

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003904.D
 Acq On : 08 Aug 2018 03:11
 Operator : JC/MD
 Sample : VX0807WBS03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS03

Quant Time: Aug 08 04:52:57 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	329339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	488326	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	463633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	262268	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	219784	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
35) Dibromofluoromethane	5.51	113	181712	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
50) Toluene-d8	8.72	98	706577	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	
62) 4-Bromofluorobenzene	11.14	95	254543	54.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.36%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	66838	20.03	ug/l	99
3) Chloromethane	1.32	50	85539	18.84	ug/l	100
4) Vinyl Chloride	1.40	62	89093	19.67	ug/l	100
5) Bromomethane	1.64	94	55360	20.77	ug/l	100
6) Chloroethane	1.72	64	75130	25.93	ug/l	97
7) Trichlorofluoromethane	1.93	101	118193	19.77	ug/l	99
8) Diethyl Ether	2.19	74	53627	19.95	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	72018	19.27	ug/l	99
10) Methyl Iodide	2.51	142	87157	18.75	ug/l	99
11) Tert butyl alcohol	3.07	59	100922	96.20	ug/l	99
12) 1,1-Dichloroethene	2.37	96	68500	19.38	ug/l	98
13) Acrolein	2.29	56	50472	89.25	ug/l	100
14) Allyl chloride	2.73	41	127681	18.74	ug/l	100
15) Acrylonitrile	3.15	53	249821	99.80	ug/l	100
16) Acetone	2.45	43	252788	97.33	ug/l	99
17) Carbon Disulfide	2.57	76	186093	18.85	ug/l	99
18) Methyl Acetate	2.78	43	115223	20.37	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	251045	20.04	ug/l	98
20) Methylene Chloride	2.85	84	84953	19.65	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	76814	19.14	ug/l	98
22) Diisopropyl ether	3.87	45	248767	19.86	ug/l	99
23) Vinyl Acetate	3.82	43	1013108	97.21	ug/l	100
24) 1,1-Dichloroethane	3.70	63	148162	19.91	ug/l	99
25) 2-Butanone	4.71	43	384854	98.55	ug/l	100
26) 2,2-Dichloropropane	4.59	77	62593	11.67	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	84807	19.48	ug/l	96
28) Bromochloromethane	5.02	49	67174	21.10	ug/l	99
29) Tetrahydrofuran	5.17	42	197467	98.39	ug/l	99
30) Chloroform	5.21	83	141972	20.27	ug/l	99
31) Cyclohexane	5.57	56	120425	19.14	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	118468	20.17	ug/l	98
36) 1,1-Dichloropropene	5.80	75	104207	19.05	ug/l	100
37) Ethyl Acetate	4.87	43	116824	19.42	ug/l	99
38) Carbon Tetrachloride	5.78	117	101373	19.47	ug/l	99

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 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	116765	18.11	ug/l	99
40) Benzene	6.15	78	324663	19.77	ug/l	99
41) Methacrylonitrile	5.06	41	64357	19.42	ug/l	99
42) 1,2-Dichloroethane	6.20	62	111824	20.14	ug/l	100
43) Isopropyl Acetate	6.47	43	175177	19.35	ug/l	99
44) Trichloroethene	7.21	130	84700	18.86	ug/l	94
45) 1,2-Dichloropropane	7.52	63	82490	19.45	ug/l	99
46) Dibromomethane	7.67	93	53631	19.48	ug/l	98
47) Bromodichloromethane	7.90	83	100291	19.34	ug/l	99
48) Methyl methacrylate	7.78	41	90429	19.65	ug/l	100
49) 1,4-Dioxane	7.76	88	41289	380.84	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	759160	101.16	ug/l	99
52) Toluene	8.79	92	206216	19.87	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	100618	17.16	ug/l	97
54) cis-1,3-Dichloropropene	8.44	75	113310	17.92	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	83251	19.63	ug/l	98
56) Ethyl methacrylate	9.18	69	118048	19.19	ug/l	100
57) 1,3-Dichloropropane	9.37	76	142368	20.06	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	309741	102.38	ug/l	99
59) 2-Hexanone	9.50	43	573430	102.22	ug/l	99
60) Dibromochloromethane	9.59	129	79230	20.04	ug/l	99
61) 1,2-Dibromoethane	9.68	107	86247	20.31	ug/l	100
64) Tetrachloroethene	9.34	164	84740	18.58	ug/l	92
65) Chlorobenzene	10.14	112	228920	18.98	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	78951	19.04	ug/l	98
67) Ethyl Benzene	10.26	91	377901	19.14	ug/l	99
68) m/p-Xylenes	10.36	106	299673	38.84	ug/l	97
69) o-Xylene	10.70	106	142527	19.57	ug/l	96
70) Styrene	10.71	104	238584	20.01	ug/l	98
71) Bromoform	10.86	173	59147	18.75	ug/l #	98
73) Isopropylbenzene	11.02	105	381337	19.66	ug/l	96
74) N-amyl acetate	6.47	43	175177	17.36	ug/l #	99
75) 1,1,1,2-Tetrachloroethane	11.27	83	129984	19.55	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	137357	23.71	ug/l	85
77) Bromobenzene	11.26	156	100475	19.41	ug/l	99
78) n-propylbenzene	11.36	91	431005	19.78	ug/l	100
79) 2-Chlorotoluene	11.42	91	260800	19.63	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	319057	20.17	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	29381	15.40	ug/l	95
82) 4-Chlorotoluene	11.51	91	304158	19.54	ug/l	99
83) tert-Butylbenzene	11.77	119	308781	19.84	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	329916	20.74	ug/l	100
85) sec-Butylbenzene	11.94	105	367608	20.01	ug/l	99
86) p-Isopropyltoluene	12.07	119	323087	19.60	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	183129	19.14	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	174996	18.91	ug/l	98
89) n-Butylbenzene	12.39	91	237831	16.56	ug/l	100
90) Hexachloroethane	12.60	117	43266	16.17	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	170208	17.95	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	22014	16.16	ug/l	100

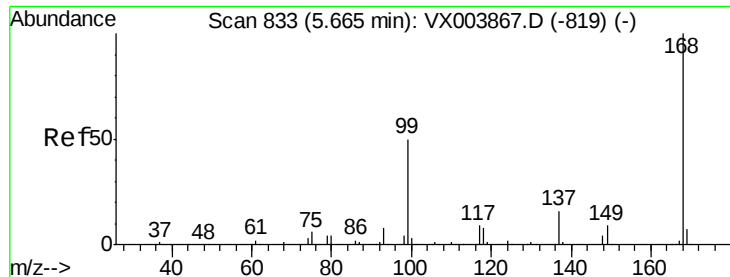
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	123555	18.11	ug/l	97
94) Hexachlorobutadiene	13.79	225	56936	19.19	ug/l	100
95) Naphthalene	13.83	128	395789	20.26	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	133216	19.57	ug/l	100

(#) = 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: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

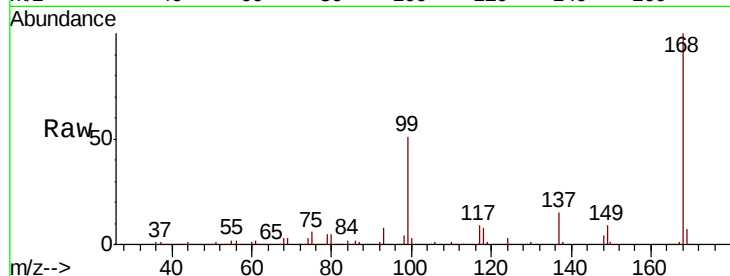
VX0807WBS03

Tot Ion:168 Resp: 329339

Ion Ratio Lower Upper

168 100

99 51.0 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

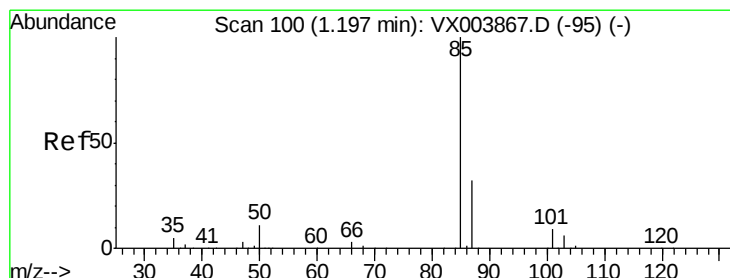
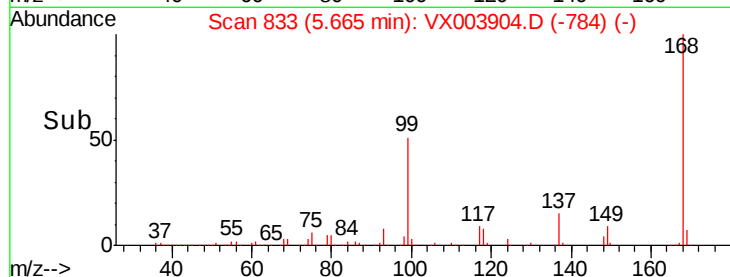
5.67

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.03 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003904.D

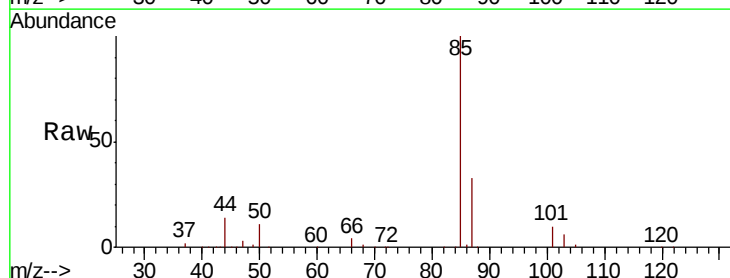
Acq: 08 Aug 2018 03:11

Tgt Ion: 85 Resp: 66838

Ion Ratio Lower Upper

85 100

87 32.6 16.0 48.0



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

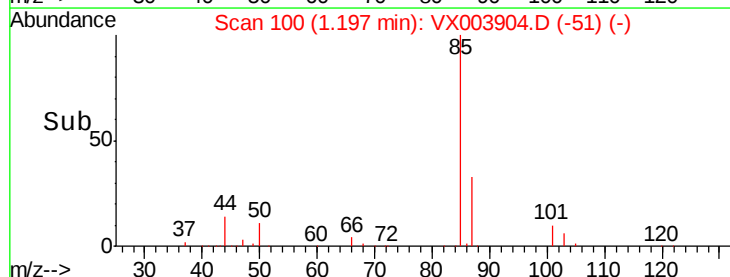
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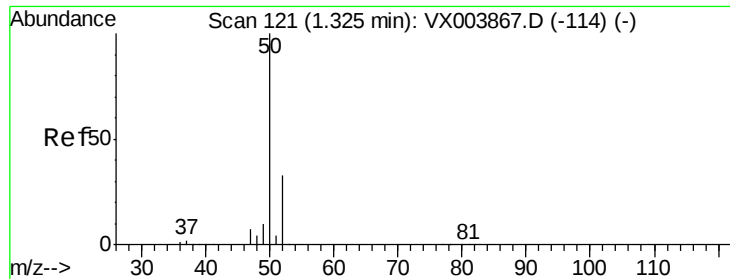
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 18.84 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

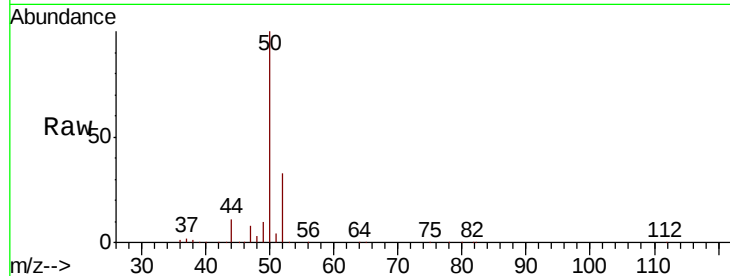
VX0807WBS03

Tot Ion: 50 Resp: 85539

Ion Ratio Lower Upper

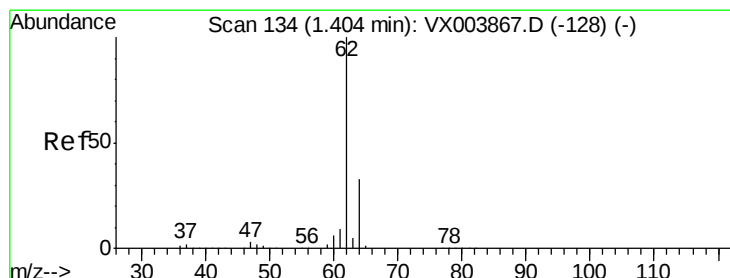
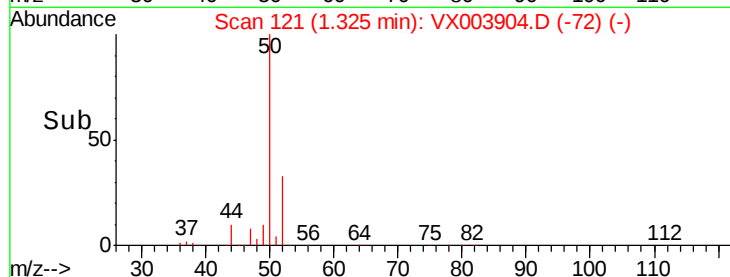
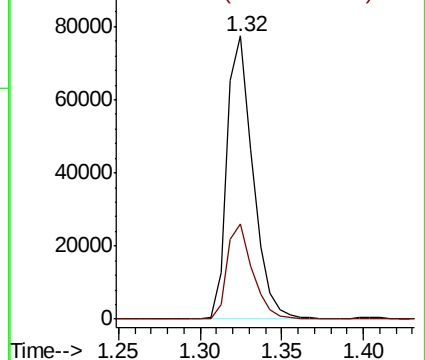
50 100

52 33.5 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: 19.67 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003904.D

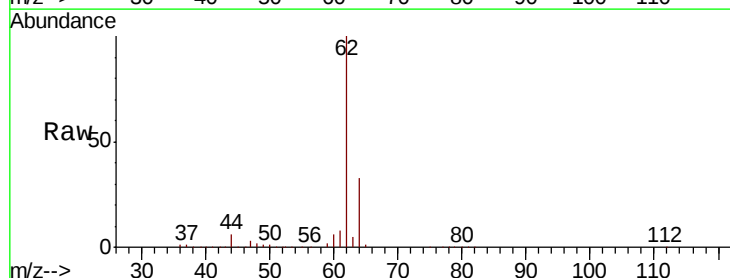
Acq: 08 Aug 2018 03:11

Tgt Ion: 62 Resp: 89093

Ion Ratio Lower Upper

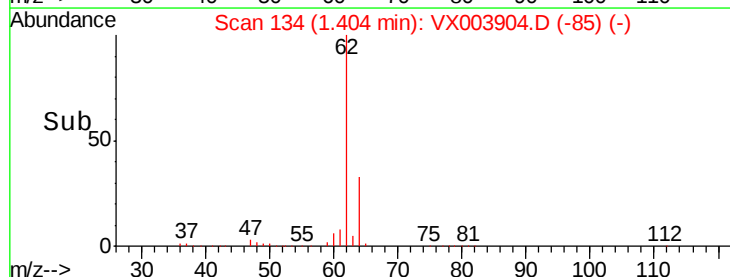
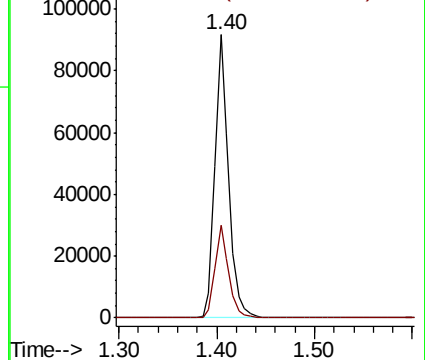
62 100

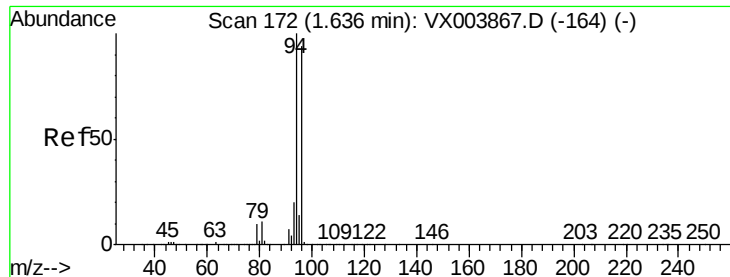
64 32.5 26.0 39.0



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 20.77 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

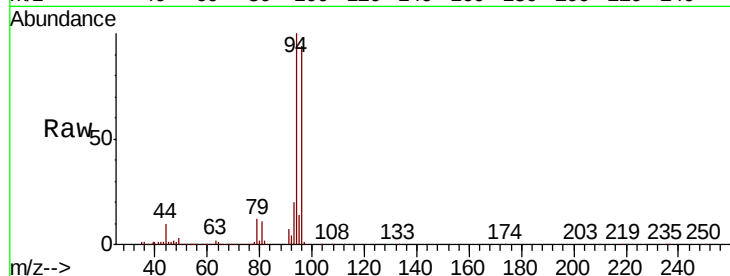
VX0807WBS03

Tot Ion: 94 Resp: 55360

Ion Ratio Lower Upper

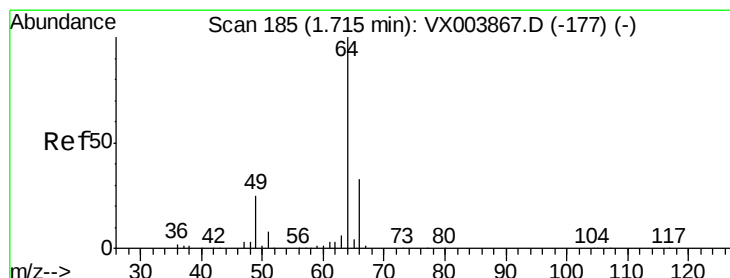
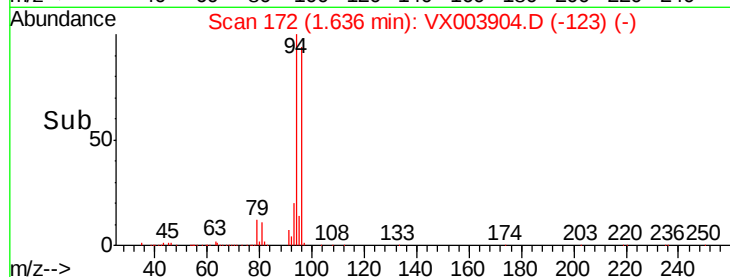
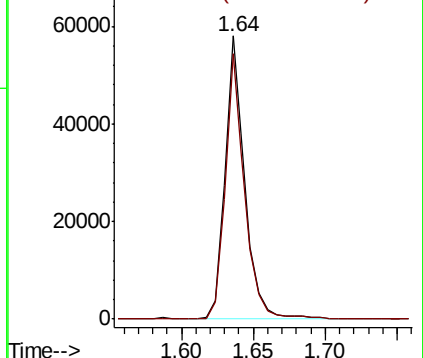
94 100

96 93.8 75.2 112.8



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 25.93 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003904.D

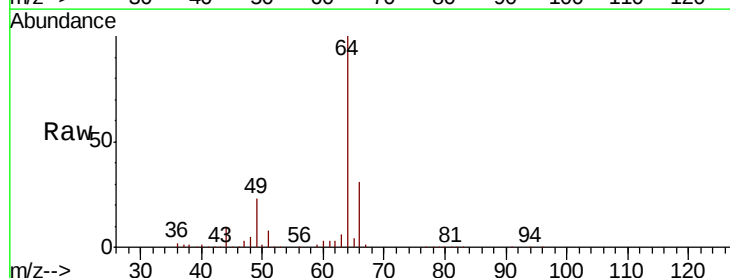
Acq: 08 Aug 2018 03:11

Tgt Ion: 64 Resp: 75130

Ion Ratio Lower Upper

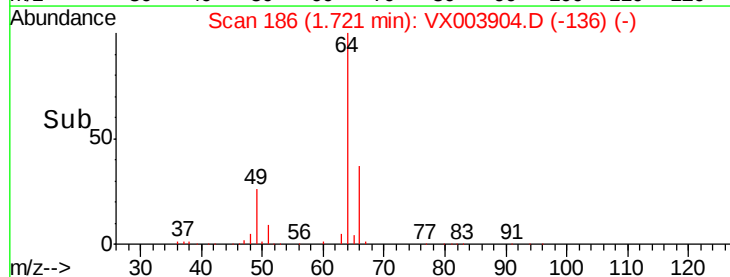
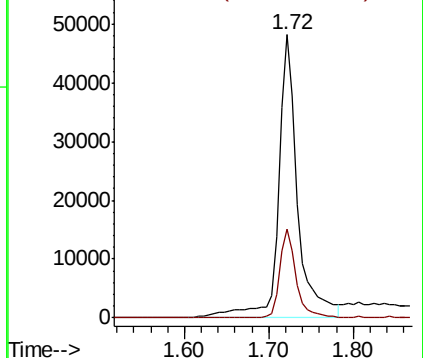
64 100

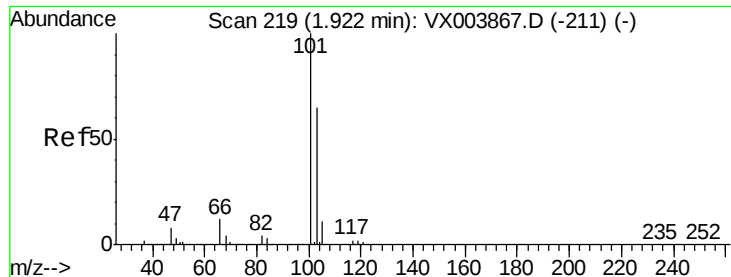
66 31.2 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



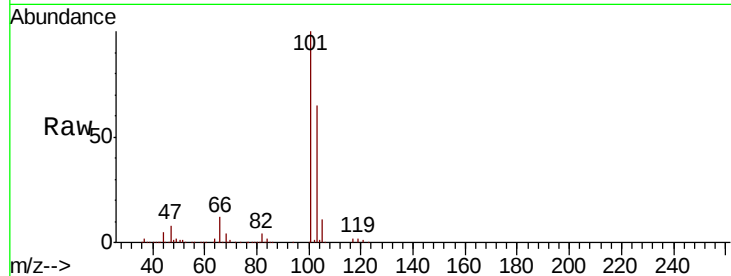


#7

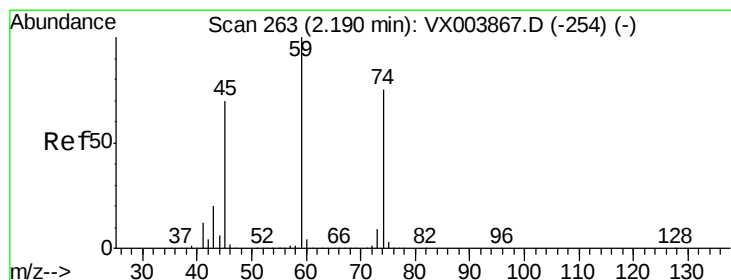
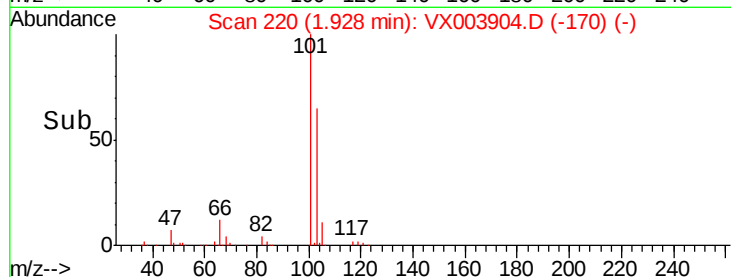
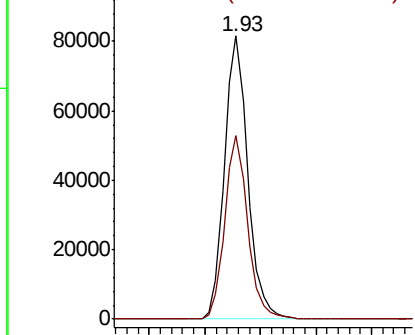
Trichlorofluoromethane
 Concen: 19.77 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS03

Tot Ion:101 Resp: 118193
 Ion Ratio Lower Upper
 101 100
 103 64.7 52.3 78.5



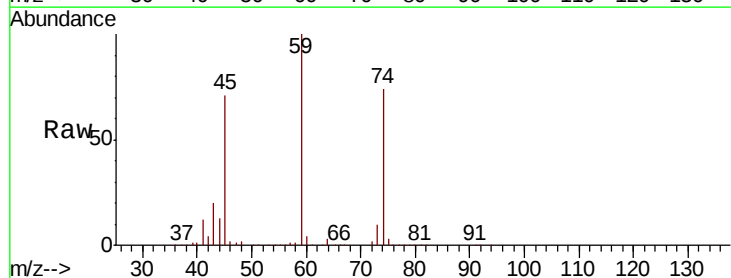
Abundance Ion 100.90 (100.60 to 101.60): V
 Ion 102.80 (102.50 to 103.50): V



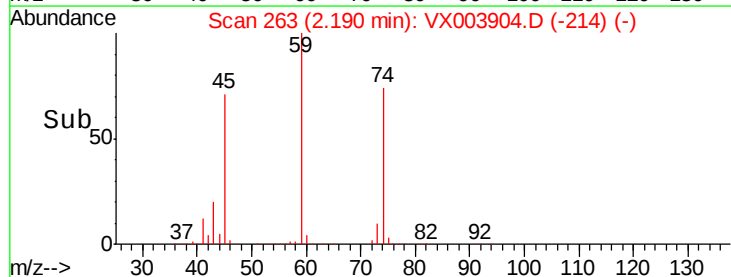
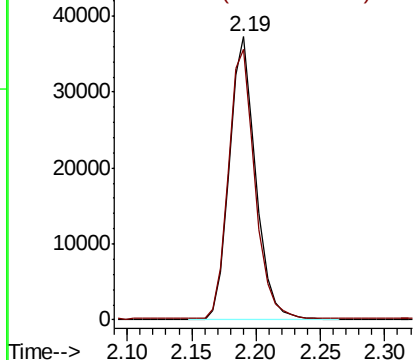
#8

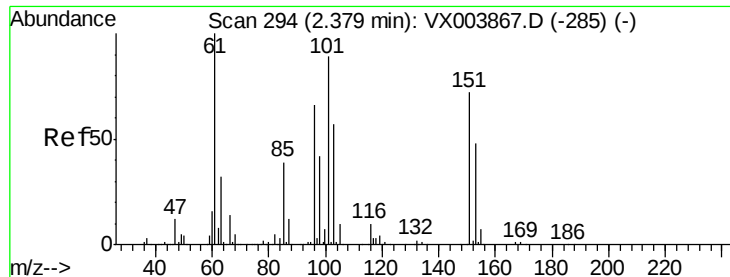
Diethyl Ether
 Concen: 19.95 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

Tgt Ion: 74 Resp: 53627
 Ion Ratio Lower Upper
 74 100
 45 95.6 48.3 144.9



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





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.27 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS03

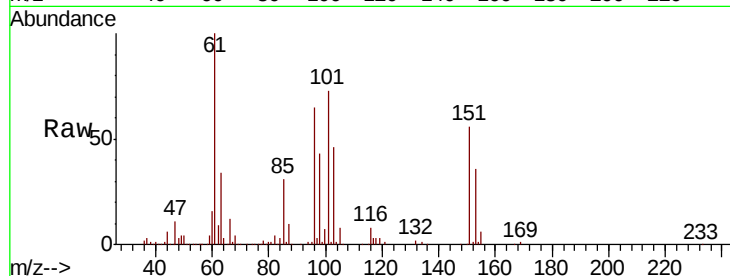
Tot Ion:101 Resp: 72018

Ion Ratio Lower Upper

101 100

85 42.7 34.2 51.4

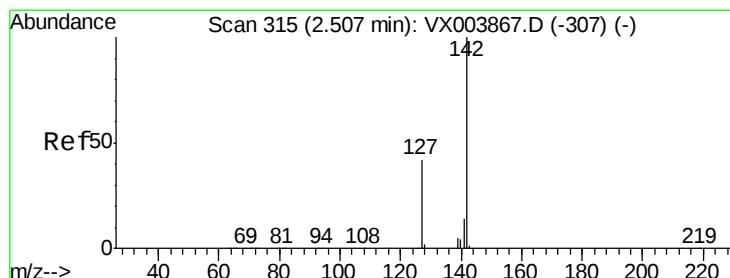
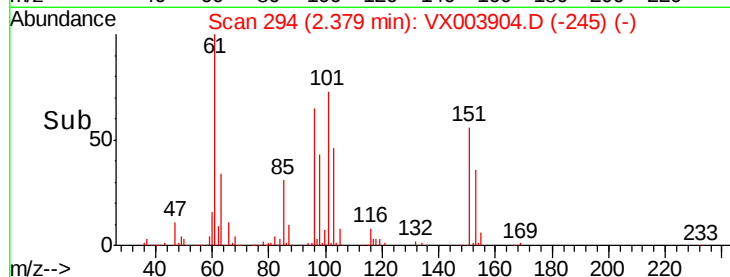
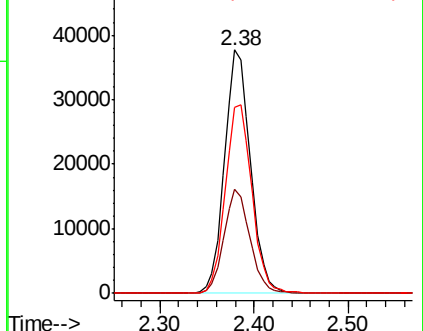
151 79.6 65.0 97.4



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: 18.75 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

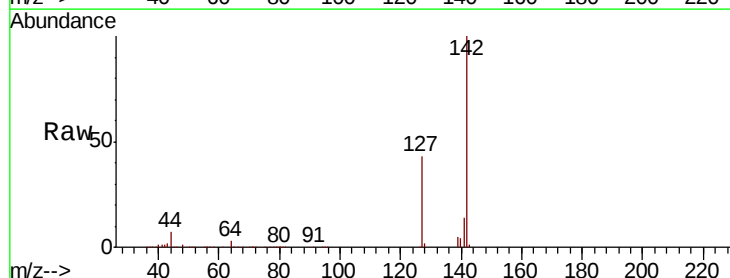
Tgt Ion:142 Resp: 87157

Ion Ratio Lower Upper

142 100

127 41.2 33.1 49.7

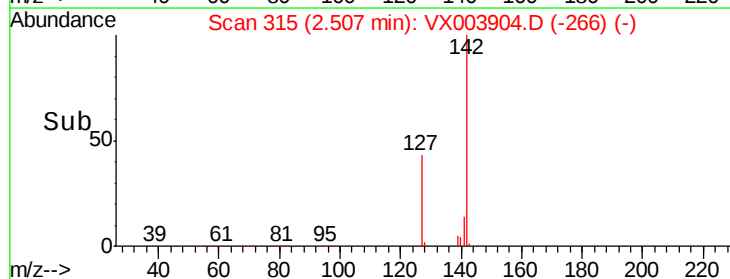
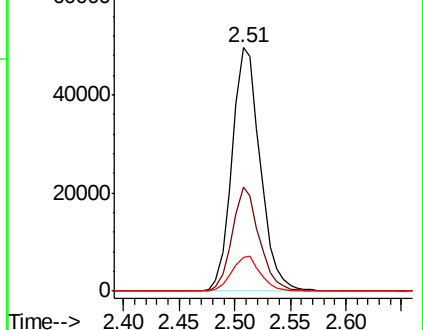
141 14.5 11.1 16.7

