

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100218\
 Data File : VX004915.D
 Acq On : 02 Oct 2018 12:33
 Operator : JC/MD
 Sample : VSTDICV020
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100218

Quant Time: Oct 03 07:45:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X100218W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Oct 03 04:49:12 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	42940	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	238887	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	223329	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	98020	30.04	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.13%
60) 4-Bromofluorobenzene	11.14	95	111675	30.08	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	100.27%
63) Toluene-d8	8.71	98	292265	29.32	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	97.73%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.20	85	79490	23.777	ug/l 100
3) Chloromethane	1.32	50	83014	23.932	ug/l 100
4) Vinyl Chloride	1.40	62	82580	23.288	ug/l 98
5) Bromomethane	1.64	94	37626	22.112	ug/l 98
6) Chloroethane	1.72	64	46420	22.801	ug/l 97
7) Trichlorofluoromethane	1.93	101	105721	23.405	ug/l 100
8) Diethyl Ether	2.19	74	41950	22.782	ug/l 100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	61401	23.669	ug/l 99
10) 1,1-Dichloroethene	2.37	96	55471	22.576	ug/l 99
11) Methyl Iodide	2.51	142	34802	22.104	ug/l 99
12) Methyl Acetate	2.78	43	115583	23.328	ug/l 98
13) Acrolein	2.29	56	49074	107.201	ug/l 99
14) Acrylonitrile	3.15	53	229353	113.276	ug/l 99
15) Acetone	2.45	58	73698	108.889	ug/l 99
16) Carbon Disulfide	2.57	76	169722	23.551	ug/l 100
17) Allyl chloride	2.73	41	124621	22.808	ug/l 98
18) Methylene Chloride	2.85	84	64656	22.627	ug/l 97
19) trans-1,2-Dichloroethene	3.16	96	60264	22.957	ug/l 99
20) Diisopropyl ether	3.87	45	222551	23.890	ug/l 99
21) 1,1-Dichloroethane	3.70	63	118855	23.156	ug/l 99
22) cis-1,2-Dichloroethene	4.60	96	65439	22.536	ug/l 99
23) tert-Butyl Alcohol	3.06	59	111732	119.557	ug/l # 100
24) Methyl tert-Butyl Ether	3.20	73	204487	22.646	ug/l 100
25) Chloroform	5.21	83	108445	22.449	ug/l 98
26) Cyclohexane	5.57	56	101321	23.002	ug/l # 100
29) 1,1-Dichloropropene	5.80	75	81418	23.032	ug/l 99
30) 2-Butanone	4.70	43	321914	112.007	ug/l 100
31) 2,2-Dichloropropane	4.58	77	89791	23.151	ug/l 99
32) 1,1,1-Trichloroethane	5.49	97	90866	22.361	ug/l 99
33) Carbon Tetrachloride	5.78	117	79532	22.285	ug/l 98
34) Benzene	6.14	78	243005	22.653	ug/l 98
35) Methacrylonitrile	5.06	41	60220	22.547	ug/l 99
36) 1,2-Dichloroethane	6.20	62	87421	22.622	ug/l 98
37) Trichloroethene	7.21	130	65271	23.099	ug/l 96
38) Methylcyclohexane	7.46	83	97828	23.310	ug/l 99
39) 1,2-Dichloropropane	7.52	63	65009	22.745	ug/l 91
40) Dibromomethane	7.66	93	42030	22.688	ug/l 96

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 QLast Update : Wed Oct 03 04:49:12 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Bromodichloromethane	7.90	83	78839	22.076	ug/l	99
42) Vinyl Acetate	3.82	43	1019888	122.657	ug/l	100
43) Ethyl Acetate	4.85	43	109332	23.061	ug/l	97
44) Isopropyl Acetate	6.46	43	155903	22.036	ug/l	99
45) 1,4-Dioxane	7.75	88	37320	447.730	ug/l	98
46) Methyl methacrylate	7.77	41	80636	21.968	ug/l	96
47) n-amyl Acetate	10.90	43	136102	20.851	ug/l	100
48) t-1,3-Dichloropropene	9.04	75	89423	21.887	ug/l	99
49) cis-1,3-Dichloropropene	8.44	75	99206	22.401	ug/l	99
50) 1,1,2-Trichloroethane	9.22	97	63582	22.670	ug/l	98
51) Ethyl methacrylate	9.18	69	97349	21.871	ug/l	96
52) 1,3-Dichloropropane	9.37	76	105579	22.313	ug/l	100
53) Dibromochloromethane	9.59	129	62747	21.564	ug/l	98
54) 1,2-Dibromoethane	9.67	107	65155	22.291	ug/l	100
55) 2-Chloroethyl vinyl ether	8.31	63	257385	109.585	ug/l	99
56) Bromoform	10.86	173	50556	20.804	ug/l	99
58) 4-Methyl-2-Pentanone	8.65	43	559190	111.517	ug/l	99
59) 2-Hexanone	9.50	43	450851	109.131	ug/l	100
61) Tetrachloroethene	9.34	164	63369	23.316	ug/l	99
62) Toluene	8.79	91	264684	22.551	ug/l	99
64) Chlorobenzene	10.14	112	170142	22.447	ug/l	99
65) 1,1,1,2-Tetrachloroethane	10.22	131	59186	21.480	ug/l	98
66) Ethyl Benzene	10.26	91	285394	22.273	ug/l	98
67) m/p-Xylenes	10.36	106	221702	44.437	ug/l	98
68) o-Xylene	10.70	106	106804	22.208	ug/l	98
69) Styrene	10.71	104	176983	21.885	ug/l	99
70) Isopropylbenzene	11.02	105	289264	22.462	ug/l	99
71) 1,1,2,2-Tetrachloroethane	11.27	83	102656	21.462	ug/l	99
72) 1,2,3-Trichloropropane	11.30	75	118381	27.166	ug/l	84
73) Bromobenzene	11.26	156	76803	21.696	ug/l	99
74) n-propylbenzene	11.36	91	341871	22.562	ug/l	99
75) 2-Chlorotoluene	11.42	91	205708	22.260	ug/l	100
76) 1,3,5-Trimethylbenzene	11.51	105	248624	22.375	ug/l	100
77) t-1,4-Dichloro-2-butene	11.07	75	28127	19.632	ug/l	96
78) 4-Chlorotoluene	11.51	91	236384	22.007	ug/l	100
79) tert-butylbenzene	12.07	119	259624	22.016	ug/l	100
80) 1,2,4-Trimethylbenzene	11.81	105	252084	22.246	ug/l	100
81) sec-Butylbenzene	11.94	105	295137	22.502	ug/l	100
82) p-Isopropyltoluene	12.07	119	259624	22.016	ug/l	100
83) 1,3-Dichlorobenzene	12.02	146	142075	21.704	ug/l	100
84) 1,4-Dichlorobenzene	12.10	146	144868	21.808	ug/l	99
85) n-Butylbenzene	12.39	91	235724	22.008	ug/l	100
86) Hexachloroethane	12.60	117	40559	20.881	ug/l	100
87) 1,2-Dichlorobenzene	12.39	146	141081	21.202	ug/l	99
88) 1,2-Dibromo-3-Chloropropan	13.00	75	22840	20.664	ug/l	97
89) 1,2,4-Trichlorobenzene	13.65	180	108375	21.833	ug/l	99
90) Hexachlorobutadiene	13.79	225	56822	23.187	ug/l	99
91) Naphthalene	13.83	128	327576	21.223	ug/l	100
92) 1,2,3-Trichlorobenzene	14.02	180	108834	21.382	ug/l	100

