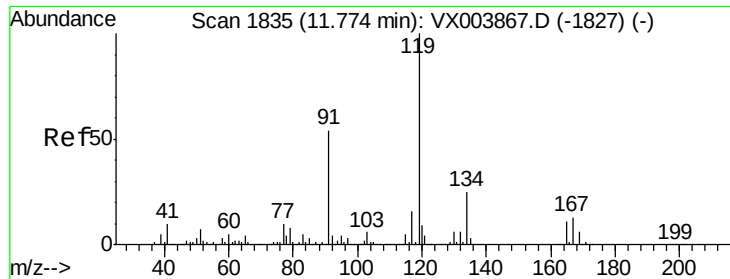
Tot Ion: 75 Resp: 35456
Ion Ratio Lower Upper
75 100
53 106.0 80.3 120.5
89 47.0 37.8 56.8



#82
4-Chlorotoluene
Concen: 18.82 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003920.D
Acq: 08 Aug 2018 13:45

Tgt Ion: 91 Resp: 306576
Ion Ratio Lower Upper
91 100
126 30.9 15.6 46.7

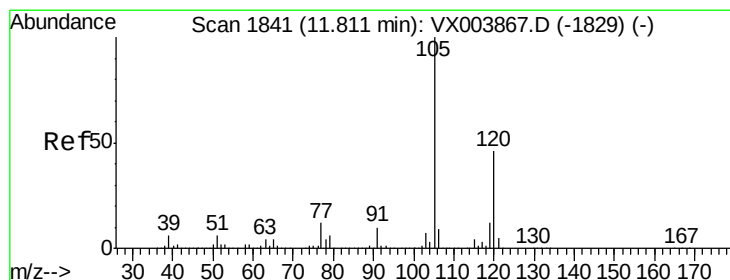
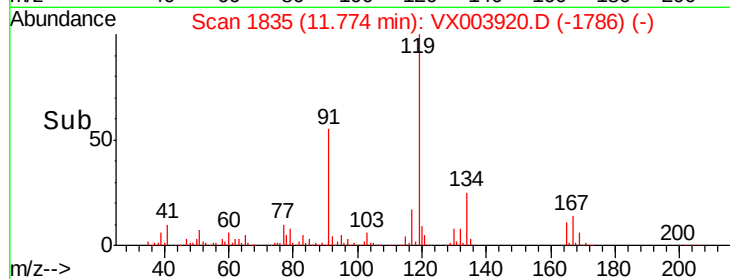
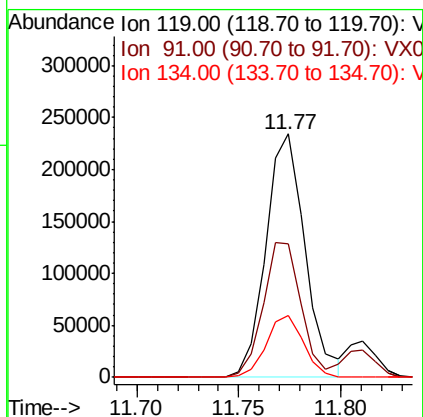
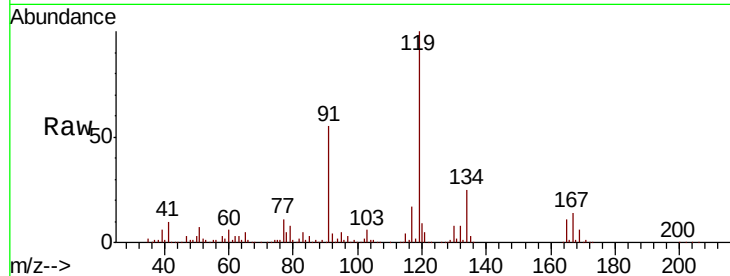




#83
 tert-Butylbenzene
 Concen: 19.22 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003920.D
 Acq: 08 Aug 2018 13:45

