

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080618\
 Data File : VX003870.D
 Acq On : 06 Aug 2018 19:07
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICSVVX080618

Quant Time: Aug 07 07:49:00 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	368698	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	535502	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	483212	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	277224	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	232832	47.64	ug/l	0.00
Spiked Amount			Recovery	=	95.28%	
35) Dibromofluoromethane	5.50	113	199436	49.16	ug/l	0.00
Spiked Amount			Recovery	=	98.32%	
50) Toluene-d8	8.72	98	781933	49.56	ug/l	0.00
Spiked Amount			Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.14	95	269127	52.72	ug/l	0.00
Spiked Amount			Recovery	=	105.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	188441	50.434	ug/l	99
3) Chloromethane	1.32	50	242582	47.720	ug/l	99
4) Vinyl Chloride	1.40	62	244028	48.135	ug/l	98
5) Bromomethane	1.64	94	145674	55.416	ug/l	100
6) Chloroethane	1.71	64	170528	52.576	ug/l	98
7) Trichlorofluoromethane	1.92	101	323688	48.362	ug/l	98
8) Diethyl Ether	2.19	74	145702	48.428	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	198814	47.521	ug/l	100
10) Methyl Iodide	2.51	142	258844	49.733	ug/l	100
11) Tert butyl alcohol	3.08	59	296217	252.221	ug/l	100
12) 1,1-Dichloroethene	2.37	96	192423	48.625	ug/l	99
13) Acrolein	2.29	56	146077	241.758	ug/l	100
14) Allyl chloride	2.73	41	372864	48.878	ug/l	100
15) Acrylonitrile	3.15	53	677571	241.784	ug/l	100
16) Acetone	2.45	43	674027	231.813	ug/l	99
17) Carbon Disulfide	2.56	76	556852	49.654	ug/l	99
18) Methyl Acetate	2.78	43	305432	48.242	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	695993	49.633	ug/l	99
20) Methylene Chloride	2.86	84	225496	49.185	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	212429	47.284	ug/l	100
22) Diisopropyl ether	3.87	45	677366	48.306	ug/l	100
23) Vinyl Acetate	3.82	43	2901921	248.721	ug/l	99
24) 1,1-Dichloroethane	3.70	63	398857	47.885	ug/l	100
25) 2-Butanone	4.71	43	1080115	247.072	ug/l	100
26) 2,2-Dichloropropane	4.58	77	273795	45.579	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	237108	48.639	ug/l	98
28) Bromochloromethane	5.02	49	173607	48.705	ug/l	99
29) Tetrahydrofuran	5.17	42	558408	248.520	ug/l	100
30) Chloroform	5.21	83	379162	48.352	ug/l	100
31) Cyclohexane	5.57	56	349177	49.569	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	326403	49.637	ug/l	100
36) 1,1-Dichloropropene	5.80	75	289216	48.221	ug/l	99
37) Ethyl Acetate	4.87	43	328408	49.776	ug/l	99
38) Carbon Tetrachloride	5.78	117	283340	49.635	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	355842	50.322	ug/l	98
40) Benzene	6.15	78	880111	48.869	ug/l	99
41) Methacrylonitrile	5.06	41	182674	50.275	ug/l	99
42) 1,2-Dichloroethane	6.20	62	296120	48.627	ug/l	99
43) Isopropyl Acetate	6.47	43	503238	50.687	ug/l	100
44) Trichloroethene	7.21	130	240736	48.877	ug/l	93
45) 1,2-Dichloropropane	7.52	63	225144	48.411	ug/l	97
46) Dibromomethane	7.67	93	146392	48.485	ug/l	99
47) Bromodichloromethane	7.90	83	284228	49.970	ug/l	100
48) Methyl methacrylate	7.78	41	262787	52.070	ug/l	99
49) 1,4-Dioxane	7.76	88	123729	1040.712	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	2131985	259.068	ug/l	100
52) Toluene	8.79	92	569981	50.088	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	331649	51.585	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	357480	51.567	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	229209	49.291	ug/l	99
56) Ethyl methacrylate	9.18	69	355389	52.676	ug/l	100
57) 1,3-Dichloropropane	9.37	76	389479	50.045	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	887787	267.600	ug/l	100
59) 2-Hexanone	9.50	43	1599305	259.987	ug/l	100
60) Dibromochloromethane	9.59	129	220206	50.791	ug/l	98
61) 1,2-Dibromoethane	9.68	107	237055	50.917	ug/l	96
64) Tetrachloroethene	9.34	164	225916	47.526	ug/l	96
65) Chlorobenzene	10.14	112	605280	48.140	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	210571	48.716	ug/l	96
67) Ethyl Benzene	10.26	91	1029668	50.028	ug/l	99
68) m/p-Xylenes	10.36	106	826024	102.711	ug/l	96
69) o-Xylene	10.70	106	402018	52.954	ug/l	97
70) Styrene	10.71	104	659519	53.059	ug/l	99
71) Bromoform	10.86	173	171146	46.888	ug/l	98
73) Isopropylbenzene	11.02	105	1048707	51.138	ug/l	99
74) N-amyl acetate	6.47	43	503238	47.187	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	339920	48.361	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	395917	64.658	ug/l	86
77) Bromobenzene	11.26	156	274689	50.209	ug/l	97
78) n-propylbenzene	11.36	91	1202993	52.239	ug/l	98
79) 2-Chlorotoluene	11.42	91	714924	50.917	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	867915	51.901	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	105693	47.091	ug/l	93
82) 4-Chlorotoluene	11.51	91	859713	52.263	ug/l	99
83) tert-Butylbenzene	11.77	119	849380	51.630	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	894804	53.217	ug/l	98
85) sec-Butylbenzene	11.95	105	983618	50.664	ug/l	100
86) p-Isopropyltoluene	12.07	119	899550	51.634	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	474464	46.915	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	483424	49.852	ug/l	99
89) n-Butylbenzene	12.39	91	759541	50.031	ug/l	98
90) Hexachloroethane	12.60	117	136098	48.114	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	484576	48.340	ug/l	96
92) 1,2-Dibromo-3-Chloropropan	13.00	75	70766	49.147	ug/l	99

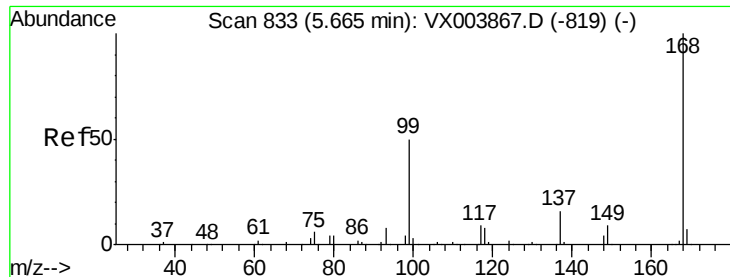
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080618\
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	334650	46.417	ug/l	100
94) Hexachlorobutadiene	13.79	225	150538	47.349	ug/l	99
95) Naphthalene	13.83	128	1053375	51.014	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	343921	47.801	ug/l	99

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

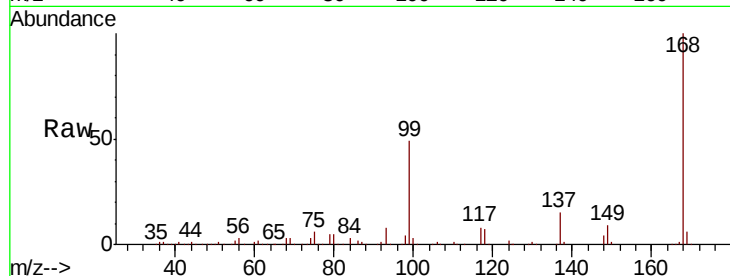
ICVVX080618

Tot Ion:168 Resp: 368698

Ion Ratio Lower Upper

168 100

99 49.1 40.1 60.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

150000

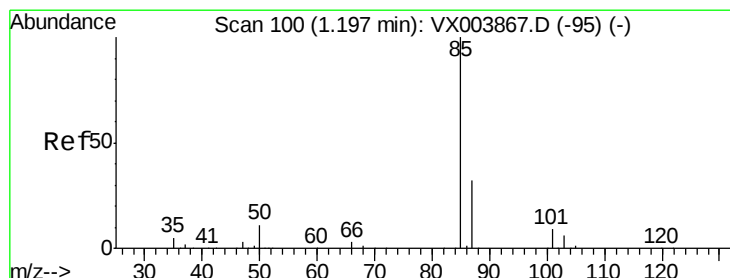
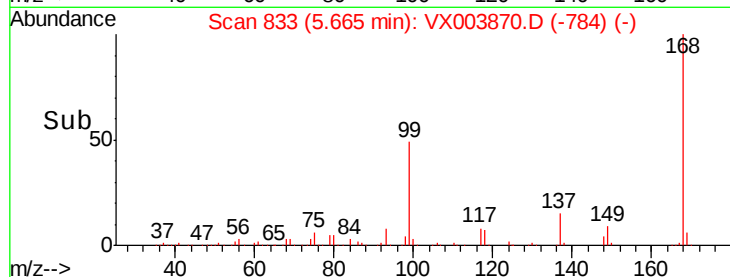
100000

50000

0

5.50 5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 50.434 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003870.D

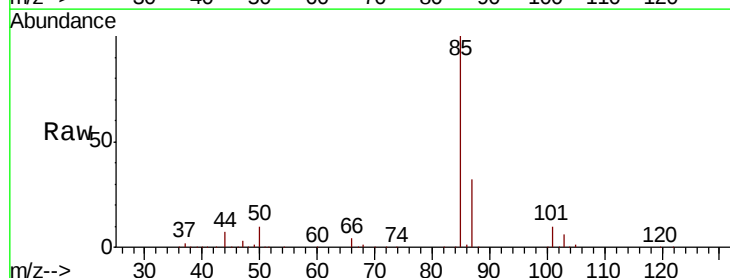
Acq: 06 Aug 2018 19:07

Tgt Ion: 85 Resp: 188441

Ion Ratio Lower Upper

85 100

87 32.5 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

200000

150000

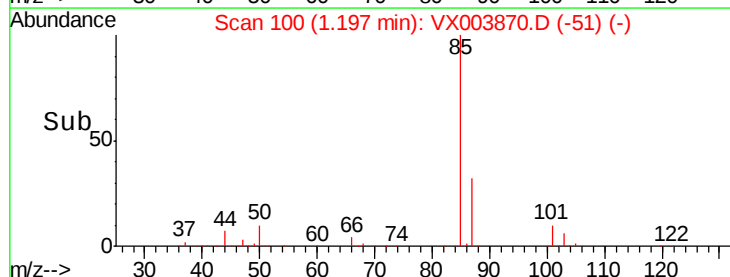
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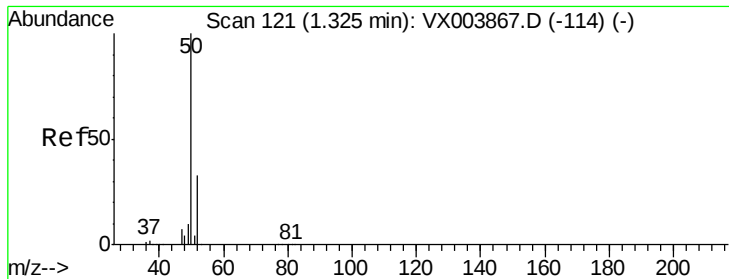
50000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 47.720 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

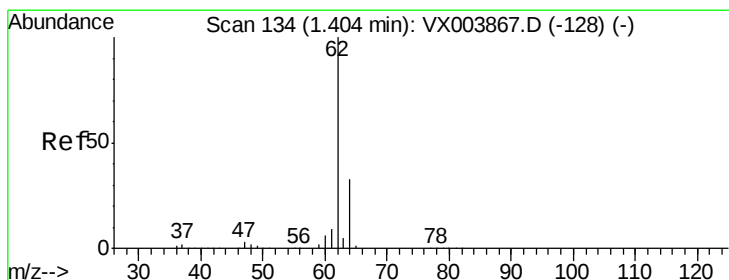
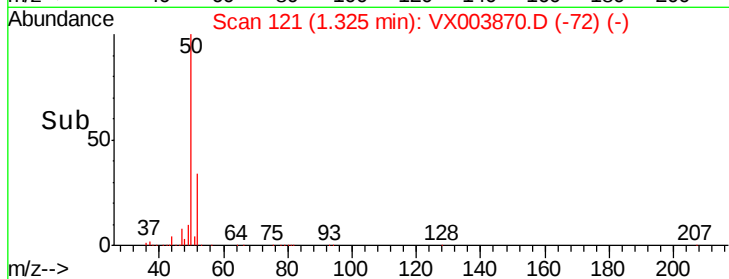
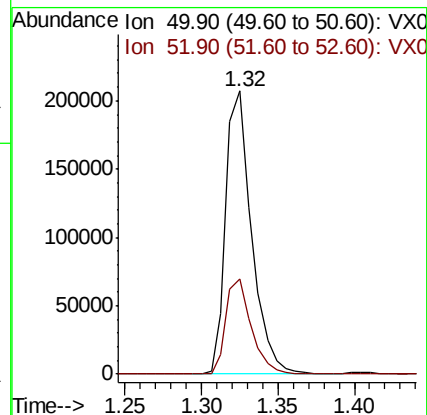
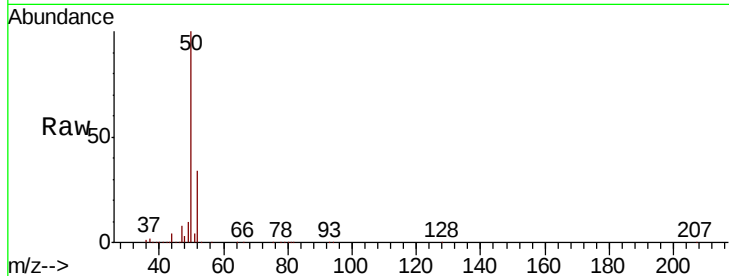
ICVVX080618

Tot Ion: 50 Resp: 242582

Ion Ratio Lower Upper

50 100

52 33.5 26.6 39.8



#4

Vinyl Chloride

Concen: 48.135 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003870.D

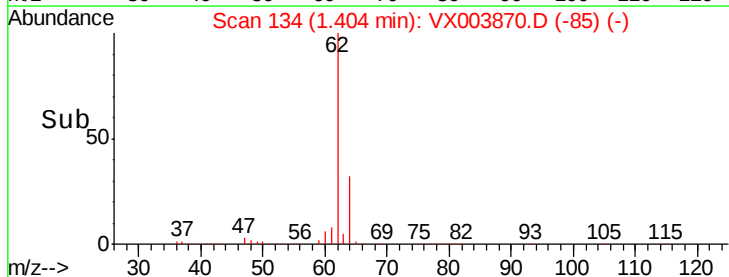
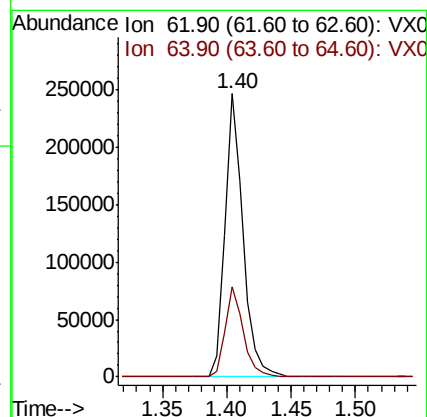
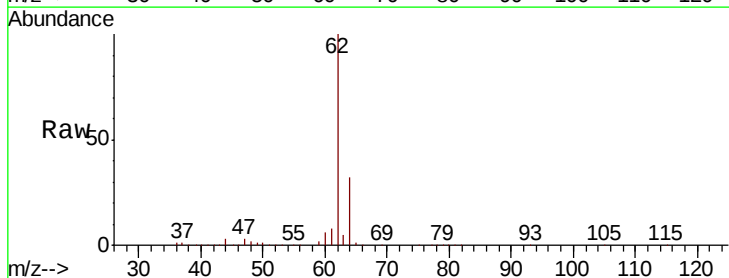
Acq: 06 Aug 2018 19:07

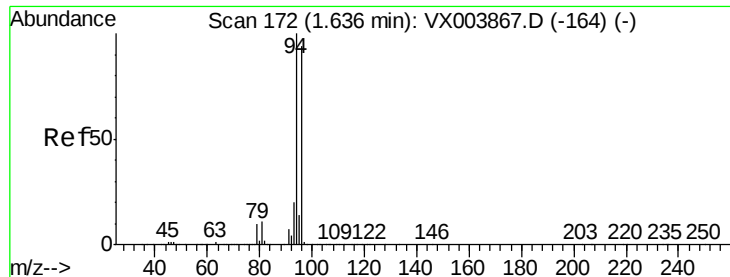
Tgt Ion: 62 Resp: 244028

Ion Ratio Lower Upper

62 100

64 31.6 26.0 39.0





#5

Bromomethane

Concen: 55.416 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

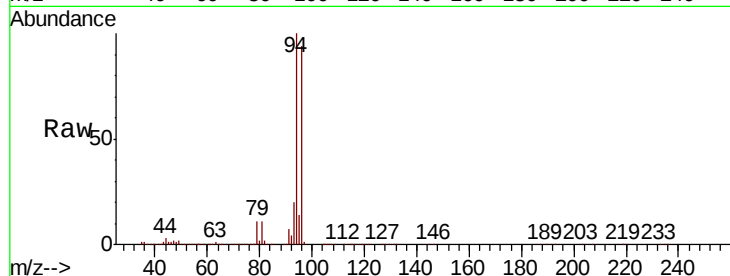
ICVVX080618

Tot Ion: 94 Resp: 145674

Ion Ratio Lower Upper

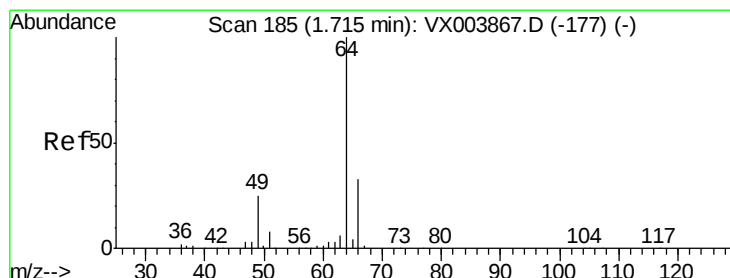
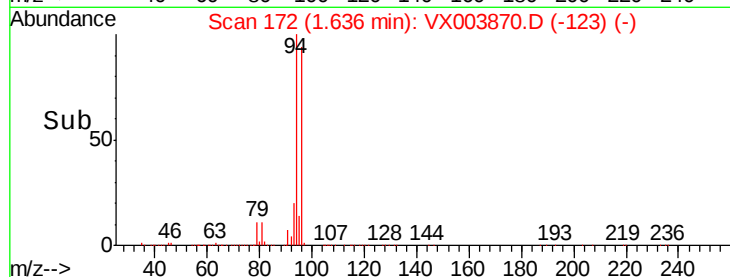
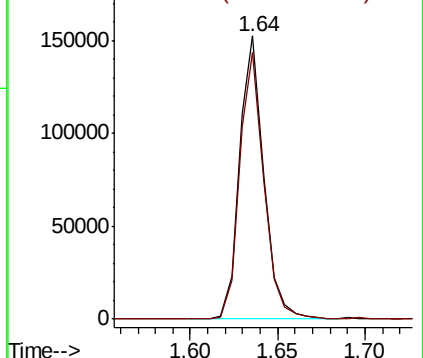
94 100

96 94.2 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: 52.576 ug/l

RT: 1.71 min Scan# 185

Delta R.T. 0.00 min

Lab File: VX003870.D

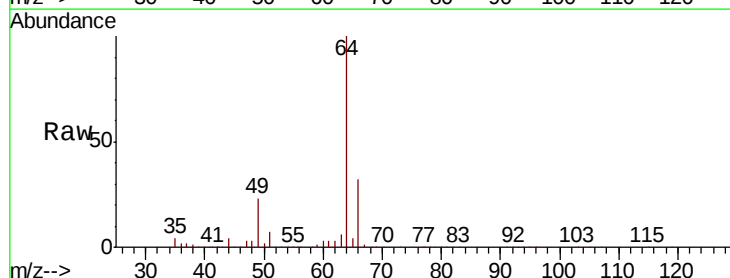
Acq: 06 Aug 2018 19:07

Tgt Ion: 64 Resp: 170528

Ion Ratio Lower Upper

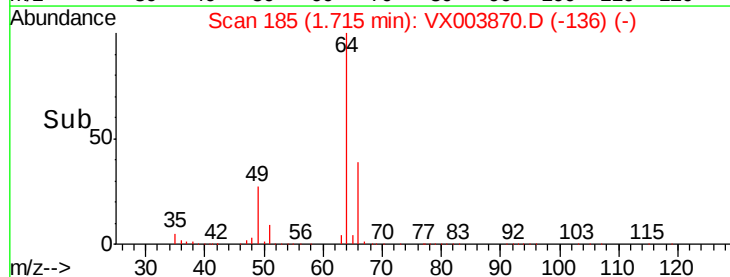
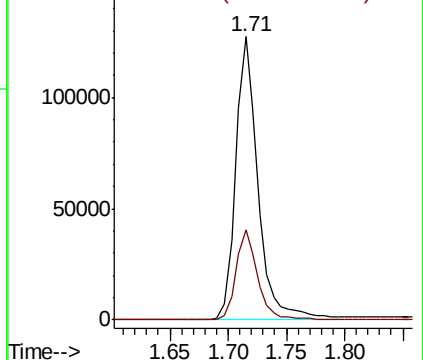
64 100

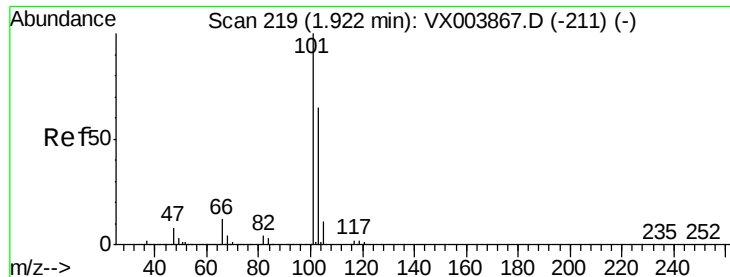
66 31.9 26.5 39.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



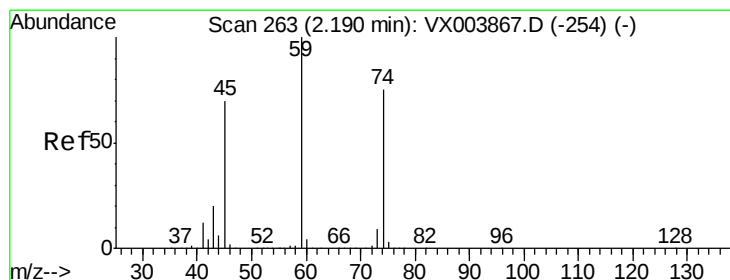
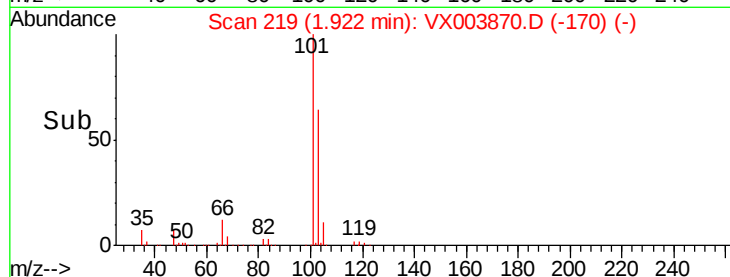
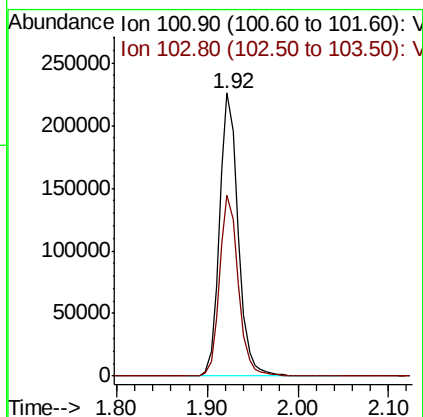
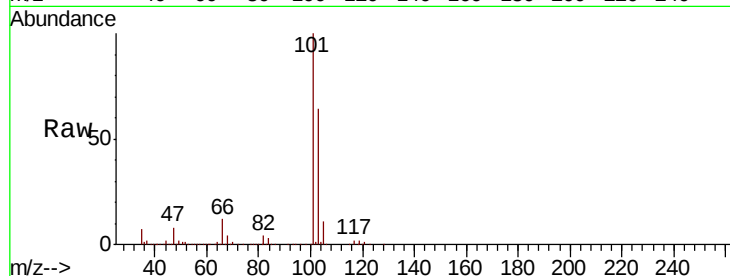


#7

Trichlorofluoromethane
 Concen: 48.362 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX003870.D
 Acq: 06 Aug 2018 19:07

Instrument :
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 ICVVX080618

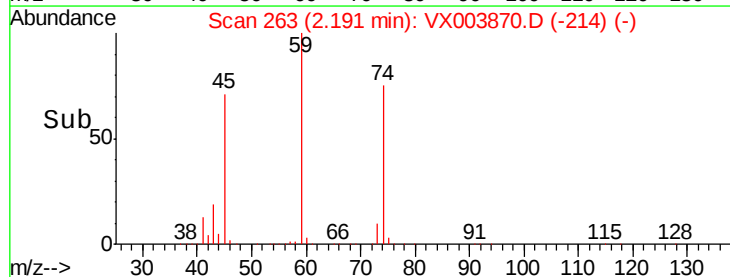
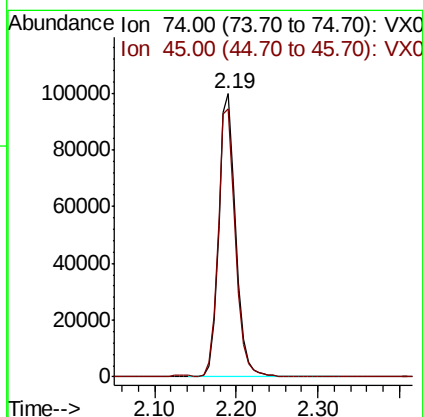
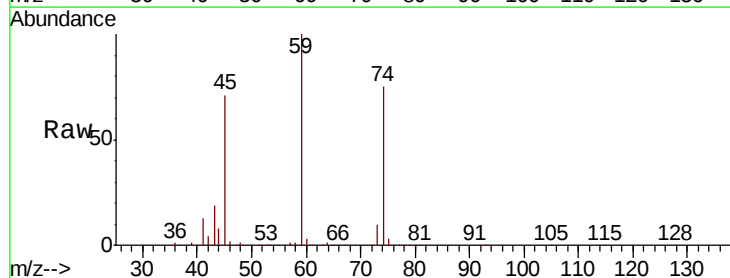
Tot Ion:101 Resp: 323688
 Ion Ratio Lower Upper
 101 100
 103 64.1 52.3 78.5

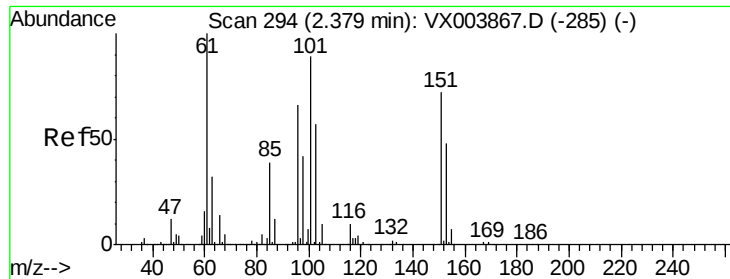


#8

Diethyl Ether
 Concen: 48.428 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003870.D
 Acq: 06 Aug 2018 19:07

Tgt Ion: 74 Resp: 145702
 Ion Ratio Lower Upper
 74 100
 45 96.0 48.3 144.9





#9

1,1,2-Trichlorotrifluoroethane

Concen: 47.521 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080618

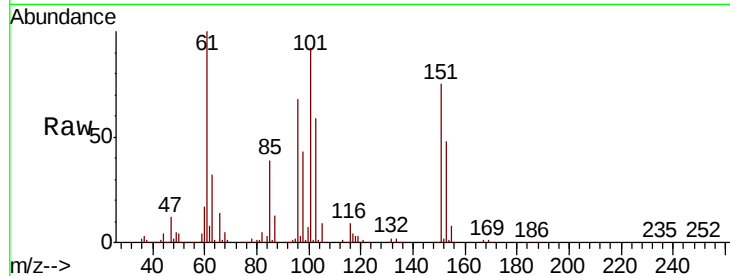
Tot Ion:101 Resp: 198814

Ion Ratio Lower Upper

101 100

85 42.5 34.2 51.4

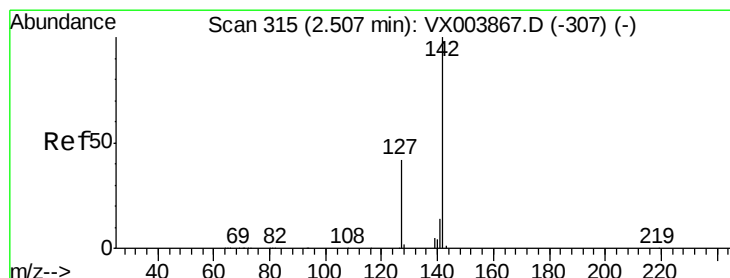
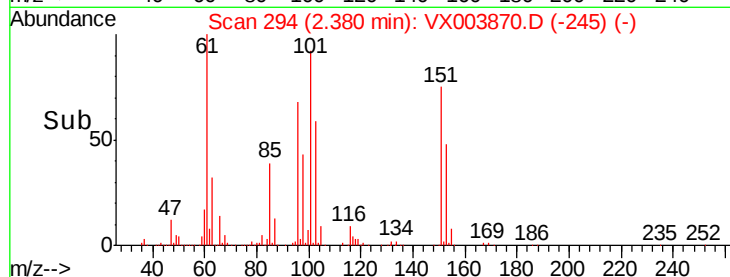
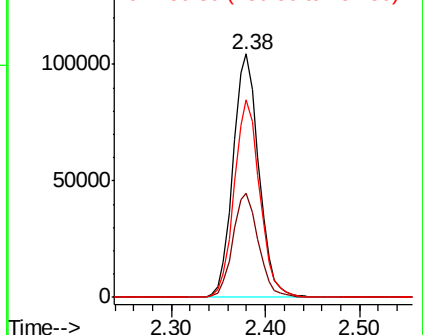
151 80.8 65.0 97.4



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: 49.733 ug/l

RT: 2.51 min Scan# 315

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

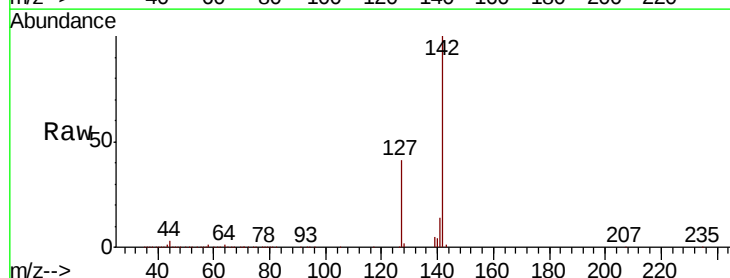
Tgt Ion:142 Resp: 258844

Ion Ratio Lower Upper

142 100

127 41.3 33.1 49.7

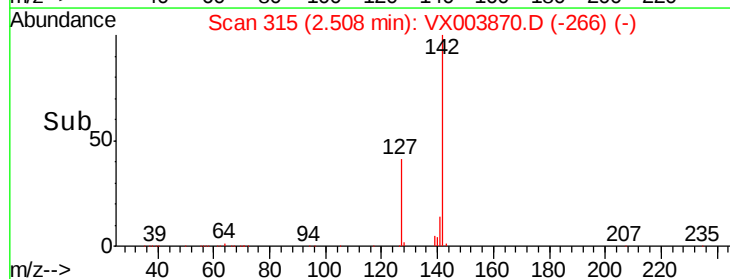
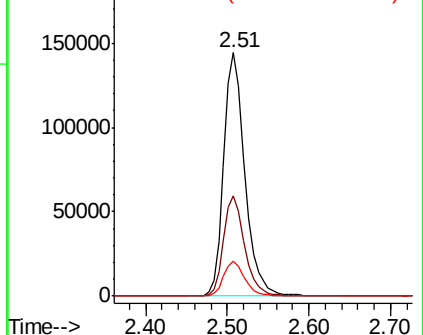
141 14.4 11.1 16.7

