

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX080318\
 Data File : VX003837.D
 Acq On : 02 Aug 2018 21:36
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080318

Quant Time: Aug 03 02:08:33 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080318W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 03 01:55:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	115943	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	166338	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	155405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	95836	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	70568	46.15	ug/l	0.00
Spiked Amount			Recovery	=	92.30%	
35) Dibromofluoromethane	5.51	113	65225	49.91	ug/l	0.00
Spiked Amount			Recovery	=	99.82%	
50) Toluene-d8	8.72	98	239951	47.91	ug/l	0.00
Spiked Amount			Recovery	=	95.82%	
62) 4-Bromofluorobenzene	11.14	95	87034	48.10	ug/l	0.00
Spiked Amount			Recovery	=	96.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	57474	52.501	ug/l	98
3) Chloromethane	1.32	50	78541	48.943	ug/l	100
4) Vinyl Chloride	1.40	62	74067	50.840	ug/l	98
5) Bromomethane	1.64	94	33239	56.551	ug/l	99
6) Chloroethane	1.72	64	34393	43.351	ug/l #	84
7) Trichlorofluoromethane	1.92	101	97003	52.740	ug/l	100
8) Diethyl Ether	2.19	74	41155	49.806	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	57886	50.249	ug/l	99
10) Methyl Iodide	2.51	142	85942	52.853	ug/l	98
11) Tert butyl alcohol	3.08	59	76413	230.769	ug/l	100
12) 1,1-Dichloroethene	2.37	96	57214	50.045	ug/l	97
13) Acrolein	2.29	56	68220	245.853	ug/l	96
14) Allyl chloride	2.72	41	108535	50.737	ug/l	97
15) Acrylonitrile	3.15	53	182867	232.062	ug/l	98
16) Acetone	2.45	43	178095	221.367	ug/l	95
17) Carbon Disulfide	2.56	76	164001	50.779	ug/l	100
18) Methyl Acetate	2.78	43	80007	48.244	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	196727	48.662	ug/l	96
20) Methylene Chloride	2.86	84	64273	45.416	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	61272	48.038	ug/l	91
22) Diisopropyl ether	3.87	45	199371	48.091	ug/l	97
23) Vinyl Acetate	3.82	43	866688	251.589	ug/l	97
24) 1,1-Dichloroethane	3.70	63	111805	48.248	ug/l	99
25) 2-Butanone	4.71	43	316863	231.797	ug/l	99
26) 2,2-Dichloropropane	4.58	77	69607	44.599	ug/l	100
27) cis-1,2-Dichloroethene	4.61	96	73858	50.429	ug/l	97
28) Bromochloromethane	5.02	49	53898	48.775	ug/l	97
29) Tetrahydrofuran	5.17	42	166555	238.336	ug/l	98
30) Chloroform	5.21	83	114333	47.226	ug/l	98
31) Cyclohexane	5.57	56	104994	54.033	ug/l #	82
32) 1,1,1-Trichloroethane	5.49	97	99550	50.009	ug/l	99
36) 1,1-Dichloropropene	5.80	75	88448	49.961	ug/l	99
37) Ethyl Acetate	4.86	43	96900	46.776	ug/l	99
38) Carbon Tetrachloride	5.78	117	87049	49.539	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	103056	52.801	ug/l	96
40) Benzene	6.15	78	263326	47.551	ug/l	100
41) Methacrylonitrile	5.07	41	55357	49.374	ug/l	99
42) 1,2-Dichloroethane	6.20	62	86862	46.723	ug/l	100
43) Isopropyl Acetate	6.47	43	148019	47.546	ug/l	99
44) Trichloroethene	7.21	130	72673	48.894	ug/l	99
45) 1,2-Dichloropropane	7.52	63	68388	47.549	ug/l	97
46) Dibromomethane	7.67	93	44045	47.457	ug/l	99
47) Bromodichloromethane	7.90	83	83697	48.066	ug/l	100
48) Methyl methacrylate	7.78	41	76627	48.860	ug/l	99
49) 1,4-Dioxane	7.76	88	36210	975.225	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	615189	236.899	ug/l	100
52) Toluene	8.79	92	167723	49.385	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	94694	49.840	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	102551	49.572	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	68000	47.040	ug/l	99
56) Ethyl methacrylate	9.18	69	104663	51.720	ug/l	98
57) 1,3-Dichloropropane	9.37	76	111544	47.429	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	262020	251.770	ug/l	100
59) 2-Hexanone	9.50	43	474547	238.501	ug/l	100
60) Dibromochloromethane	9.59	129	70073	49.522	ug/l	99
61) 1,2-Dibromoethane	9.68	107	71447	48.113	ug/l	100
64) Tetrachloroethene	9.34	164	70674	50.238	ug/l	99
65) Chlorobenzene	10.14	112	189251	49.407	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	67818	50.291	ug/l	99
67) Ethyl Benzene	10.26	91	320524	52.340	ug/l	100
68) m/p-Xylenes	10.36	106	254487	106.318	ug/l	98
69) o-Xylene	10.70	106	121633	52.709	ug/l	100
70) Styrene	10.71	104	205931	53.727	ug/l	100
71) Bromoform	10.86	173	56446	50.458	ug/l #	99
73) Isopropylbenzene	11.02	105	324187	52.741	ug/l	100
74) N-amyl acetate	6.47	43	148019	48.564	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	104840	46.807	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	120857	62.558	ug/l	84
77) Bromobenzene	11.26	156	88875	50.684	ug/l	99
78) n-propylbenzene	11.36	91	375715	54.033	ug/l	99
79) 2-Chlorotoluene	11.42	91	218879	50.913	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	276952	53.709	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	30697	50.081	ug/l	98
82) 4-Chlorotoluene	11.51	91	258893	52.050	ug/l	100
83) tert-Butylbenzene	11.77	119	276187	53.254	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	285015	53.438	ug/l	99
85) sec-Butylbenzene	11.95	105	325100	54.267	ug/l	100
86) p-Isopropyltoluene	12.07	119	297432	54.799	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	164689	50.517	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	167470	49.693	ug/l	100
89) n-Butylbenzene	12.39	91	252745	54.334	ug/l	99
90) Hexachloroethane	12.60	117	46039	52.369	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	163407	49.055	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	23729	47.928	ug/l	99

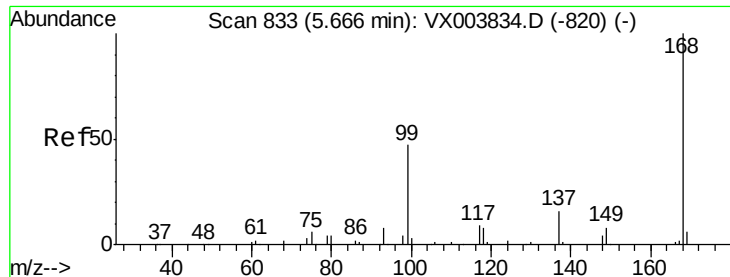
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	125123	53.026	ug/l	100
94) Hexachlorobutadiene	13.79	225	57564	51.675	ug/l	99
95) Naphthalene	13.83	128	375852	54.698	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	127805	52.054	ug/l	100

(#) = 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: VX003837.D

Acq: 02 Aug 2018 21:36

Instrument :

MSVOA_X

ClientSampleId :

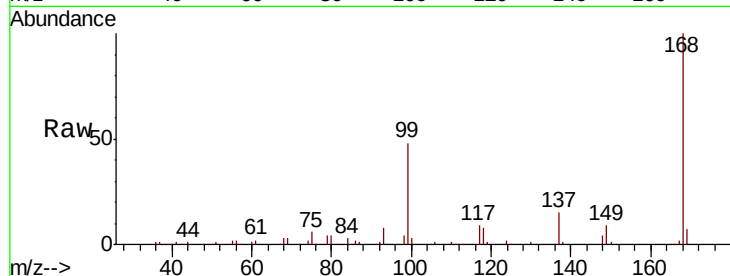
ICVVX080318

Tgt Ion:168 Resp: 115943

Ion Ratio Lower Upper

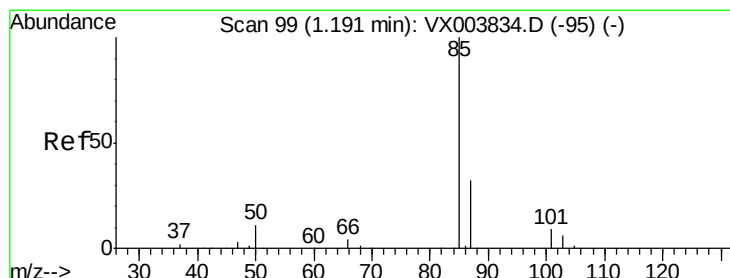
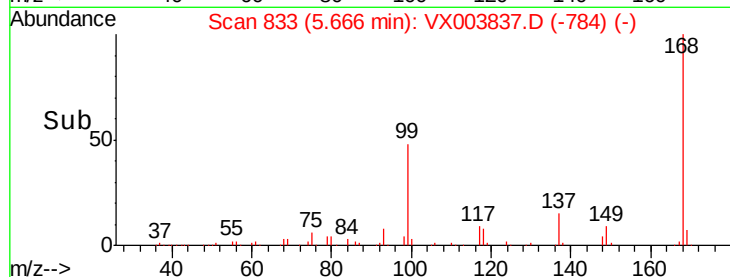
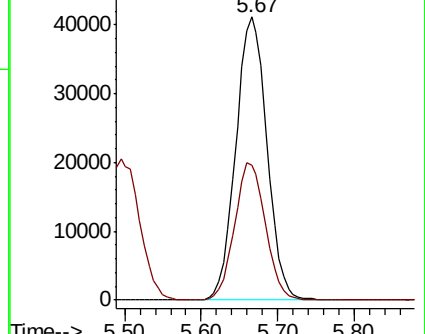
168 100

99 47.5 38.1 57.1



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 52.501 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.01 min

Lab File: VX003837.D

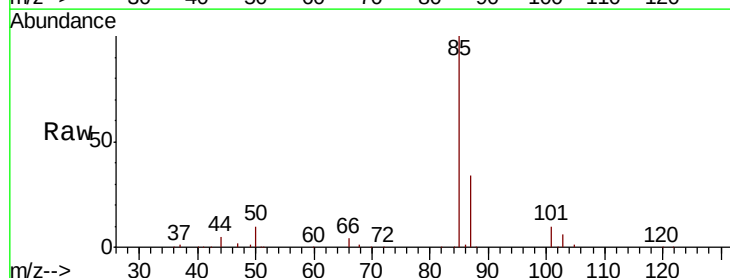
Acq: 02 Aug 2018 21:36

Tgt Ion: 85 Resp: 57474

Ion Ratio Lower Upper

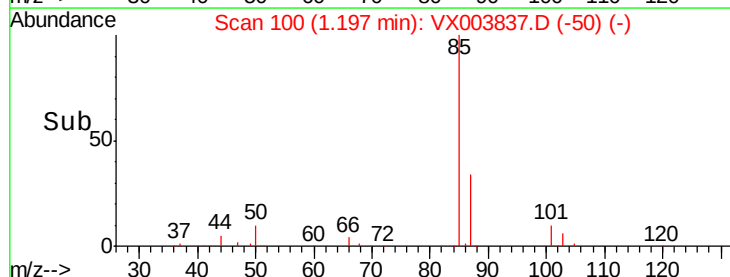
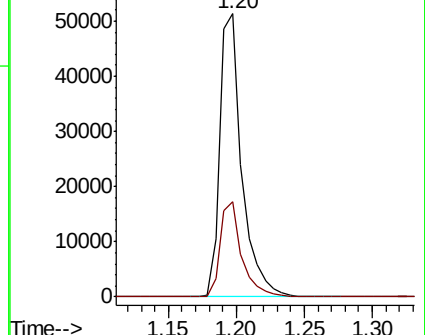
85 100

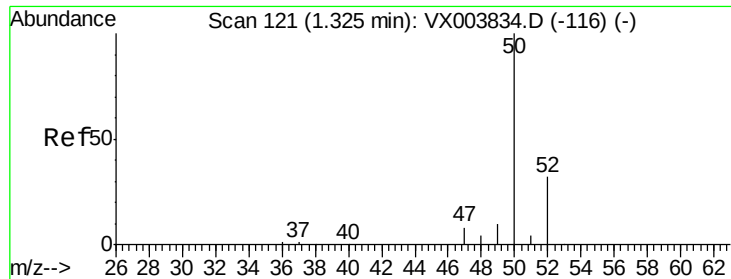
87 33.7 16.2 48.5



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 48.943 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

Instrument :

MSVOA_X

ClientSampleId :

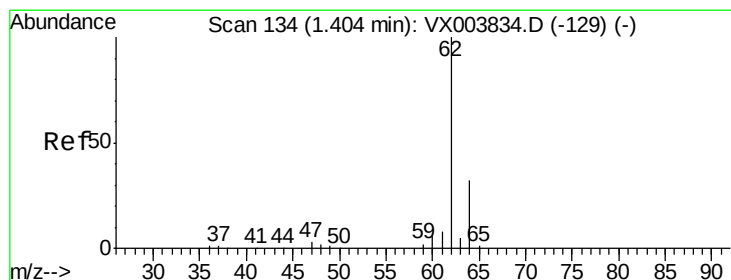
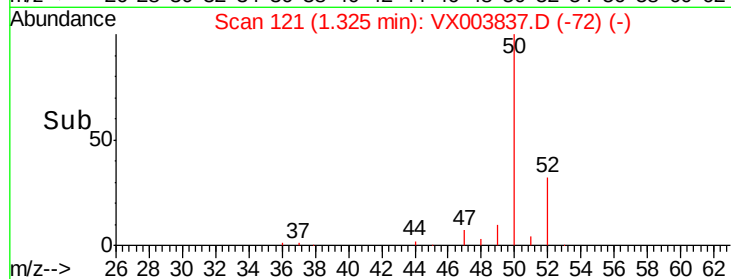
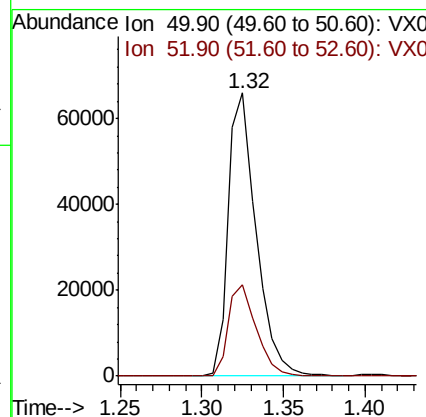
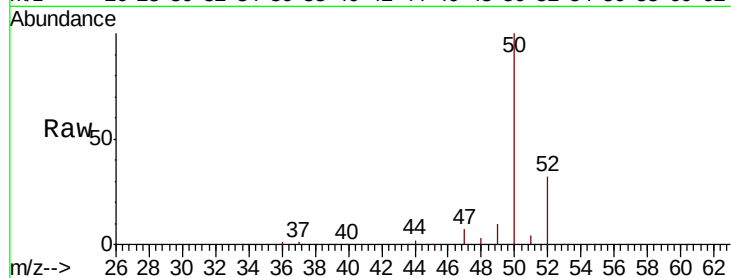
ICVVX080318

Tgt Ion: 50 Resp: 78541

Ion Ratio Lower Upper

50 100

52 32.3 25.8 38.8



#4

Vinyl Chloride

Concen: 50.840 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX003837.D

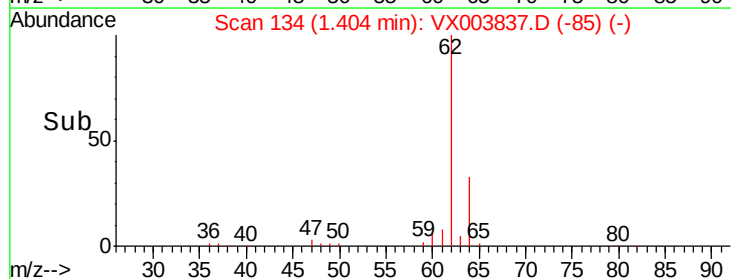
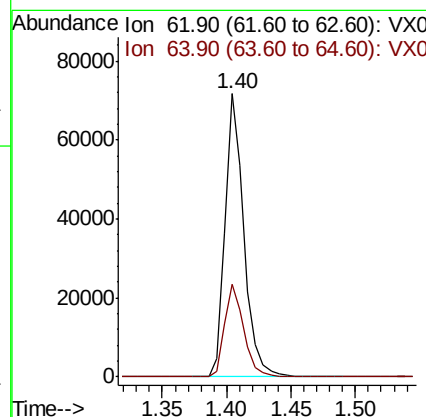
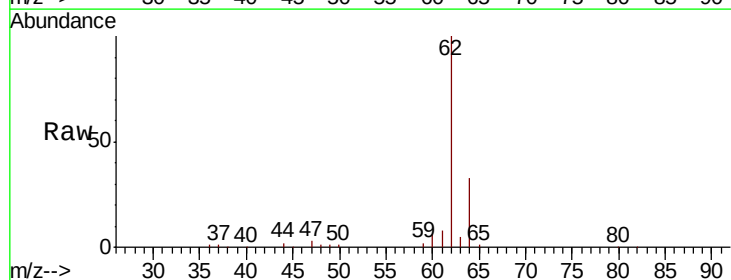
Acq: 02 Aug 2018 21:36

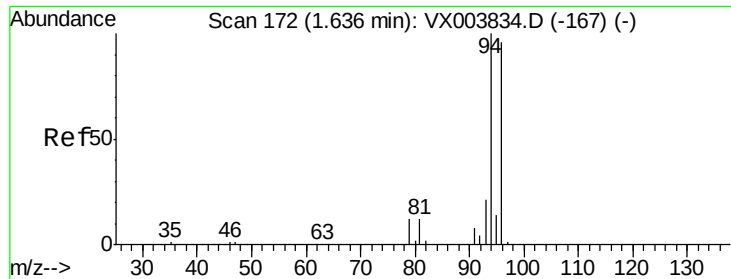
Tgt Ion: 62 Resp: 74067

Ion Ratio Lower Upper

62 100

64 32.6 25.3 37.9





#5

Bromomethane

Concen: 56.551 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

Instrument :

MSVOA_X

ClientSampleId :

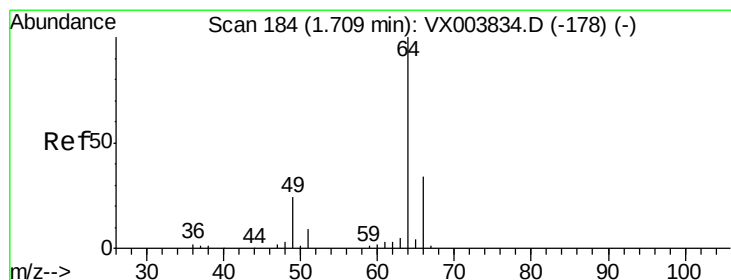
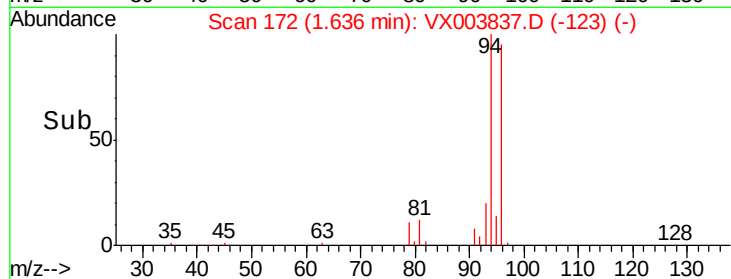
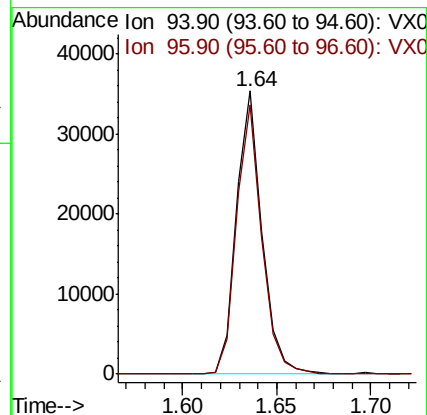
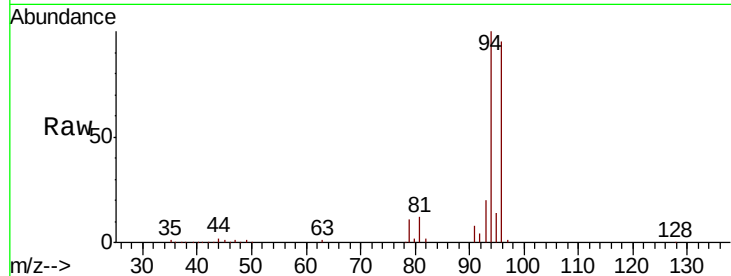
ICVVX080318

Tgt Ion: 94 Resp: 33239

Ion Ratio Lower Upper

94 100

96 95.0 76.9 115.3



#6

Chloroethane

Concen: 43.351 ug/l

RT: 1.72 min Scan# 185

Delta R.T. 0.01 min

Lab File: VX003837.D

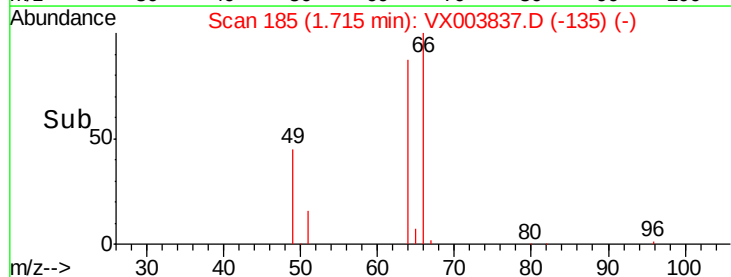
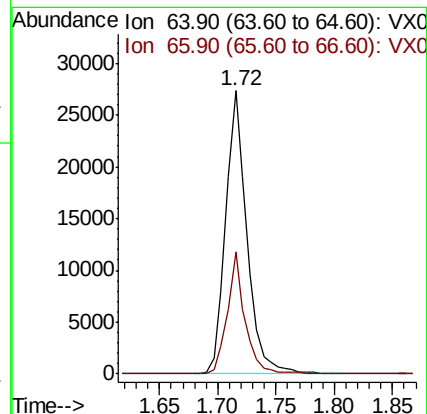
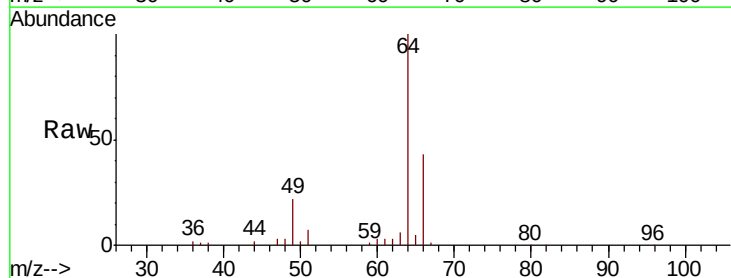
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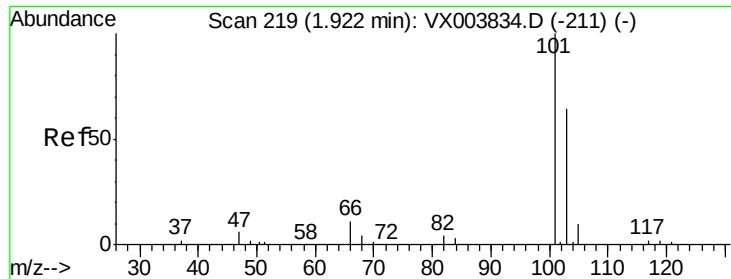
Tgt Ion: 64 Resp: 34393

Ion Ratio Lower Upper

64 100

66 43.1 27.2 40.8#



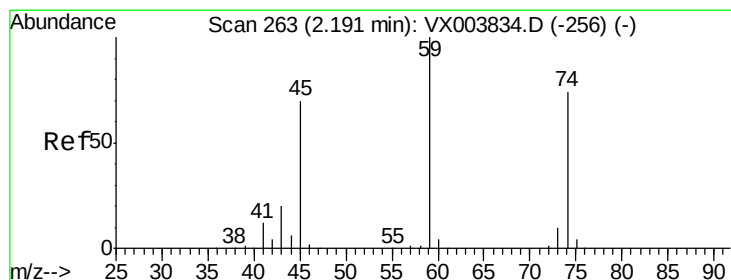
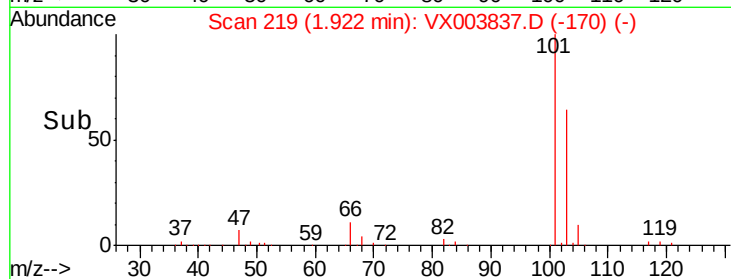
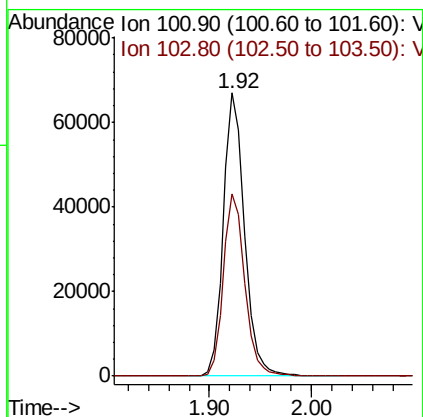
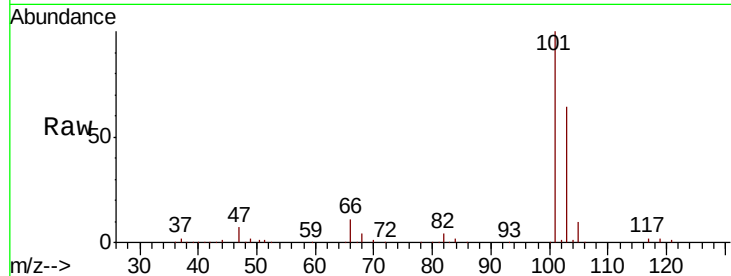


#7

Trichlorofluoromethane
 Concen: 52.740 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

Instrument :
 MSVOA_X
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 ICVVX080318

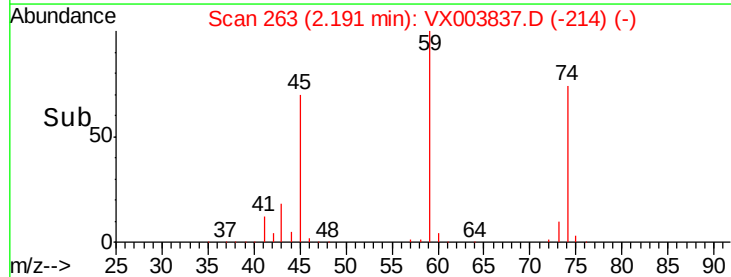
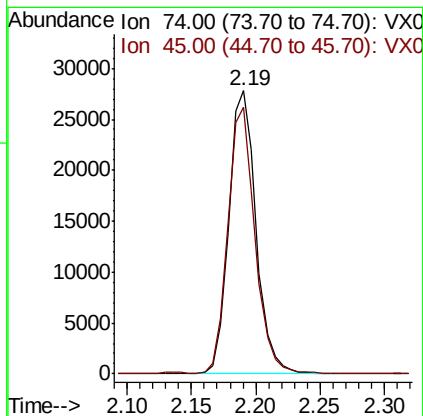
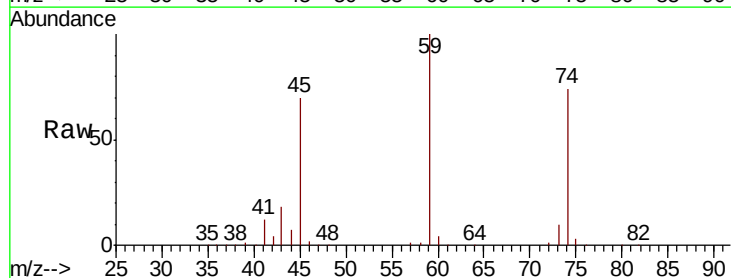
Tgt Ion:101 Resp: 97003
 Ion Ratio Lower Upper
 101 100
 103 64.2 51.4 77.0

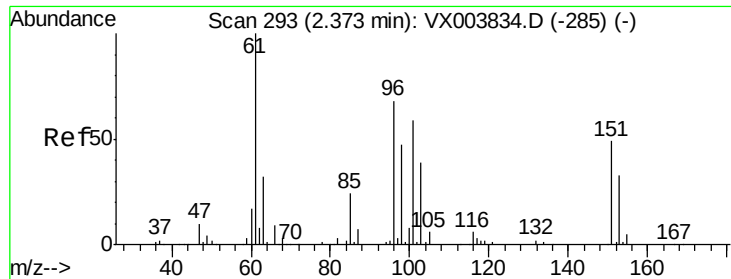


#8

Diethyl Ether
 Concen: 49.806 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

Tgt Ion: 74 Resp: 41155
 Ion Ratio Lower Upper
 74 100
 45 94.4 48.4 145.2





#9

1,1,2-Trichlorotrifluoroethane

Concen: 50.249 ug/l

RT: 2.38 min Scan# 294

Delta R.T. 0.01 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080318

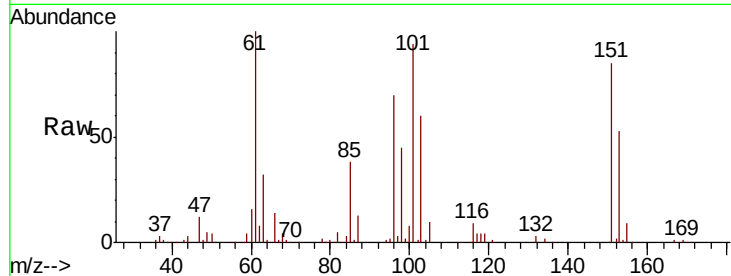
Tgt Ion:101 Resp: 57886

Ion Ratio Lower Upper

101 100

85 41.5 33.6 50.4

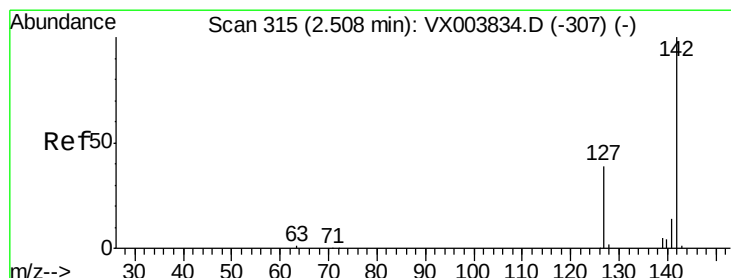
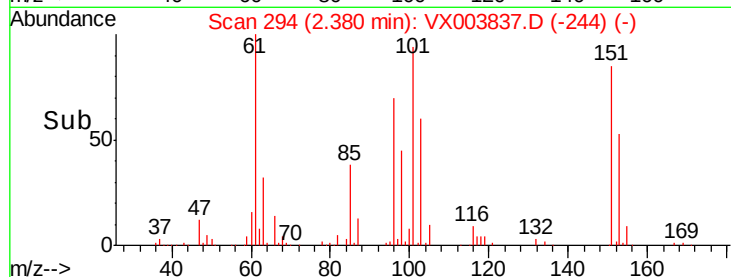
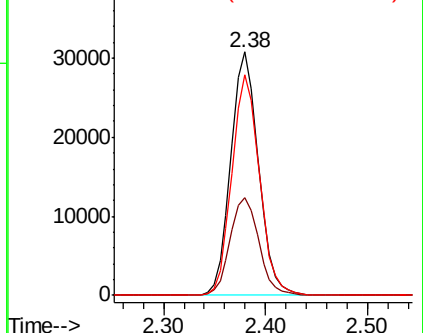
151 90.1 71.0 106.4



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: 52.853 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

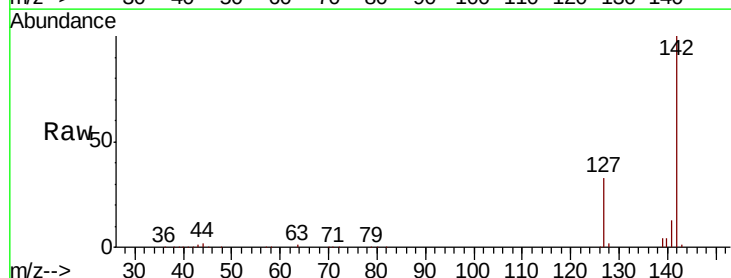
Tgt Ion:142 Resp: 85942

Ion Ratio Lower Upper

142 100

127 38.2 31.8 47.8

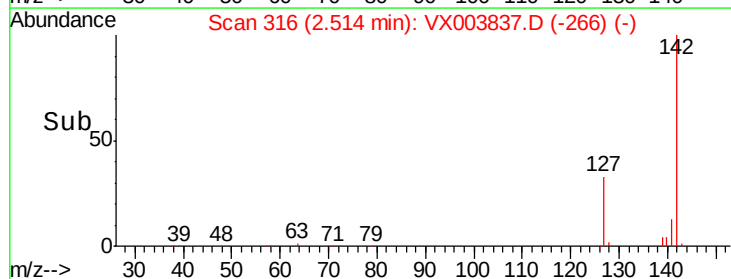
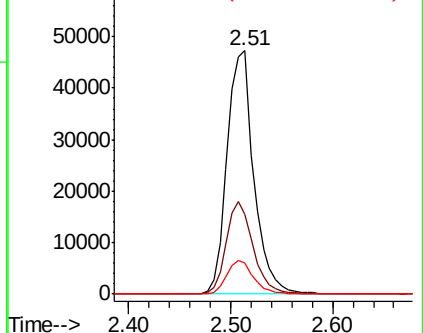
141 13.8 11.3 16.9