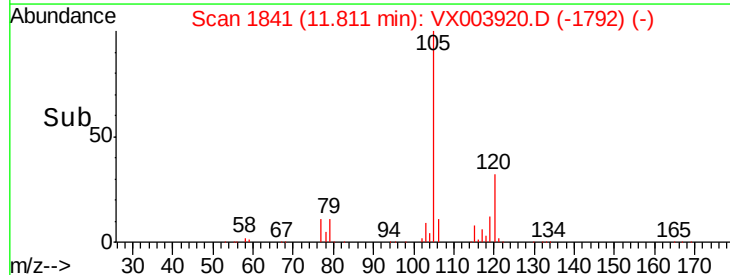
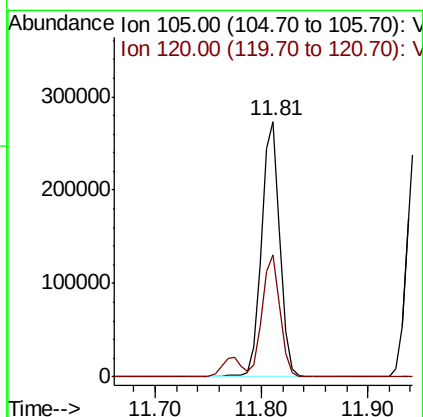
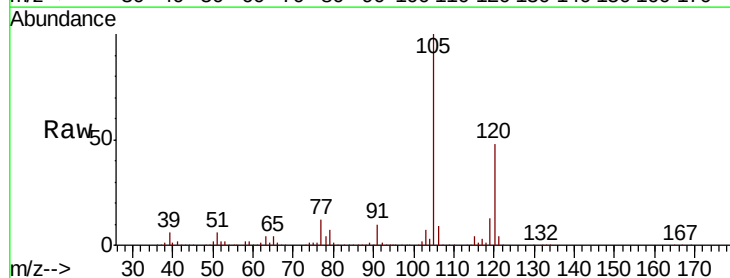
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBS02

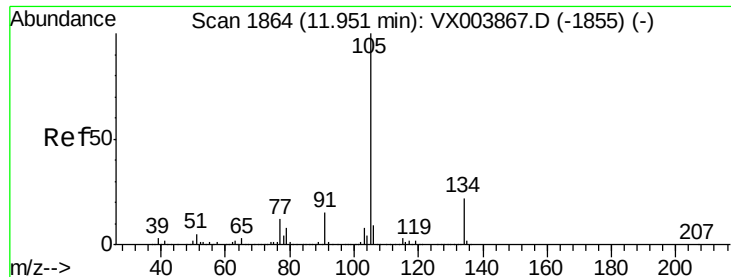
Tot Ion	Ratio	Lower	Upper
119	100		
91	53.5	26.9	80.7
134	24.4	12.0	36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 19.72 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003920.D
 Acq: 08 Aug 2018 13:45

Tgt Ion	Ratio	Lower	Upper
105	100		
120	46.7	23.1	69.2





#85

sec-Butylbenzene

Concen: 19.24 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampled :

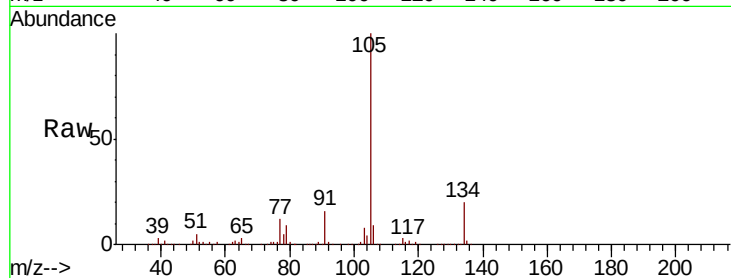
VX0808WBS02

Tot Ion:105 Resp: 369869

Ion Ratio Lower Upper

105 100

134 20.7 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.94

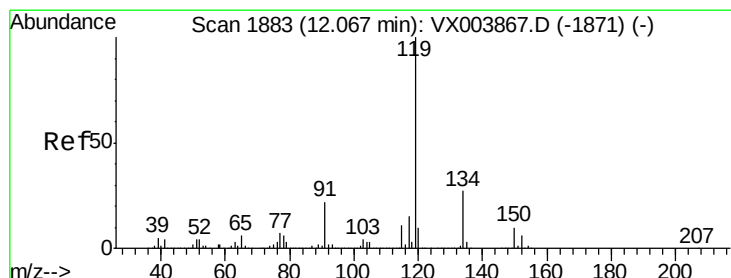
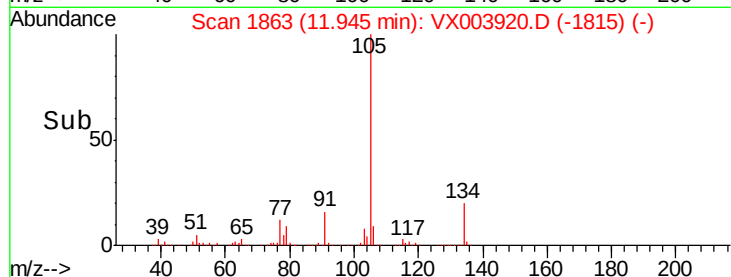
300000