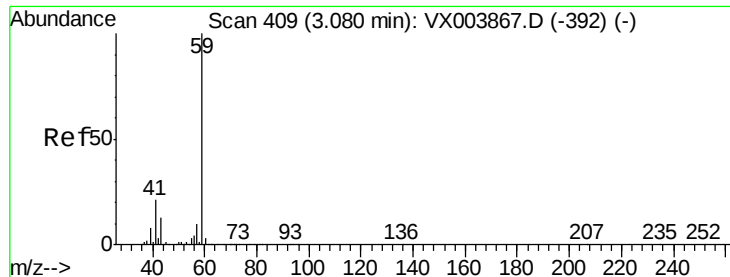


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

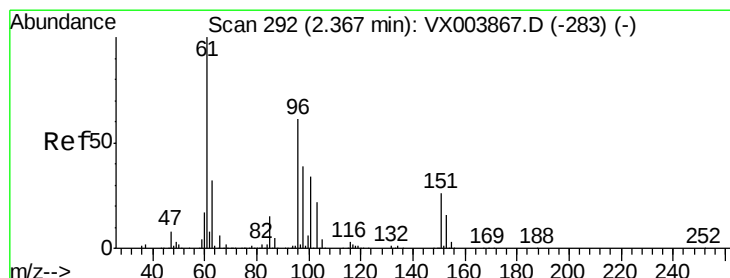
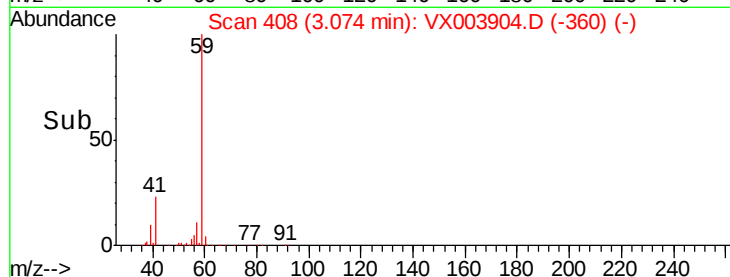
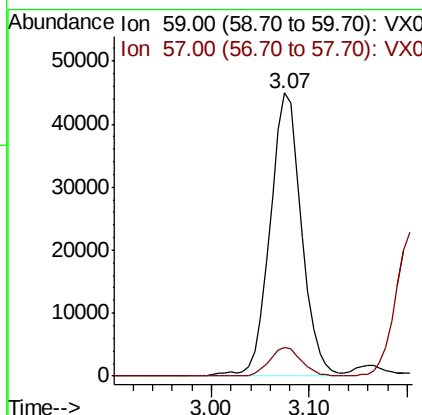
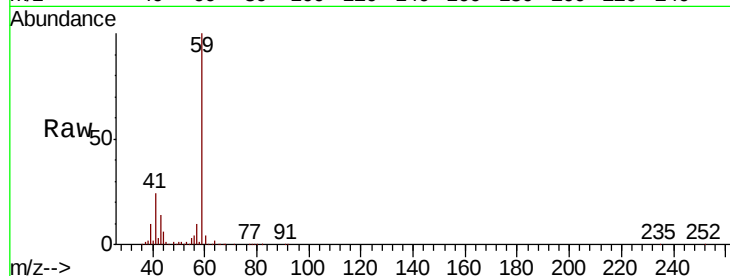




#11
Tert butyl alcohol
Concen: 96.20 ug/l
RT: 3.07 min Scan# 408
Delta R.T. -0.01 min
Lab File: VX003904.D
Acq: 08 Aug 2018 03:11

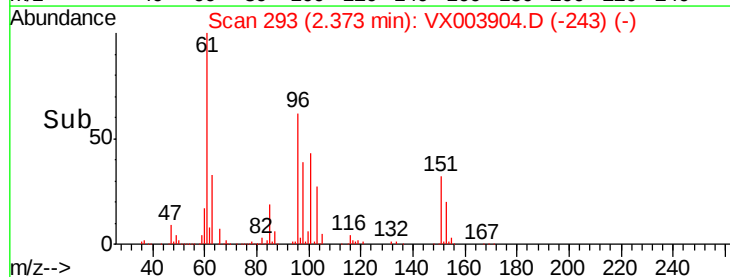
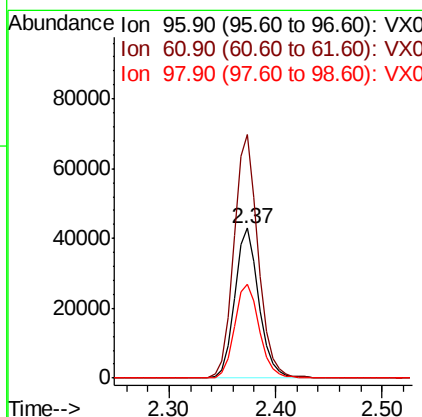
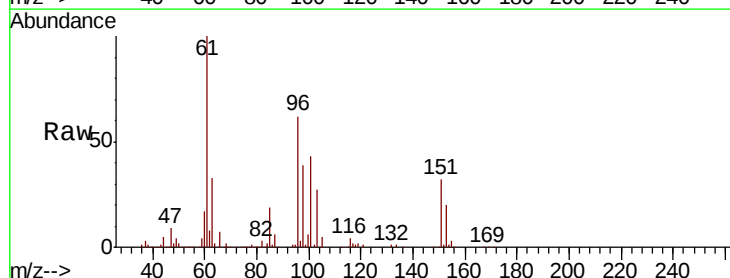
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS03

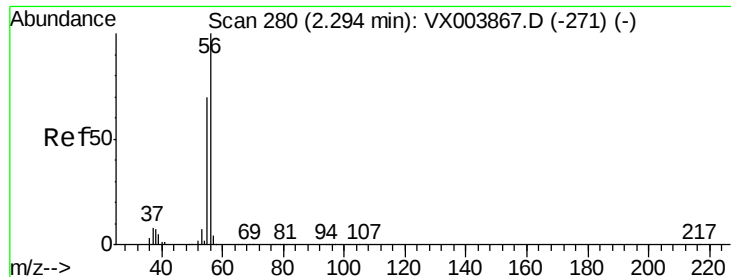
Tot Ion: 59 Resp: 100922
Ion Ratio Lower Upper
59 100
57 10.5 8.1 12.1



#12
1,1-Dichloroethene
Concen: 19.38 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.01 min
Lab File: VX003904.D
Acq: 08 Aug 2018 03:11

Tgt Ion: 96 Resp: 68500
Ion Ratio Lower Upper
96 100
61 162.4 131.3 196.9
98 62.6 51.8 77.6





#13

Acrolein

Concen: 89.25 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

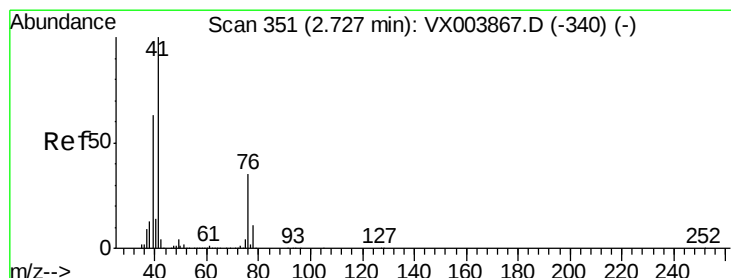
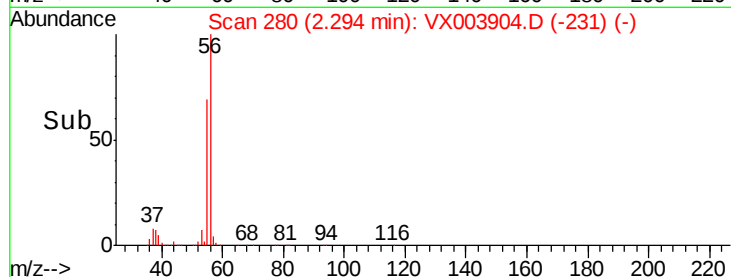
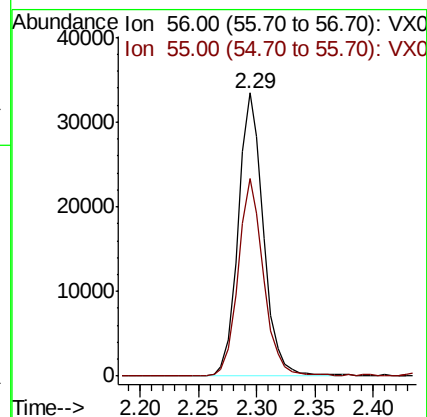
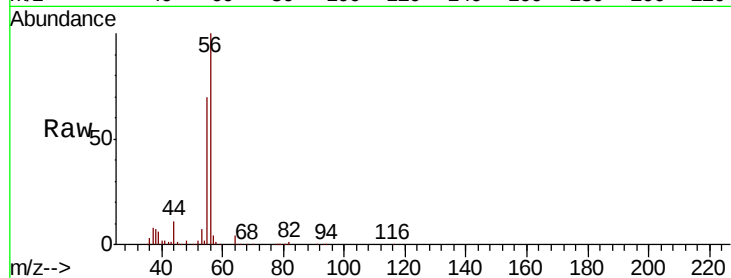
VX0807WBS03

Tot Ion: 56 Resp: 50472

Ion Ratio Lower Upper

56 100

55 70.4 56.1 84.1



#14

Allyl chloride

Concen: 18.74 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

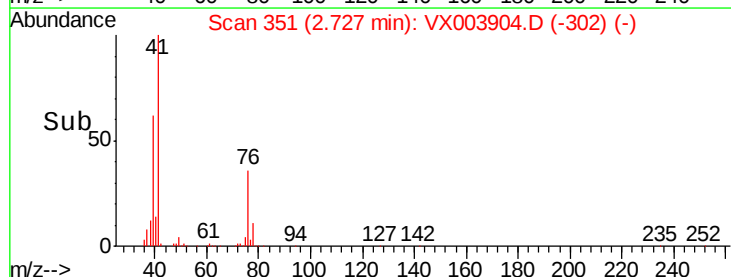
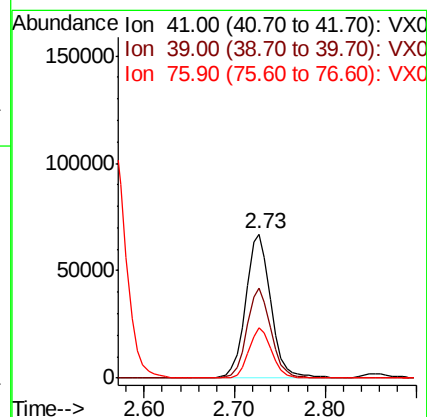
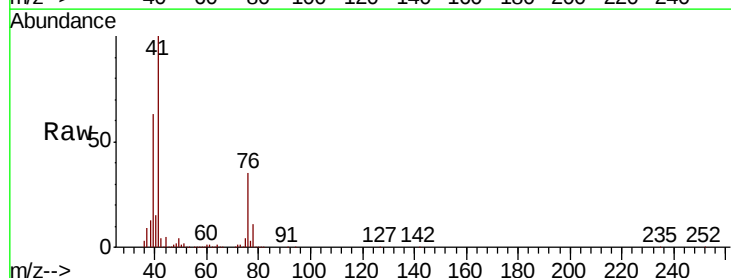
Tgt Ion: 41 Resp: 127681

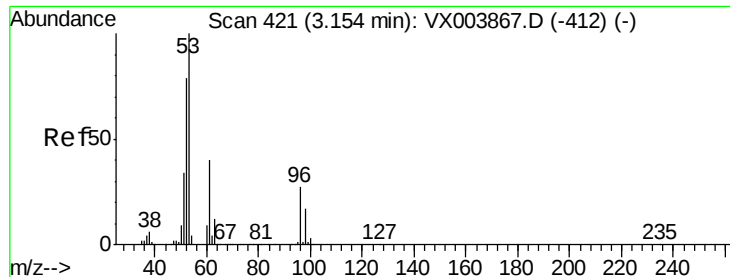
Ion Ratio Lower Upper

41 100

39 59.5 47.4 71.0

76 32.2 26.0 39.0





#15

Acrylonitrile

Concen: 99.80 ug/l

RT: 3.15 min Scan# 420

Delta R.T. -0.01 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS03

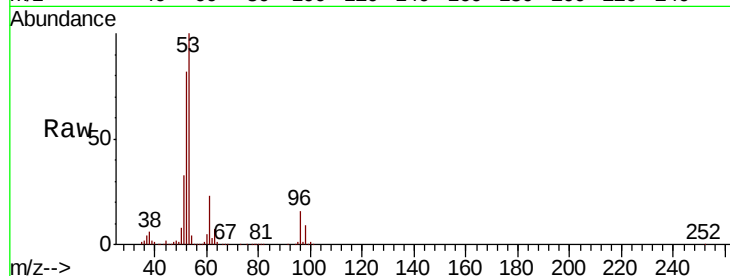
Tot Ion: 53 Resp: 249821

Ion Ratio Lower Upper

53 100

52 81.6 65.3 97.9

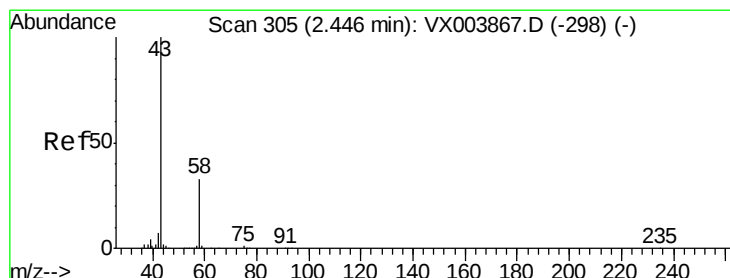
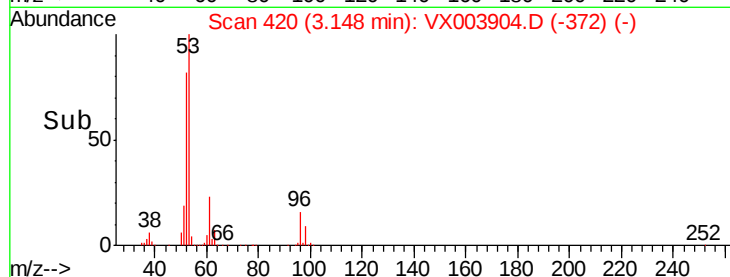
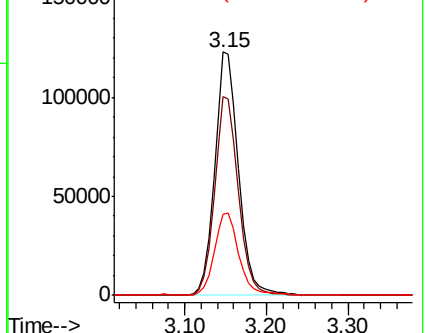
51 34.7 27.9 41.9



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: 97.33 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003904.D

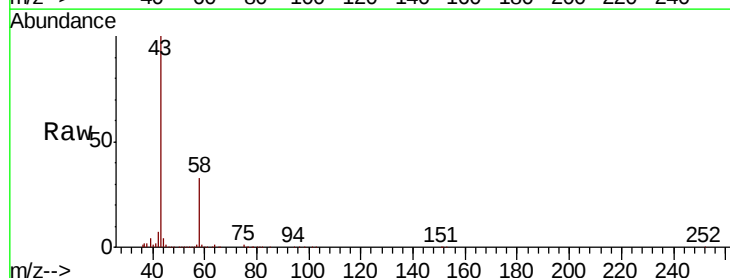
Acq: 08 Aug 2018 03:11

Tgt Ion: 43 Resp: 252788

Ion Ratio Lower Upper

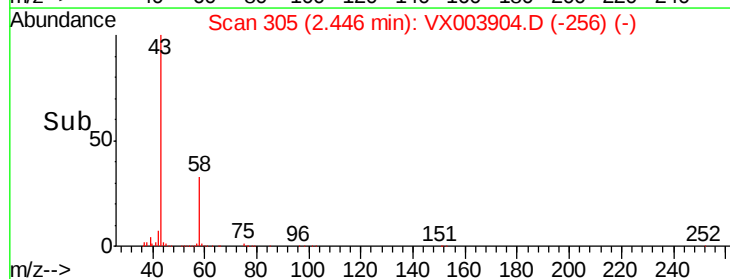
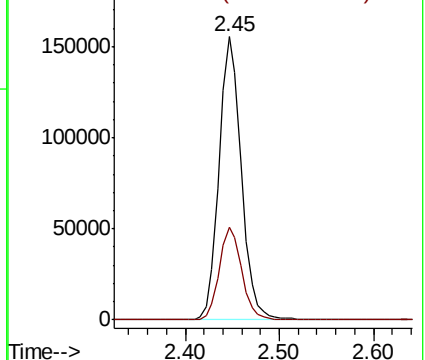
43 100

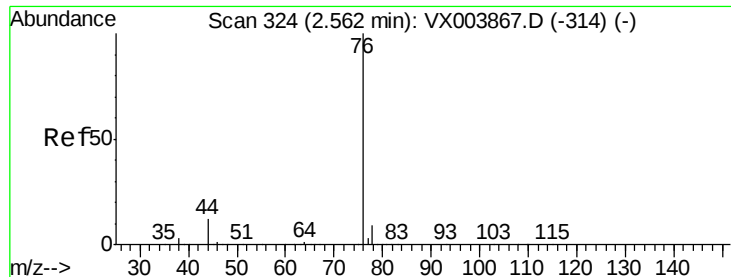
58 32.6 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

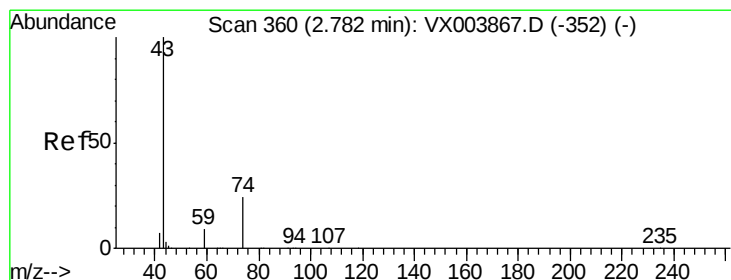
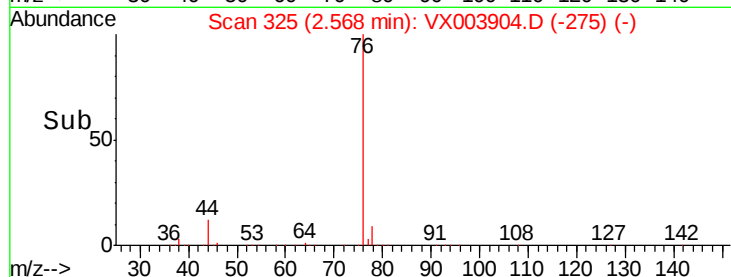
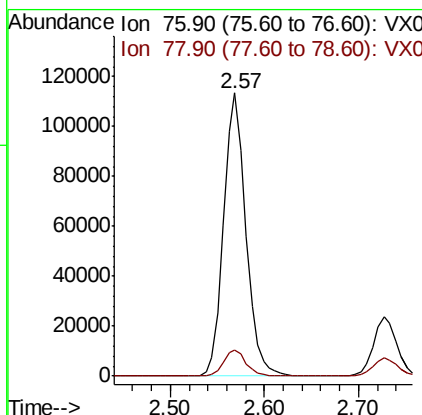
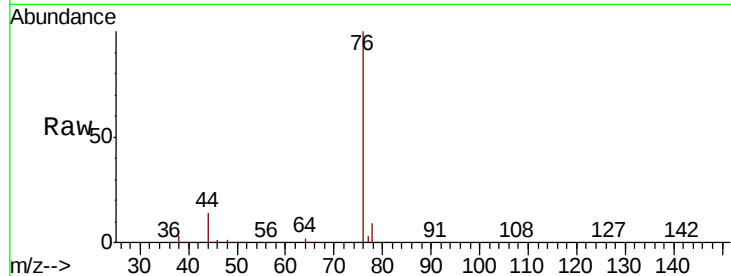




#17
Carbon Disulfide
Concen: 18.85 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.01 min
Lab File: VX003904.D
Acq: 08 Aug 2018 03:11

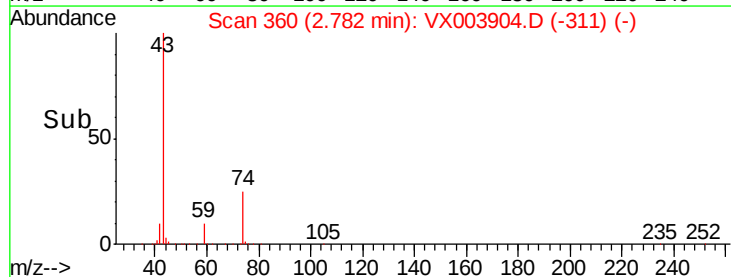
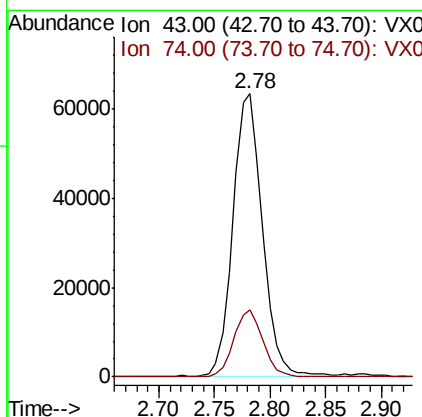
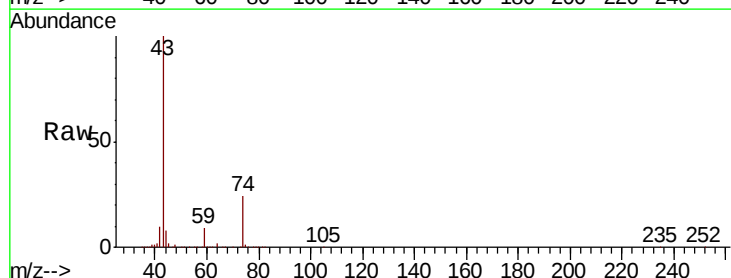
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS03

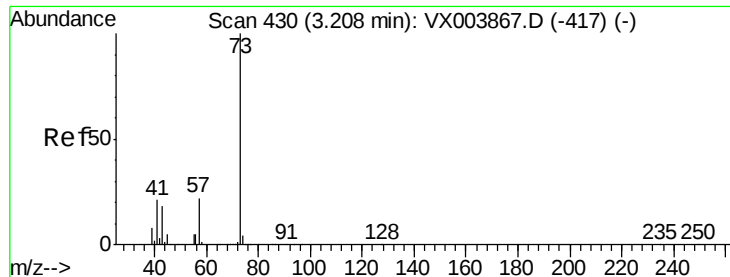
Tot Ion: 76 Resp: 186093
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 20.37 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003904.D
Acq: 08 Aug 2018 03:11

Tgt Ion: 43 Resp: 115223
Ion Ratio Lower Upper
43 100
74 23.1 18.9 28.3



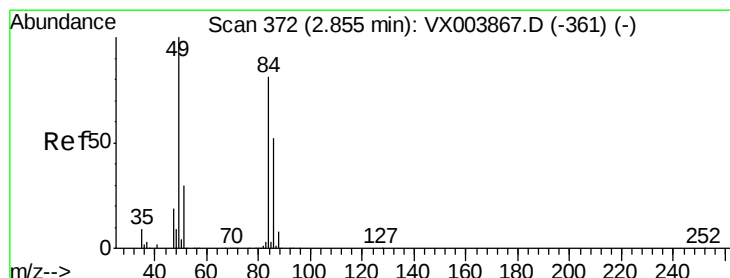
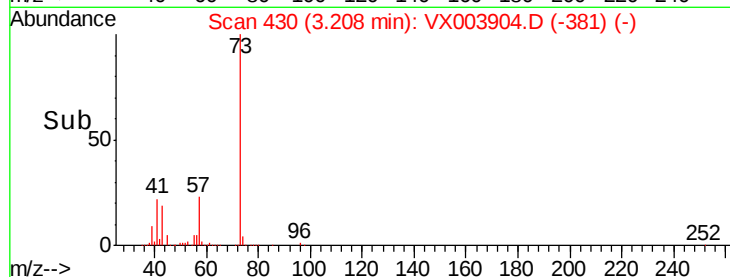
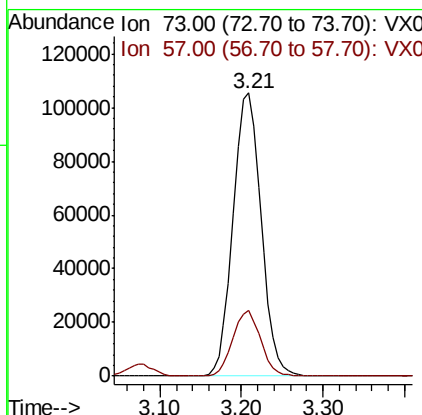
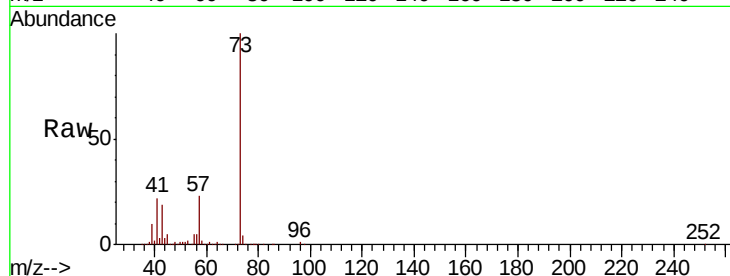


#19

Methyl tert-butyl Ether
 Concen: 20.04 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS03

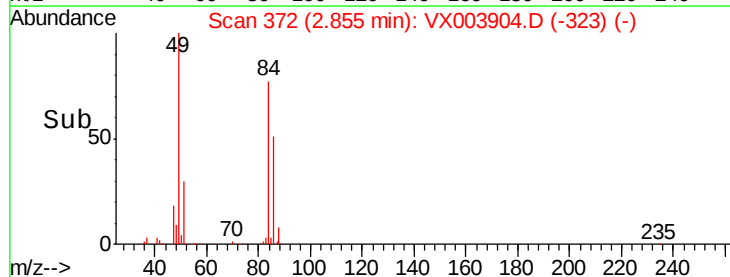
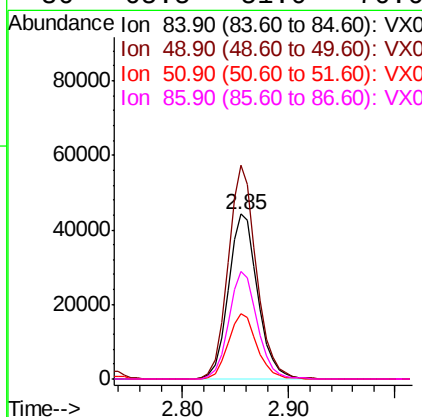
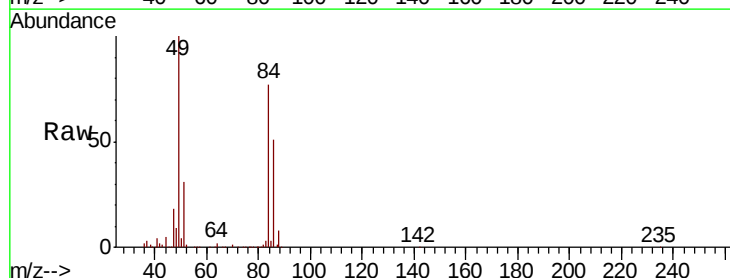
Tot Ion: 73 Resp: 251045
 Ion Ratio Lower Upper
 73 100
 57 23.3 18.0 27.0

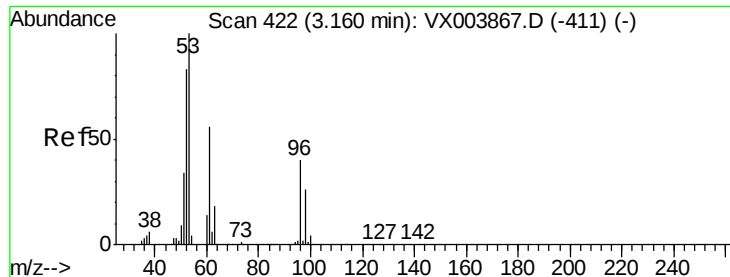


#20

Methylene Chloride
 Concen: 19.65 ug/l
 RT: 2.85 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

Tgt Ion: 84 Resp: 84953
 Ion Ratio Lower Upper
 84 100
 49 129.6 98.9 148.3
 51 39.4 29.9 44.9
 86 65.5 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 19.14 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS03

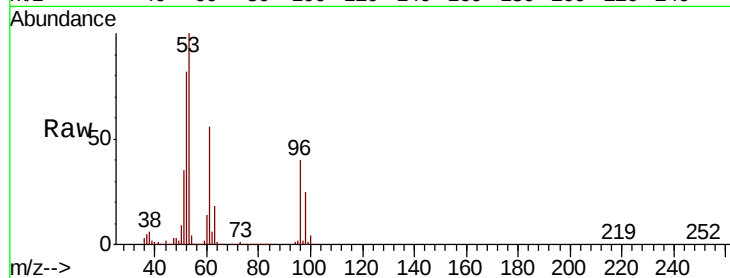
Tot Ion: 96 Resp: 76814

Ion Ratio Lower Upper

96 100

61 138.9 111.8 167.6

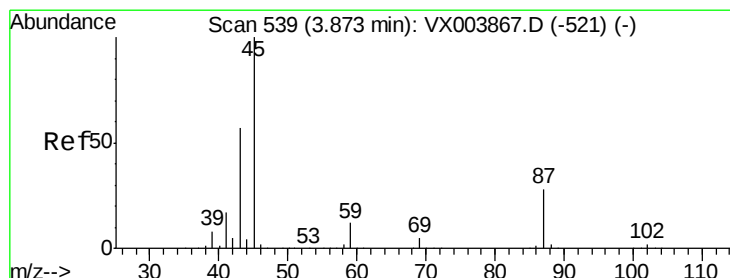
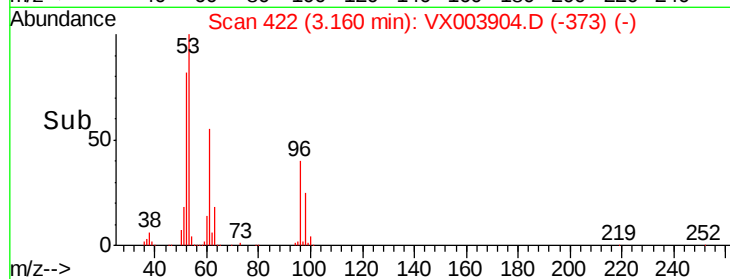
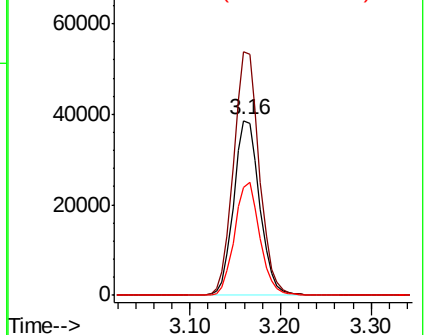
98 61.5 51.8 77.6



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: 19.86 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Tgt Ion: 45 Resp: 248767

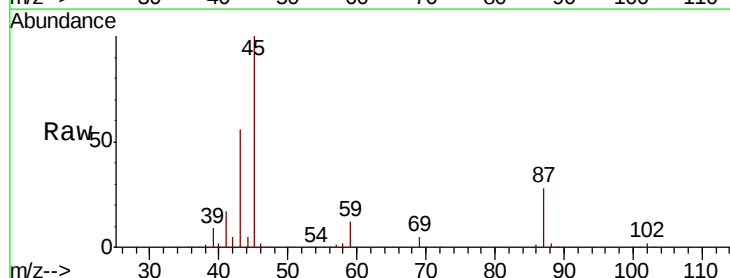
Ion Ratio Lower Upper

45 100

43 55.3 45.3 67.9

87 28.5 22.7 34.1

59 12.1 9.6 14.4

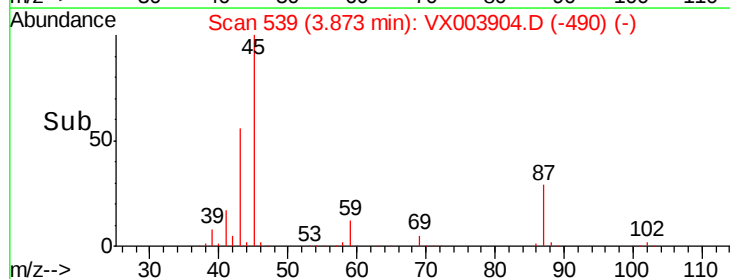
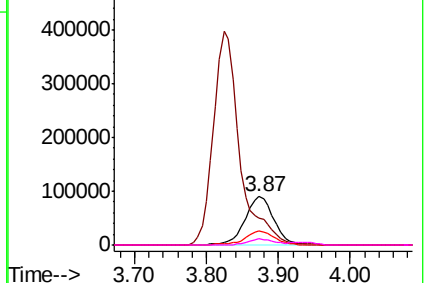


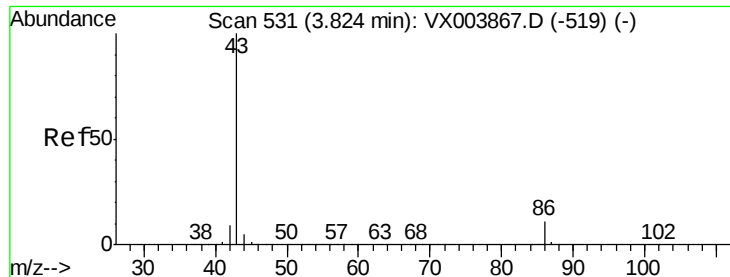
Abundance Ion 45.00 (44.70 to 45.70): VX0