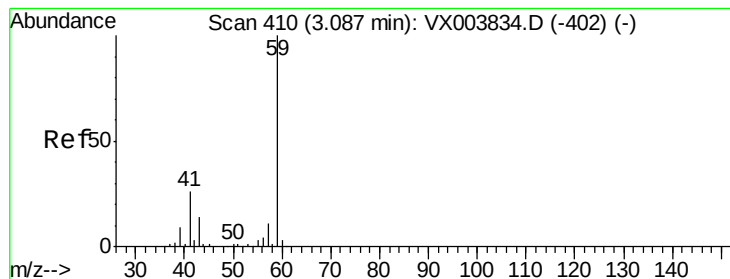


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



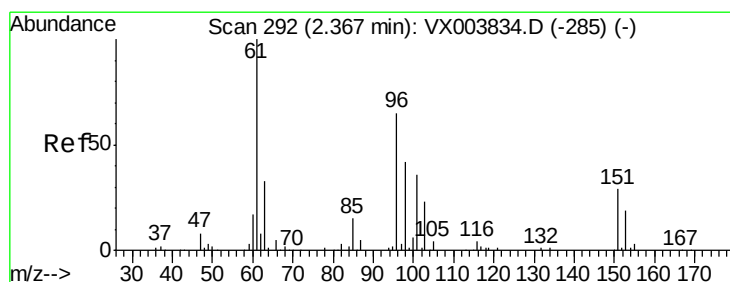
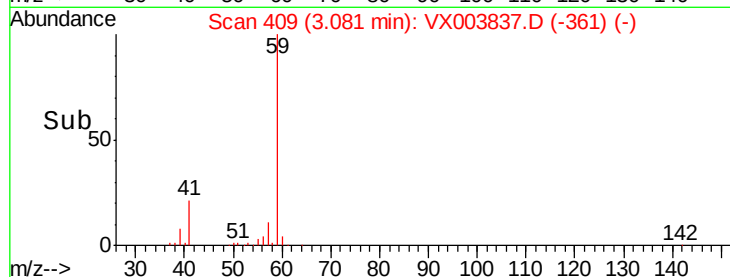
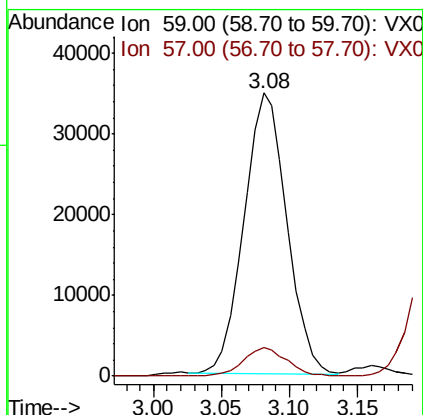
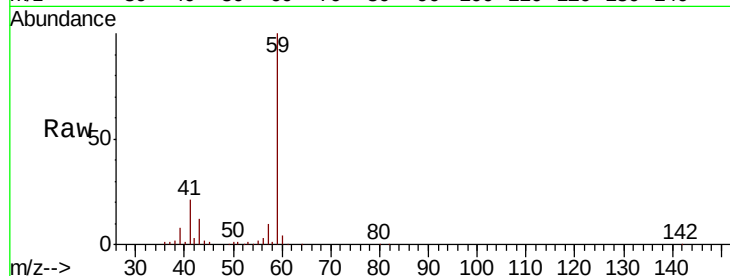


#11

Tert butyl alcohol
 Concen: 230.769 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080318

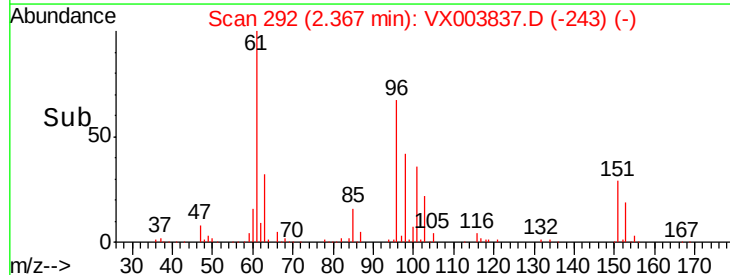
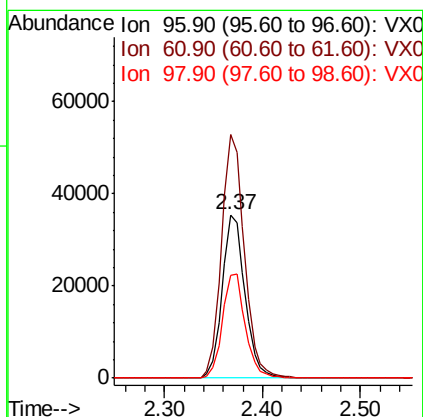
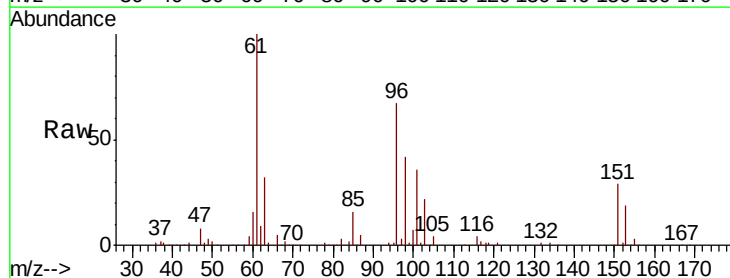
Tgt Ion: 59 Resp: 76413
 Ion Ratio Lower Upper
 59 100
 57 10.4 8.2 12.4

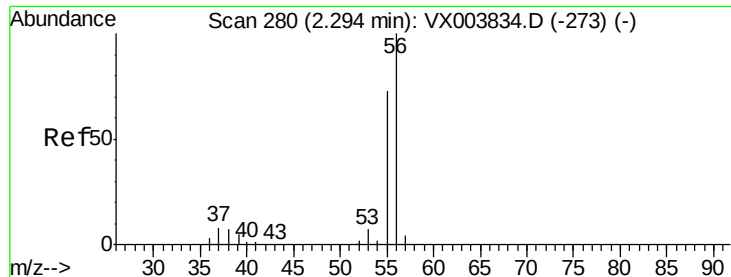


#12

1,1-Dichloroethene
 Concen: 50.045 ug/l
 RT: 2.37 min Scan# 292
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

Tgt Ion: 96 Resp: 57214
 Ion Ratio Lower Upper
 96 100
 61 149.3 122.8 184.2
 98 62.9 51.8 77.8

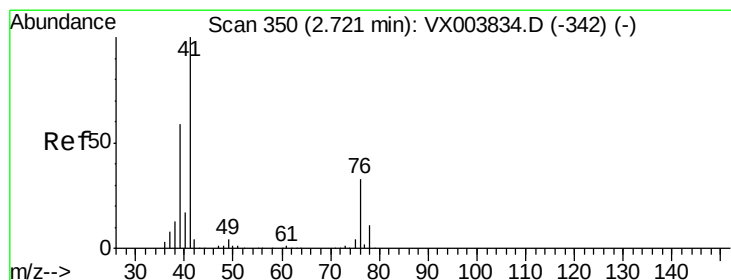
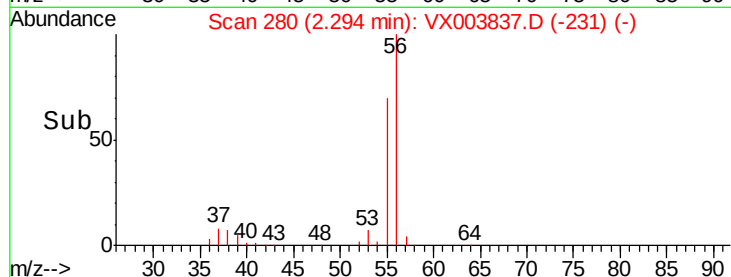
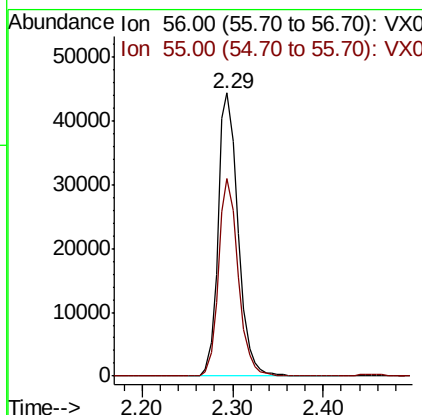
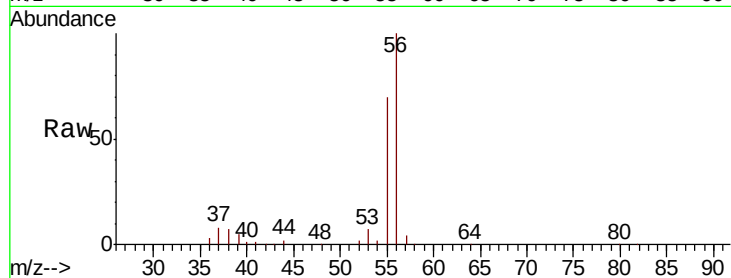




#13
 Acrolein
 Concen: 245.853 ug/l
 RT: 2.29 min Scan# 280
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

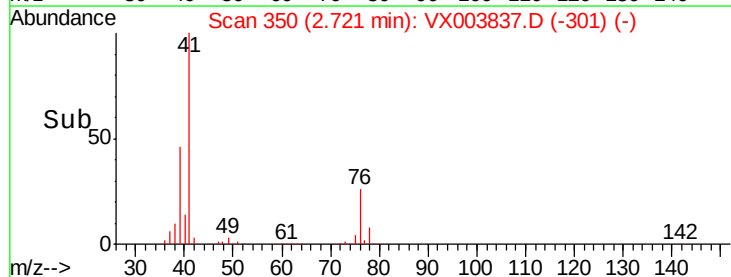
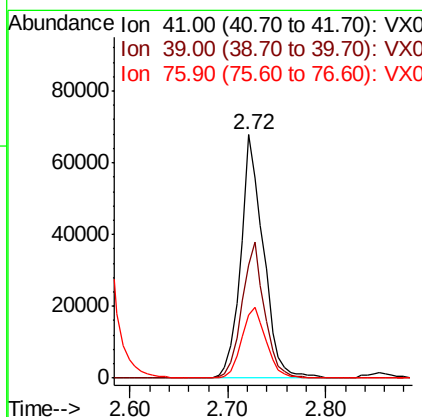
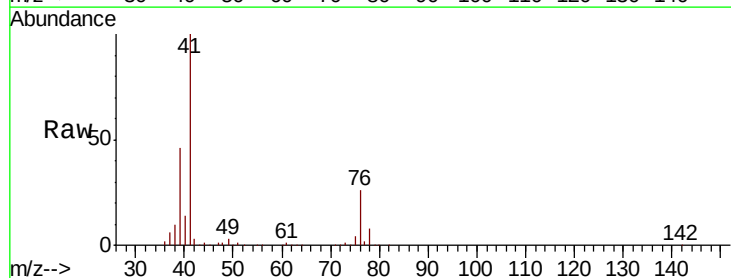
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080318

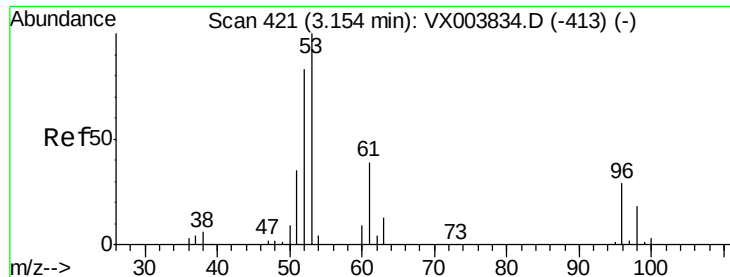
Tgt Ion: 56 Resp: 68220
 Ion Ratio Lower Upper
 56 100
 55 68.7 57.7 86.5



#14
 Allyl chloride
 Concen: 50.737 ug/l
 RT: 2.72 min Scan# 350
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

Tgt Ion: 41 Resp: 108535
 Ion Ratio Lower Upper
 41 100
 39 55.5 46.1 69.1
 76 31.7 26.8 40.2





#15

Acrylonitrile

Concen: 232.062 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080318

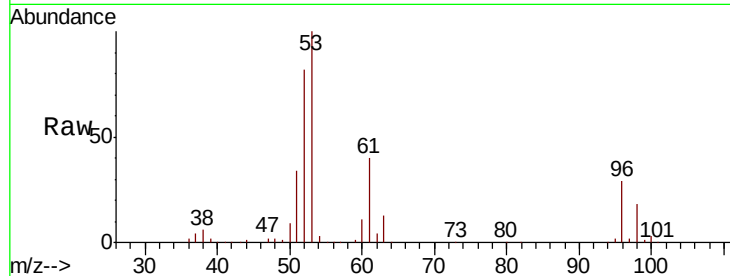
Tgt Ion: 53 Resp: 182867

Ion Ratio Lower Upper

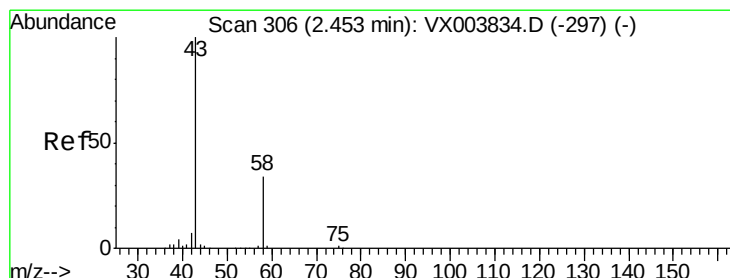
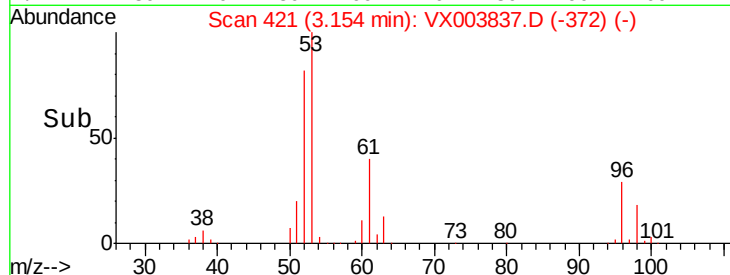
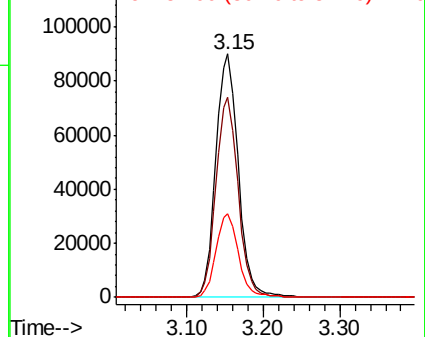
53 100

52 81.0 65.9 98.9

51 34.8 28.6 43.0



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: 221.367 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX003837.D

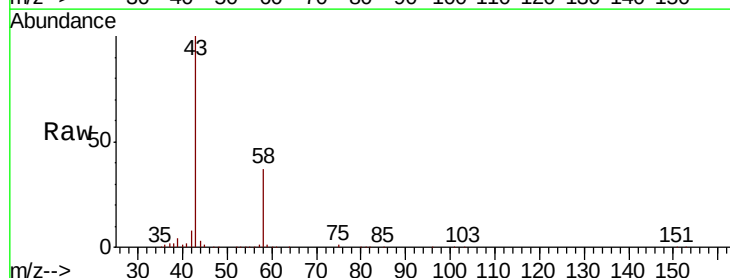
Acq: 02 Aug 2018 21:36

Tgt Ion: 43 Resp: 178095

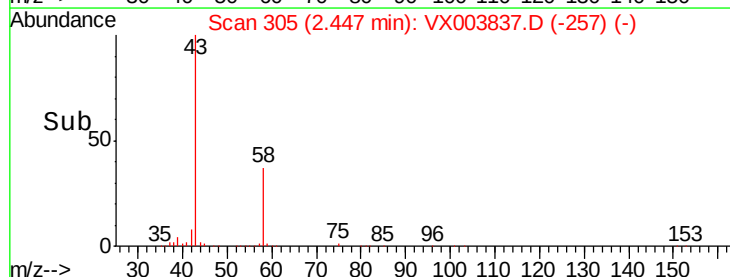
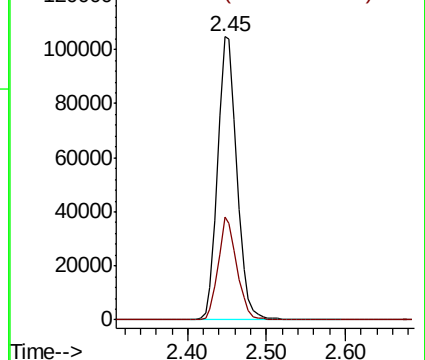
Ion Ratio Lower Upper

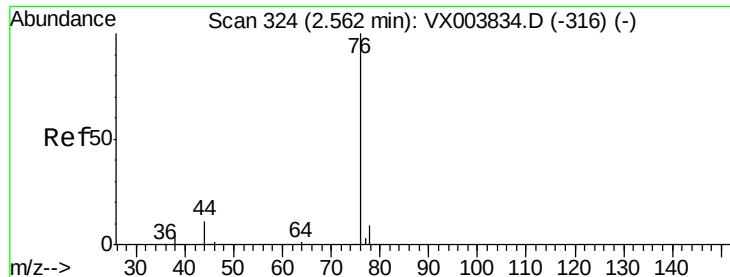
43 100

58 36.6 27.0 40.4



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

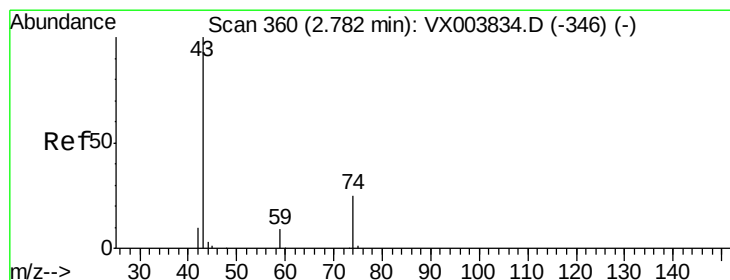
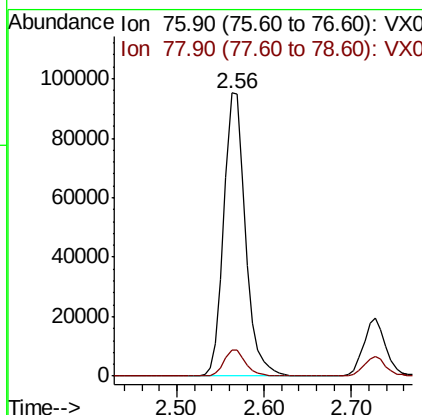
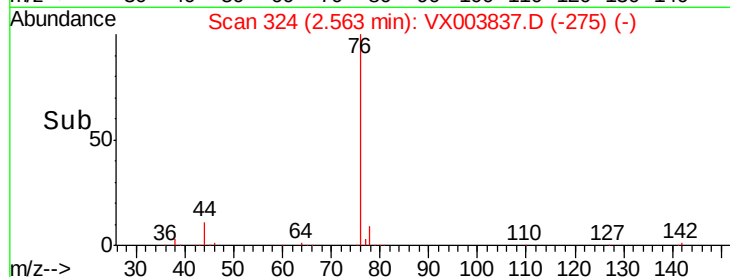
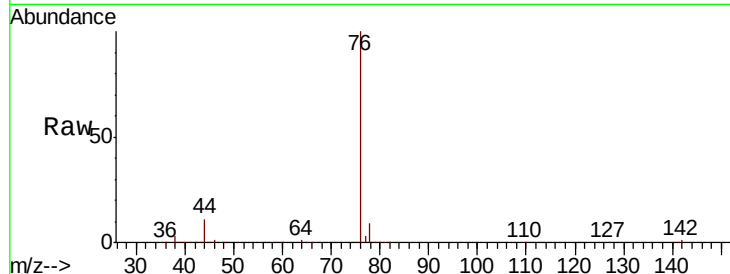




#17
Carbon Disulfide
Concen: 50.779 ug/l
RT: 2.56 min Scan# 324
Delta R.T. 0.00 min
Lab File: VX003837.D
Acq: 02 Aug 2018 21:36

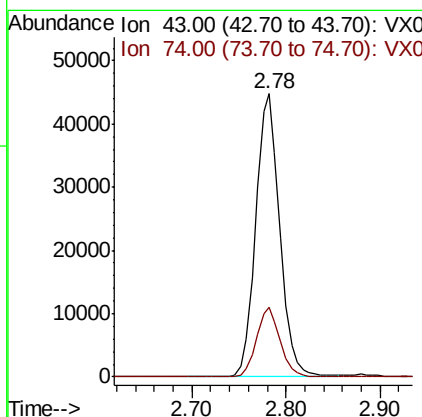
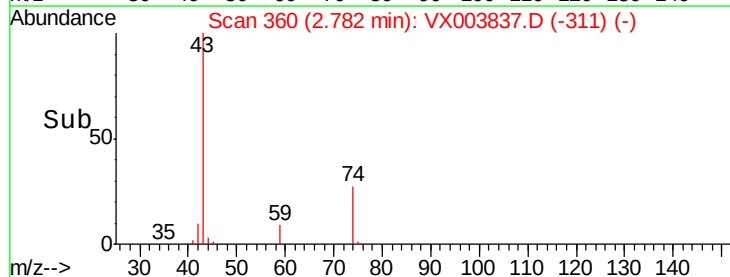
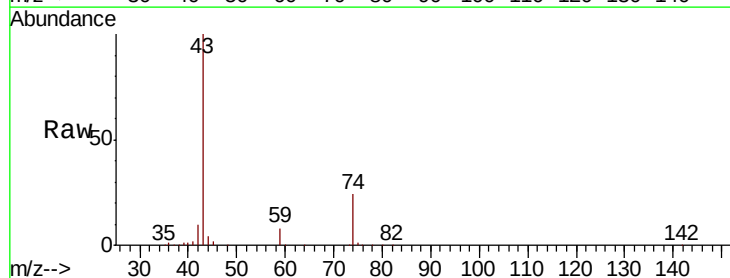
Instrument :
MSVOA_X
ClientSampleId :
ICVVX080318

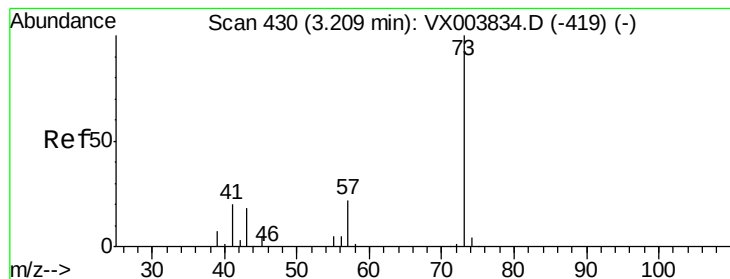
Tgt Ion: 76 Resp: 164001
Ion Ratio Lower Upper
76 100
78 9.2 7.4 11.0



#18
Methyl Acetate
Concen: 48.244 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX003837.D
Acq: 02 Aug 2018 21:36

Tgt Ion: 43 Resp: 80007
Ion Ratio Lower Upper
43 100
74 24.2 19.2 28.8



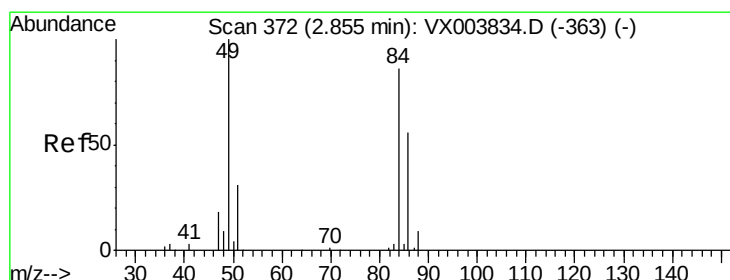
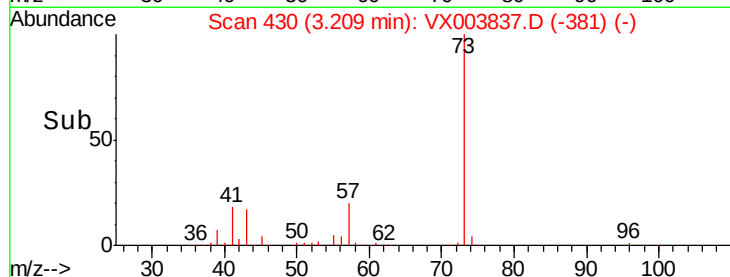
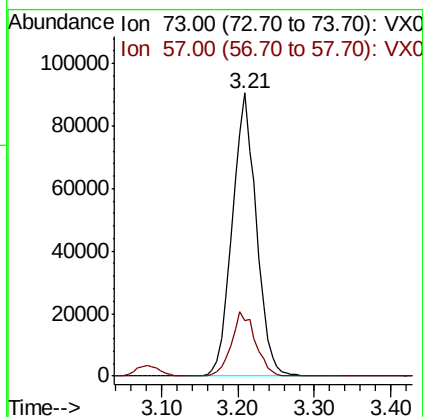
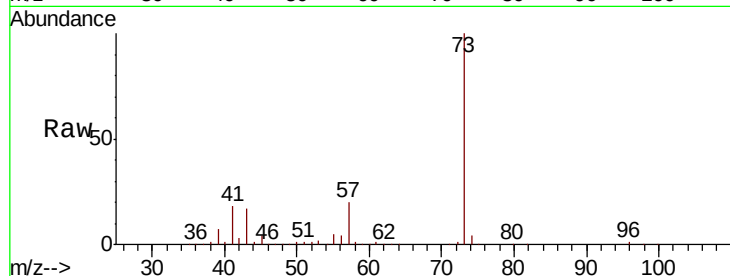


#19

Methyl tert-butyl Ether
 Concen: 48.662 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080318

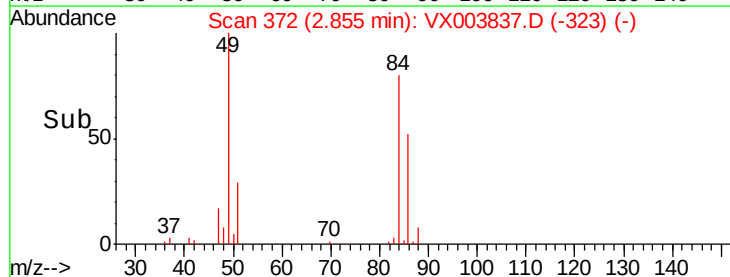
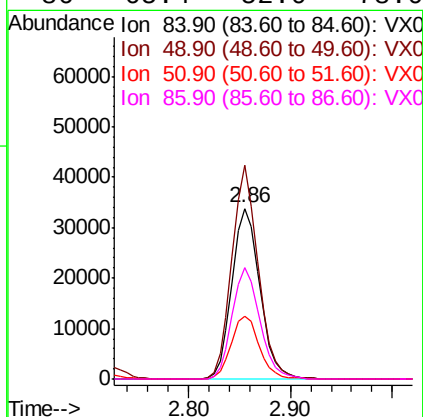
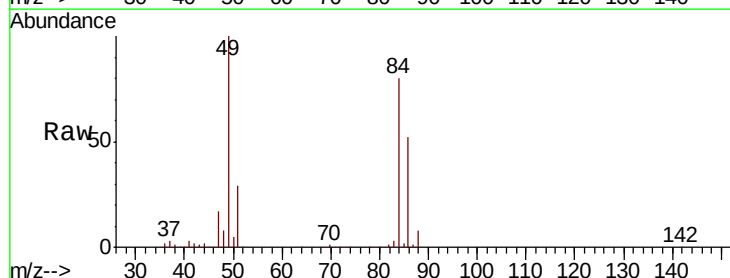
Tgt Ion: 73 Resp: 196727
 Ion Ratio Lower Upper
 73 100
 57 19.8 17.5 26.3

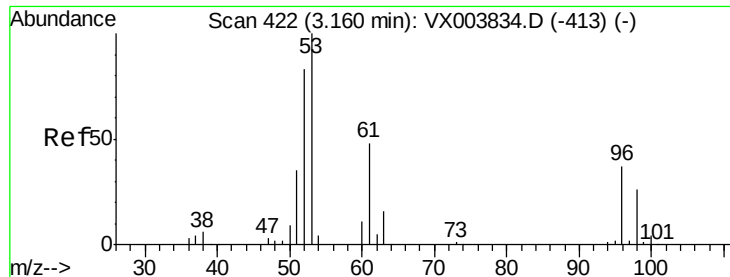


#20

Methylene Chloride
 Concen: 45.416 ug/l
 RT: 2.86 min Scan# 372
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

Tgt Ion: 84 Resp: 64273
 Ion Ratio Lower Upper
 84 100
 49 125.3 93.2 139.8
 51 36.7 29.2 43.8
 86 65.4 52.0 78.0





#21

trans-1,2-Dichloroethene

Concen: 48.038 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.00 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080318

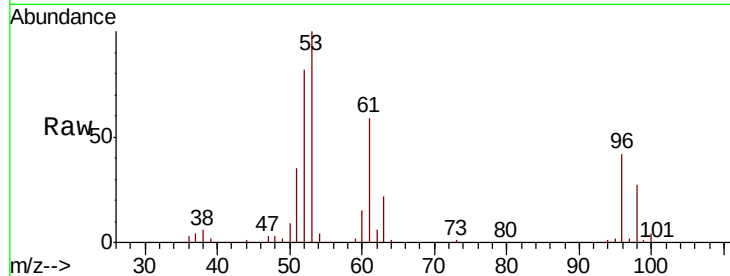
Tgt Ion: 96 Resp: 61272

Ion Ratio Lower Upper

96 100

61 140.4 104.2 156.4

98 63.4 57.0 85.6

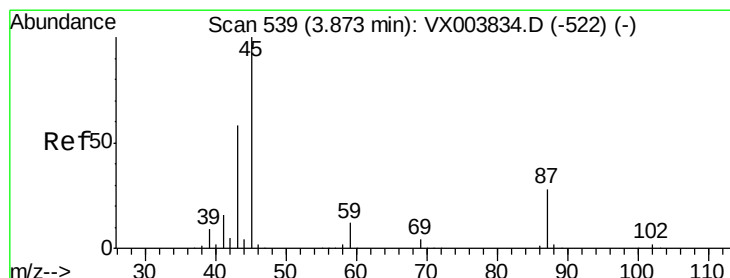
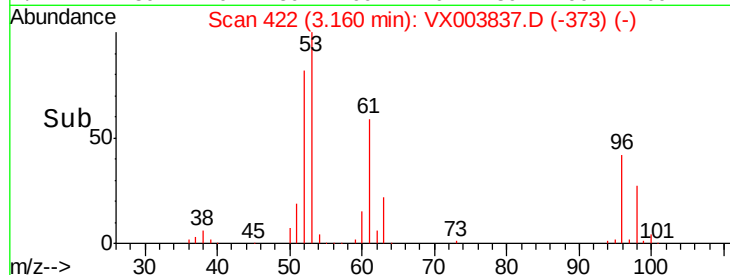
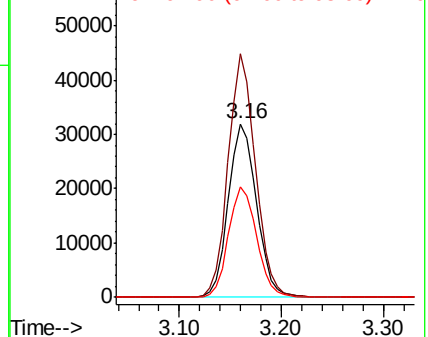


Abundance

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: 48.091 ug/l

RT: 3.87 min Scan# 539

Delta R.T. 0.00 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

Tgt Ion: 45 Resp: 199371

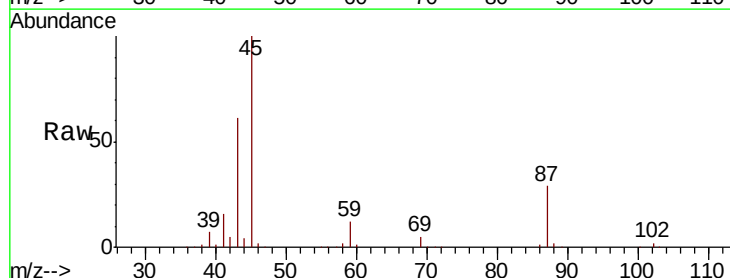
Ion Ratio Lower Upper

45 100

43 60.5 46.4 69.6

87 29.0 22.4 33.6

59 11.6 9.4 14.2



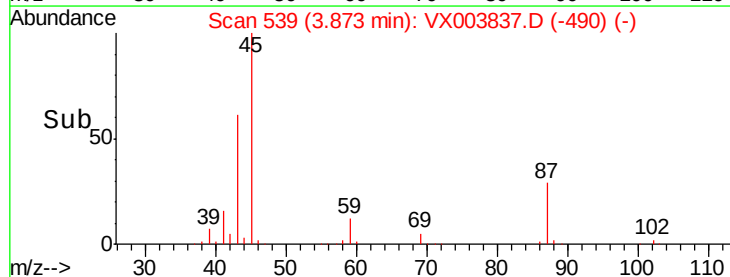
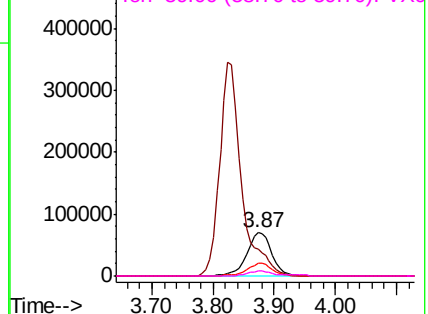
Abundance