200000

100000

0

Time--> 11.90 12.00



#86

p-Isopropyltoluene

Concen: 19.30 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

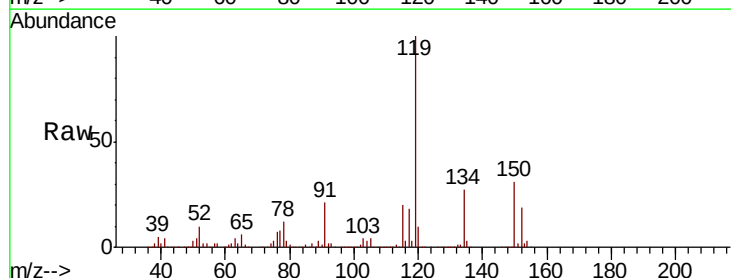
Tgt Ion:119 Resp: 332933

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 22.3 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

400000

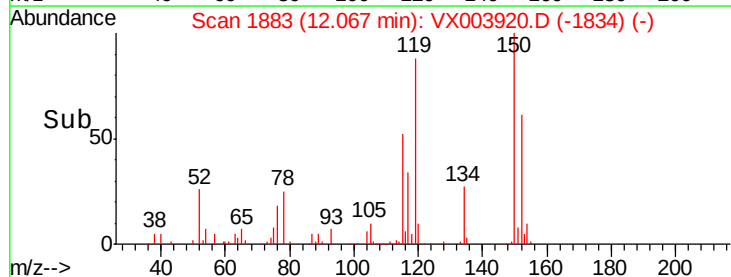
300000

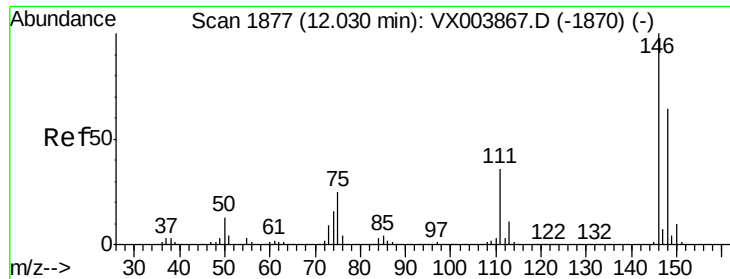
200000

100000

0

Time--> 12.00 12.10

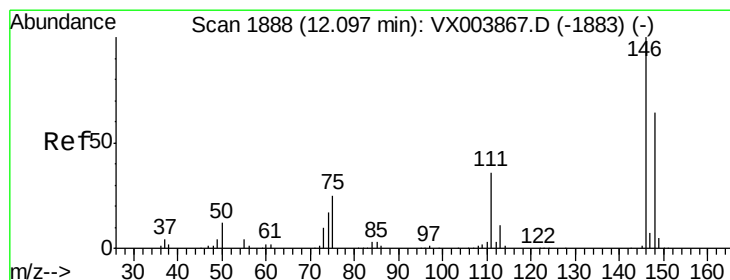
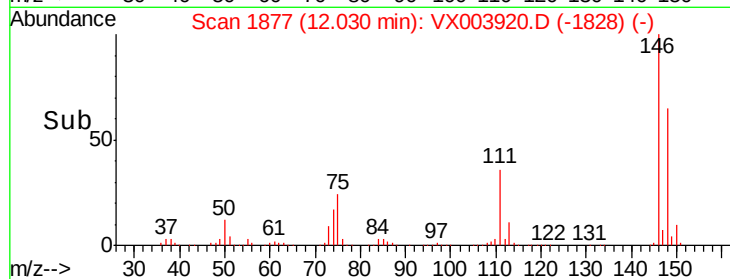
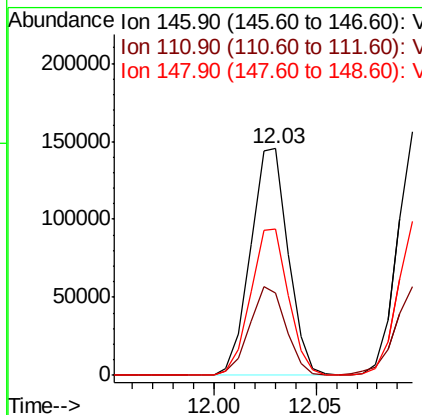
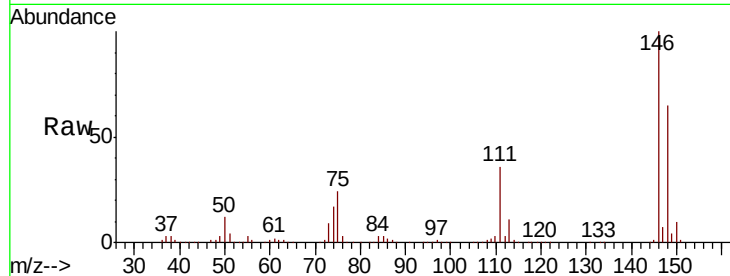




#87
 1,3-Dichlorobenzene
 Concen: 18.71 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003920.D
 Acq: 08 Aug 2018 13:45