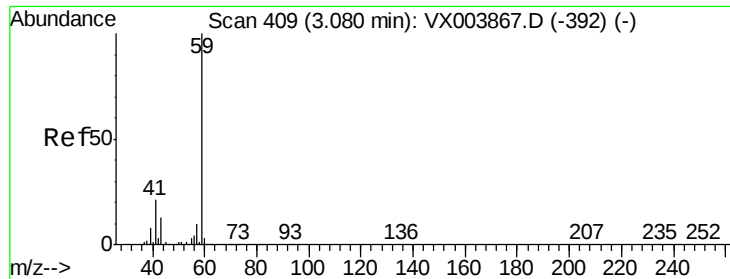


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



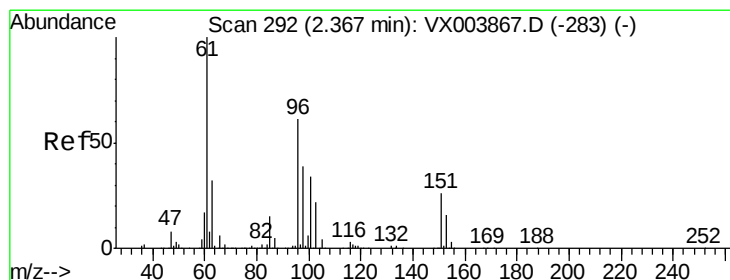
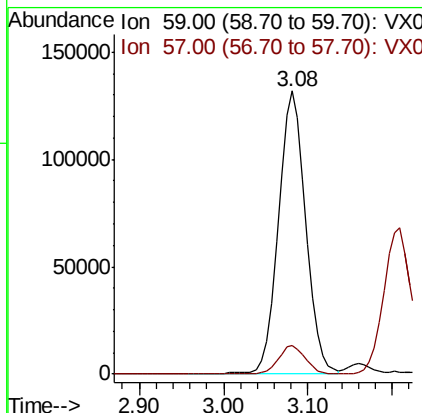
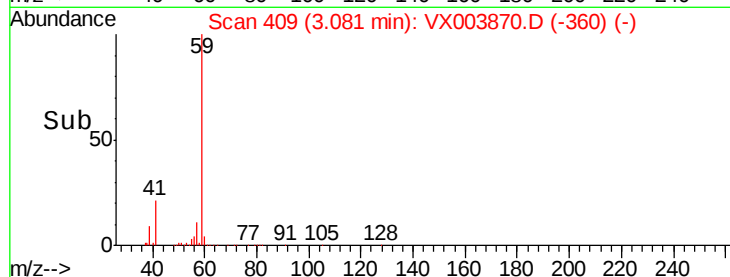
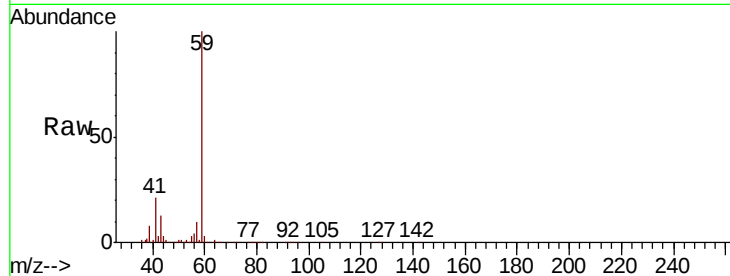


#11

Tert butyl alcohol
 Concen: 252.221 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. 0.00 min
 Lab File: VX003870.D
 Acq: 06 Aug 2018 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080618

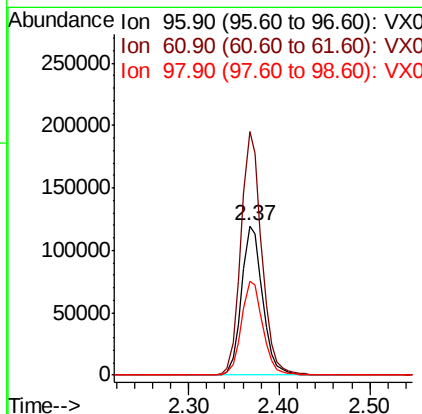
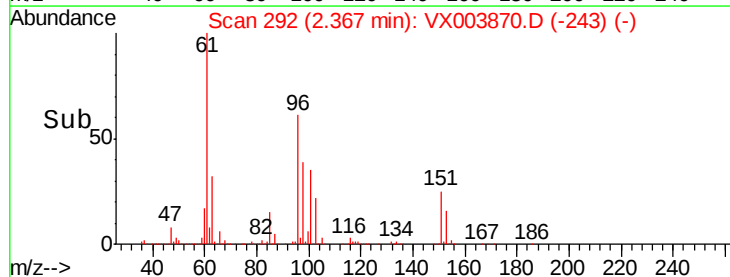
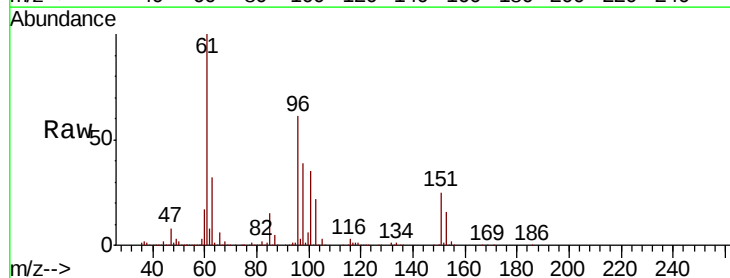
Tot Ion: 59 Resp: 296217
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.1 12.1

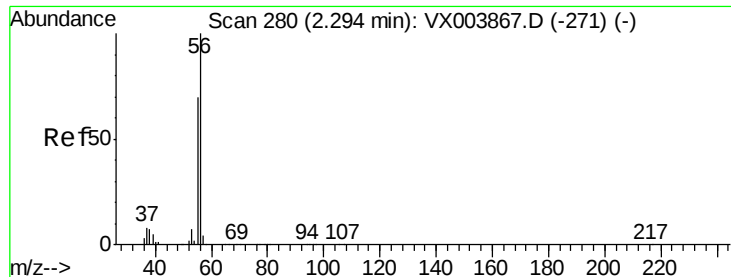


#12

1,1-Dichloroethene
 Concen: 48.625 ug/l
 RT: 2.37 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VX003870.D
 Acq: 06 Aug 2018 19:07

Tgt Ion: 96 Resp: 192423
 Ion Ratio Lower Upper
 96 100
 61 163.5 131.3 196.9
 98 63.1 51.8 77.6





#13

Acrolein

Concen: 241.758 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

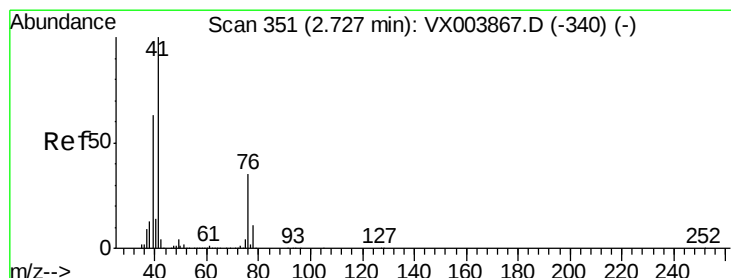
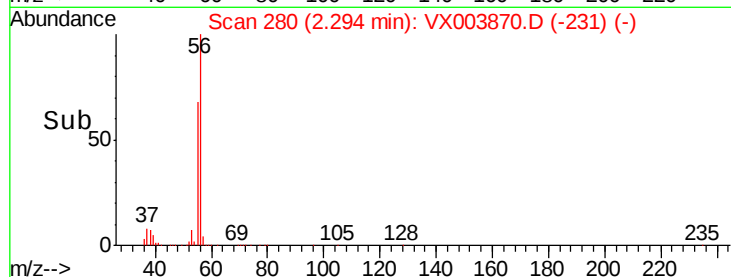
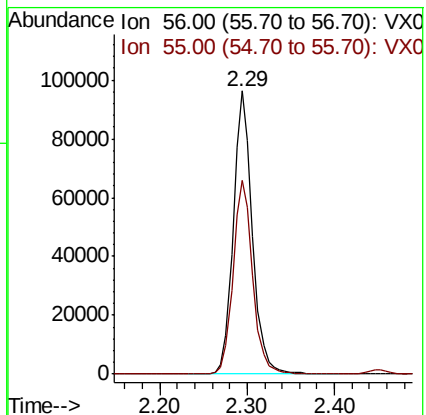
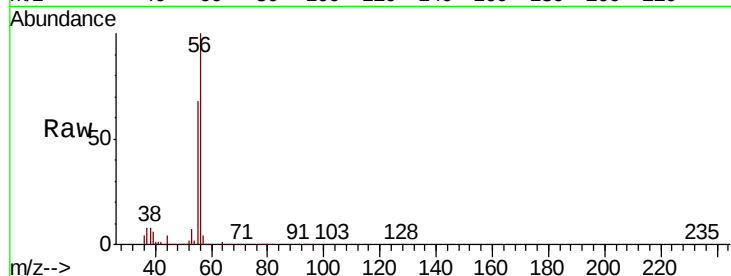
ICVVX080618

Tot Ion: 56 Resp: 146077

Ion Ratio Lower Upper

56 100

55 70.0 56.1 84.1



#14

Allyl chloride

Concen: 48.878 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

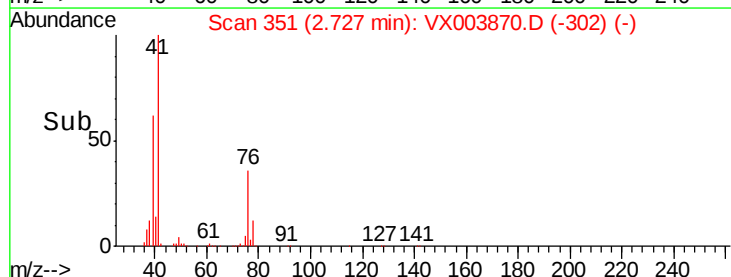
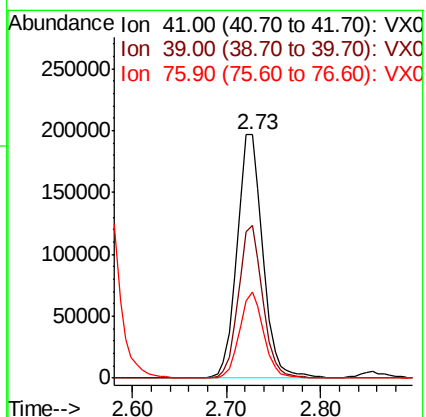
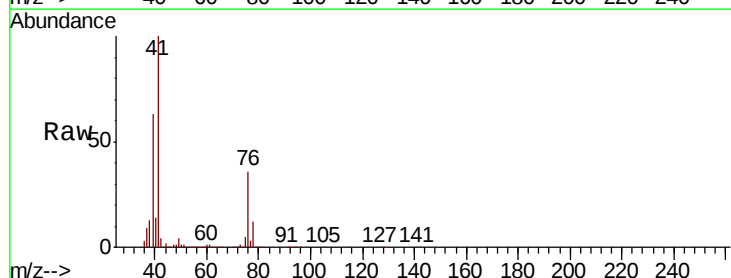
Tgt Ion: 41 Resp: 372864

Ion Ratio Lower Upper

41 100

39 59.1 47.4 71.0

76 32.8 26.0 39.0





#15

Acrylonitrile

Concen: 241.784 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080618

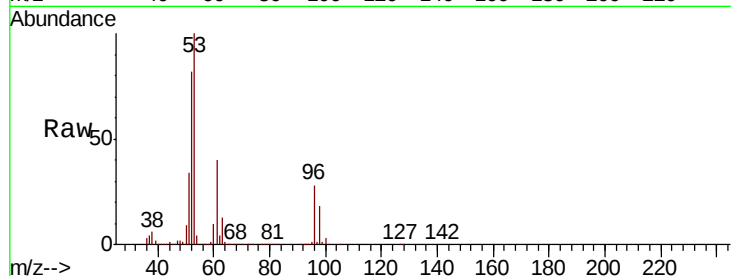
Tot Ion: 53 Resp: 677571

Ion Ratio Lower Upper

53 100

52 81.7 65.3 97.9

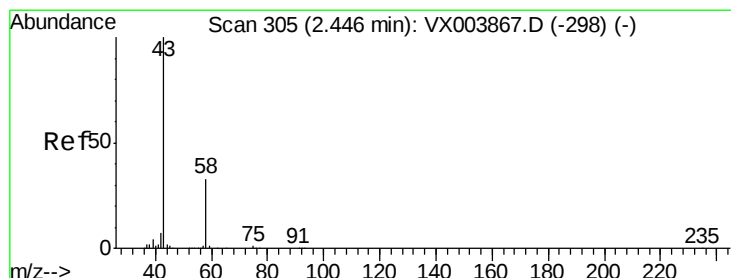
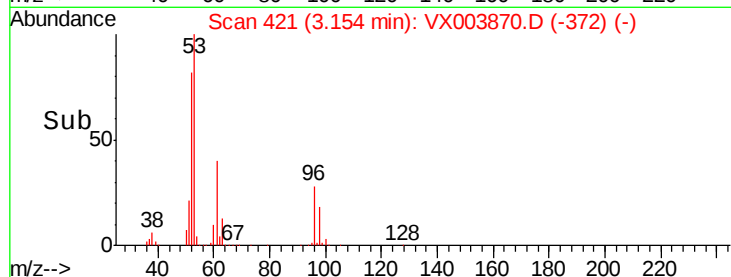
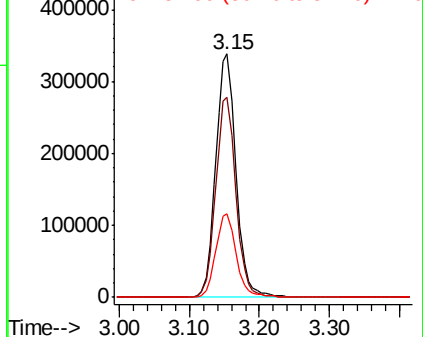
51 34.8 27.9 41.9



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: 231.813 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX003870.D

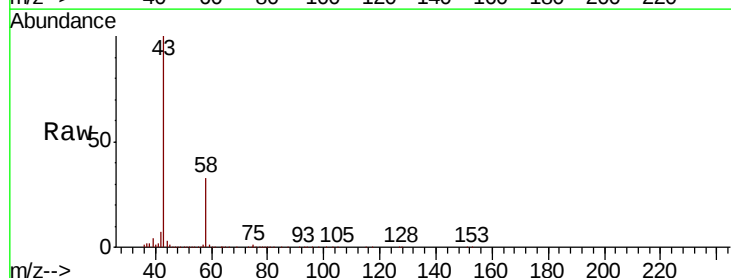
Acq: 06 Aug 2018 19:07

Tgt Ion: 43 Resp: 674027

Ion Ratio Lower Upper

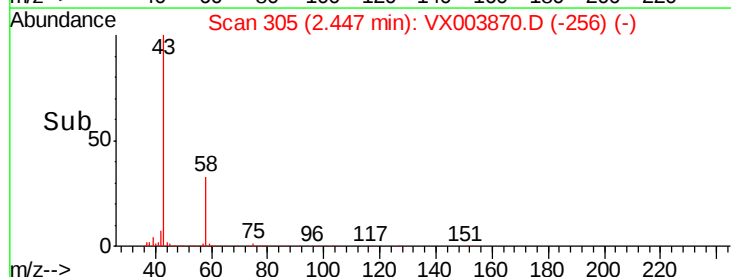
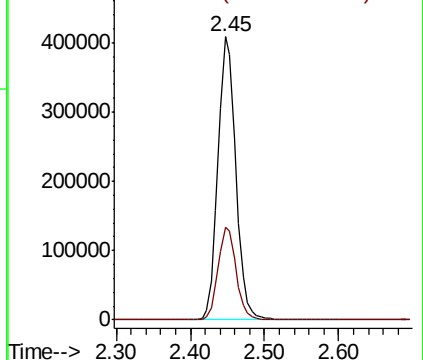
43 100

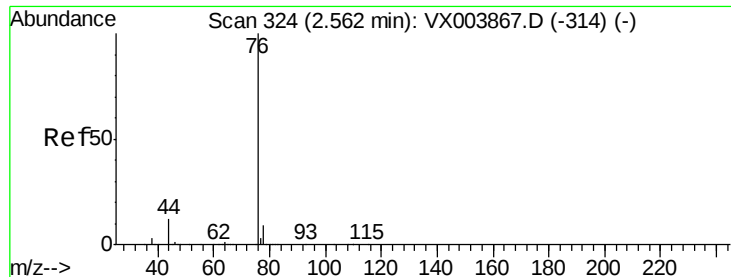
58 32.7 26.4 39.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

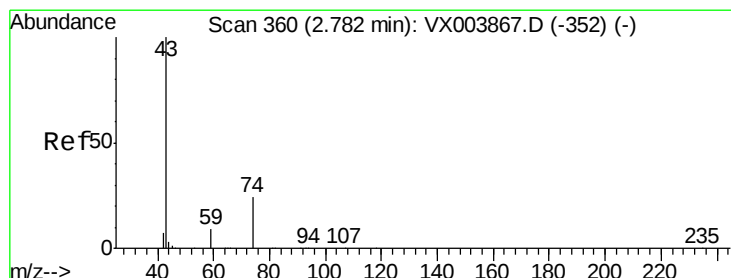
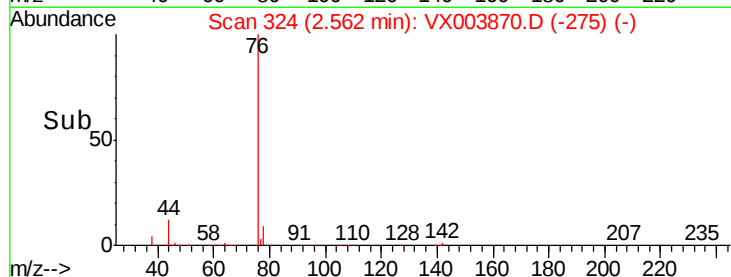
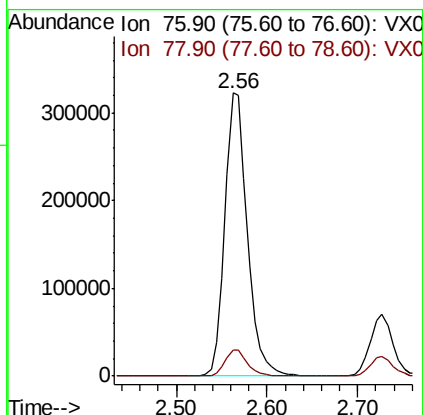
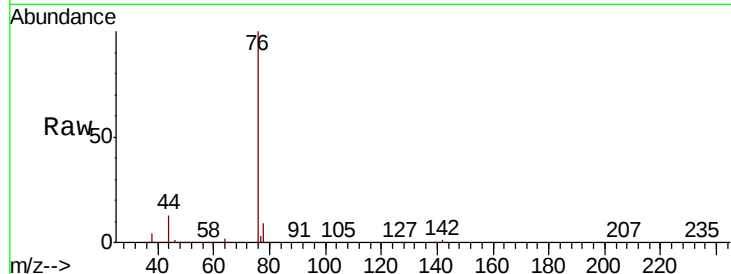




#17
Carbon Disulfide
Concen: 49.654 ug/l
RT: 2.56 min Scan# 324
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

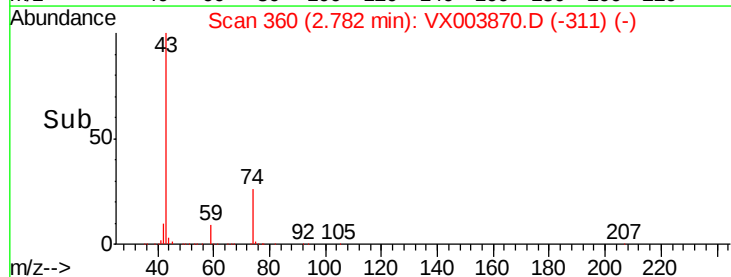
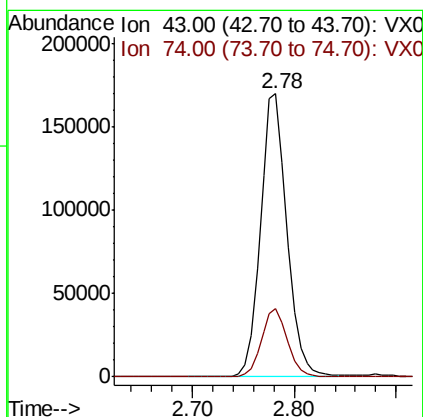
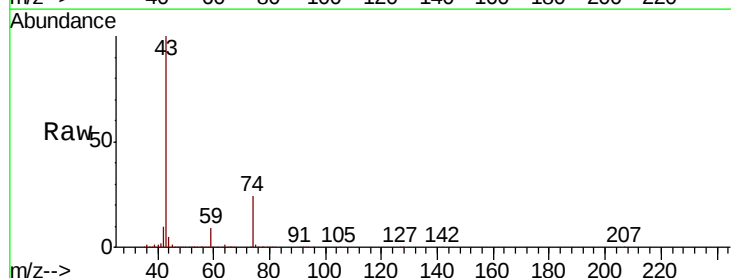
Instrument :
MSVOA_X
ClientSampleId :
ICVVX080618

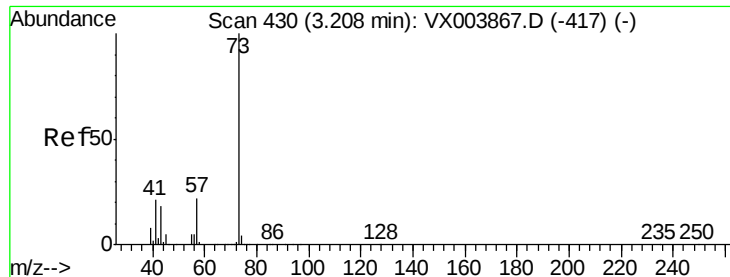
Tot Ion: 76 Resp: 556852
Ion Ratio Lower Upper
76 100
78 9.1 7.5 11.3



#18
Methyl Acetate
Concen: 48.242 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 43 Resp: 305432
Ion Ratio Lower Upper
43 100
74 23.5 18.9 28.3



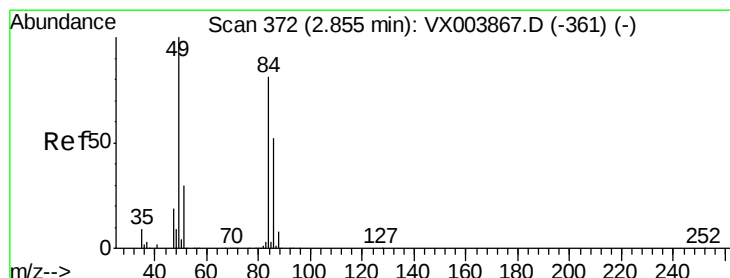
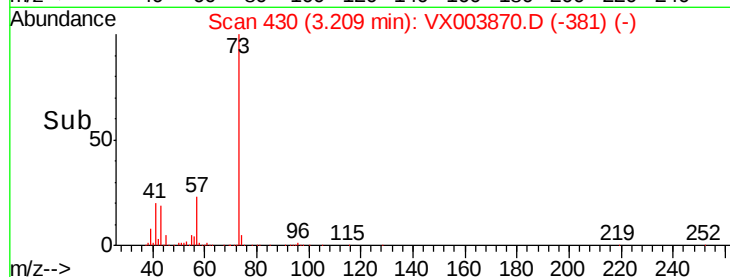
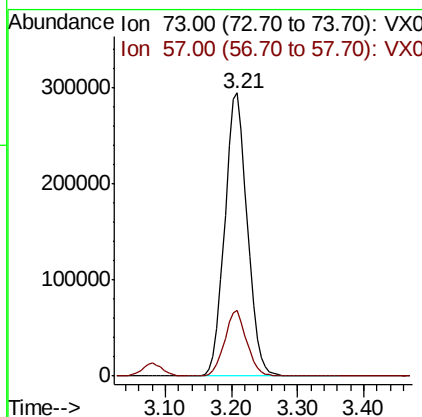
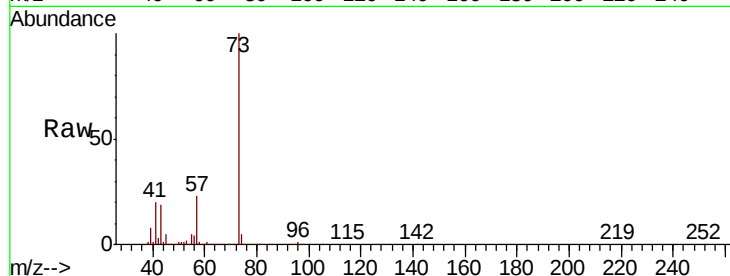


#19

Methyl tert-butyl Ether
 Concen: 49.633 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003870.D
 Acq: 06 Aug 2018 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080618

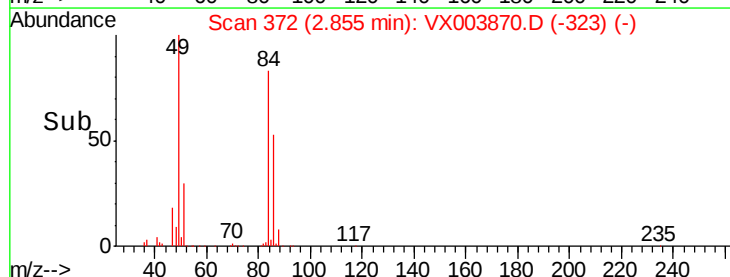
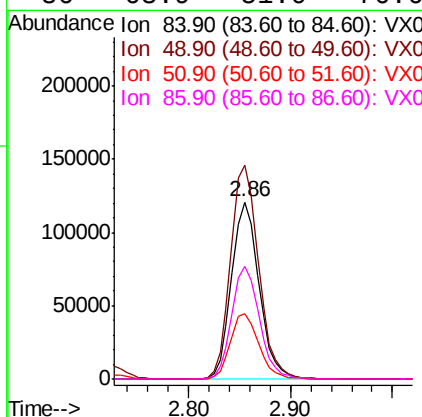
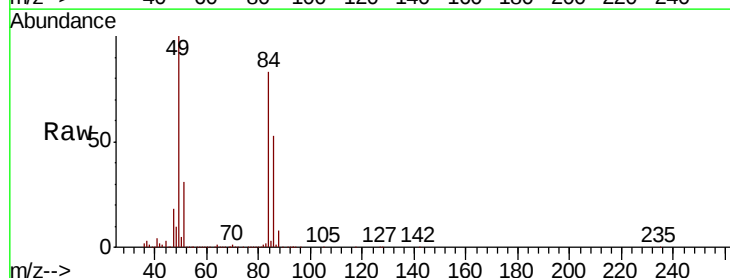
Tot Ion: 73 Resp: 695993
 Ion Ratio Lower Upper
 73 100
 57 23.2 18.0 27.0

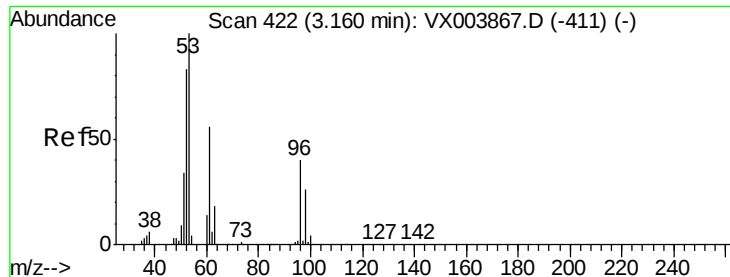


#20

Methylene Chloride
 Concen: 49.185 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VX003870.D
 Acq: 06 Aug 2018 19:07

Tgt Ion: 84 Resp: 225496
 Ion Ratio Lower Upper
 84 100
 49 120.8 98.9 148.3
 51 36.9 29.9 44.9
 86 63.9 51.0 76.6





#21

trans-1,2-Dichloroethene

Concen: 47.284 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080618

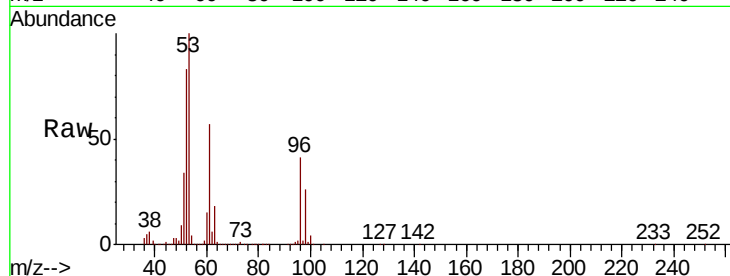
Tot Ion: 96 Resp: 212429

Ion Ratio Lower Upper

96 100

61 139.8 111.8 167.6

98 64.1 51.8 77.6

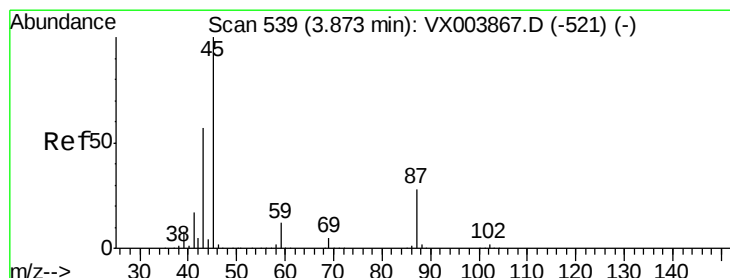
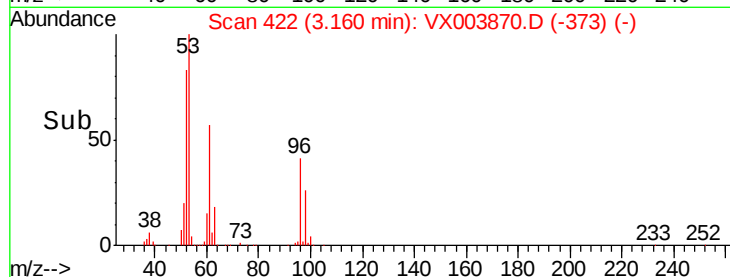
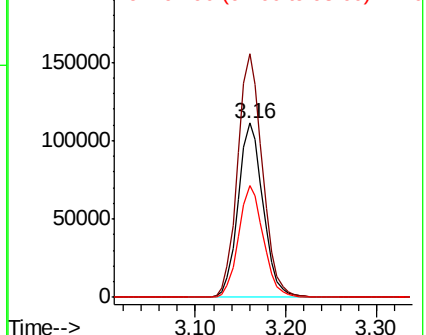


Abundance

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: 48.306 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Tgt Ion: 45 Resp: 677366

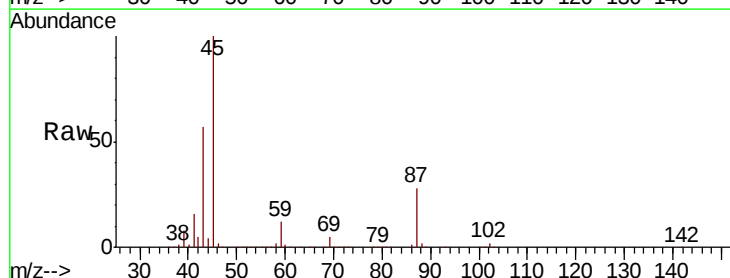
Ion Ratio Lower Upper

45 100

43 56.5 45.3 67.9

87 28.2 22.7 34.1

59 12.2 9.6 14.4



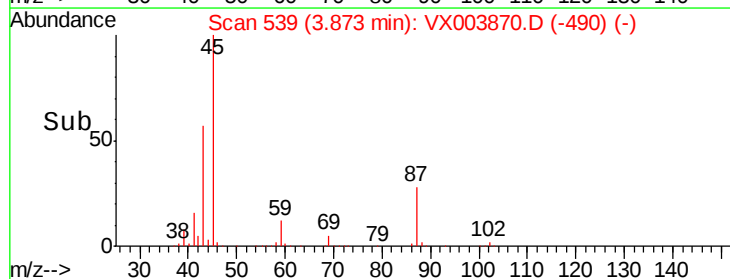
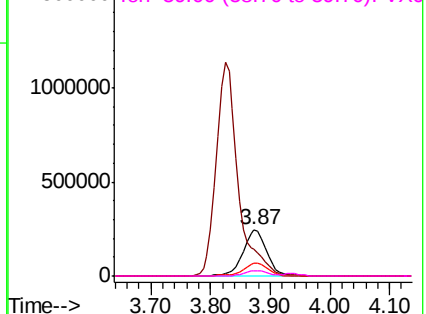
Abundance