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: 97.21 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

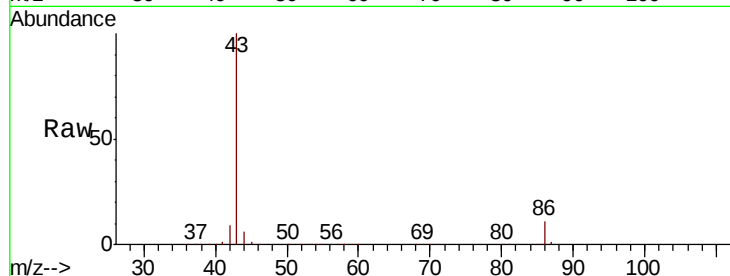
VX0807WBS03

Tot Ion: 43 Resp: 1013108

Ion Ratio Lower Upper

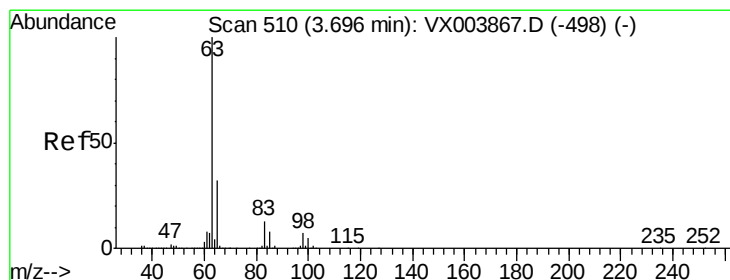
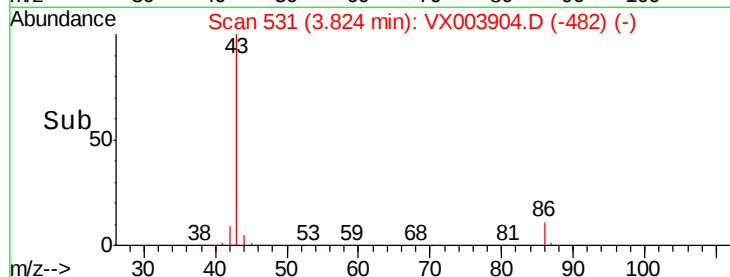
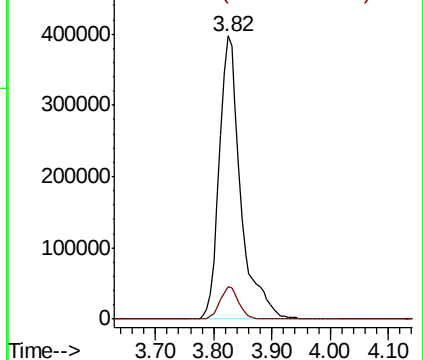
43 100

86 11.3 8.9 13.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.91 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

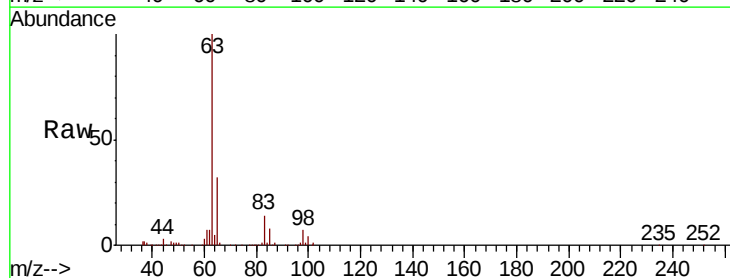
Tgt Ion: 63 Resp: 148162

Ion Ratio Lower Upper

63 100

98 7.4 3.5 10.5

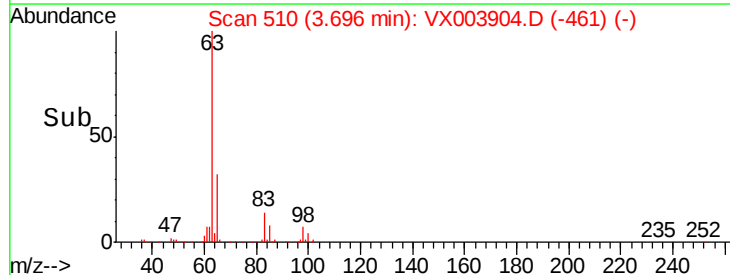
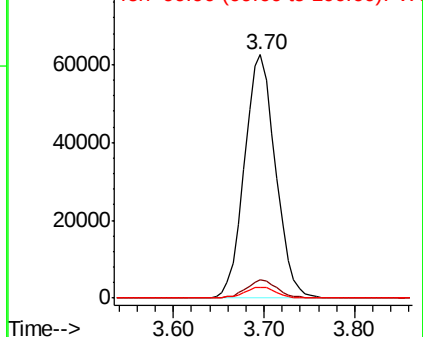
100 4.5 2.3 6.8

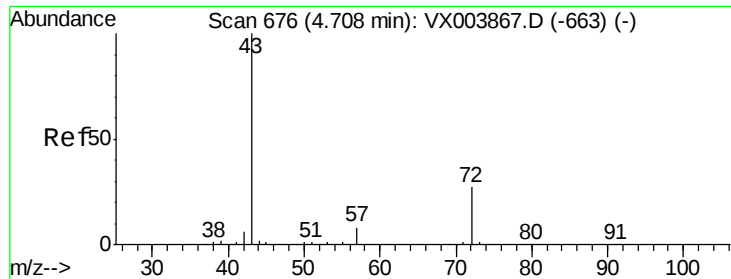


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

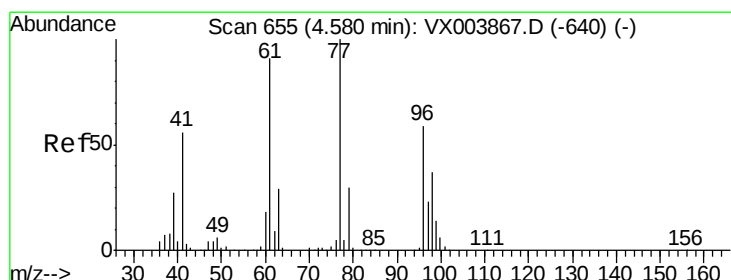
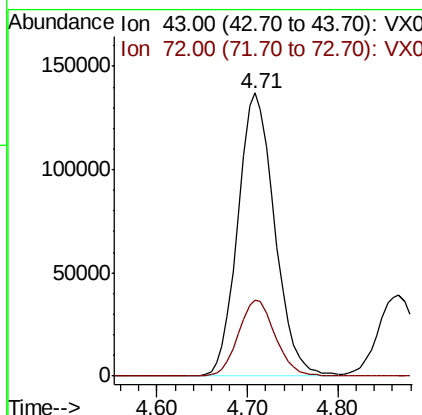
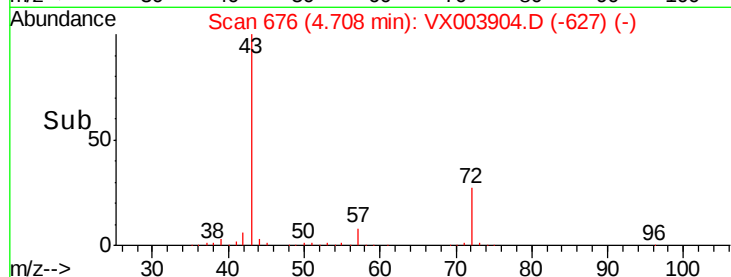
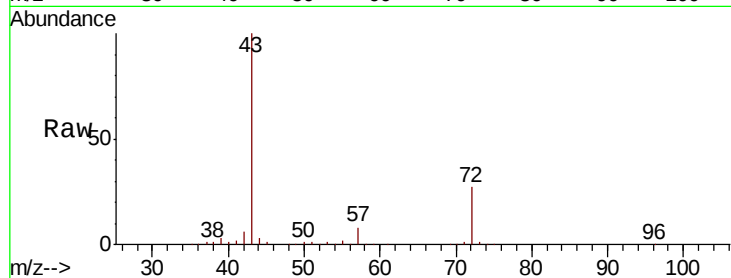




#25
 2-Butanone
 Concen: 98.55 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. 0.00 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

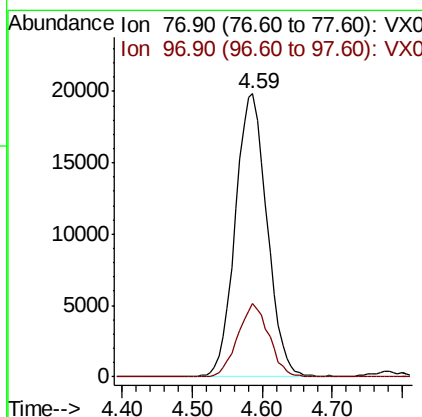
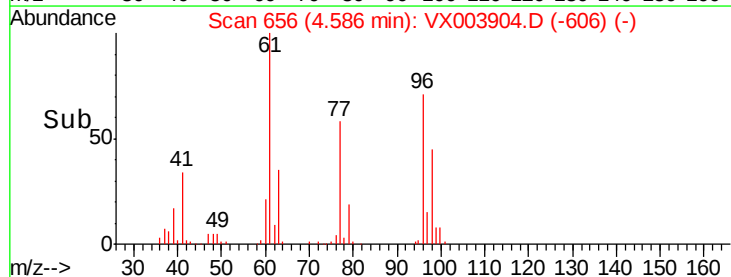
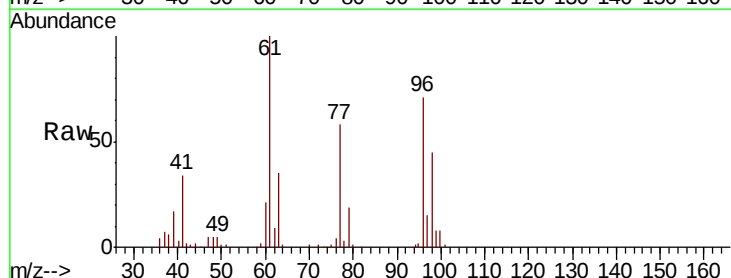
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS03

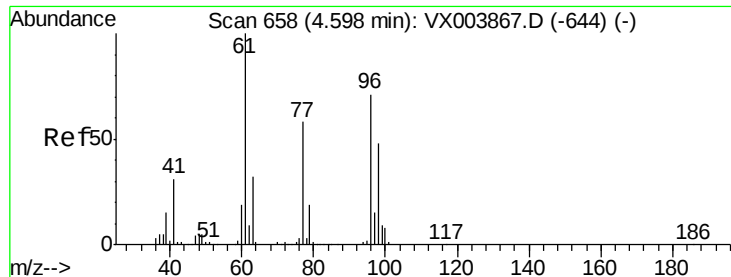
Tot Ion: 43 Resp: 384854
 Ion Ratio Lower Upper
 43 100
 72 26.6 21.4 32.0



#26
 2,2-Dichloropropane
 Concen: 11.67 ug/l
 RT: 4.59 min Scan# 656
 Delta R.T. 0.01 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

Tgt Ion: 77 Resp: 62593
 Ion Ratio Lower Upper
 77 100
 97 25.3 11.9 35.9





#27

cis-1,2-Dichloroethene

Concen: 19.48 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS03

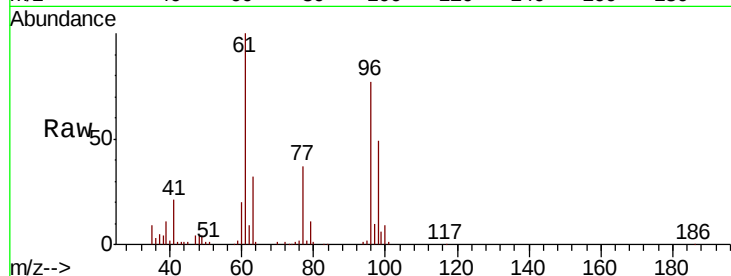
Tot Ion: 96 Resp: 84807

Ion Ratio Lower Upper

96 100

61 139.5 0.0 293.0

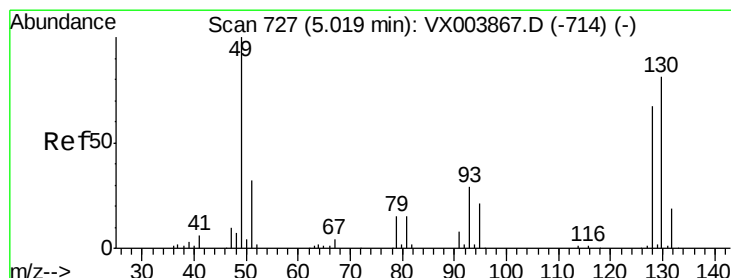
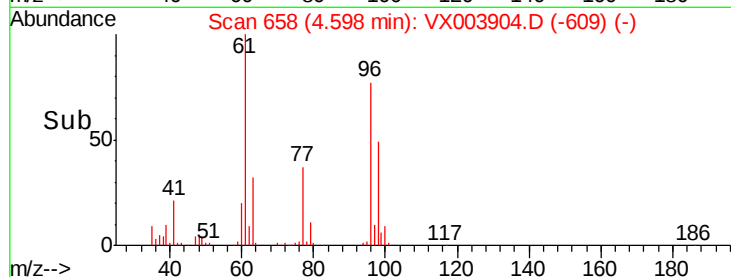
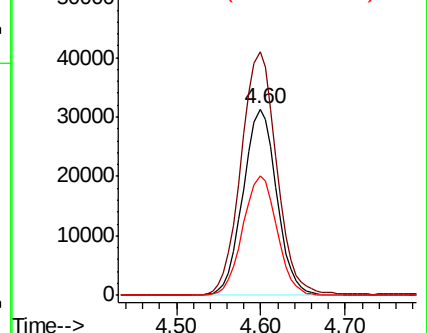
98 64.8 0.0 131.8



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: 21.10 ug/l

RT: 5.02 min Scan# 727

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

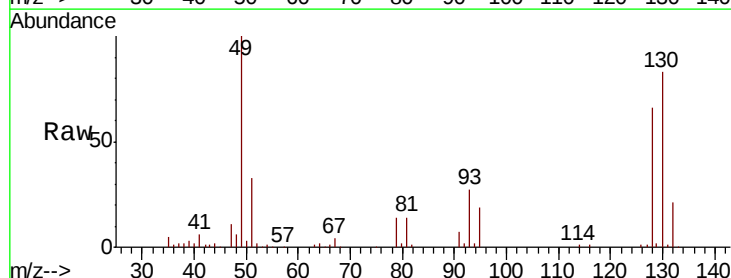
Tgt Ion: 49 Resp: 67174

Ion Ratio Lower Upper

49 100

129 2.0 0.0 4.2

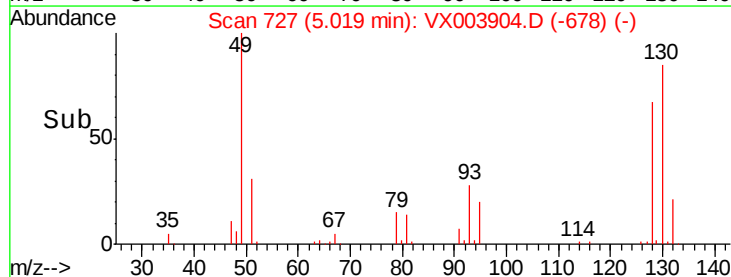
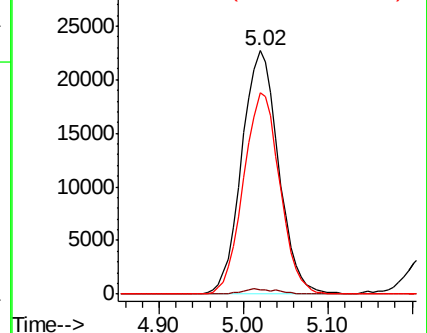
130 81.8 66.5 99.7

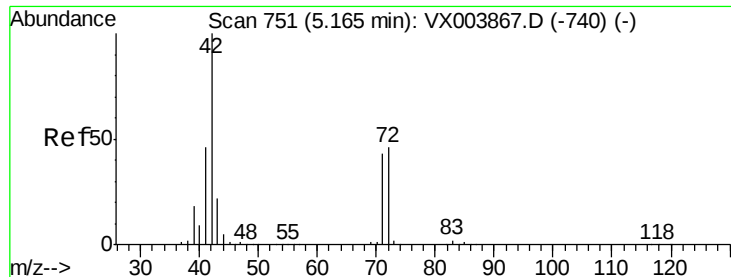


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 98.39 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS03

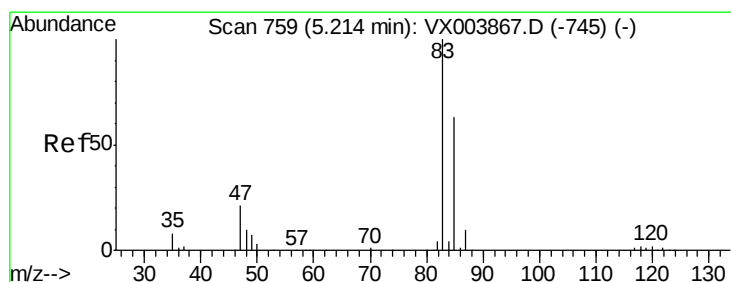
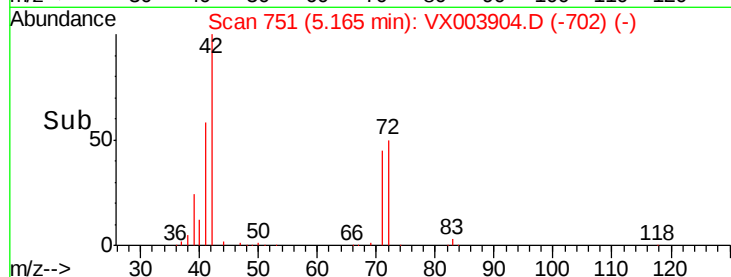
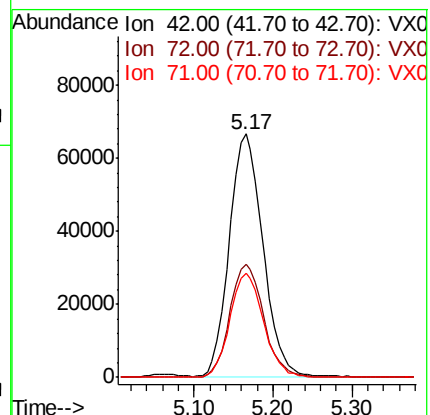
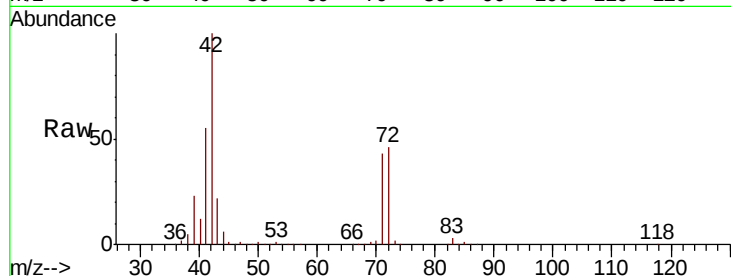
Tot Ion: 42 Resp: 197467

Ion Ratio Lower Upper

42 100

72 46.9 37.7 56.5

71 42.9 35.0 52.6



#30

Chloroform

Concen: 20.27 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX003904.D

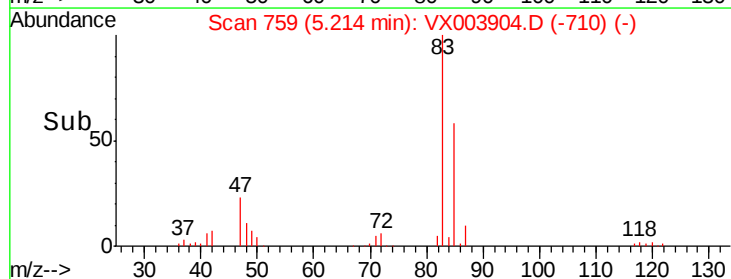
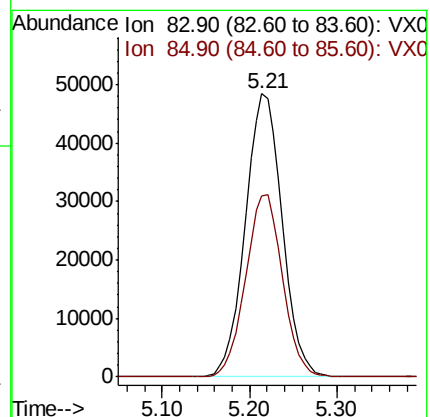
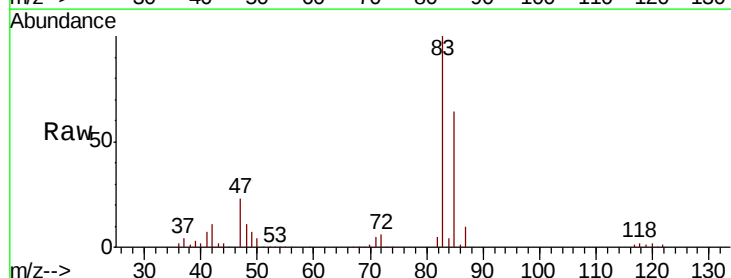
Acq: 08 Aug 2018 03:11

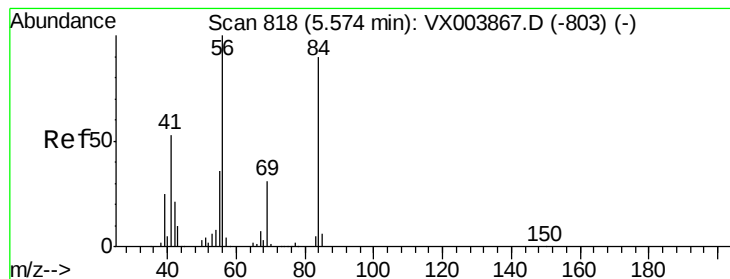
Tgt Ion: 83 Resp: 141972

Ion Ratio Lower Upper

83 100

85 64.0 50.7 76.1





#31

Cyclohexane

Concen: 19.14 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS03

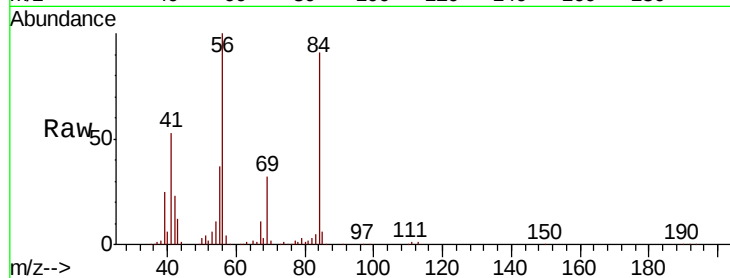
Tot Ion: 56 Resp: 120425

Ion Ratio Lower Upper

56 100

69 32.1 24.9 37.3

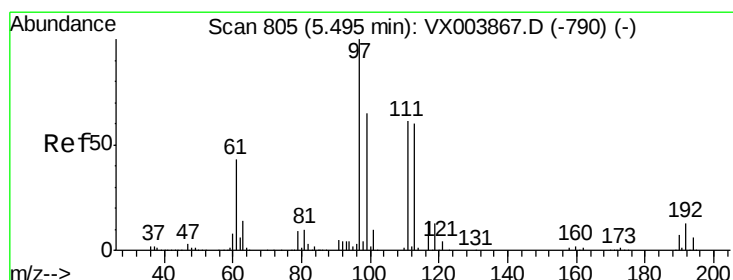
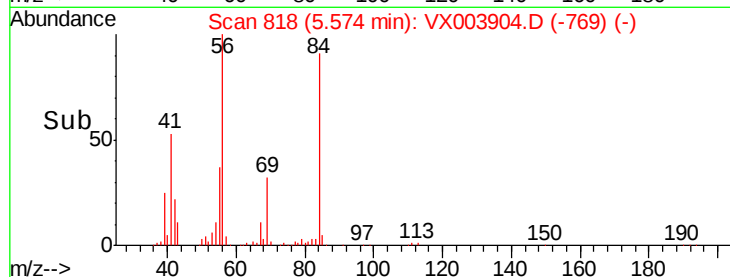
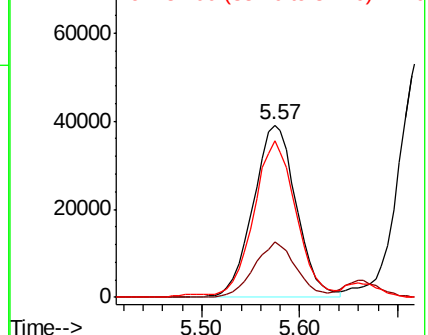
84 89.1 71.7 107.5



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: 20.17 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

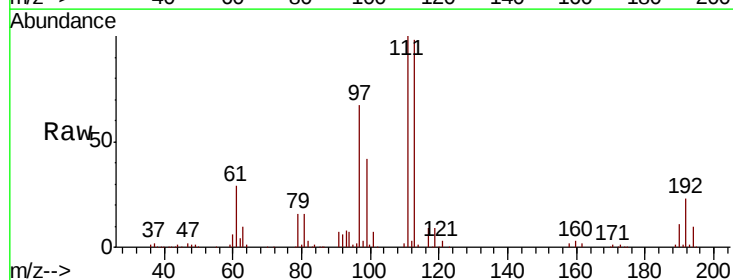
Tgt Ion: 97 Resp: 118468

Ion Ratio Lower Upper

97 100

99 63.8 51.8 77.8

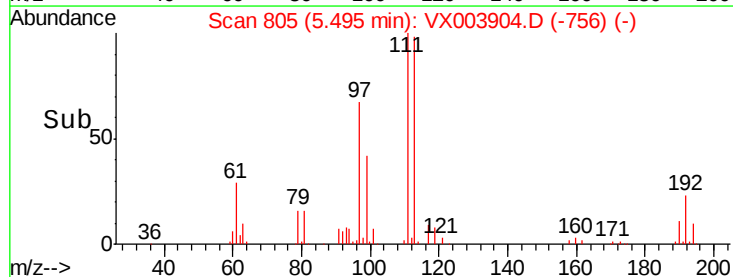
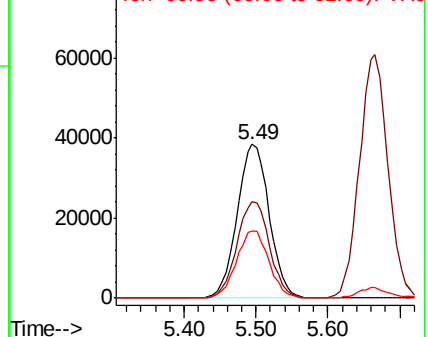
61 44.5 34.4 51.6

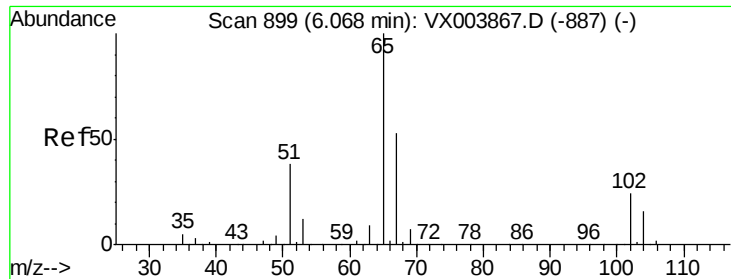


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

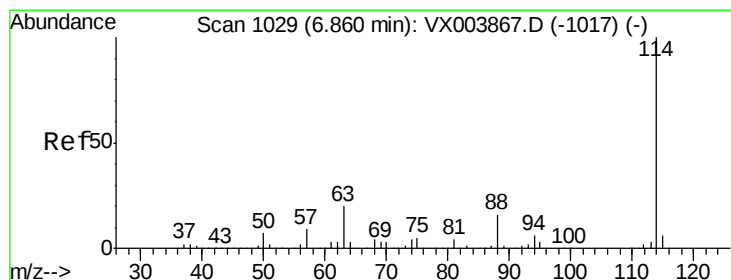
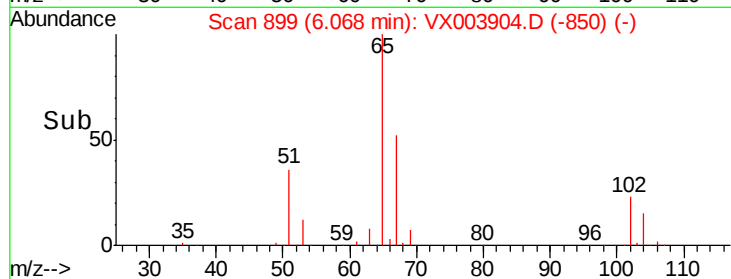
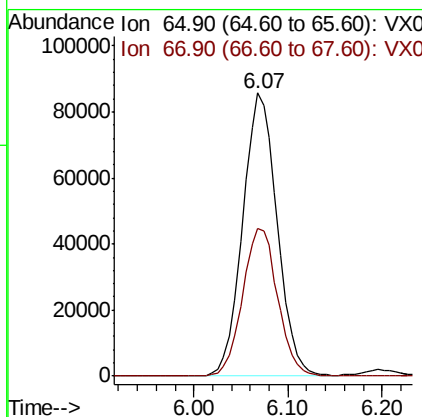
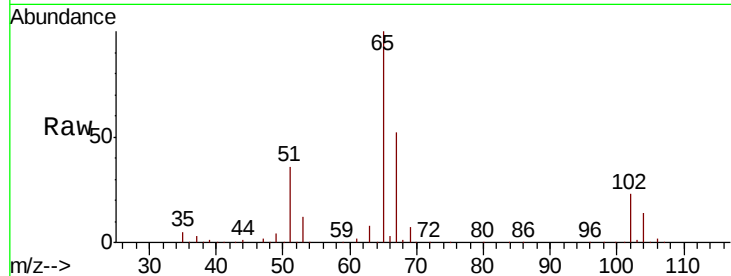




#33
 1,2-Dichloroethane-d4
 Concen: 50.34 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. 0.00 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

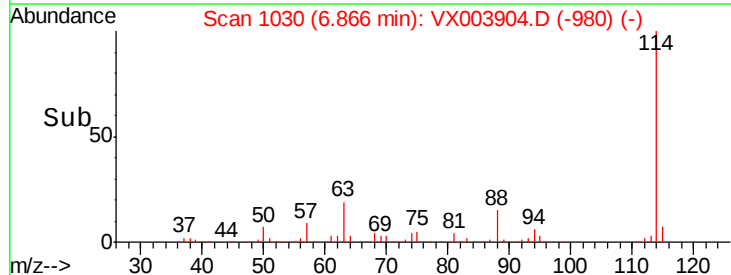
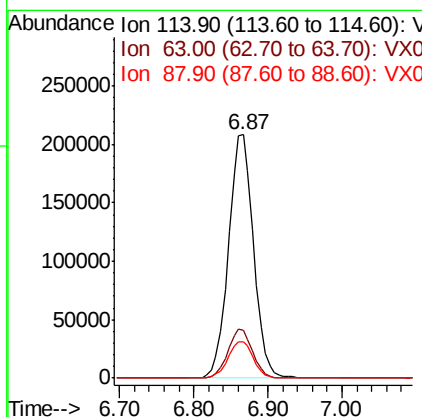
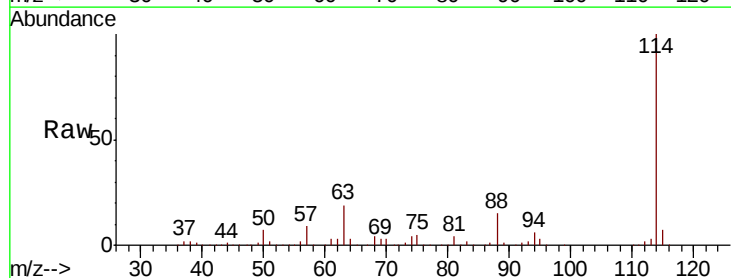
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS03

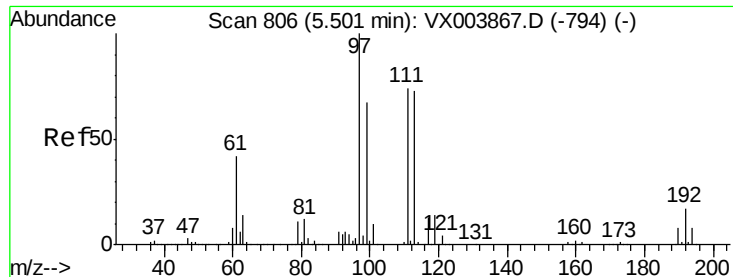
Tot Ion: 65 Resp: 219784
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.01 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

Tgt Ion: 114 Resp: 488326
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 39.0
 88 15.1 0.0 32.0