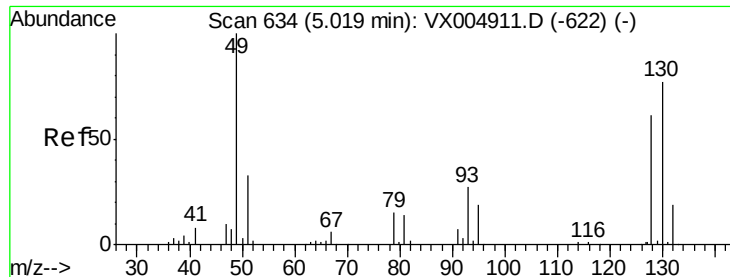
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.02 min Scan# 634

Delta R.T. -0.00 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100218

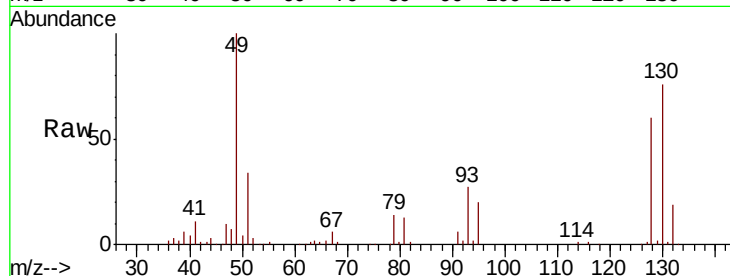
Tot Ion:128 Resp: 42940

Ion Ratio Lower Upper

128 100

49 172.6 0.0 429.5

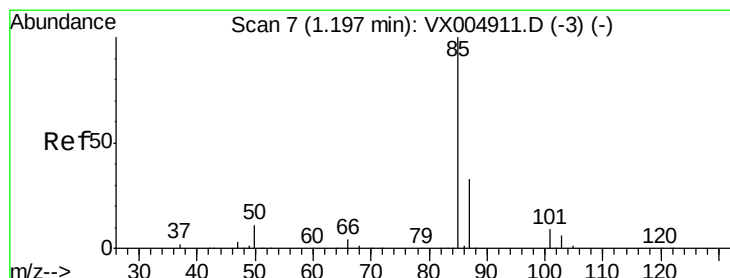
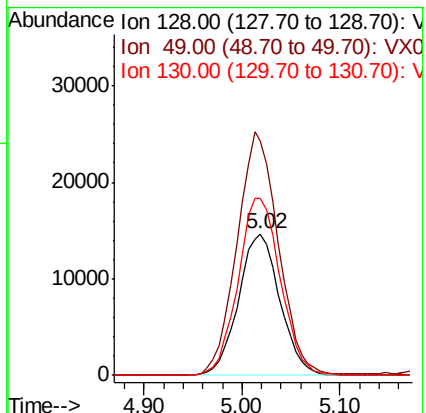
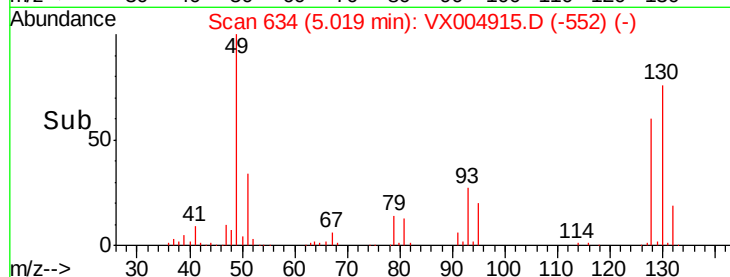
130 128.5 0.0 325.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#2

Dichlorodifluoromethane

Concen: 23.777 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX004915.D

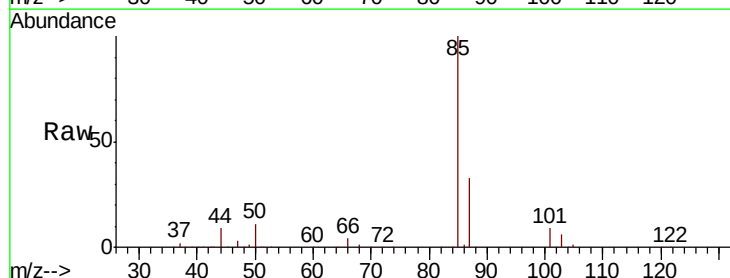
Acq: 02 Oct 2018 12:33

Tgt Ion: 85 Resp: 79490

Ion Ratio Lower Upper

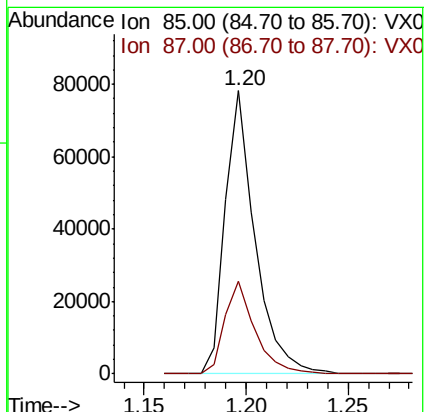
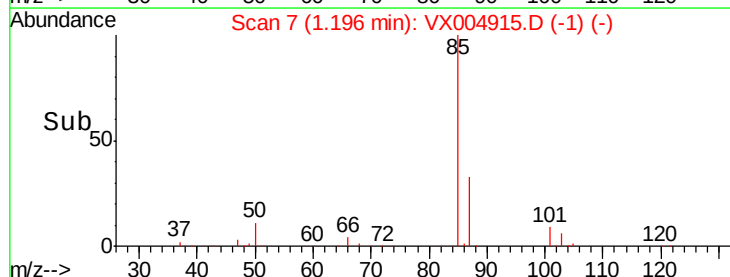
85 100