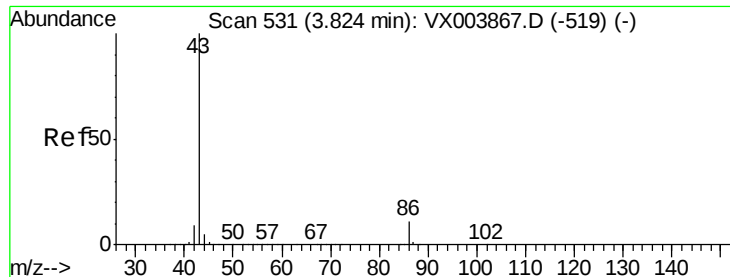
Ion 45.00 (44.70 to 45.70): VX0

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: 248.721 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

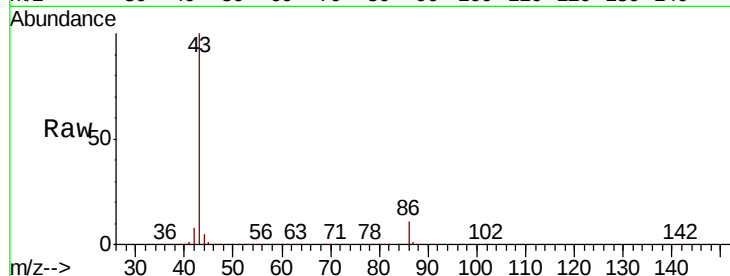
ICVVX080618

Tot Ion: 43 Resp: 2901921

Ion Ratio Lower Upper

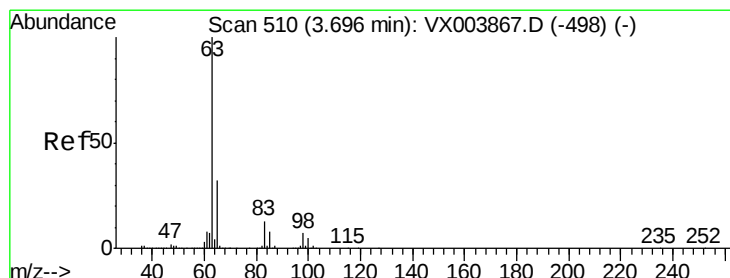
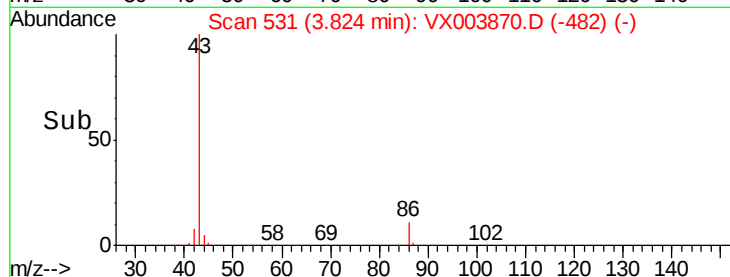
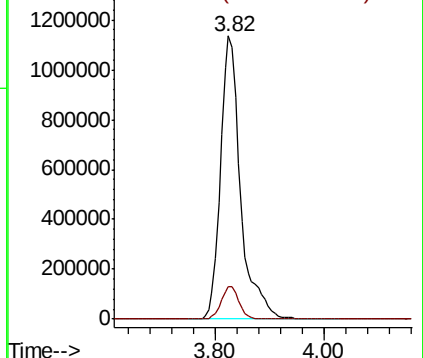
43 100

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: 47.885 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

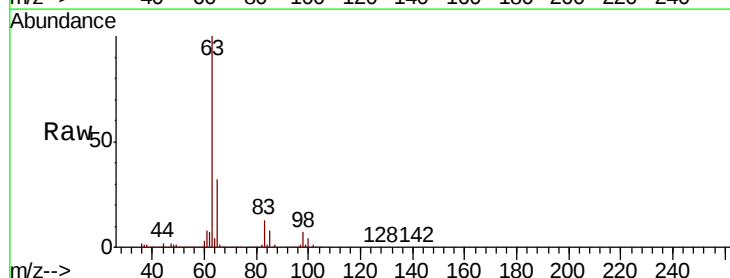
Tgt Ion: 63 Resp: 398857

Ion Ratio Lower Upper

63 100

98 6.9 3.5 10.5

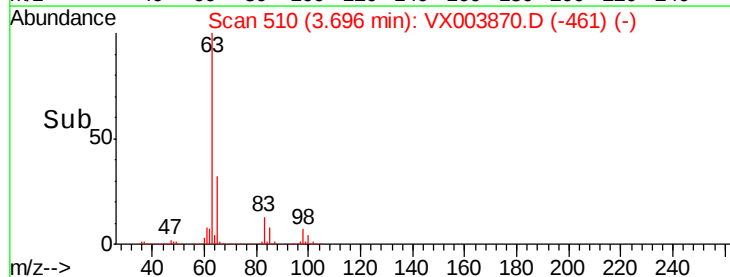
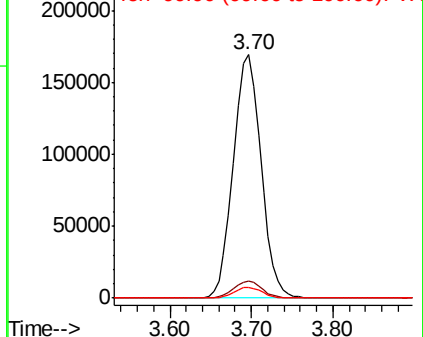
100 4.5 2.3 6.8

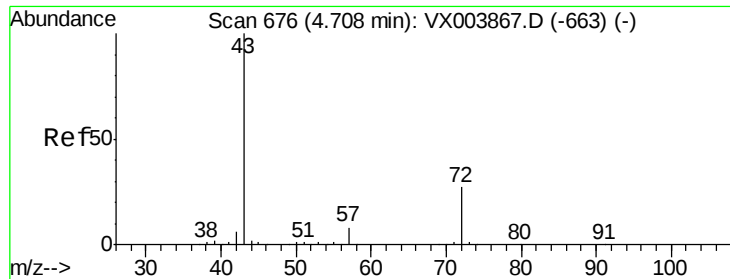


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 247.072 ug/l

RT: 4.71 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

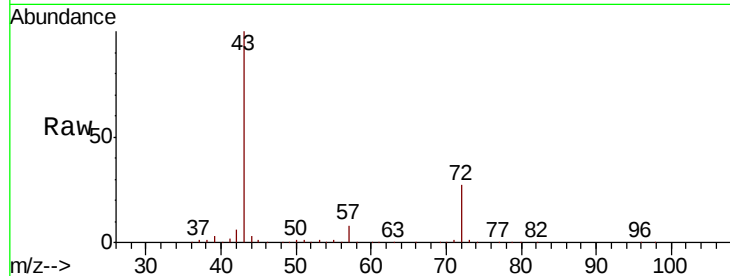
ICVVX080618

Tot Ion: 43 Resp: 1080115

Ion Ratio Lower Upper

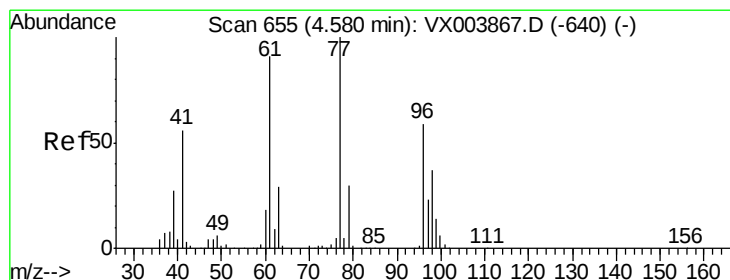
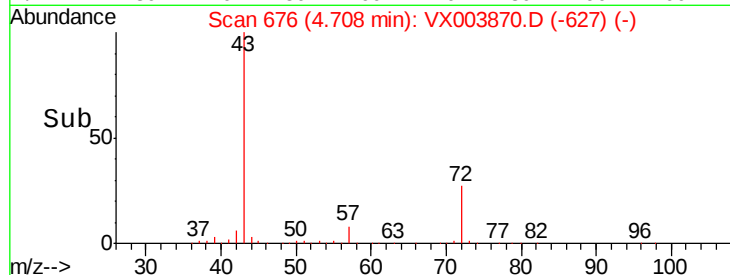
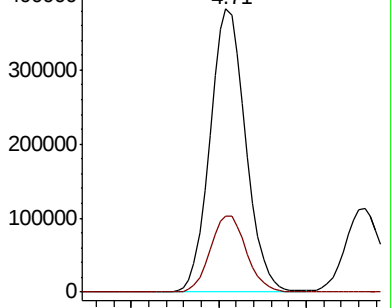
43 100

72 26.8 21.4 32.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 45.579 ug/l

RT: 4.58 min Scan# 655

Delta R.T. 0.00 min

Lab File: VX003870.D

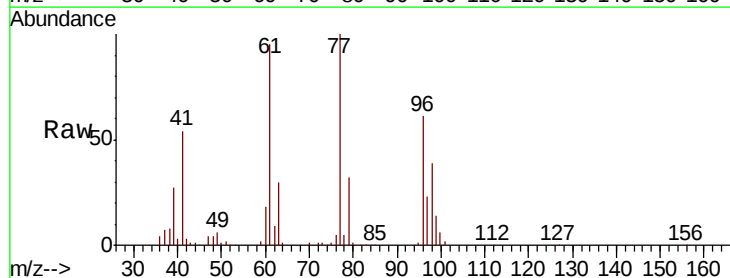
Acq: 06 Aug 2018 19:07

Tgt Ion: 77 Resp: 273795

Ion Ratio Lower Upper

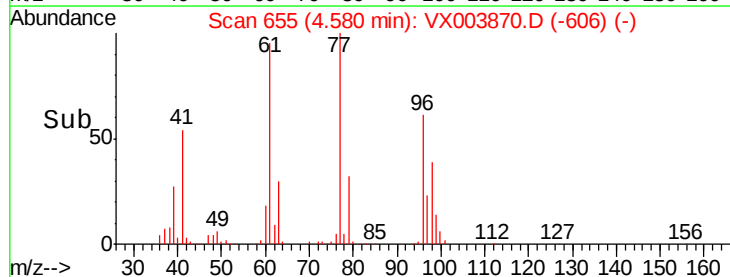
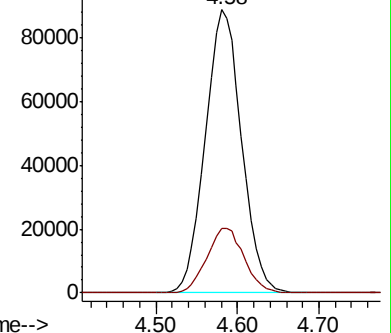
77 100

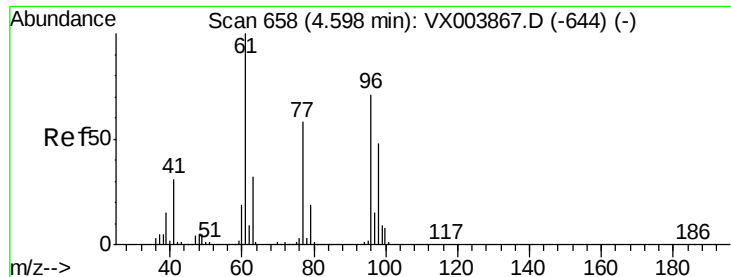
97 23.5 11.9 35.9



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



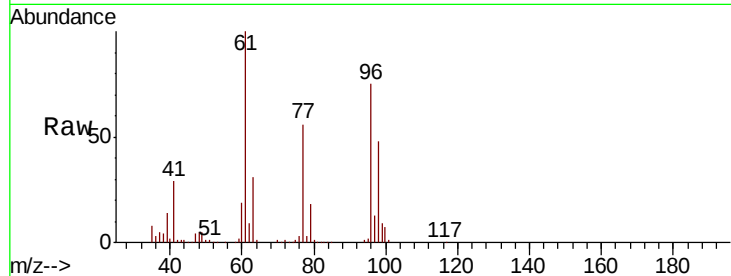


#27

cis-1,2-Dichloroethene
 Concen: 48.639 ug/l
 RT: 4.60 min Scan# 658
 Delta R.T. 0.00 min
 Lab File: VX003870.D
 Acq: 06 Aug 2018 19:07

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080618

Tot Ion	96	Resp	237108
Ion	Ratio	Lower	Upper
96	100		
61	143.6	0.0	293.0
98	64.5	0.0	131.8

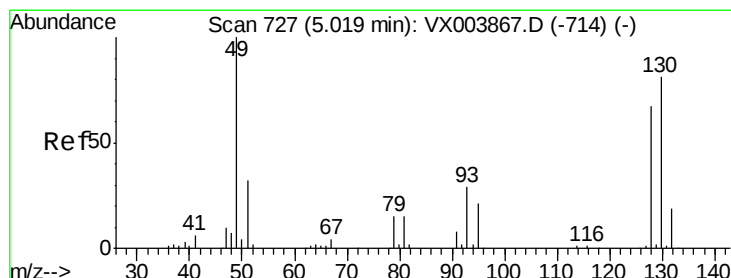
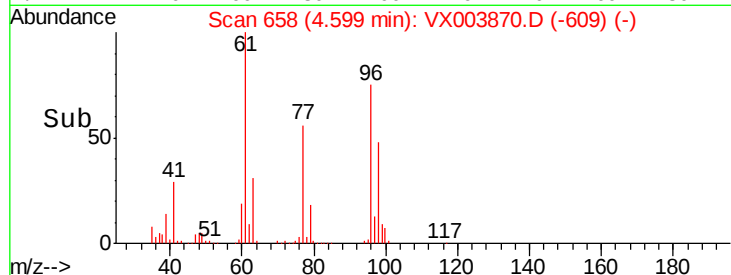
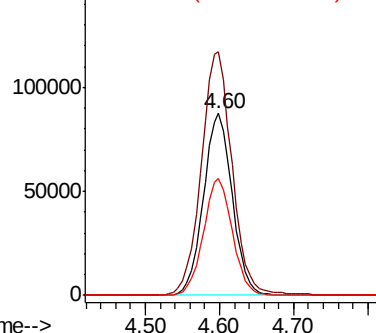


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

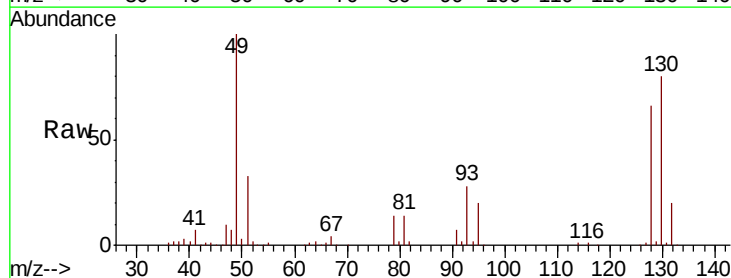
Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane
 Concen: 48.705 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VX003870.D
 Acq: 06 Aug 2018 19:07

Tgt Ion	49	Resp	173607
Ion	Ratio	Lower	Upper
49	100		
129	2.1	0.0	4.2
130	82.5	66.5	99.7

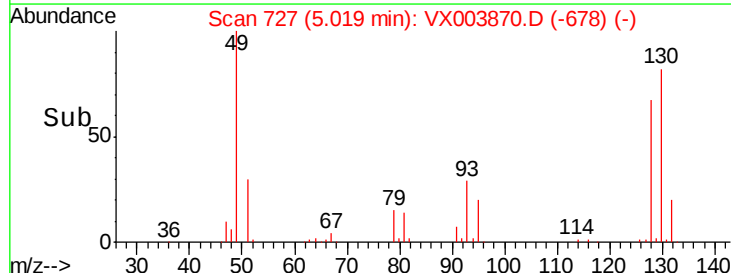
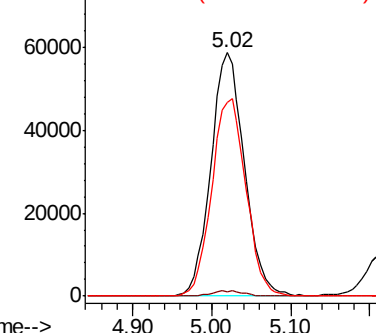


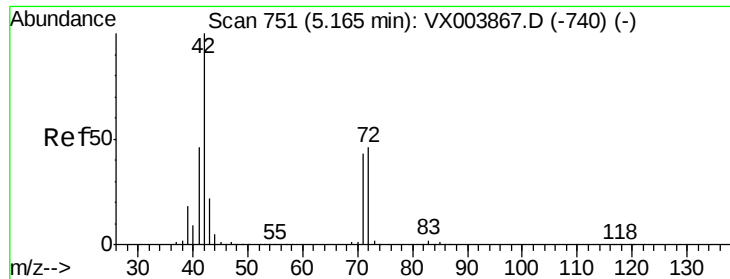
Abundance

Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 248.520 ug/l

RT: 5.17 min Scan# 751

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080618

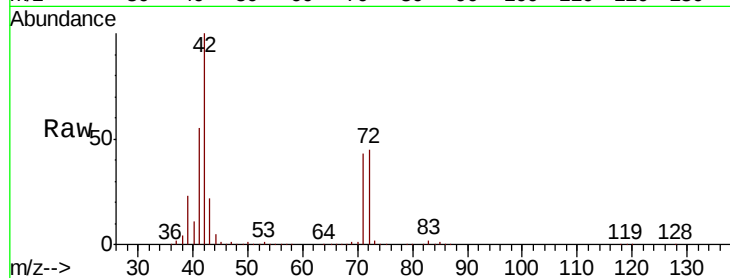
Tot Ion: 42 Resp: 558408

Ion Ratio Lower Upper

42 100

72 47.1 37.7 56.5

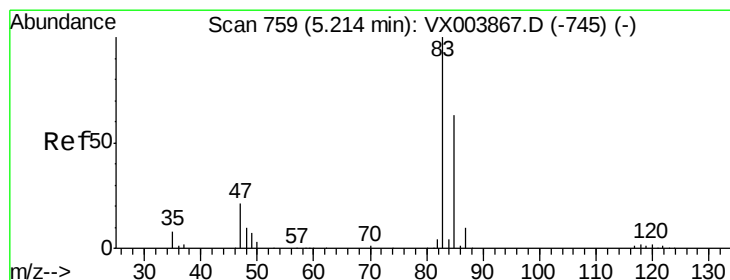
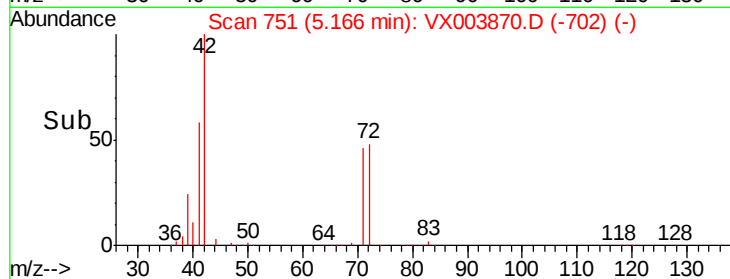
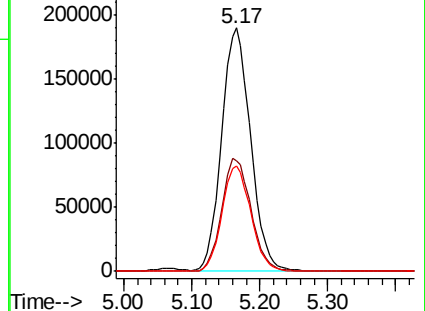
71 43.3 35.0 52.6



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 48.352 ug/l

RT: 5.21 min Scan# 759

Delta R.T. 0.00 min

Lab File: VX003870.D

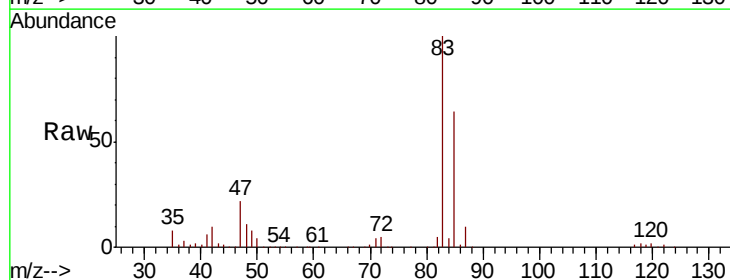
Acq: 06 Aug 2018 19:07

Tgt Ion: 83 Resp: 379162

Ion Ratio Lower Upper

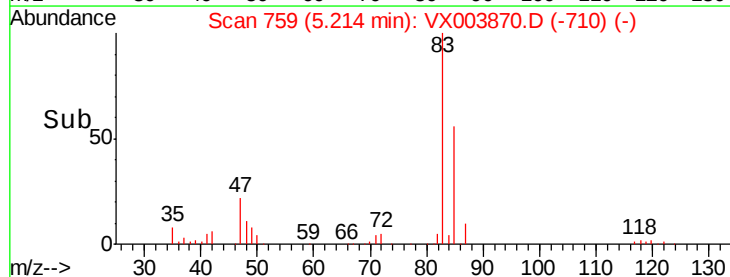
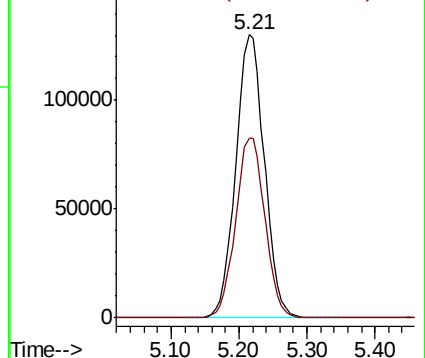
83 100

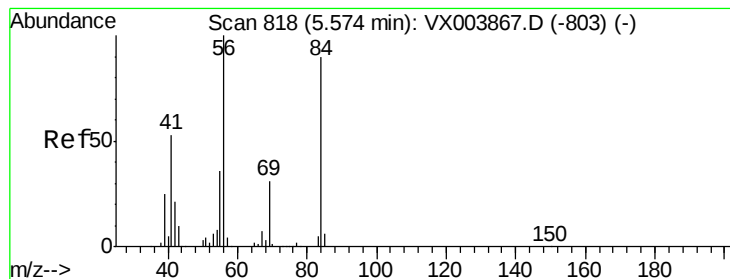
85 63.6 50.7 76.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 49.569 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080618

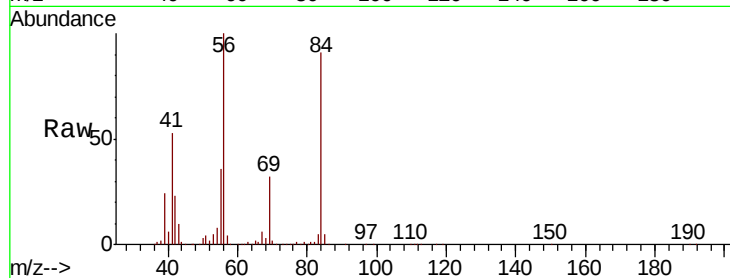
Tot Ion: 56 Resp: 349177

Ion Ratio Lower Upper

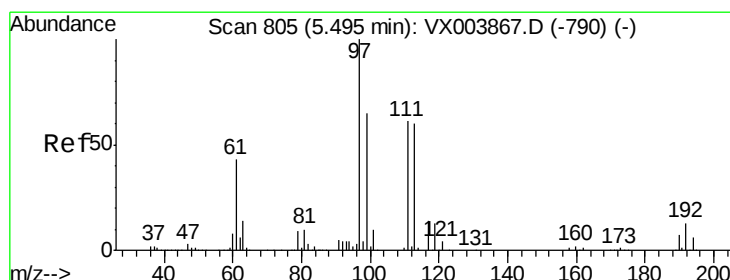
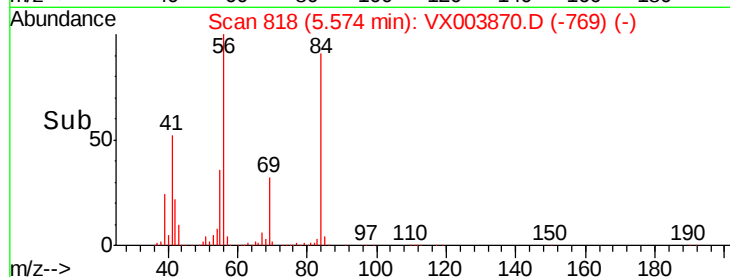
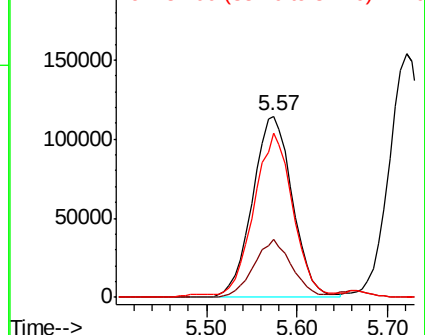
56 100

69 31.8 24.9 37.3

84 89.2 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: 49.637 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

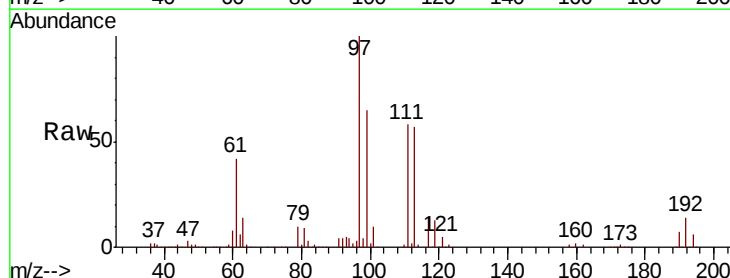
Tgt Ion: 97 Resp: 326403

Ion Ratio Lower Upper

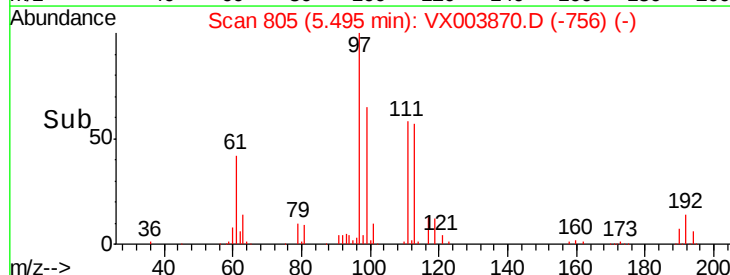
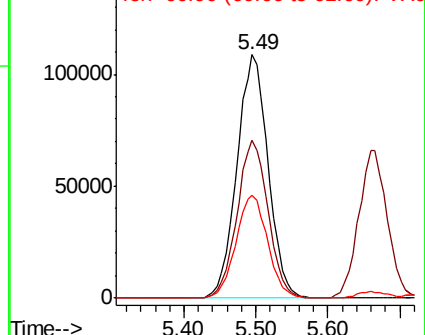
97 100

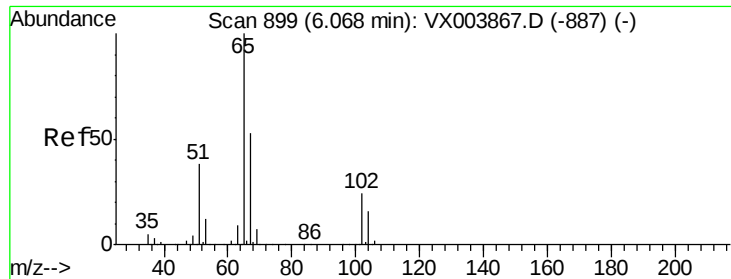
99 64.5 51.8 77.8

61 43.1 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

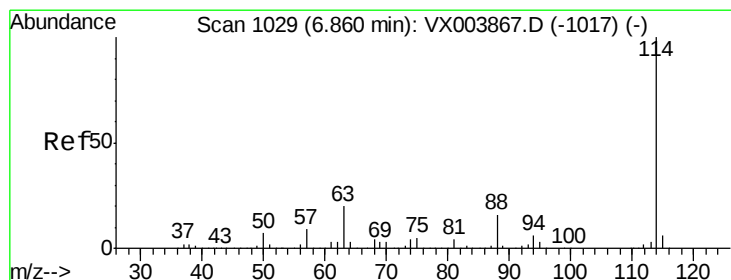
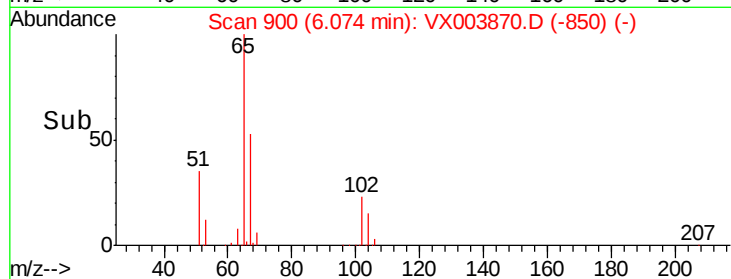
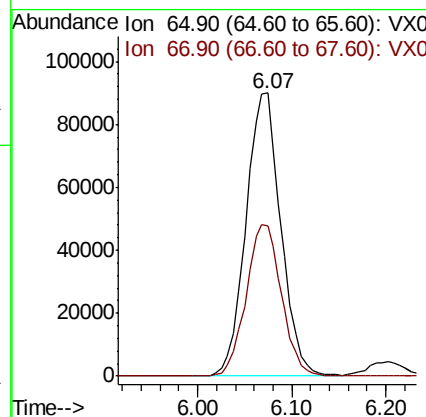
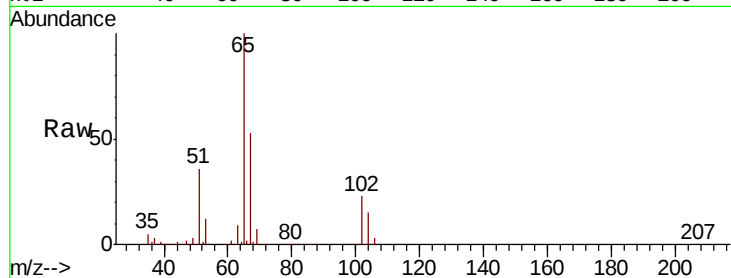




#33
 1,2-Dichloroethane-d4
 Concen: 47.639 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.01 min
 Lab File: VX003870.D
 Acq: 06 Aug 2018 19:07

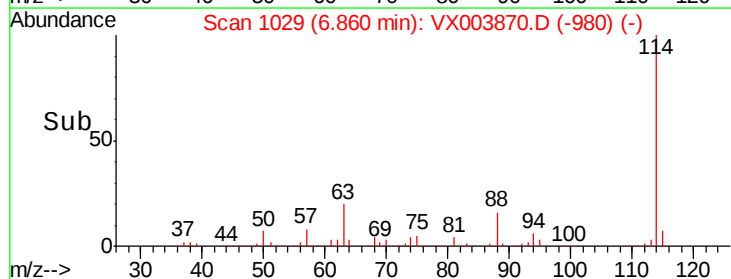
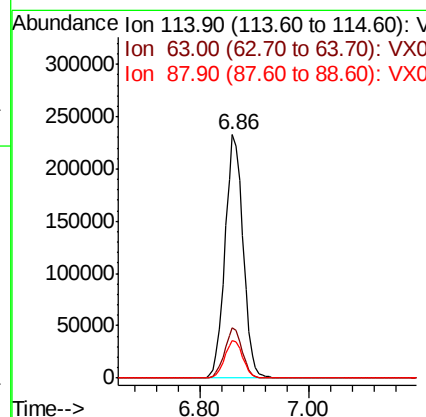
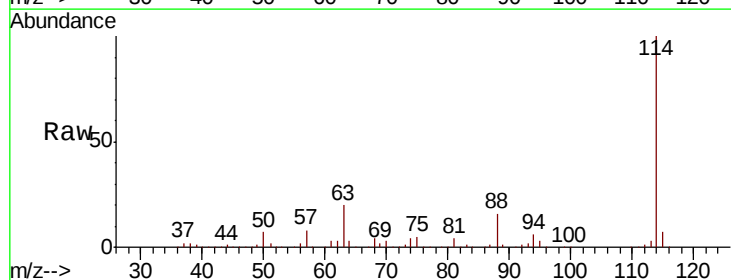
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080618

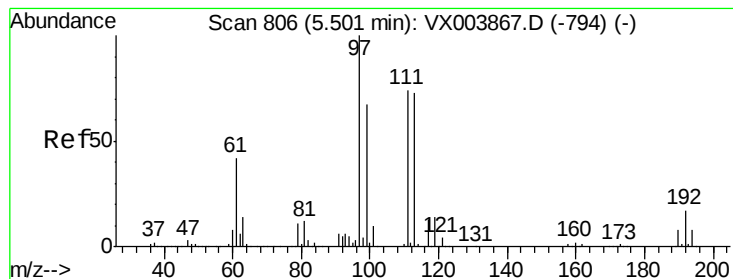
Tot Ion: 65 Resp: 232832
 Ion Ratio Lower Upper
 65 100
 67 54.3 0.0 105.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: VX003870.D
 Acq: 06 Aug 2018 19:07