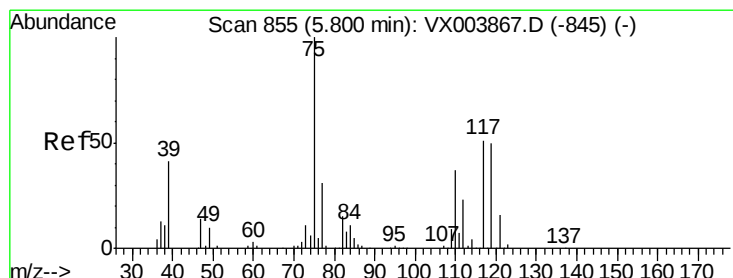
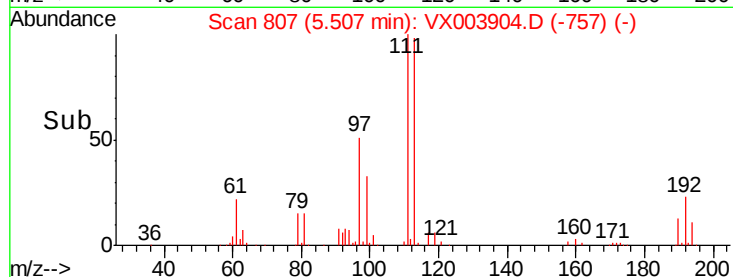
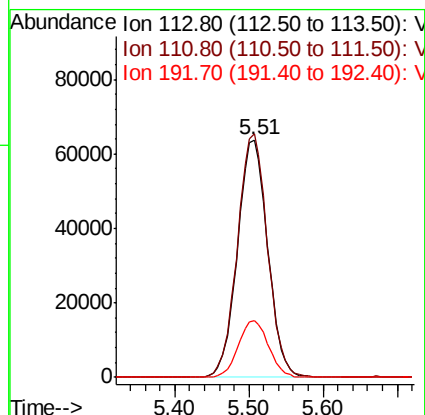
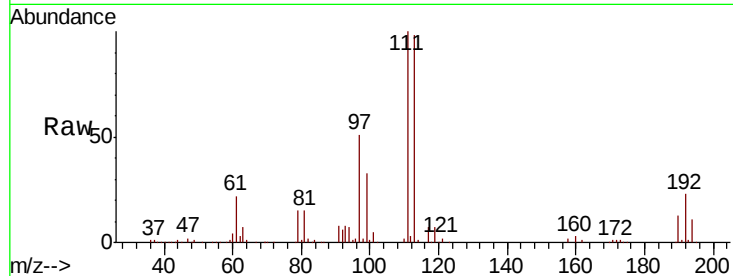




#35
 Dibromofluoromethane
 Concen: 49.12 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.01 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

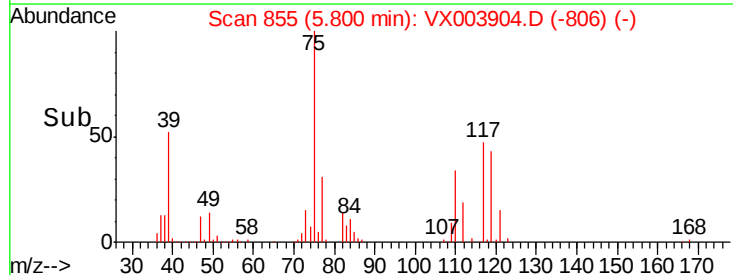
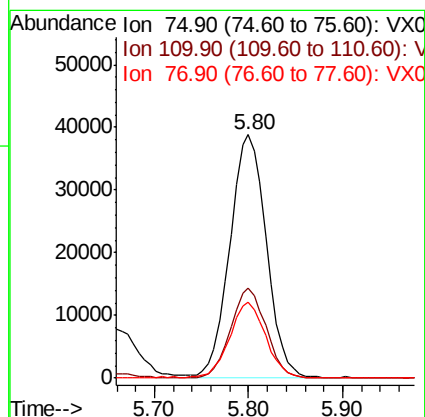
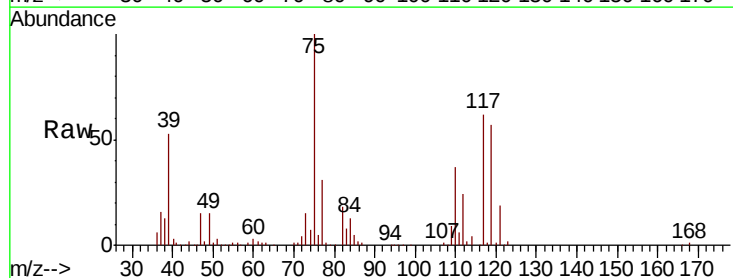
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS03

Tot Ion:113 Resp: 181712
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.0 123.0
 192 24.0 19.0 28.4



#36
 1,1-Dichloropropene
 Concen: 19.05 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

Tgt Ion: 75 Resp: 104207
 Ion Ratio Lower Upper
 75 100
 110 36.3 18.2 54.6
 77 31.1 25.0 37.4

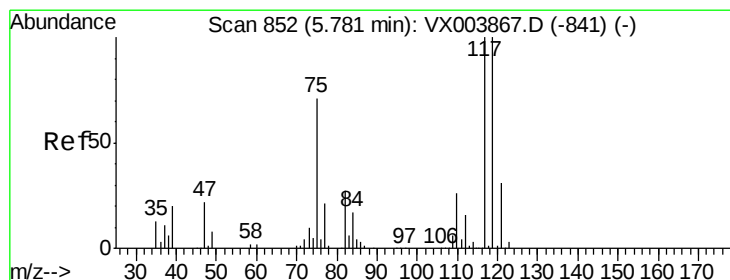
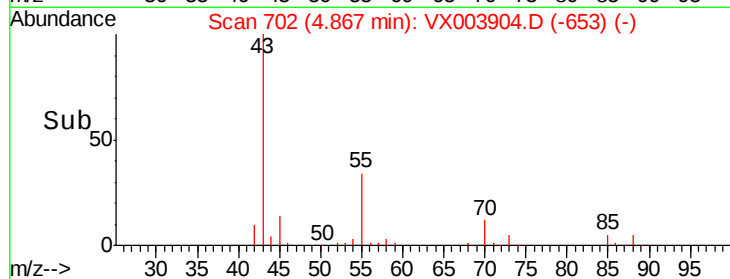
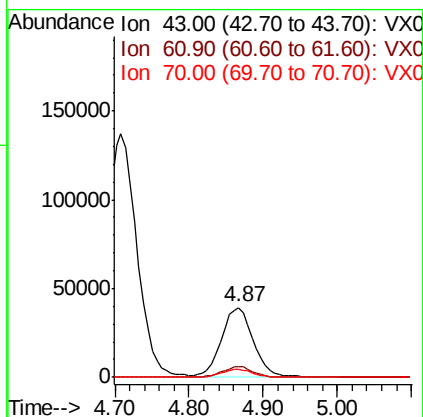
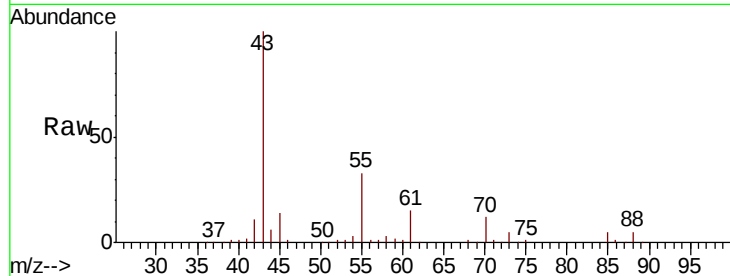




#37
Ethyl Acetate
Concen: 19.42 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003904.D
Acq: 08 Aug 2018 03:11

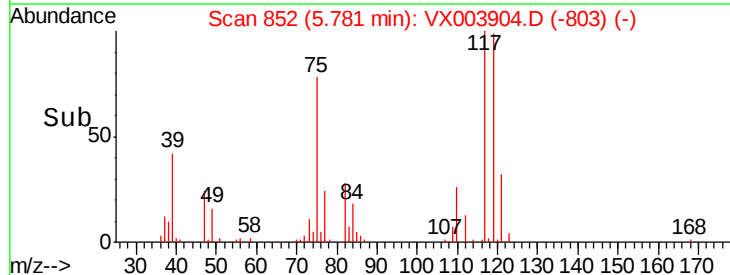
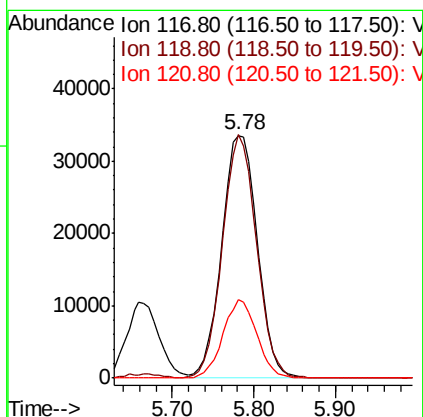
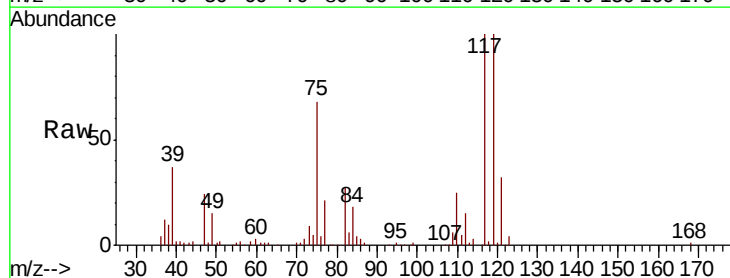
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS03

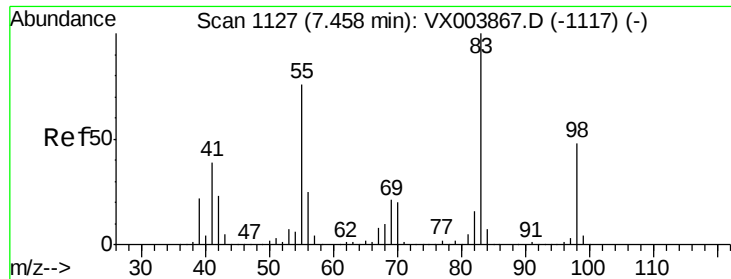
Tot Ion: 43 Resp: 116824
Ion Ratio Lower Upper
43 100
61 14.7 11.5 17.3
70 11.5 9.0 13.4



#38
Carbon Tetrachloride
Concen: 19.47 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003904.D
Acq: 08 Aug 2018 03:11

Tgt Ion: 117 Resp: 101373
Ion Ratio Lower Upper
117 100
119 100.3 79.5 119.3
121 32.1 25.0 37.4

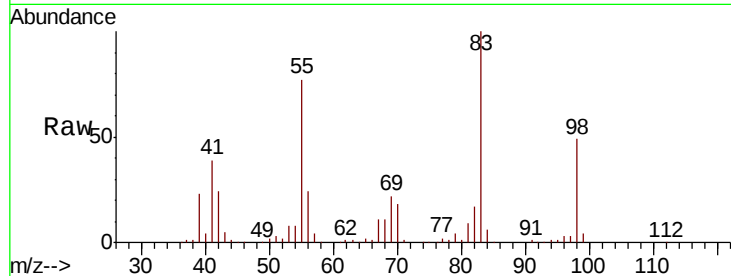




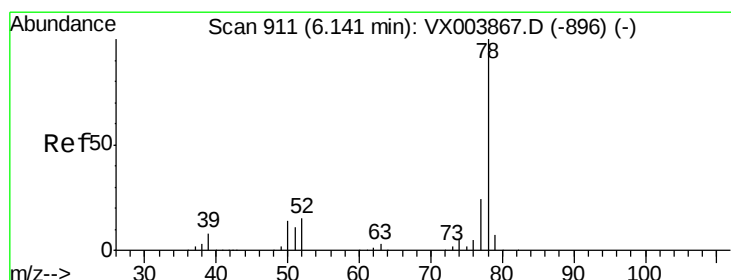
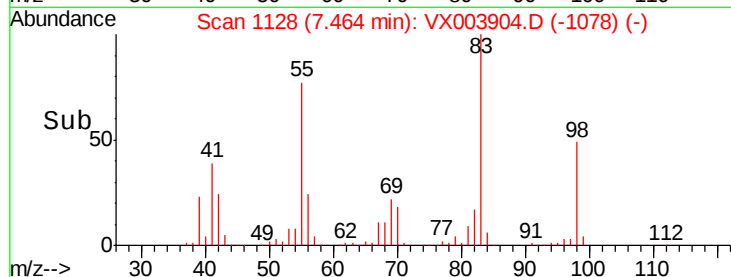
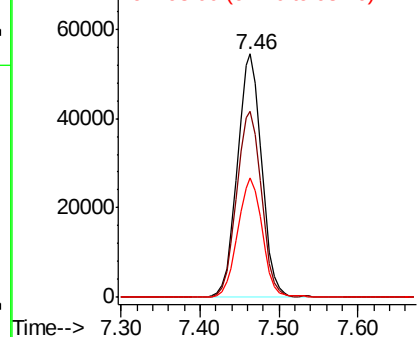
#39
Methvlcvclohexane
Concen: 18.11 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003904.D
Acq: 08 Aug 2018 03:11

Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS03

Tot Ion: 83 Resp: 116765
Ion Ratio Lower Upper
83 100
55 76.6 61.0 91.6
98 49.0 38.6 57.8

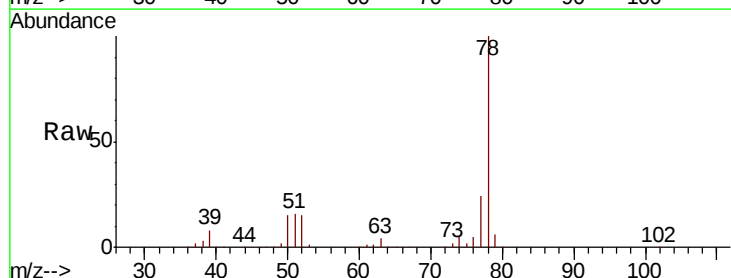


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

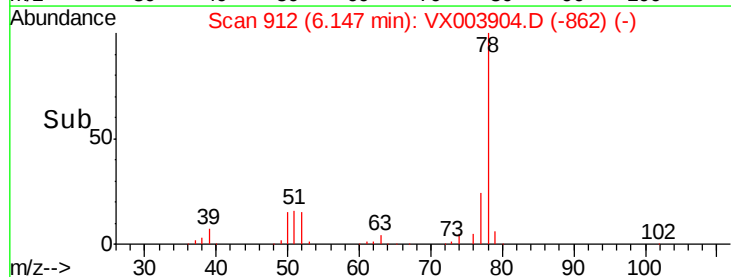
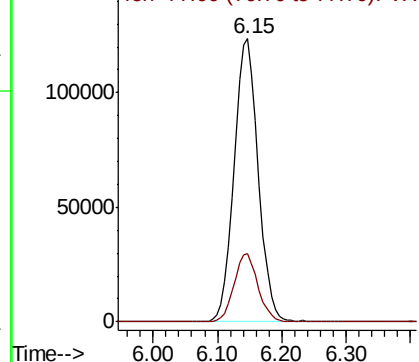


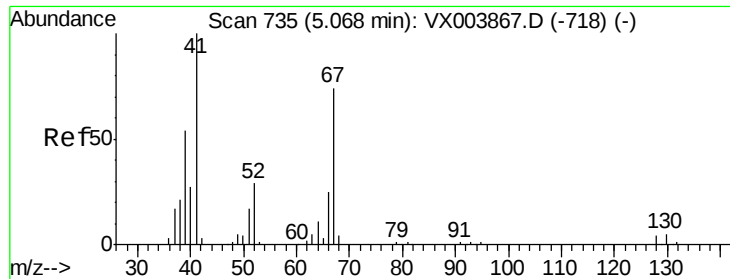
#40
Benzene
Concen: 19.77 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003904.D
Acq: 08 Aug 2018 03:11

Tgt Ion: 78 Resp: 324663
Ion Ratio Lower Upper
78 100
77 24.2 19.0 28.4



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

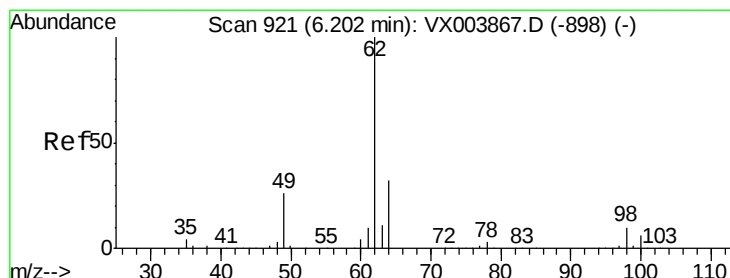
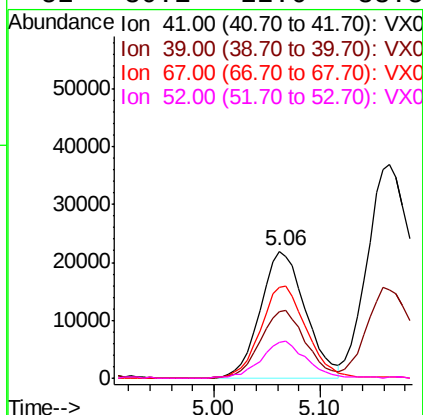
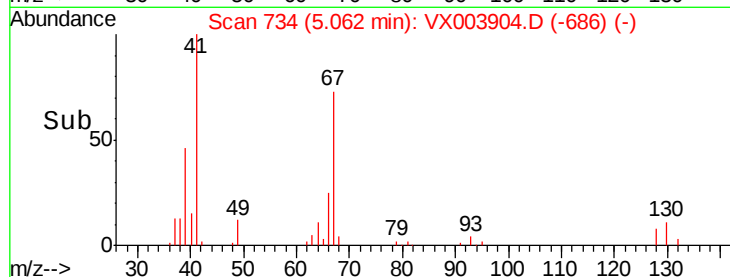
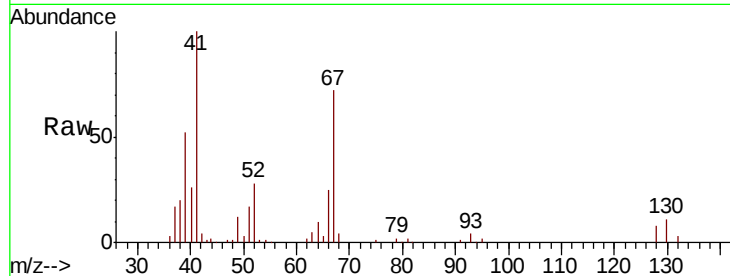




#41
Methacrylonitrile
Concen: 19.42 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX003904.D
Acq: 08 Aug 2018 03:11

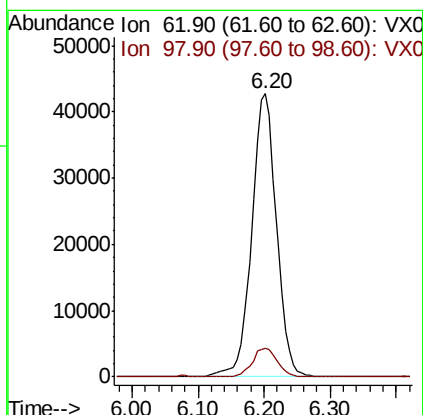
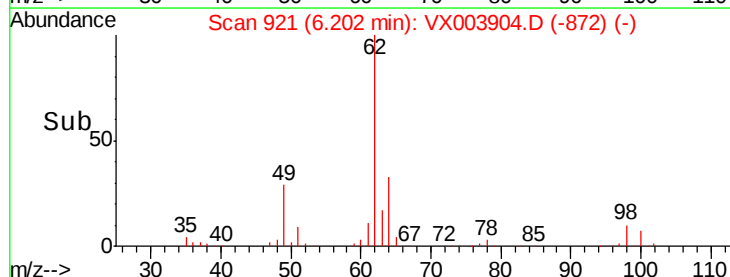
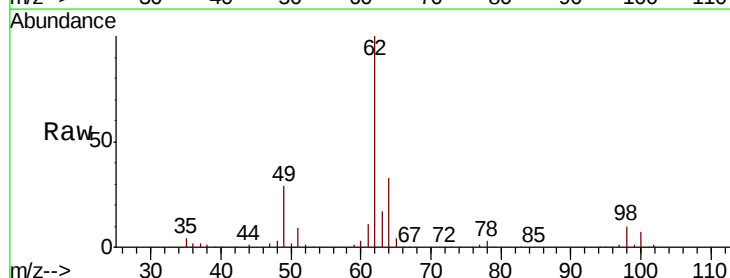
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS03

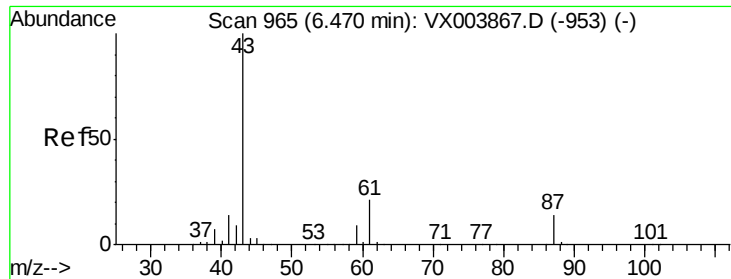
Tot Ion:	41	Resp:	64357
Ion	Ratio	Lower	Upper
41	100		
39	53.8	42.7	64.1
67	73.9	58.9	88.3
52	30.1	22.6	33.8



#42
1,2-Dichloroethane
Concen: 20.14 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003904.D
Acq: 08 Aug 2018 03:11

Tgt Ion:	62	Resp:	111824
Ion	Ratio	Lower	Upper
62	100		
98	10.1	0.0	20.4





#43

Isopropyl Acetate

Concen: 19.35 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS03

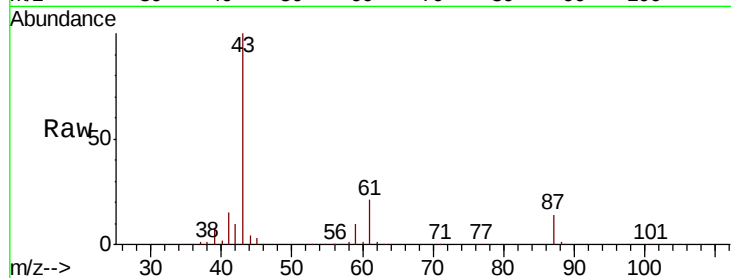
Tot Ion: 43 Resp: 175177

Ion Ratio Lower Upper

43 100

61 20.6 16.9 25.3

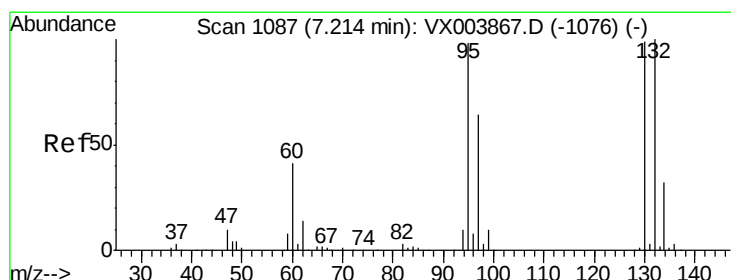
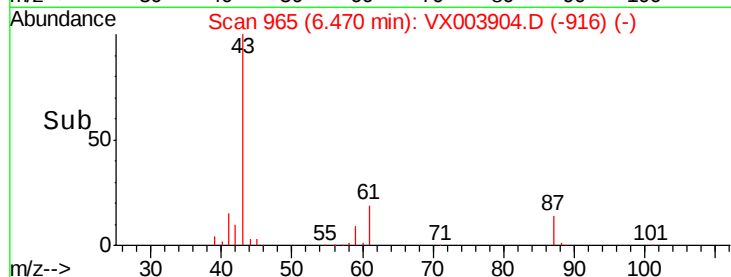
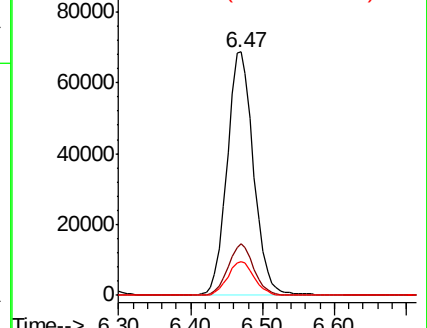
87 13.9 11.3 16.9



Abundance Ion 43.00 (42.70 to 43.70): VX003867.D (-953) (-)

Ion 61.00 (60.70 to 61.70): VX003867.D (-953) (-)

Ion 87.00 (86.70 to 87.70): VX003867.D (-953) (-)



#44

Trichloroethene

Concen: 18.86 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003904.D

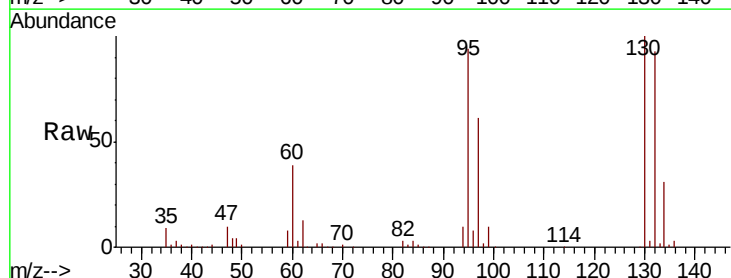
Acq: 08 Aug 2018 03:11

Tgt Ion:130 Resp: 84700

Ion Ratio Lower Upper

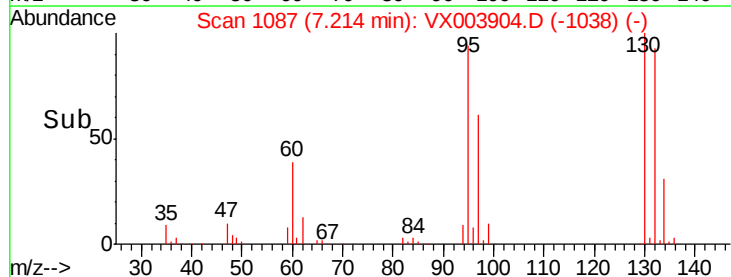
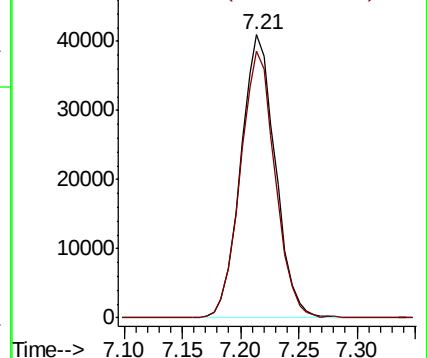
130 100

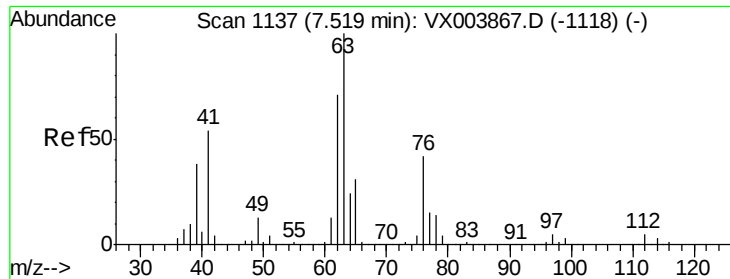
95 94.1 0.0 199.4



Abundance Ion 129.80 (129.50 to 130.50): VX003867.D (-1076) (-)

Ion 94.90 (94.60 to 95.60): VX003867.D (-1076) (-)

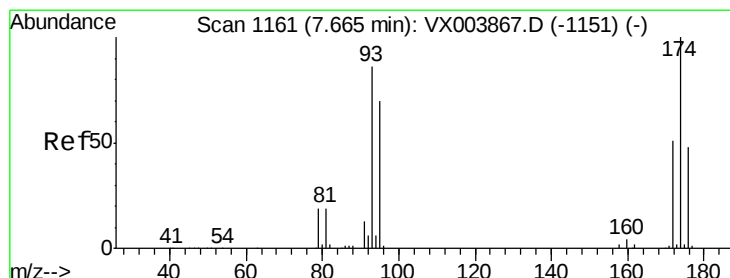
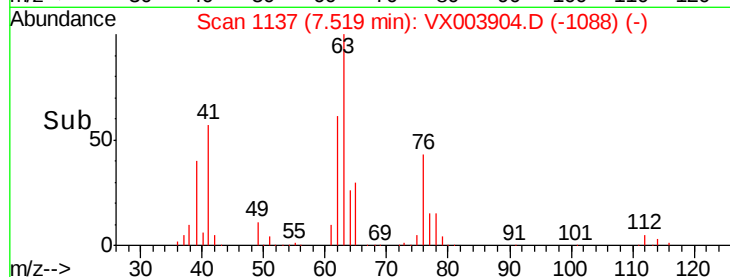
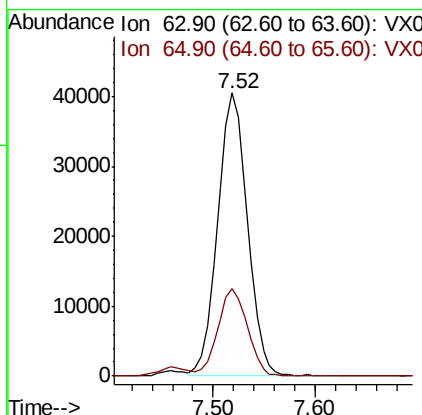
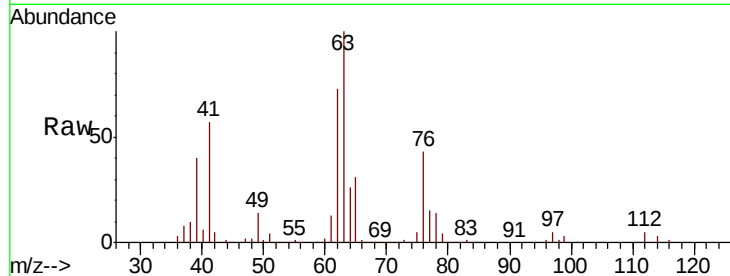




#45
 1,2-Dichloropropane
 Concen: 19.45 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

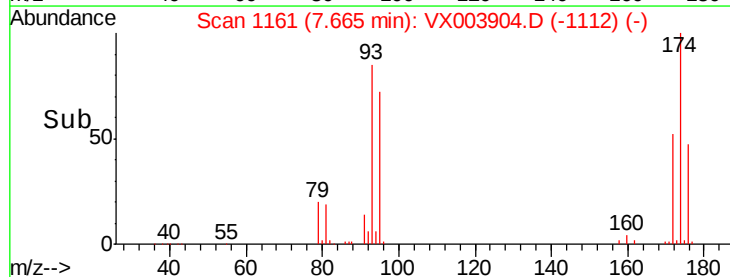
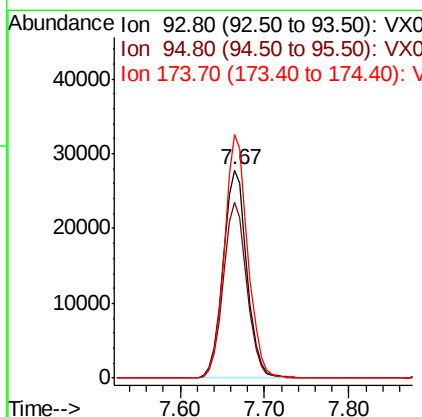
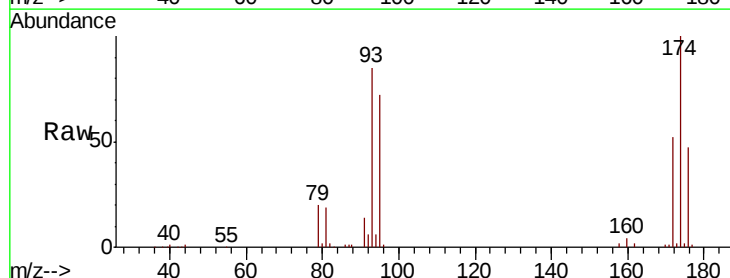
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS03

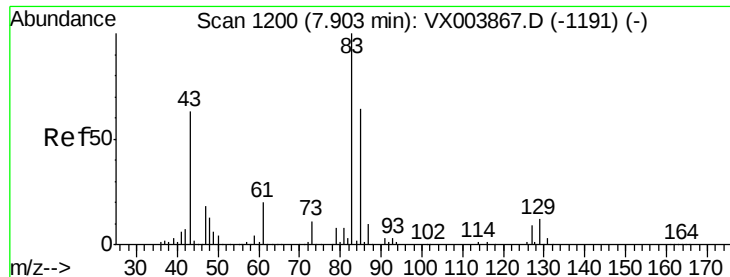
Tot Ion: 63 Resp: 82490
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.6 36.8