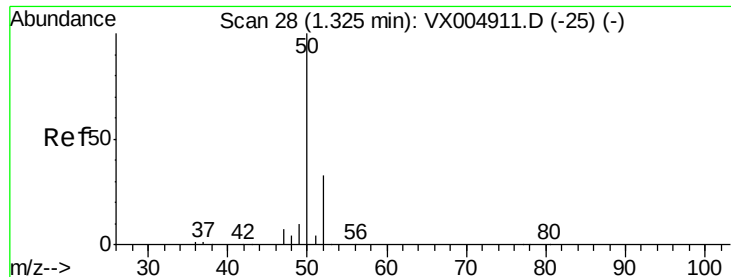
87 32.9 16.5 49.5



Abundance Ion 85.00 (84.70 to 85.70): VX0

Ion 87.00 (86.70 to 87.70): VX0





#3

Chloromethane

Concen: 23.932 ug/l

RT: 1.32 min Scan# 28

Delta R.T. -0.00 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

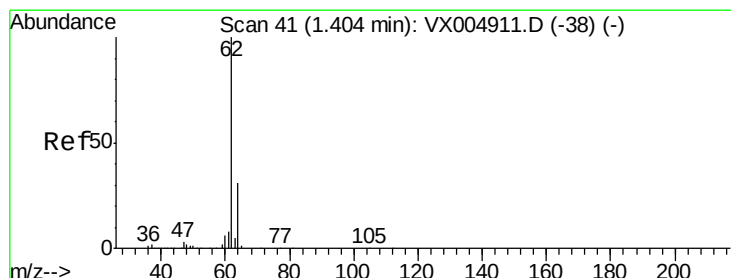
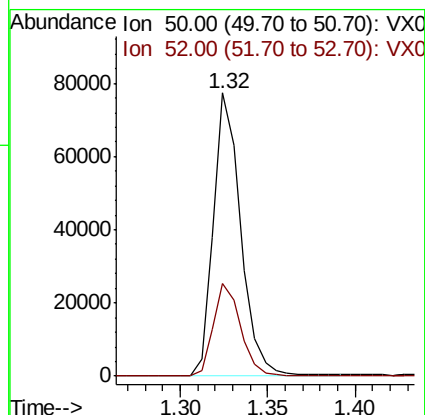
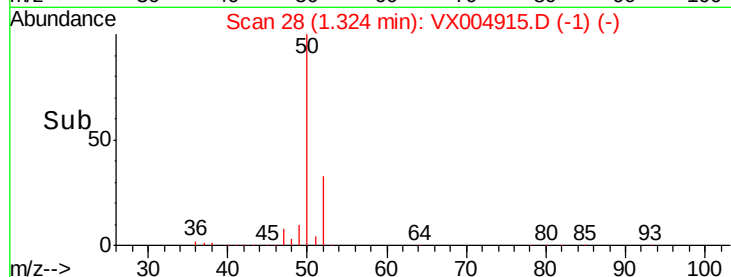
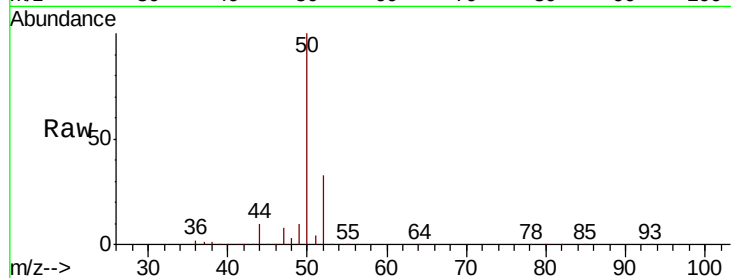
ICVVX100218

Tot Ion: 50 Resp: 83014

Ion Ratio Lower Upper

50 100

52 32.5 26.1 39.1



#4

Vinyl Chloride

Concen: 23.288 ug/l

RT: 1.40 min Scan# 41

Delta R.T. -0.00 min

Lab File: VX004915.D

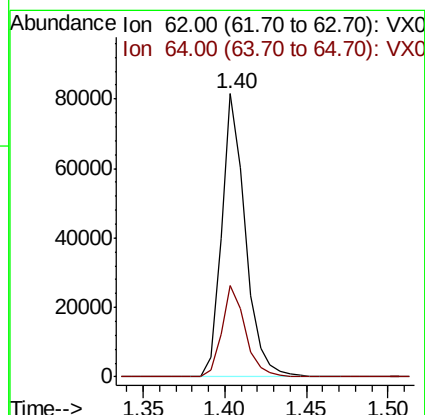
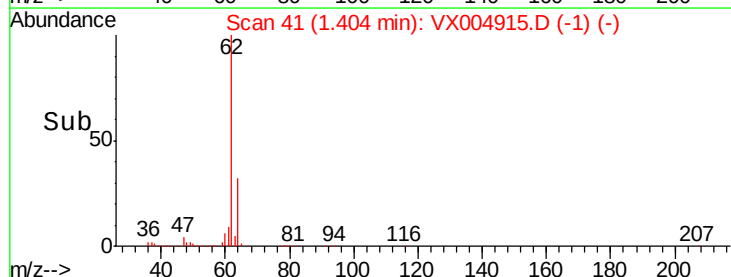
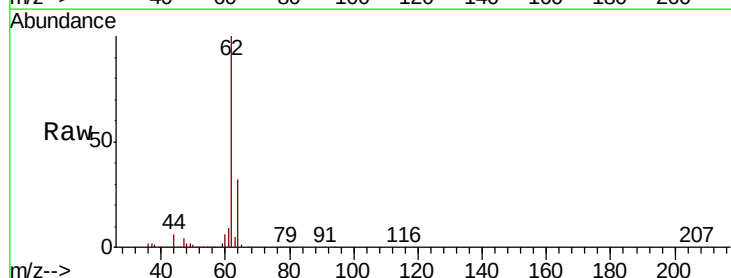
Acq: 02 Oct 2018 12:33