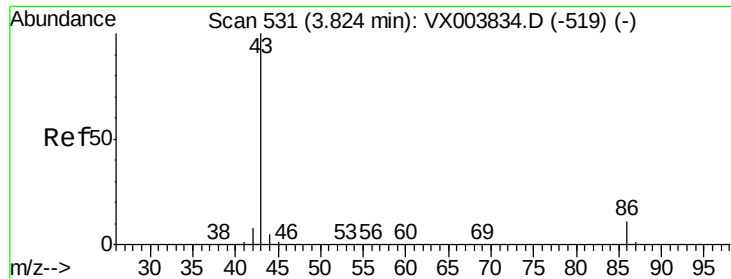
Ion 45.00 (44.70 to 45.70): VX0

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: 251.589 ug/l

RT: 3.82 min Scan# 531

Delta R.T. 0.00 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

Instrument :

MSVOA_X

ClientSampleId :

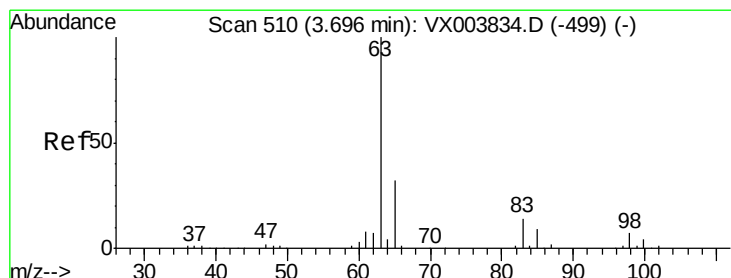
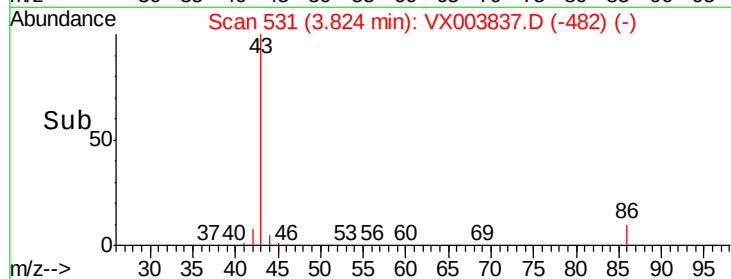
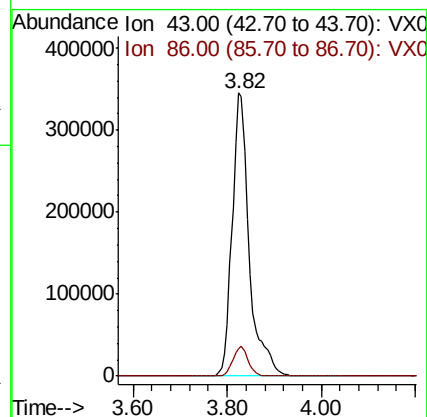
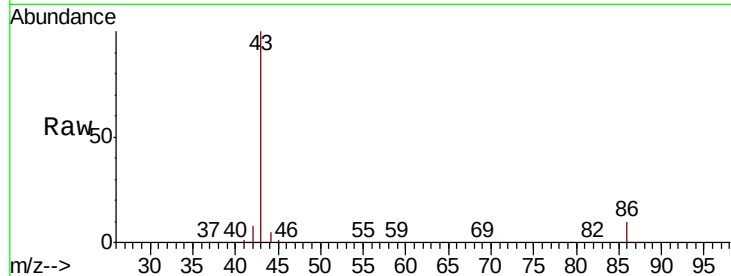
ICVVX080318

Tgt Ion: 43 Resp: 866688

Ion Ratio Lower Upper

43 100

86 9.8 8.8 13.2



#24

1,1-Dichloroethane

Concen: 48.248 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

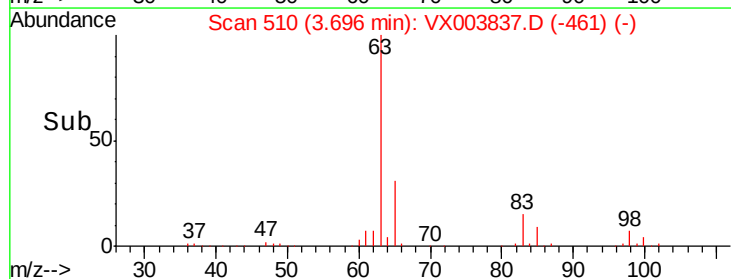
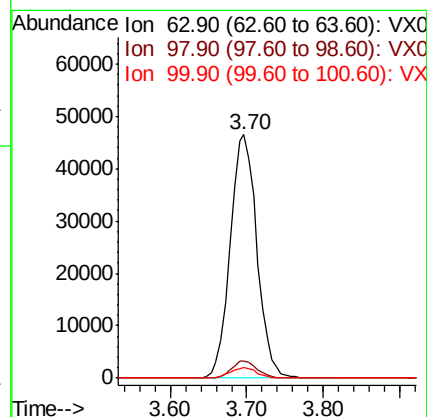
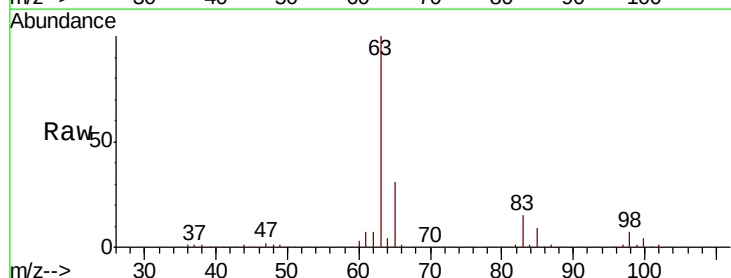
Tgt Ion: 63 Resp: 111805

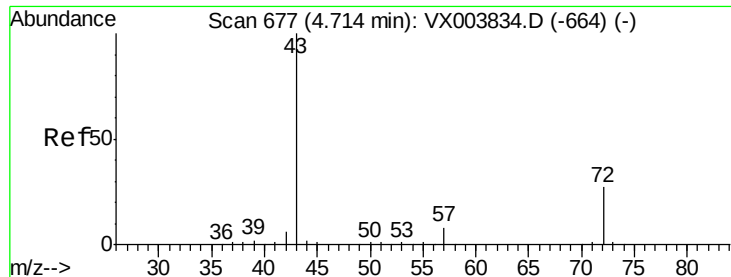
Ion Ratio Lower Upper

63 100

98 7.0 3.3 9.9

100 4.4 2.3 6.8





#25

2-Butanone

Concen: 231.797 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

Instrument :

MSVOA_X

ClientSampleId :

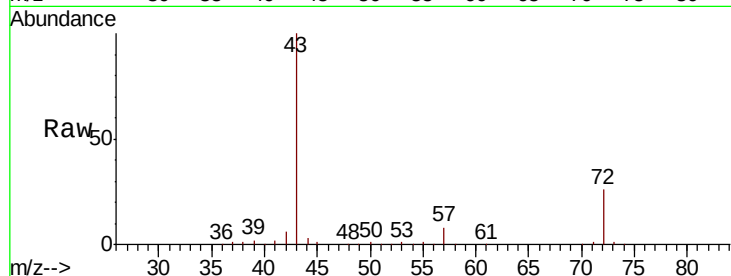
ICVVX080318

Tgt Ion: 43 Resp: 316863

Ion Ratio Lower Upper

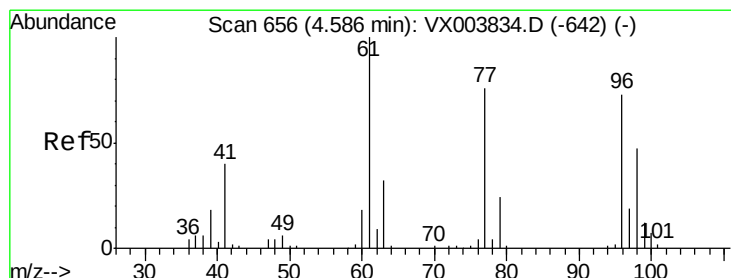
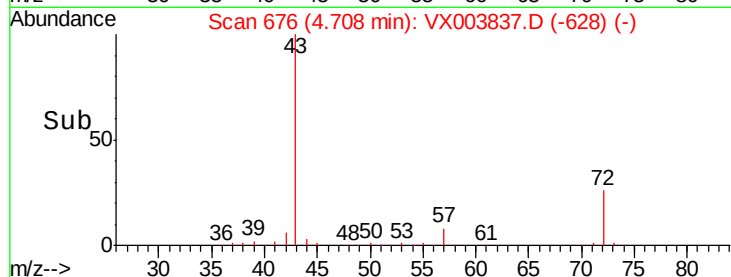
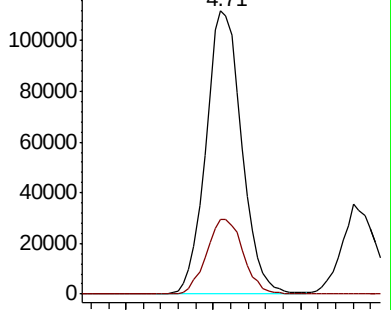
43 100

72 26.4 21.5 32.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 44.599 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX003837.D

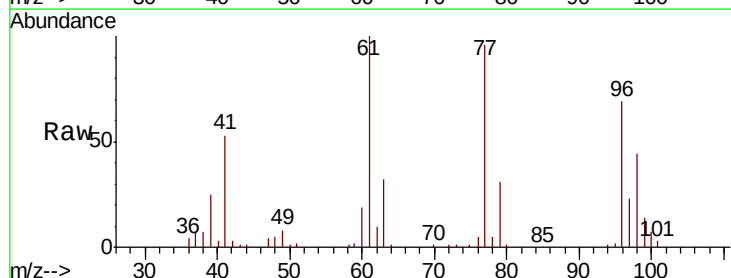
Acq: 02 Aug 2018 21:36

Tgt Ion: 77 Resp: 69607

Ion Ratio Lower Upper

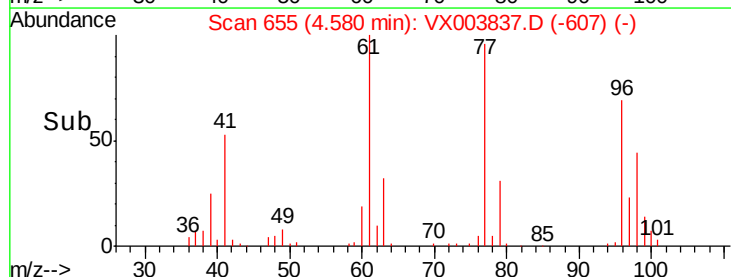
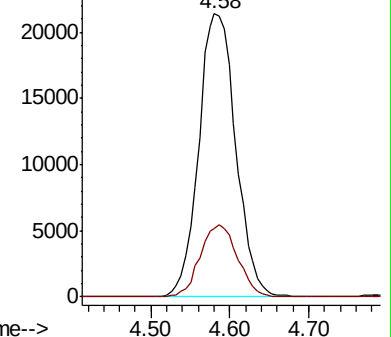
77 100

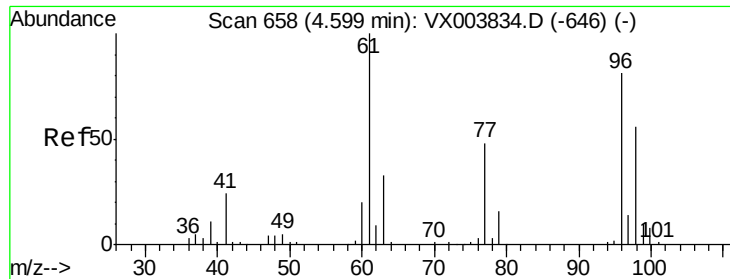
97 25.7 12.8 38.3



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0



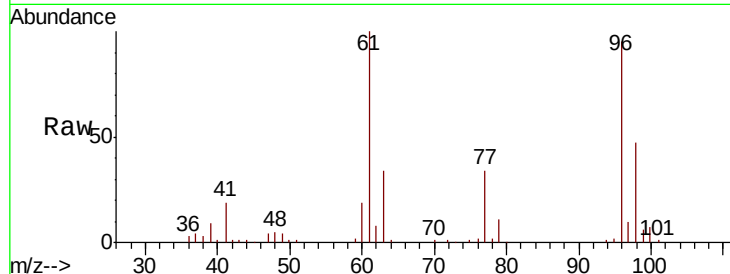


#27

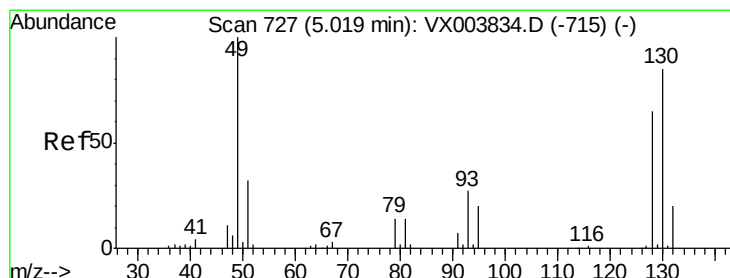
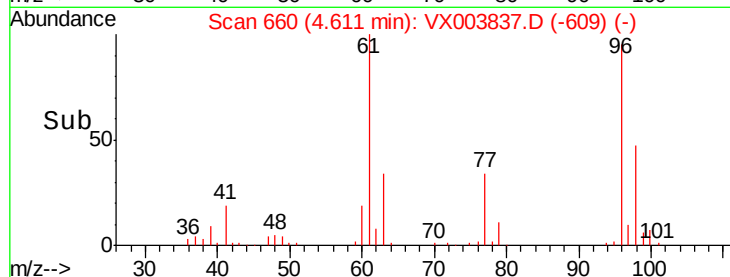
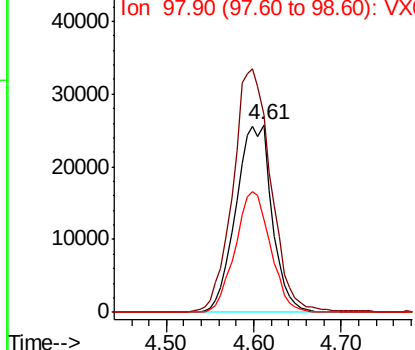
cis-1,2-Dichloroethene
 Concen: 50.429 ug/l
 RT: 4.61 min Scan# 660
 Delta R.T. 0.01 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080318

Tgt Ion: 96 Resp: 73858
 Ion Ratio Lower Upper
 96 100
 61 137.9 0.0 283.6
 98 63.0 0.0 130.0



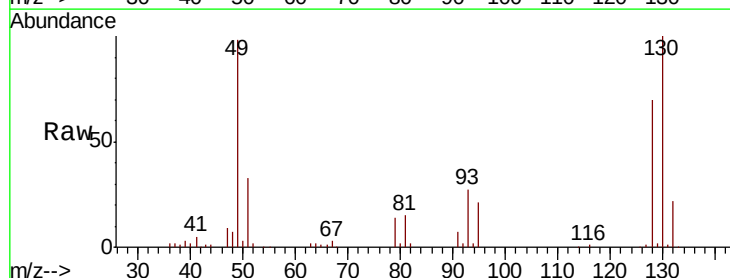
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



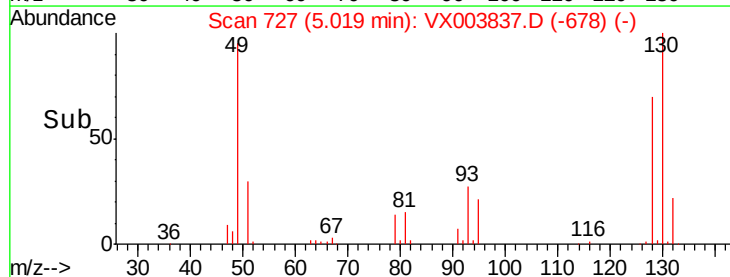
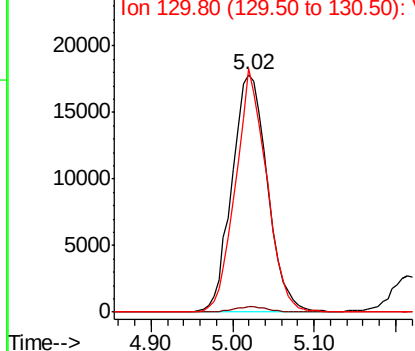
#28

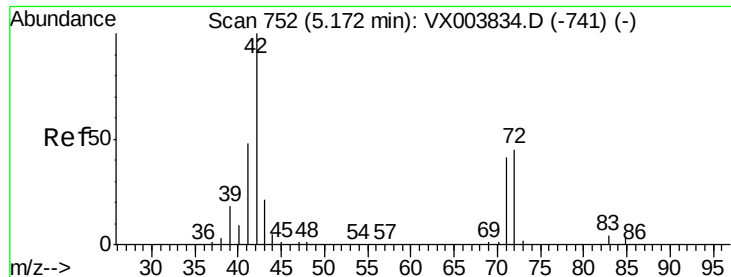
Bromochloromethane
 Concen: 48.775 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

Tgt Ion: 49 Resp: 53898
 Ion Ratio Lower Upper
 49 100
 129 2.1 0.0 4.2
 130 89.3 68.9 103.3



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

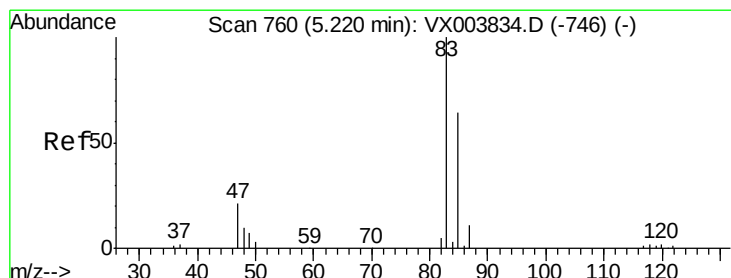
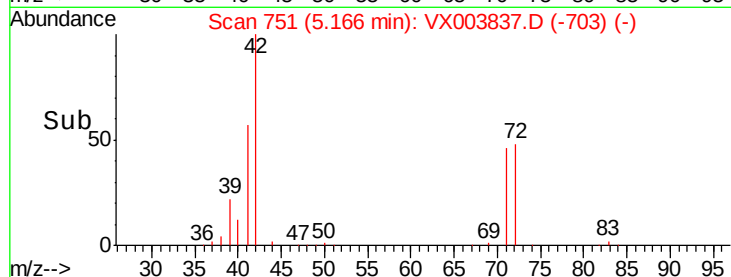
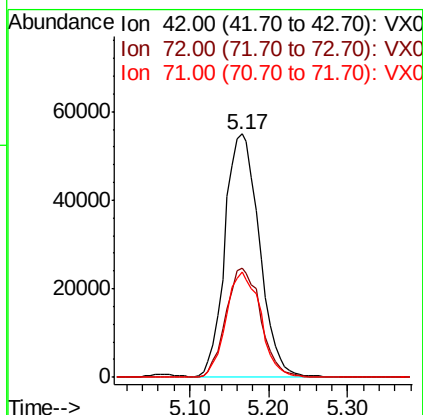
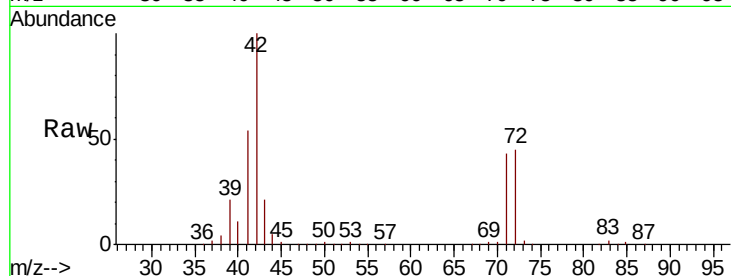




#29
Tetrahydrofuran
Concen: 238.336 ug/l
RT: 5.17 min Scan# 751
Delta R.T. -0.01 min
Lab File: VX003837.D
Acq: 02 Aug 2018 21:36

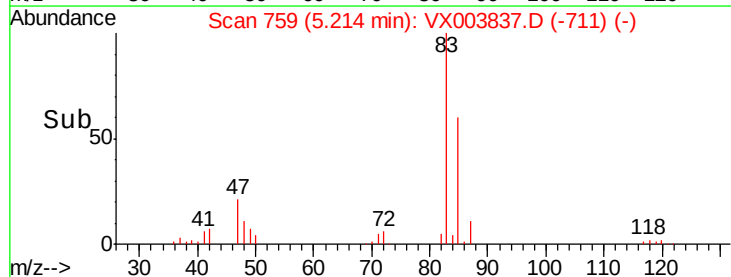
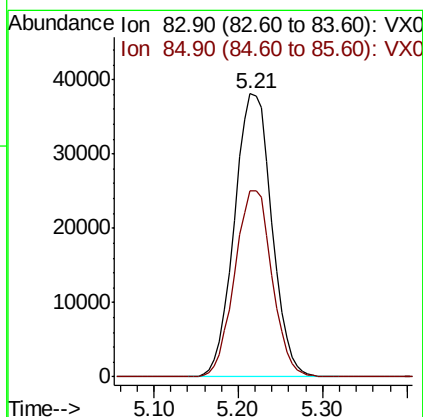
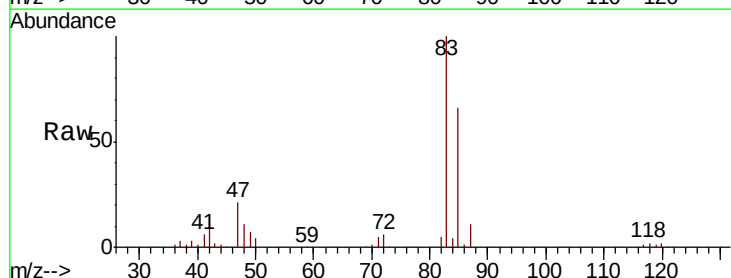
Instrument :
MSVOA_X
ClientSampleId :
ICVVX080318

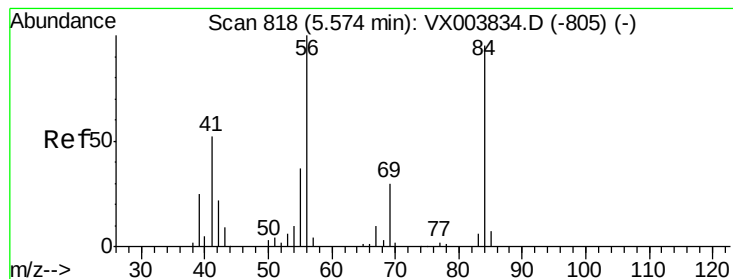
Tgt Ion: 42 Resp: 166555
Ion Ratio Lower Upper
42 100
72 45.8 36.1 54.1
71 43.6 33.6 50.4



#30
Chloroform
Concen: 47.226 ug/l
RT: 5.21 min Scan# 759
Delta R.T. -0.01 min
Lab File: VX003837.D
Acq: 02 Aug 2018 21:36

Tgt Ion: 83 Resp: 114333
Ion Ratio Lower Upper
83 100
85 65.7 51.5 77.3





#31

Cyclohexane

Concen: 54.033 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080318

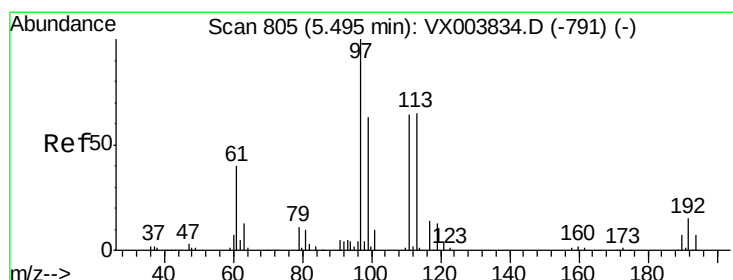
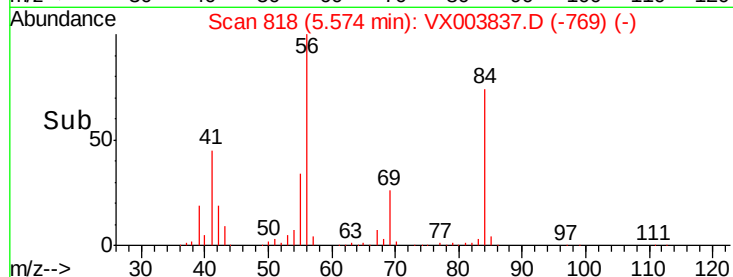
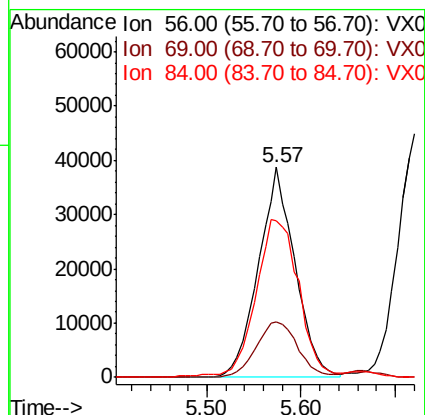
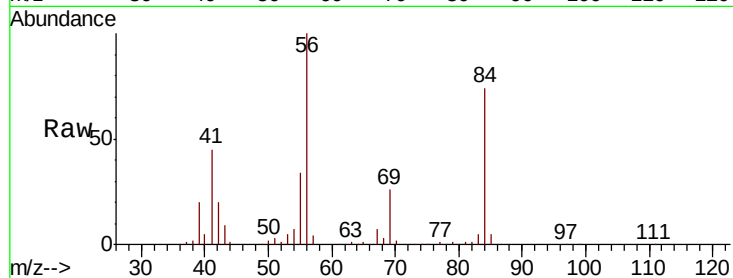
Tgt Ion: 56 Resp: 104994

Ion Ratio Lower Upper

56 100

69 26.2 23.7 35.5

84 73.5 75.7 113.5#



#32

1,1,1-Trichloroethane

Concen: 50.009 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

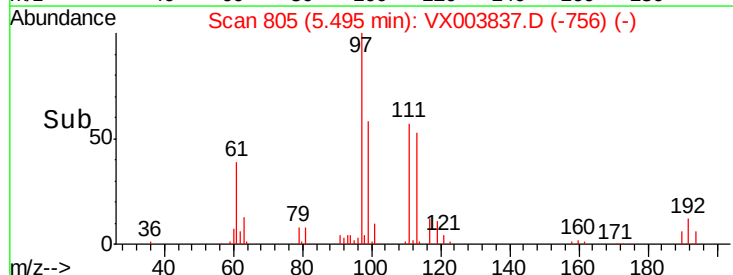
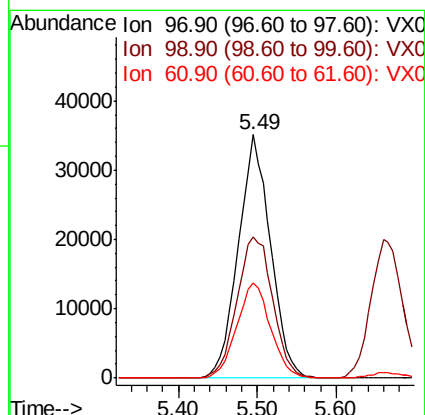
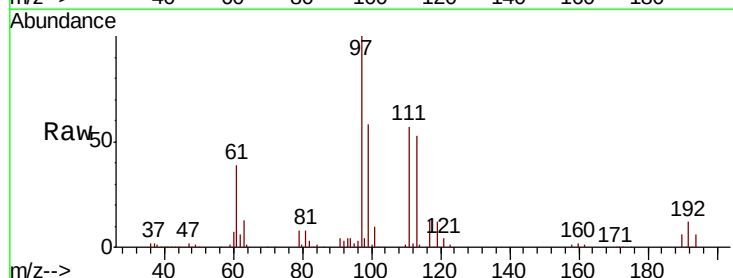
Tgt Ion: 97 Resp: 99550

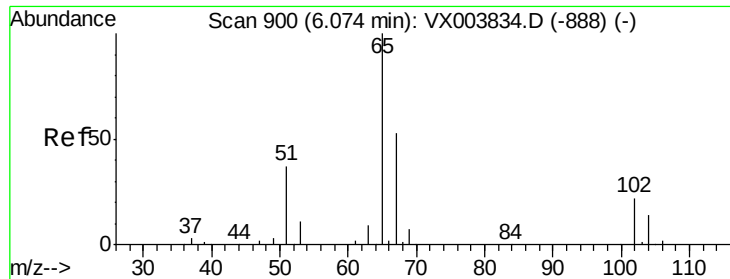
Ion Ratio Lower Upper

97 100

99 64.4 51.8 77.6

61 41.1 33.3 49.9

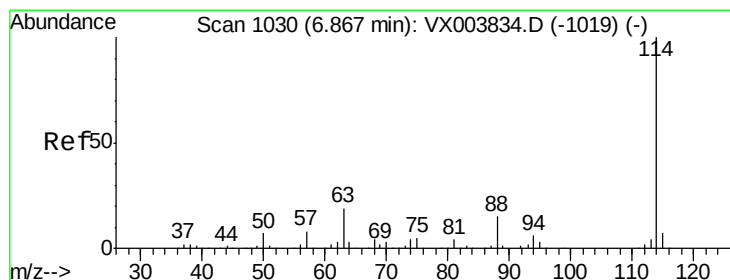
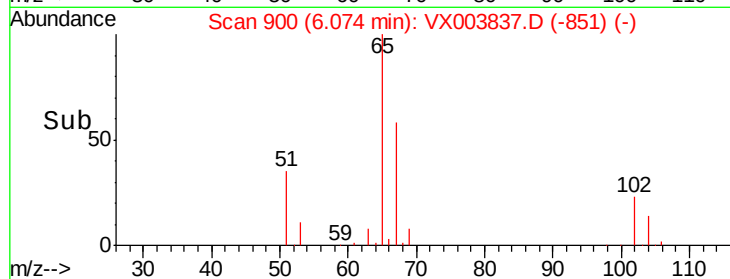
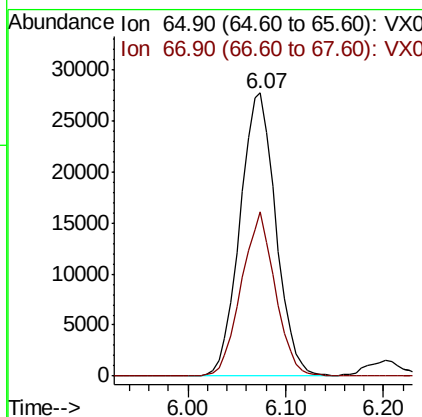
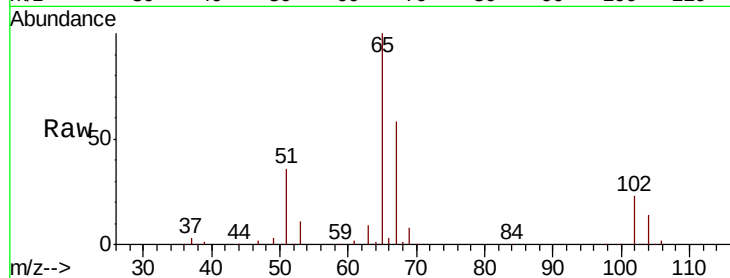




#33
 1,2-Dichloroethane-d4
 Concen: 46.148 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

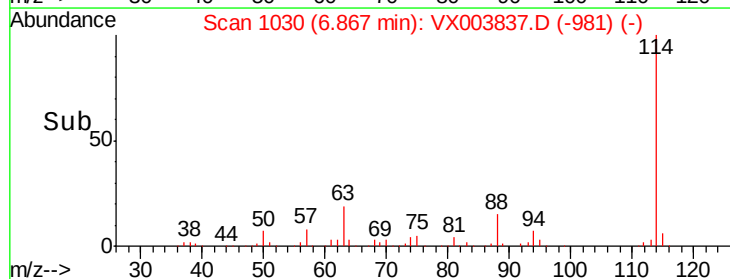
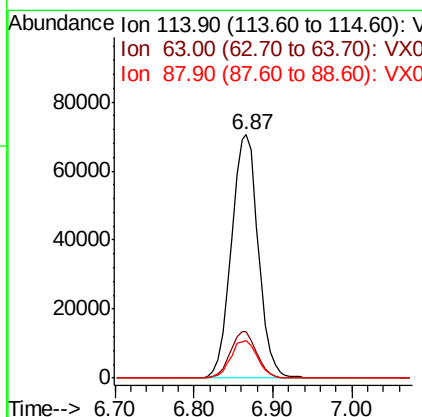
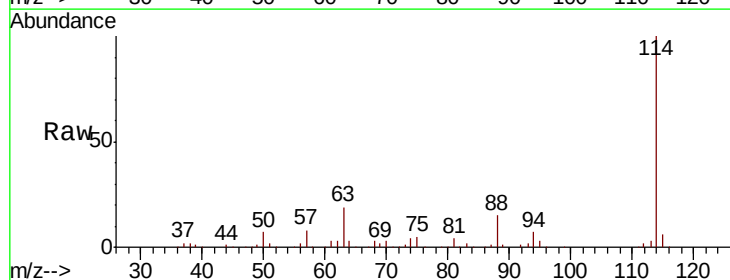
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080318

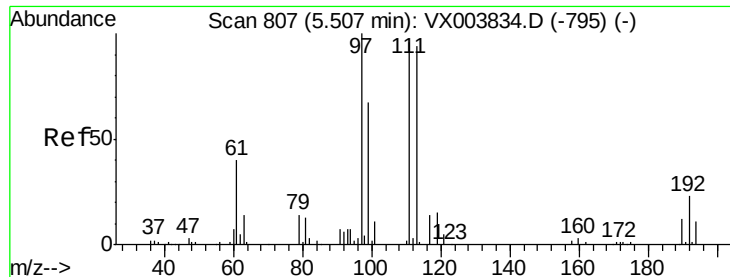
Tgt Ion: 65 Resp: 70568
 Ion Ratio Lower Upper
 65 100
 67 54.7 0.0 107.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

Tgt Ion: 114 Resp: 166338
 Ion Ratio Lower Upper
 114 100
 63 19.3 0.0 38.2
 88 15.4 0.0 29.6