#46
 Dibromomethane
 Concen: 19.48 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

Tgt Ion: 93 Resp: 53631
 Ion Ratio Lower Upper
 93 100
 95 84.1 66.4 99.6
 174 114.8 94.3 141.5





#47

Bromodichloromethane

Concen: 19.34 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS03

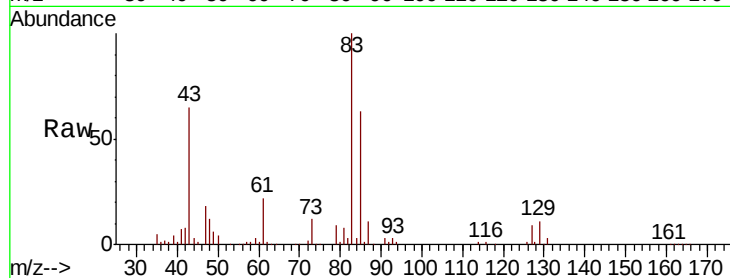
Tot Ion: 83 Resp: 100291

Ion Ratio Lower Upper

83 100

85 63.2 51.2 76.8

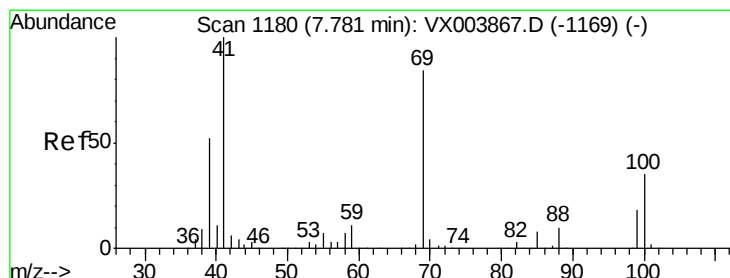
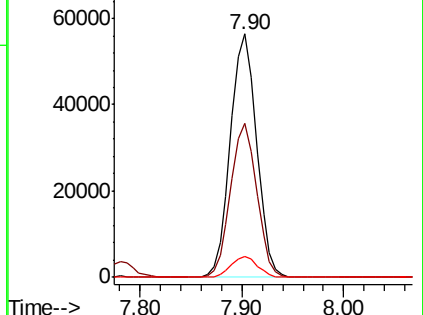
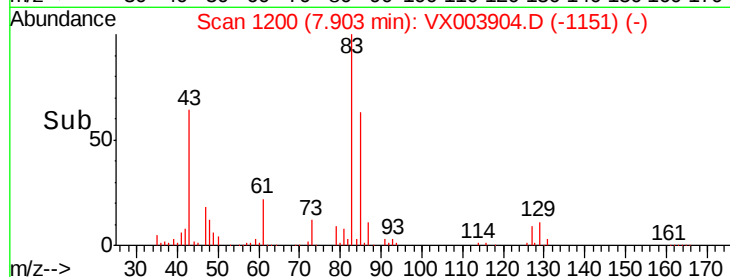
127 8.6 7.2 10.8



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: 19.65 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

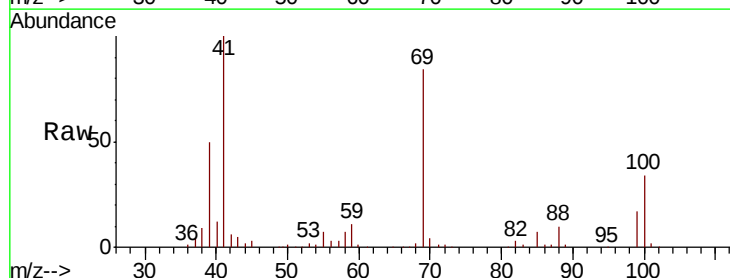
Tgt Ion: 41 Resp: 90429

Ion Ratio Lower Upper

41 100

69 85.7 68.8 103.2

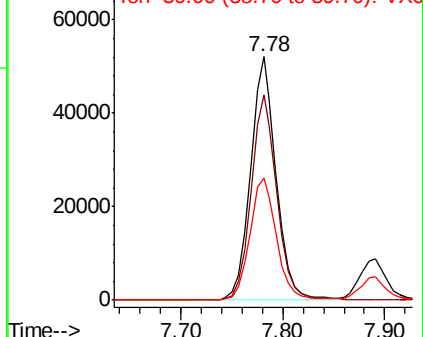
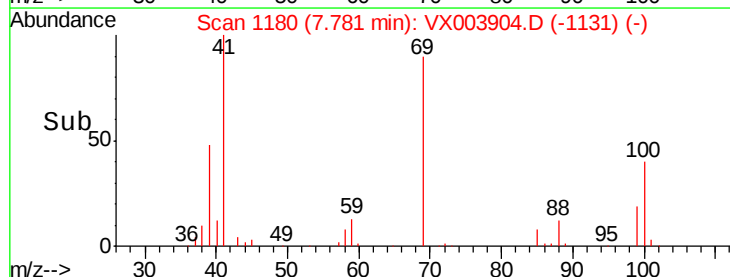
39 52.8 42.3 63.5

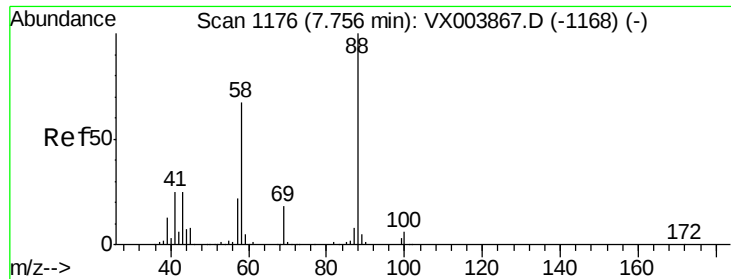


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

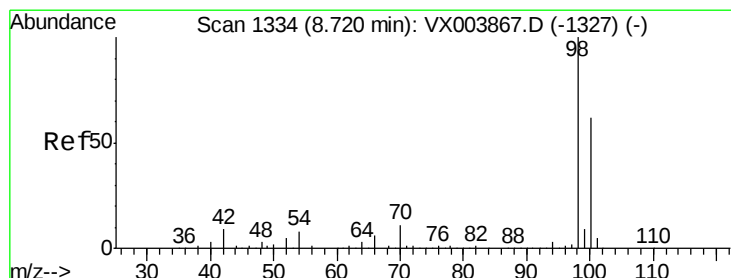
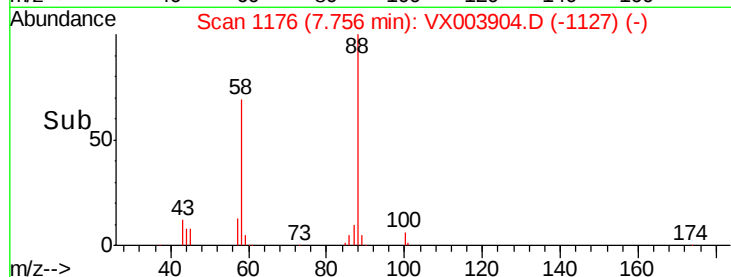
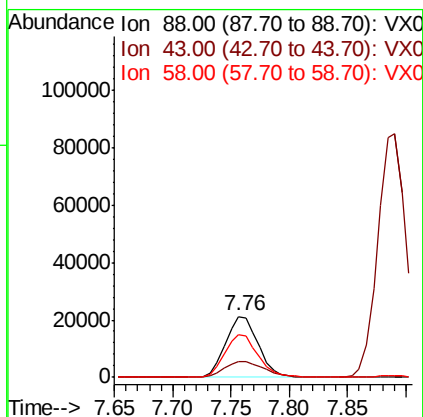
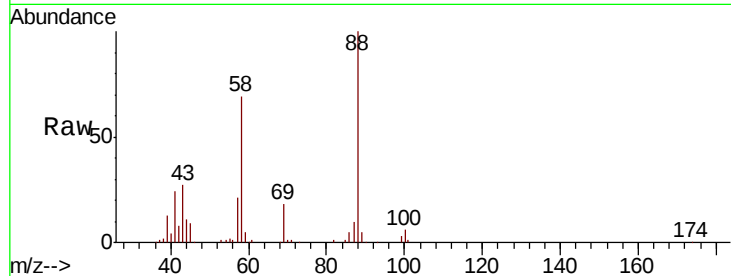




#49
 1,4-Dioxane
 Concen: 380.84 ug/l
 RT: 7.76 min Scan# 1176
 Delta R.T. 0.00 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

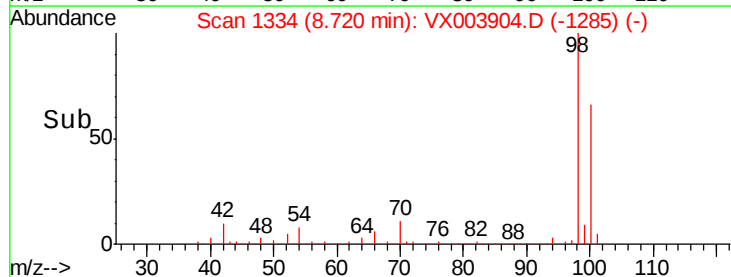
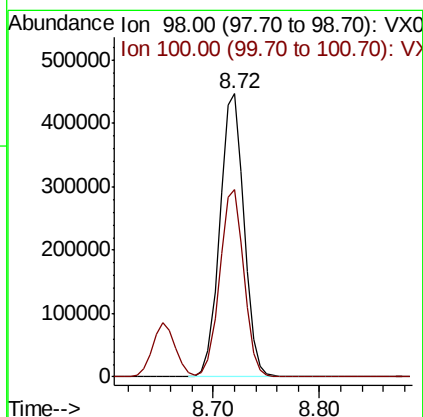
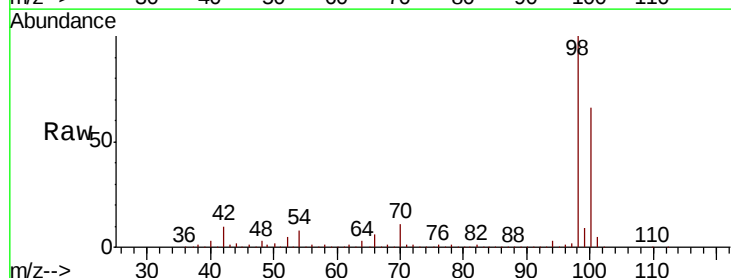
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS03

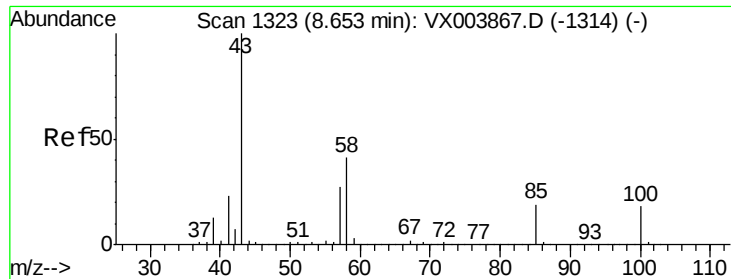
Tot Ion: 88 Resp: 41289
 Ion Ratio Lower Upper
 88 100
 43 32.1 23.8 35.8
 58 71.8 55.4 83.0



#50
 Toluene-d8
 Concen: 49.11 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

Tgt Ion: 98 Resp: 706577
 Ion Ratio Lower Upper
 98 100
 100 66.2 53.3 79.9





#51

4-Methyl-2-Pentanone

Concen: 101.16 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

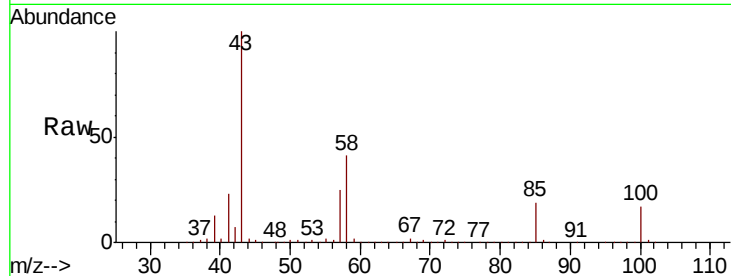
VX0807WBS03

Tot Ion: 43 Resp: 759160

Ion Ratio Lower Upper

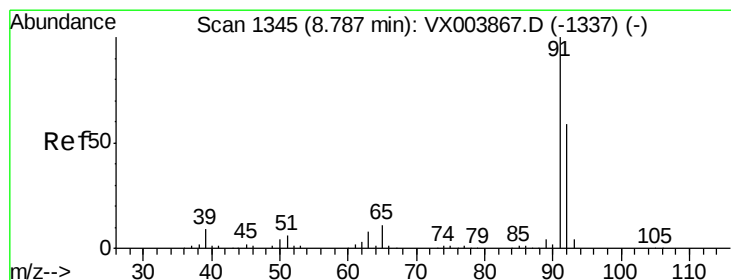
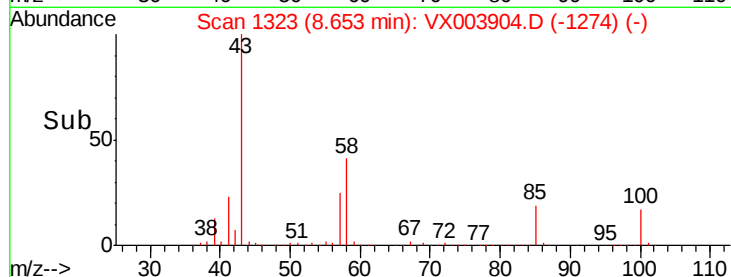
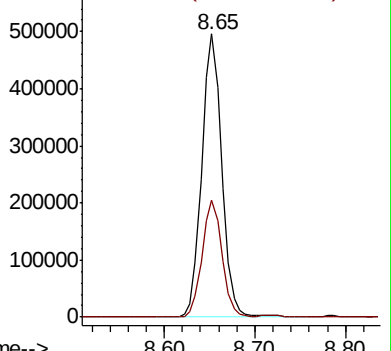
43 100

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: 19.87 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003904.D

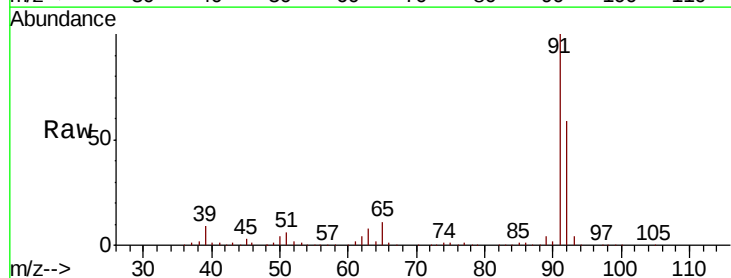
Acq: 08 Aug 2018 03:11

Tgt Ion: 92 Resp: 206216

Ion Ratio Lower Upper

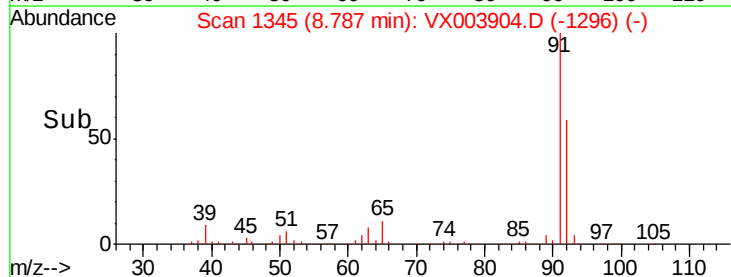
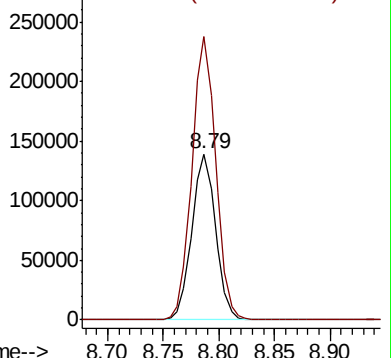
92 100

91 171.0 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

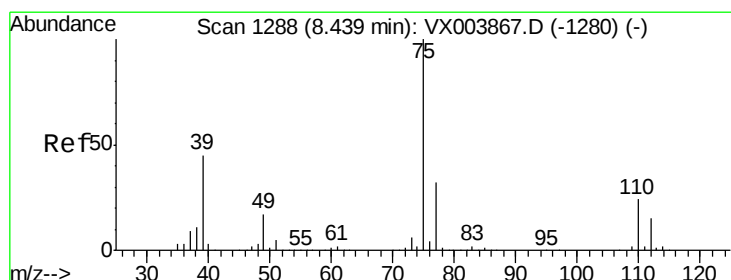
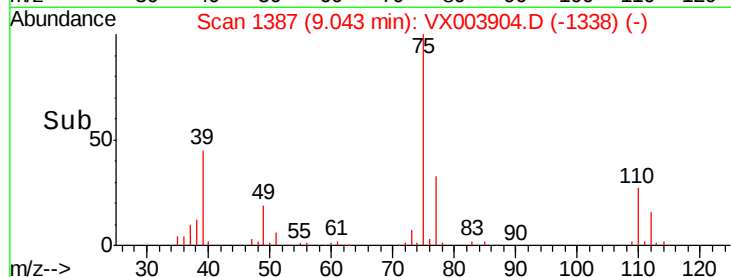
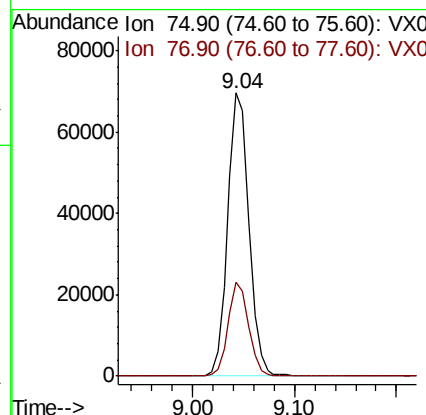
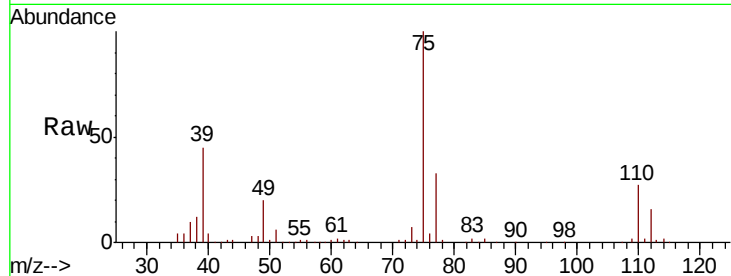




#53
 t-1,3-Dichloropropene
 Concen: 17.16 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

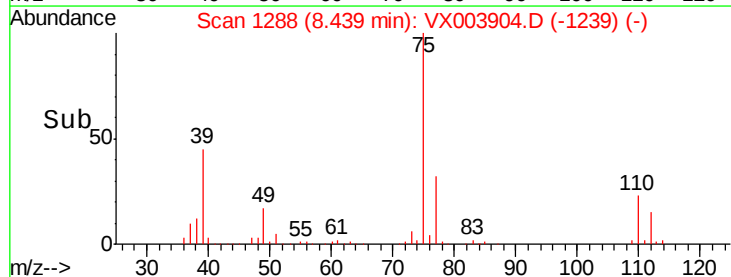
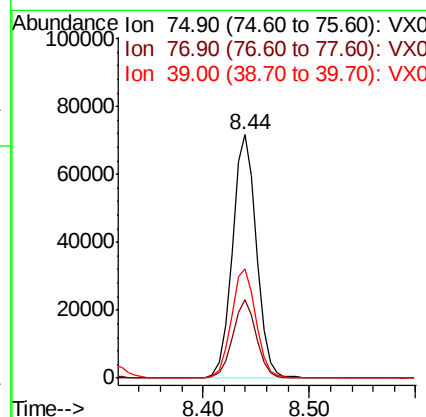
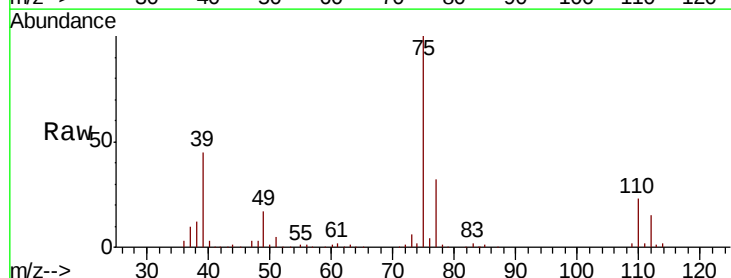
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS03

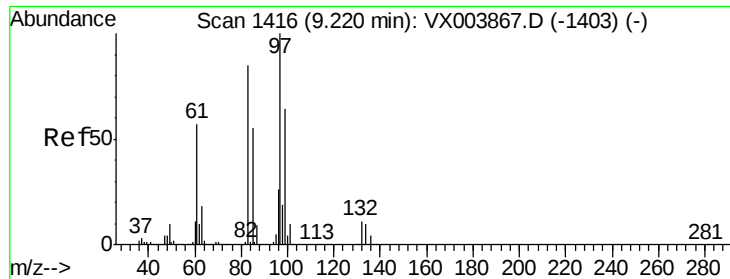
Tot Ion: 75 Resp: 100618
 Ion Ratio Lower Upper
 75 100
 77 33.0 25.1 37.7



#54
 cis-1,3-Dichloropropene
 Concen: 17.92 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

Tgt Ion: 75 Resp: 113310
 Ion Ratio Lower Upper
 75 100
 77 32.3 25.3 37.9
 39 44.7 36.2 54.2



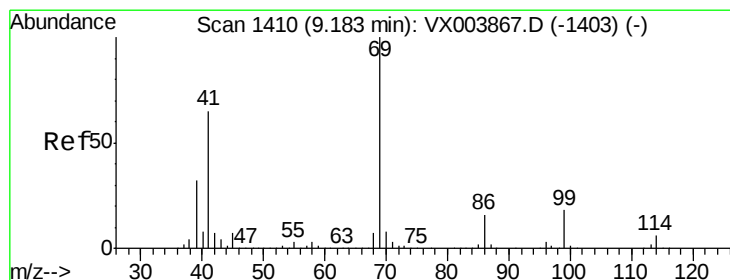
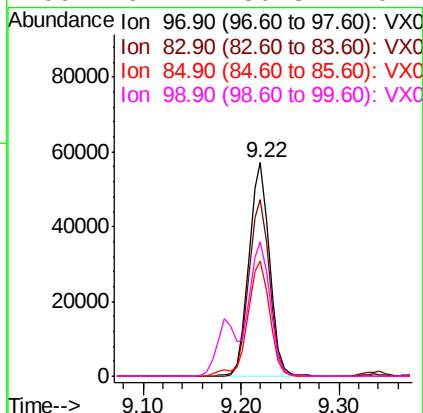
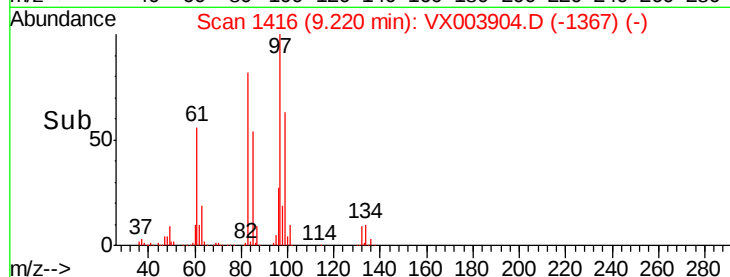
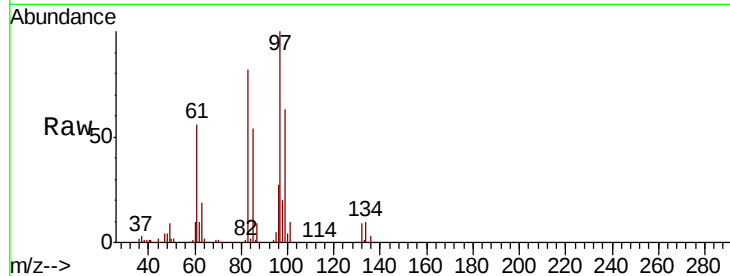


#55
 1,1,2-Trichloroethane
 Concen: 19.63 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS03

Tot Ion: 97 Resp: 83251

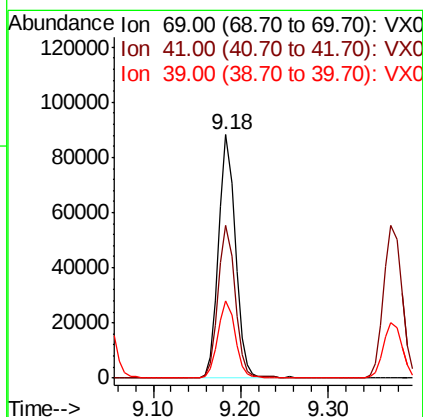
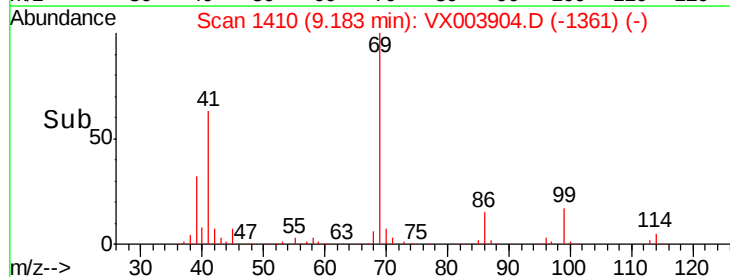
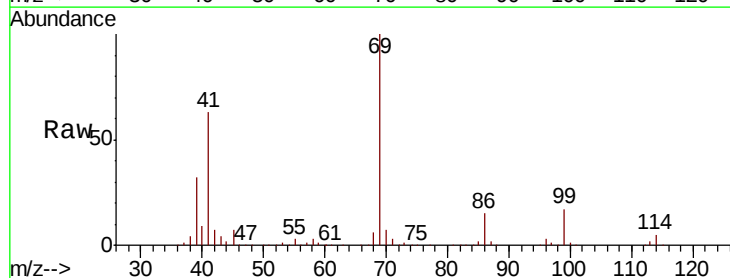
Ion	Ratio	Lower	Upper
97	100		
83	82.5	67.8	101.6
85	54.1	44.2	66.2
99	62.7	50.8	76.2

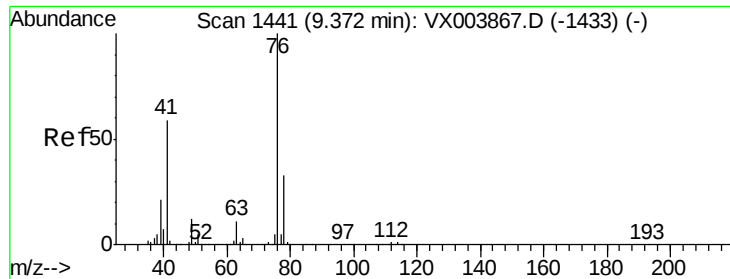


#56
 Ethyl methacrylate
 Concen: 19.19 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

Tgt Ion: 69 Resp: 118048

Ion	Ratio	Lower	Upper
69	100		
41	63.1	50.6	76.0
39	32.6	25.8	38.6





#57

1,3-Dichloropropane

Concen: 20.06 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampled :

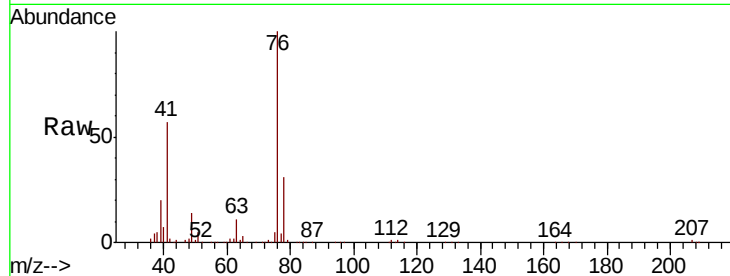
VX0807WBS03

Tot Ion: 76 Resp: 142368

Ion Ratio Lower Upper

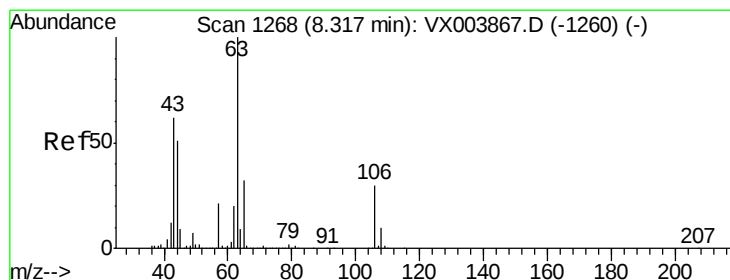
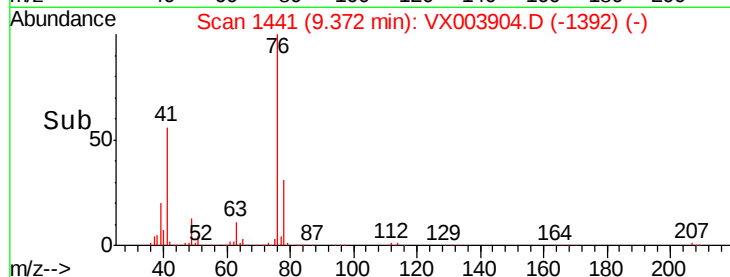
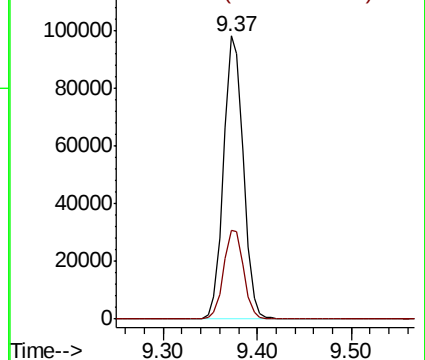
76 100

78 31.8 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: 102.38 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003904.D

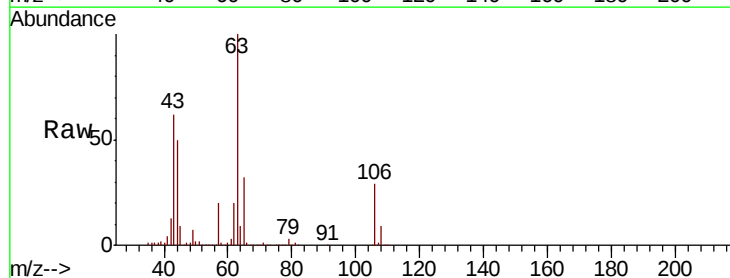
Acq: 08 Aug 2018 03:11

Tgt Ion: 63 Resp: 309741

Ion Ratio Lower Upper

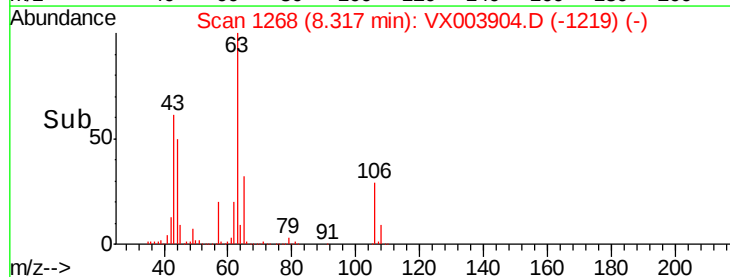
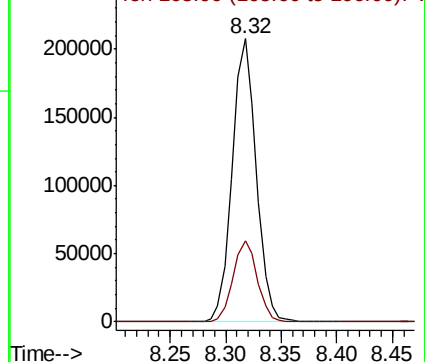
63 100

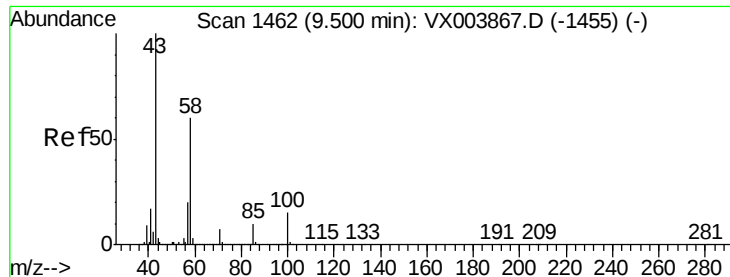
106 29.0 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