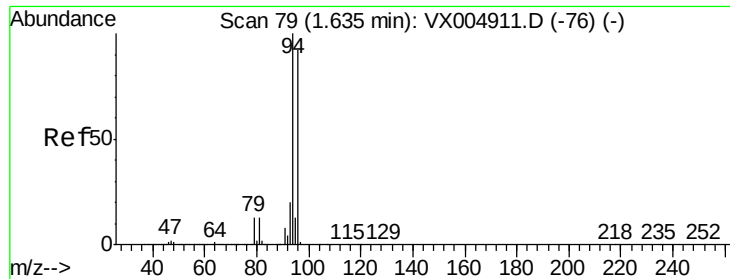
Tgt Ion: 62 Resp: 82580

Ion Ratio Lower Upper

62 100

64 32.4 25.2 37.8





#5

Bromomethane

Concen: 22.112 ug/l

RT: 1.64 min Scan# 79

Delta R.T. -0.00 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

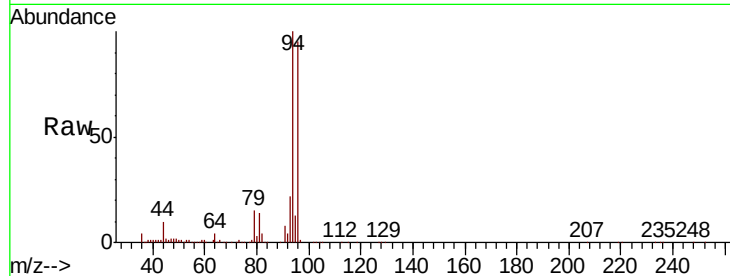
ICVVX100218

Tot Ion: 94 Resp: 37626

Ion Ratio Lower Upper

94 100

96 94.6 73.8 110.8



Abundance Ion 94.00 (93.70 to 94.70): VX0

Ion 96.00 (95.70 to 96.70): VX0

1.64

40000

30000

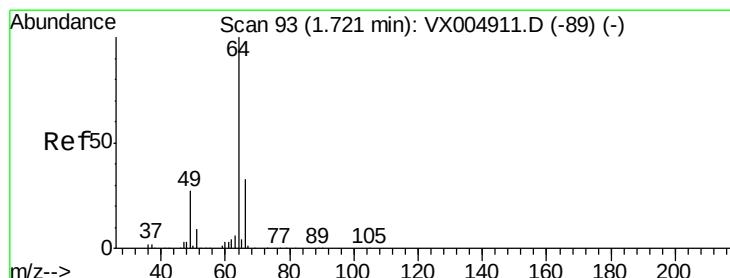
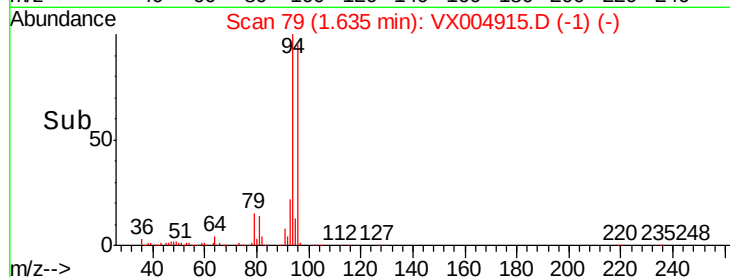
20000

10000

0

Time-->

1.60 1.65



#6

Chloroethane

Concen: 22.801 ug/l

RT: 1.72 min Scan# 93

Delta R.T. -0.00 min

Lab File: VX004915.D

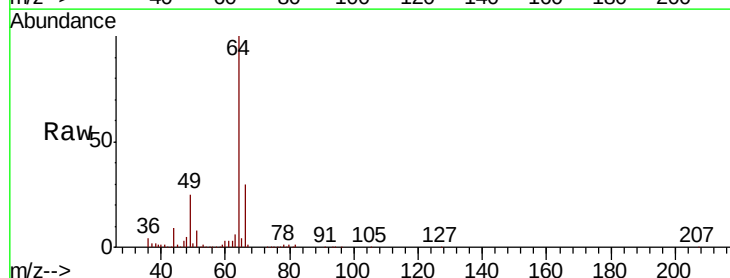
Acq: 02 Oct 2018 12:33

Tgt Ion: 64 Resp: 46420

Ion Ratio Lower Upper

64 100

66 30.6 26.0 39.0



Abundance Ion 64.00 (63.70 to 64.70): VX0

Ion 66.00 (65.70 to 66.70): VX0

1.72

40000

30000

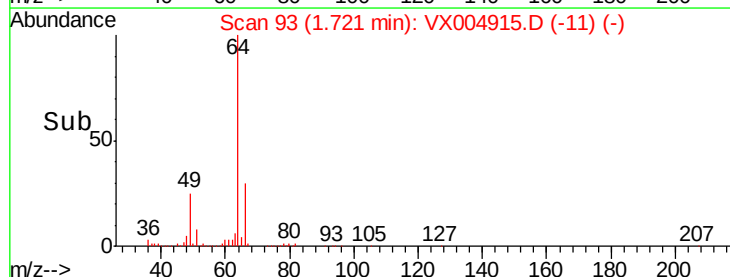
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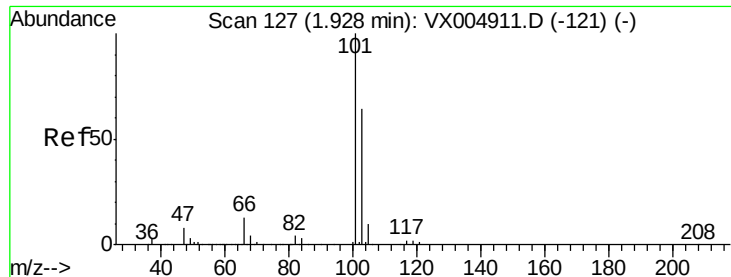
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0