Tgt Ion: 114 Resp: 535502
 Ion Ratio Lower Upper
 114 100
 63 20.4 0.0 39.0
 88 15.6 0.0 32.0





#35

Dibromofluoromethane

Concen: 49.160 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080618

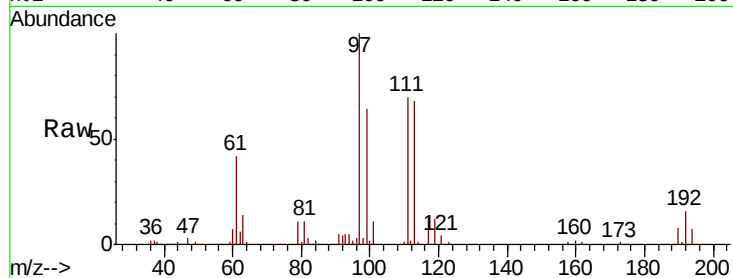
Tot Ion:113 Resp: 199436

Ion Ratio Lower Upper

113 100

111 103.2 82.0 123.0

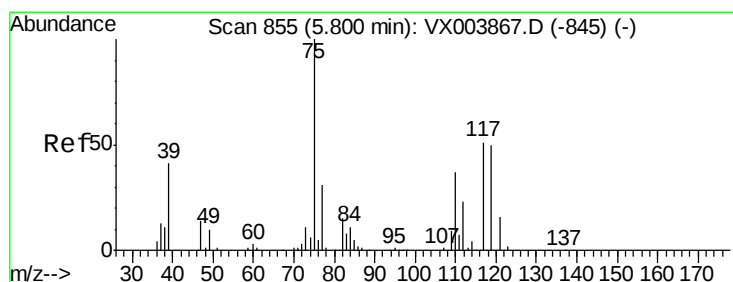
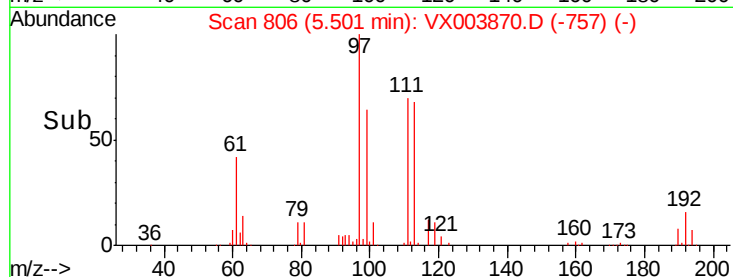
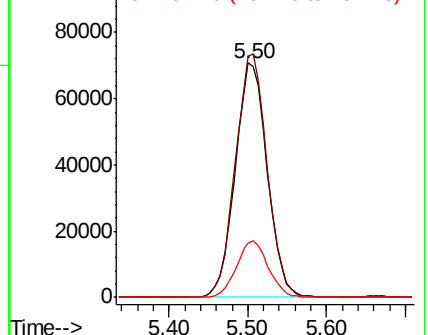
192 24.0 19.0 28.4



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 48.221 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

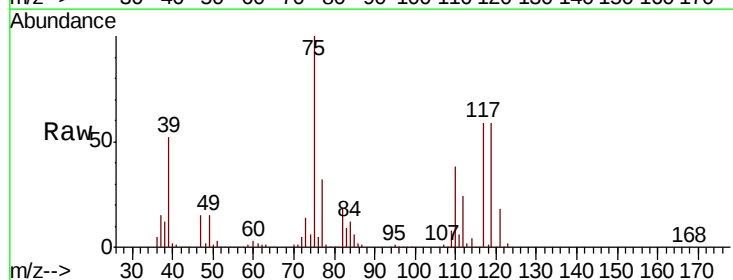
Tgt Ion: 75 Resp: 289216

Ion Ratio Lower Upper

75 100

110 37.1 18.2 54.6

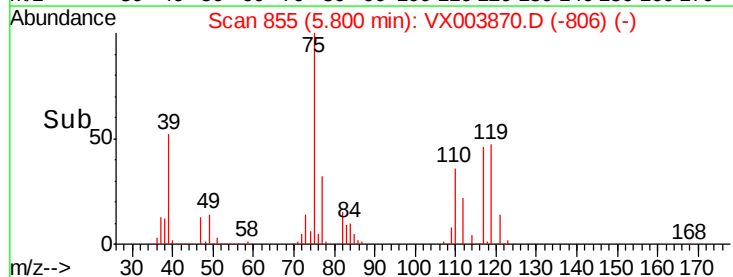
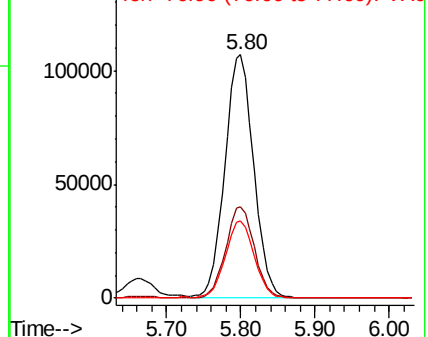
77 31.8 25.0 37.4



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

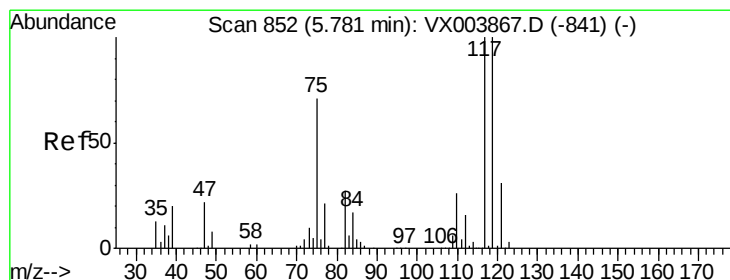
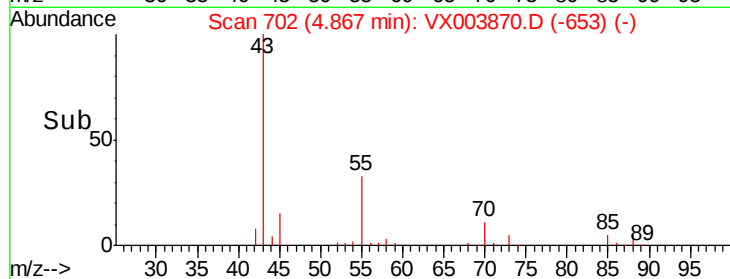
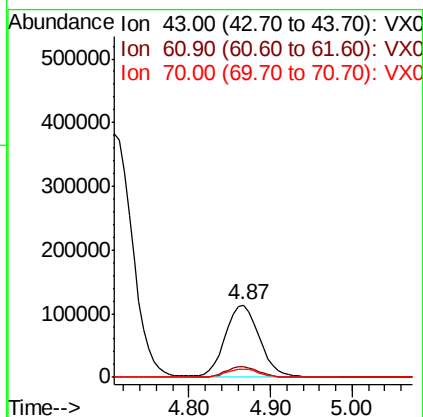
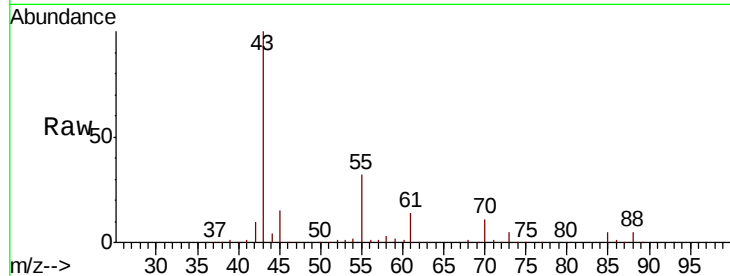




#37
Ethyl Acetate
Concen: 49.776 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

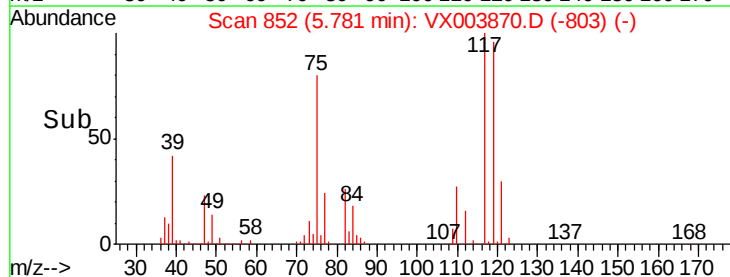
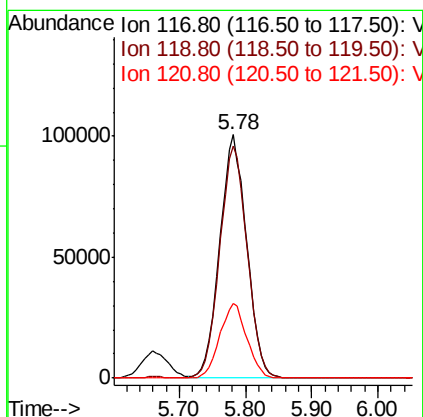
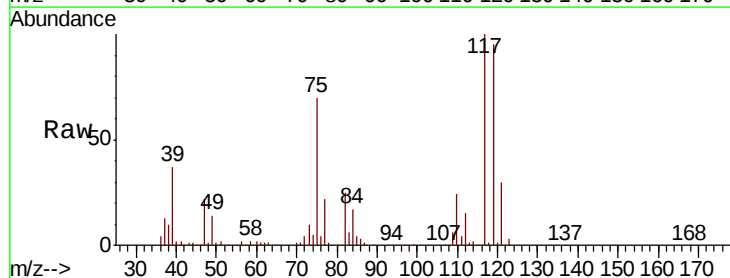
Instrument :
MSVOA_X
ClientSampleId :
ICVVX080618

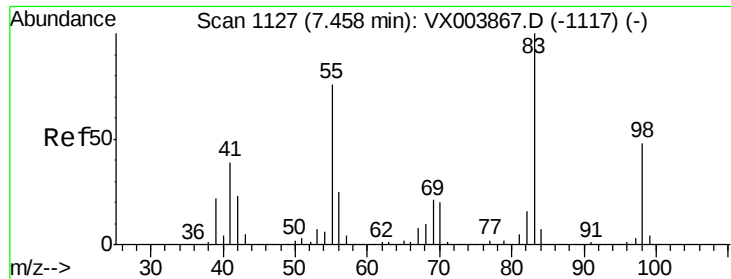
Tot Ion	43	Resp	328408
Ion Ratio	Lower	Upper	
43	100		
61	14.7	11.5	17.3
70	11.6	9.0	13.4



#38
Carbon Tetrachloride
Concen: 49.635 ug/l
RT: 5.78 min Scan# 852
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion	117	Resp	283340
Ion Ratio	Lower	Upper	
117	100		
119	95.2	79.5	119.3
121	30.4	25.0	37.4

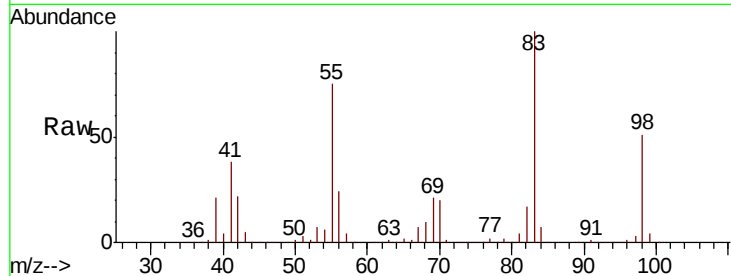




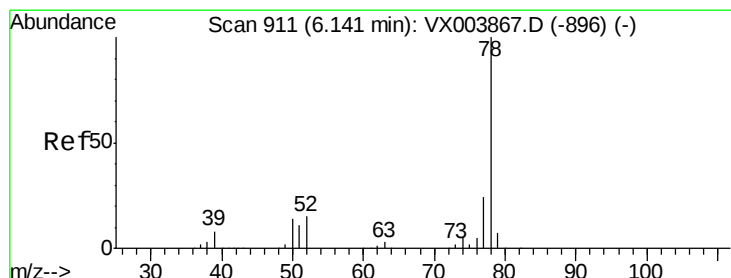
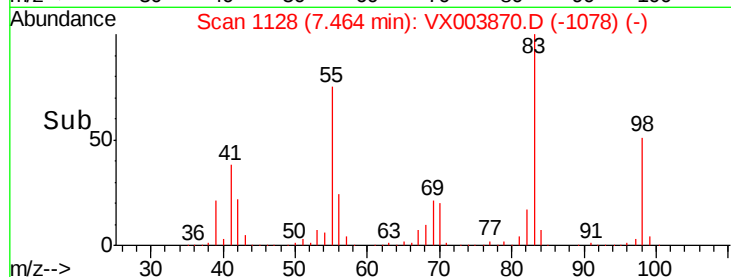
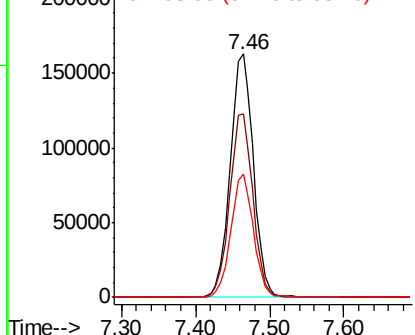
#39
Methvlcvclohexane
Concen: 50.322 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.01 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Instrument :
MSVOA_X
ClientSampleId :
ICVVX080618

Tot Ion: 83 Resp: 355842
Ion Ratio Lower Upper
83 100
55 75.3 61.0 91.6
98 50.6 38.6 57.8

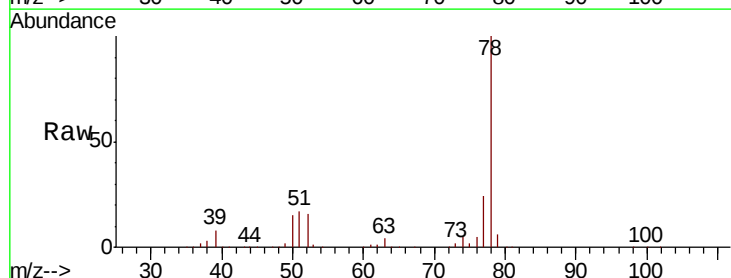


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

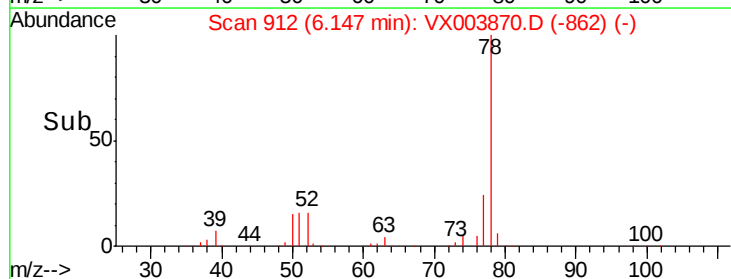
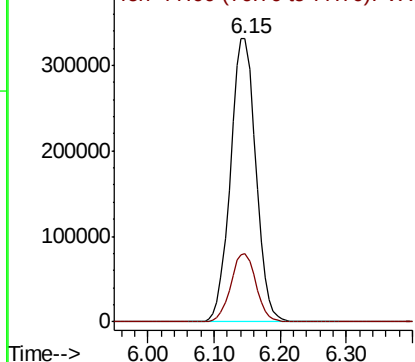


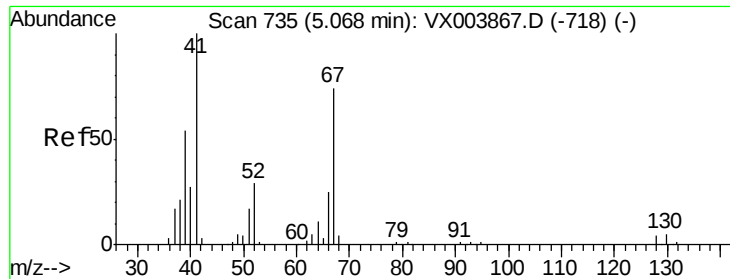
#40
Benzene
Concen: 48.869 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 78 Resp: 880111
Ion Ratio Lower Upper
78 100
77 24.3 19.0 28.4



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





#41

Methacrylonitrile

Concen: 50.275 ug/l

RT: 5.06 min Scan# 734

Delta R.T. -0.01 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080618

Tot Ion: 41 Resp: 182674

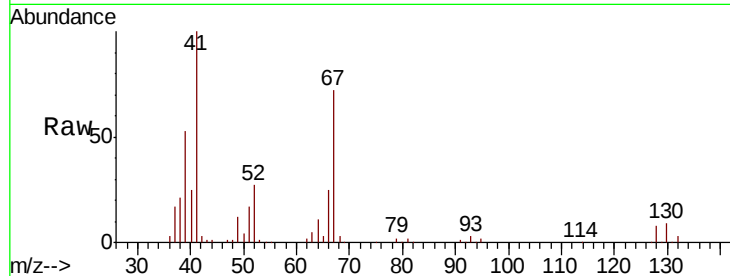
Ion Ratio Lower Upper

41 100

39 52.5 42.7 64.1

67 73.5 58.9 88.3

52 27.8 22.6 33.8

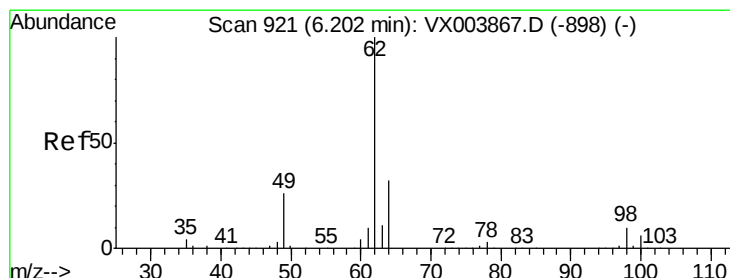
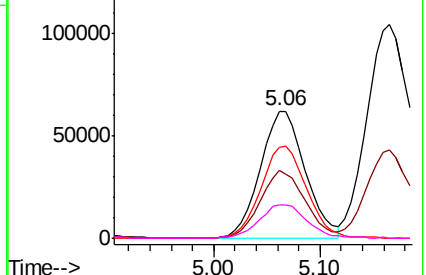
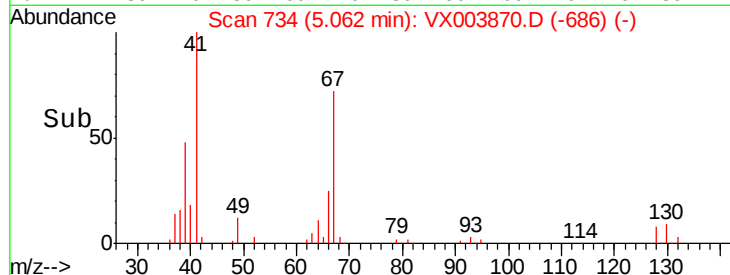


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#42

1,2-Dichloroethane

Concen: 48.627 ug/l

RT: 6.20 min Scan# 920

Delta R.T. -0.01 min

Lab File: VX003870.D

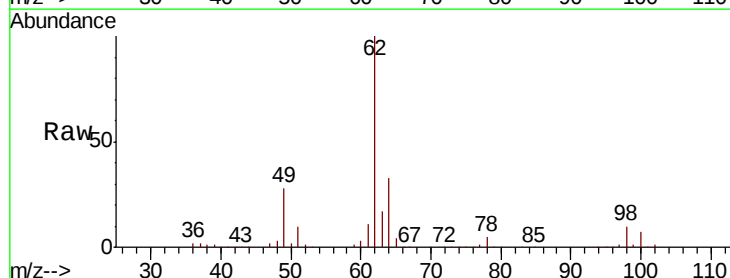
Acq: 06 Aug 2018 19:07

Tgt Ion: 62 Resp: 296120

Ion Ratio Lower Upper

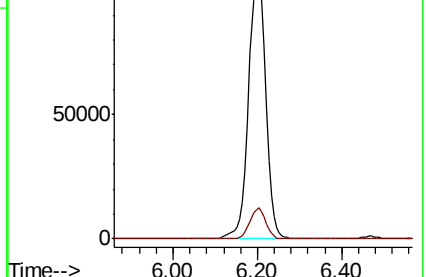
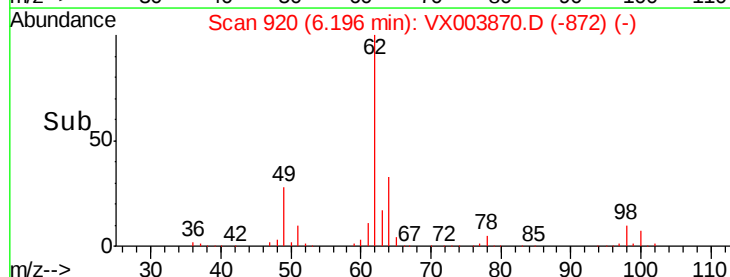
62 100

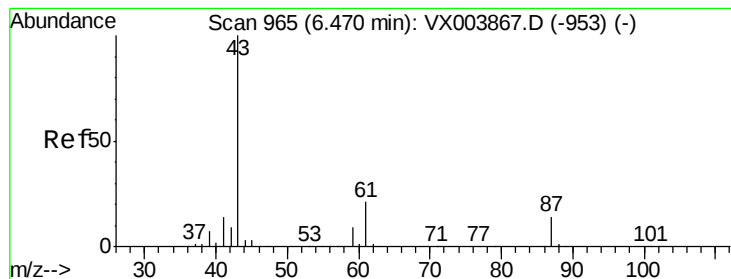
98 10.5 0.0 20.4



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#43

Isopropyl Acetate

Concen: 50.687 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080618

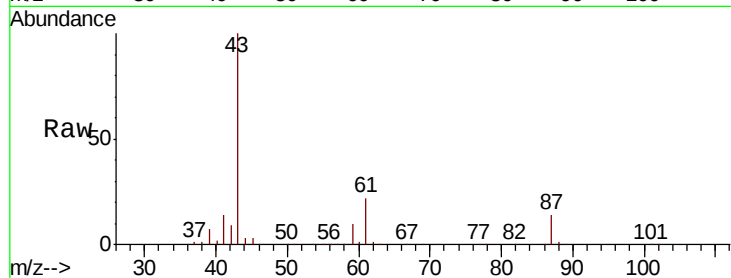
Tot Ion: 43 Resp: 503238

Ion Ratio Lower Upper

43 100

61 21.3 16.9 25.3

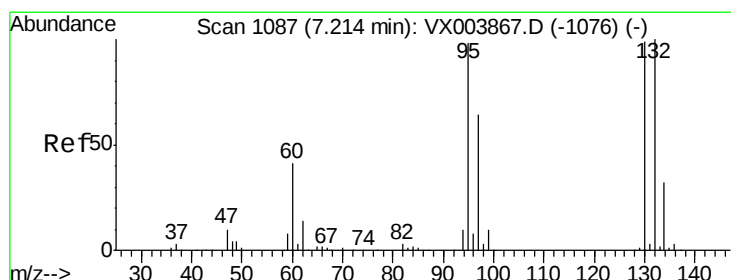
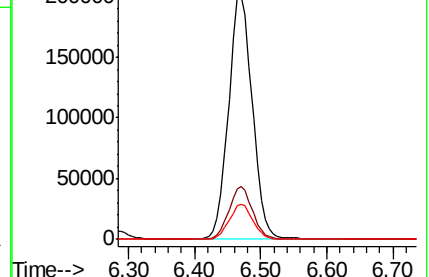
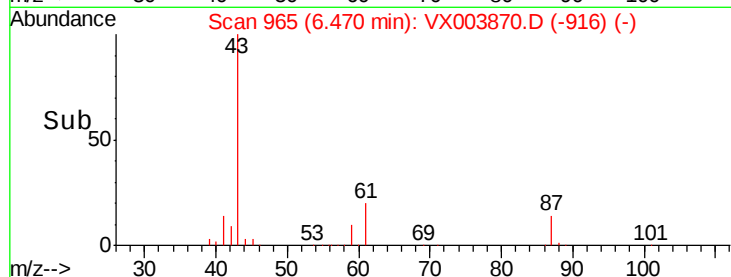
87 14.3 11.3 16.9



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: 48.877 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. 0.00 min

Lab File: VX003870.D

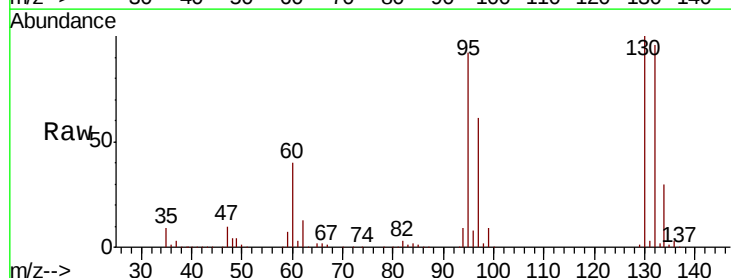
Acq: 06 Aug 2018 19:07

Tgt Ion:130 Resp: 240736

Ion Ratio Lower Upper

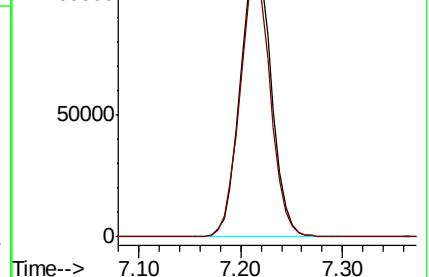
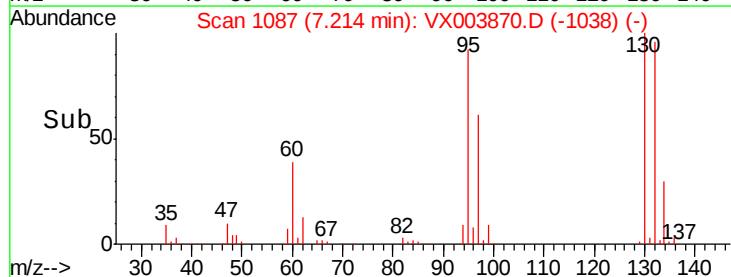
130 100

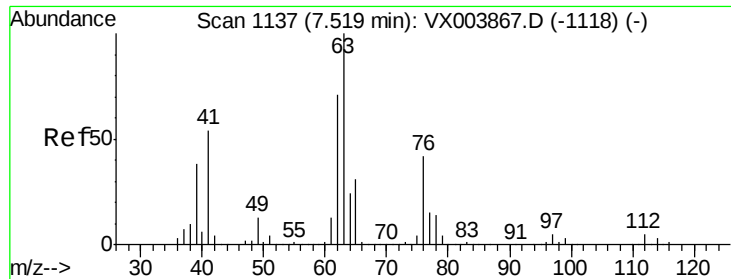
95 92.4 0.0 199.4



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

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

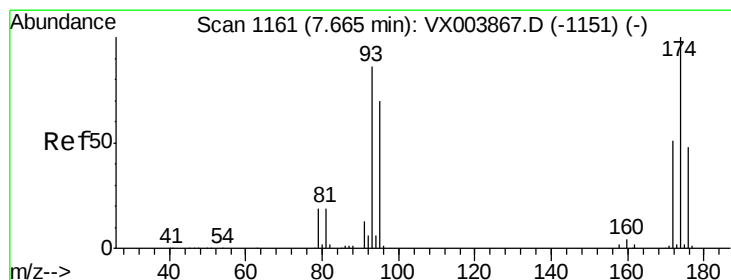
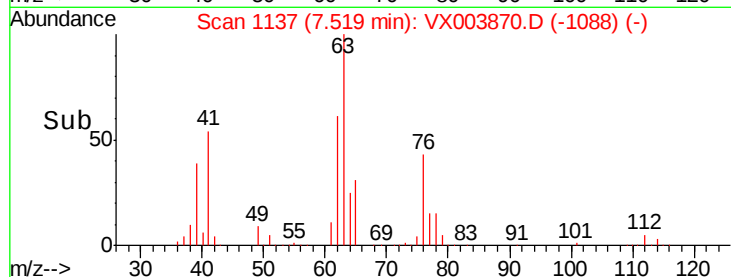
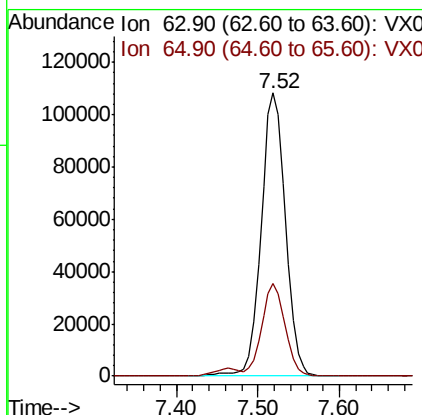
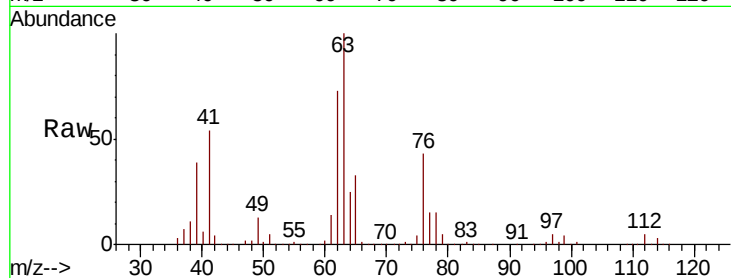




#45
 1,2-Dichloropropane
 Concen: 48.411 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003870.D
 Acq: 06 Aug 2018 19:07

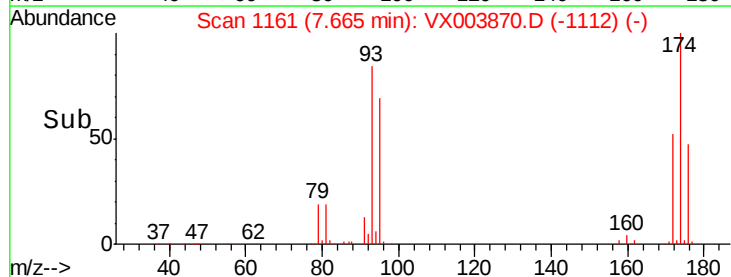
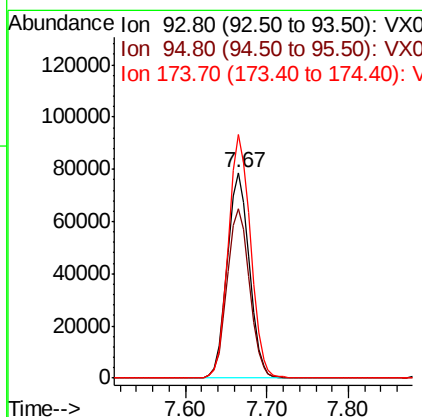
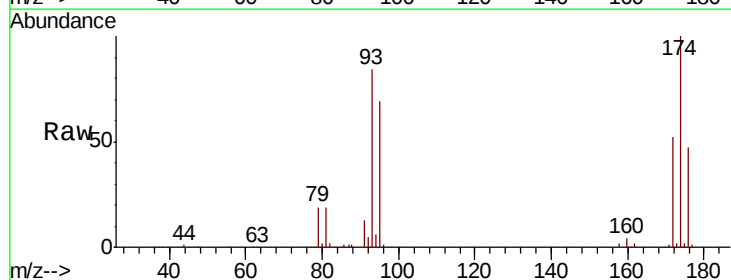
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080618

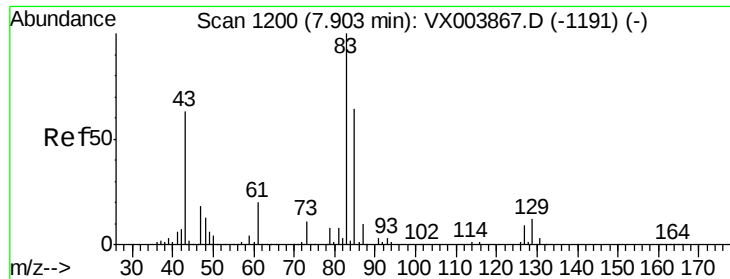
Tot Ion: 63 Resp: 225144
 Ion Ratio Lower Upper
 63 100
 65 32.6 24.6 36.8



#46
 Dibromomethane
 Concen: 48.485 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003870.D
 Acq: 06 Aug 2018 19:07

Tgt Ion: 93 Resp: 146392
 Ion Ratio Lower Upper
 93 100
 95 83.8 66.4 99.6
 174 119.0 94.3 141.5