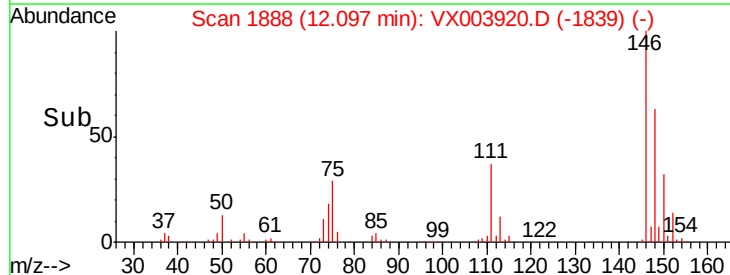
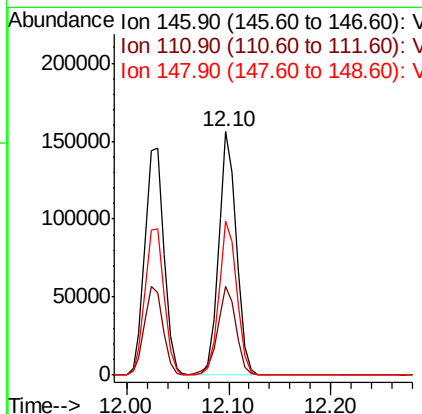
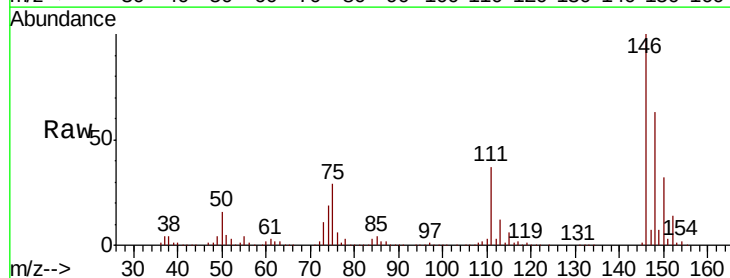
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBS02

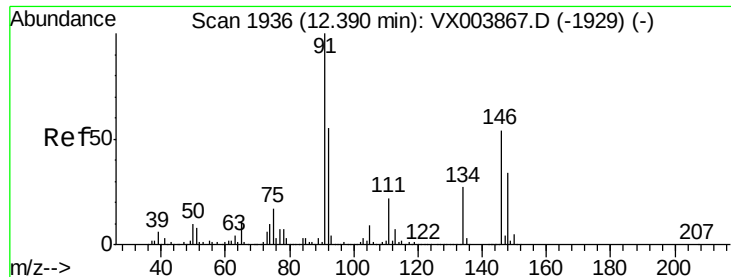
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.8	56.4
148	64.6	31.9	95.5



#88
 1,4-Dichlorobenzene
 Concen: 19.67 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003920.D
 Acq: 08 Aug 2018 13:45

Tgt Ion	Ratio	Lower	Upper
146	100		
111	38.1	18.4	55.0
148	64.3	32.3	96.8





#89

n-Butylbenzene

Concen: 16.86 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003920.D

Acq: 08 Aug 2018 13:45

Instrument :

MSVOA_X

ClientSampleId :

VX0808WBS02

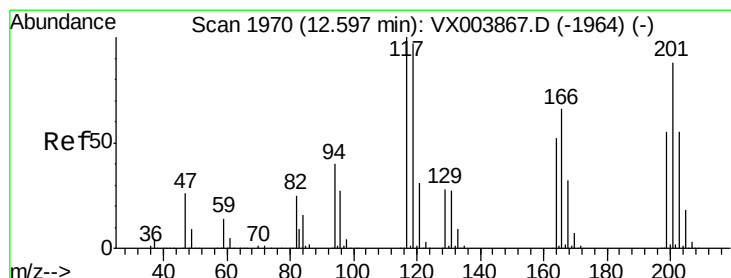
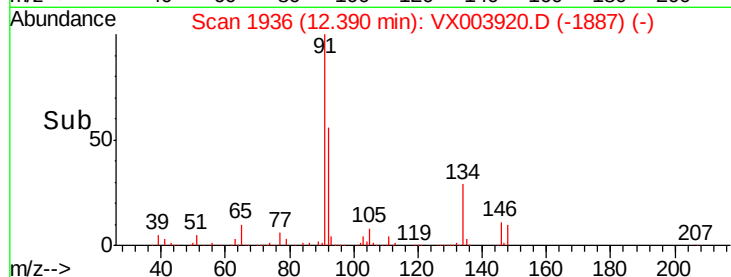
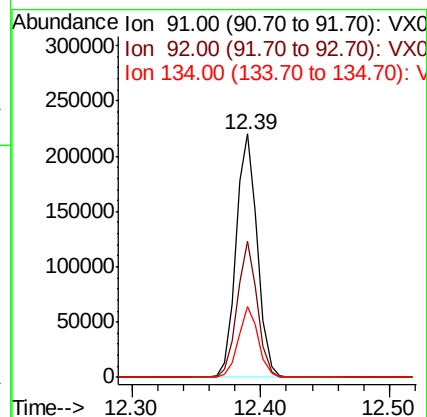
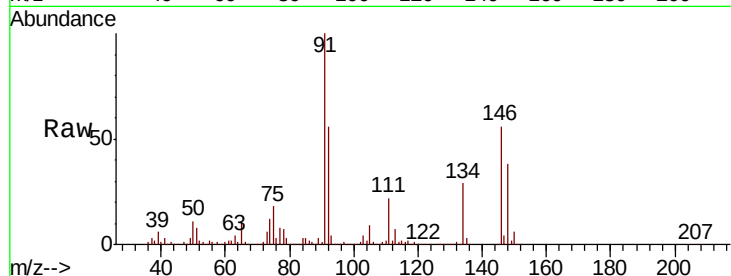
Tot Ion: 91 Resp: 253476