Time-->

1.65 1.70 1.75 1.80



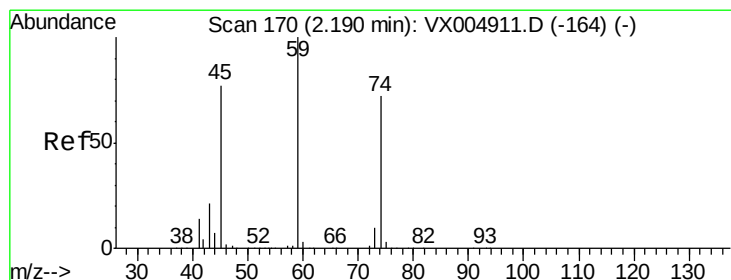
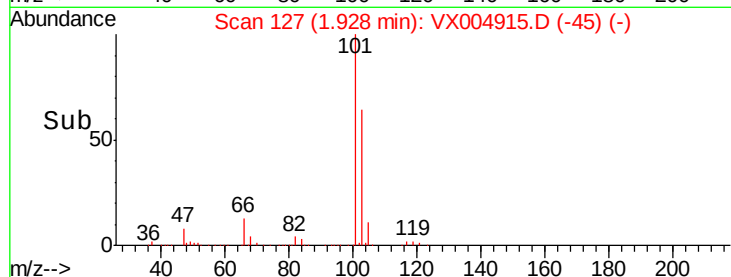
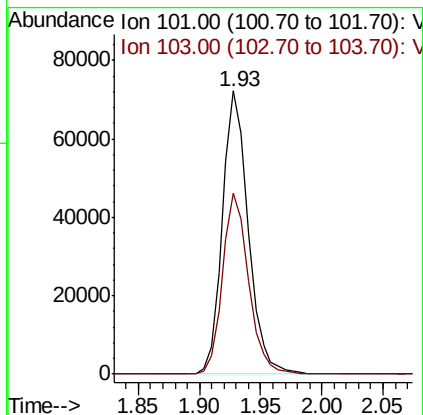
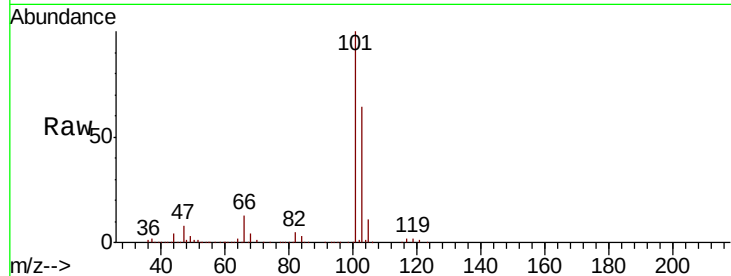


#7

Trichlorofluoromethane
Concen: 23.405 ug/l
RT: 1.93 min Scan# 127
Delta R.T. -0.00 min
Lab File: VX004915.D
Acq: 02 Oct 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100218

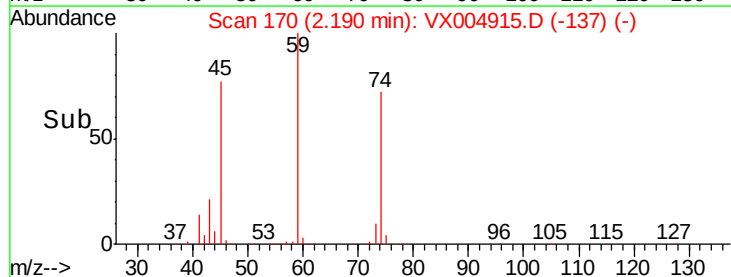
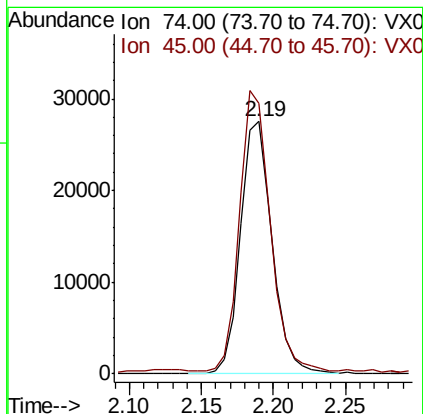
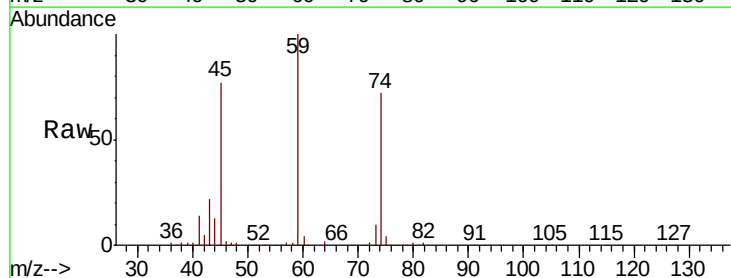
Tot Ion:101 Resp: 105721
Ion Ratio Lower Upper
101 100
103 64.1 51.1 76.7

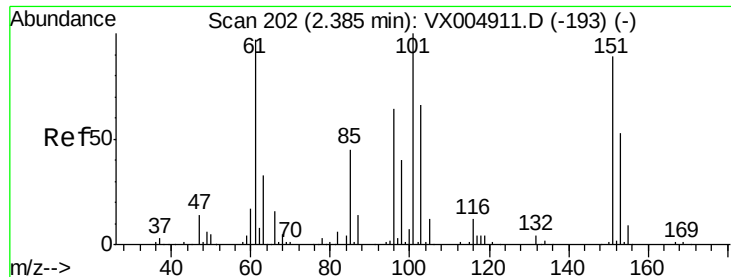


#8

Diethyl Ether
Concen: 22.782 ug/l
RT: 2.19 min Scan# 170
Delta R.T. -0.00 min
Lab File: VX004915.D
Acq: 02 Oct 2018 12:33