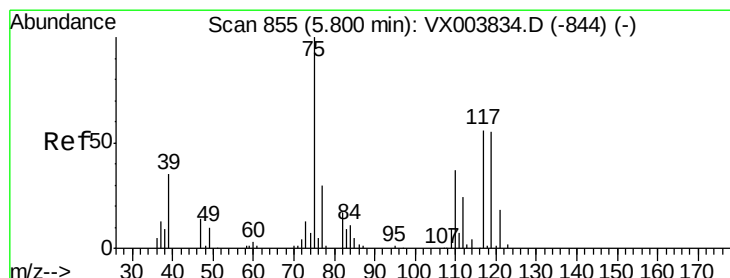
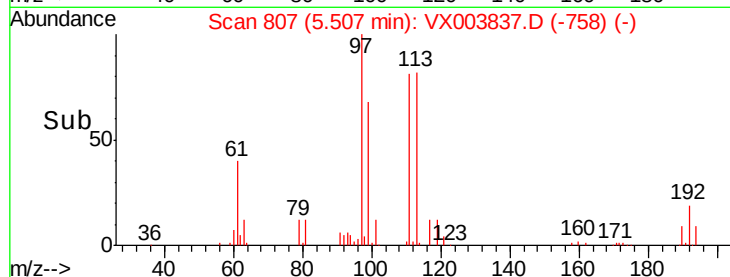
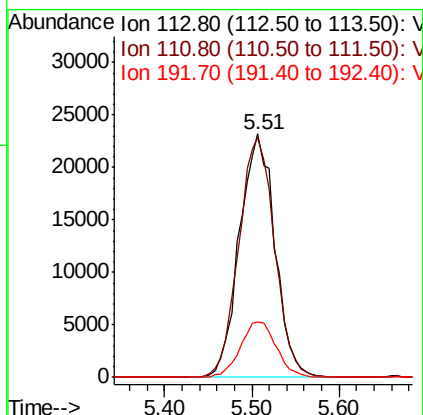
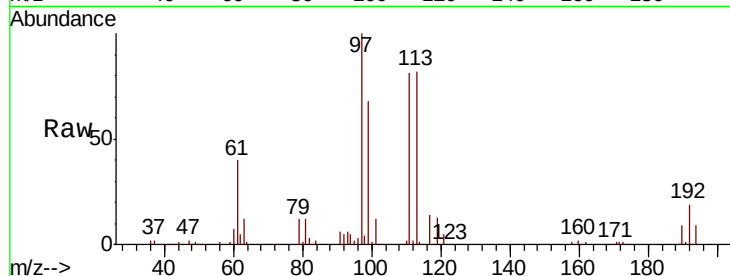




#35
 Dibromofluoromethane
 Concen: 49.906 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

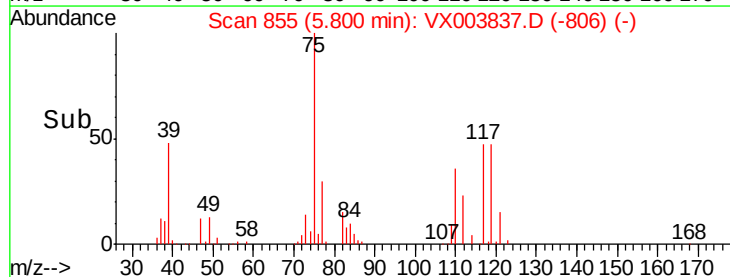
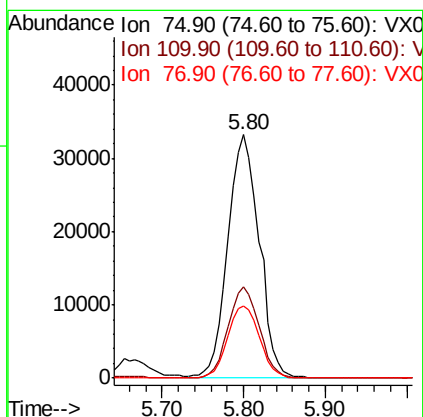
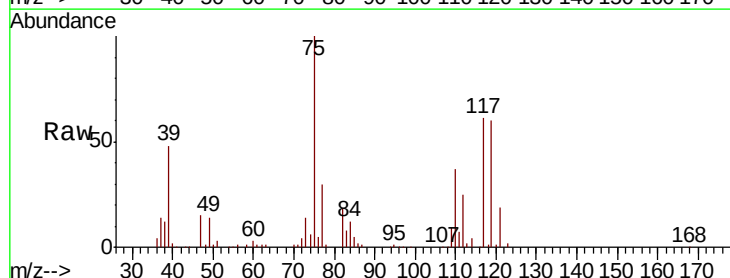
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080318

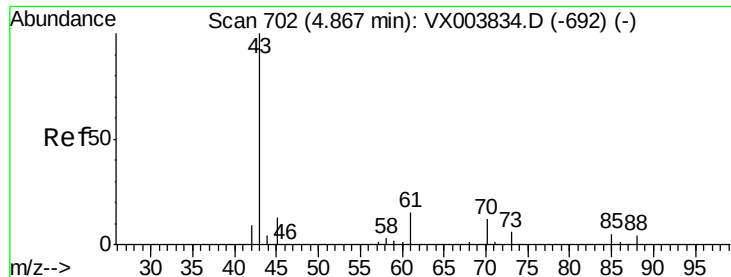
Tgt Ion:113 Resp: 65225
 Ion Ratio Lower Upper
 113 100
 111 99.5 81.1 121.7
 192 23.1 19.7 29.5



#36
 1,1-Dichloropropene
 Concen: 49.961 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

Tgt Ion: 75 Resp: 88448
 Ion Ratio Lower Upper
 75 100
 110 36.8 18.6 55.8
 77 30.2 24.9 37.3

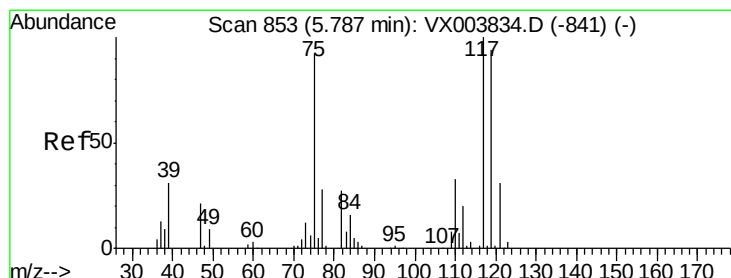
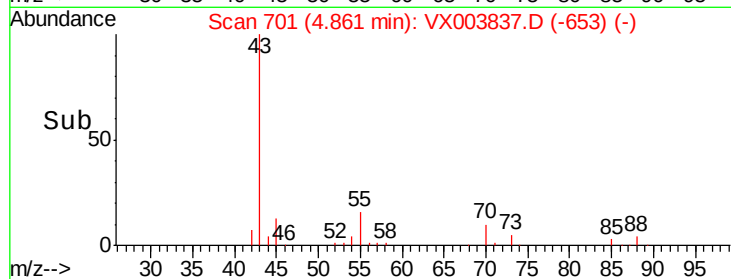
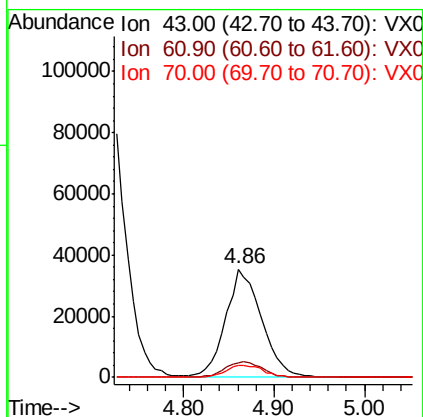
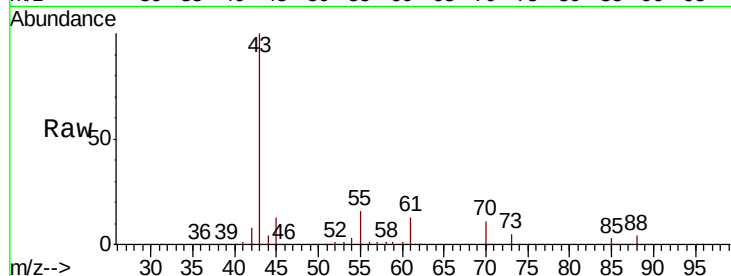




#37
 Ethyl Acetate
 Concen: 46.776 ug/l
 RT: 4.86 min Scan# 701
 Delta R.T. -0.01 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

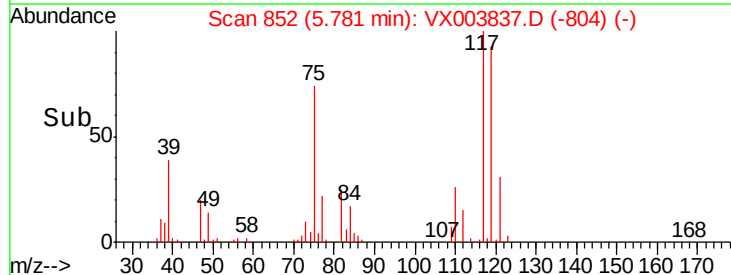
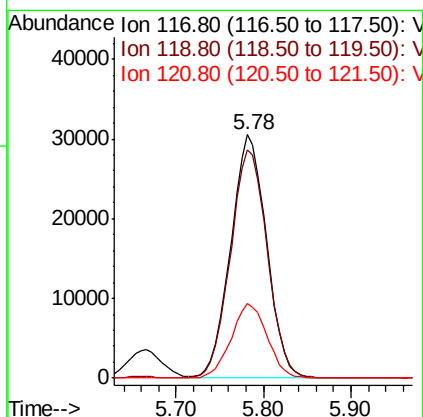
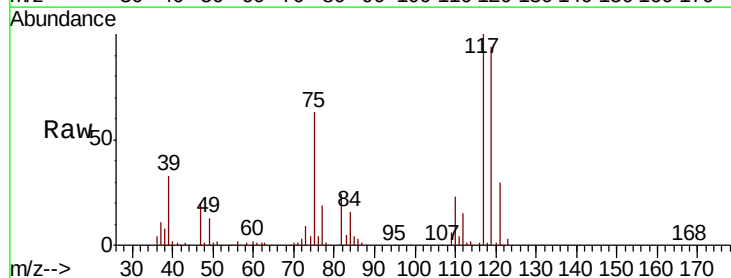
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080318

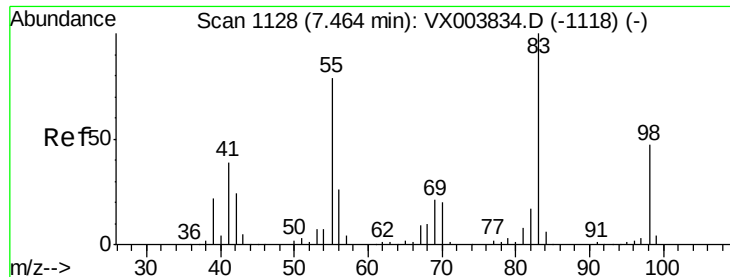
Tgt Ion: 43 Resp: 96900
 Ion Ratio Lower Upper
 43 100
 61 15.4 12.4 18.6
 70 11.6 8.9 13.3



#38
 Carbon Tetrachloride
 Concen: 49.539 ug/l
 RT: 5.78 min Scan# 852
 Delta R.T. -0.01 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

Tgt Ion: 117 Resp: 87049
 Ion Ratio Lower Upper
 117 100
 119 93.9 74.6 112.0
 121 30.5 24.4 36.6

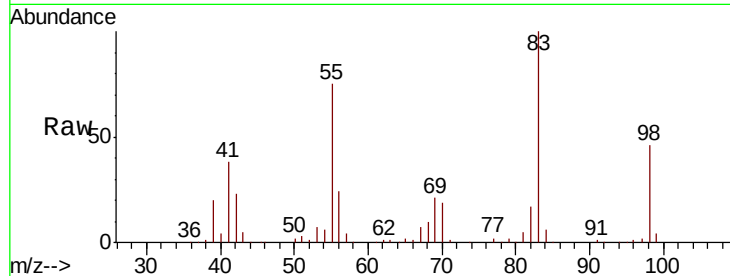




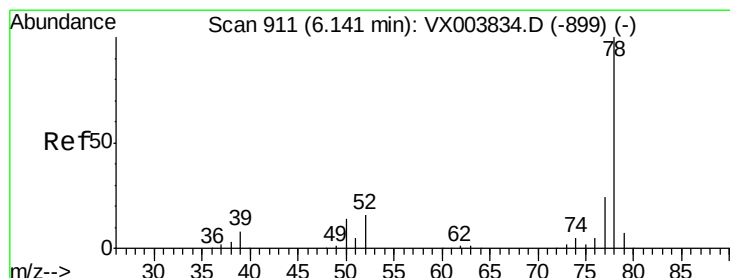
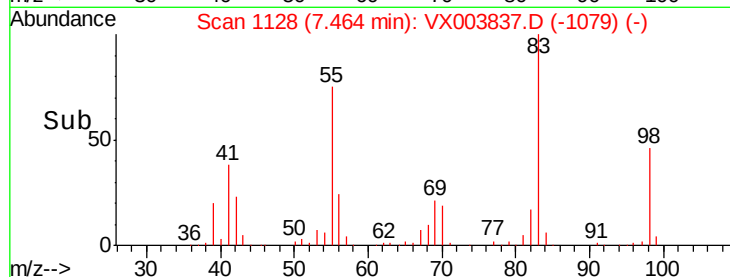
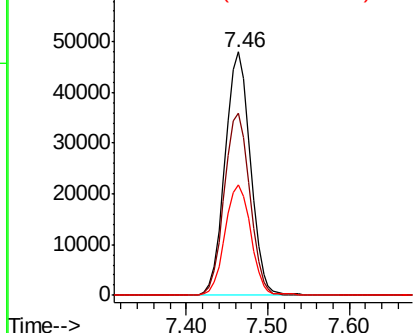
#39
Methylcyclohexane
Concen: 52.801 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003837.D
Acq: 02 Aug 2018 21:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX080318

Tgt Ion: 83 Resp: 103056
Ion Ratio Lower Upper
83 100
55 74.8 63.1 94.7
98 45.5 37.5 56.3

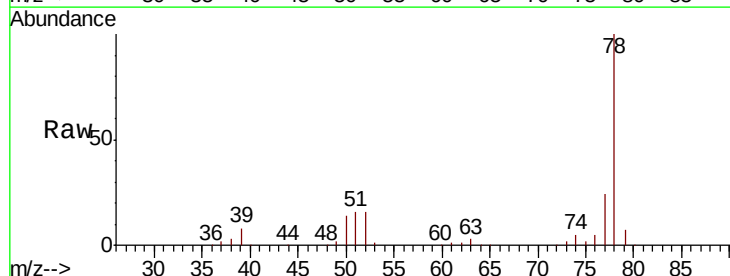


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

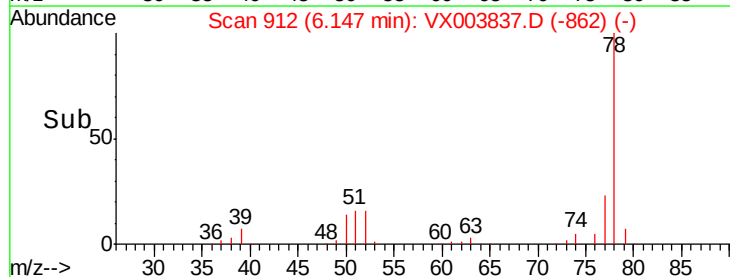
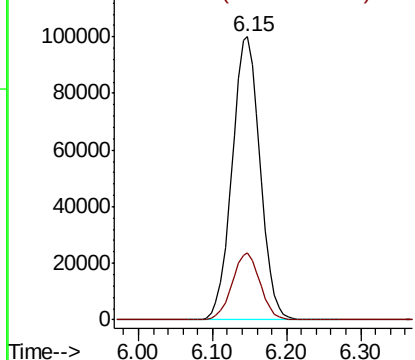


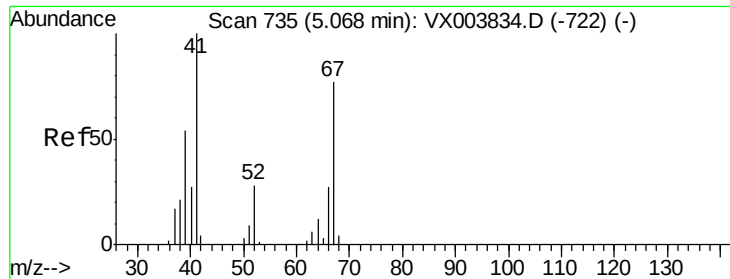
#40
Benzene
Concen: 47.551 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.01 min
Lab File: VX003837.D
Acq: 02 Aug 2018 21:36

Tgt Ion: 78 Resp: 263326
Ion Ratio Lower Upper
78 100
77 23.5 18.9 28.3



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

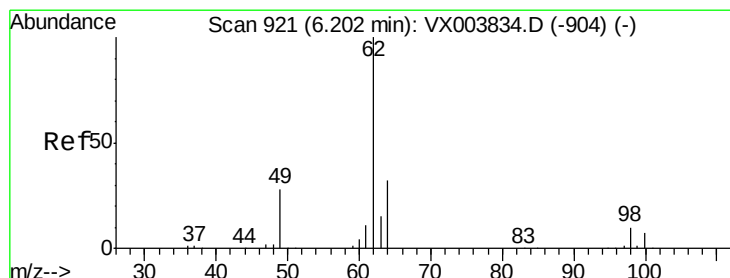
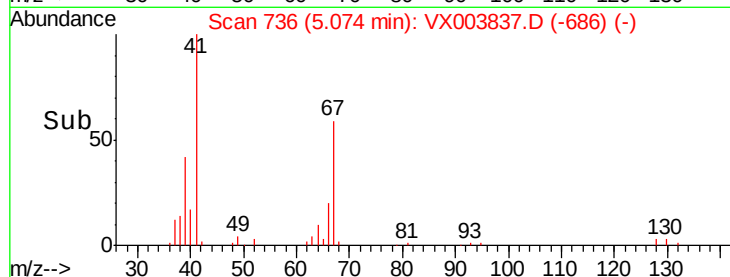
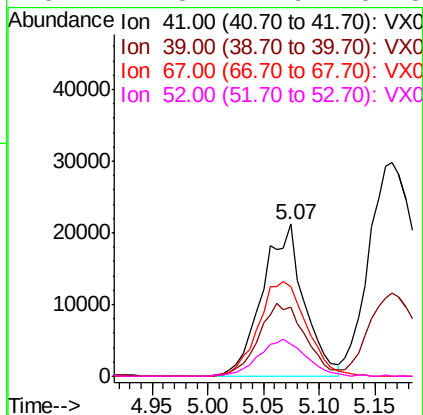
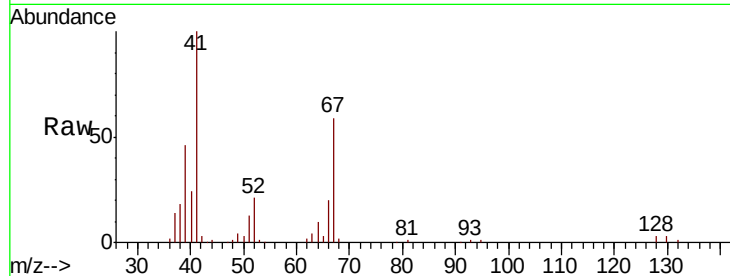




#41
Methacrylonitrile
Concen: 49.374 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX003837.D
Acq: 02 Aug 2018 21:36

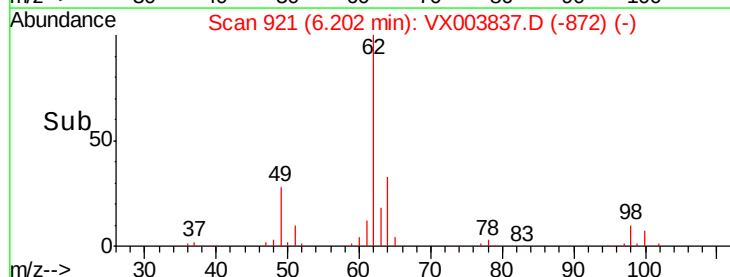
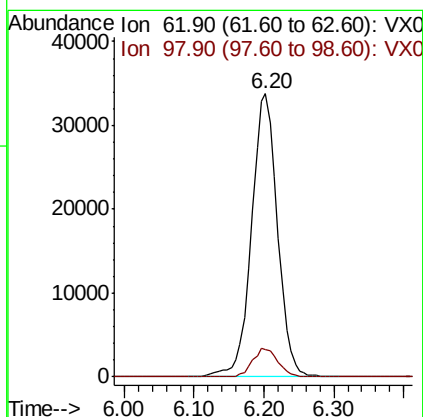
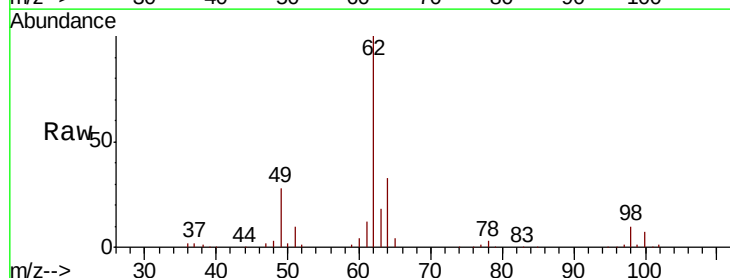
Instrument :
MSVOA_X
ClientSampleId :
ICVVX080318

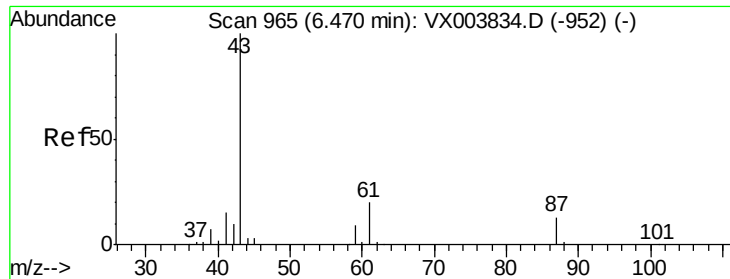
Tgt Ion:	41	Resp:	55357
Ion	Ratio	Lower	Upper
41	100		
39	53.2	42.5	63.7
67	71.8	58.8	88.2
52	27.8	22.9	34.3



#42
1,2-Dichloroethane
Concen: 46.723 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003837.D
Acq: 02 Aug 2018 21:36

Tgt Ion:	62	Resp:	86862
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	19.6

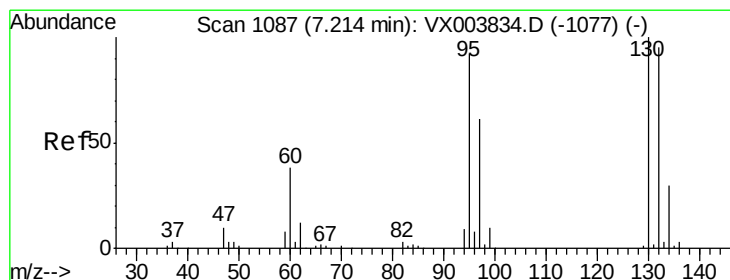
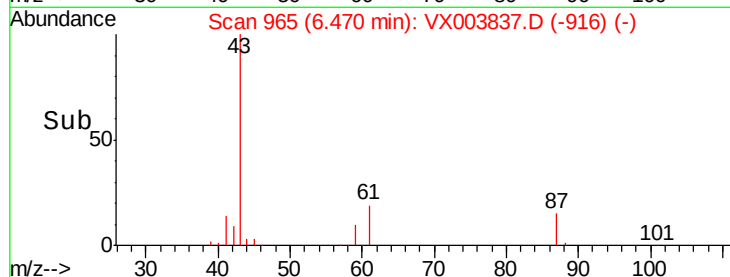
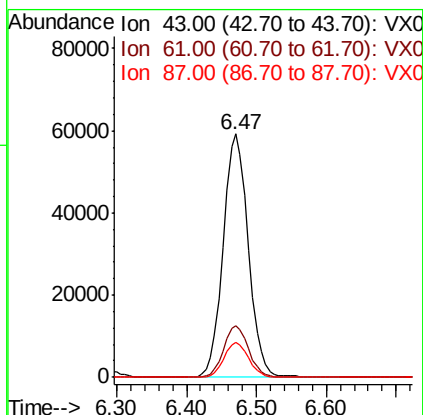
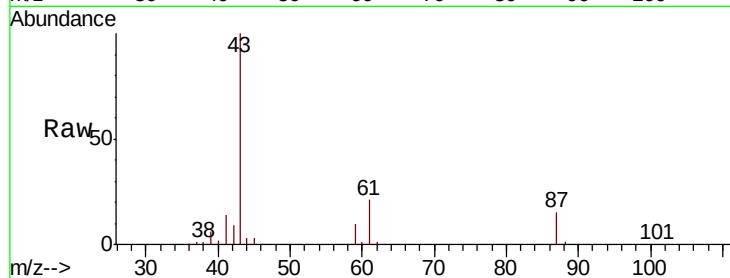




#43
Isopropyl Acetate
Concen: 47.546 ug/l
RT: 6.47 min Scan# 965
Delta R.T. 0.00 min
Lab File: VX003837.D
Acq: 02 Aug 2018 21:36

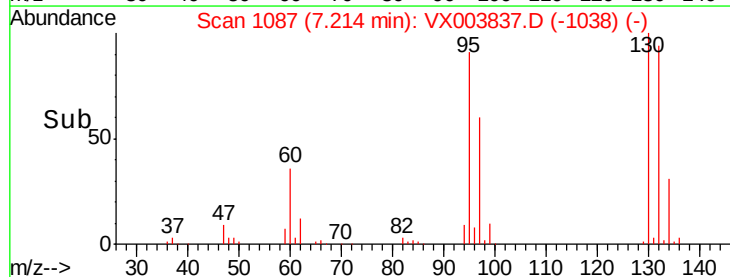
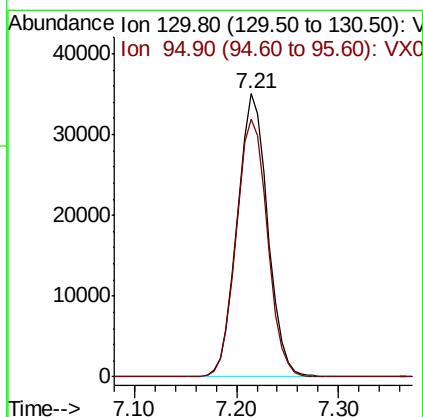
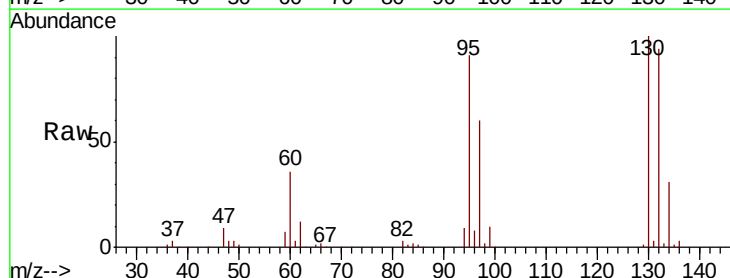
Instrument :
MSVOA_X
ClientSampleId :
ICVVX080318

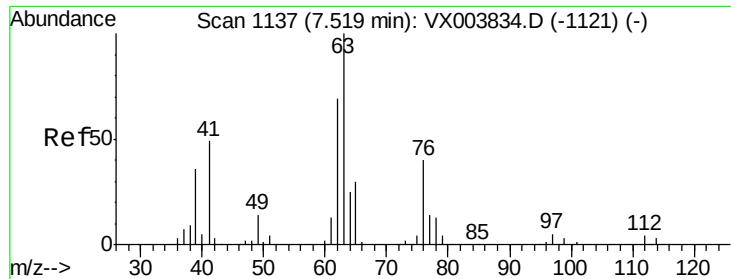
Tgt Ion: 43 Resp: 148019
Ion Ratio Lower Upper
43 100
61 20.9 16.7 25.1
87 14.0 10.8 16.2



#44
Trichloroethene
Concen: 48.894 ug/l
RT: 7.21 min Scan# 1087
Delta R.T. 0.00 min
Lab File: VX003837.D
Acq: 02 Aug 2018 21:36

Tgt Ion: 130 Resp: 72673
Ion Ratio Lower Upper
130 100
95 91.3 0.0 184.8

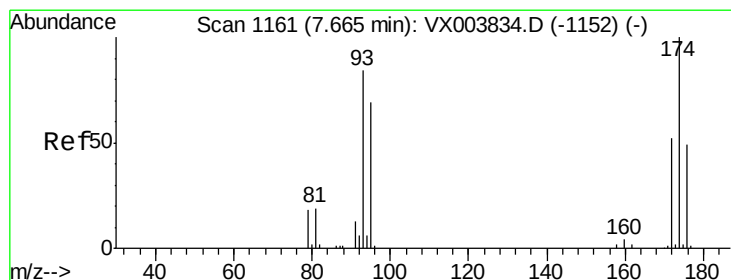
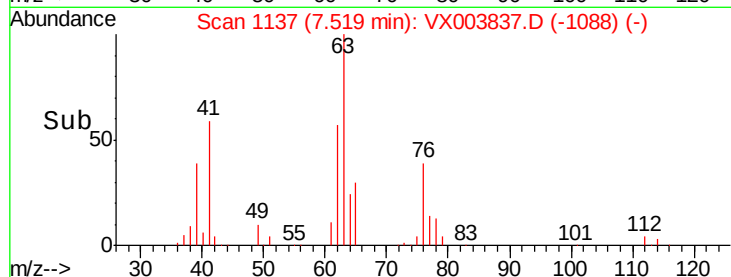
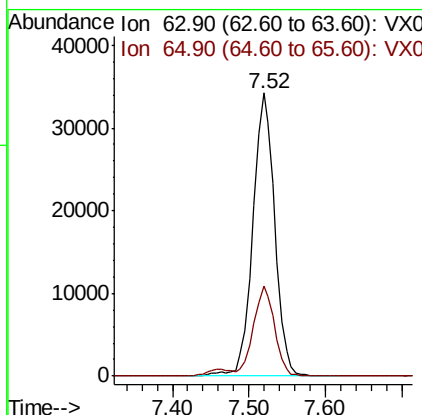
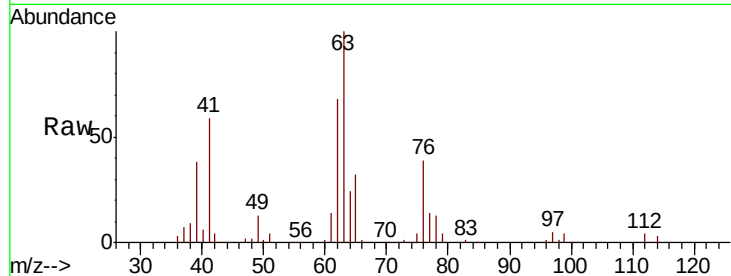




#45
 1,2-Dichloropropane
 Concen: 47.549 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

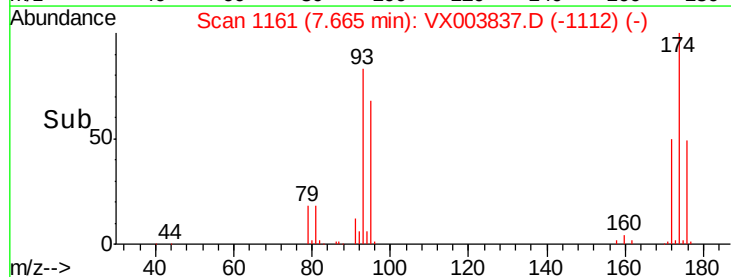
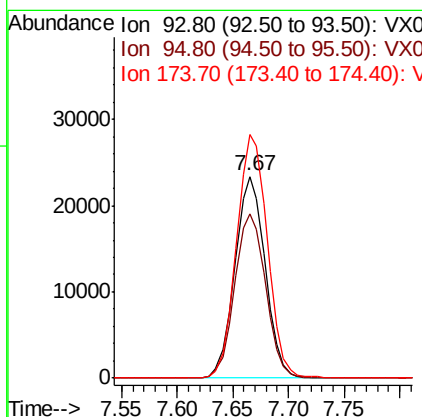
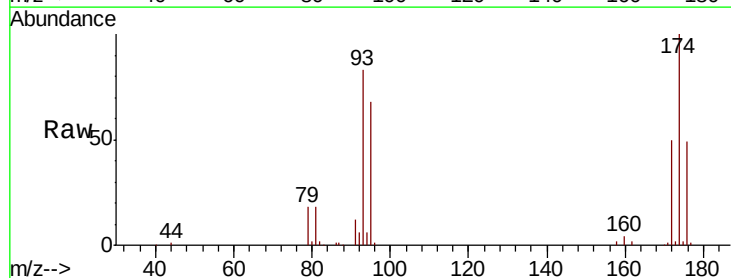
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080318

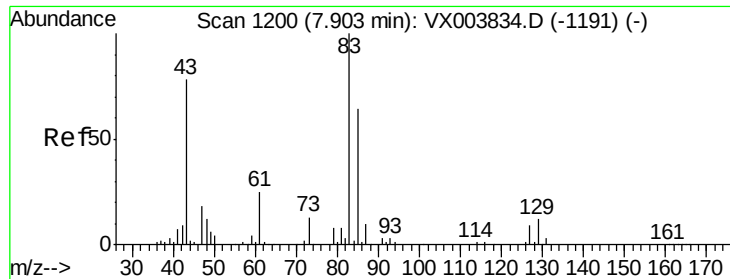
Tgt Ion: 63 Resp: 68388
 Ion Ratio Lower Upper
 63 100
 65 31.7 24.2 36.4



#46
 Dibromomethane
 Concen: 47.457 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

Tgt Ion: 93 Resp: 44045
 Ion Ratio Lower Upper
 93 100
 95 83.3 67.0 100.6
 174 123.1 97.4 146.2