Ion Ratio Lower Upper

91 100

92 53.3 27.1 81.3

134 27.4 13.6 40.7



#90

Hexachloroethane

Concen: 16.79 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003920.D

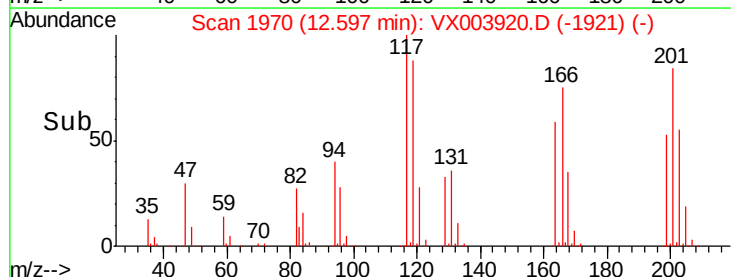
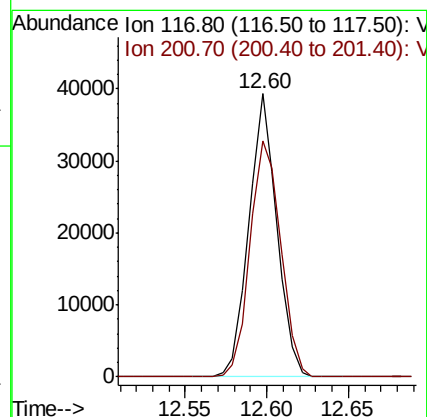
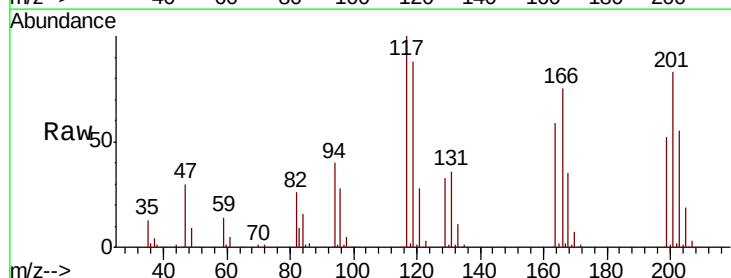
Acq: 08 Aug 2018 13:45