Tgt Ion: 74 Resp: 41950
Ion Ratio Lower Upper
74 100
45 108.5 21.6 194.8

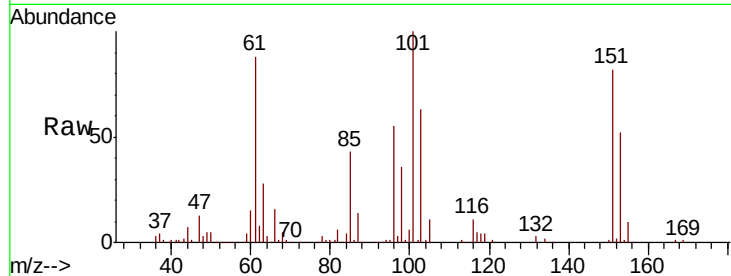




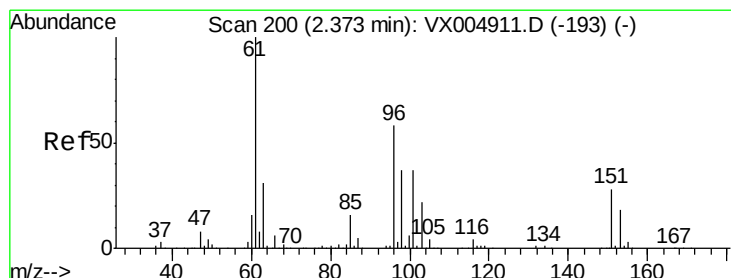
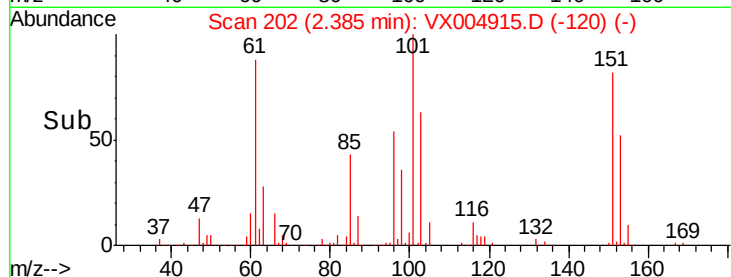
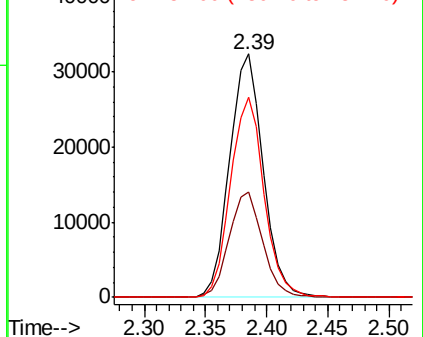
#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 23.669 ug/l
 RT: 2.39 min Scan# 202
 Delta R.T. -0.00 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100218

Tot Ion:101 Resp: 61401
 Ion Ratio Lower Upper
 101 100
 85 43.5 0.0 88.0
 151 81.9 0.0 164.8

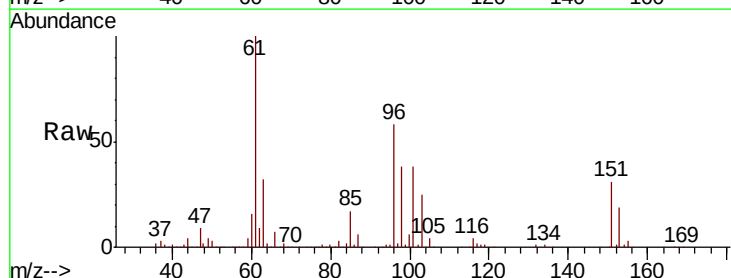


Abundance Ion 101.00 (100.70 to 101.70): V
 Ion 85.00 (84.70 to 85.70): VX0
 Ion 151.00 (150.70 to 151.70): V

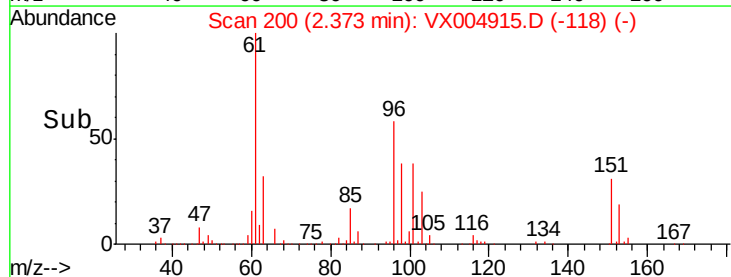
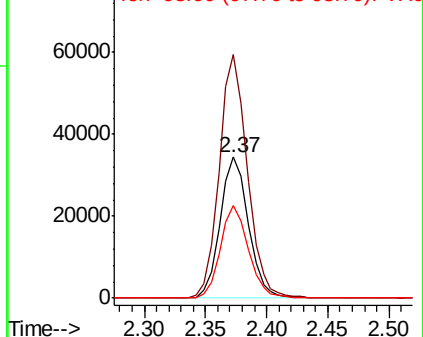


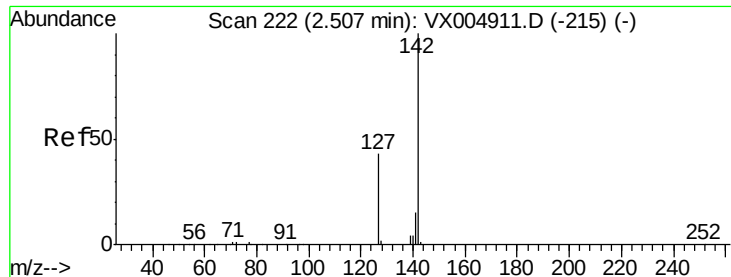
#10
 1,1-Dichloroethene
 Concen: 22.576 ug/l
 RT: 2.37 min Scan# 200
 Delta R.T. -0.00 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

Tgt Ion: 96 Resp: 55471
 Ion Ratio Lower Upper
 96 100
 61 173.4 137.9 206.9
 98 66.0 51.0 76.4



Abundance Ion 96.00 (95.70 to 96.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 98.00 (97.70 to 98.70): VX0