#47

Bromodichloromethane

Concen: 48.066 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080318

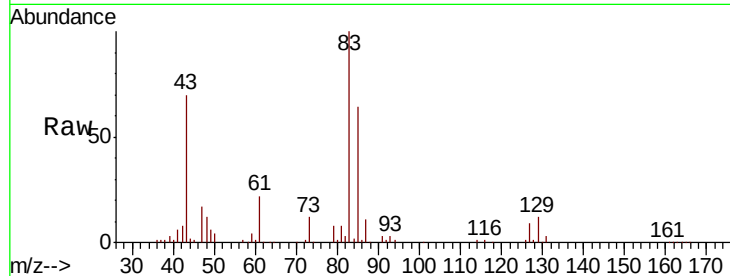
Tgt Ion: 83 Resp: 83697

Ion Ratio Lower Upper

83 100

85 64.2 51.4 77.2

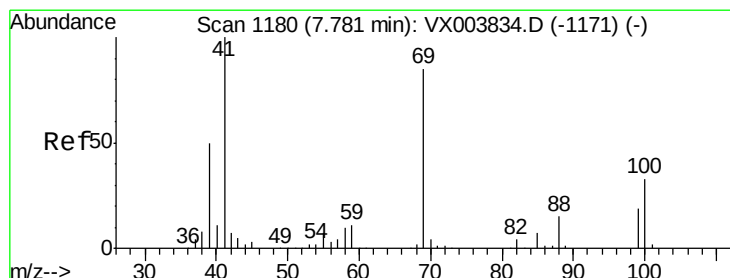
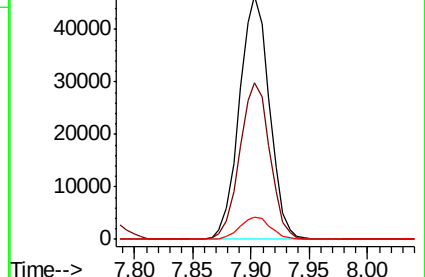
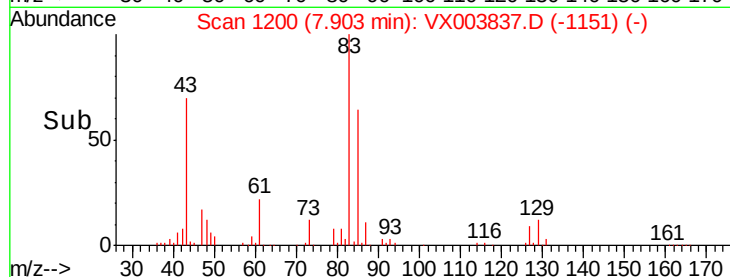
127 9.4 7.0 10.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0

Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 48.860 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

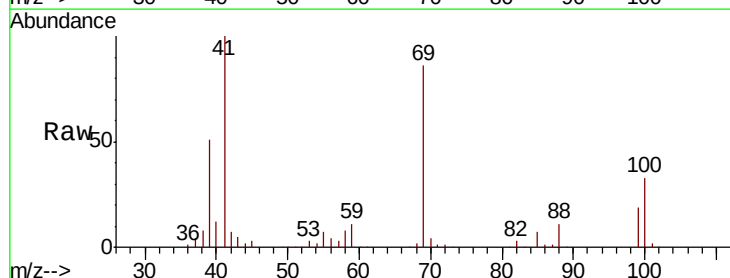
Tgt Ion: 41 Resp: 76627

Ion Ratio Lower Upper

41 100

69 86.3 70.2 105.4

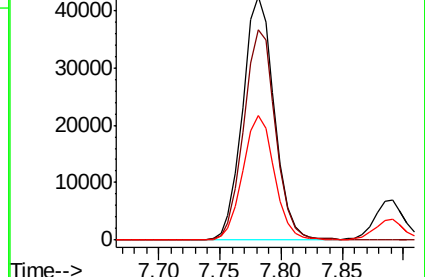
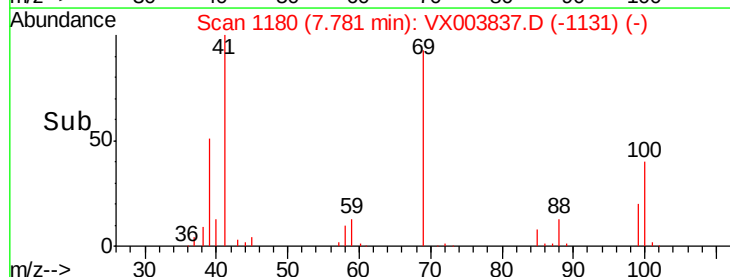
39 51.2 40.9 61.3

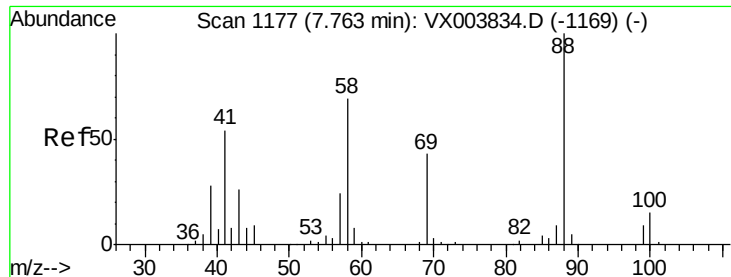


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

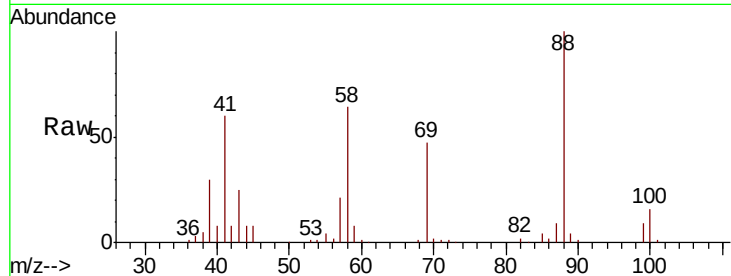




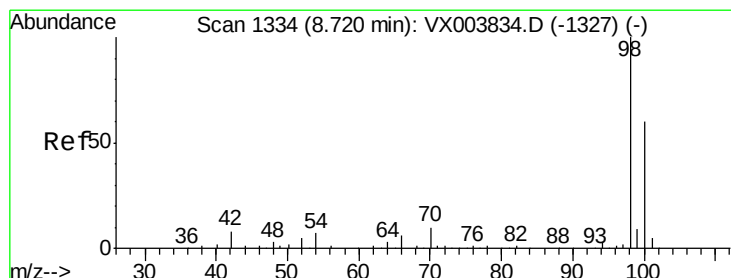
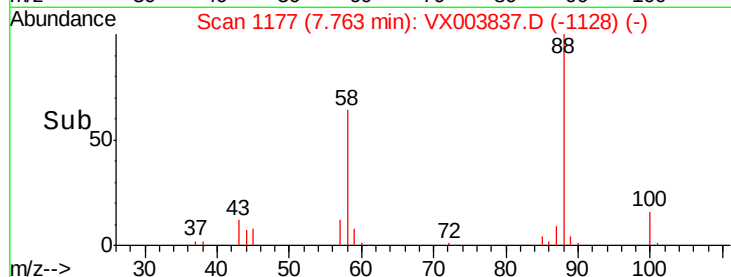
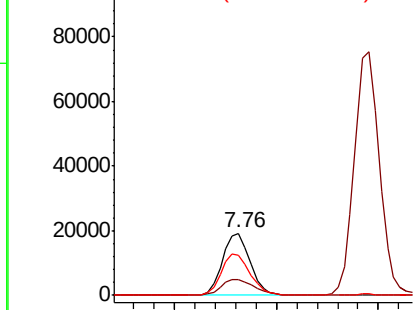
#49
1,4-Dioxane
Concen: 975.225 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX003837.D
Acq: 02 Aug 2018 21:36

Instrument :
MSVOA_X
ClientSampleId :
ICVVX080318

Tgt Ion: 88 Resp: 36210
Ion Ratio Lower Upper
88 100
43 30.2 24.4 36.6
58 69.1 56.5 84.7

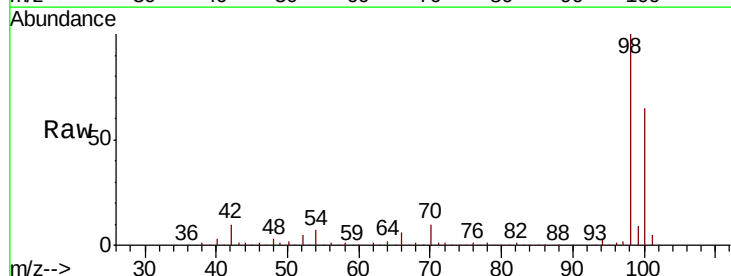


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

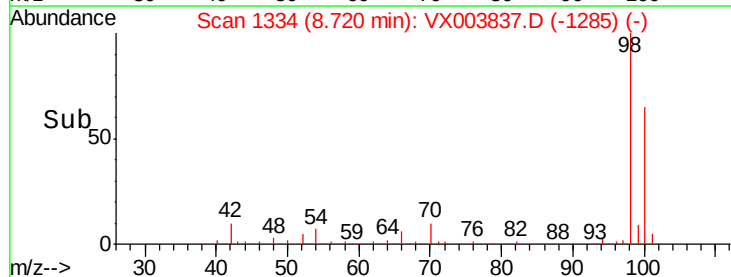
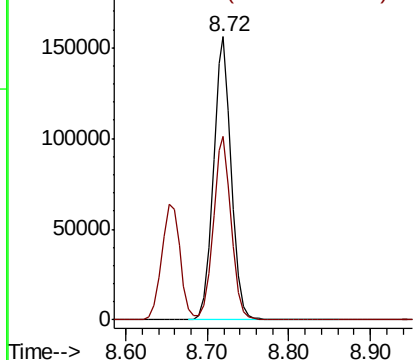


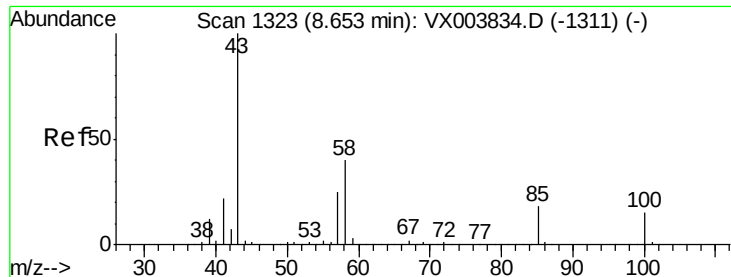
#50
Toluene-d8
Concen: 47.913 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX003837.D
Acq: 02 Aug 2018 21:36

Tgt Ion: 98 Resp: 239951
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.2



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: 236.899 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

Instrument :

MSVOA_X

ClientSampleId :

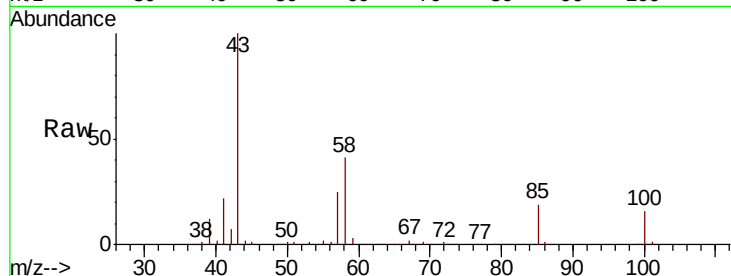
ICVVX080318

Tgt Ion: 43 Resp: 615189

Ion Ratio Lower Upper

43 100

58 40.3 32.2 48.2



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

400000

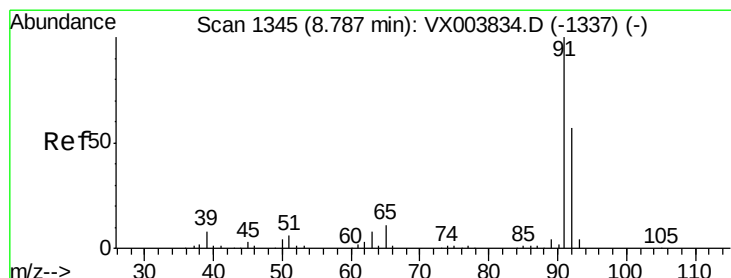
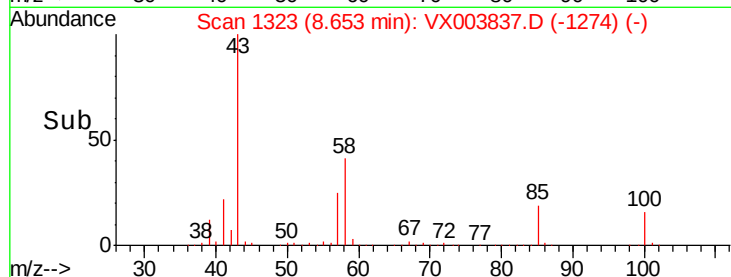
300000

200000

100000

0

Time-->



#52

Toluene

Concen: 49.385 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003837.D

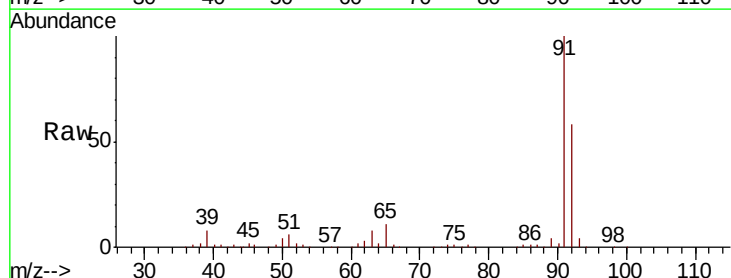
Acq: 02 Aug 2018 21:36

Tgt Ion: 92 Resp: 167723

Ion Ratio Lower Upper

92 100

91 173.5 140.2 210.2



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

200000

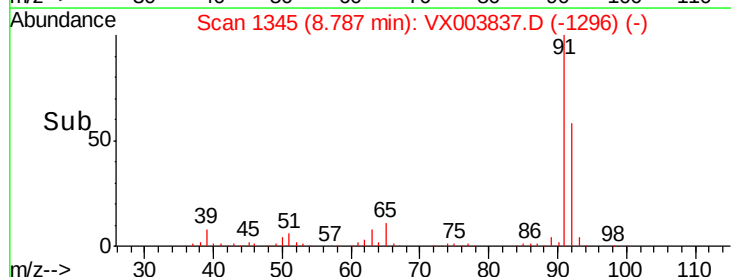
150000

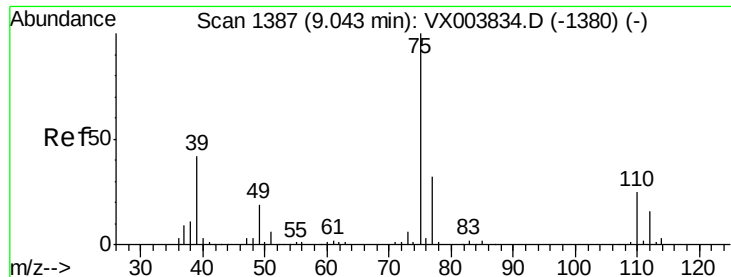
100000

50000

0

Time-->

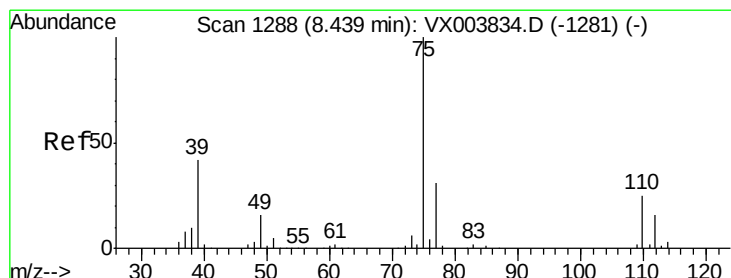
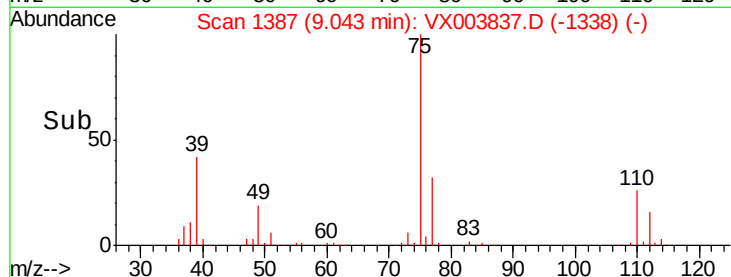
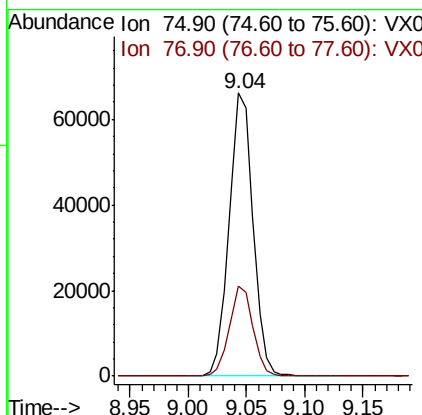
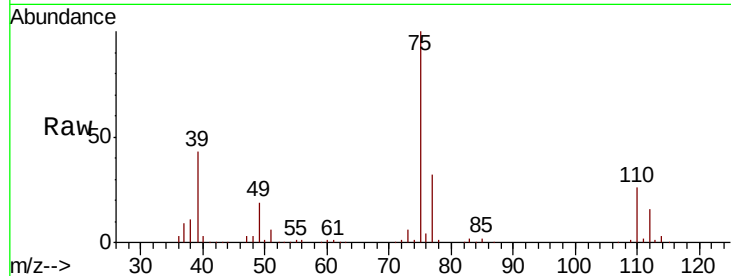




#53
 t-1,3-Dichloropropene
 Concen: 49.840 ug/l
 RT: 9.04 min Scan# 1387
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

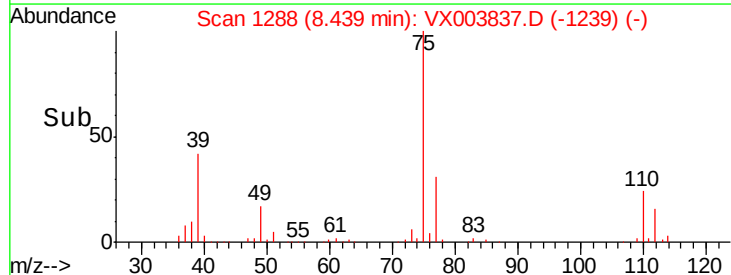
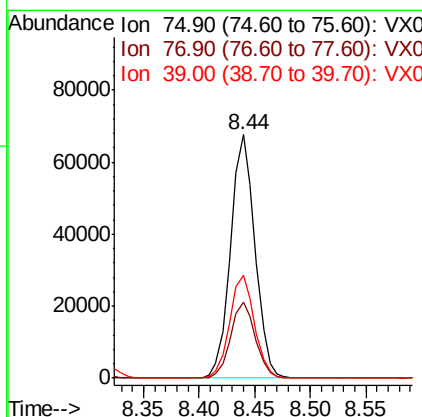
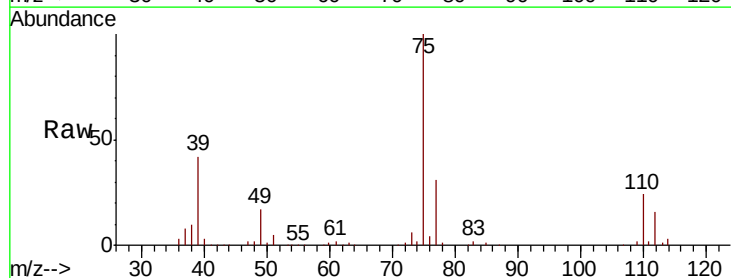
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080318

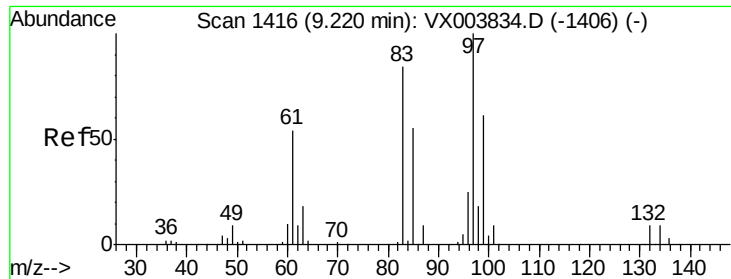
Tgt Ion: 75 Resp: 94694
 Ion Ratio Lower Upper
 75 100
 77 31.9 25.3 37.9



#54
 cis-1,3-Dichloropropene
 Concen: 49.572 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

Tgt Ion: 75 Resp: 102551
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.2 37.8
 39 42.3 33.5 50.3

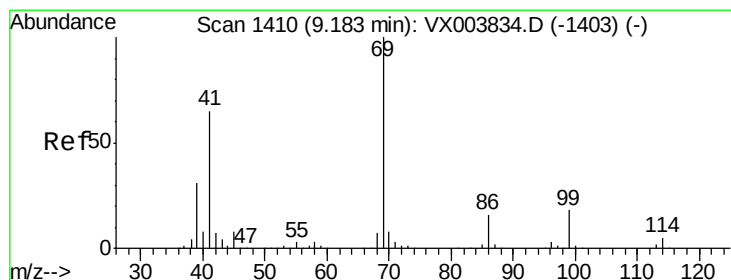
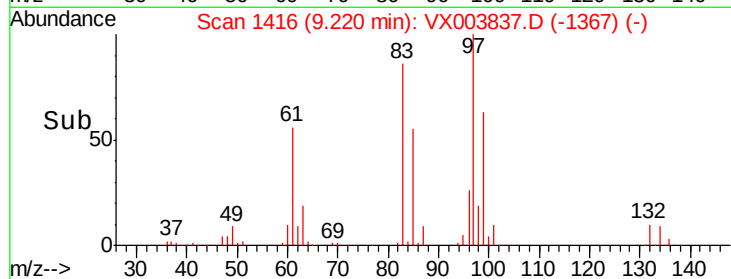
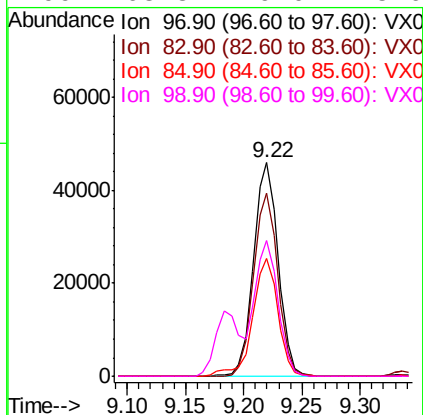
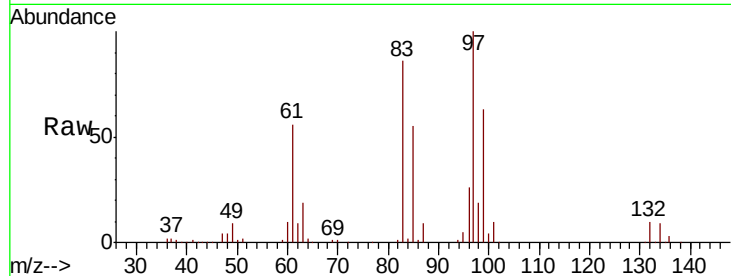




#55
 1,1,2-Trichloroethane
 Concen: 47.040 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

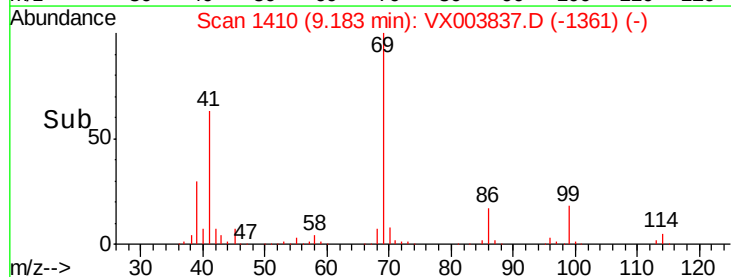
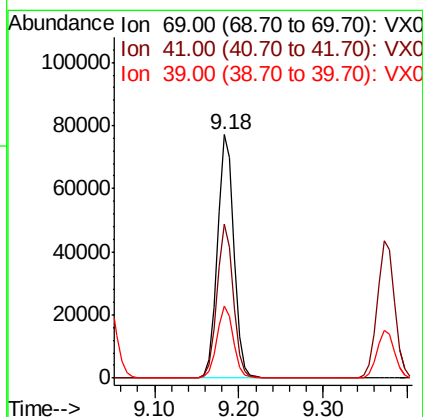
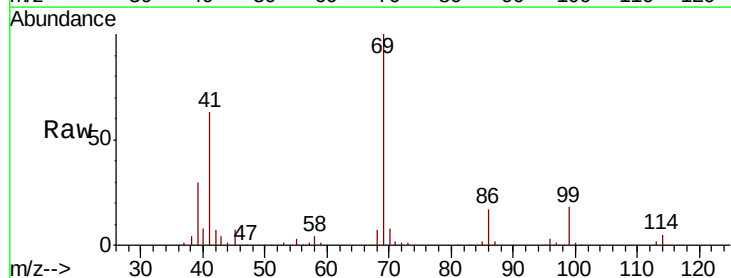
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080318

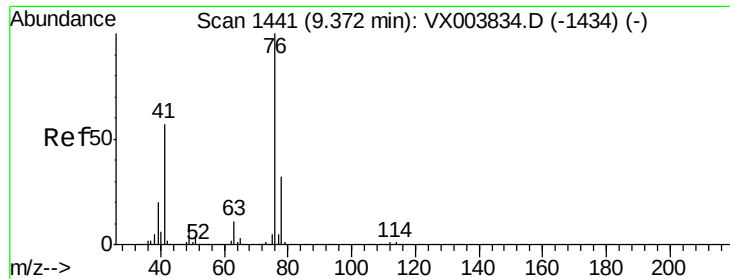
Tgt Ion:	97	Resp:	68000
Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.4	101.2
85	54.9	43.9	65.9
99	63.3	49.0	73.6



#56
 Ethyl methacrylate
 Concen: 51.720 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

Tgt Ion:	69	Resp:	104663
Ion	Ratio	Lower	Upper
69	100		
41	63.0	51.1	76.7
39	29.5	24.7	37.1

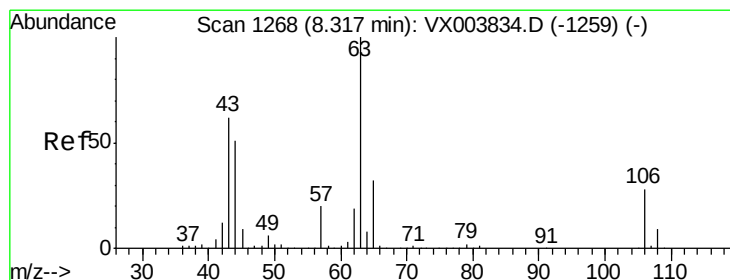
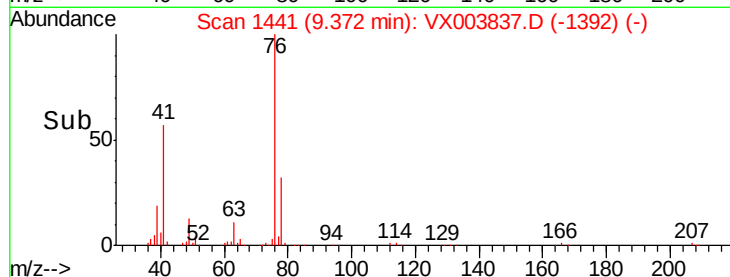
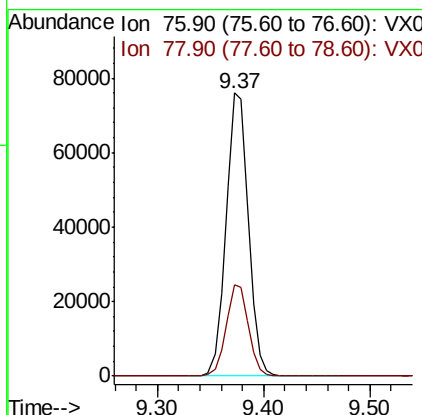
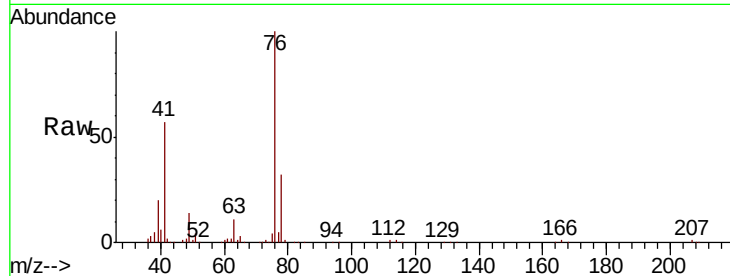




#57
 1,3-Dichloropropane
 Concen: 47.429 ug/l
 RT: 9.37 min Scan# 1441
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

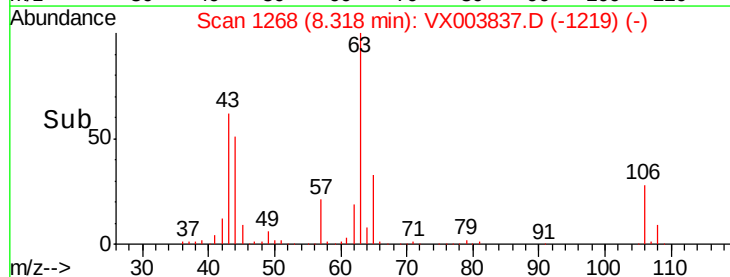
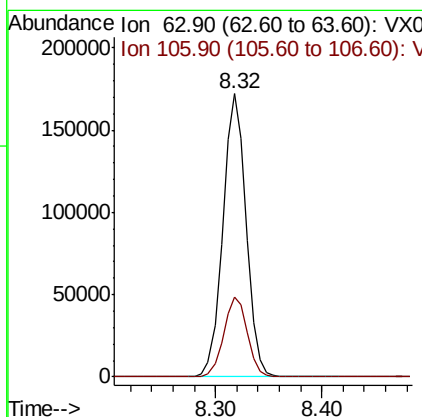
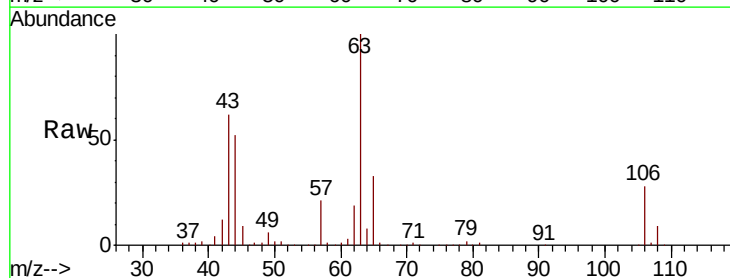
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080318

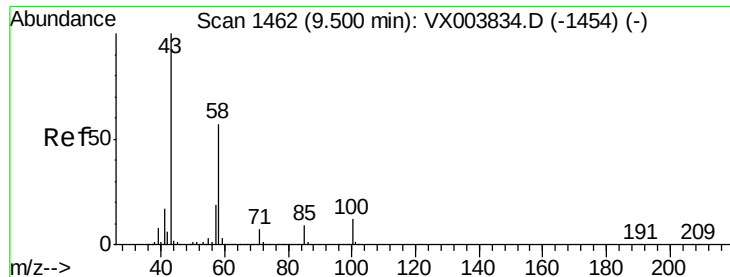
Tgt Ion: 76 Resp: 111544
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.7 38.5



#58
 2-Chloroethyl Vinyl ether
 Concen: 251.770 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

Tgt Ion: 63 Resp: 262020
 Ion Ratio Lower Upper
 63 100
 106 28.5 22.6 34.0

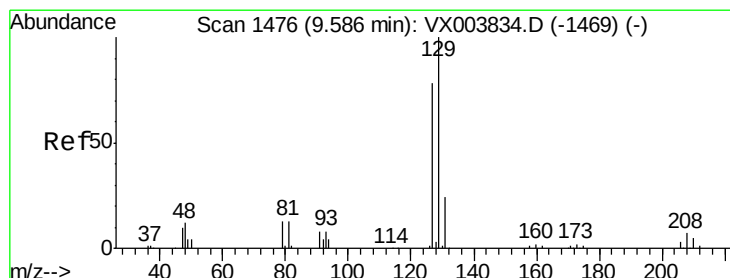
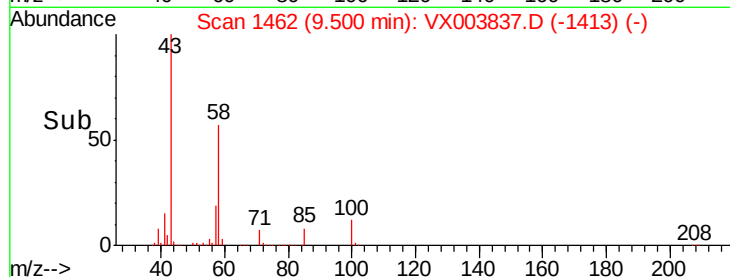
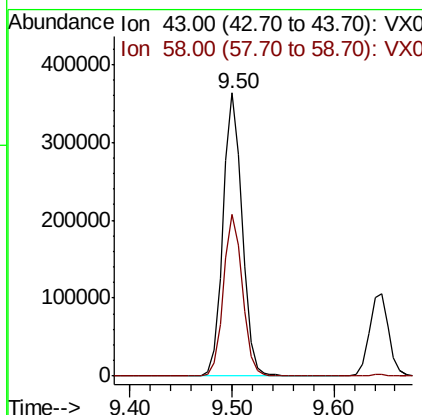
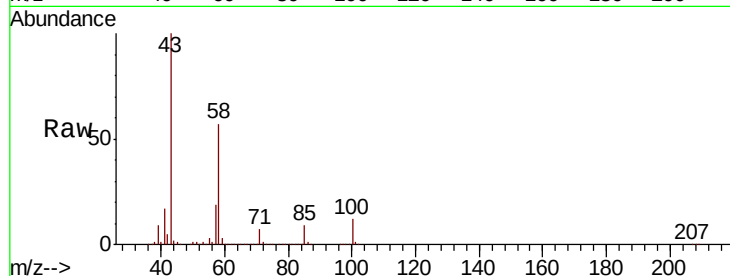