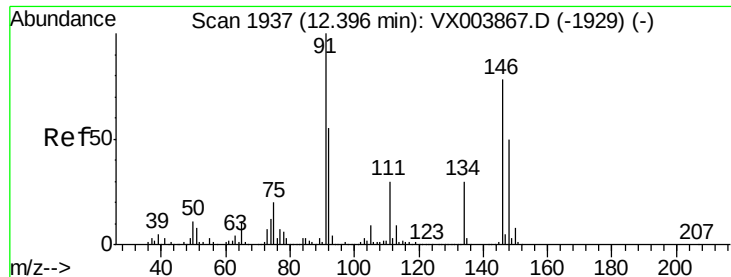
Tgt Ion: 117 Resp: 47047

Ion Ratio Lower Upper

117 100

201 91.4 46.1 138.2

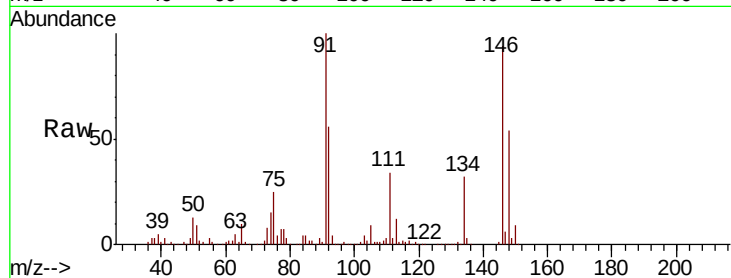




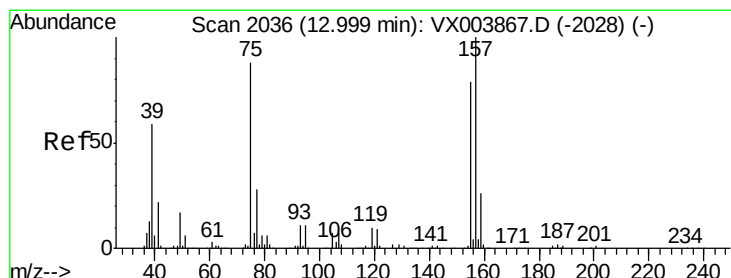
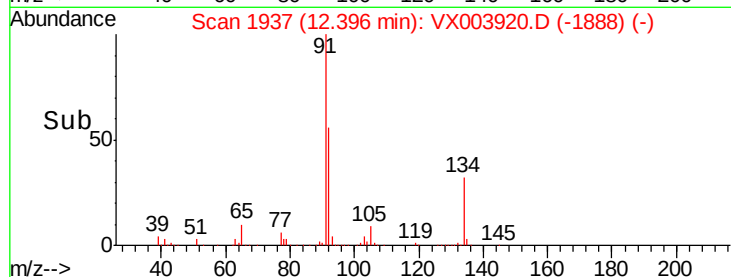
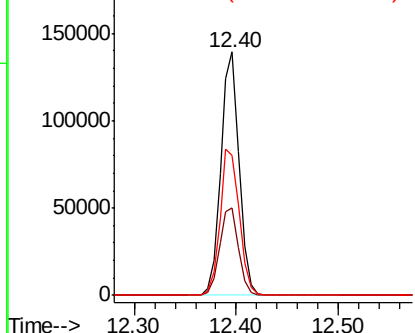
#91
 1,2-Dichlorobenzene
 Concen: 17.55 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003920.D
 Acq: 08 Aug 2018 13:45

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBS02

Tot Ion:146 Resp: 174208
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.7 59.0
 148 63.1 31.9 95.5

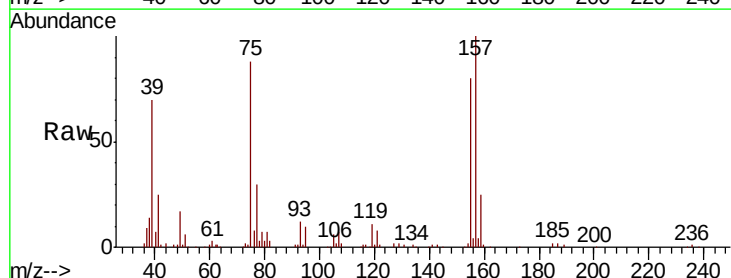


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

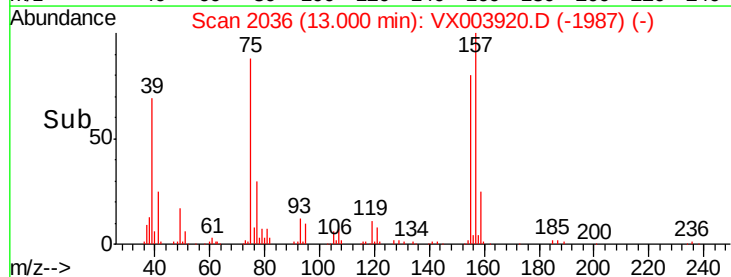
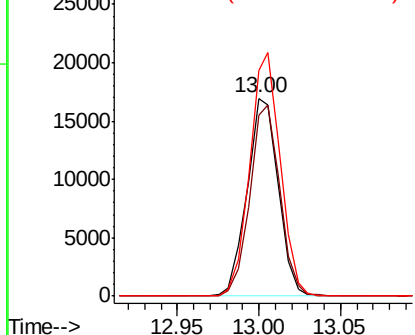


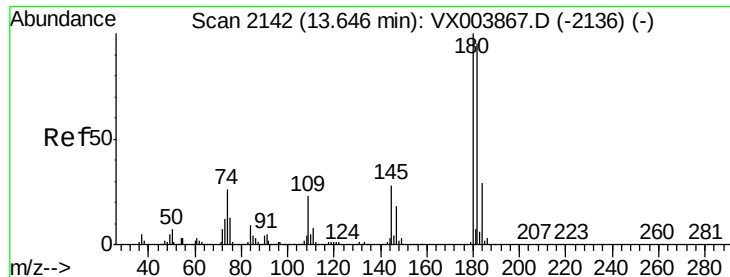
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 15.89 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003920.D
 Acq: 08 Aug 2018 13:45