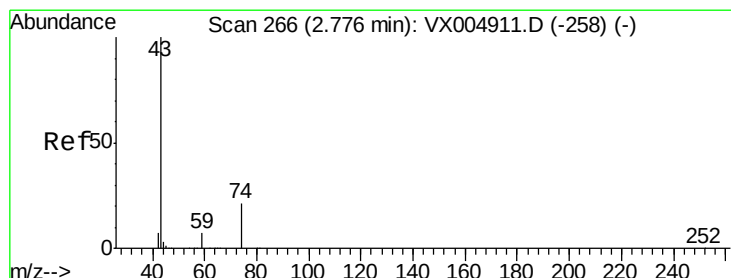
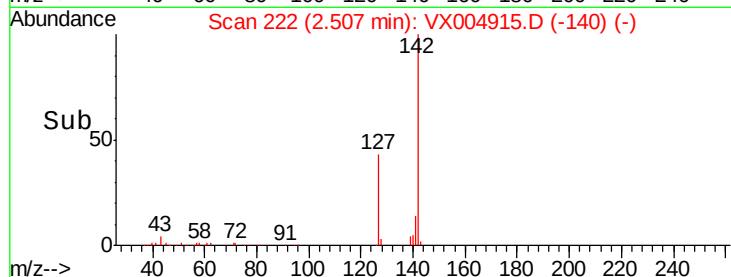
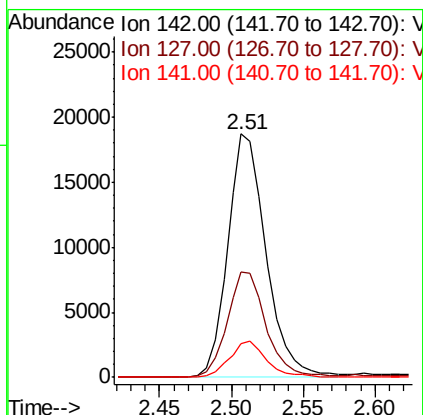
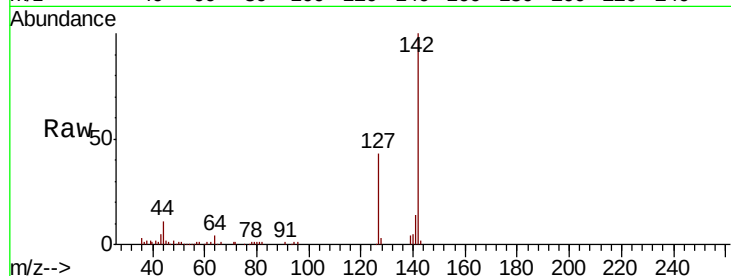




#11
Methvl Iodide
Concen: 22.104 ug/l
RT: 2.51 min Scan# 222
Delta R.T. 0.00 min
Lab File: VX004915.D
Acq: 02 Oct 2018 12:33

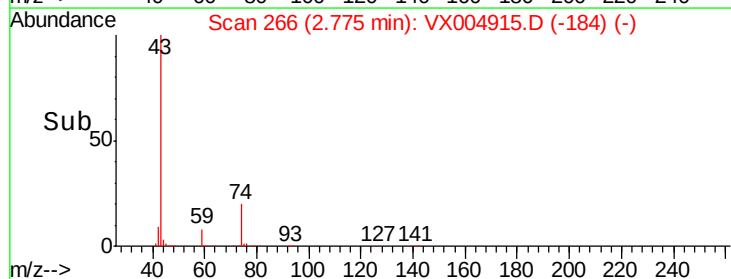
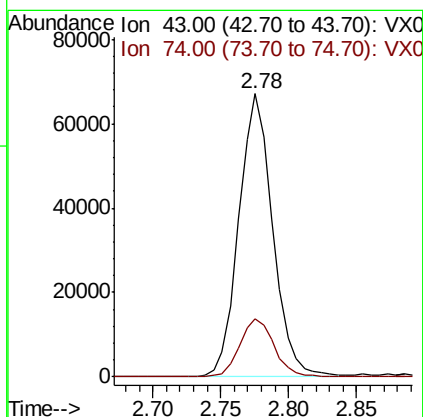
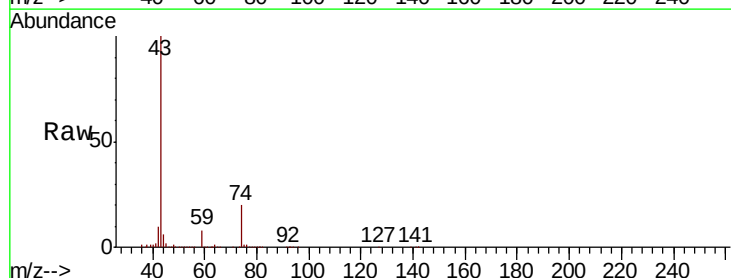
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100218

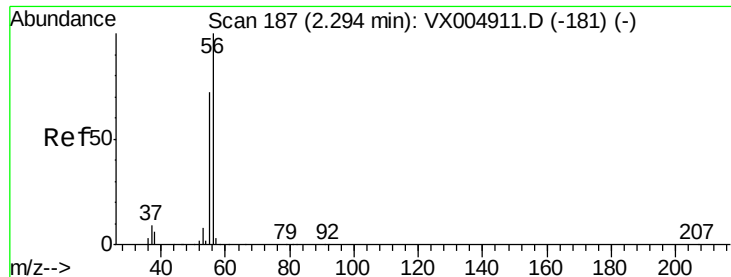
Tot Ion	Ratio	Lower	Upper
142	100		
127	43.1	21.6	64.8
141	14.0	7.5	22.6



#12
Methyl Acetate
Concen: 23.328 ug/l
RT: 2.78 min Scan# 266
Delta R.T. -0.00 min
Lab File: VX004915.D
Acq: 02 Oct 2018 12:33