#59
2-Hexanone
Concen: 238.501 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX003837.D
Acq: 02 Aug 2018 21:36

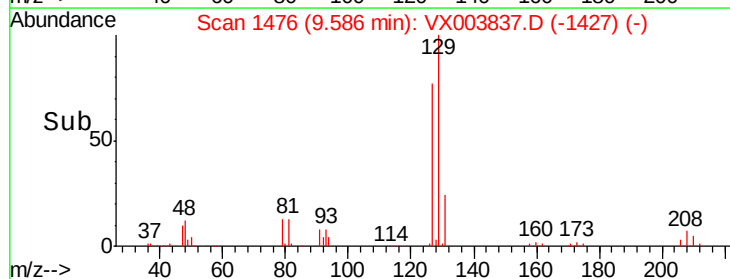
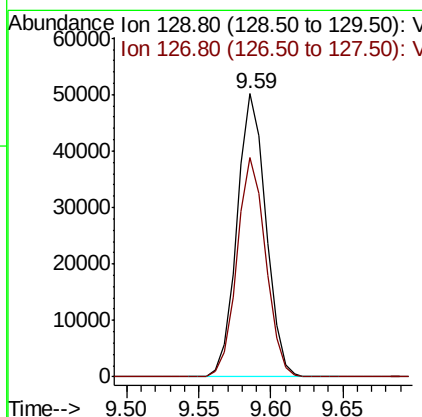
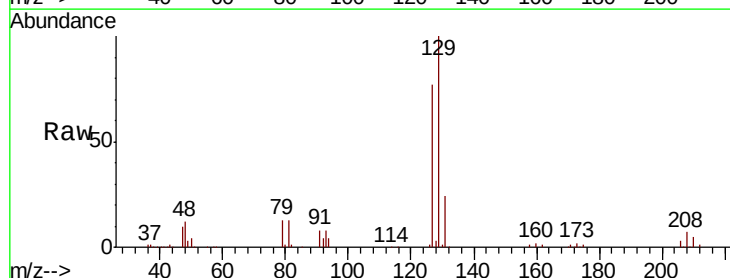
Instrument :
MSVOA_X
ClientSampleId :
ICVVX080318

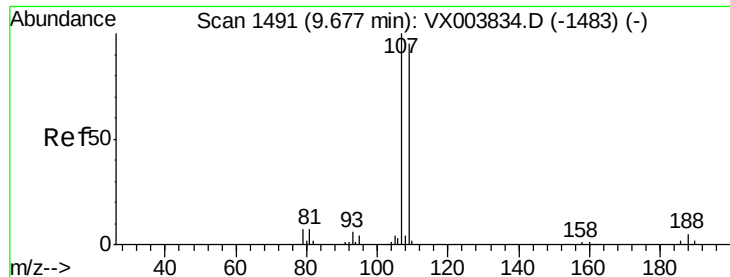
Tgt Ion: 43 Resp: 474547
Ion Ratio Lower Upper
43 100
58 56.9 28.2 84.7



#60
Dibromochloromethane
Concen: 49.522 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003837.D
Acq: 02 Aug 2018 21:36

Tgt Ion: 129 Resp: 70073
Ion Ratio Lower Upper
129 100
127 76.9 39.0 116.9

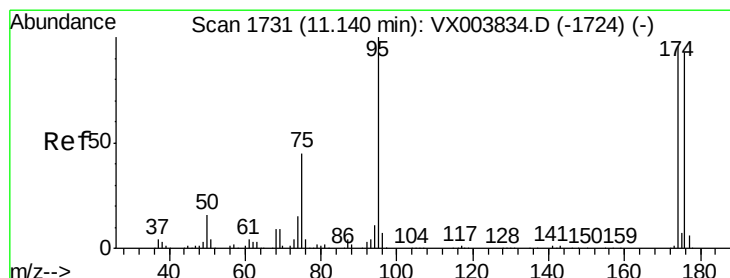
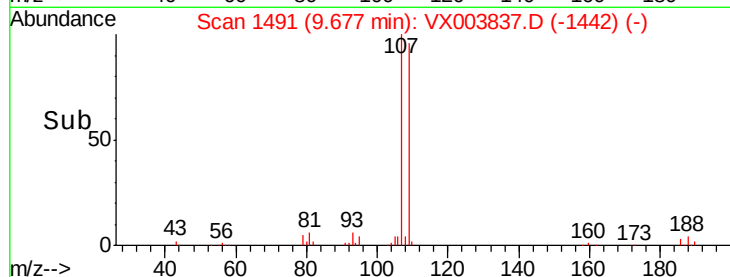
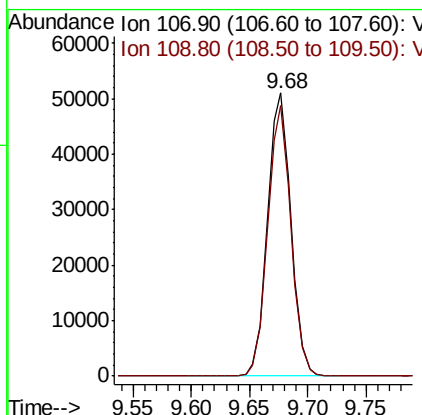
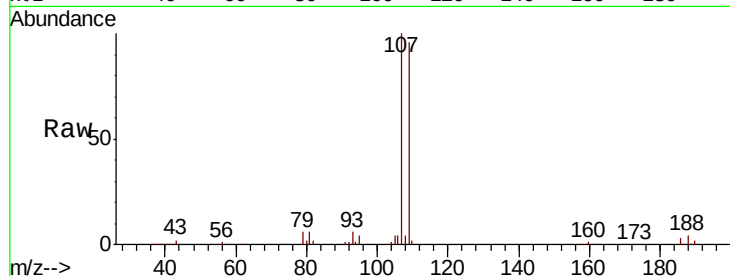




#61
 1,2-Dibromoethane
 Concen: 48.113 ug/l
 RT: 9.68 min Scan# 1491
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

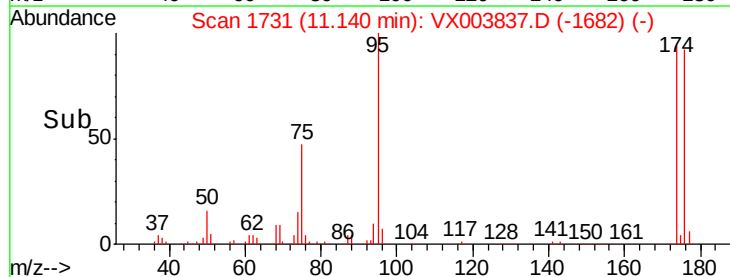
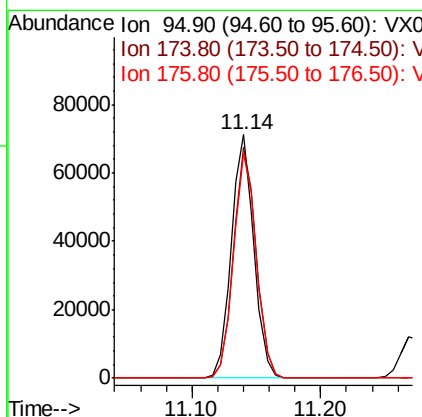
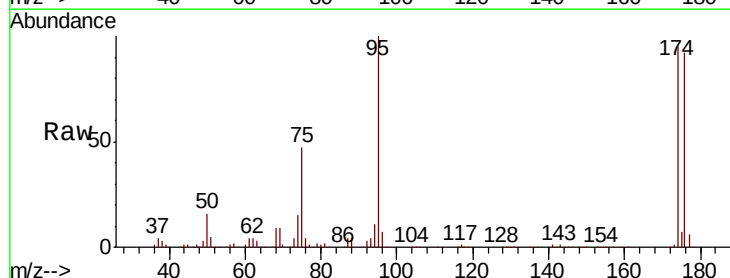
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080318

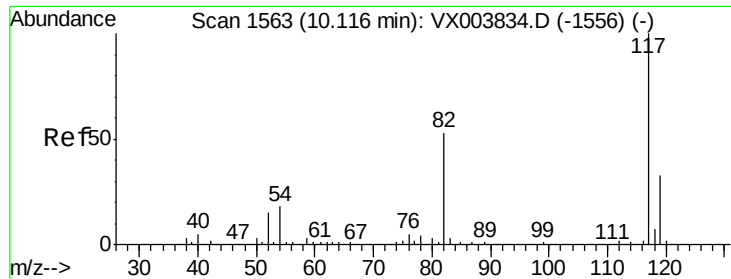
Tgt Ion: 107 Resp: 71447
 Ion Ratio Lower Upper
 107 100
 109 94.6 75.8 113.8



#62
 4-Bromofluorobenzene
 Concen: 48.097 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

Tgt Ion: 95 Resp: 87034
 Ion Ratio Lower Upper
 95 100
 174 95.4 0.0 192.2
 176 93.0 0.0 185.8

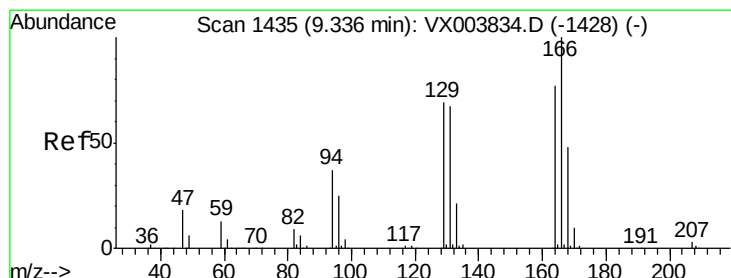
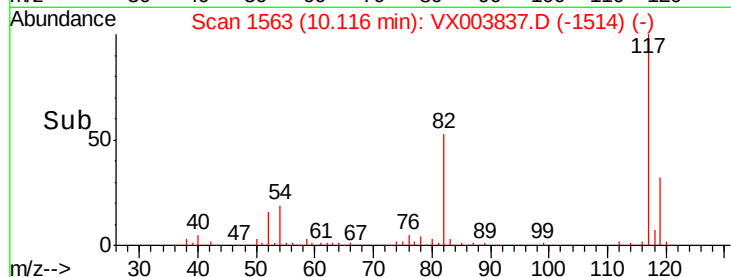
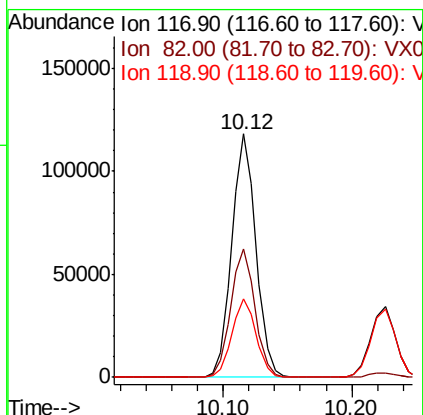
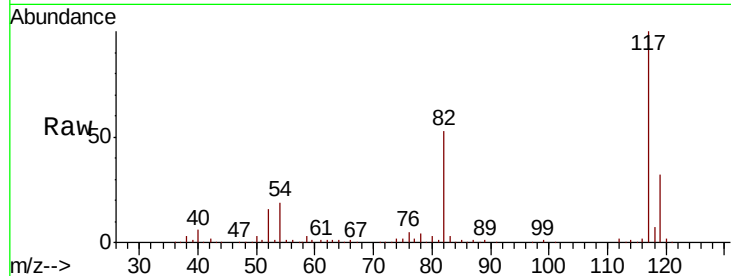




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003837.D
Acq: 02 Aug 2018 21:36

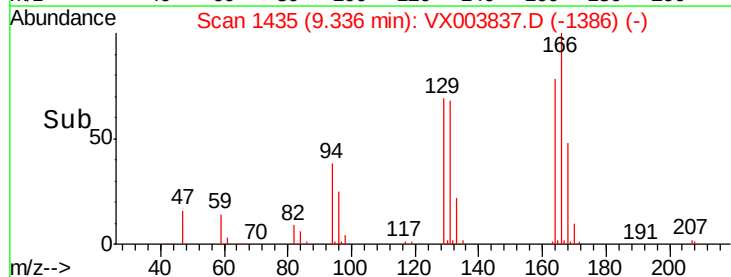
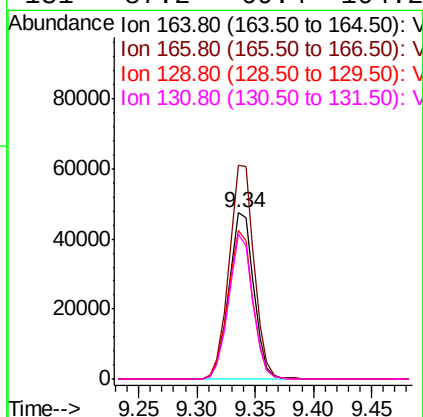
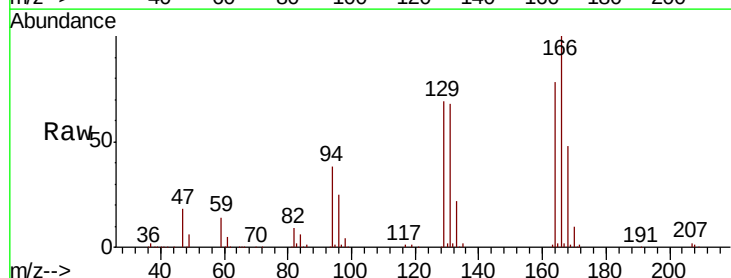
Instrument :
MSVOA_X
ClientSampleId :
ICVVX080318

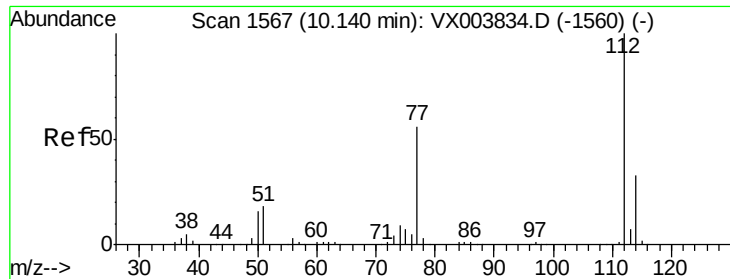
Tgt Ion:117 Resp: 155405
Ion Ratio Lower Upper
117 100
82 52.8 42.2 63.4
119 32.1 26.2 39.2



#64
Tetrachloroethene
Concen: 50.238 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. 0.00 min
Lab File: VX003837.D
Acq: 02 Aug 2018 21:36

Tgt Ion:164 Resp: 70674
Ion Ratio Lower Upper
164 100
166 128.6 103.7 155.5
129 89.1 71.9 107.9
131 87.2 69.4 104.2

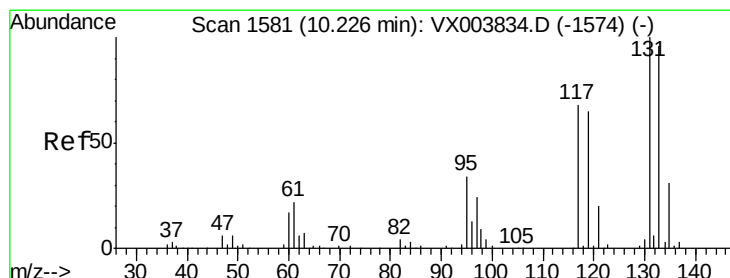
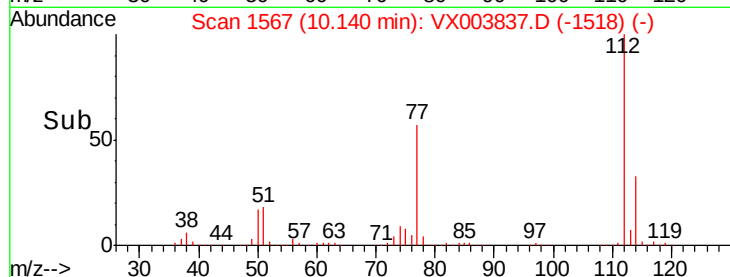
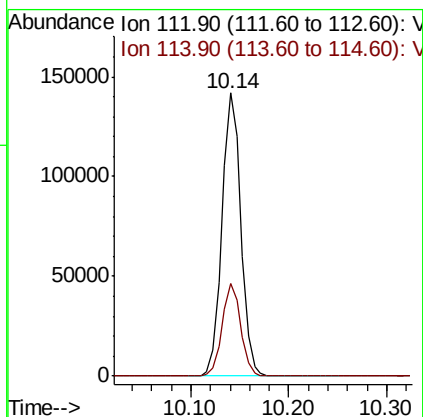
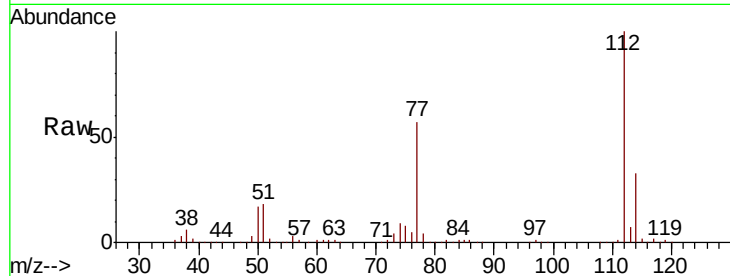




#65
Chlorobenzene
Concen: 49.407 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003837.D
Acq: 02 Aug 2018 21:36

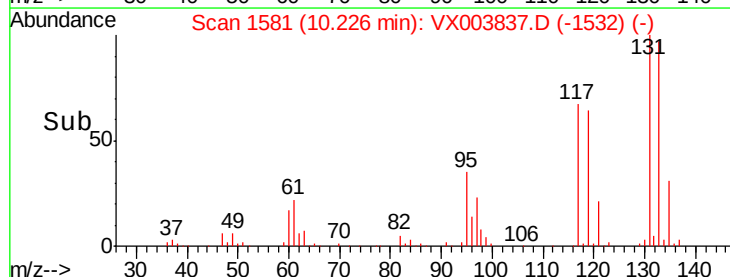
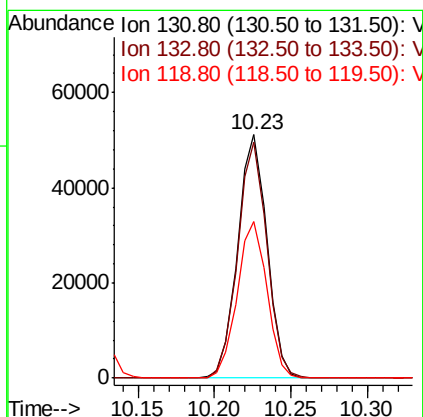
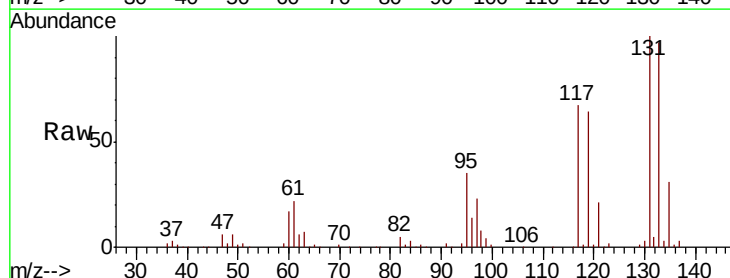
Instrument :
MSVOA_X
ClientSampleId :
ICVVX080318

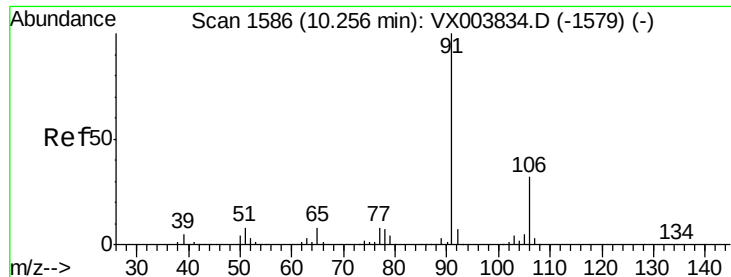
Tgt Ion:112 Resp: 189251
Ion Ratio Lower Upper
112 100
114 32.7 26.2 39.4



#66
1,1,1,2-Tetrachloroethane
Concen: 50.291 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003837.D
Acq: 02 Aug 2018 21:36

Tgt Ion:131 Resp: 67818
Ion Ratio Lower Upper
131 100
133 96.8 47.9 143.8
119 65.3 32.8 98.3





#67

Ethyl Benzene

Concen: 52.340 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

Instrument :

MSVOA_X

ClientSampleId :

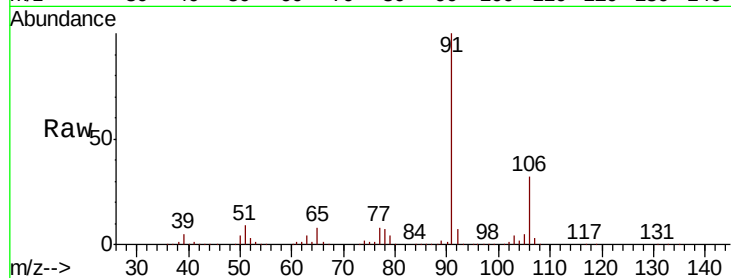
ICVVX080318

Tgt Ion: 91 Resp: 320524

Ion Ratio Lower Upper

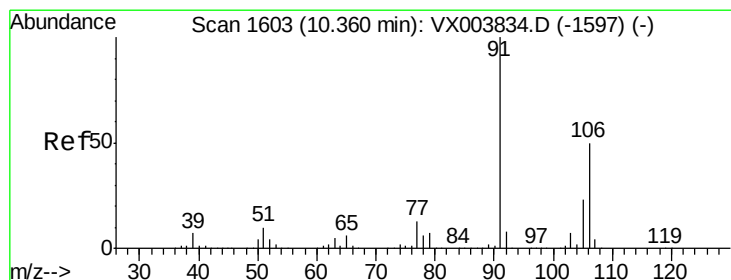
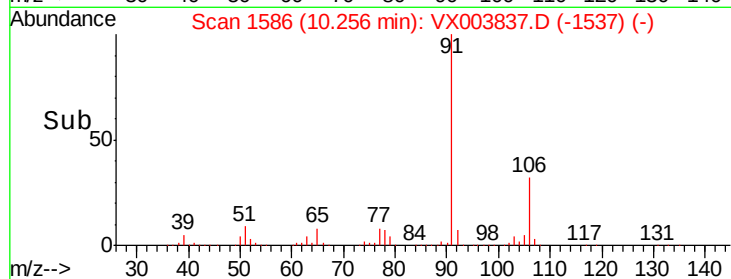
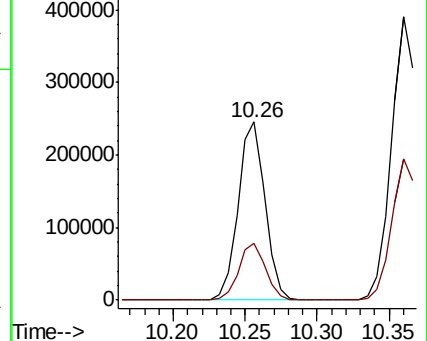
91 100

106 31.9 25.7 38.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V



#68

m/p-Xylenes

Concen: 106.318 ug/l

RT: 10.36 min Scan# 1603

Delta R.T. 0.00 min

Lab File: VX003837.D

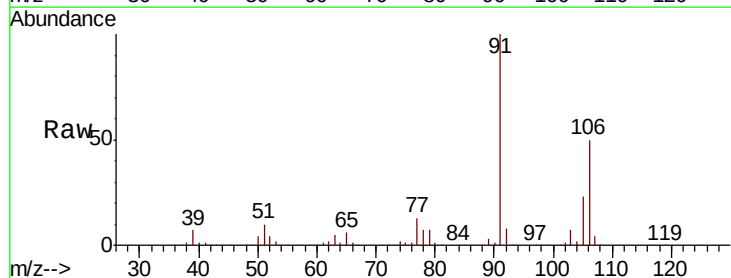
Acq: 02 Aug 2018 21:36

Tgt Ion: 106 Resp: 254487

Ion Ratio Lower Upper

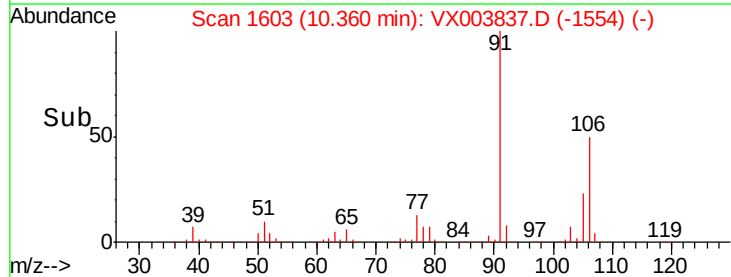
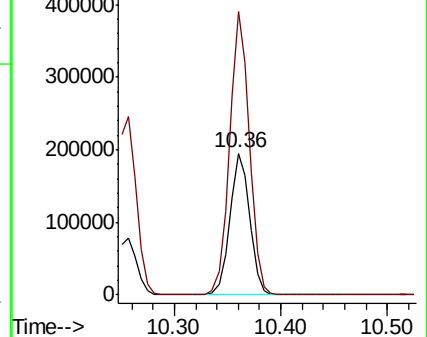
106 100

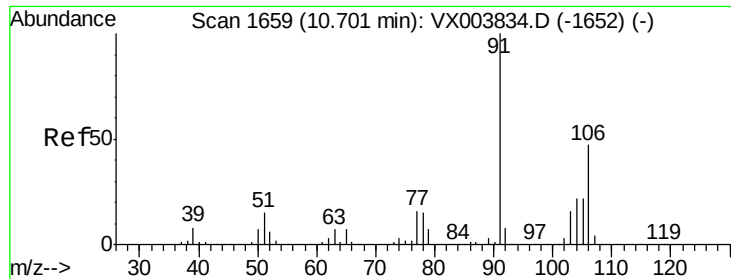
91 198.4 161.3 241.9



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0

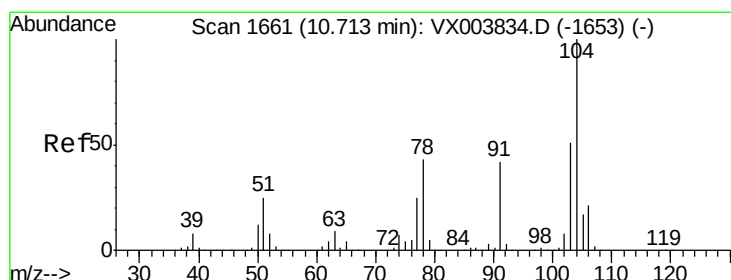
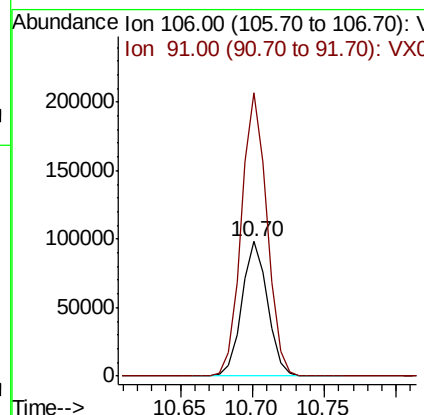
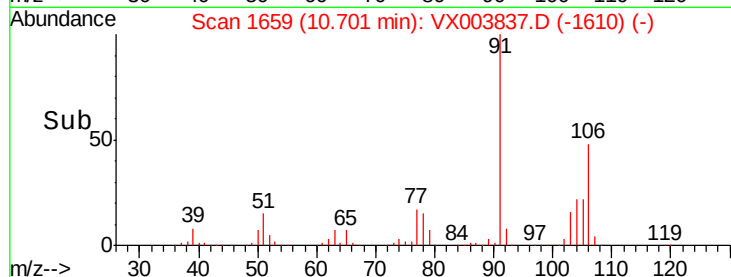
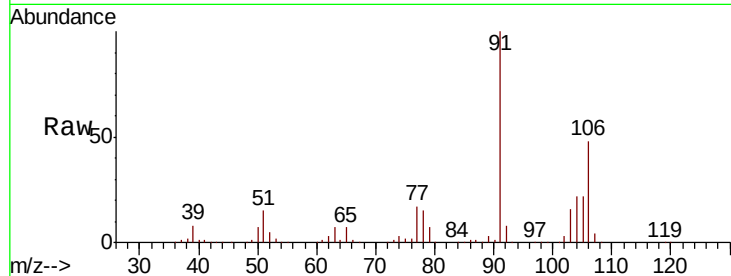




#69
o-Xylene
Concen: 52.709 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003837.D
Acq: 02 Aug 2018 21:36

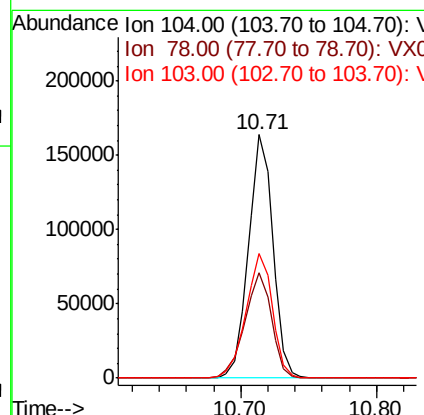
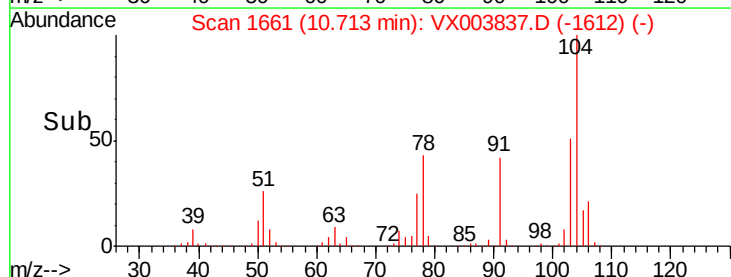
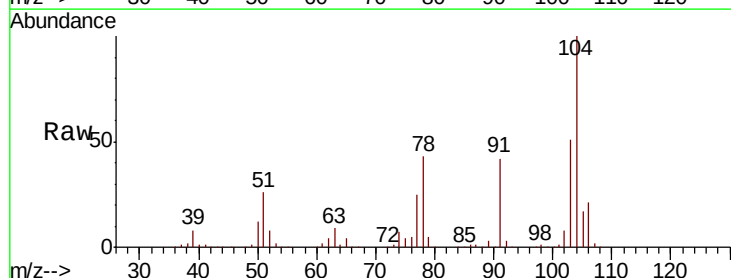
Instrument :
MSVOA_X
ClientSampleId :
ICVVX080318

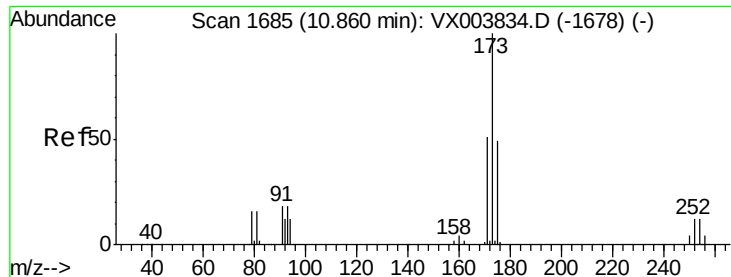
Tgt Ion:106 Resp: 121633
Ion Ratio Lower Upper
106 100
91 210.8 105.7 317.1



#70
Styrene
Concen: 53.727 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003837.D
Acq: 02 Aug 2018 21:36

Tgt Ion:104 Resp: 205931
Ion Ratio Lower Upper
104 100
78 47.4 37.8 56.8
103 55.5 44.2 66.4





#71

Bromoform

Concen: 50.458 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080318

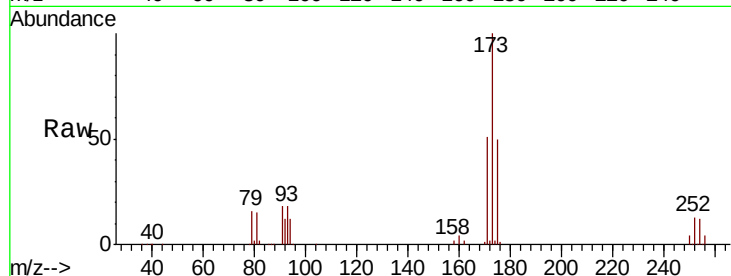
Tgt Ion:173 Resp: 56446

Ion Ratio Lower Upper

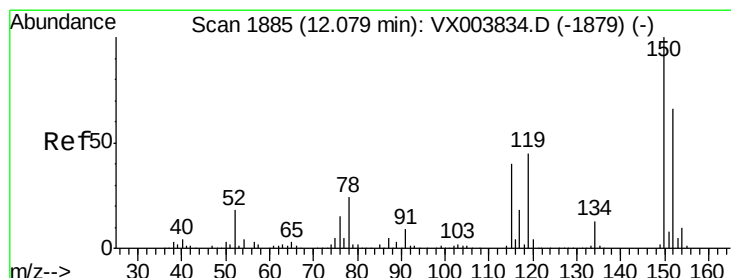
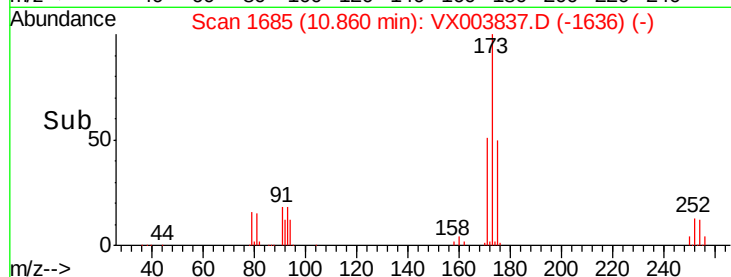
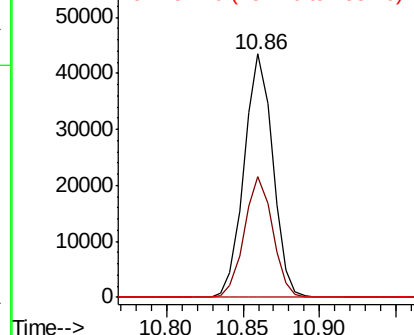
173 100