#47

Bromodichloromethane

Concen: 49.970 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080618

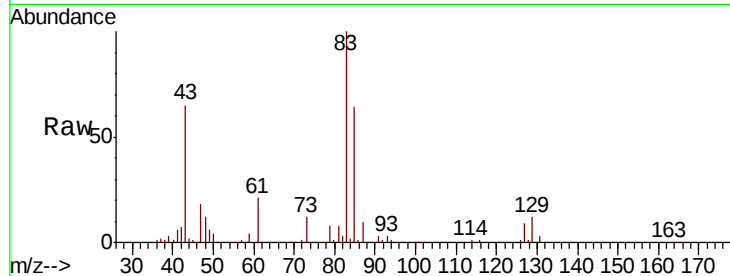
Tot Ion: 83 Resp: 284228

Ion Ratio Lower Upper

83 100

85 64.0 51.2 76.8

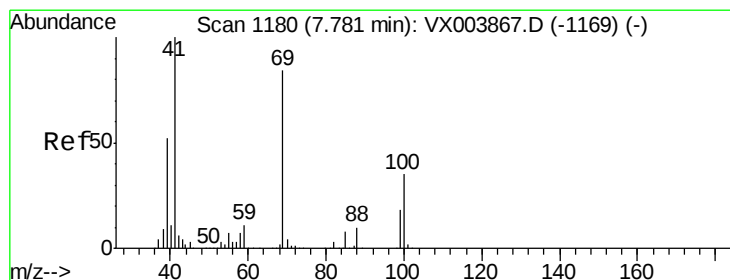
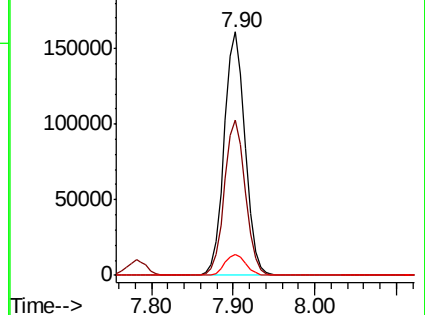
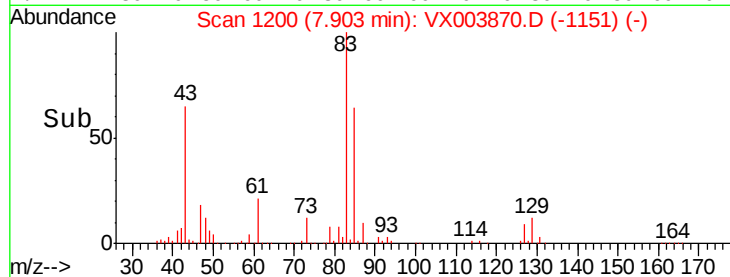
127 8.8 7.2 10.8



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: 52.070 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

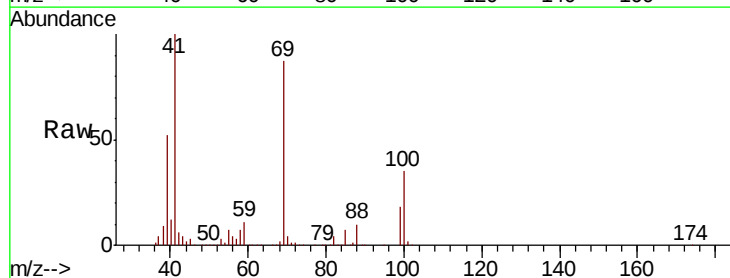
Tgt Ion: 41 Resp: 262787

Ion Ratio Lower Upper

41 100

69 87.6 68.8 103.2

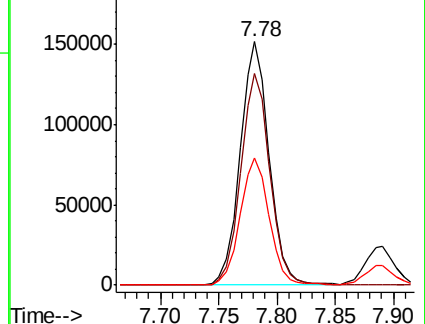
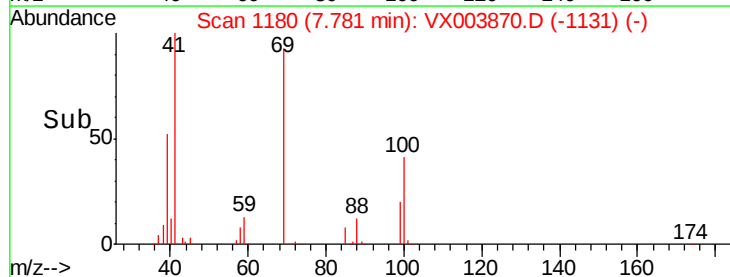
39 52.6 42.3 63.5

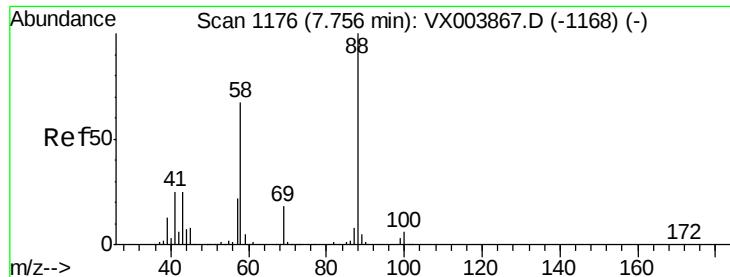


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

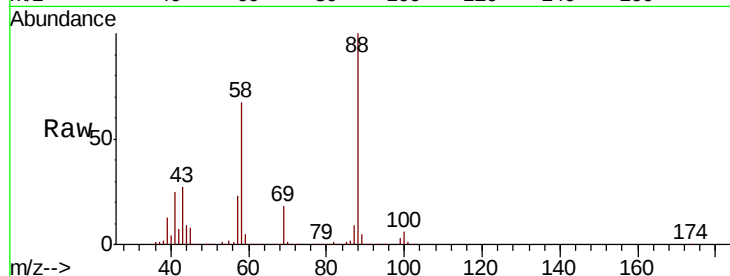




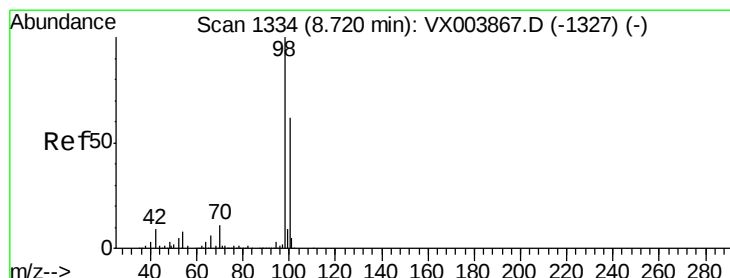
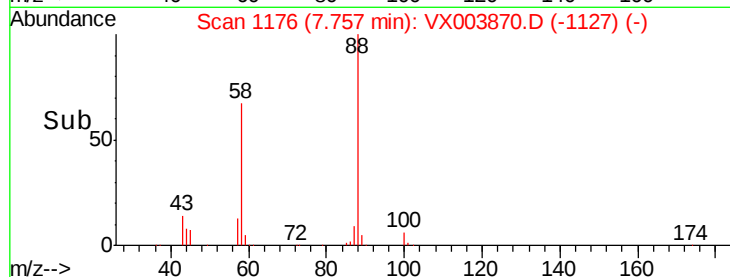
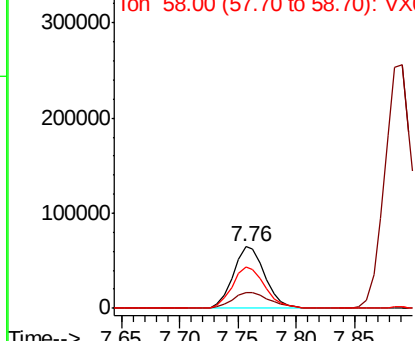
#49
1,4-Dioxane
Concen: 1040.712 ug/l
RT: 7.76 min Scan# 1176
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Instrument :
MSVOA_X
ClientSampleId :
ICVVX080618

Tot Ion	Ratio	Lower	Upper
88	100		
43	29.9	23.8	35.8
58	68.8	55.4	83.0

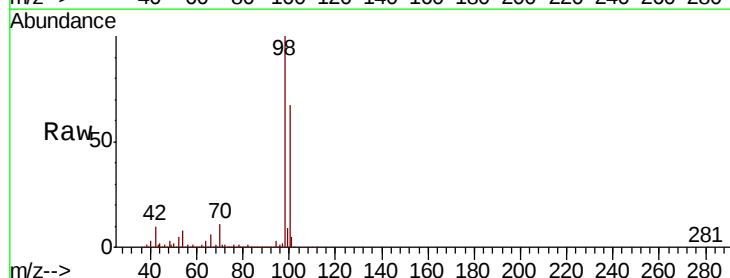


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

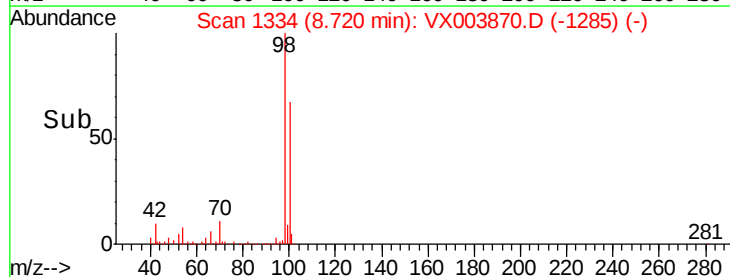
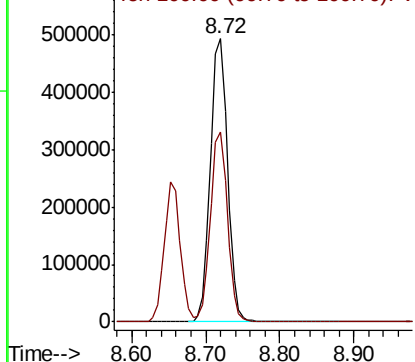


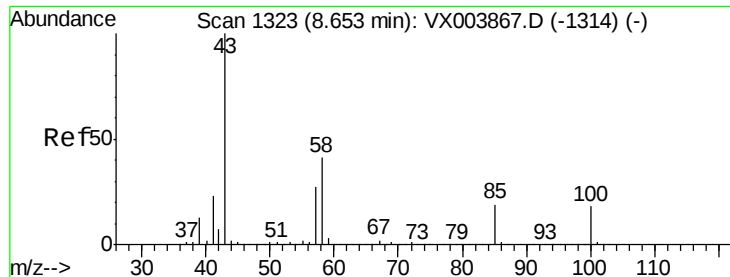
#50
Toluene-d8
Concen: 49.564 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion	Ratio	Lower	Upper
98	100		
100	66.8	53.3	79.9



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





#51

4-Methyl-2-Pentanone

Concen: 259.068 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

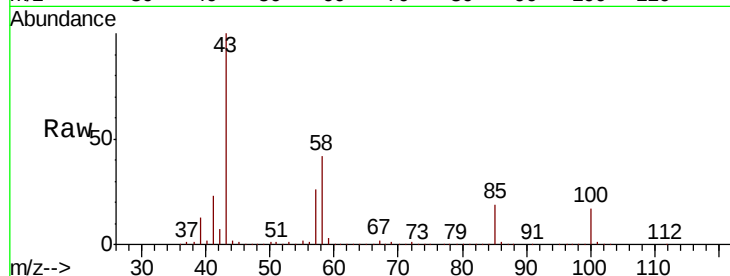
ICVVX080618

Tot Ion: 43 Resp: 2131985

Ion Ratio Lower Upper

43 100

58 41.6 33.0 49.6



Abundance Ion 43.00 (42.70 to 43.70): VX003867.D (-1314) (-)

Ion 58.00 (57.70 to 58.70): VX003867.D (-1314) (-)

8.65

1500000

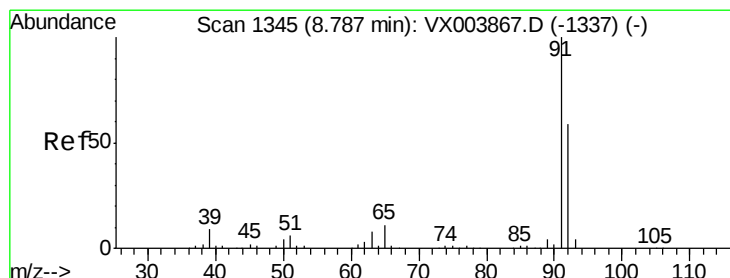
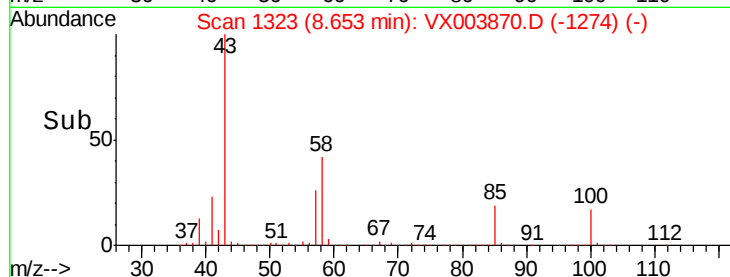
1000000

500000

0

8.60 8.70 8.80

Time-->



#52

Toluene

Concen: 50.088 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003870.D

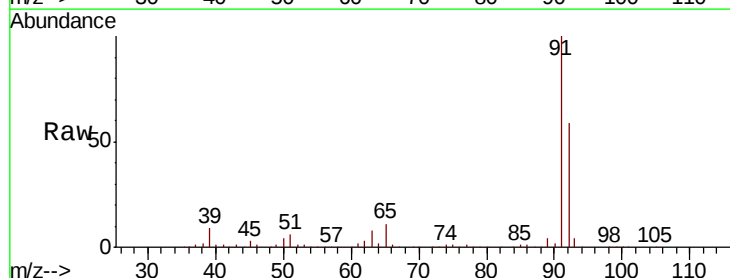
Acq: 06 Aug 2018 19:07

Tgt Ion: 92 Resp: 569981

Ion Ratio Lower Upper

92 100

91 168.7 136.1 204.1



Abundance Ion 92.00 (91.70 to 92.70): VX003867.D (-1337) (-)

Ion 91.00 (90.70 to 91.70): VX003867.D (-1337) (-)

8.79

600000

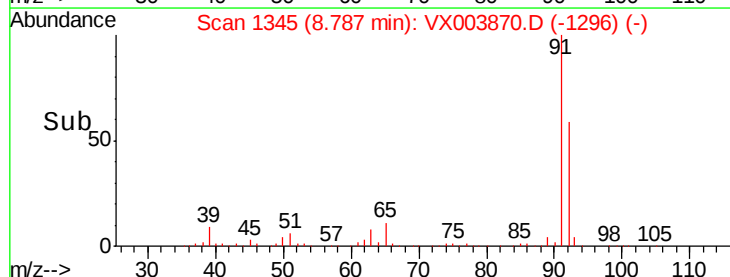
400000

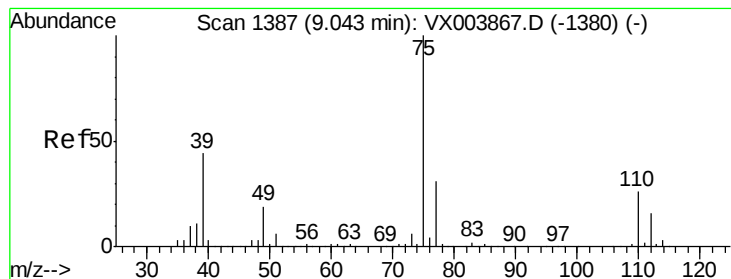
200000

0

8.70 8.80 8.90 9.00

Time-->





#53

t-1,3-Dichloropropene

Concen: 51.585 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

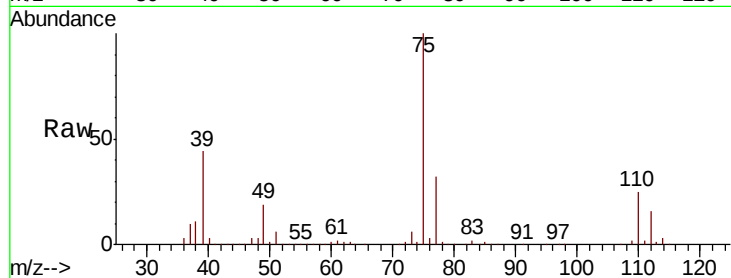
ICVVX080618

Tot Ion: 75 Resp: 331649

Ion Ratio Lower Upper

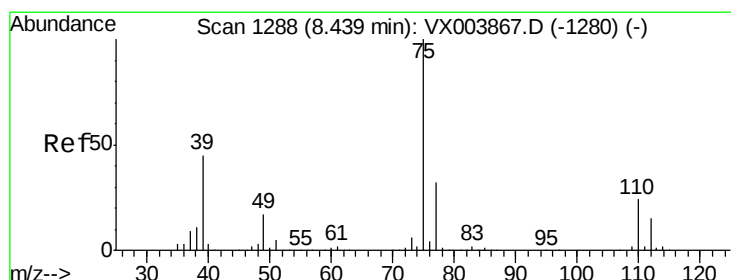
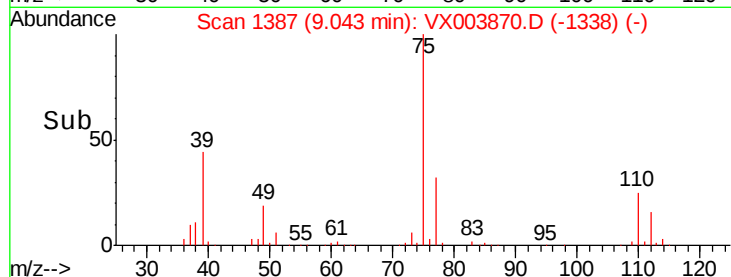
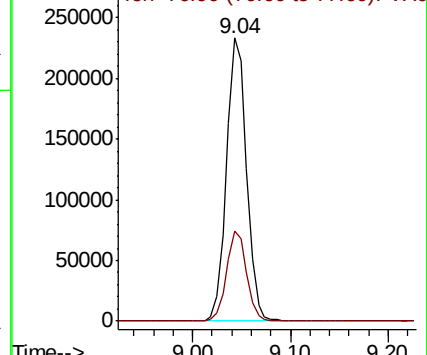
75 100

77 31.6 25.1 37.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 51.567 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

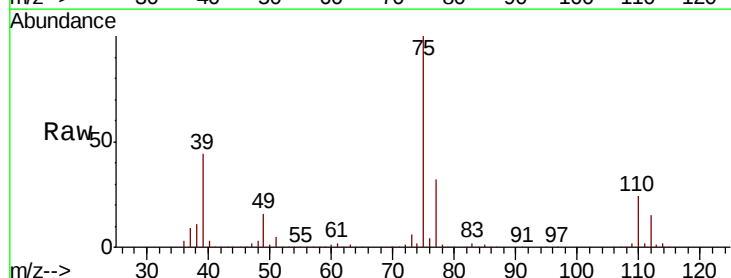
Tgt Ion: 75 Resp: 357480

Ion Ratio Lower Upper

75 100

77 32.0 25.3 37.9

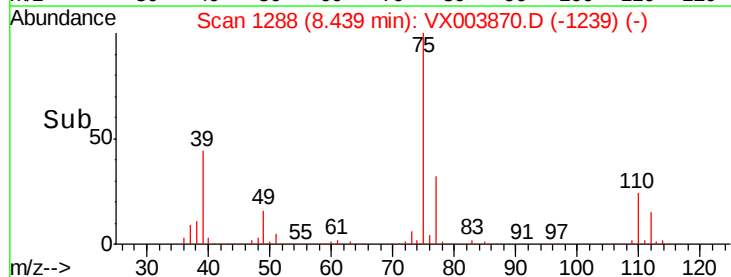
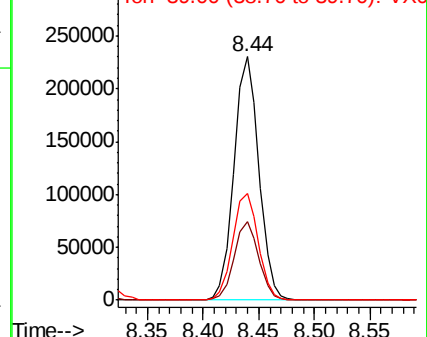
39 43.8 36.2 54.2

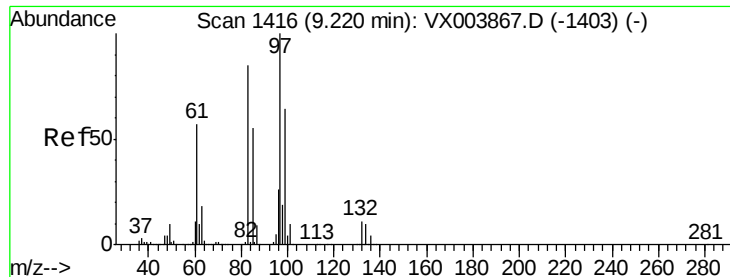


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0





#55

1,1,2-Trichloroethane

Concen: 49.291 ug/l

RT: 9.22 min Scan# 1416

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080618

Tot Ion: 97 Resp: 229209

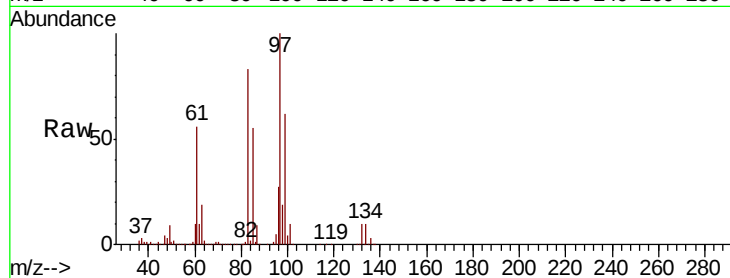
Ion Ratio Lower Upper

97 100

83 83.3 67.8 101.6

85 54.8 44.2 66.2

99 62.5 50.8 76.2

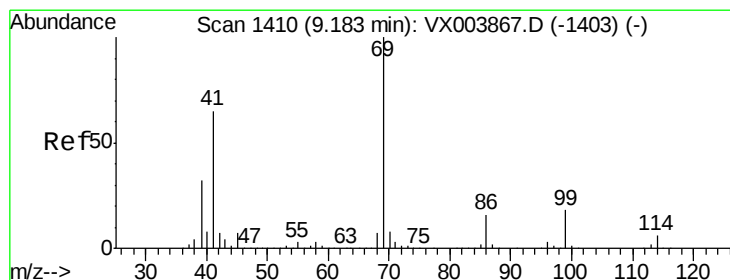
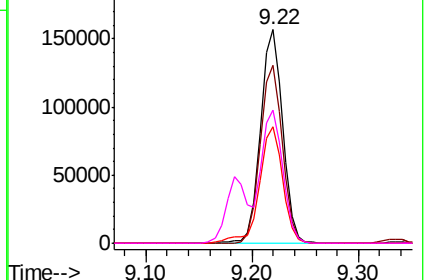
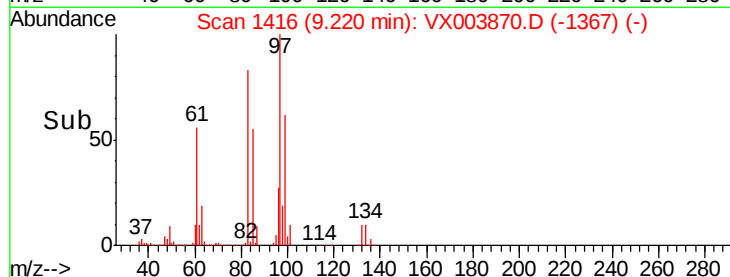


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 98.90 (98.60 to 99.60): VX0



#56

Ethyl methacrylate

Concen: 52.676 ug/l

RT: 9.18 min Scan# 1410

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

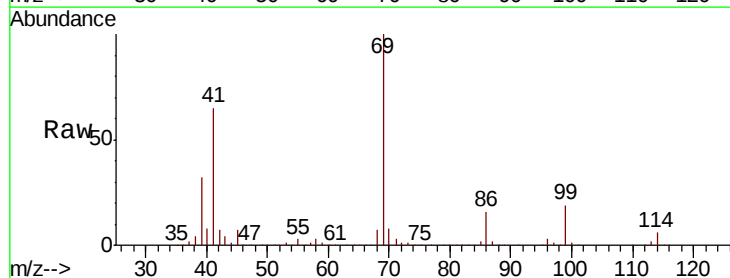
Tgt Ion: 69 Resp: 355389

Ion Ratio Lower Upper

69 100

41 63.3 50.6 76.0

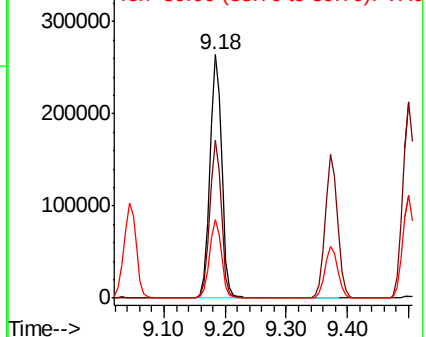
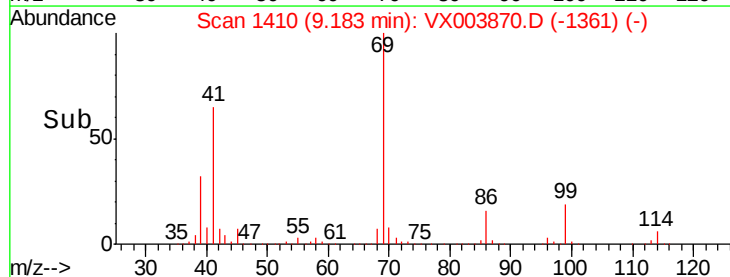
39 32.1 25.8 38.6

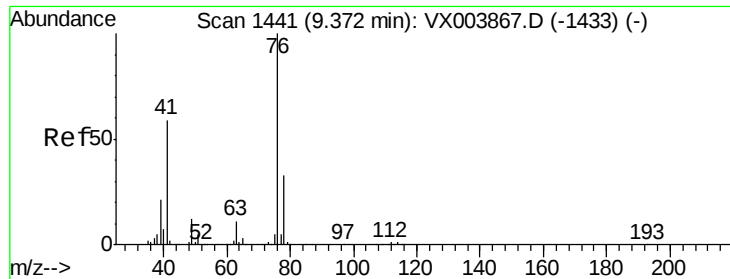


Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0





#57

1,3-Dichloropropane

Concen: 50.045 ug/l

RT: 9.37 min Scan# 1441

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

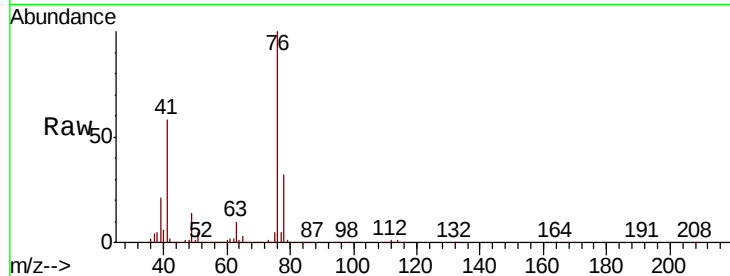
ICVVX080618

Tot Ion: 76 Resp: 389479

Ion Ratio Lower Upper

76 100

78 31.3 25.9 38.9



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

9.37

250000

200000

150000

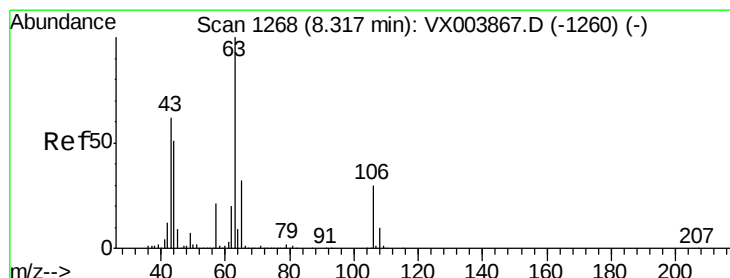
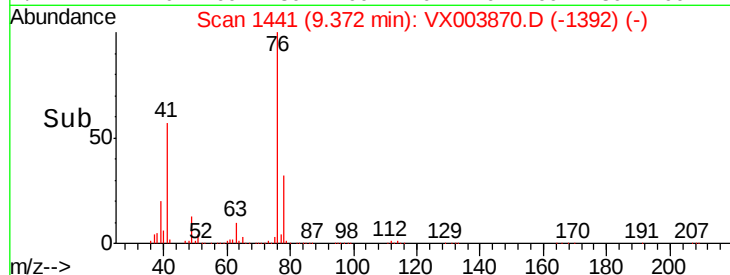
100000

50000

0

9.30 9.35 9.40 9.45 9.50

Time-->



#58

2-Chloroethyl Vinyl ether

Concen: 267.600 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX003870.D

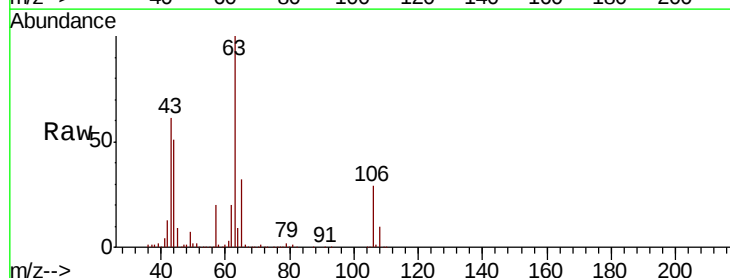
Acq: 06 Aug 2018 19:07

Tgt Ion: 63 Resp: 887787

Ion Ratio Lower Upper

63 100

106 29.8 23.8 35.8



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

8.32

600000

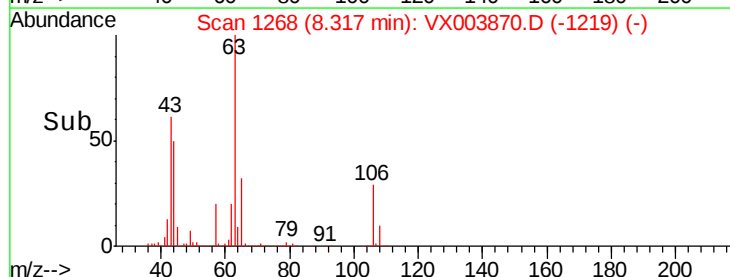
400000

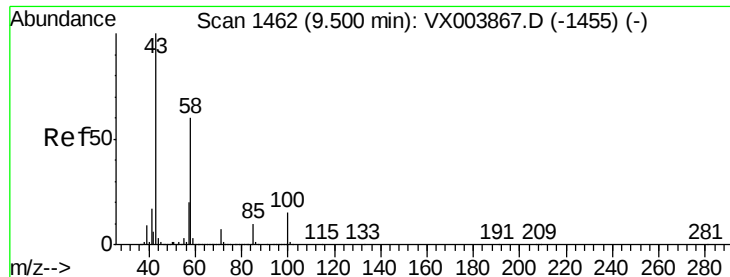
200000

0

8.20 8.30 8.40

Time-->

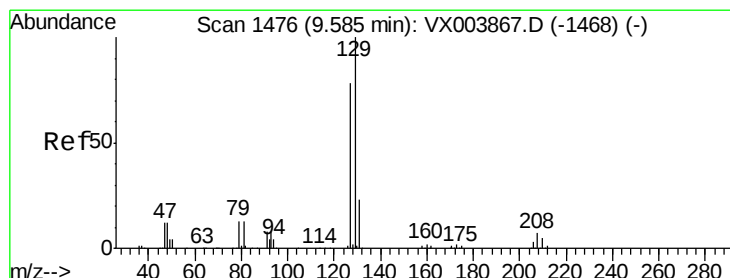
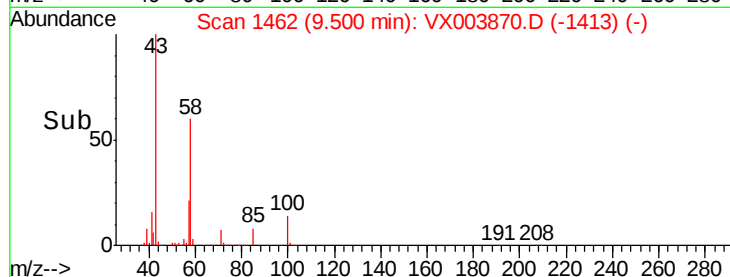
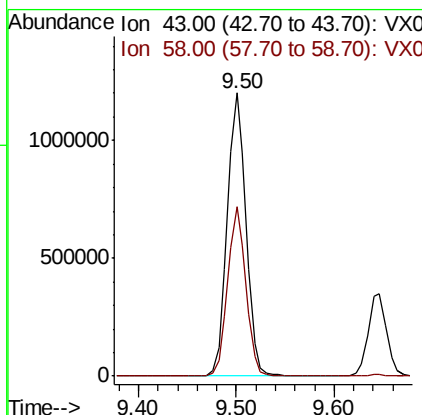
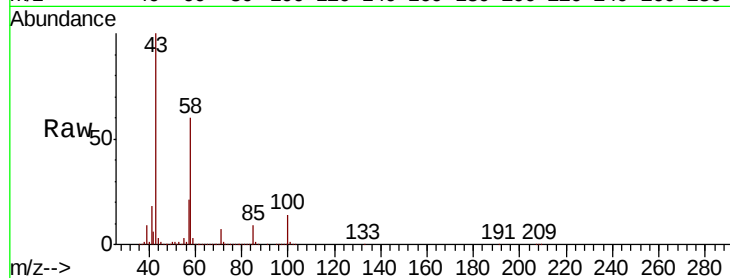