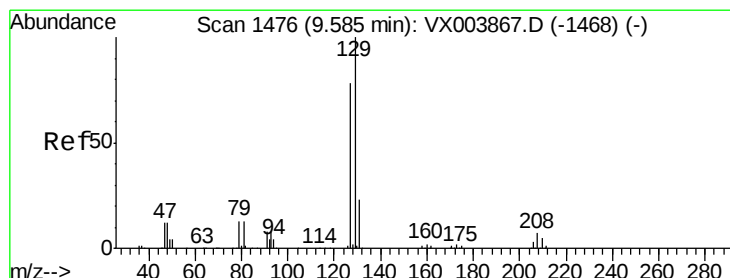
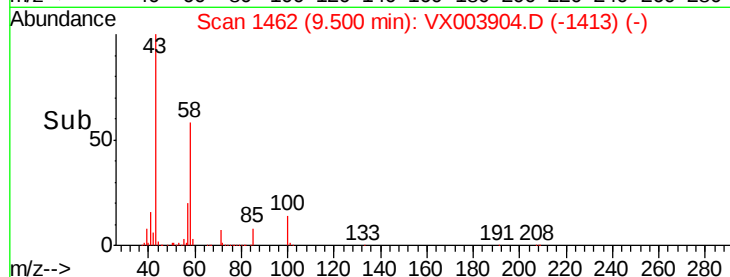
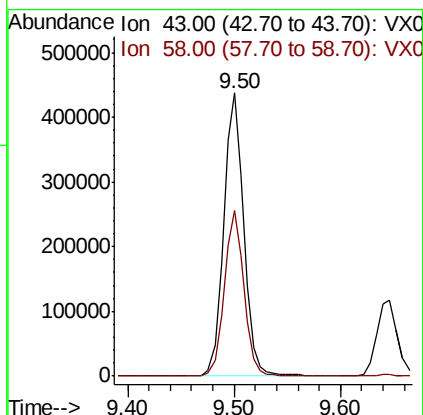
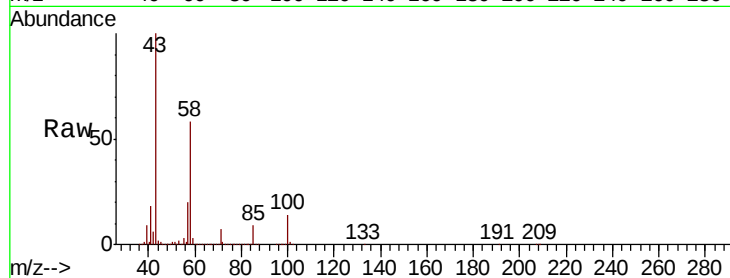




#59
2-Hexanone
Concen: 102.22 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003904.D
Acq: 08 Aug 2018 03:11

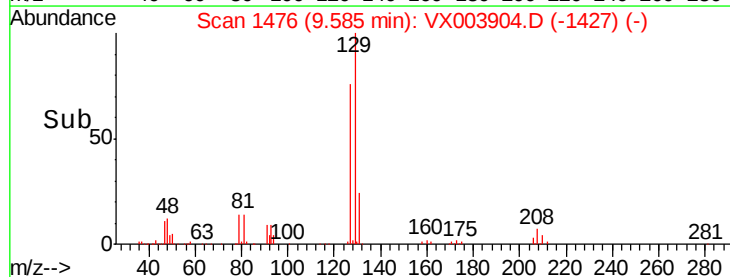
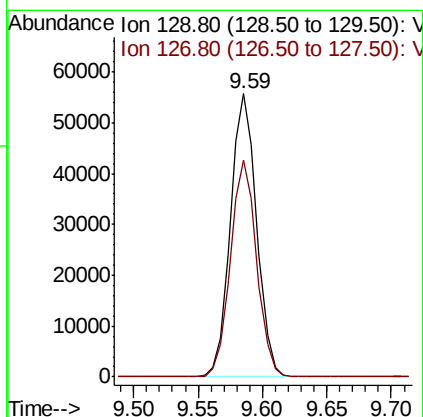
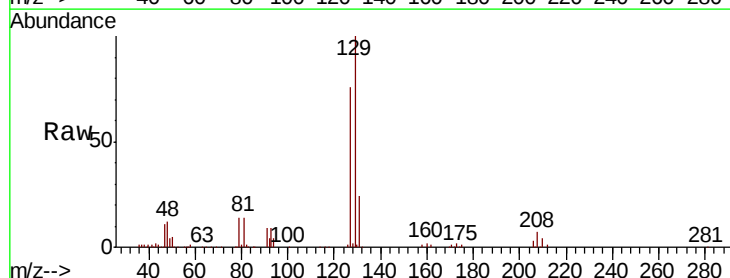
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS03

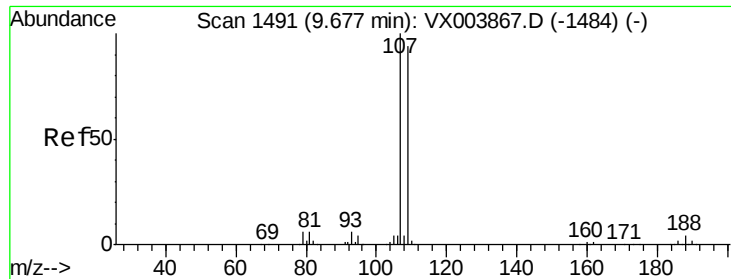
Tot Ion: 43 Resp: 573430
Ion Ratio Lower Upper
43 100
58 57.3 29.0 87.0



#60
Dibromochloromethane
Concen: 20.04 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003904.D
Acq: 08 Aug 2018 03:11

Tgt Ion: 129 Resp: 79230
Ion Ratio Lower Upper
129 100
127 76.3 38.8 116.3





#61

1,2-Dibromoethane

Concen: 20.31 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

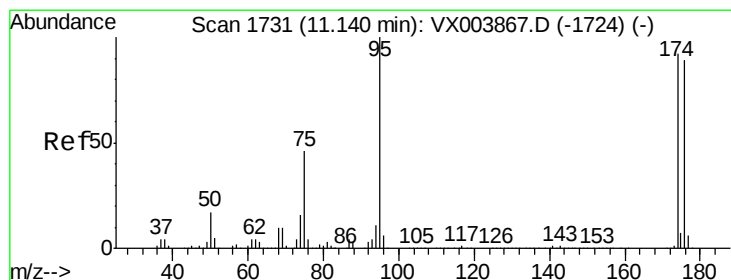
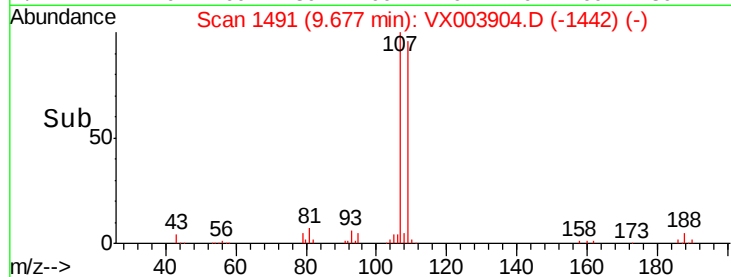
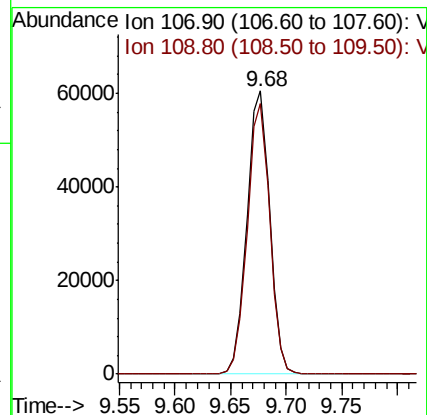
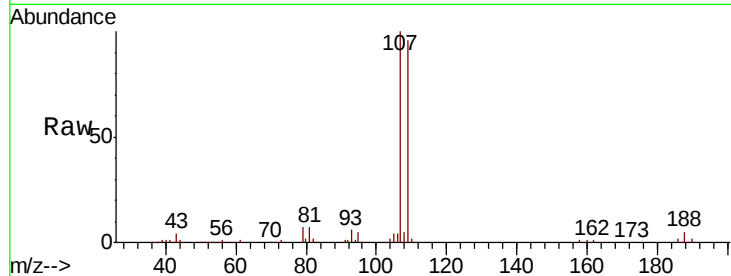
VX0807WBS03

Tot Ion:107 Resp: 86247

Ion Ratio Lower Upper

107 100

109 94.4 75.8 113.8



#62

4-Bromofluorobenzene

Concen: 54.68 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

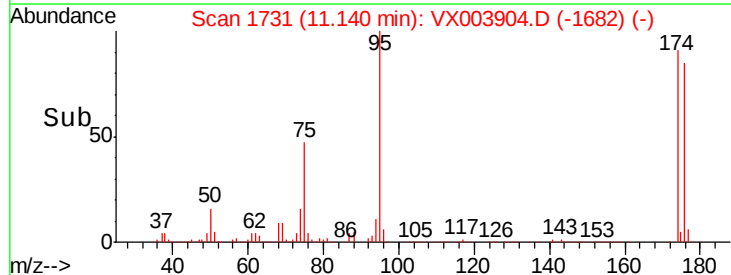
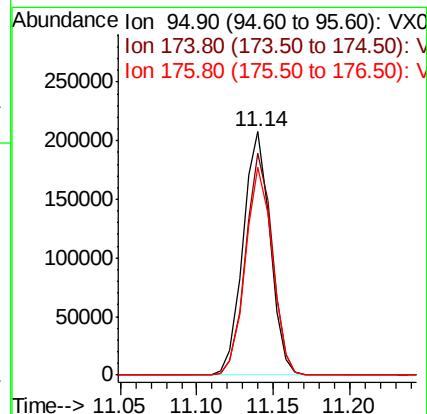
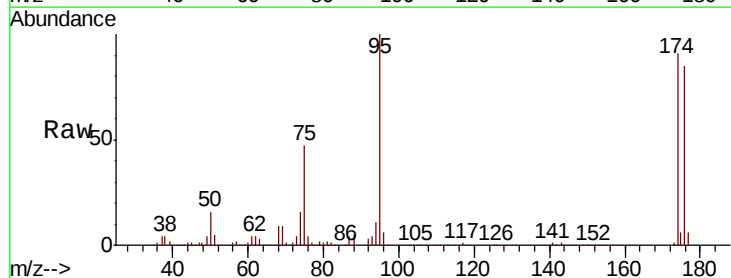
Tgt Ion: 95 Resp: 254543

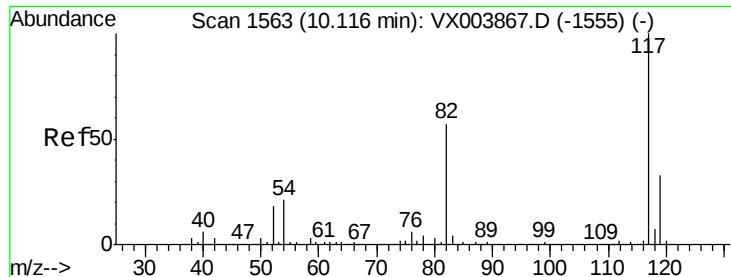
Ion Ratio Lower Upper

95 100

174 90.2 0.0 182.8

176 85.9 0.0 179.0

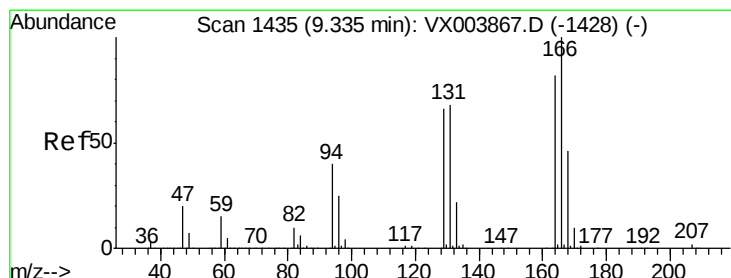
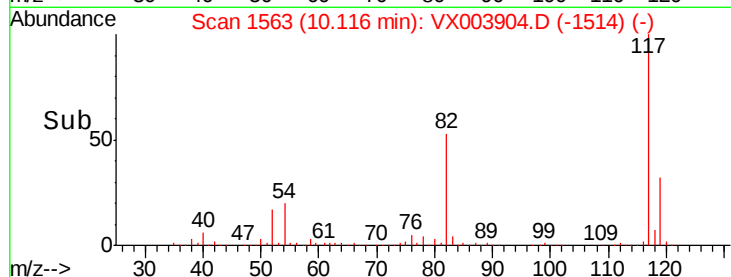
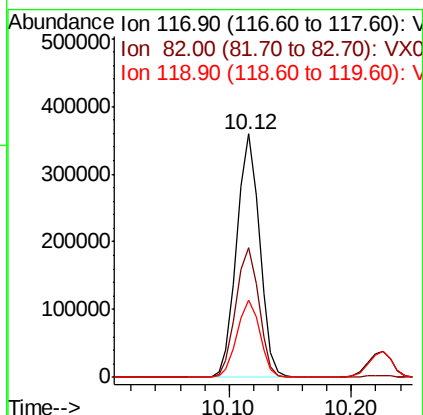
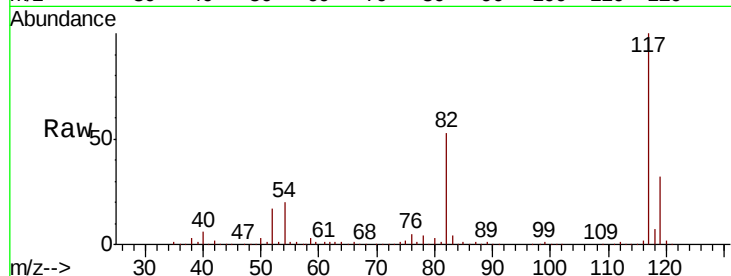




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003904.D
Acq: 08 Aug 2018 03:11

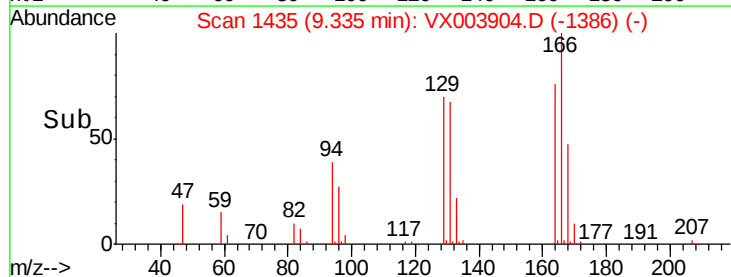
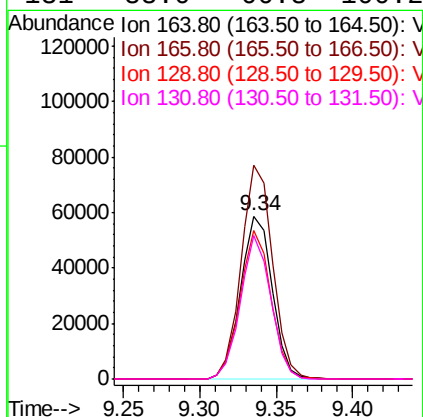
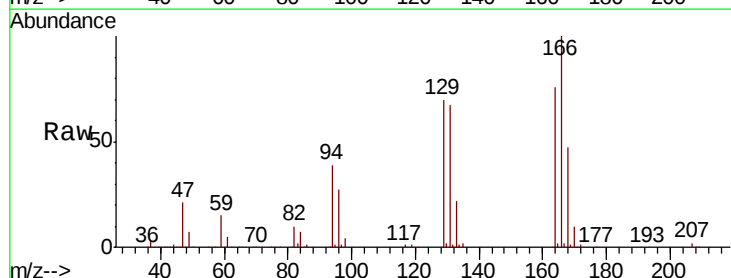
Instrument :
MSVOA_X
ClientSampleId :
VX0807WBS03

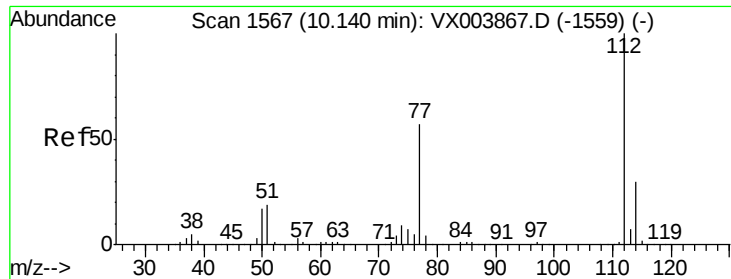
Tot Ion:117 Resp: 463633
Ion Ratio Lower Upper
117 100
82 53.1 45.4 68.0
119 31.9 26.6 40.0



#64
Tetrachloroethene
Concen: 18.58 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003904.D
Acq: 08 Aug 2018 03:11

Tgt Ion:164 Resp: 84740
Ion Ratio Lower Upper
164 100
166 131.2 98.0 147.0
129 91.4 64.3 96.5
131 88.0 66.8 100.2





#65

Chlorobenzene

Concen: 18.98 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

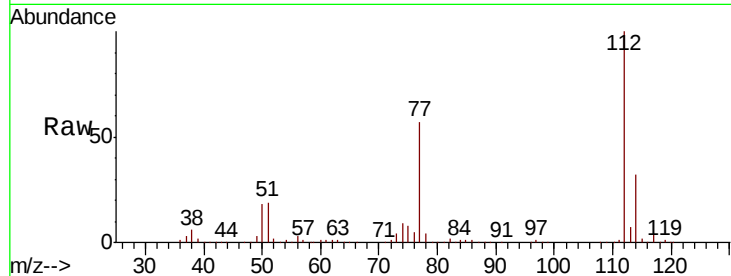
VX0807WBS03

Tot Ion:112 Resp: 228920

Ion Ratio Lower Upper

112 100

114 31.7 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

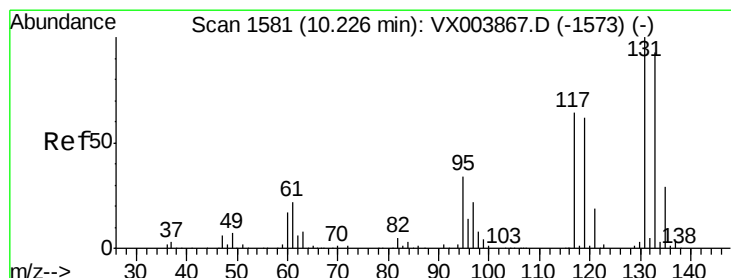
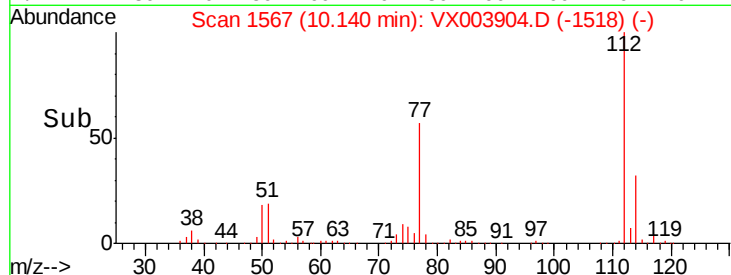
100000

50000

0

10.10 10.14 10.20

Time-->



#66

1,1,1,2-Tetrachloroethane

Concen: 19.04 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

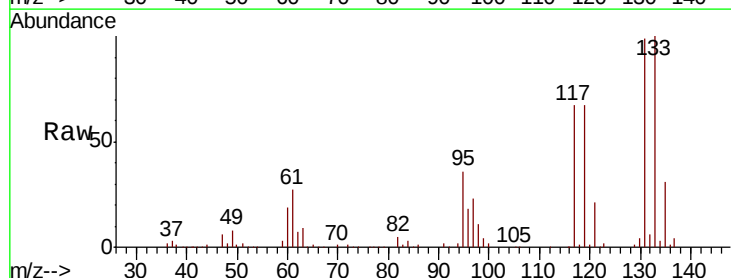
Tgt Ion:131 Resp: 78951

Ion Ratio Lower Upper

131 100

133 96.3 47.3 141.8

119 64.8 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

60000

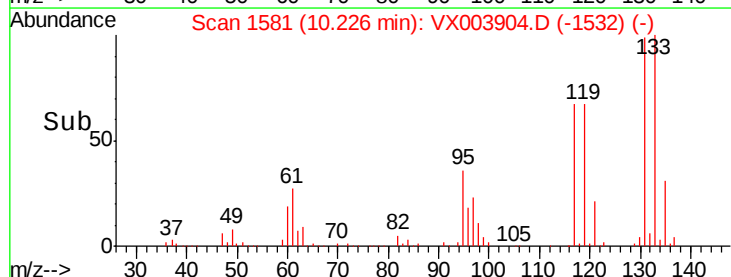
40000

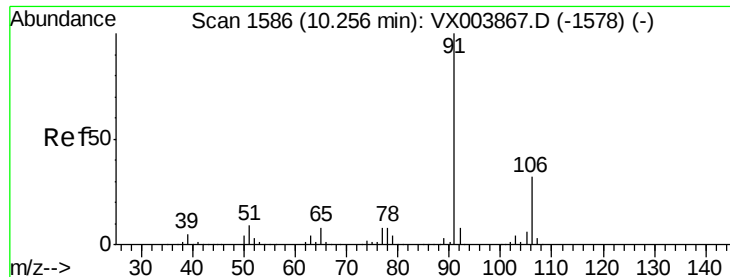
20000

0

10.15 10.20 10.23 10.30

Time-->





#67

Ethyl Benzene

Concen: 19.14 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampled :

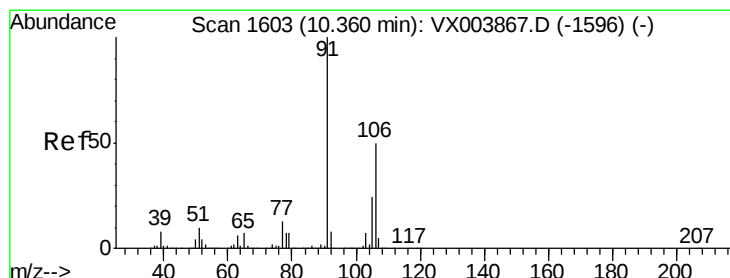
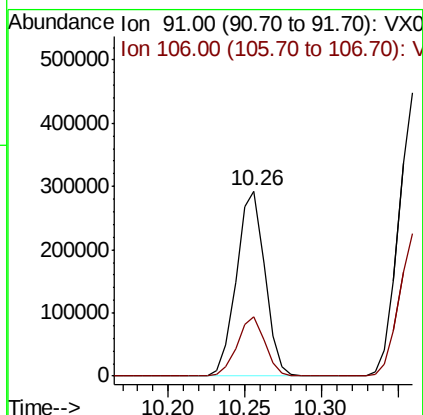
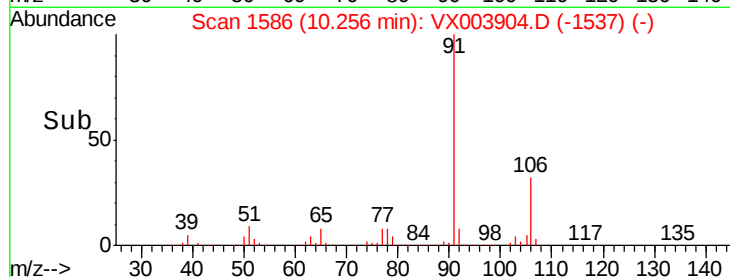
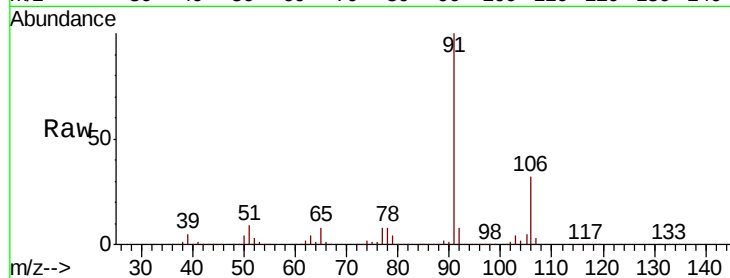
VX0807WBS03

Tot Ion: 91 Resp: 377901

Ion Ratio Lower Upper

91 100

106 31.8 25.9 38.9



#68

m/p-Xylenes

Concen: 38.84 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003904.D

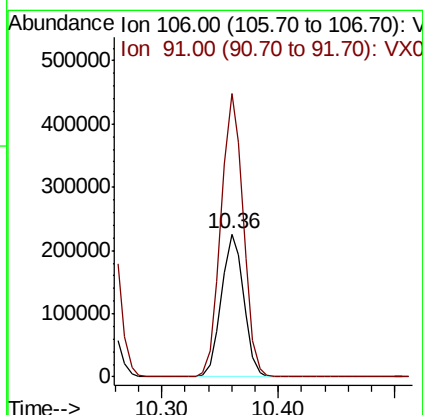
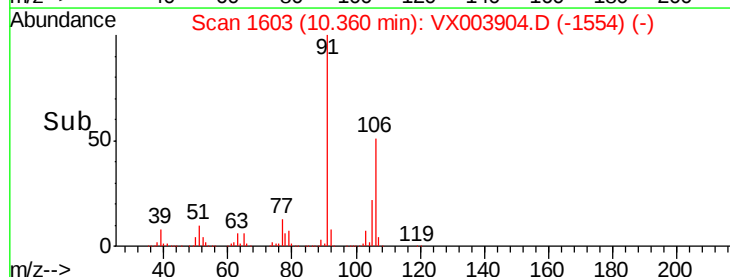
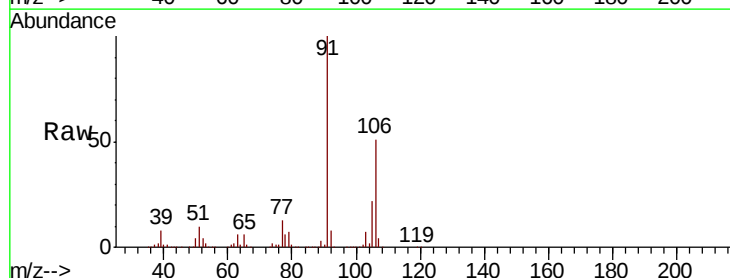
Acq: 08 Aug 2018 03:11

Tgt Ion: 106 Resp: 299673

Ion Ratio Lower Upper

106 100

91 197.9 162.3 243.5

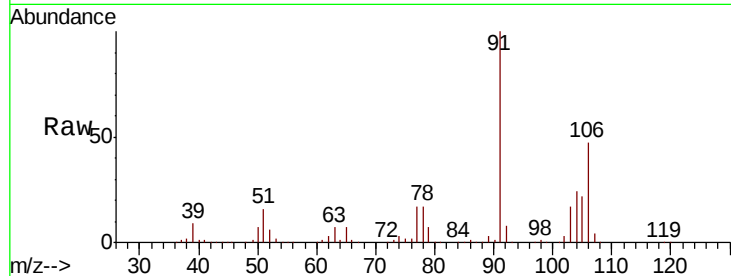




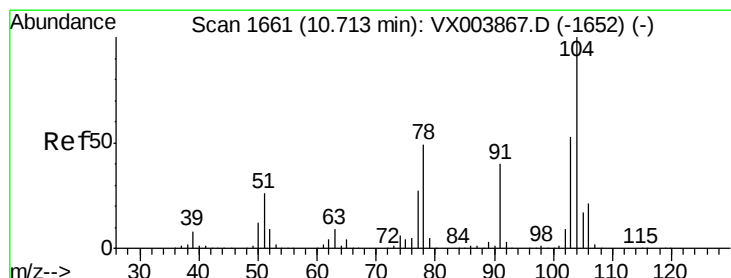
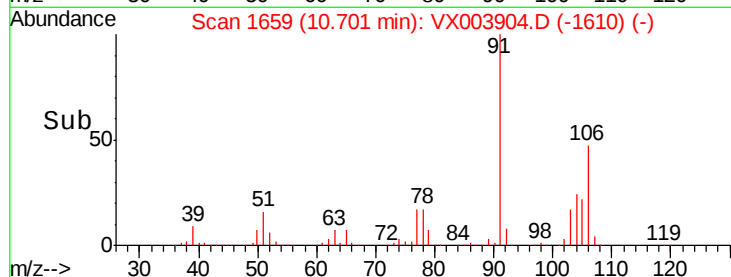
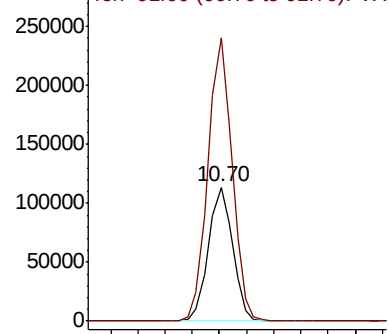
#69
o-Xylene
Concen: 19.57 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003904.D
Acq: 08 Aug 2018 03:11

Instrument :
MSVOA_X
ClientSampled :
VX0807WBS03

Tot Ion:106 Resp: 142527
Ion Ratio Lower Upper
106 100
91 209.5 101.9 305.7

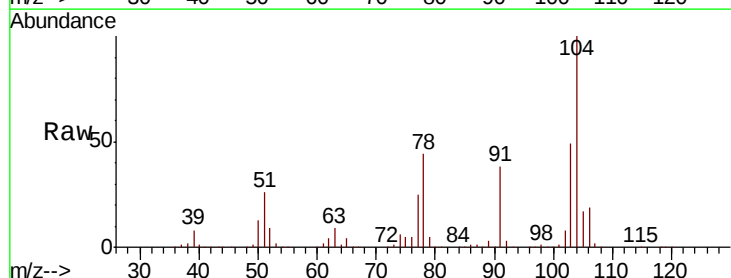


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

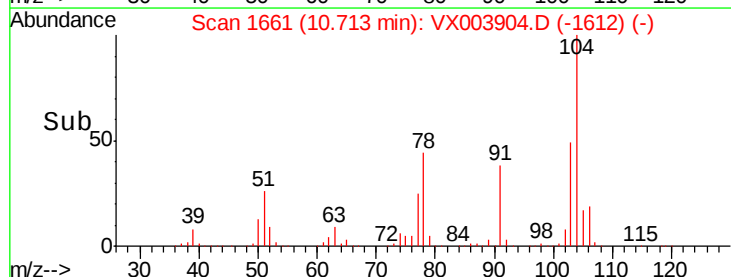
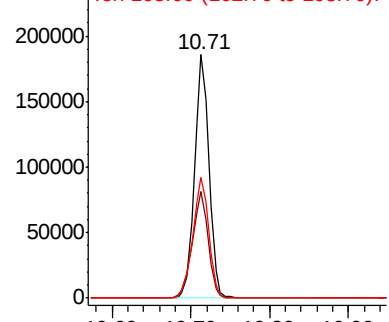


#70
Styrene
Concen: 20.01 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003904.D
Acq: 08 Aug 2018 03:11

Tgt Ion:104 Resp: 238584
Ion Ratio Lower Upper
104 100
78 47.9 39.8 59.6
103 54.2 44.3 66.5



Abundance Ion 104.00 (103.70 to 104.70): V
Ion 78.00 (77.70 to 78.70): VX0
Ion 103.00 (102.70 to 103.70): V





#71

Bromoform

Concen: 18.75 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS03

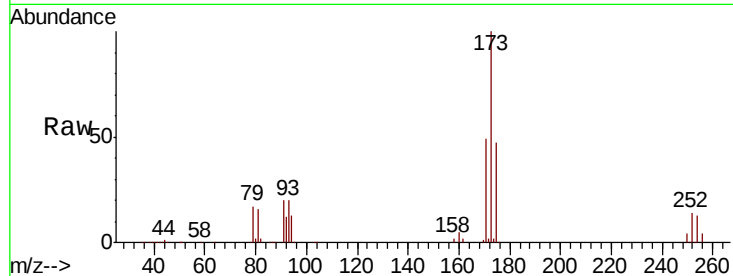
Tot Ion:173 Resp: 59147

Ion Ratio Lower Upper

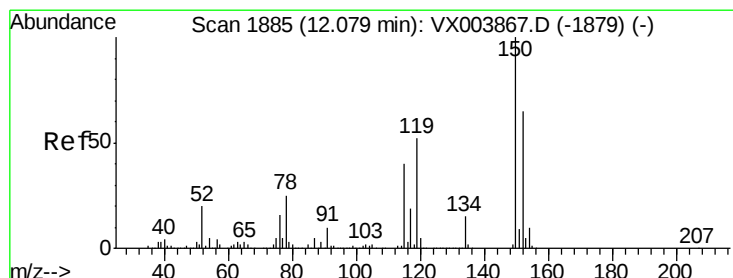
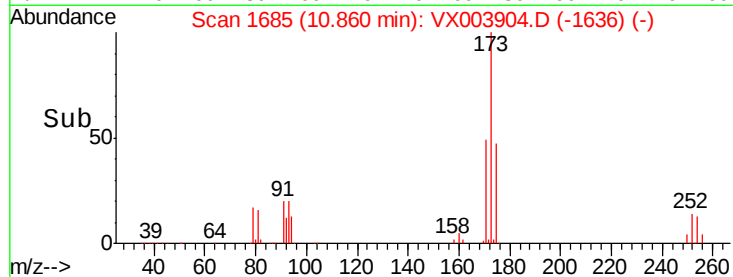
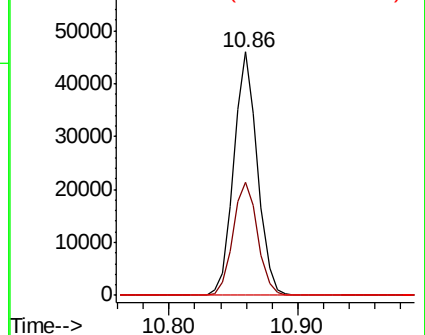
173 100