175 49.2 24.4 73.2

254 0.2 0.1 0.1#



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: VX003837.D

Acq: 02 Aug 2018 21:36

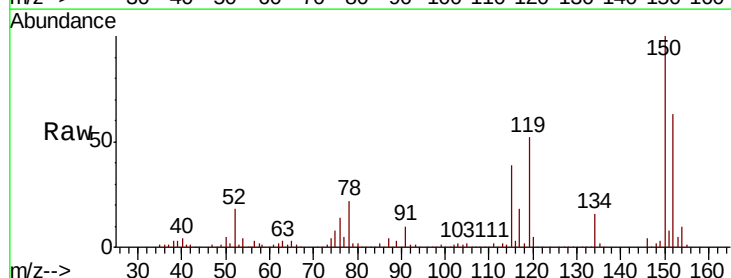
Tgt Ion:152 Resp: 95836

Ion Ratio Lower Upper

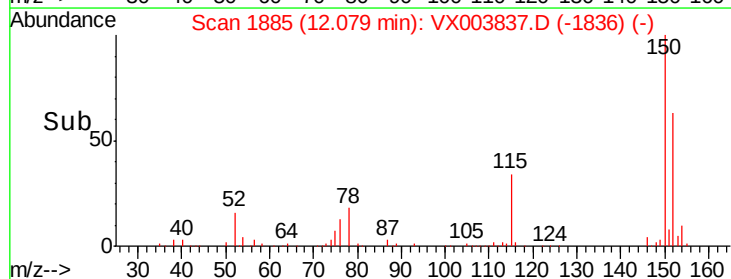
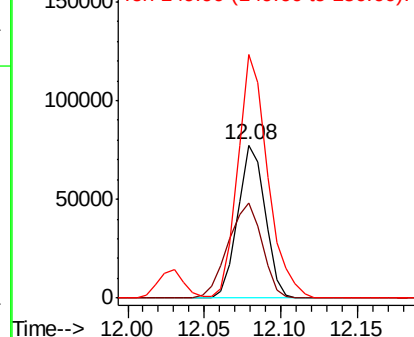
152 100

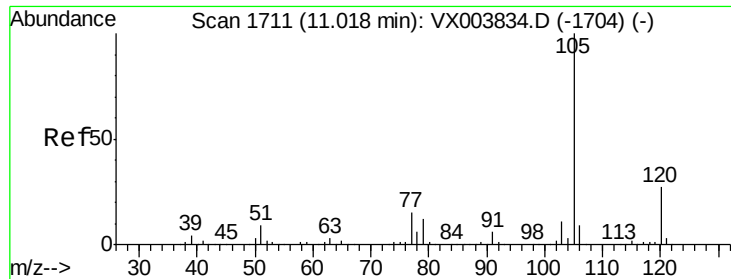
115 77.3 37.4 112.1

150 174.6 0.0 346.6



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: 52.741 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. 0.00 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

Instrument :

MSVOA_X

ClientSampleId :

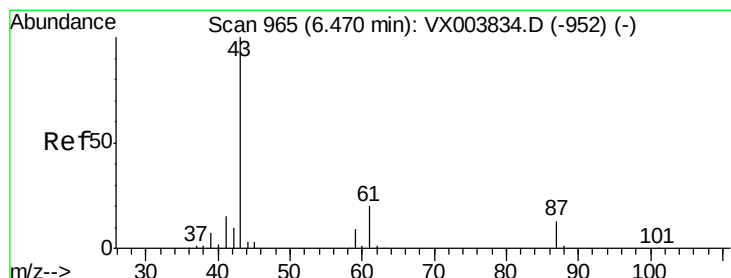
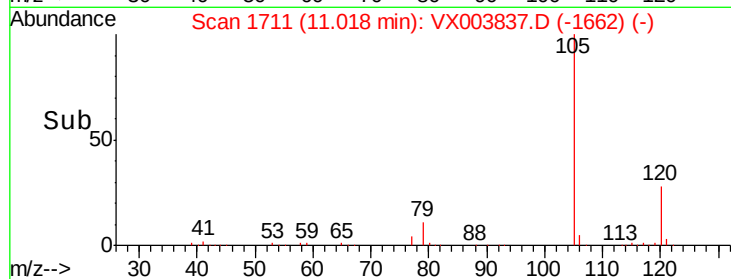
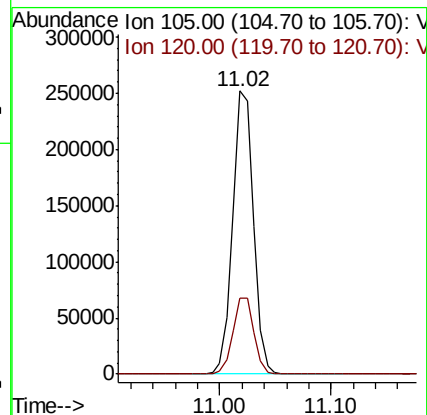
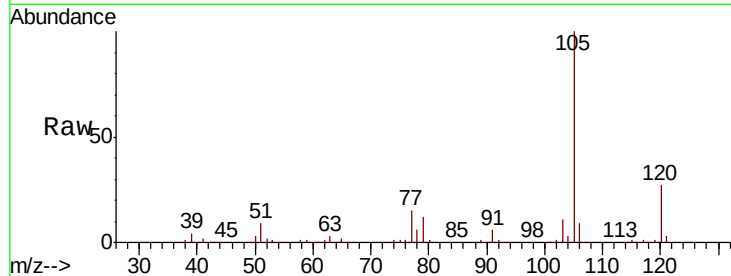
ICVVX080318

Tgt Ion: 105 Resp: 324187

Ion Ratio Lower Upper

105 100

120 27.1 13.6 40.7



#74

N-amyl acetate

Concen: 48.564 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

Tgt Ion: 43 Resp: 148019

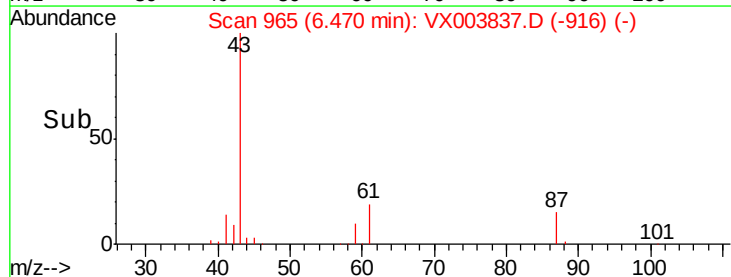
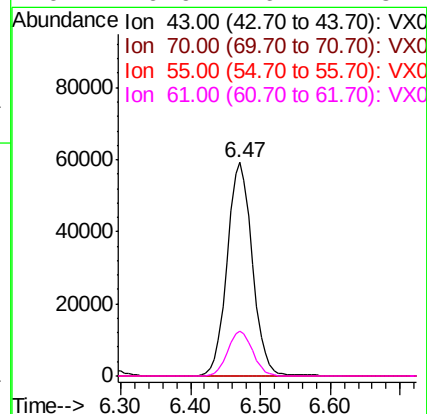
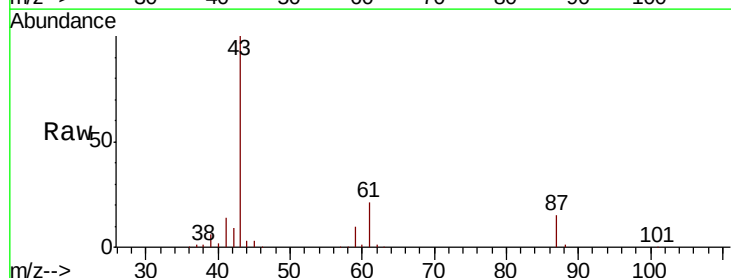
Ion Ratio Lower Upper

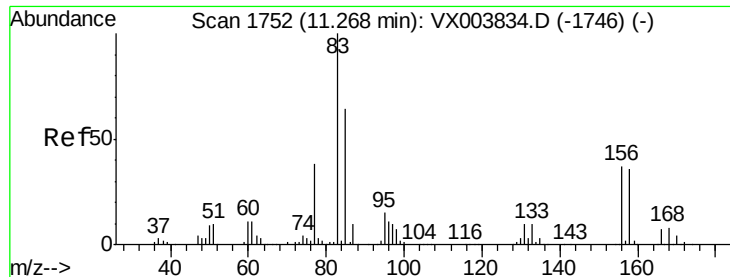
43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 20.9 16.7 25.1





#75

1,1,2,2-Tetrachloroethane

Concen: 46.807 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. 0.00 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080318

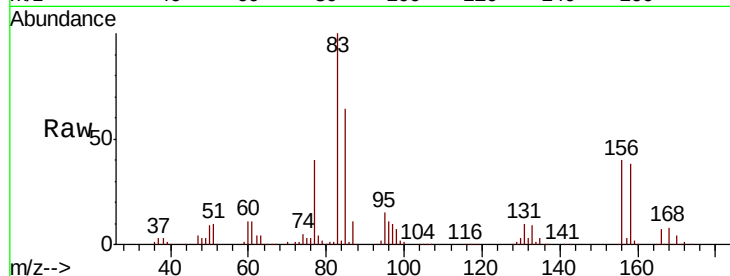
Tgt Ion: 83 Resp: 104840

Ion Ratio Lower Upper

83 100

131 10.8 5.3 15.9

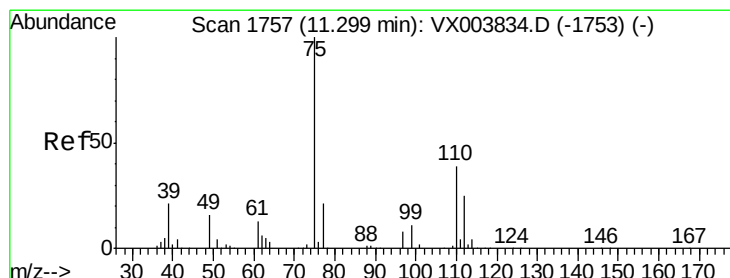
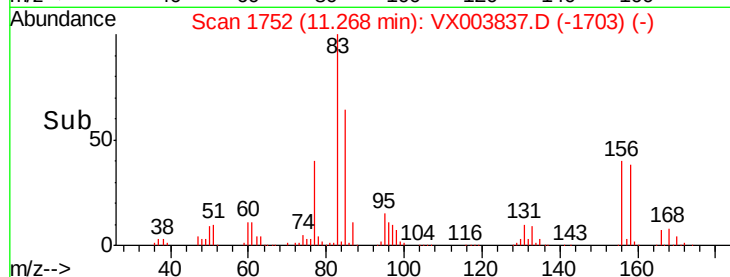
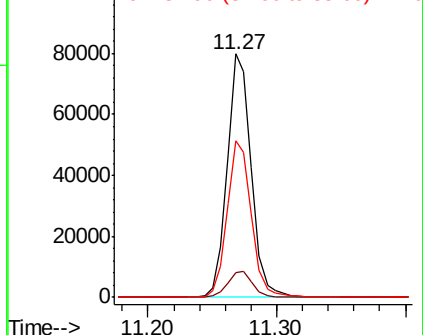
85 64.6 32.1 96.3



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.558 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003837.D

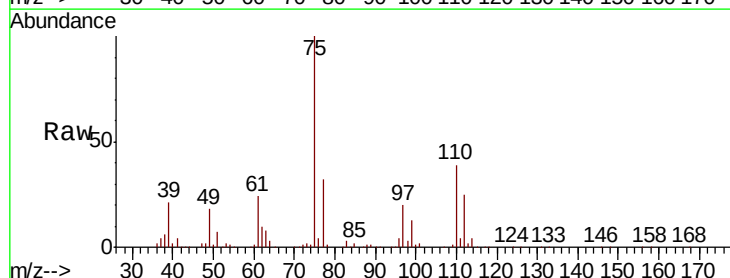
Acq: 02 Aug 2018 21:36

Tgt Ion: 75 Resp: 120857

Ion Ratio Lower Upper

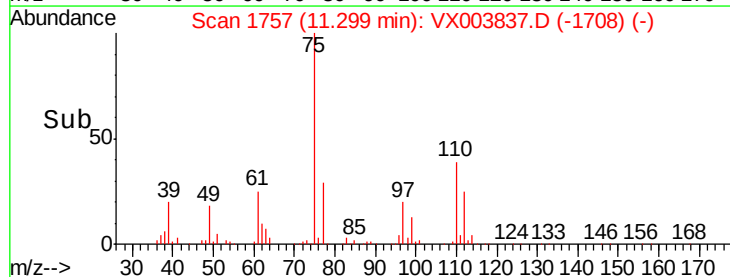
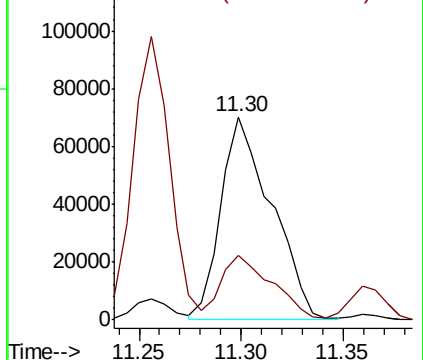
75 100

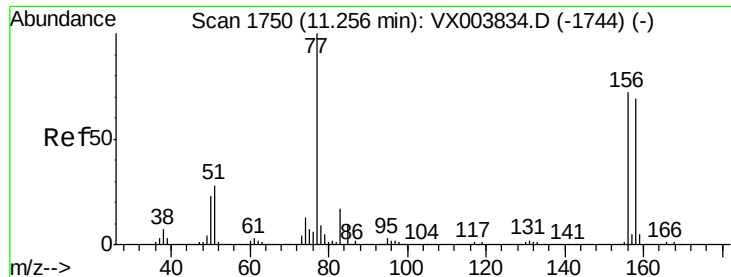
77 32.1 21.1 63.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.684 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080318

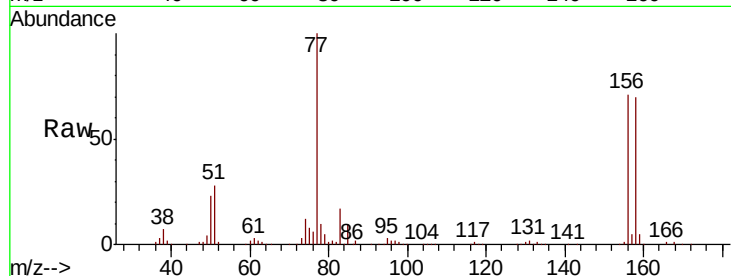
Tgt Ion:156 Resp: 88875

Ion Ratio Lower Upper

156 100

77 138.3 69.0 206.9

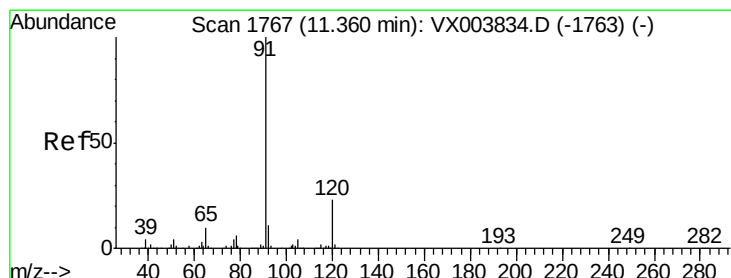
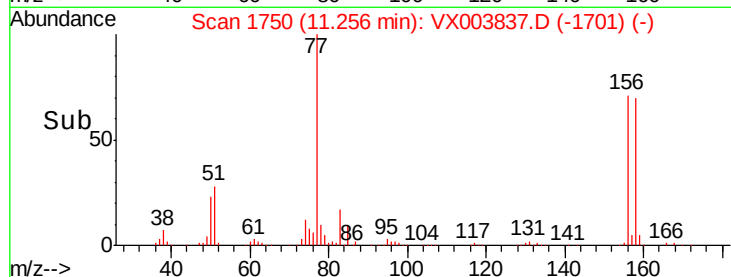
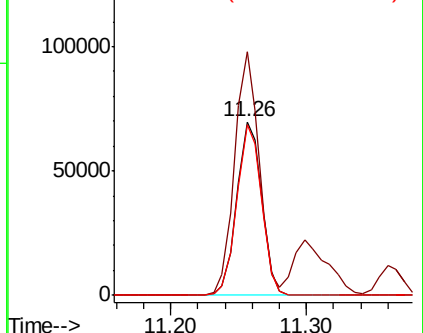
158 97.6 48.1 144.4



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 54.033 ug/l

RT: 11.36 min Scan# 1767

Delta R.T. 0.00 min

Lab File: VX003837.D

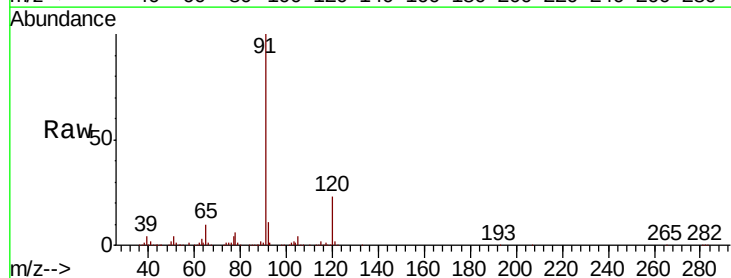
Acq: 02 Aug 2018 21:36

Tgt Ion: 91 Resp: 375715

Ion Ratio Lower Upper

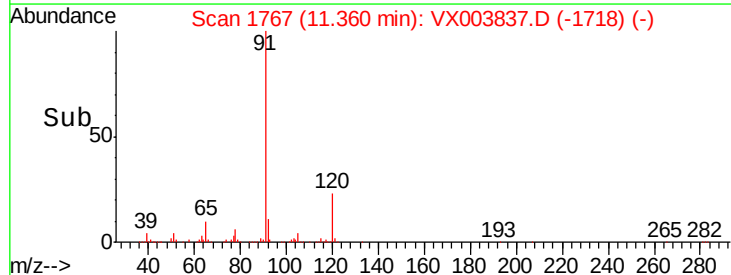
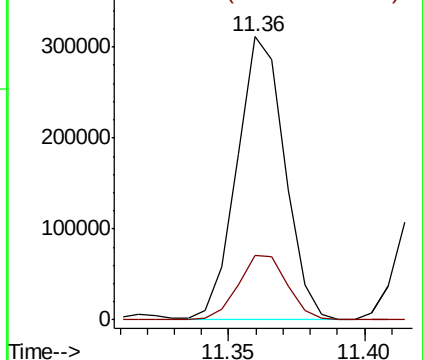
91 100

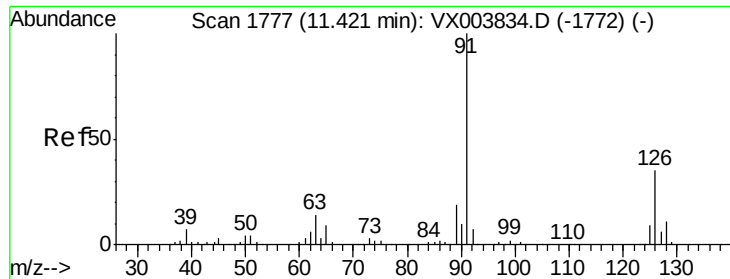
120 23.8 12.1 36.3



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.913 ug/l

RT: 11.42 min Scan# 1777

Delta R.T. 0.00 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

Instrument :

MSVOA_X

ClientSampleId :

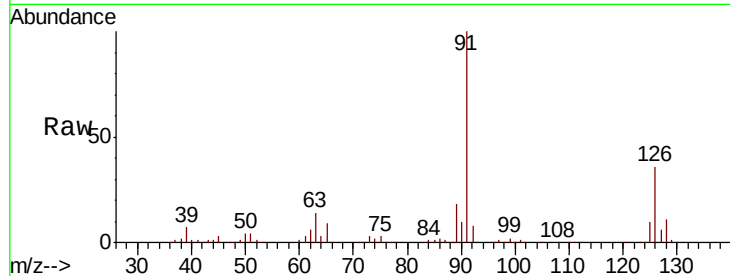
ICVVX080318

Tgt Ion: 91 Resp: 218879

Ion Ratio Lower Upper

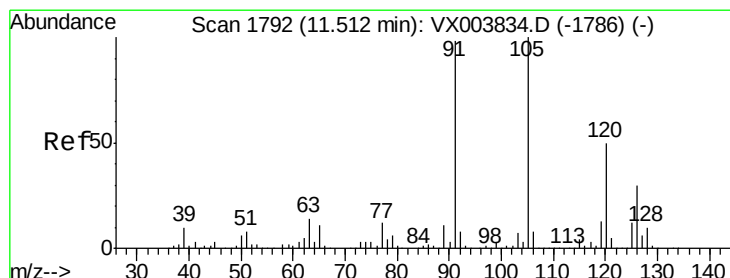
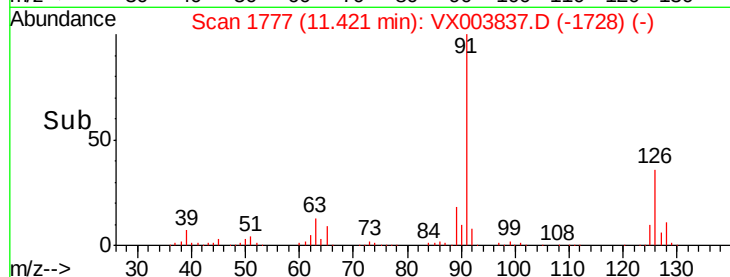
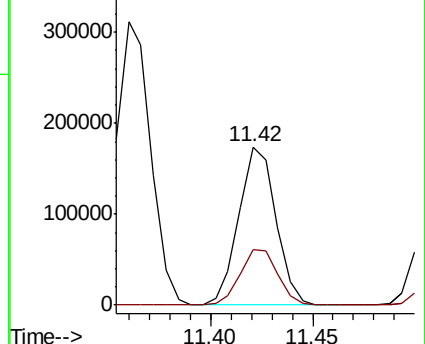
91 100

126 36.1 17.9 53.7



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 53.709 ug/l

RT: 11.51 min Scan# 1791

Delta R.T. -0.01 min

Lab File: VX003837.D

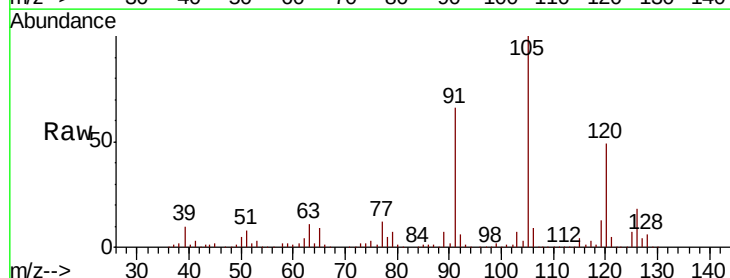
Acq: 02 Aug 2018 21:36

Tgt Ion: 105 Resp: 276952

Ion Ratio Lower Upper

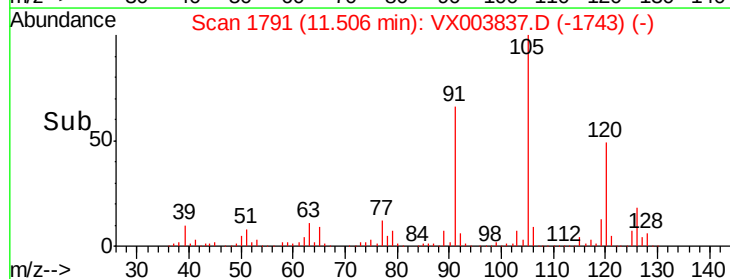
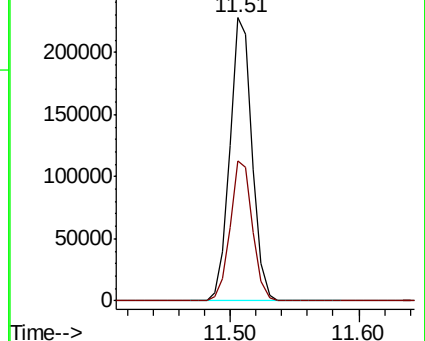
105 100

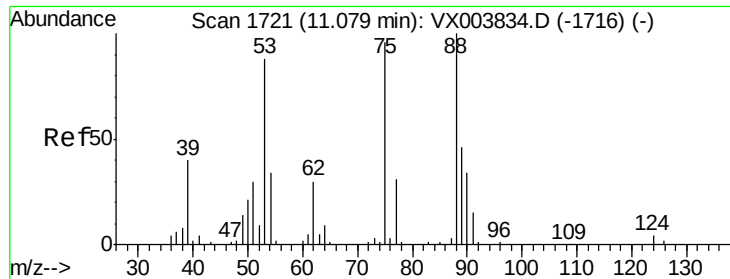
120 49.6 24.8 74.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

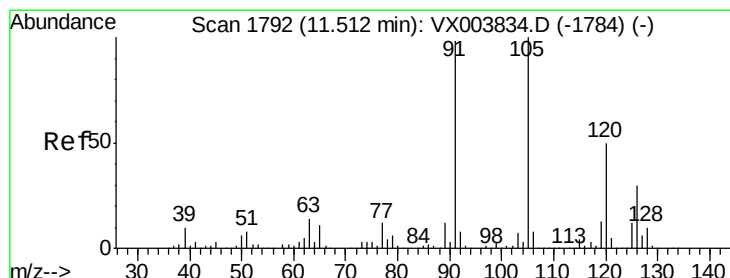
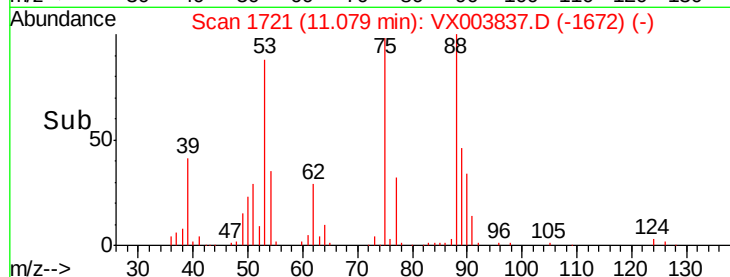
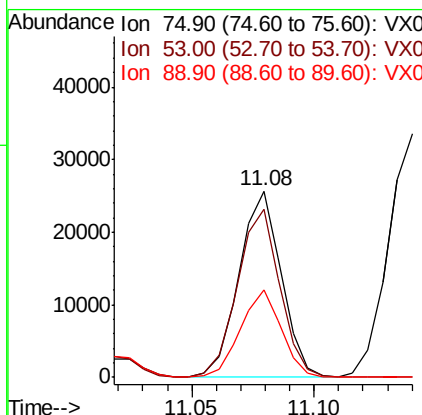
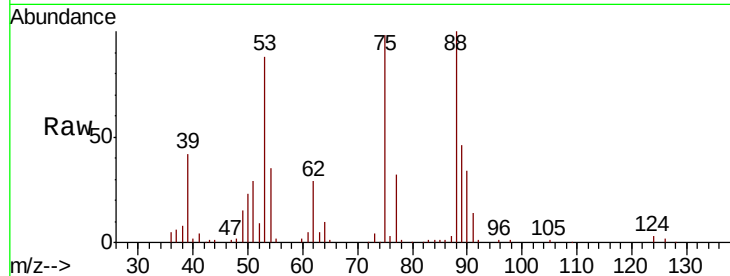




#81
trans-1,4-Dichloro-2-butene
Concen: 50.081 ug/l
RT: 11.08 min Scan# 1721
Delta R.T. 0.00 min
Lab File: VX003837.D
Acq: 02 Aug 2018 21:36

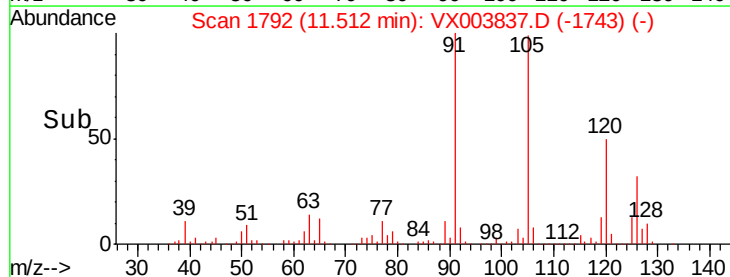
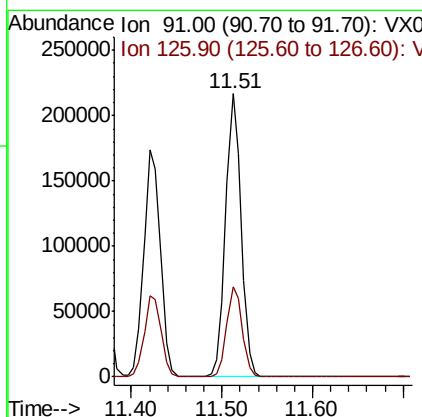
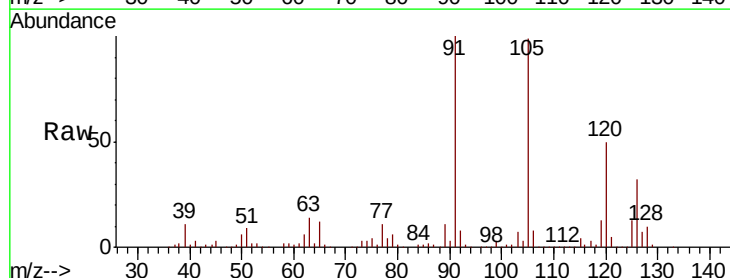
Instrument :
MSVOA_X
ClientSampleId :
ICVVX080318

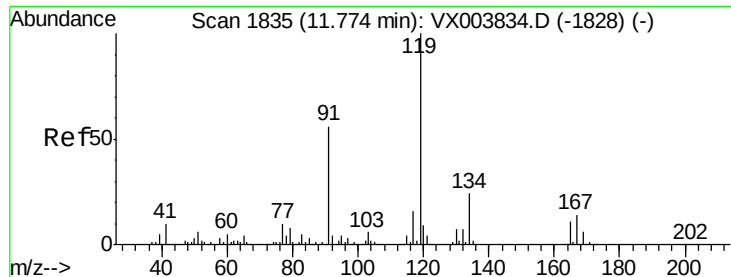
Tgt Ion: 75 Resp: 30697
Ion Ratio Lower Upper
75 100
53 91.4 74.9 112.3
89 45.9 36.6 54.8



#82
4-Chlorotoluene
Concen: 52.050 ug/l
RT: 11.51 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX003837.D
Acq: 02 Aug 2018 21:36

Tgt Ion: 91 Resp: 258893
Ion Ratio Lower Upper
91 100
126 31.9 16.0 47.9

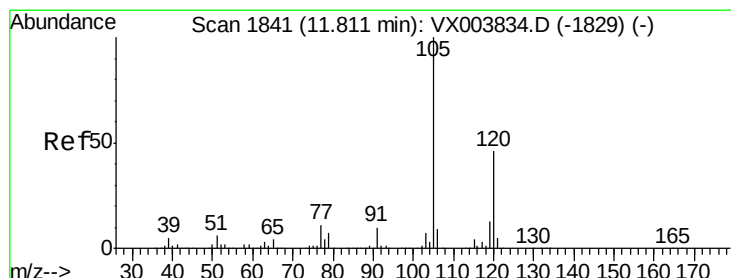
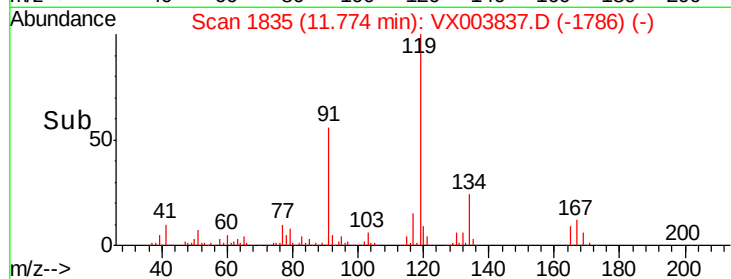
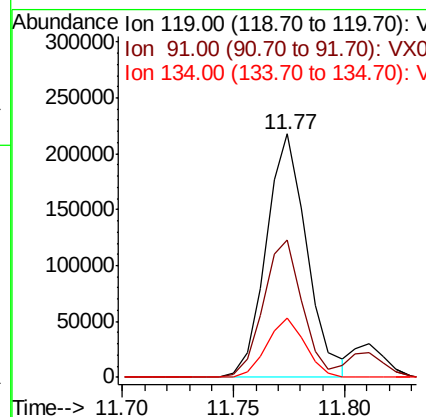
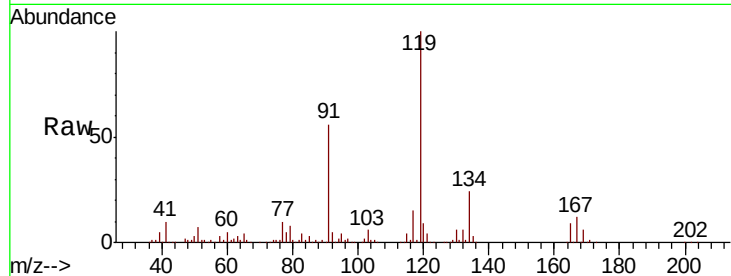




#83
 tert-Butylbenzene
 Concen: 53.254 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