#59
2-Hexanone
Concen: 259.987 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

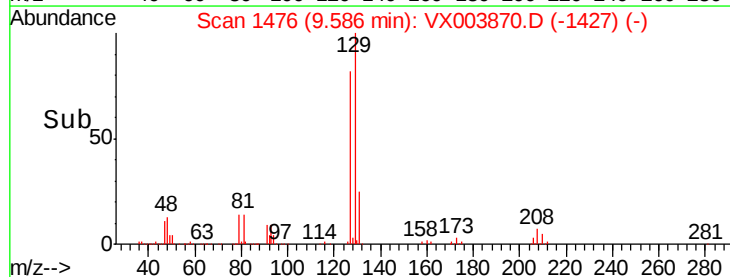
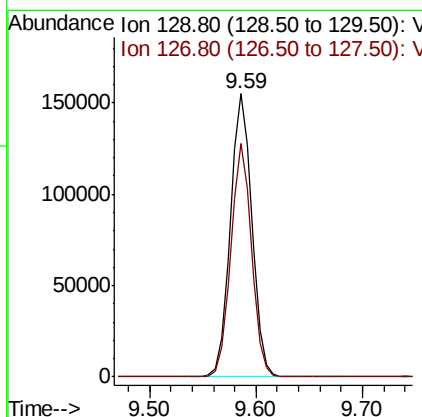
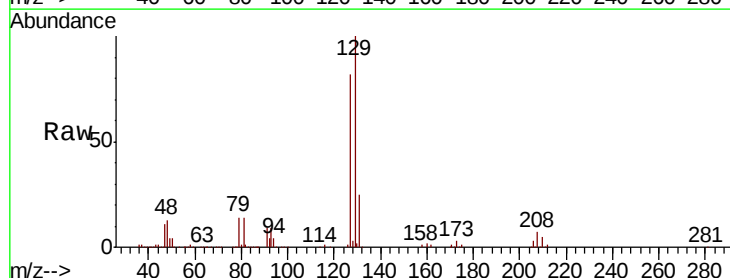
Instrument :
MSVOA_X
ClientSampleId :
ICVVX080618

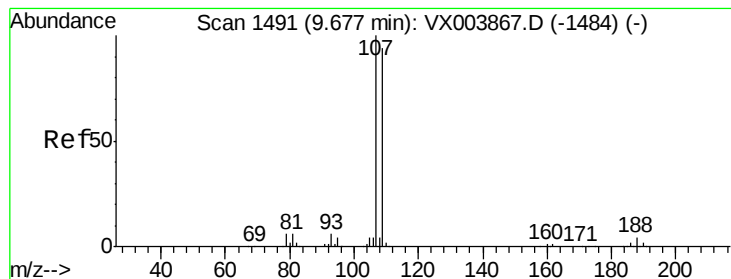
Tot Ion: 43 Resp: 1599305
Ion Ratio Lower Upper
43 100
58 58.2 29.0 87.0



#60
Dibromochloromethane
Concen: 50.791 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 129 Resp: 220206
Ion Ratio Lower Upper
129 100
127 79.5 38.8 116.3





#61

1,2-Dibromoethane

Concen: 50.917 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

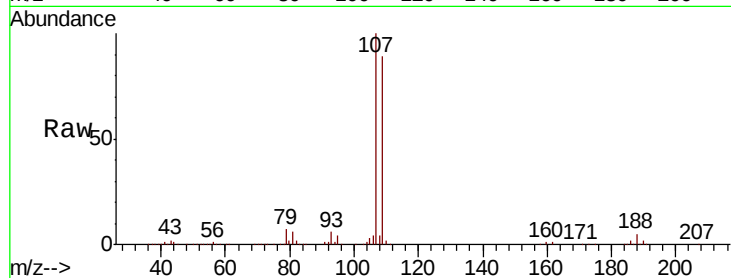
ICVVX080618

Tot Ion:107 Resp: 237055

Ion Ratio Lower Upper

107 100

109 91.1 75.8 113.8



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

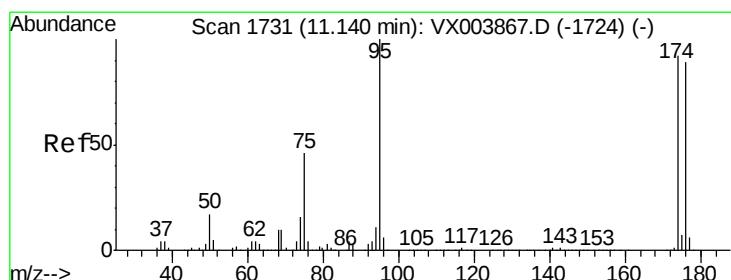
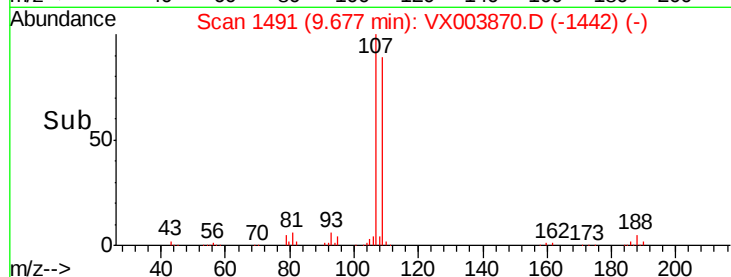
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 52.721 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

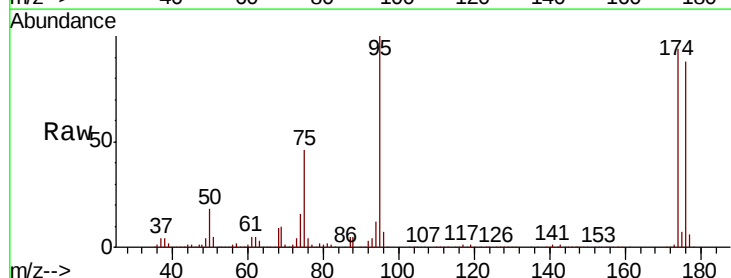
Tgt Ion: 95 Resp: 269127

Ion Ratio Lower Upper

95 100

174 91.1 0.0 182.8

176 88.6 0.0 179.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

11.14

300000

250000

200000

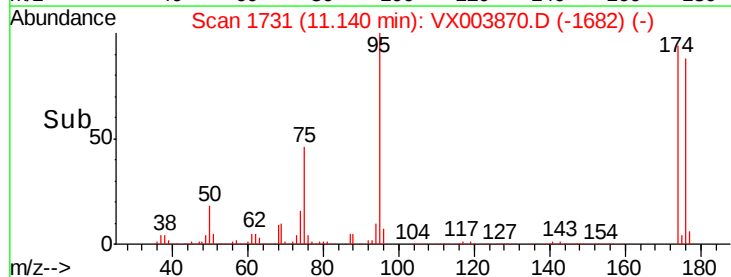
150000

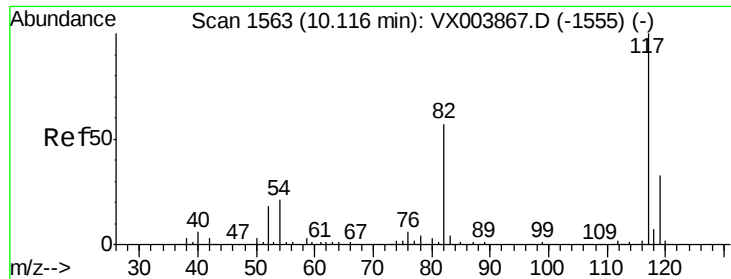
100000

50000

0

Time-->

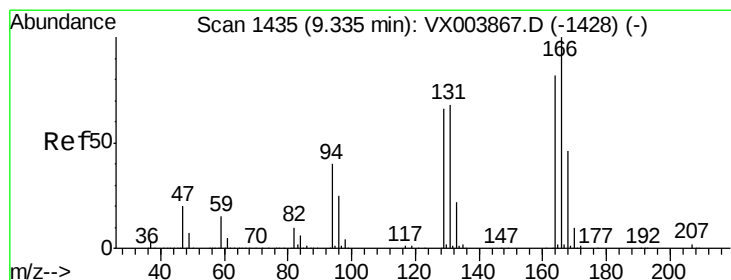
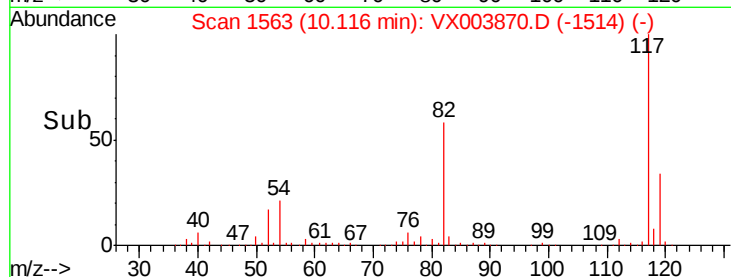
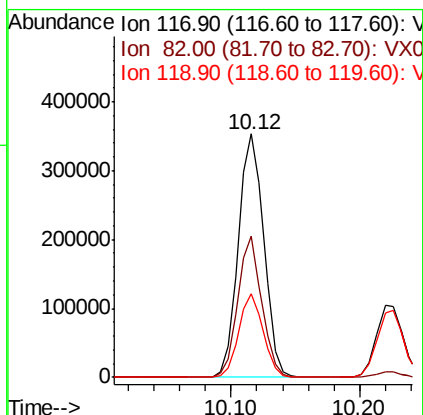
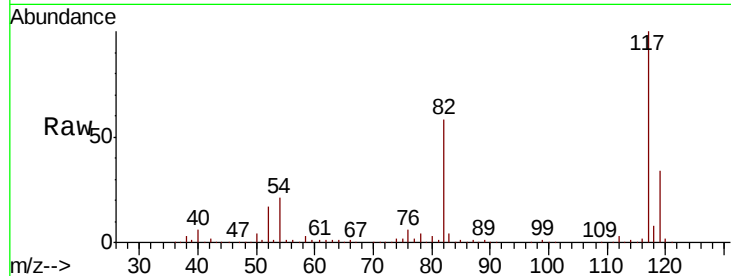




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

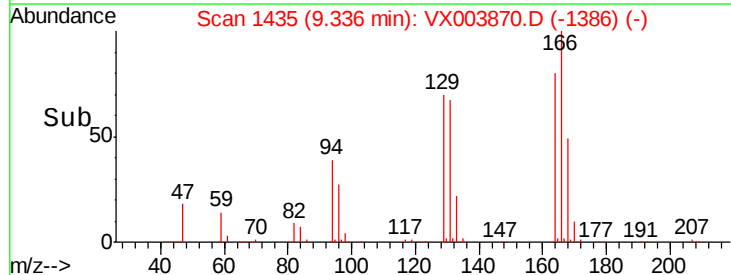
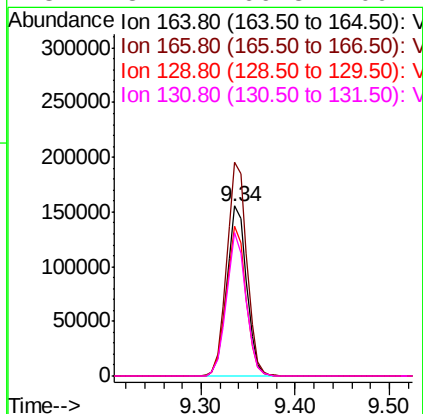
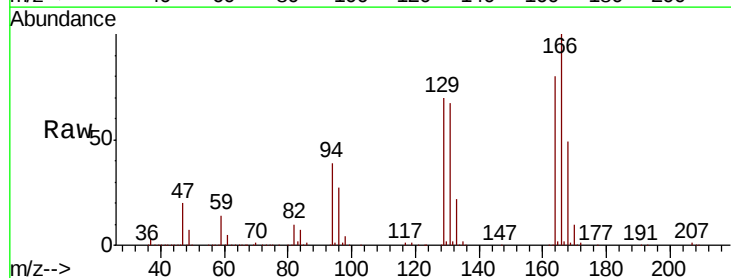
Instrument :
MSVOA_X
ClientSampleId :
ICVVX080618

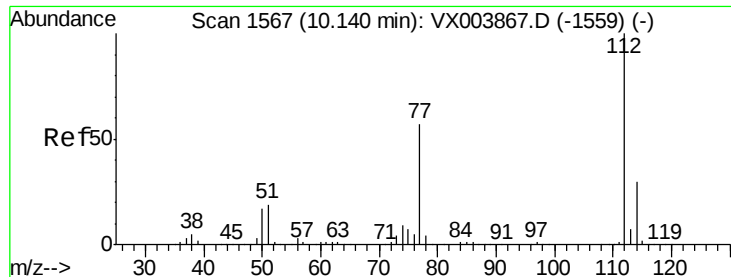
Tot Ion:117 Resp: 483212
Ion Ratio Lower Upper
117 100
82 57.8 45.4 68.0
119 34.4 26.6 40.0



#64
Tetrachloroethene
Concen: 47.526 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:164 Resp: 225916
Ion Ratio Lower Upper
164 100
166 125.7 98.0 147.0
129 88.1 64.3 96.5
131 84.7 66.8 100.2





#65

Chlorobenzene

Concen: 48.140 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

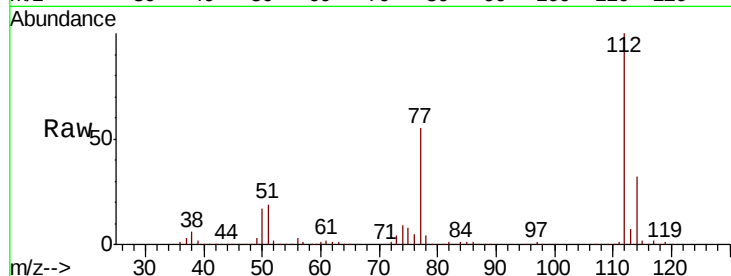
ICVVX080618

Tot Ion:112 Resp: 605280

Ion Ratio Lower Upper

112 100

114 31.6 23.6 35.4



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

500000

400000

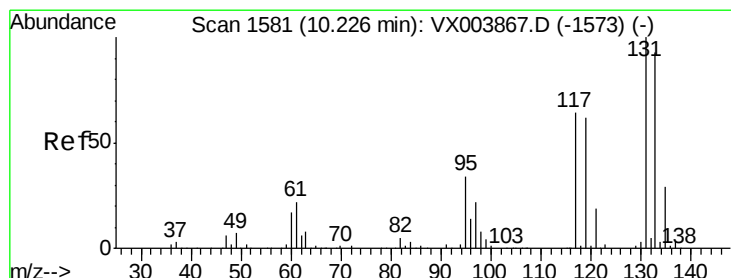
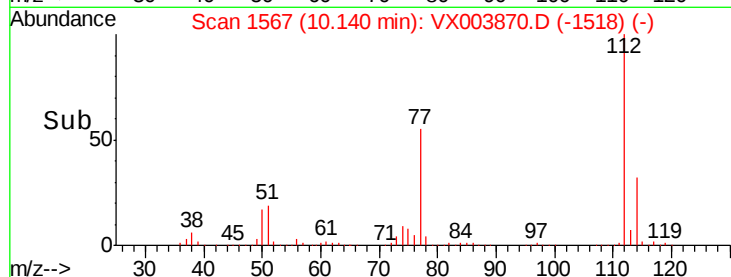
300000

200000

100000

0

Time--> 10.00 10.10 10.20 10.30



#66

1,1,1,2-Tetrachloroethane

Concen: 48.716 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

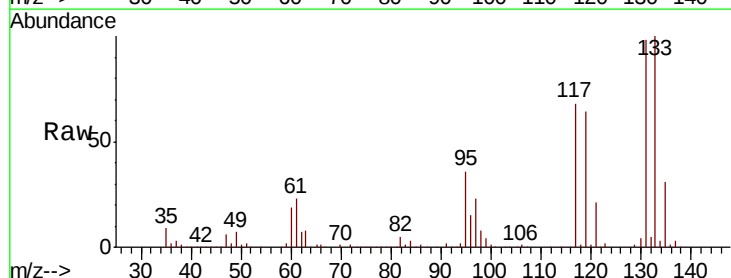
Tgt Ion:131 Resp: 210571

Ion Ratio Lower Upper

131 100

133 99.6 47.3 141.8

119 65.5 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

10.23

200000

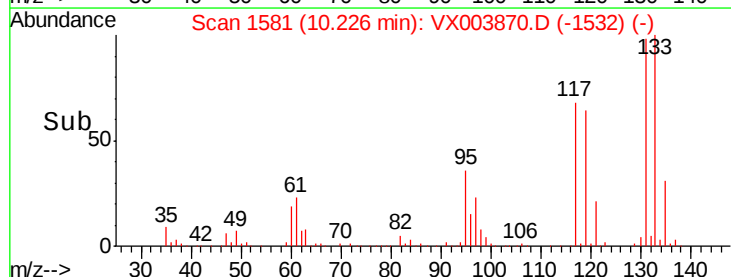
150000

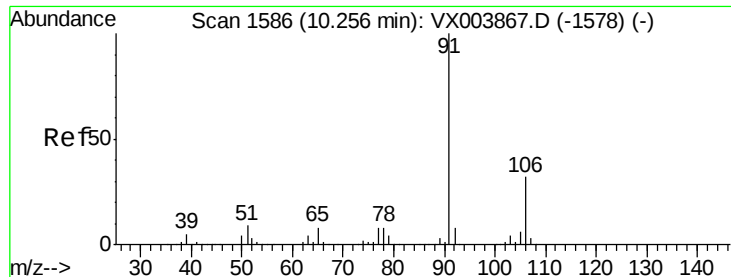
100000

50000

0

Time--> 10.20 10.30

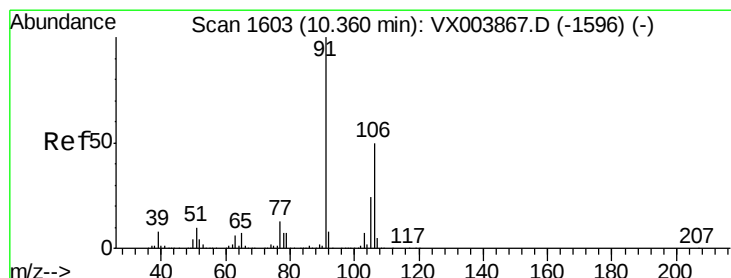
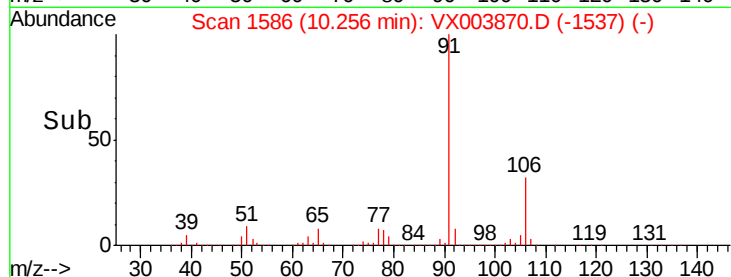
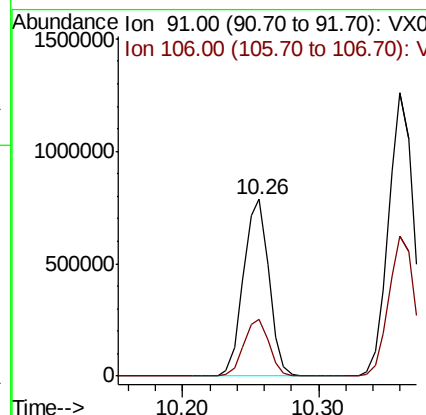
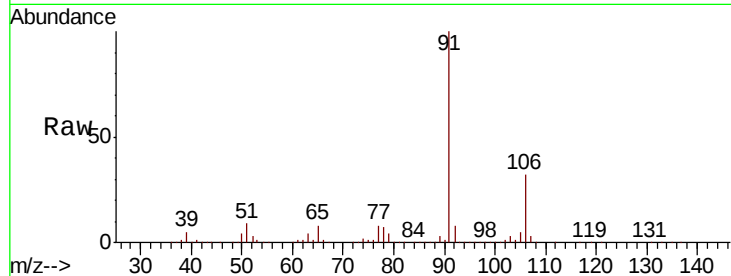




#67
Ethyl Benzene
Concen: 50.028 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

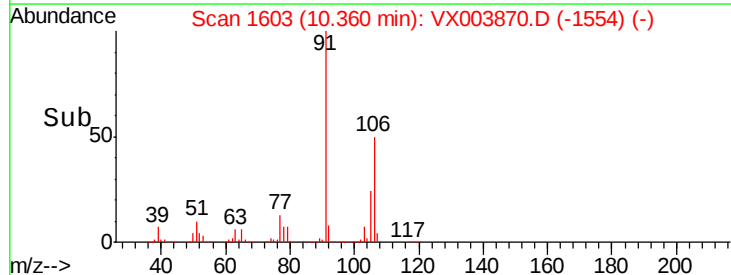
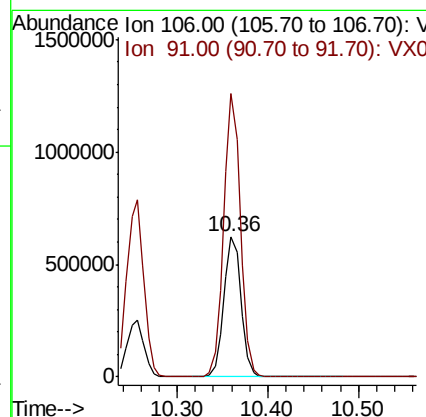
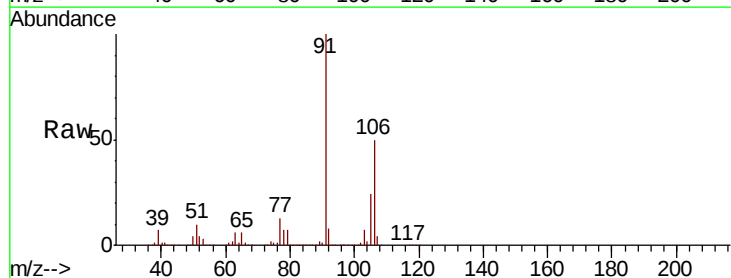
Instrument :
MSVOA_X
ClientSampleId :
ICVVX080618

Tot Ion: 91 Resp: 1029668
Ion Ratio Lower Upper
91 100
106 32.0 25.9 38.9



#68
m/p-Xylenes
Concen: 102.711 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion: 106 Resp: 826024
Ion Ratio Lower Upper
106 100
91 197.3 162.3 243.5

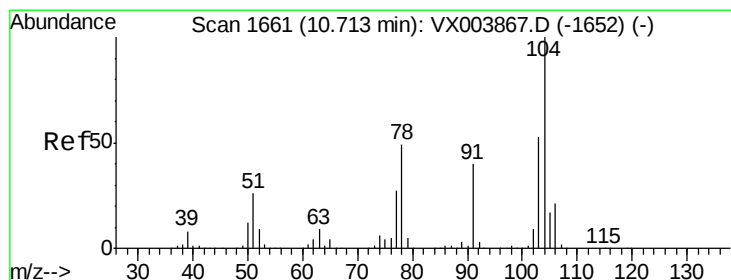
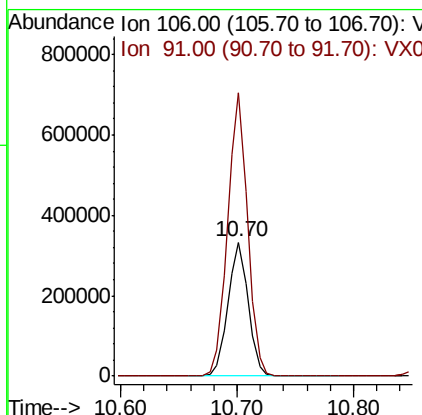
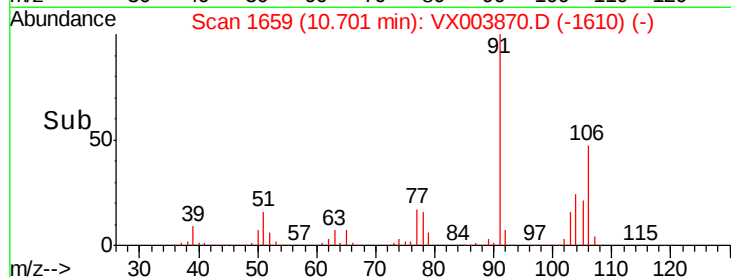
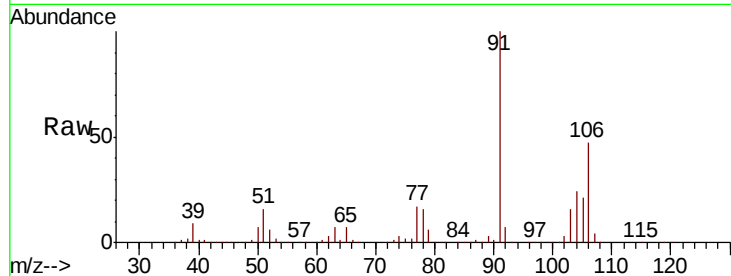




#69
o-Xylene
Concen: 52.954 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

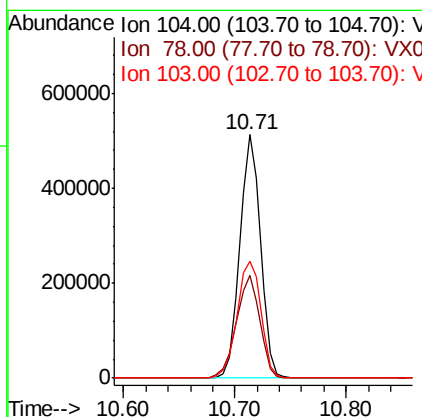
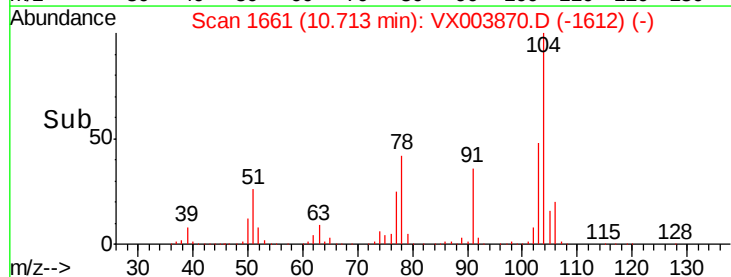
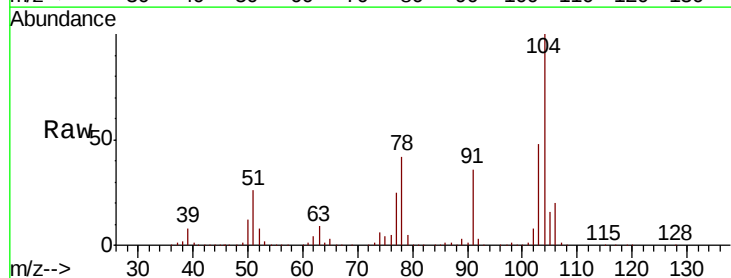
Instrument :
MSVOA_X
ClientSampleId :
ICVVX080618

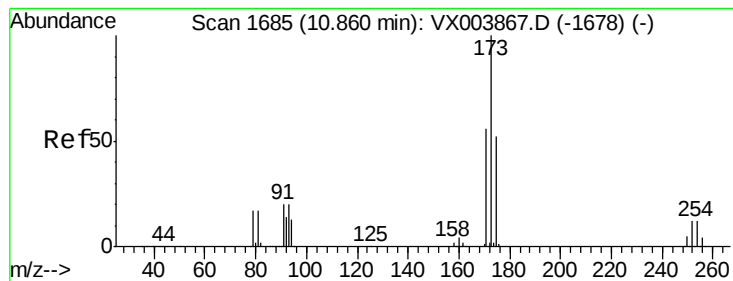
Tot Ion:106 Resp: 402018
Ion Ratio Lower Upper
106 100
91 208.0 101.9 305.7



#70
Styrene
Concen: 53.059 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003870.D
Acq: 06 Aug 2018 19:07

Tgt Ion:104 Resp: 659519
Ion Ratio Lower Upper
104 100
78 47.6 39.8 59.6
103 55.5 44.3 66.5





#71

Bromoform

Concen: 46.888 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080618

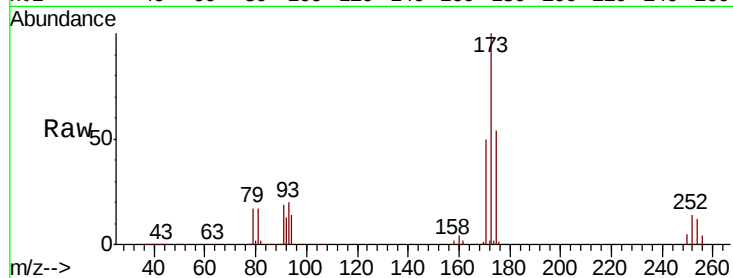
Tot Ion:173 Resp: 171146

Ion Ratio Lower Upper

173 100

175 48.7 24.9 74.7

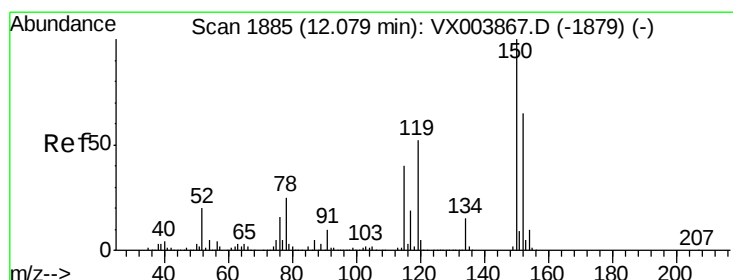
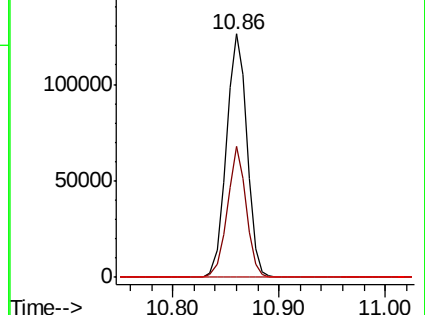
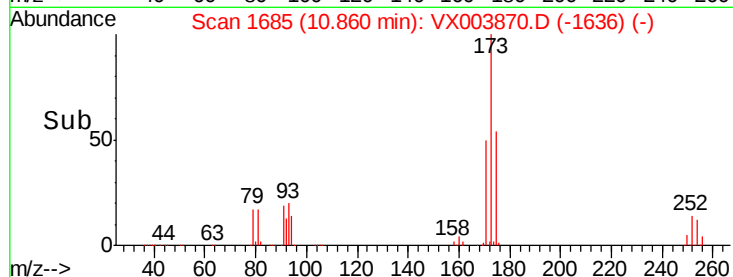
254 0.2 0.2 0.2



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

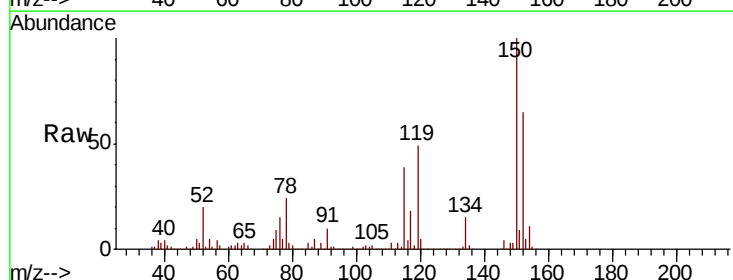
Tgt Ion:152 Resp: 277224

Ion Ratio Lower Upper

152 100

115 75.5 39.1 117.3

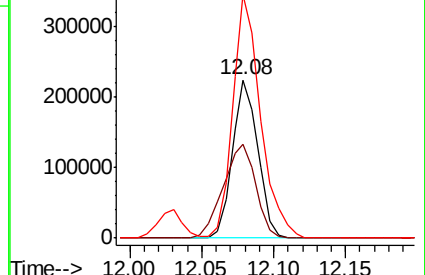
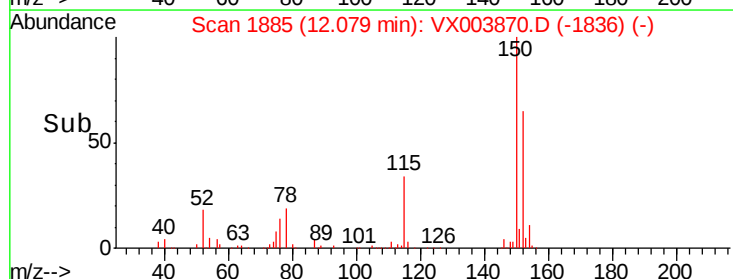
150 168.2 0.0 349.2