175 48.4 24.9 74.7

254 0.0 0.2 0.2#



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

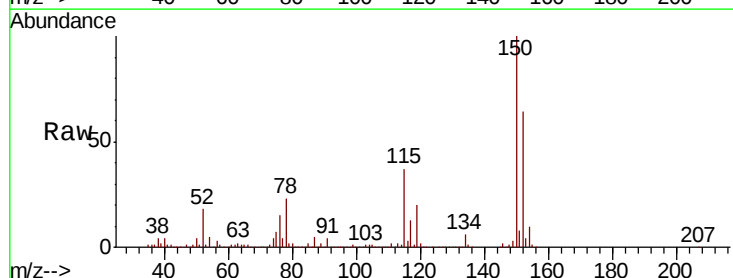
Tgt Ion:152 Resp: 262268

Ion Ratio Lower Upper

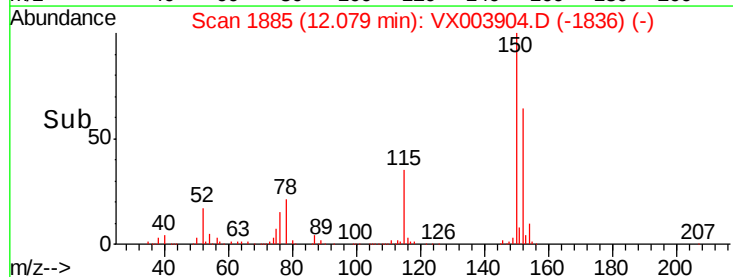
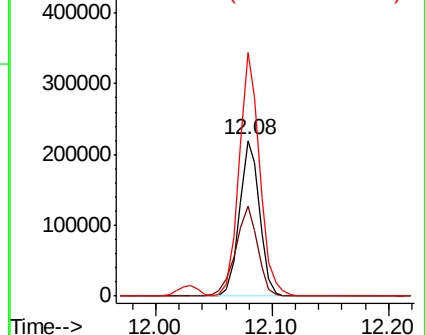
152 100

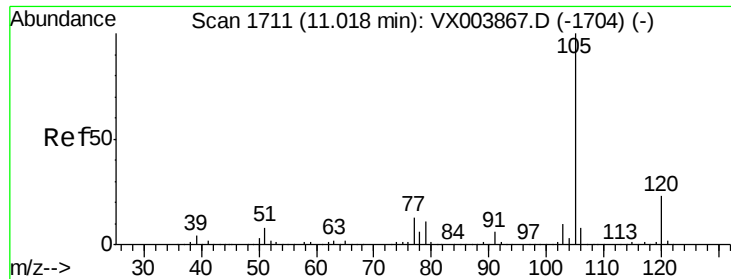
115 63.7 39.1 117.3

150 161.6 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: 19.66 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

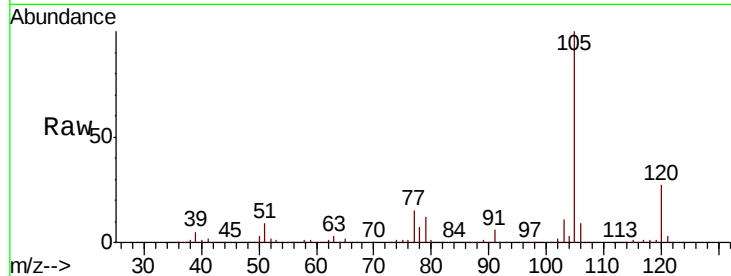
VX0807WBS03

Tot Ion:105 Resp: 381337

Ion Ratio Lower Upper

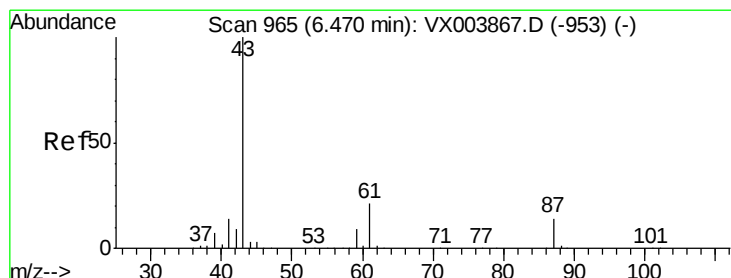
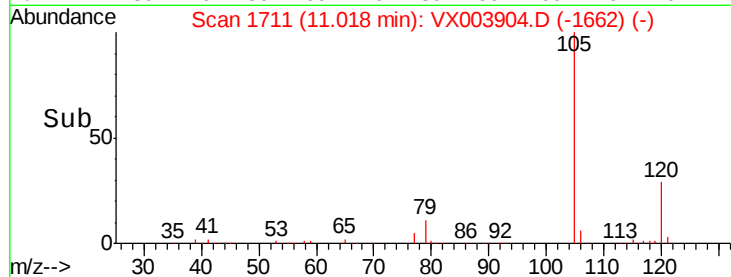
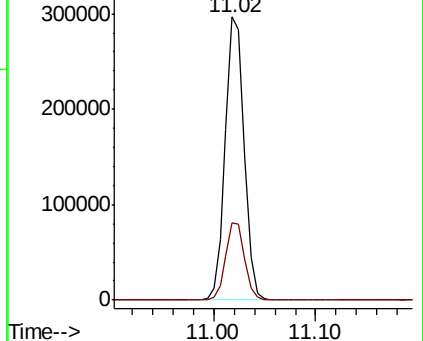
105 100

120 27.3 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: 17.36 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Tgt Ion: 43 Resp: 175177

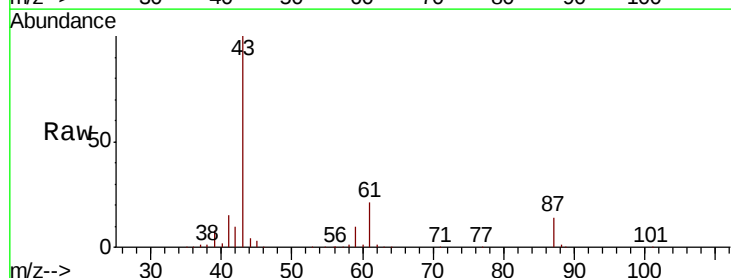
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.1 0.1#

61 20.6 16.9 25.3

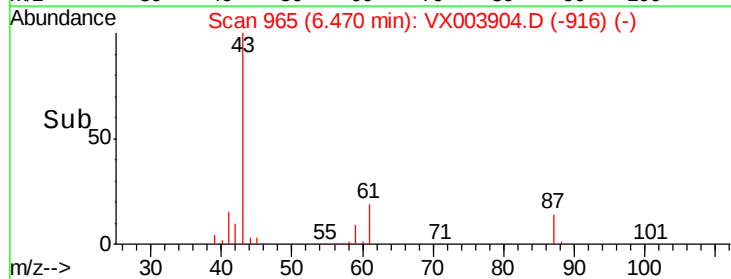
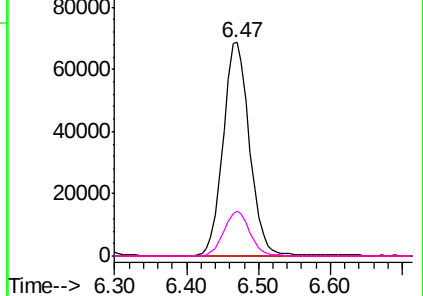


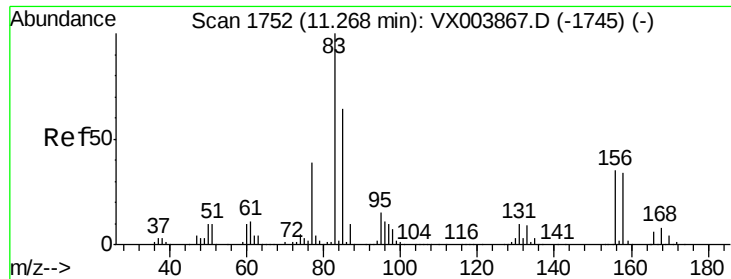
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 19.55 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS03

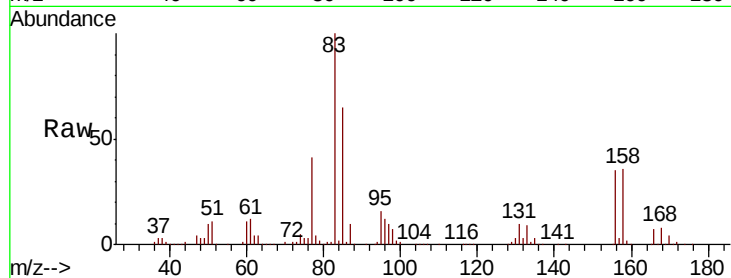
Tot Ion: 83 Resp: 129984

Ion Ratio Lower Upper

83 100

131 10.4 5.2 15.6

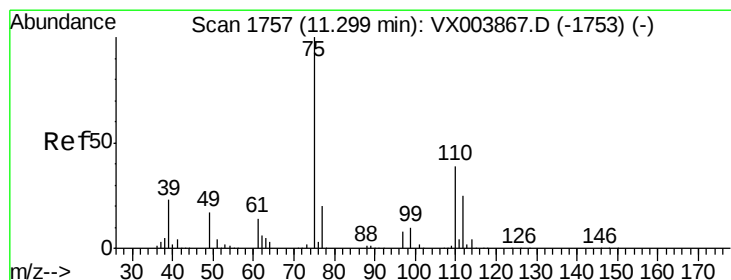
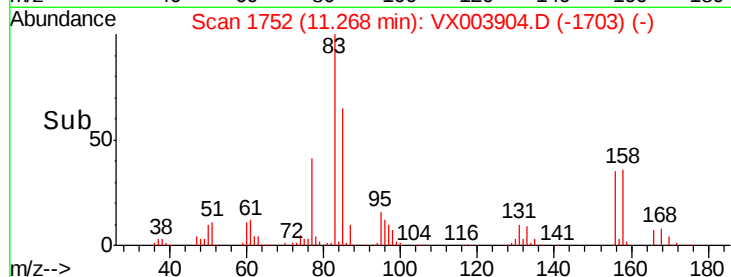
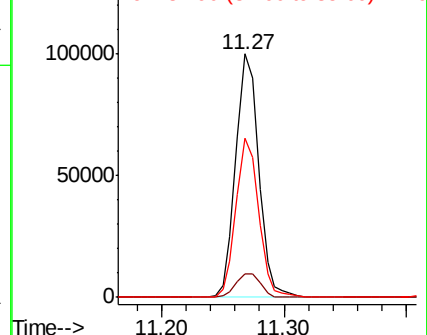
85 64.6 32.2 96.6



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: 23.71 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003904.D

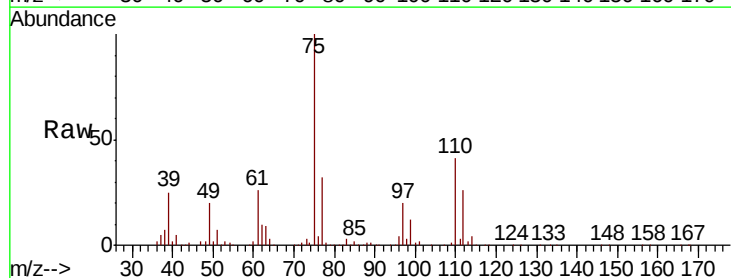
Acq: 08 Aug 2018 03:11

Tgt Ion: 75 Resp: 137357

Ion Ratio Lower Upper

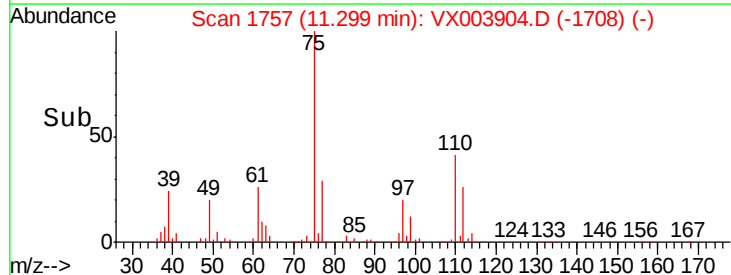
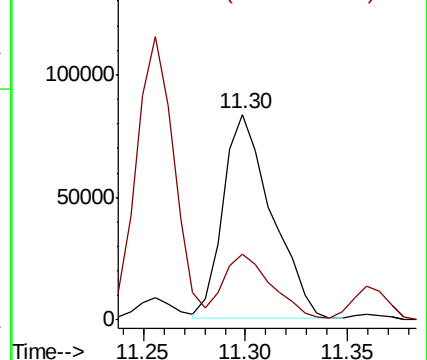
75 100

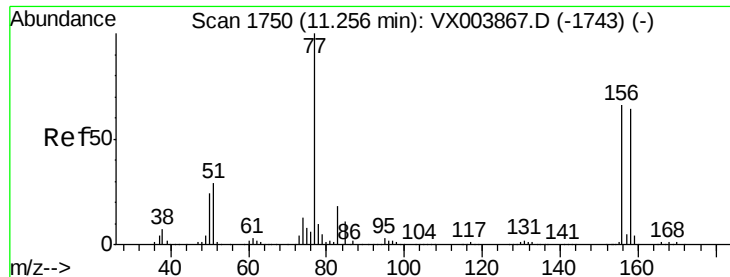
77 32.0 20.8 62.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.41 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS03

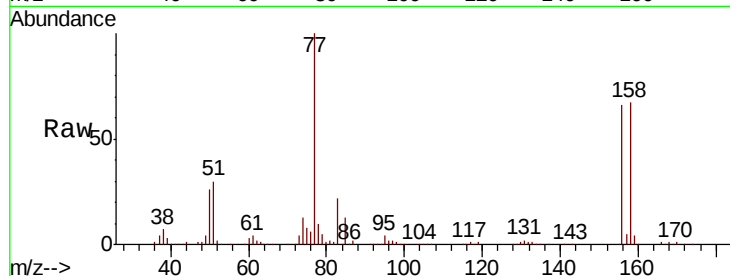
Tot Ion:156 Resp: 100475

Ion Ratio Lower Upper

156 100

77 148.2 74.1 222.2

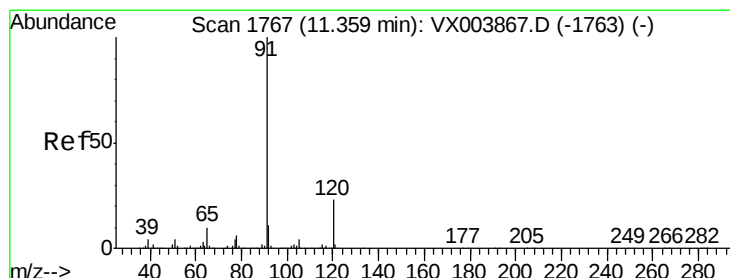
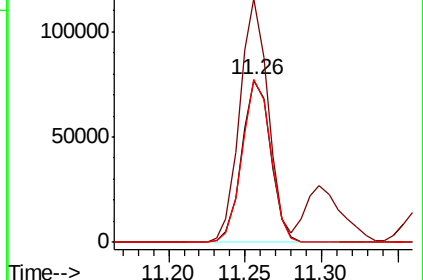
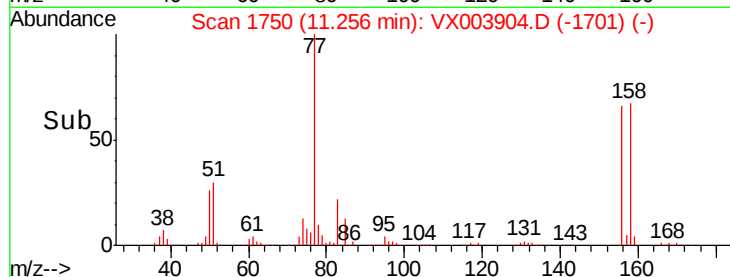
158 99.3 48.6 145.9



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: 19.78 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003904.D

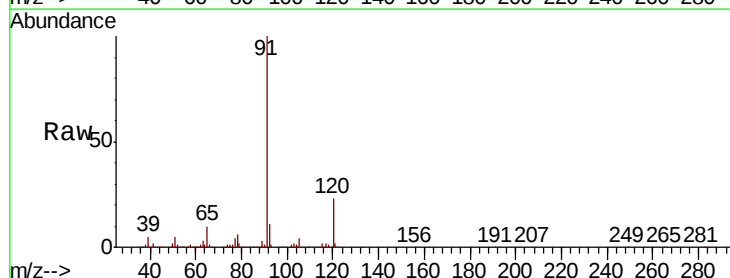
Acq: 08 Aug 2018 03:11

Tgt Ion: 91 Resp: 431005

Ion Ratio Lower Upper

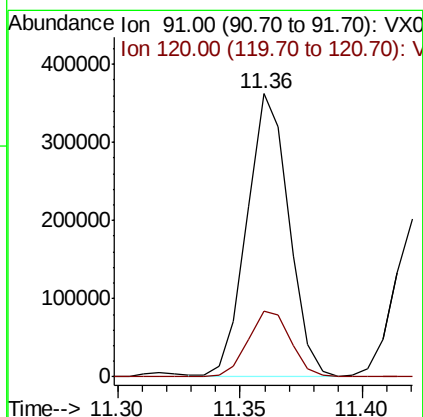
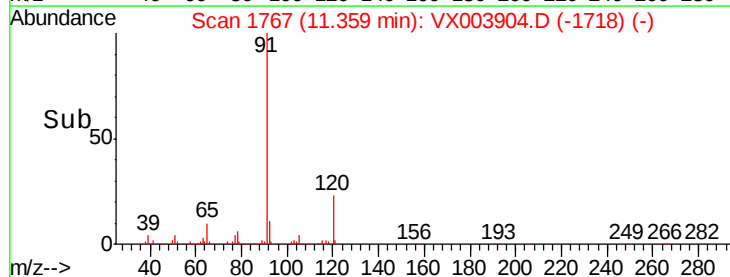
91 100

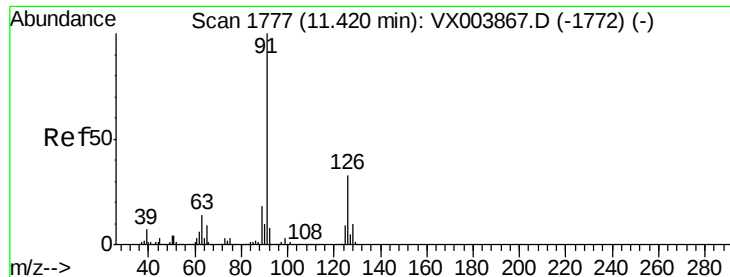
120 23.9 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

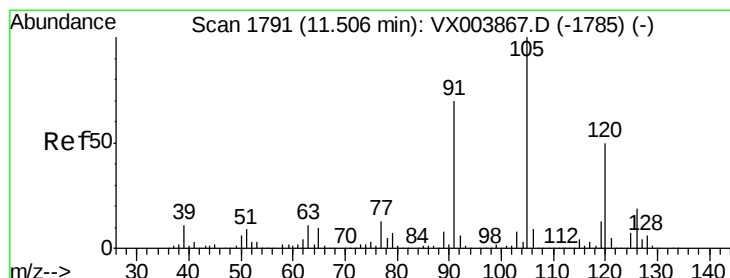
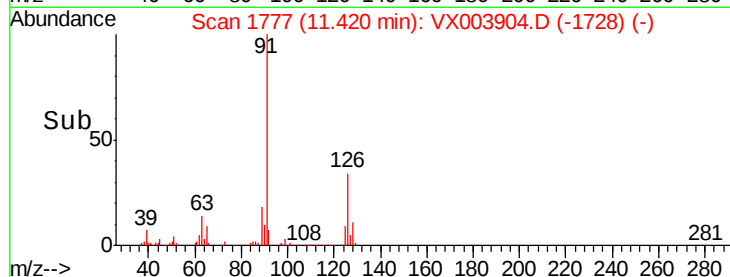
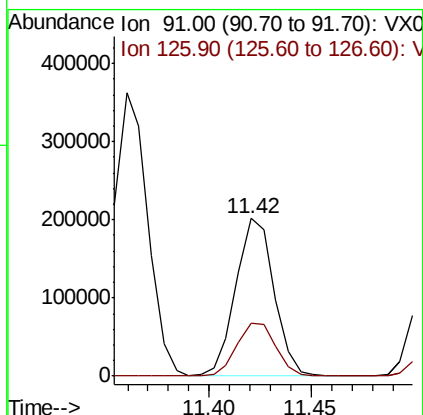
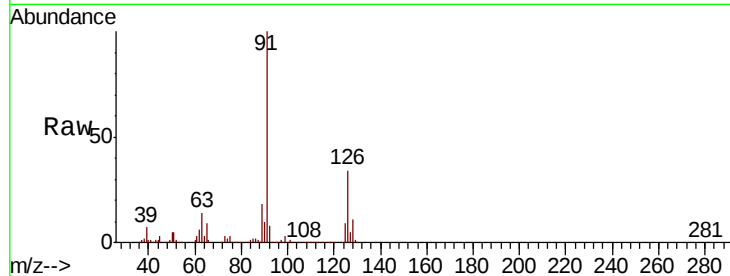




#79
 2-Chlorotoluene
 Concen: 19.63 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

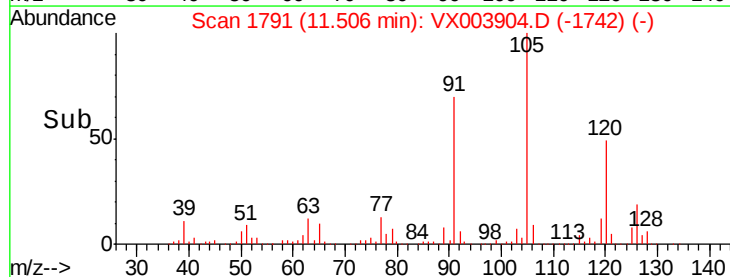
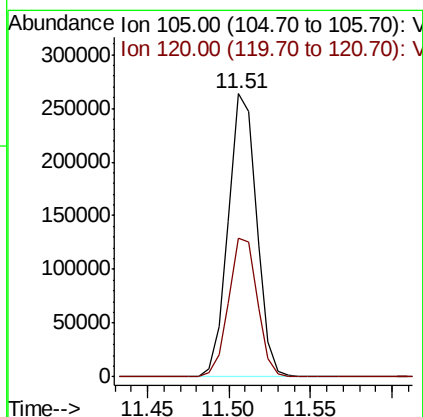
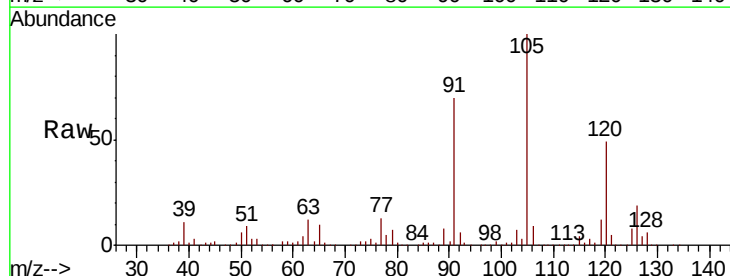
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS03

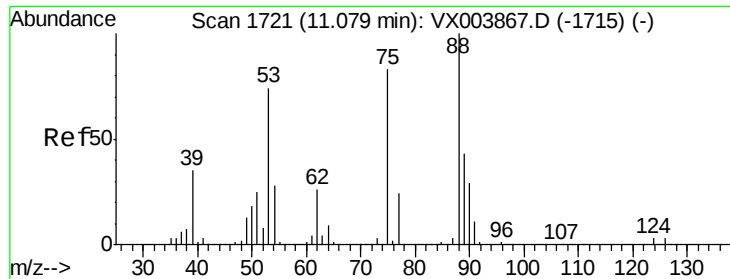
Tot Ion: 91 Resp: 260800
 Ion Ratio Lower Upper
 91 100
 126 35.0 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 20.17 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

Tgt Ion: 105 Resp: 319057
 Ion Ratio Lower Upper
 105 100
 120 49.9 25.4 76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 15.40 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS03

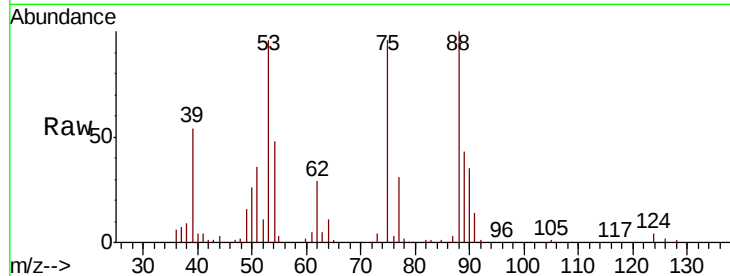
Tot Ion: 75 Resp: 29381

Ion Ratio Lower Upper

75 100

53 106.0 80.3 120.5

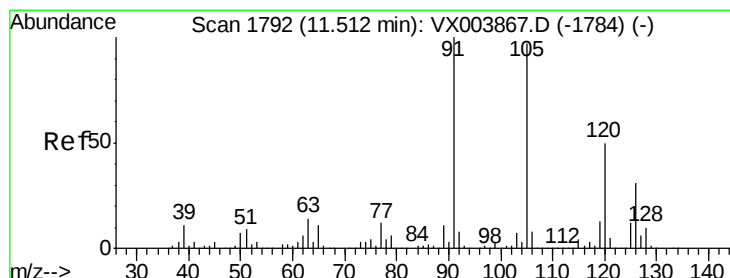
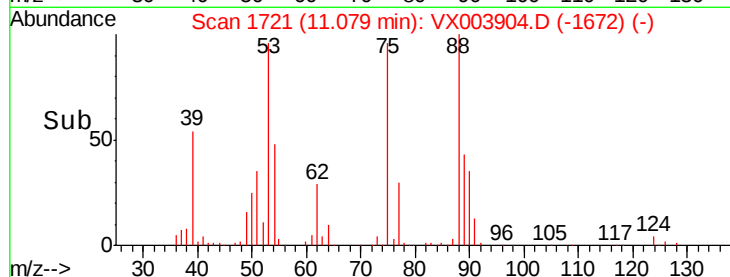
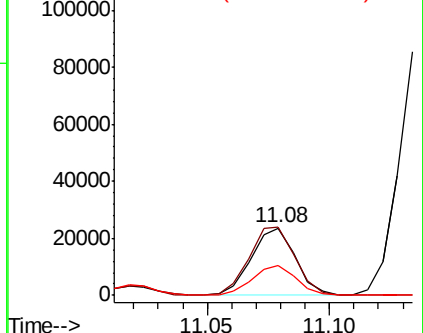
89 45.2 37.8 56.8



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.54 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003904.D

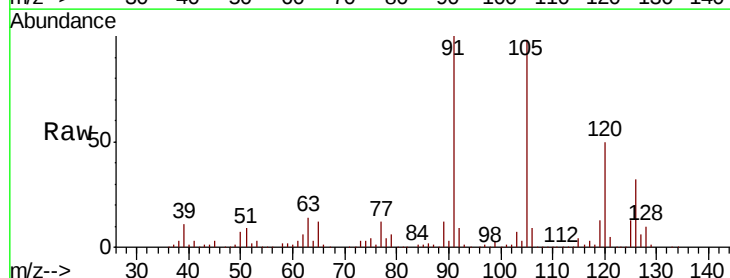
Acq: 08 Aug 2018 03:11

Tgt Ion: 91 Resp: 304158

Ion Ratio Lower Upper

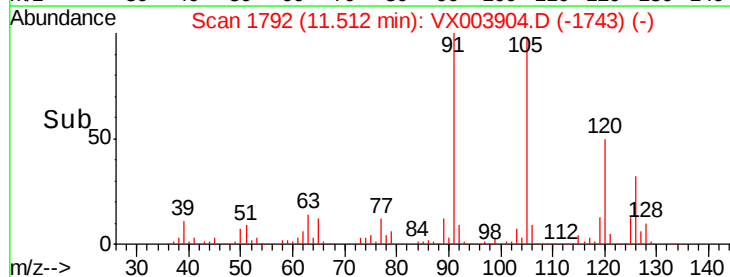
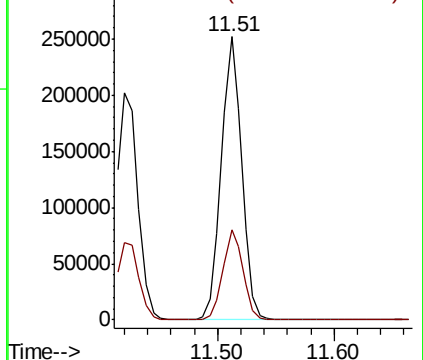
91 100

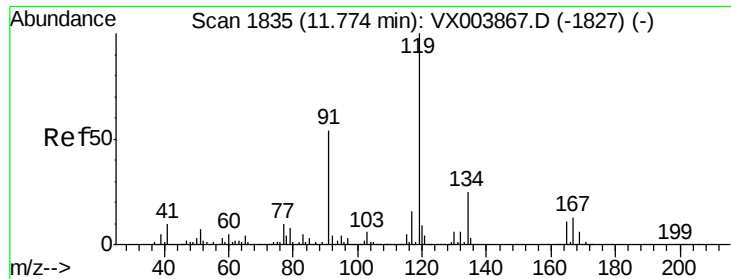
126 31.5 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

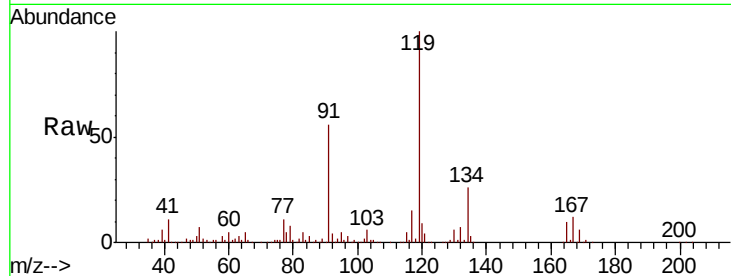




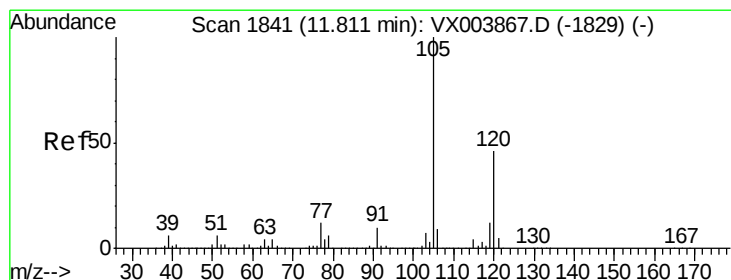
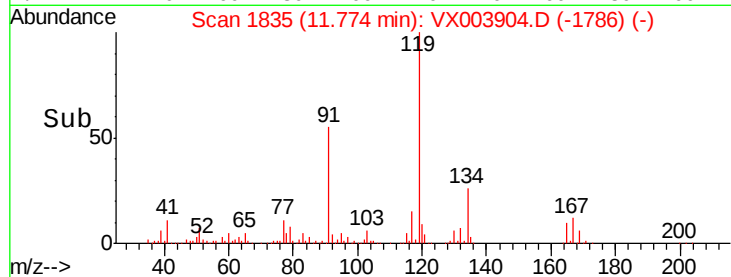
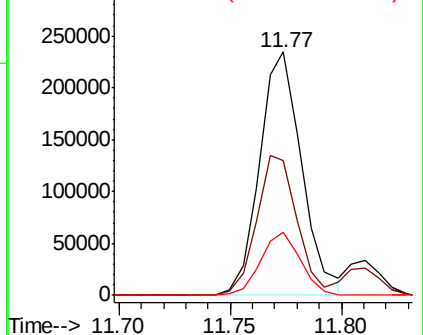
#83
 tert-Butylbenzene
 Concen: 19.84 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS03

Tot Ion:119 Resp: 308781
 Ion Ratio Lower Upper
 119 100
 91 54.9 26.9 80.7
 134 24.7 12.0 36.0