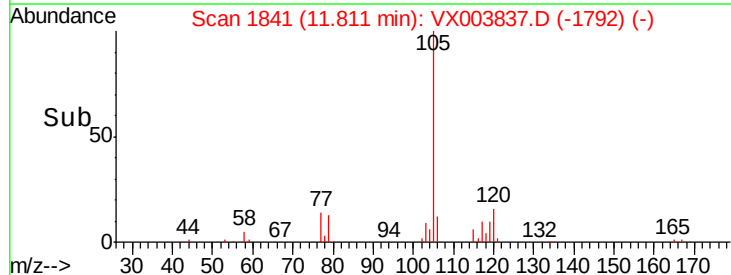
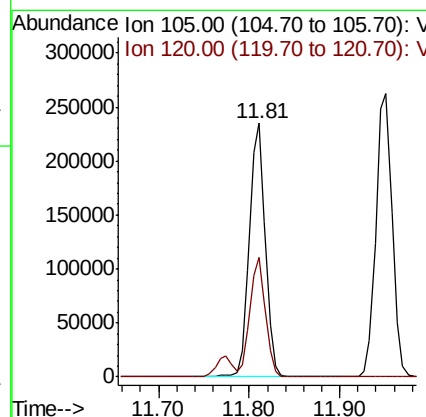
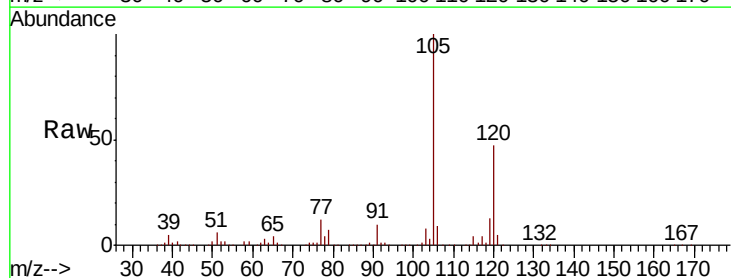
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080318

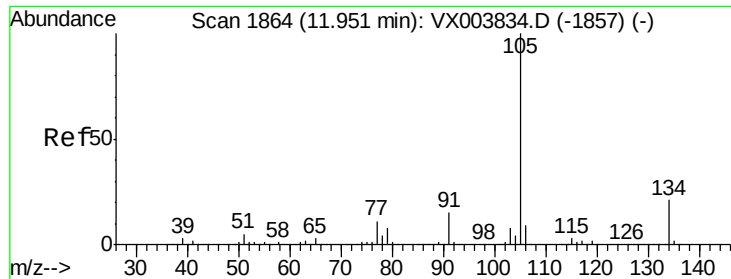
Tgt Ion:119 Resp: 276187
 Ion Ratio Lower Upper
 119 100
 91 54.0 26.6 79.7
 134 23.0 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 53.438 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

Tgt Ion:105 Resp: 285015
 Ion Ratio Lower Upper
 105 100
 120 46.2 22.9 68.5





#85

sec-Butylbenzene

Concen: 54.267 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

Instrument :

MSVOA_X

ClientSampleId :

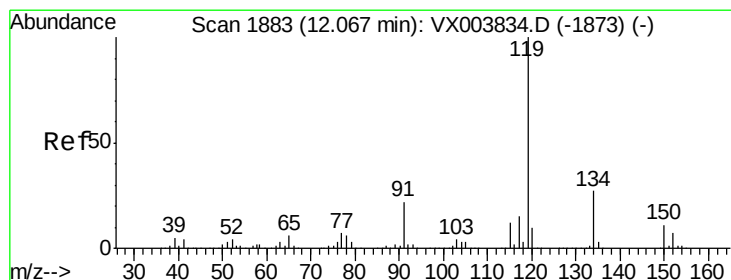
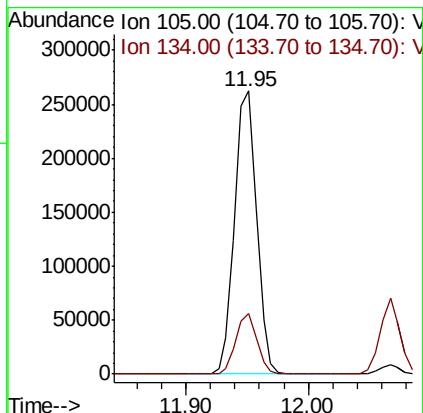
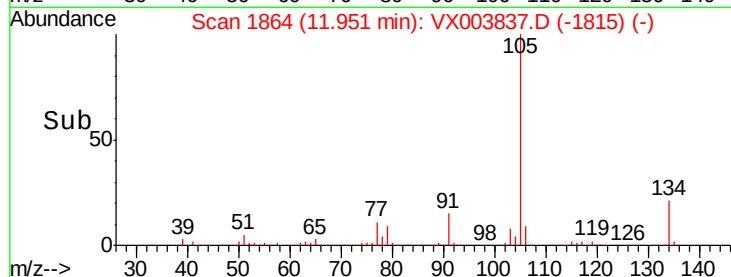
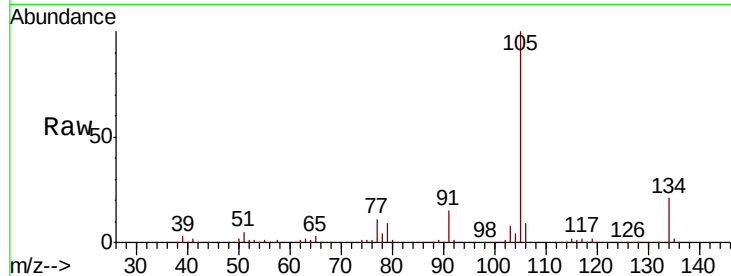
ICVVX080318

Tgt Ion:105 Resp: 325100

Ion Ratio Lower Upper

105 100

134 20.7 10.4 31.4



#86

p-Isopropyltoluene

Concen: 54.799 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

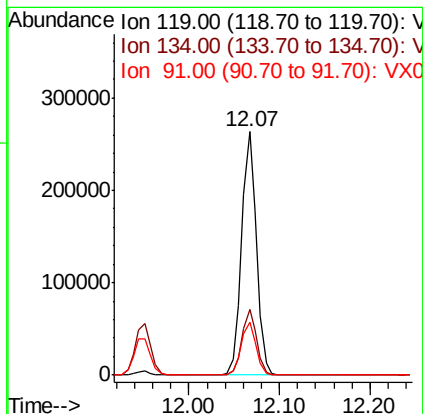
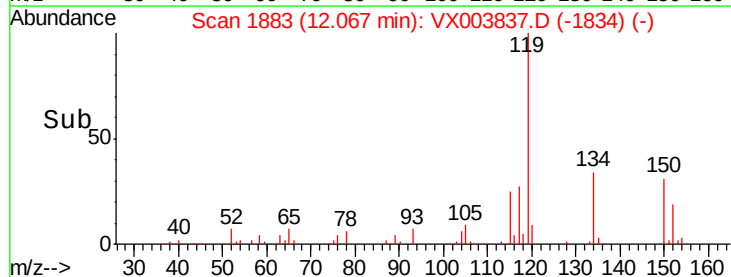
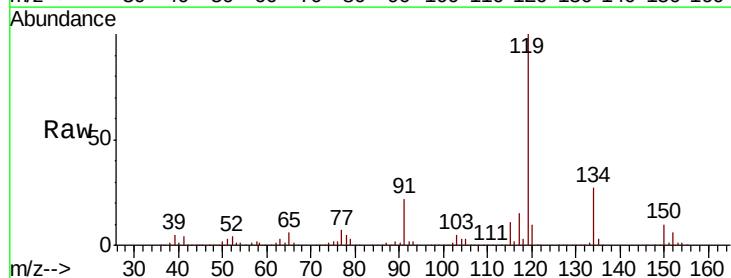
Tgt Ion:119 Resp: 297432

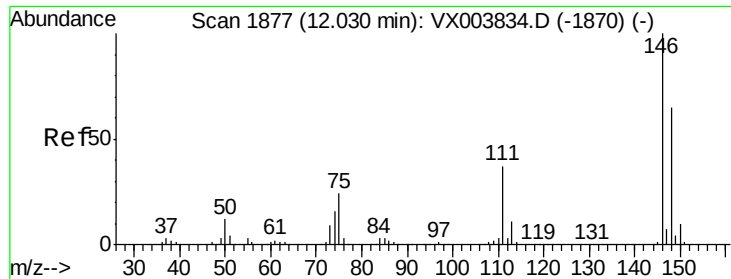
Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.2

91 22.0 11.1 33.1

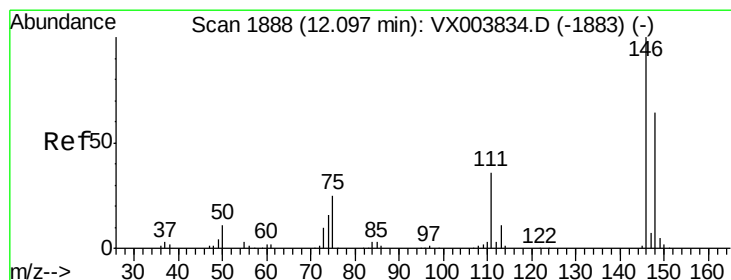
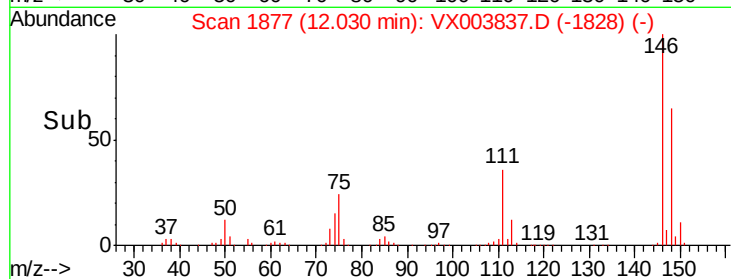
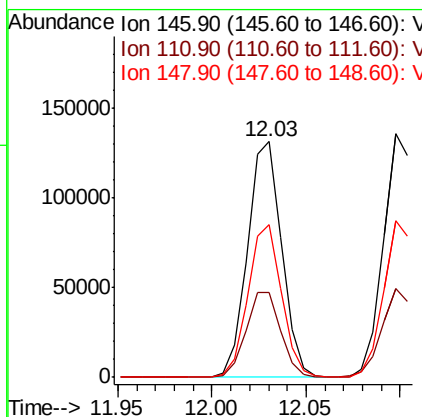
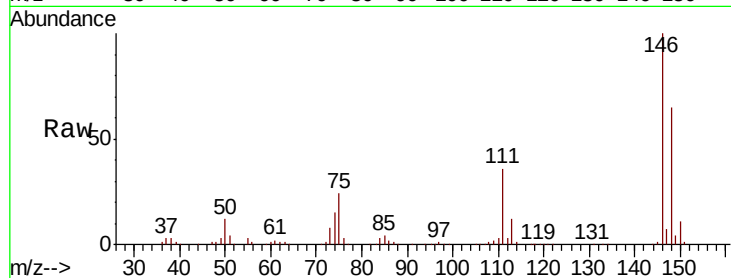




#87
 1,3-Dichlorobenzene
 Concen: 50.517 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

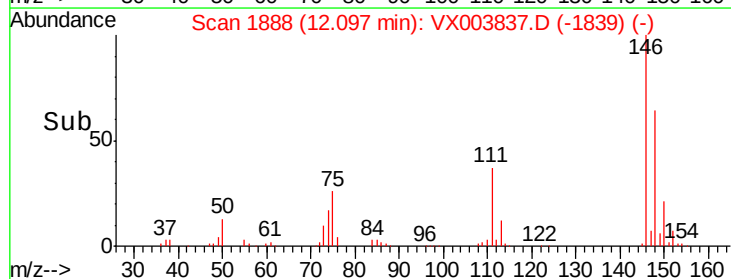
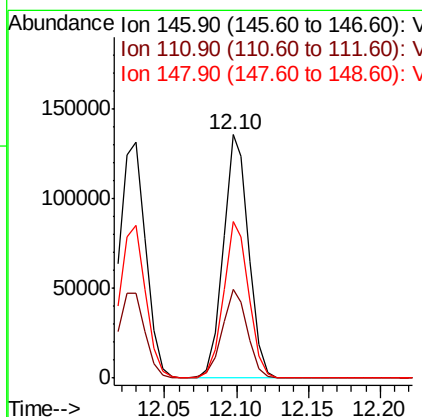
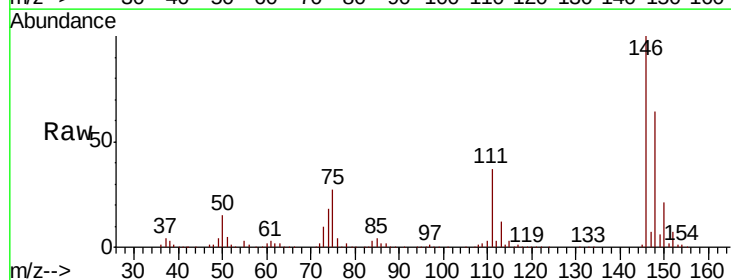
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080318

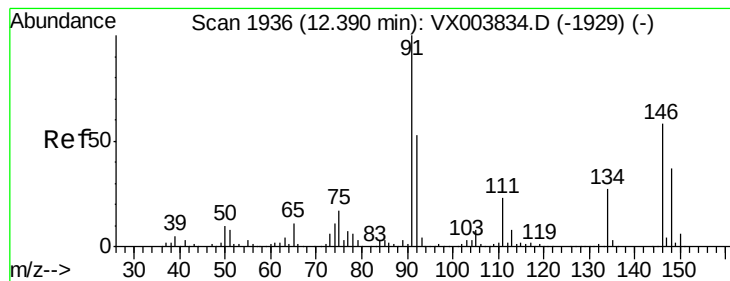
Tgt Ion:146 Resp: 164689
 Ion Ratio Lower Upper
 146 100
 111 36.9 18.8 56.4
 148 63.9 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 49.693 ug/l
 RT: 12.10 min Scan# 1888
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

Tgt Ion:146 Resp: 167470
 Ion Ratio Lower Upper
 146 100
 111 36.3 18.1 54.3
 148 64.0 32.1 96.5





#89

n-Butylbenzene

Concen: 54.334 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080318

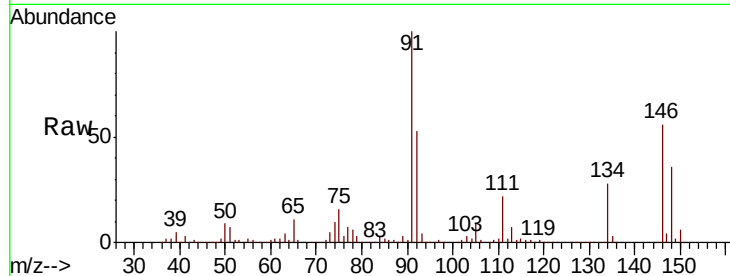
Tgt Ion: 91 Resp: 252745

Ion Ratio Lower Upper

91 100

92 53.0 26.3 78.9

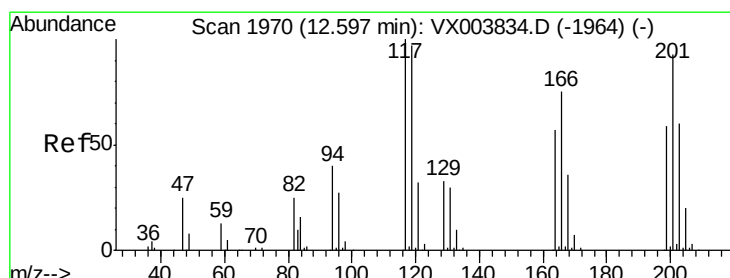
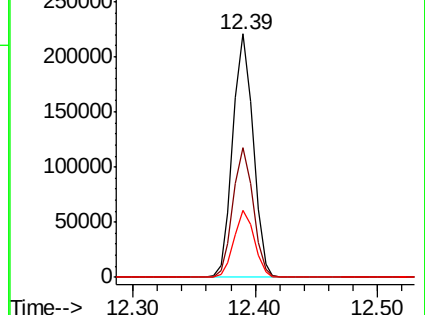
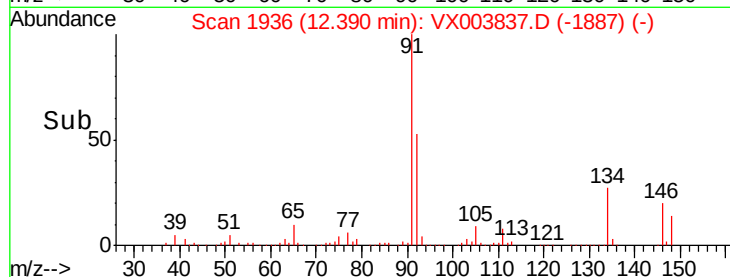
134 27.5 13.7 41.0



Abundance Ion 91.00 (90.70 to 91.70): VX003837.D (-1887) (-)

Ion 92.00 (91.70 to 92.70): VX003837.D (-1887) (-)

Ion 134.00 (133.70 to 134.70): VX003837.D (-1887) (-)



#90

Hexachloroethane

Concen: 52.369 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003837.D

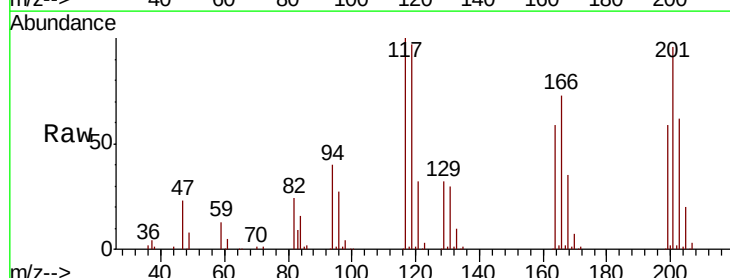
Acq: 02 Aug 2018 21:36

Tgt Ion: 117 Resp: 46039

Ion Ratio Lower Upper

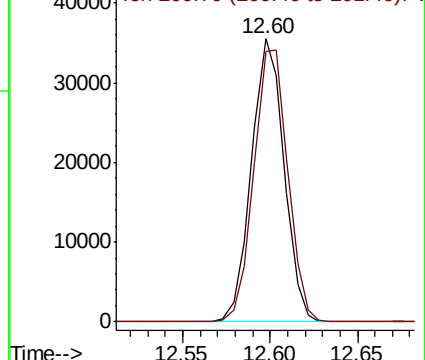
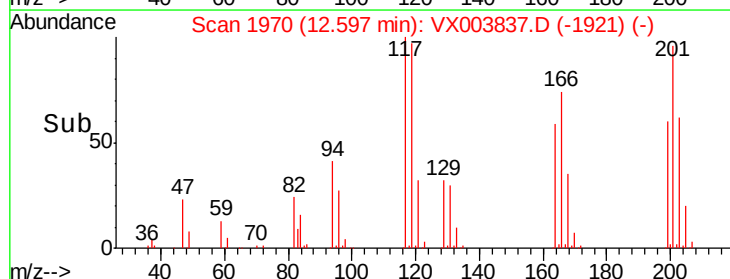
117 100

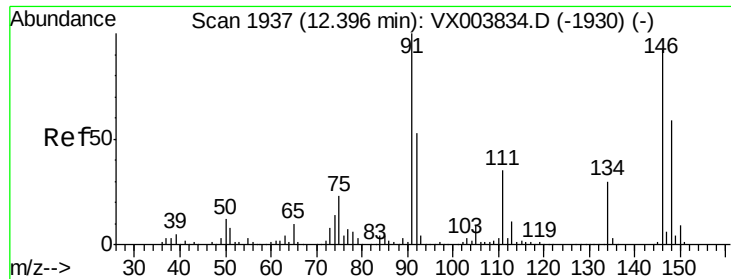
201 100.1 49.9 149.6



Abundance Ion 116.80 (116.50 to 117.50): VX003837.D (-1921) (-)

Ion 200.70 (200.40 to 201.40): VX003837.D (-1921) (-)

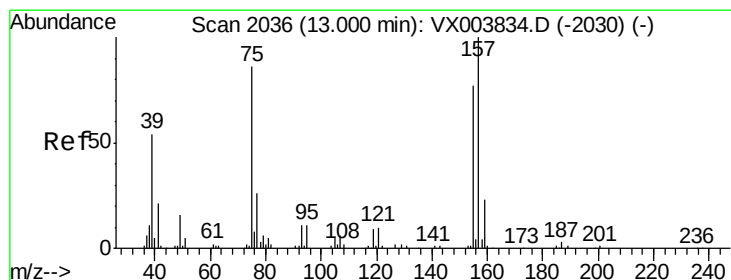
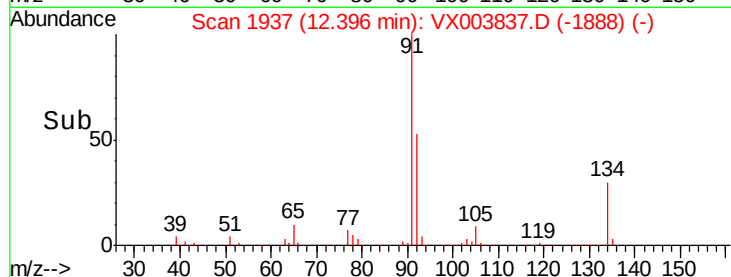
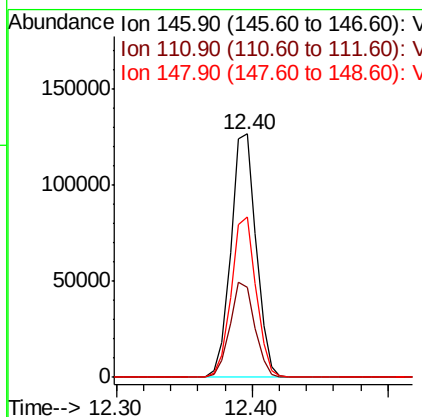
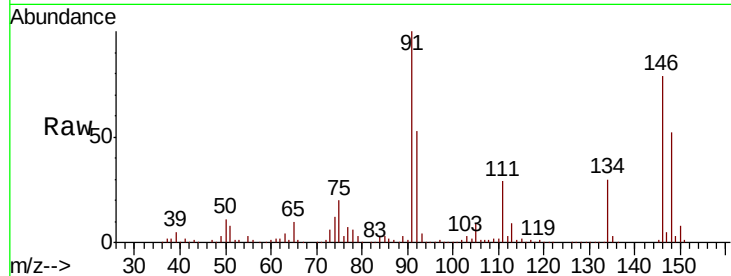




#91
 1,2-Dichlorobenzene
 Concen: 49.055 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

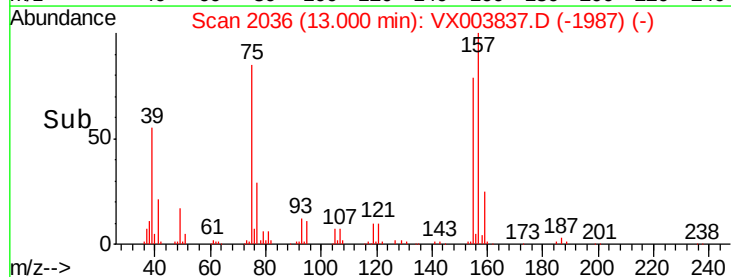
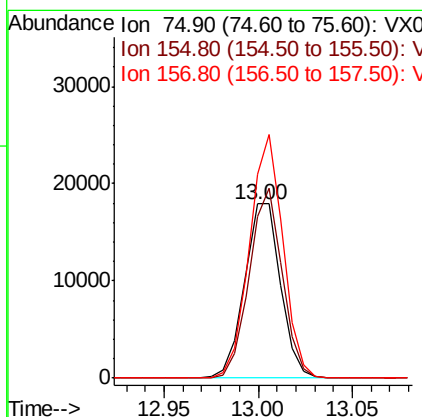
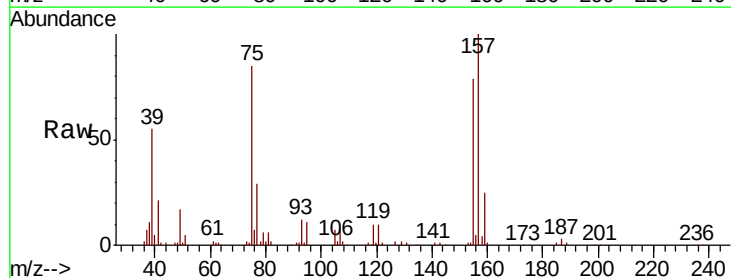
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080318

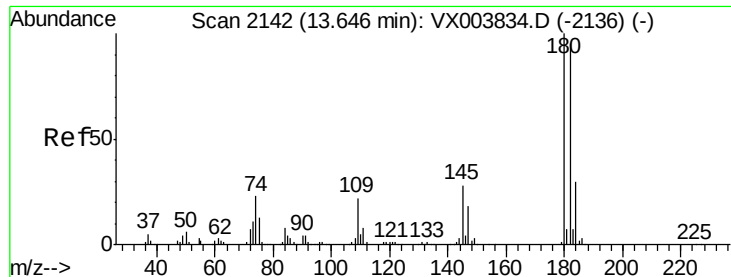
Tgt Ion: 146 Resp: 163407
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.1 57.5
 148 64.8 32.0 96.2



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 47.928 ug/l
 RT: 13.00 min Scan# 2036
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

Tgt Ion: 75 Resp: 23729
 Ion Ratio Lower Upper
 75 100
 155 99.8 49.5 148.3
 157 129.4 64.5 193.5

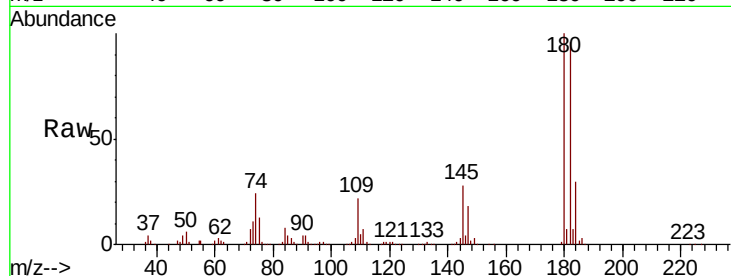




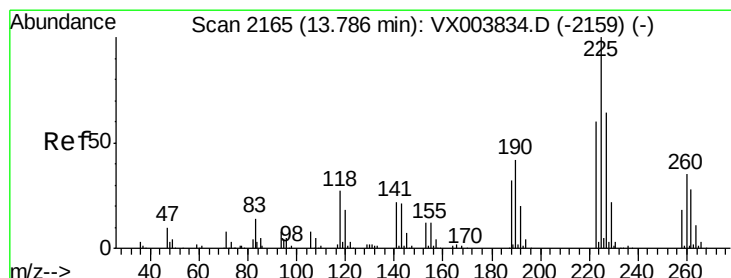
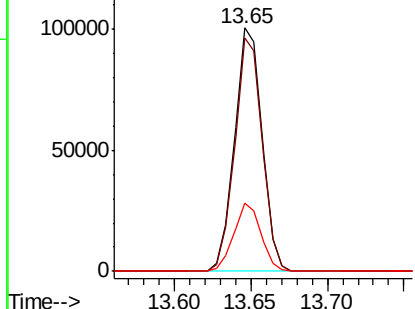
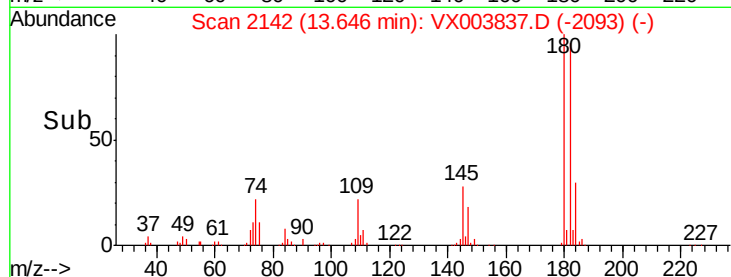
#93
 1,2,4-Trichlorobenzene
 Concen: 53.026 ug/l
 RT: 13.65 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX080318

Tgt Ion:180 Resp: 125123
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.6 142.9
 145 27.6 13.8 41.3

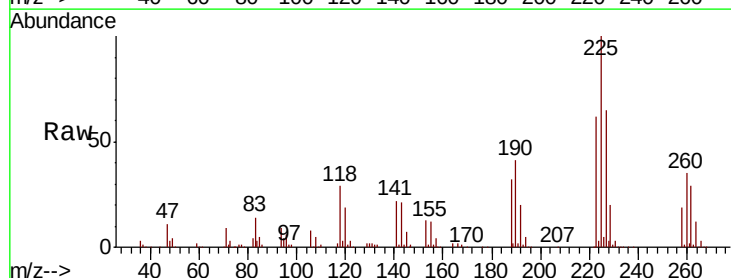


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

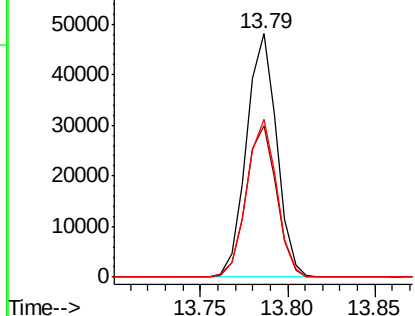
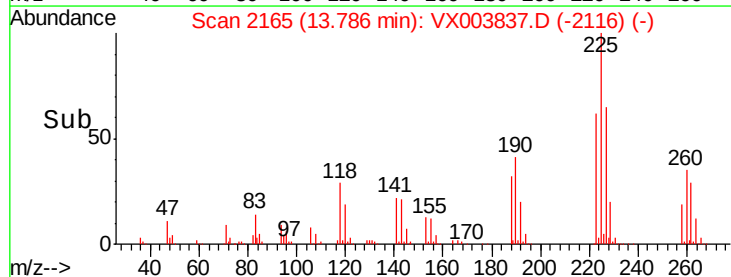


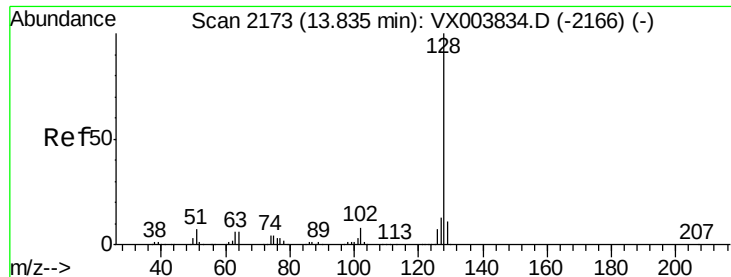
#94
 Hexachlorobutadiene
 Concen: 51.675 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003837.D
 Acq: 02 Aug 2018 21:36

Tgt Ion:225 Resp: 57564
 Ion Ratio Lower Upper
 225 100
 223 62.8 30.4 91.3
 227 64.6 32.2 96.6



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 54.698 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

Instrument :

MSVOA_X

ClientSampleId :

ICVVX080318

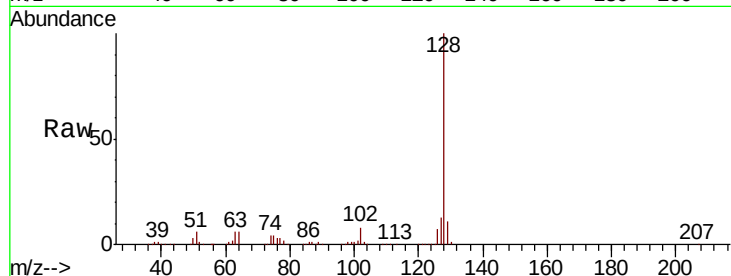
Tgt Ion:128 Resp: 375852

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

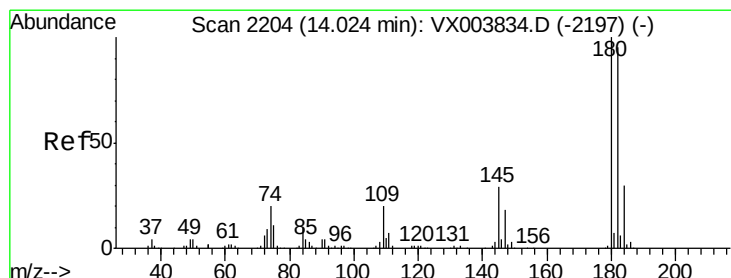
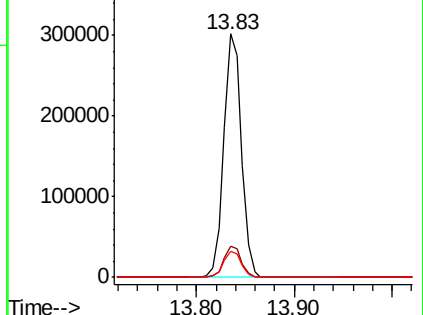
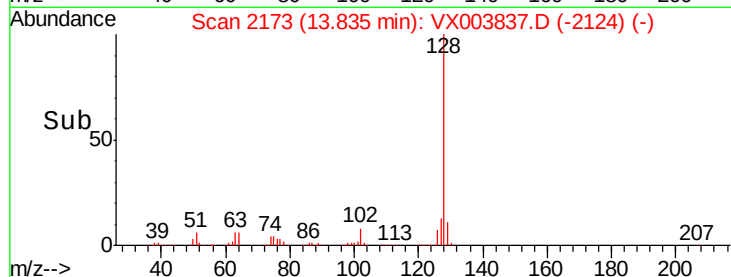
129 10.8 8.7 13.1



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.054 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003837.D

Acq: 02 Aug 2018 21:36

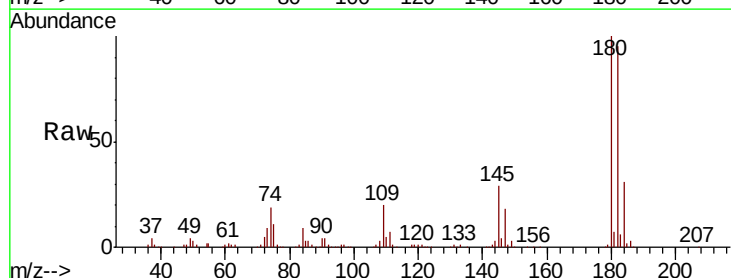
Tgt Ion:180 Resp: 127805

Ion Ratio Lower Upper

180 100

182 95.6 47.8 143.4

145 29.4 14.6 44.0



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