Tgt Ion: 75 Resp: 22661
 Ion Ratio Lower Upper
 75 100
 155 92.6 48.7 146.1
 157 120.2 62.6 187.8



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

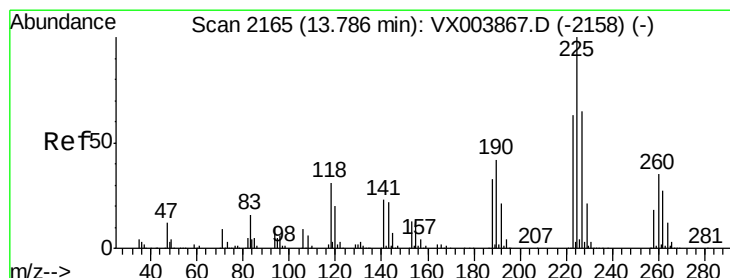
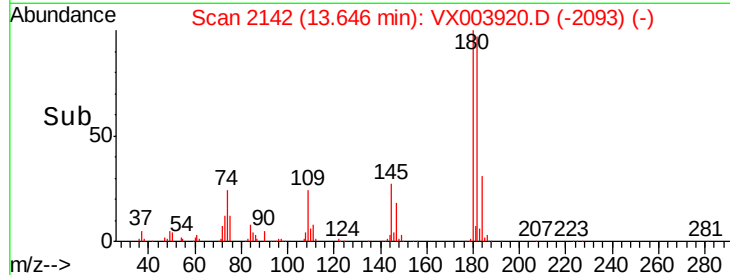
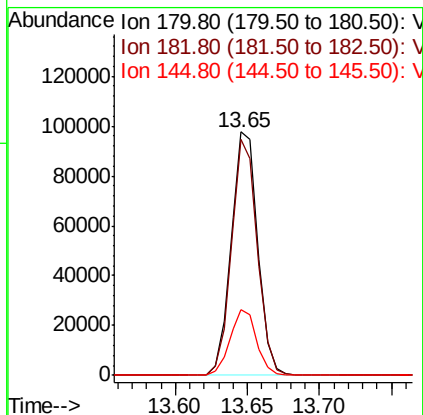
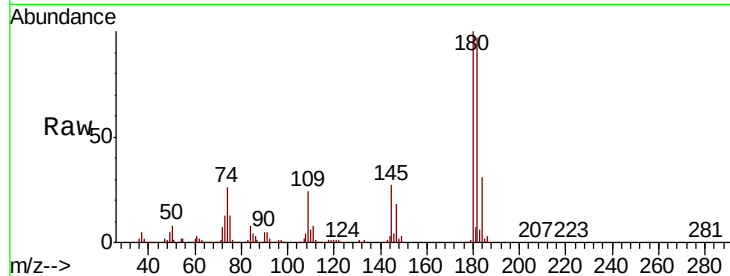




#93
 1,2,4-Trichlorobenzene
 Concen: 17.66 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003920.D
 Acq: 08 Aug 2018 13:45

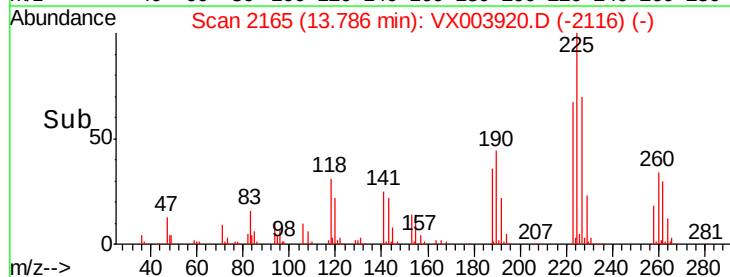
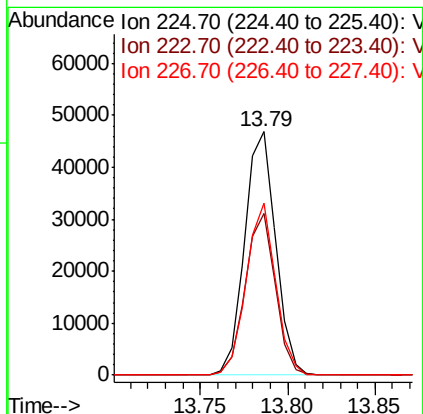
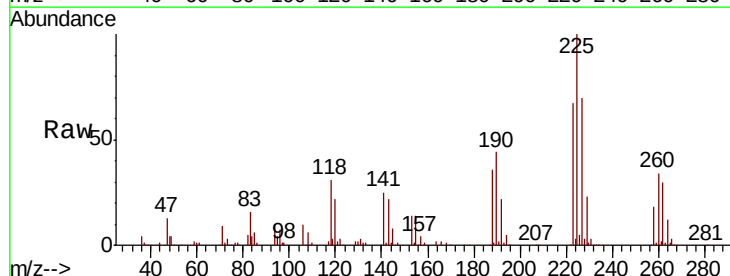
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0808WBS02