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: 51.138 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

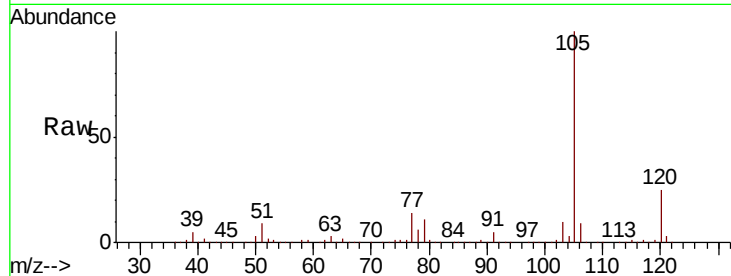
ICVVX080618

Tot Ion:105 Resp: 1048707

Ion Ratio Lower Upper

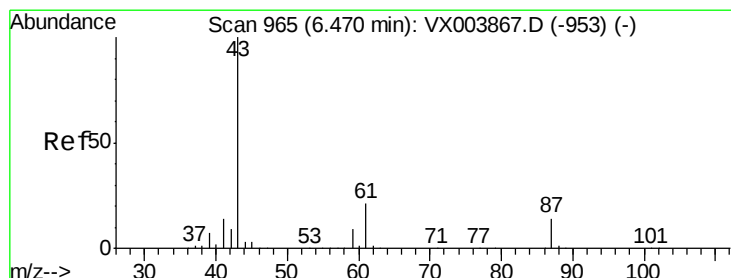
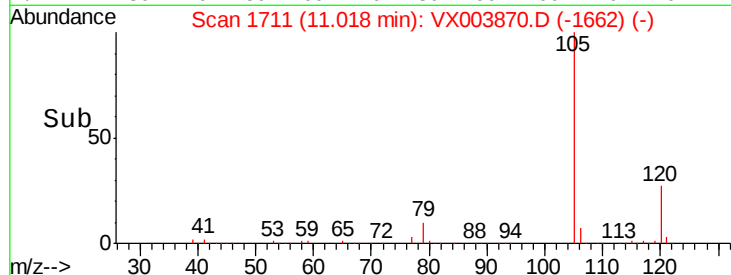
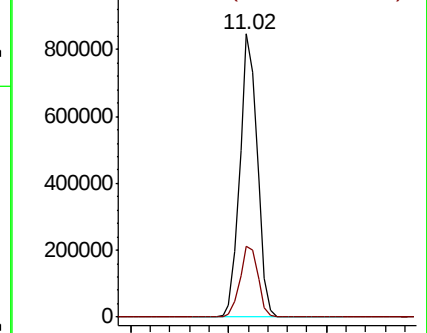
105 100

120 25.9 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: 47.187 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Tgt Ion: 43 Resp: 503238

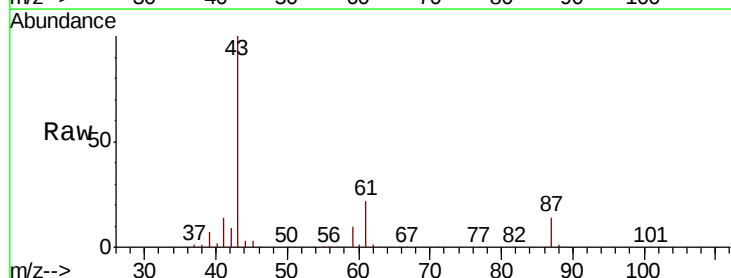
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 21.3 16.9 25.3

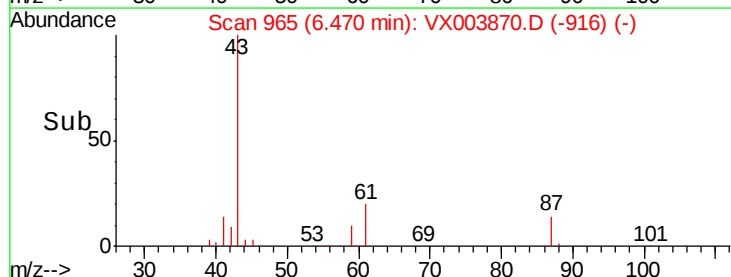
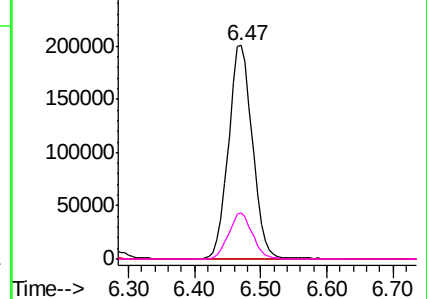


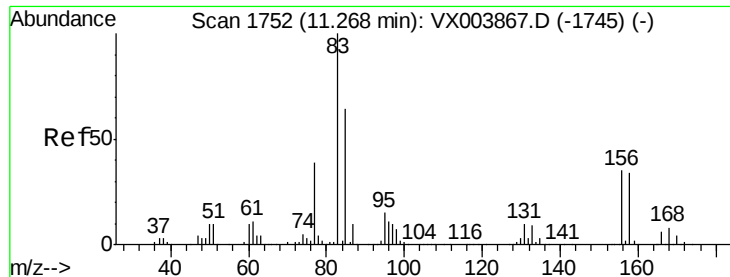
Abundance Ion 43.00 (42.70 to 43.70): VX0

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

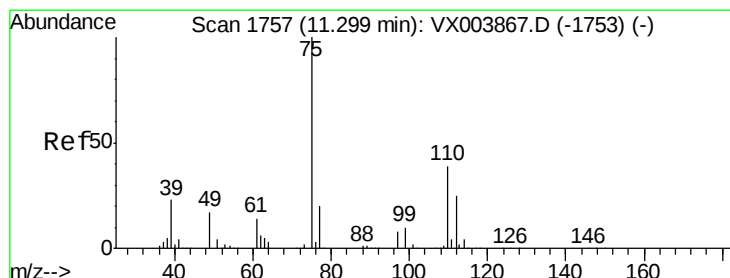
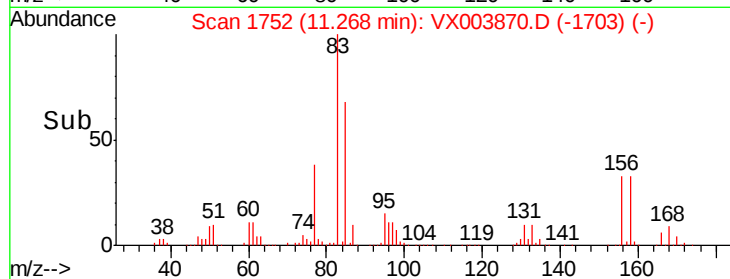
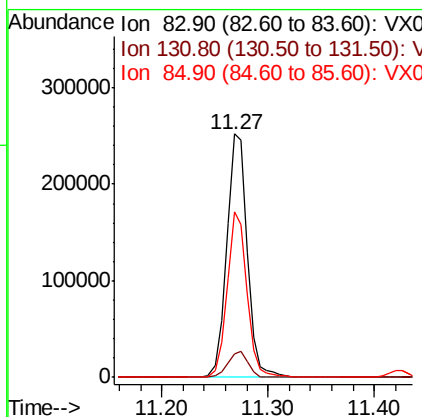
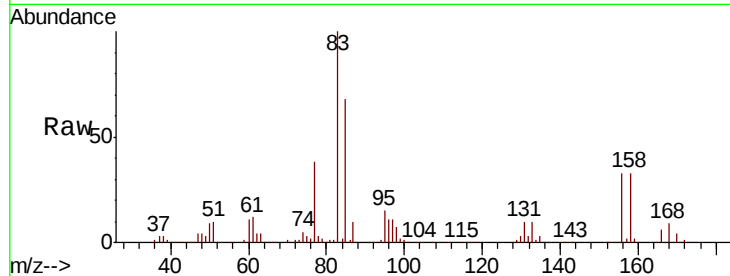




#75
 1,1,2,2-Tetrachloroethane
 Concen: 48.361 ug/l
 RT: 11.27 min Scan# 1752
 Delta R.T. 0.00 min
 Lab File: VX003870.D
 Acq: 06 Aug 2018 19:07

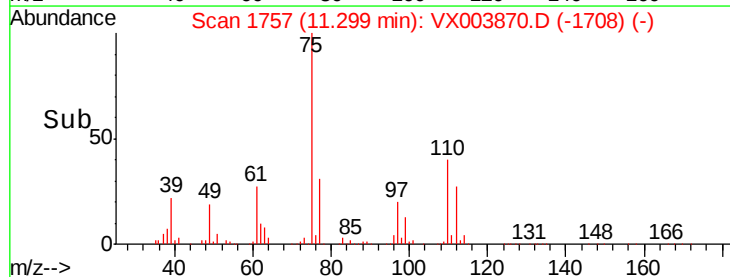
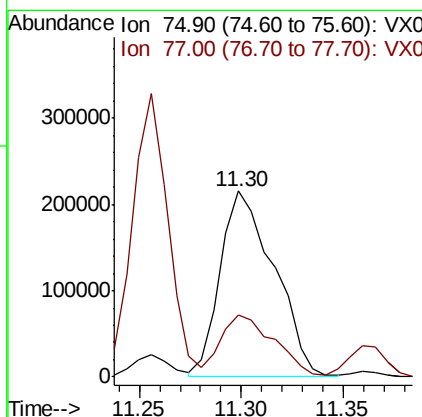
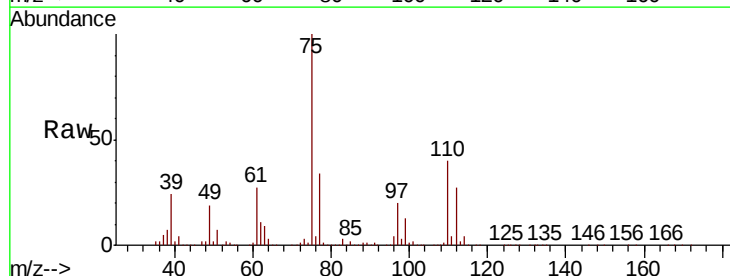
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080618

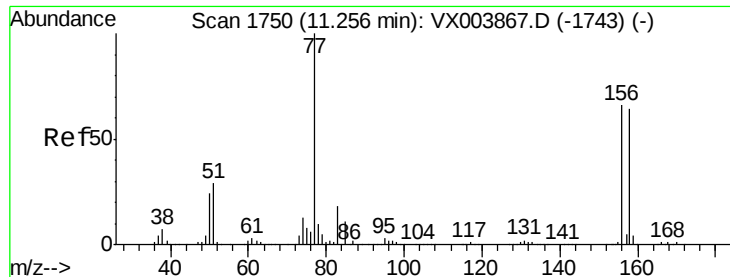
Tot Ion	83	Resp	339920
Ion Ratio	100		
Lower	5.2		
Upper	15.6		
85	65.8	32.2	96.6



#76
 1,2,3-Trichloropropane
 Concen: 64.658 ug/l
 RT: 11.30 min Scan# 1757
 Delta R.T. 0.00 min
 Lab File: VX003870.D
 Acq: 06 Aug 2018 19:07

Tgt Ion	75	Resp	395917
Ion Ratio	100		
Lower	20.8		
Upper	62.5		
77	32.7		





#77

Bromobenzene

Concen: 50.209 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080618

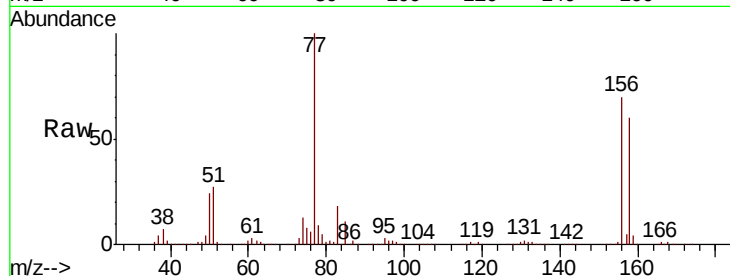
Tot Ion:156 Resp: 274689

Ion Ratio Lower Upper

156 100

77 145.2 74.1 222.2

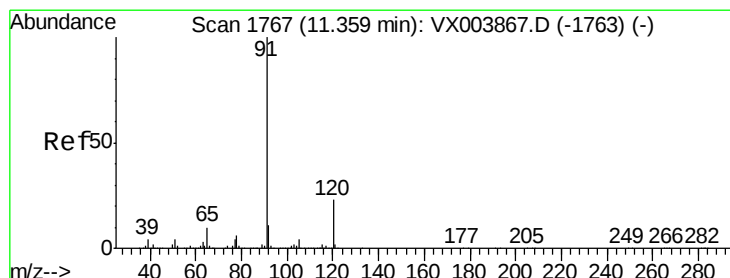
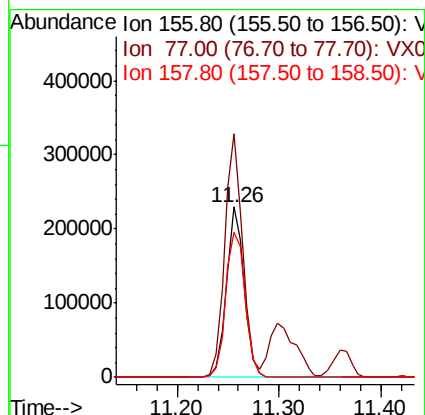
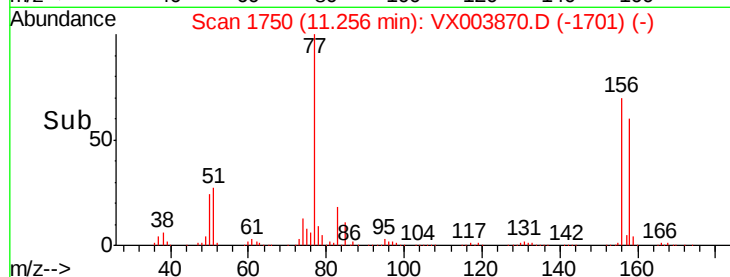
158 94.1 48.6 145.9



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 52.239 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003870.D

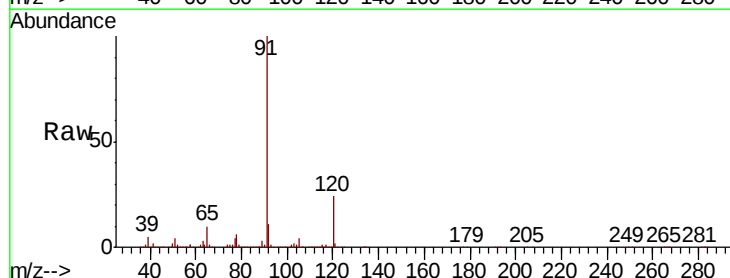
Acq: 06 Aug 2018 19:07

Tgt Ion: 91 Resp: 1202993

Ion Ratio Lower Upper

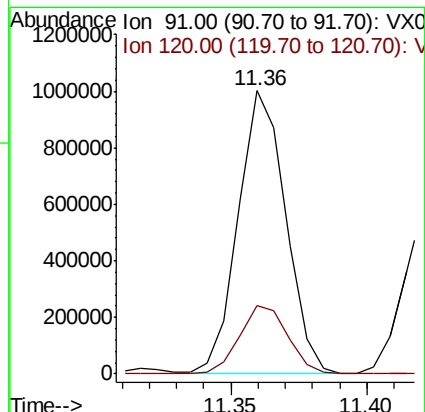
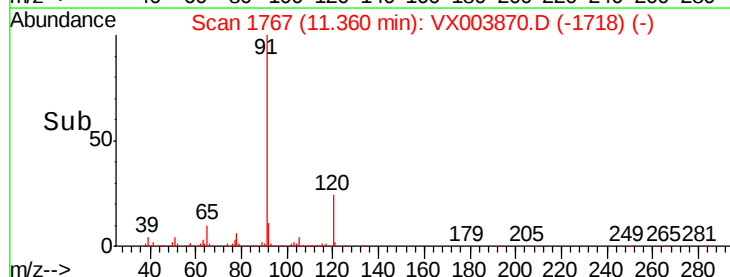
91 100

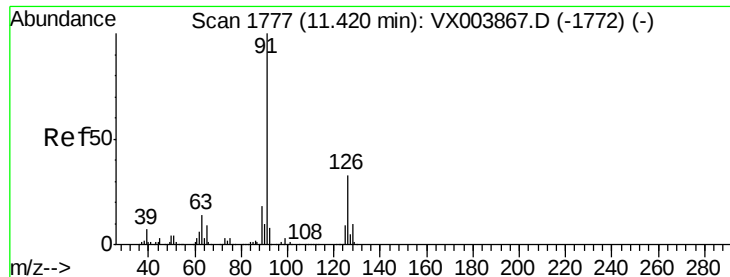
120 24.7 11.9 35.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

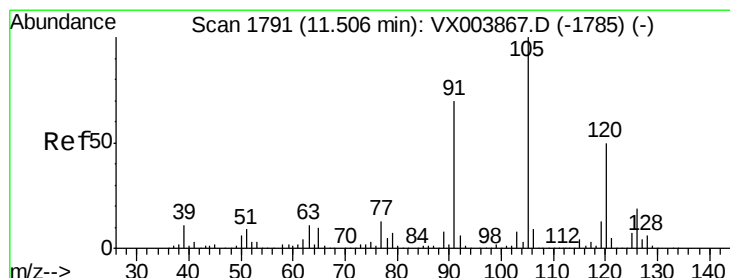
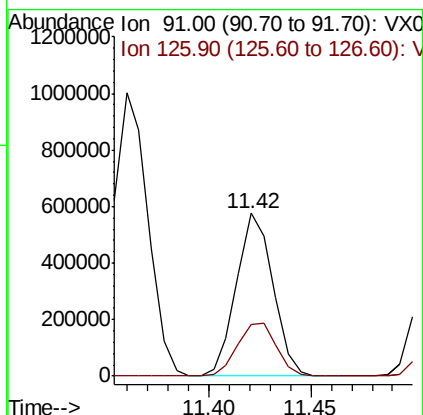
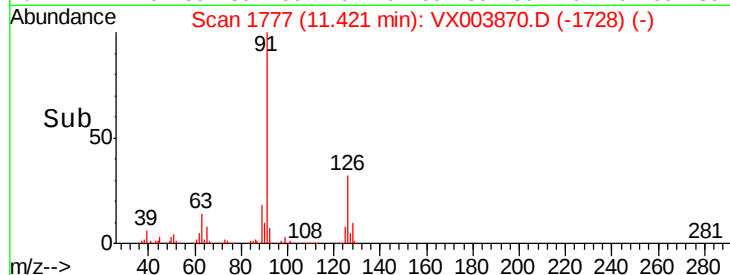
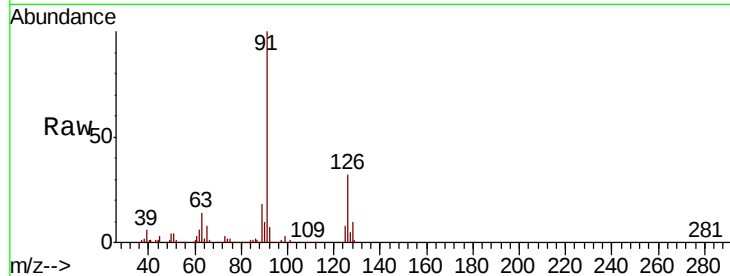




#79
 2-Chlorotoluene
 Concen: 50.917 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX003870.D
 Acq: 06 Aug 2018 19:07

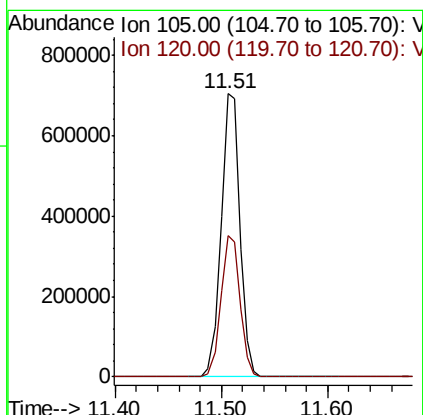
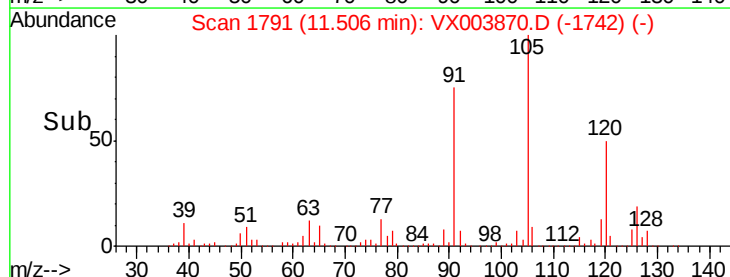
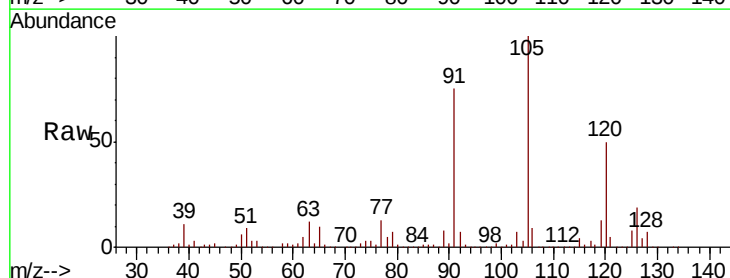
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080618

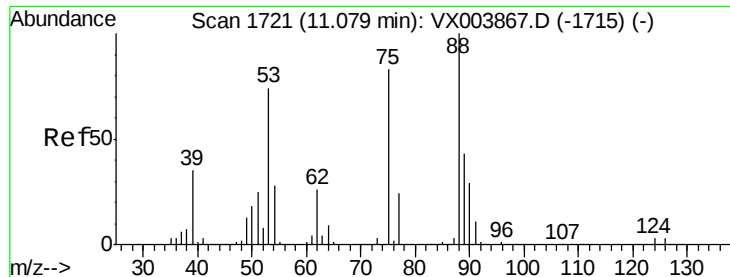
Tot Ion: 91 Resp: 714924
 Ion Ratio Lower Upper
 91 100
 126 34.9 17.4 52.3



#80
 1,3,5-Trimethylbenzene
 Concen: 51.901 ug/l
 RT: 11.51 min Scan# 1791
 Delta R.T. 0.00 min
 Lab File: VX003870.D
 Acq: 06 Aug 2018 19:07

Tgt Ion: 105 Resp: 867915
 Ion Ratio Lower Upper
 105 100
 120 50.7 25.4 76.2





#81

trans-1,4-Dichloro-2-butene

Concen: 47.091 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080618

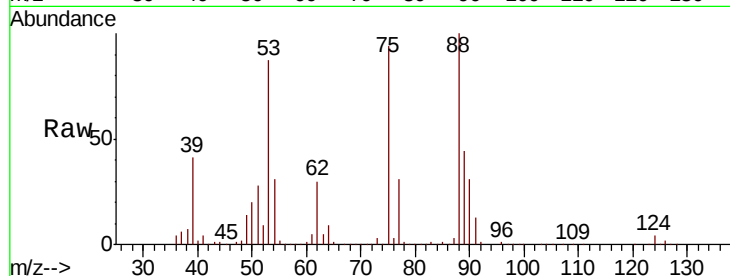
Tot Ion: 75 Resp: 105693

Ion Ratio Lower Upper

75 100

53 92.1 80.3 120.5

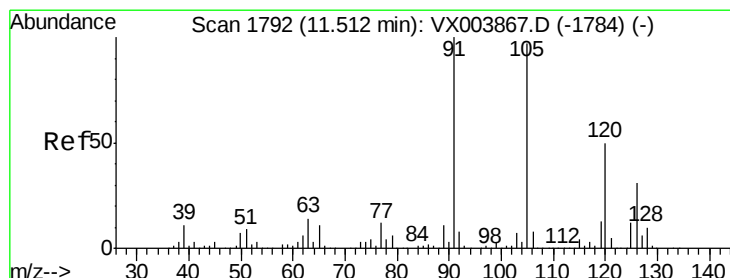
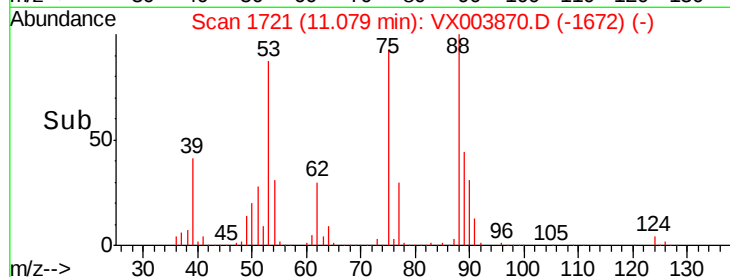
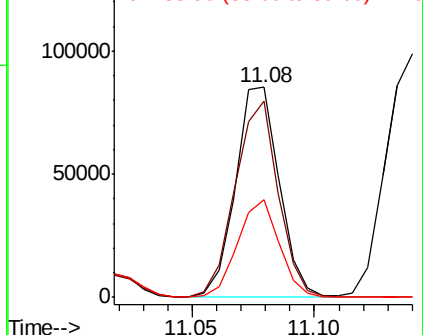
89 44.7 37.8 56.8



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: 52.263 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003870.D

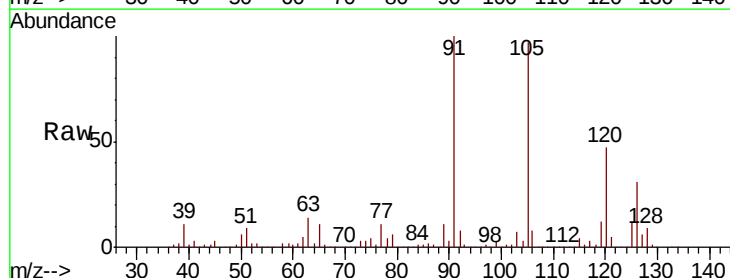
Acq: 06 Aug 2018 19:07

Tgt Ion: 91 Resp: 859713

Ion Ratio Lower Upper

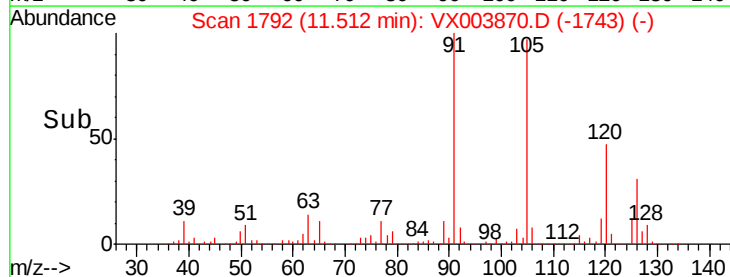
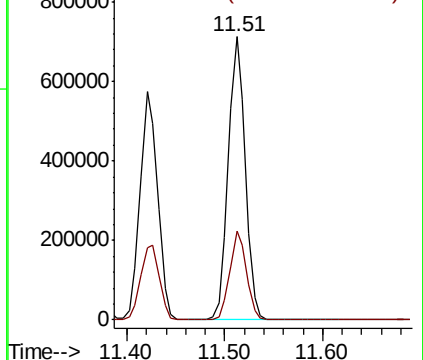
91 100

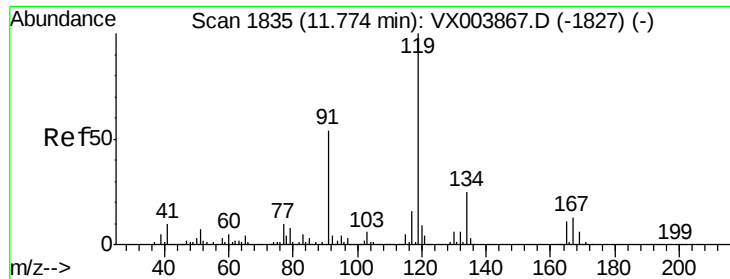
126 30.8 15.6 46.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

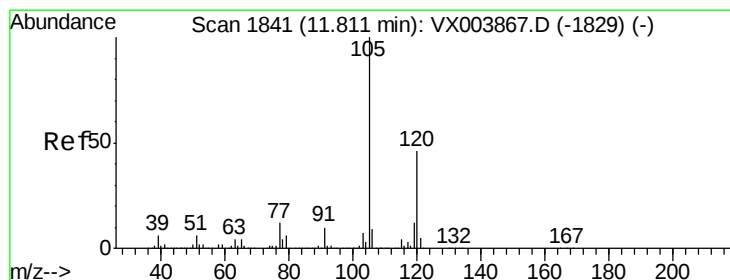
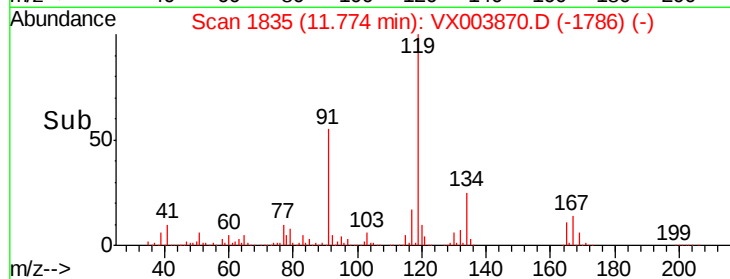
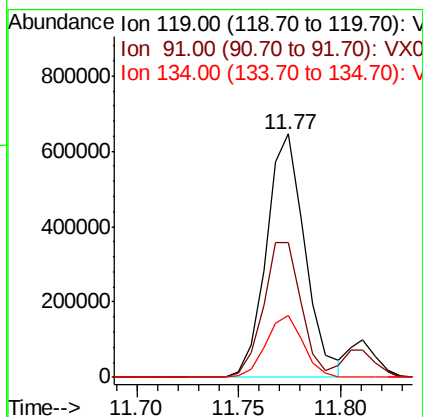
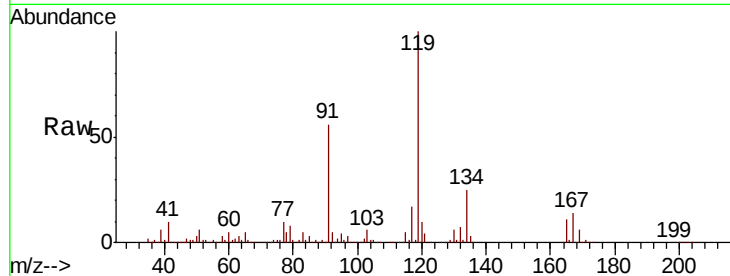




#83
 tert-Butylbenzene
 Concen: 51.630 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003870.D
 Acq: 06 Aug 2018 19:07

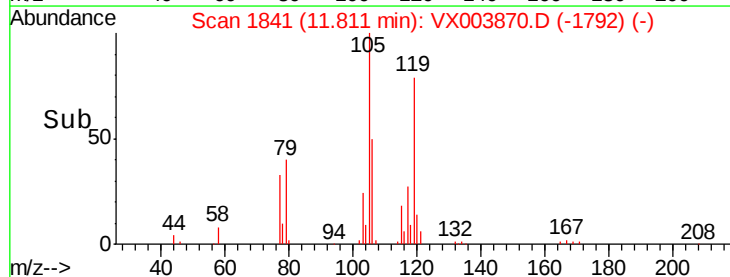
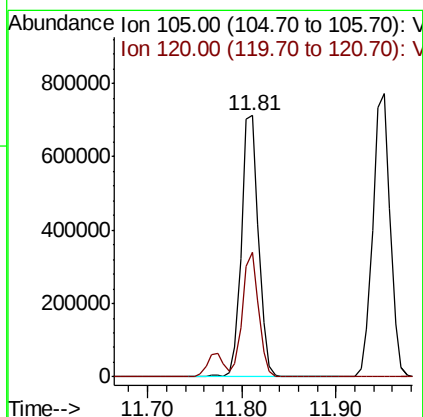
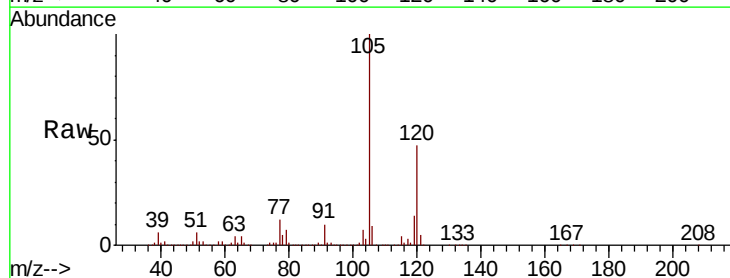
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080618