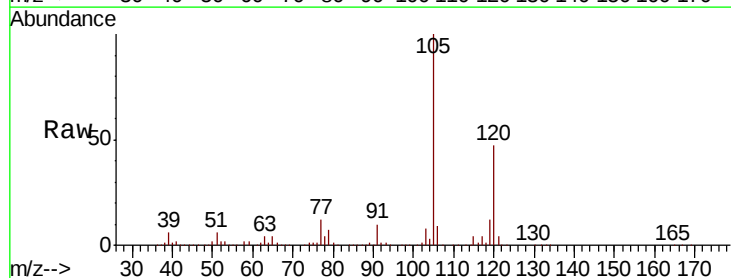


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

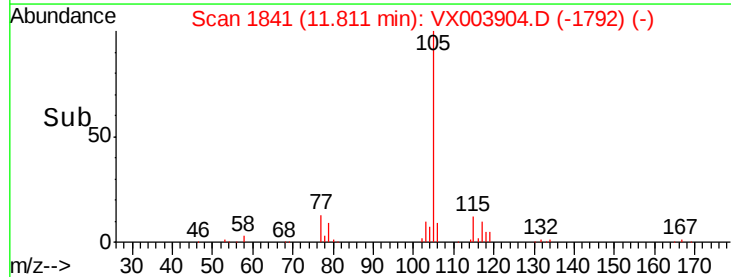
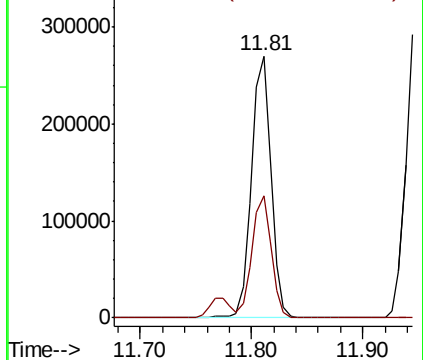


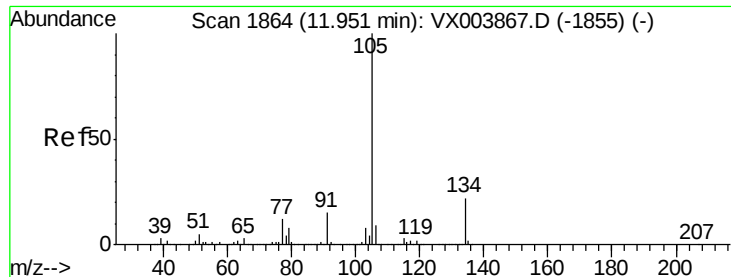
#84
 1,2,4-Trimethylbenzene
 Concen: 20.74 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

Tgt Ion:105 Resp: 329916
 Ion Ratio Lower Upper
 105 100
 120 46.1 23.1 69.2



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 20.01 ug/l

RT: 11.94 min Scan# 1863

Delta R.T. -0.01 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

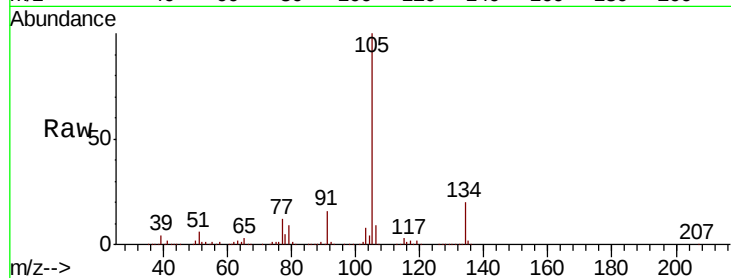
VX0807WBS03

Tot Ion:105 Resp: 367608

Ion Ratio Lower Upper

105 100

134 21.2 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

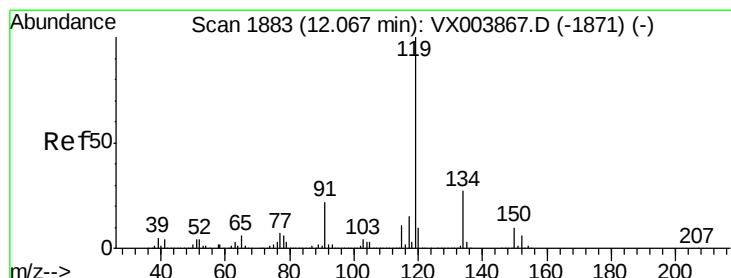
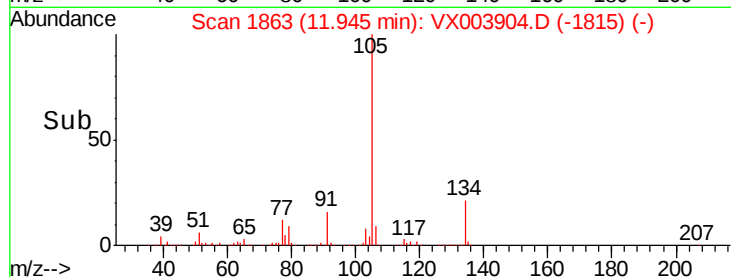
200000

100000

0

Time-->

11.90 12.00



#86

p-Isopropyltoluene

Concen: 19.60 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

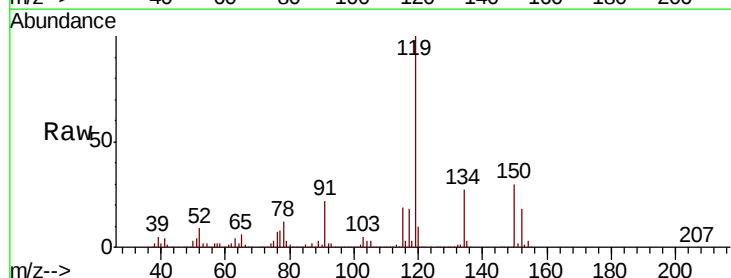
Tgt Ion:119 Resp: 323087

Ion Ratio Lower Upper

119 100

134 26.9 13.3 39.8

91 22.5 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

12.07

300000

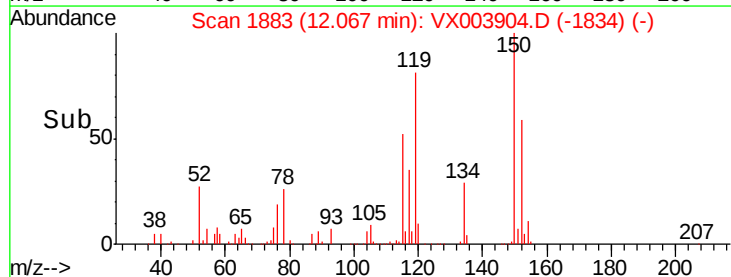
200000

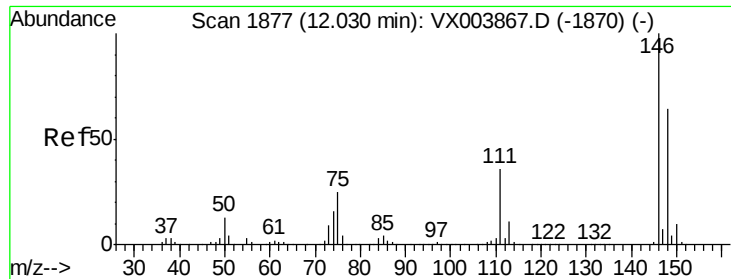
100000

0

Time-->

12.00 12.10 12.20





#87

1,3-Dichlorobenzene

Concen: 19.14 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS03

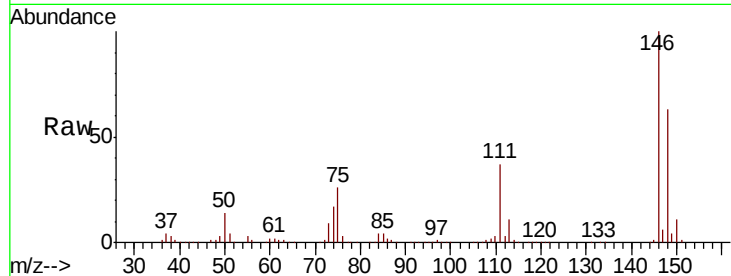
Tot Ion:146 Resp: 183129

Ion Ratio Lower Upper

146 100

111 37.1 18.8 56.4

148 61.6 31.9 95.5

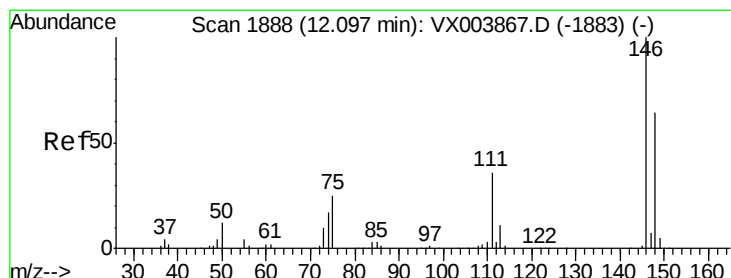
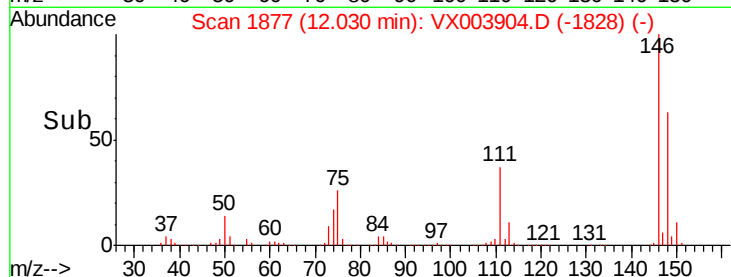
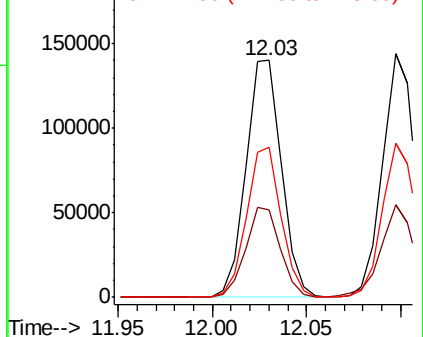


Abundance

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



#88

1,4-Dichlorobenzene

Concen: 18.91 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

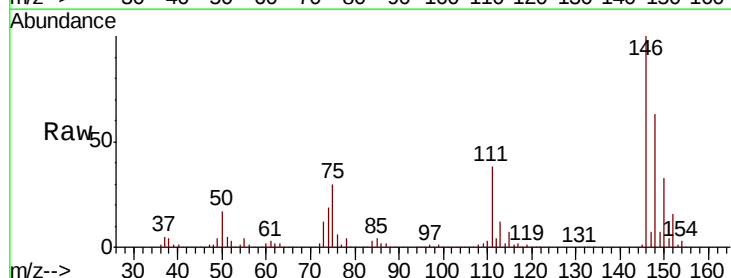
Tgt Ion:146 Resp: 174996

Ion Ratio Lower Upper

146 100

111 38.6 18.4 55.0

148 65.3 32.3 96.8

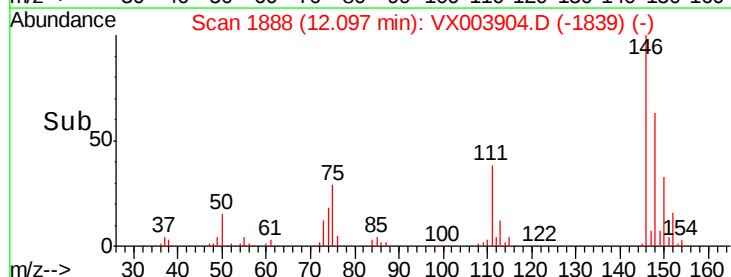
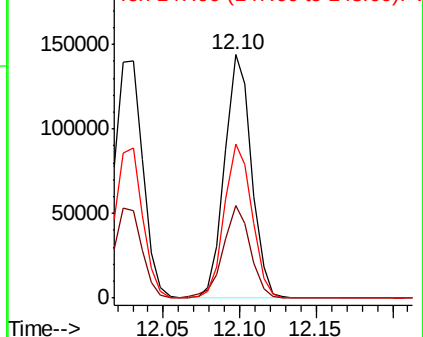


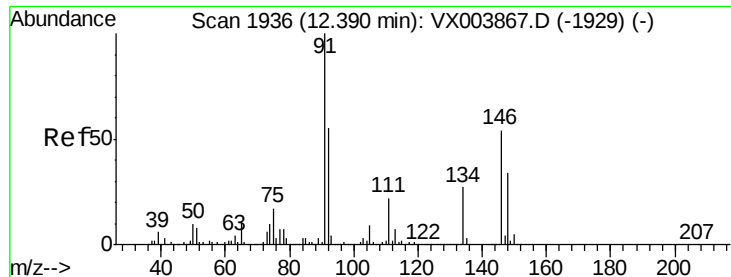
Abundance

Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V

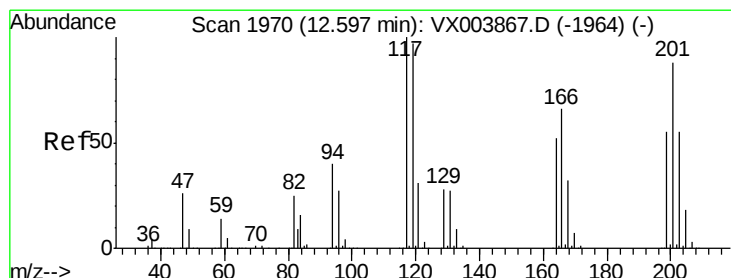
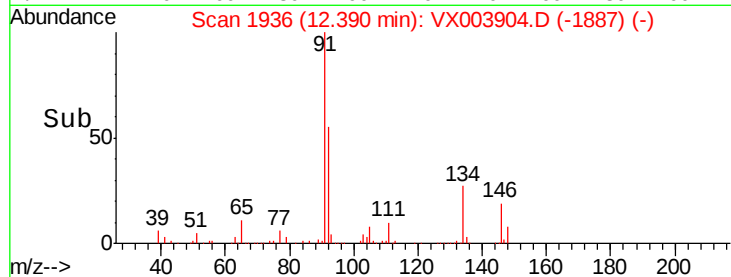
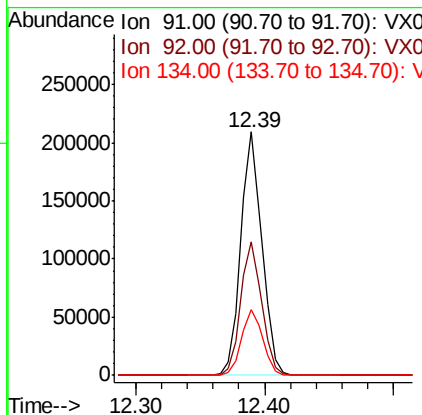
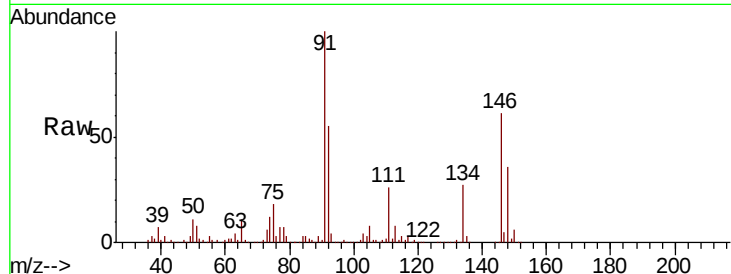




#89
n-Butylbenzene
Concen: 16.56 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX003904.D
Acq: 08 Aug 2018 03:11

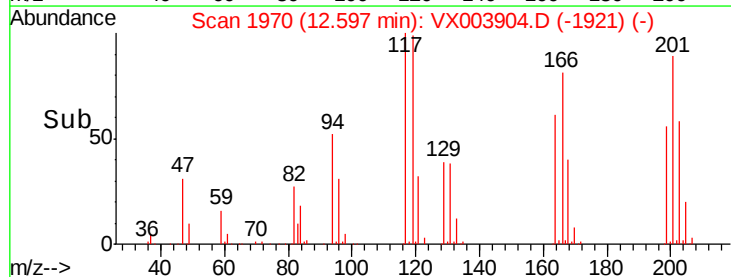
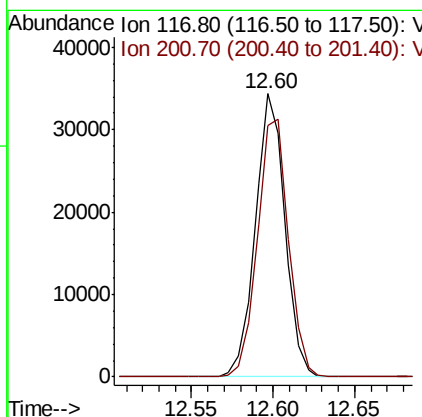
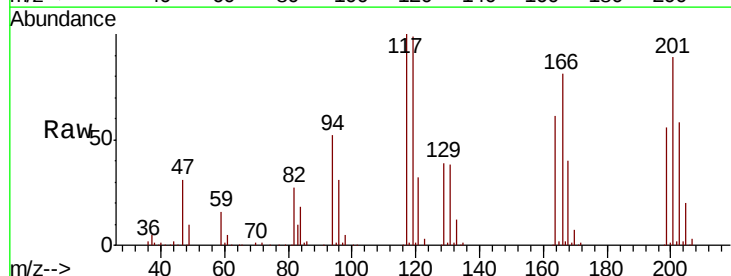
Instrument :
MSVOA_X
ClientSampled :
VX0807WBS03

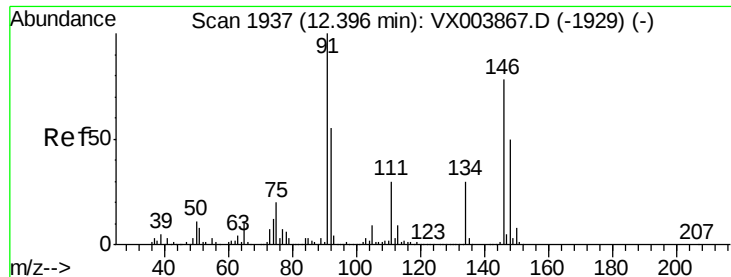
Tot Ion: 91 Resp: 237831
Ion Ratio Lower Upper
91 100
92 54.5 27.1 81.3
134 27.0 13.6 40.7



#90
Hexachloroethane
Concen: 16.17 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX003904.D
Acq: 08 Aug 2018 03:11

Tgt Ion: 117 Resp: 43266
Ion Ratio Lower Upper
117 100
201 95.1 46.1 138.2

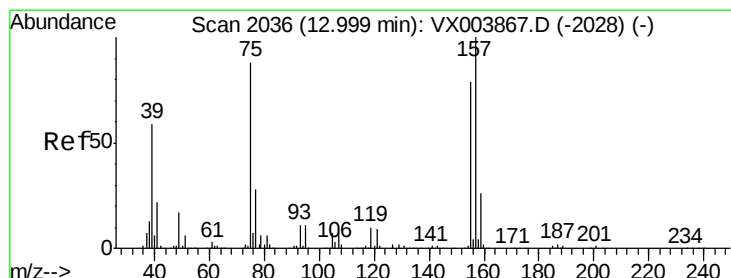
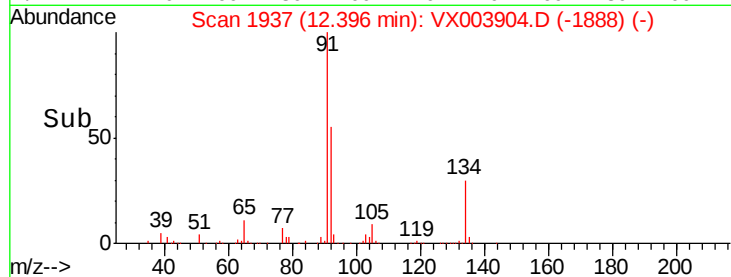
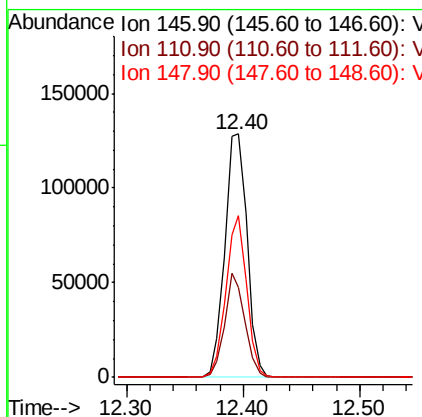
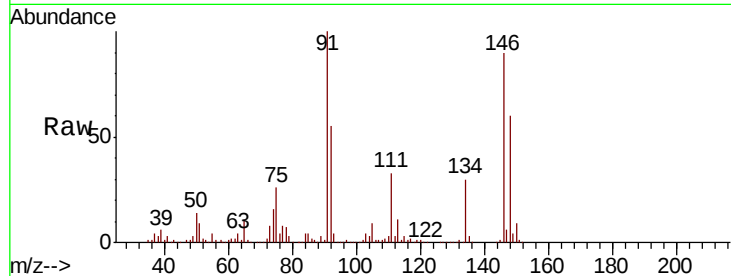




#91
 1,2-Dichlorobenzene
 Concen: 17.95 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

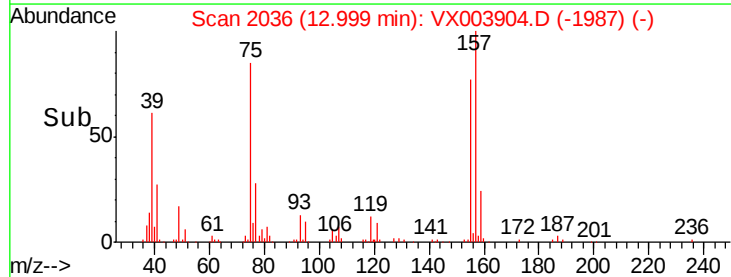
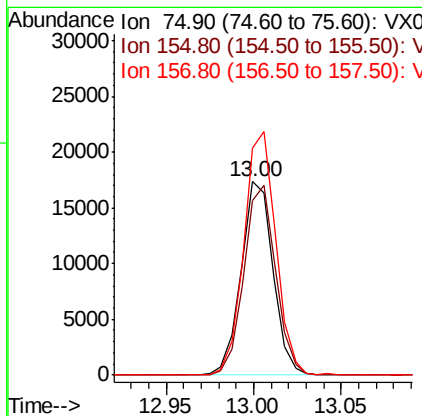
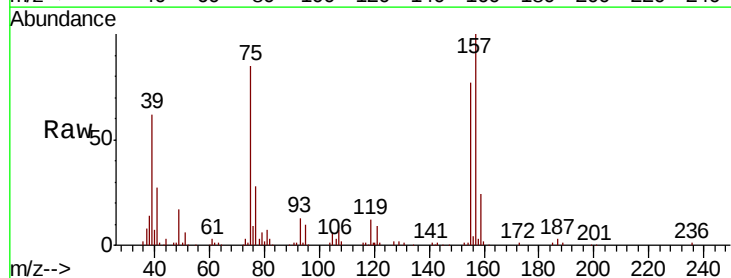
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS03

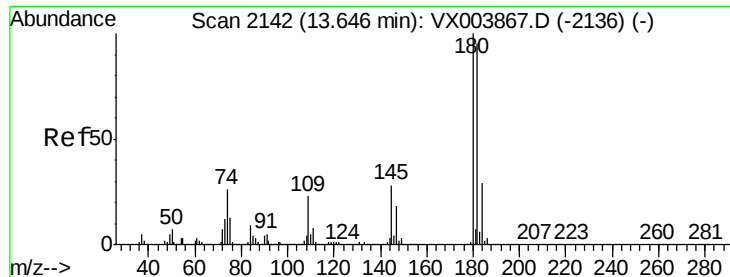
Tot Ion:146 Resp: 170208
 Ion Ratio Lower Upper
 146 100
 111 38.5 19.7 59.0
 148 61.9 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 16.16 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

Tgt Ion: 75 Resp: 22014
 Ion Ratio Lower Upper
 75 100
 155 97.3 48.7 146.1
 157 125.4 62.6 187.8

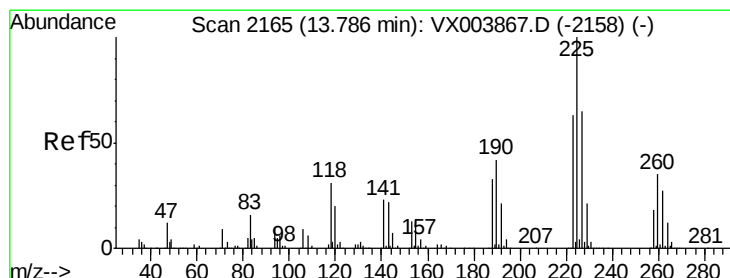
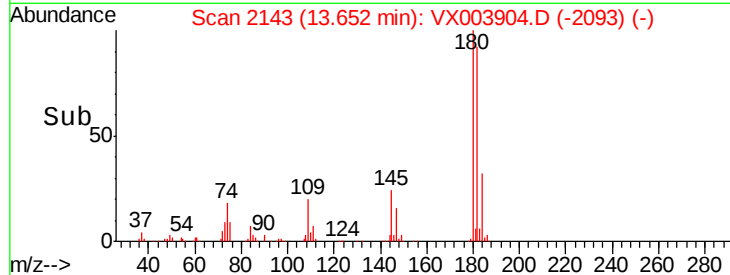
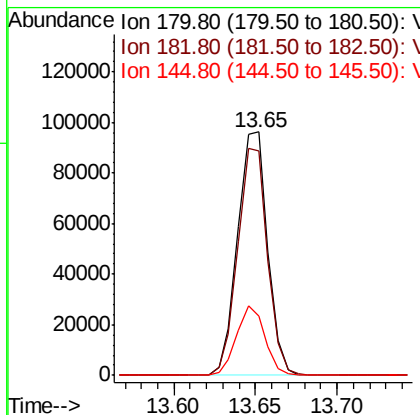
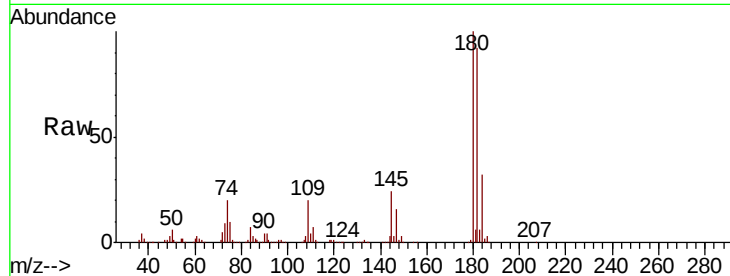




#93
 1,2,4-Trichlorobenzene
 Concen: 18.11 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

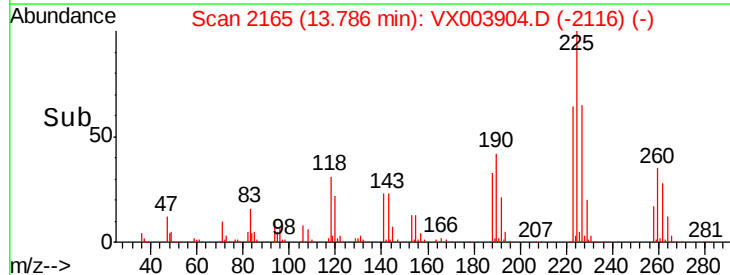
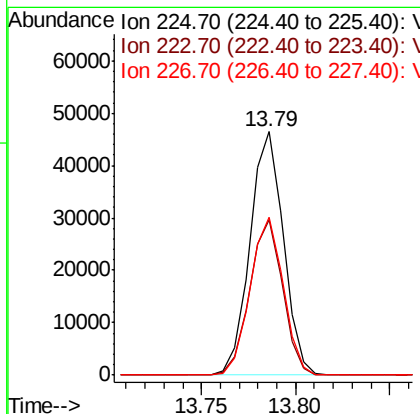
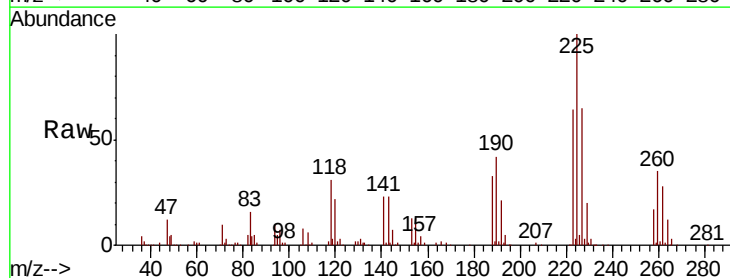
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0807WBS03

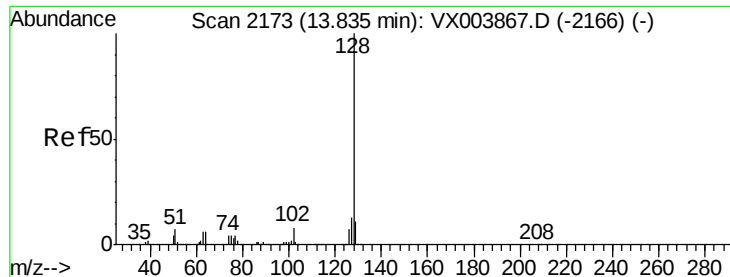
Tot Ion	Ratio	Lower	Upper
180	100		
182	92.4	47.7	143.1
145	26.8	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 19.19 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003904.D
 Acq: 08 Aug 2018 03:11

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	31.4	94.0
227	64.5	32.1	96.5





#95

Naphthalene

Concen: 20.26 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

Instrument :

MSVOA_X

ClientSampleId :

VX0807WBS03

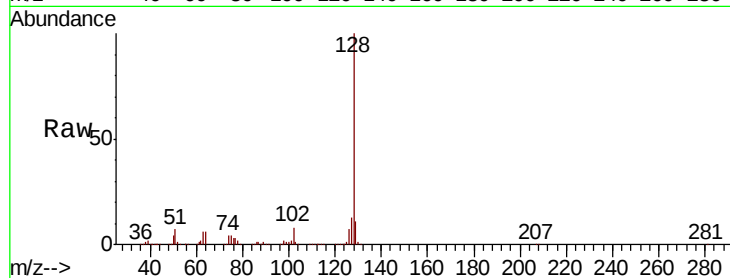
Tot Ion:128 Resp: 395789

Ion Ratio Lower Upper

128 100

127 12.7 10.2 15.2

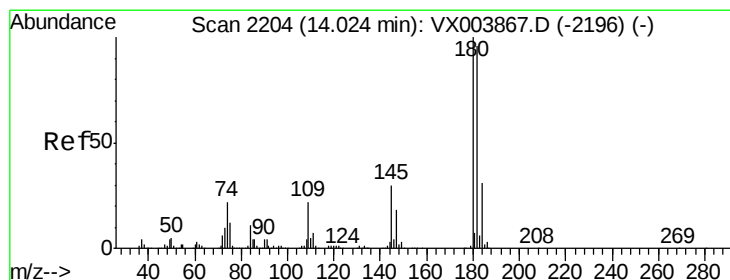
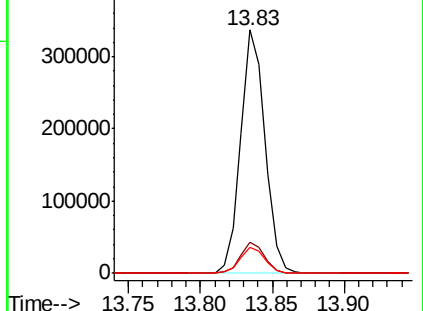
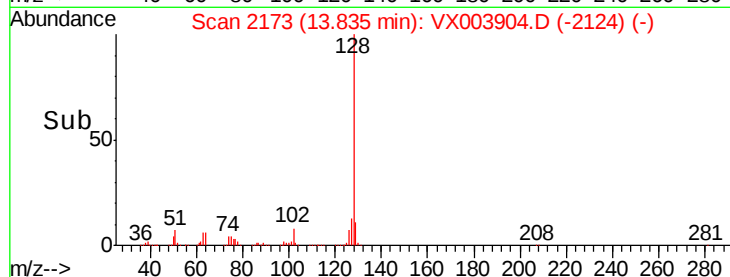
129 10.9 8.8 13.2



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 19.57 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003904.D

Acq: 08 Aug 2018 03:11

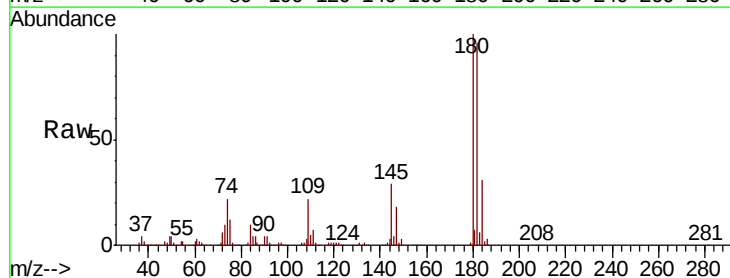
Tgt Ion:180 Resp: 133216

Ion Ratio Lower Upper

180 100

182 95.8 48.1 144.4

145 30.0 14.9 44.7



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