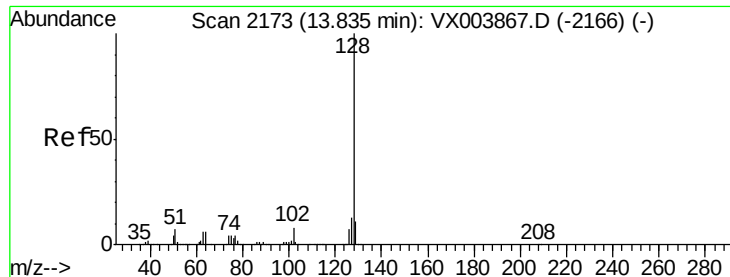
Tot Ion:180 Resp: 126096
 Ion Ratio Lower Upper
 180 100
 182 94.4 47.7 143.1
 145 26.9 13.9 41.6



#94
 Hexachlorobutadiene
 Concen: 18.59 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003920.D
 Acq: 08 Aug 2018 13:45

Tgt Ion:225 Resp: 57712
 Ion Ratio Lower Upper
 225 100
 223 64.5 31.4 94.0
 227 67.2 32.1 96.5

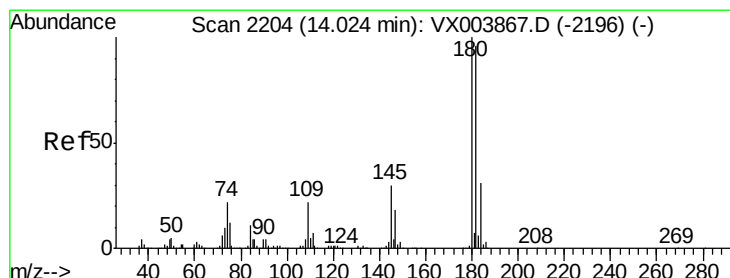
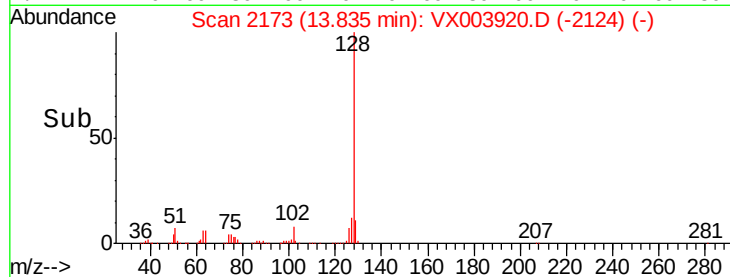
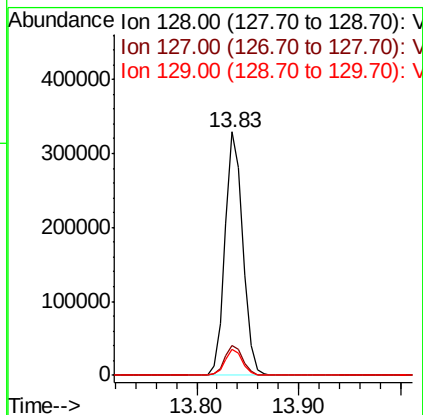
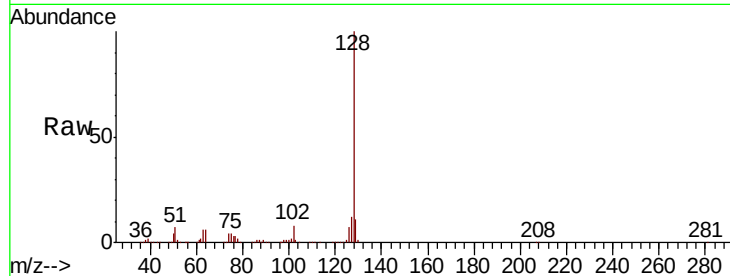




#95
Naphthalene
Concen: 19.45 ug/l
RT: 13.83 min Scan# 2173
Delta R.T. 0.00 min
Lab File: VX003920.D
Acq: 08 Aug 2018 13:45

Instrument :
MSVOA_X
ClientSampleId :
VX0808WBS02

Tot Ion:128 Resp: 397672
Ion Ratio Lower Upper
128 100
127 12.5 10.2 15.2
129 10.6 8.8 13.2



#96
1,2,3-Trichlorobenzene
Concen: 18.87 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX003920.D
Acq: 08 Aug 2018 13:45

Tgt Ion:180 Resp: 134439
Ion Ratio Lower Upper
180 100
182 95.4 48.1 144.4
145 29.4 14.9 44.7