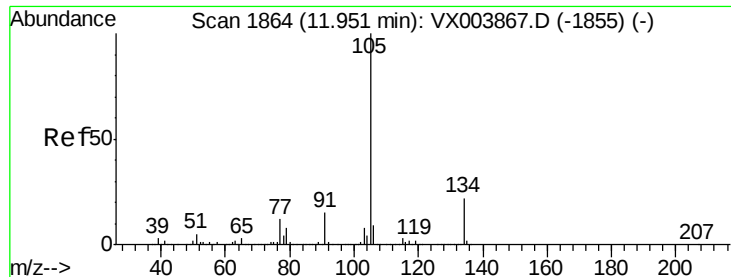
Tot Ion:119 Resp: 849380
 Ion Ratio Lower Upper
 119 100
 91 54.3 26.9 80.7
 134 24.4 12.0 36.0



#84
 1,2,4-Trimethylbenzene
 Concen: 53.217 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003870.D
 Acq: 06 Aug 2018 19:07

Tgt Ion:105 Resp: 894804
 Ion Ratio Lower Upper
 105 100
 120 45.0 23.1 69.2





#85

sec-Butylbenzene

Concen: 50.664 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

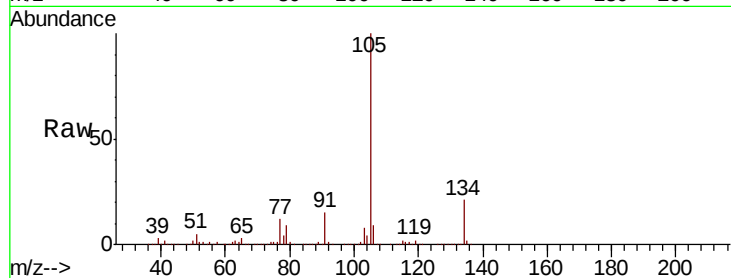
ICVVX080618

Tot Ion:105 Resp: 983618

Ion Ratio Lower Upper

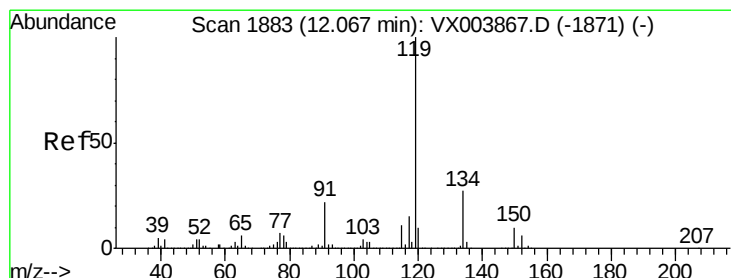
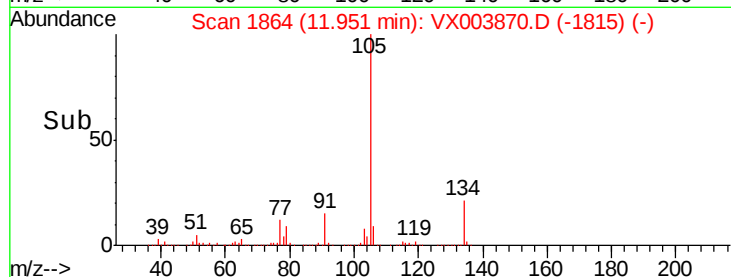
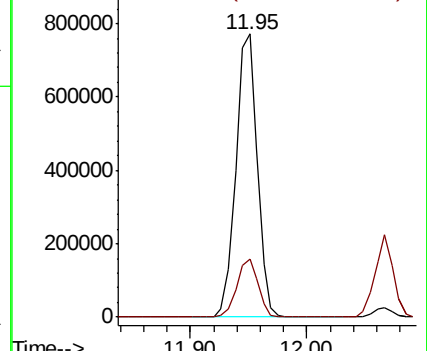
105 100

134 20.5 10.3 30.9



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.634 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

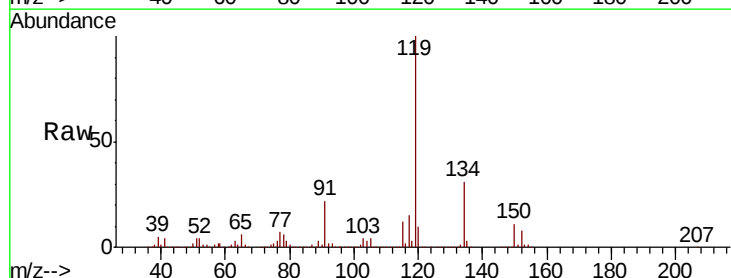
Tgt Ion:119 Resp: 899550

Ion Ratio Lower Upper

119 100

134 27.1 13.3 39.8

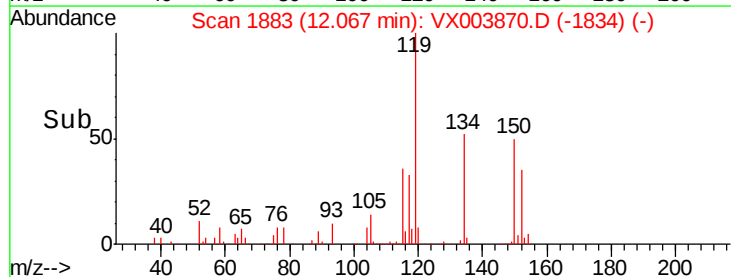
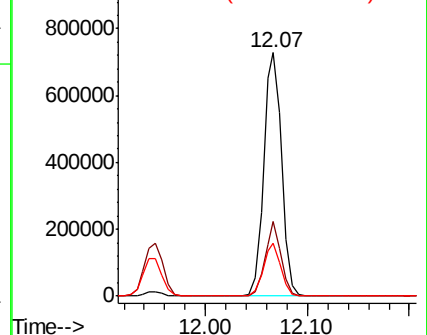
91 21.1 10.9 32.7

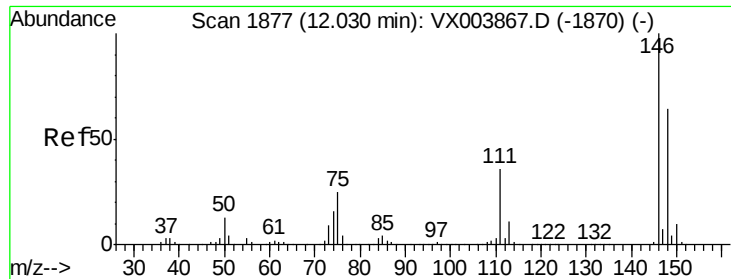


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): VX0

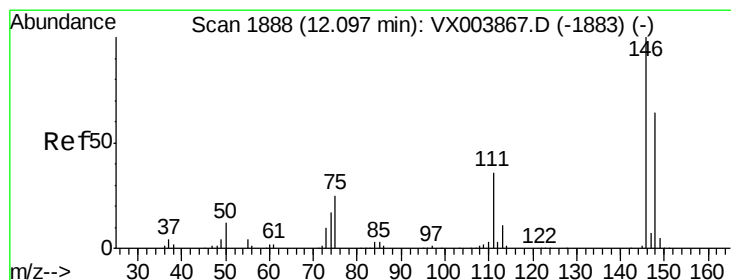
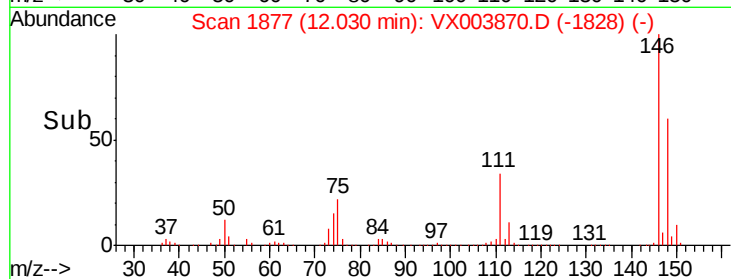
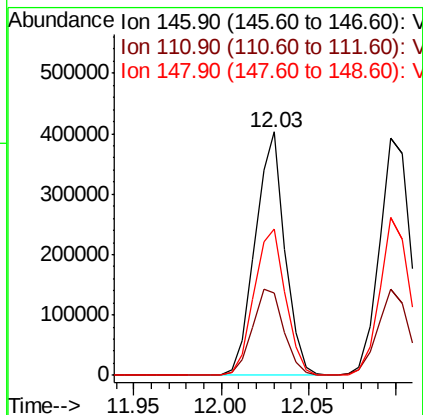
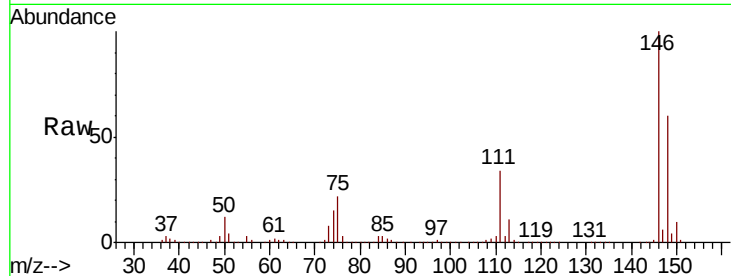




#87
 1,3-Dichlorobenzene
 Concen: 46.915 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003870.D
 Acq: 06 Aug 2018 19:07

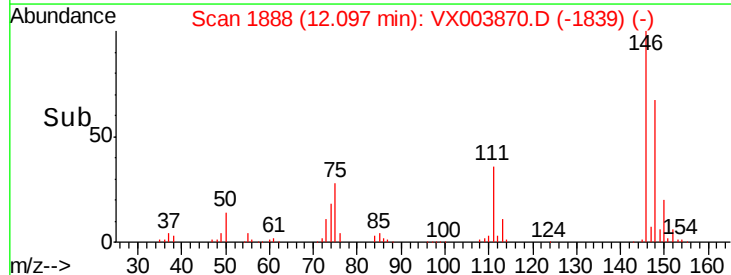
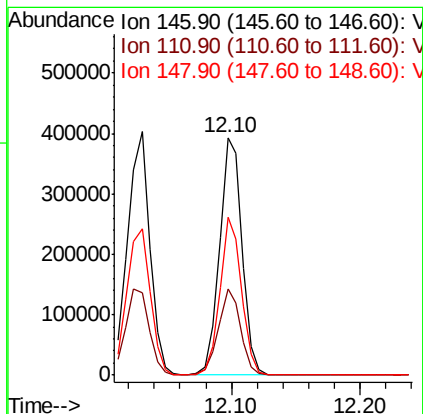
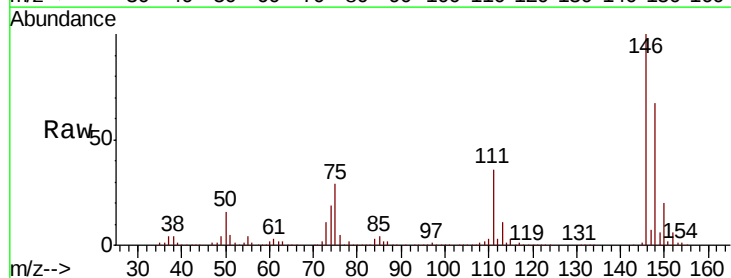
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080618

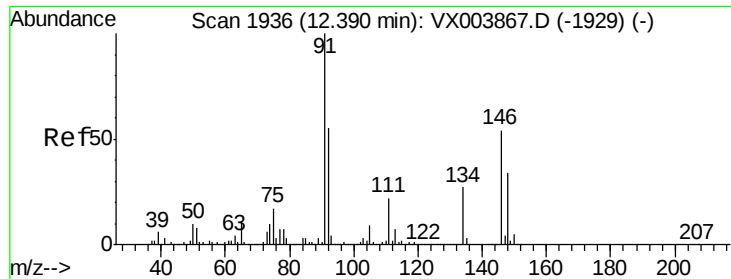
Tot Ion:146 Resp: 474464
 Ion Ratio Lower Upper
 146 100
 111 37.6 18.8 56.4
 148 63.6 31.9 95.5



#88
 1,4-Dichlorobenzene
 Concen: 49.852 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003870.D
 Acq: 06 Aug 2018 19:07

Tgt Ion:146 Resp: 483424
 Ion Ratio Lower Upper
 146 100
 111 35.7 18.4 55.0
 148 63.9 32.3 96.8





#89

n-Butylbenzene

Concen: 50.031 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080618

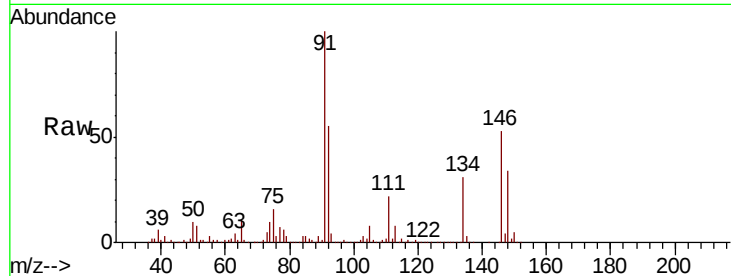
Tot Ion: 91 Resp: 759541

Ion Ratio Lower Upper

91 100

92 55.6 27.1 81.3

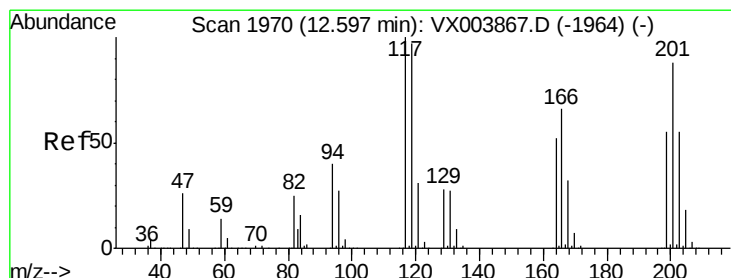
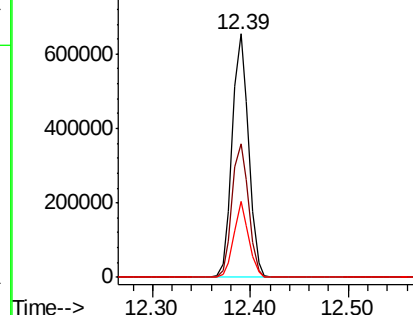
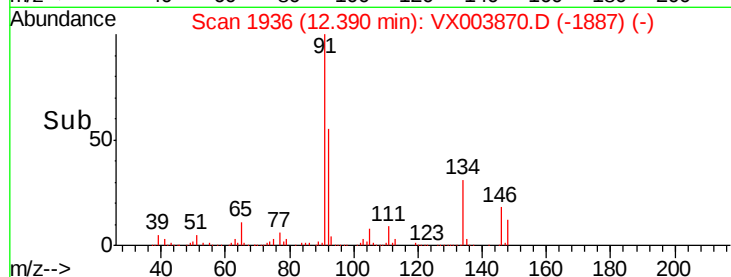
134 28.2 13.6 40.7



Abundance Ion 91.00 (90.70 to 91.70): VX003867.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX003867.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX003867.D (-1929) (-)



#90

Hexachloroethane

Concen: 48.114 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003870.D

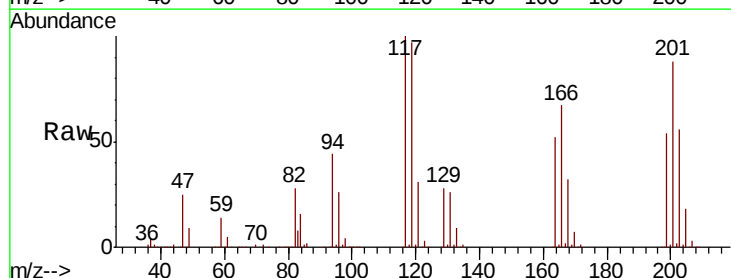
Acq: 06 Aug 2018 19:07

Tgt Ion: 117 Resp: 136098

Ion Ratio Lower Upper

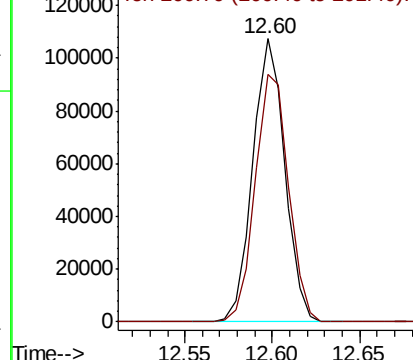
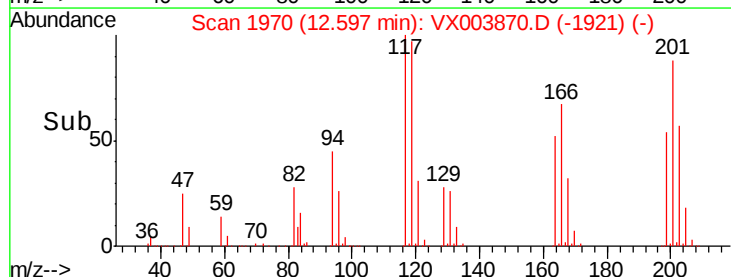
117 100

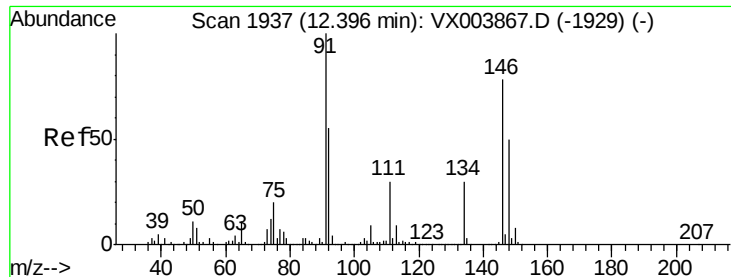
201 91.5 46.1 138.2



Abundance Ion 116.80 (116.50 to 117.50): VX003867.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX003867.D (-1964) (-)

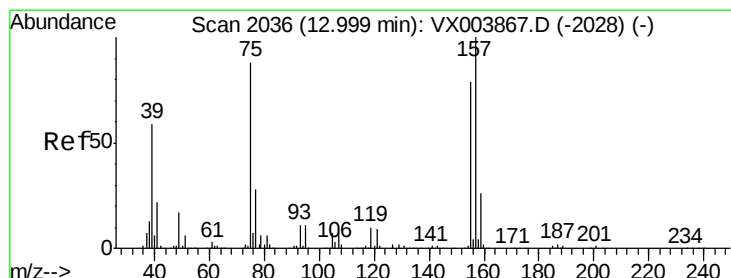
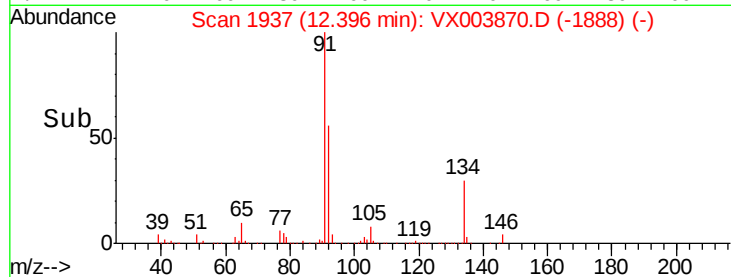
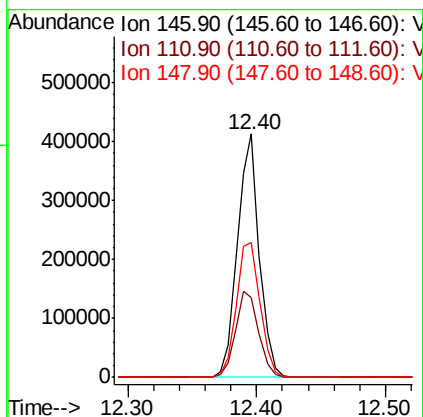
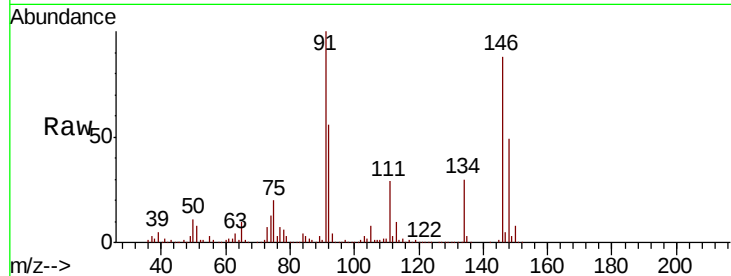




#91
 1,2-Dichlorobenzene
 Concen: 48.340 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003870.D
 Acq: 06 Aug 2018 19:07

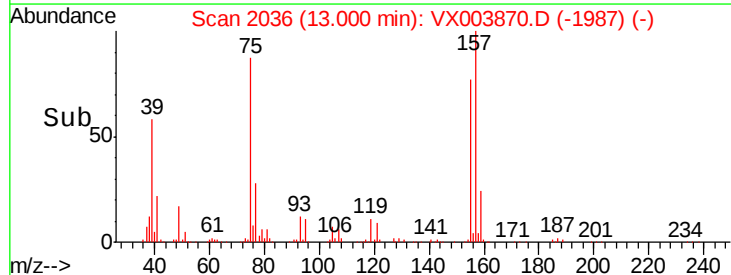
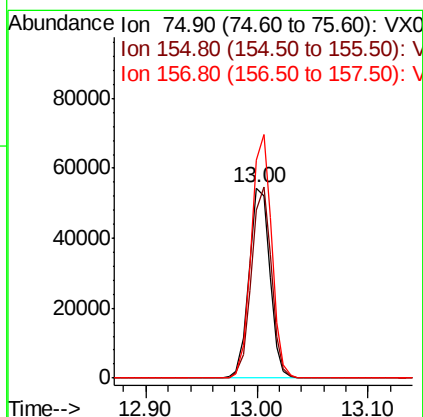
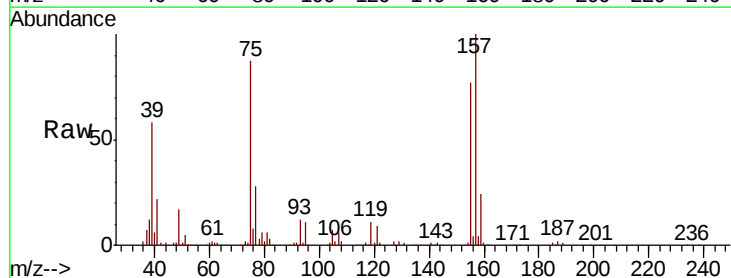
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080618

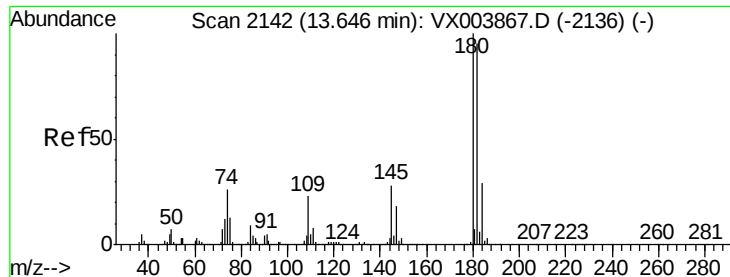
Tot Ion:146 Resp: 484576
 Ion Ratio Lower Upper
 146 100
 111 37.5 19.7 59.0
 148 60.6 31.9 95.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 49.147 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003870.D
 Acq: 06 Aug 2018 19:07

Tgt Ion: 75 Resp: 70766
 Ion Ratio Lower Upper
 75 100
 155 96.6 48.7 146.1
 157 124.8 62.6 187.8

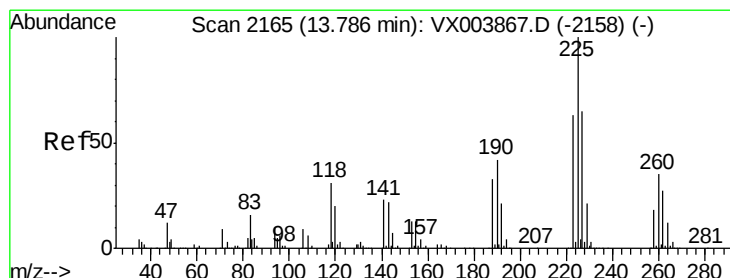
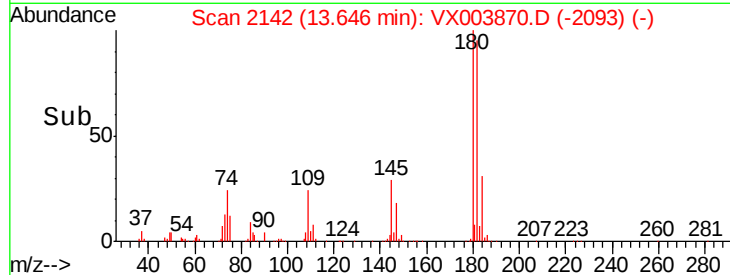
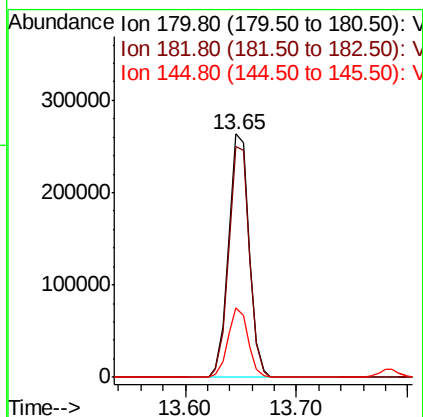
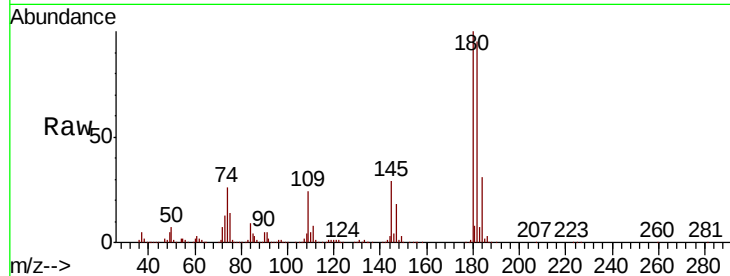




#93
 1,2,4-Trichlorobenzene
 Concen: 46.417 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003870.D
 Acq: 06 Aug 2018 19:07

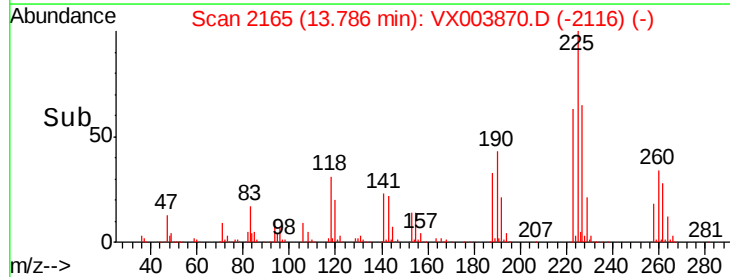
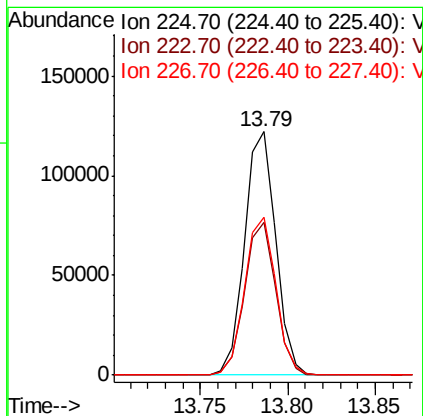
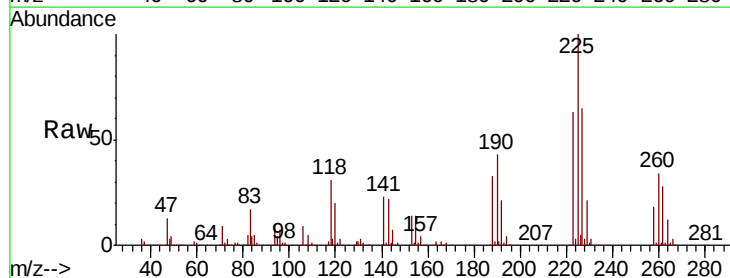
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080618

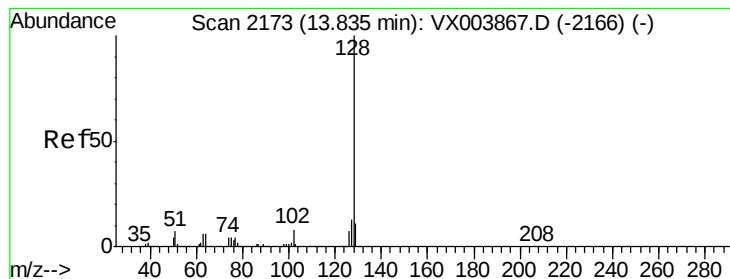
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.4	47.7	143.1
145	27.9	13.9	41.6



#94
 Hexachlorobutadiene
 Concen: 47.349 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003870.D
 Acq: 06 Aug 2018 19:07

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.4	94.0
227	65.1	32.1	96.5





#95

Naphthalene

Concen: 51.014 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080618

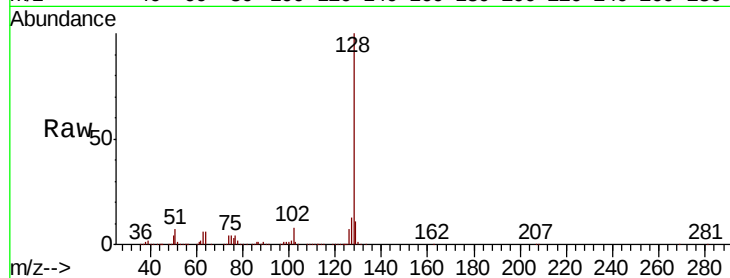
Tot Ion:128 Resp: 1053375

Ion Ratio Lower Upper

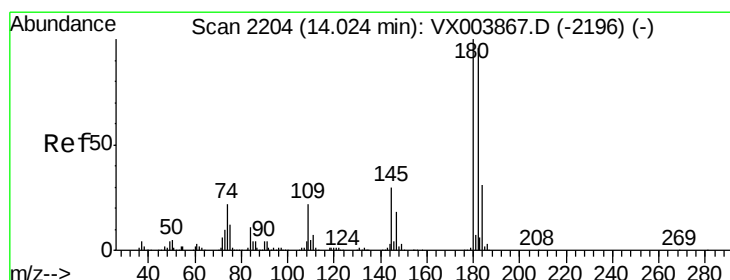
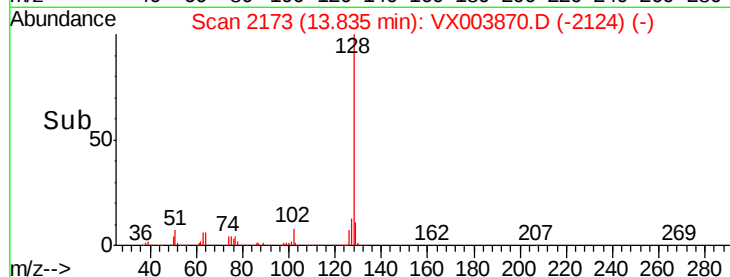
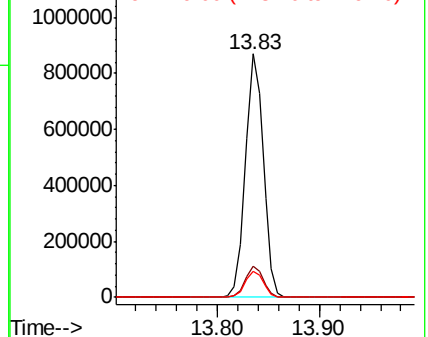
128 100

127 12.8 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: 47.801 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003870.D

Acq: 06 Aug 2018 19:07

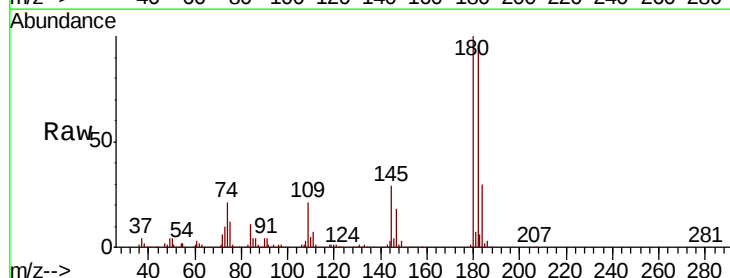
Tgt Ion:180 Resp: 343921

Ion Ratio Lower Upper

180 100

182 95.2 48.1 144.4

145 29.9 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