Tgt Ion	Ratio	Lower	Upper
43	100		
74	20.2	17.0	25.6





#13

Acrolein

Concen: 107.201 ug/l

RT: 2.29 min Scan# 187

Delta R.T. -0.00 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

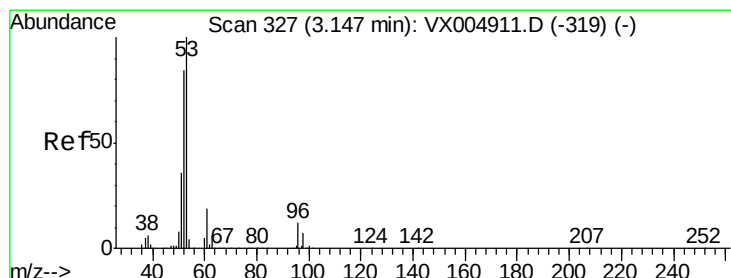
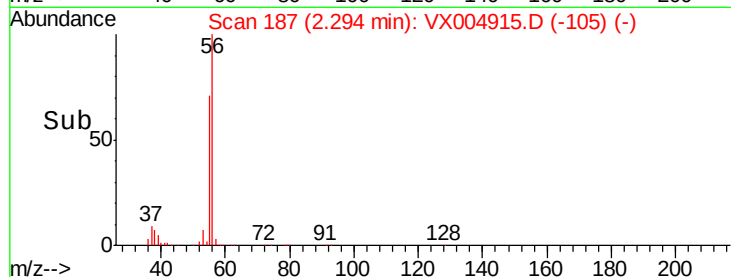
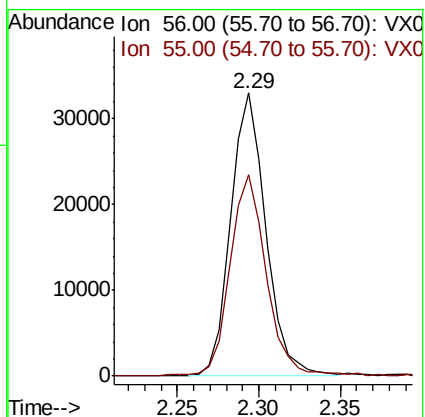
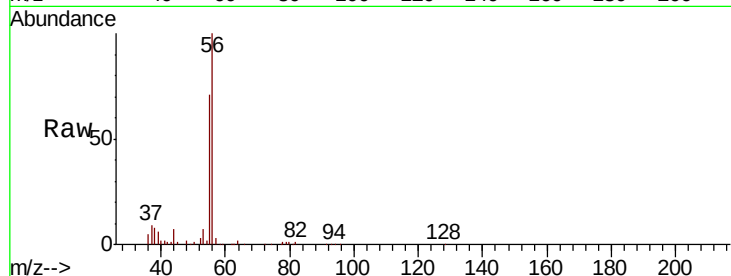
ICVVX100218

Tot Ion: 56 Resp: 49074

Ion Ratio Lower Upper

56 100

55 72.9 57.9 86.9



#14

Acrylonitrile

Concen: 113.276 ug/l

RT: 3.15 min Scan# 327

Delta R.T. -0.00 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

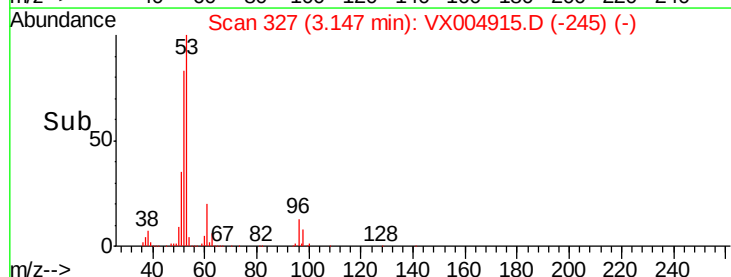
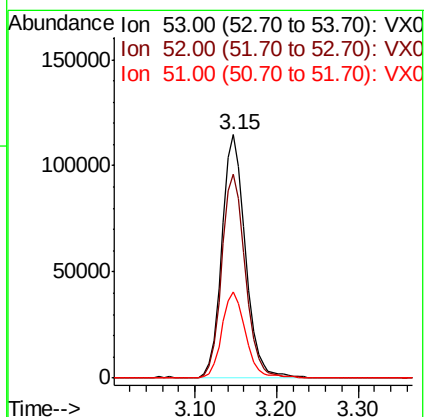
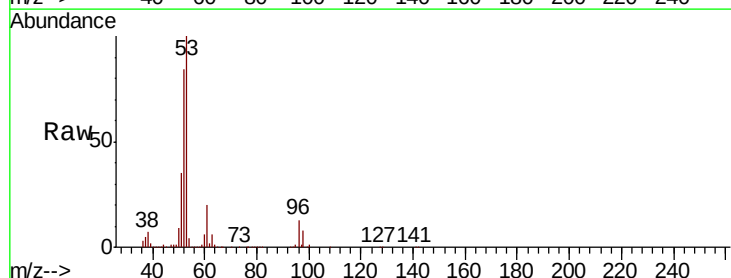
Tgt Ion: 53 Resp: 229353

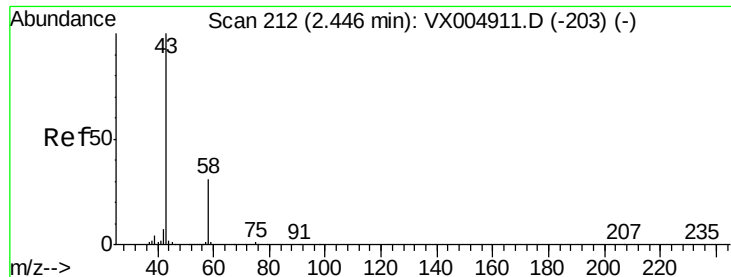
Ion Ratio Lower Upper

53 100

52 83.8 41.5 124.6

51 35.4 18.0 54.0





#15

Acetone

Concen: 108.889 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

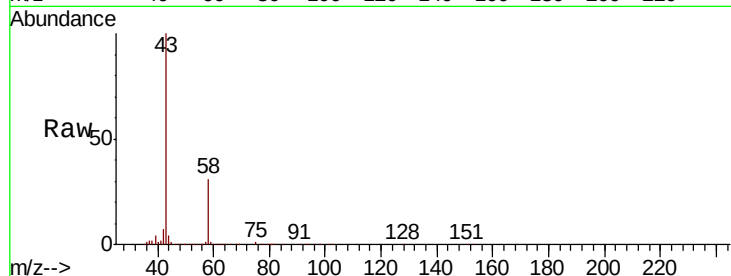
ICVVX100218

Tot Ion: 58 Resp: 73698

Ion Ratio Lower Upper

58 100

43 326.0 258.6 388.0



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

150000

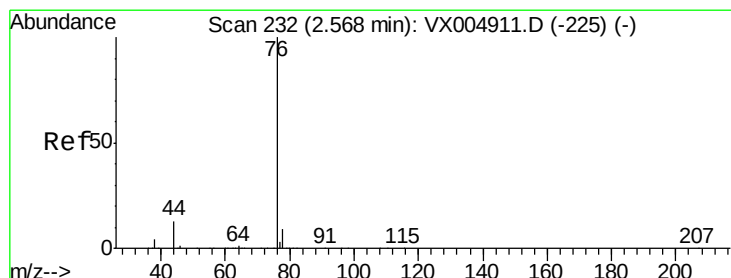
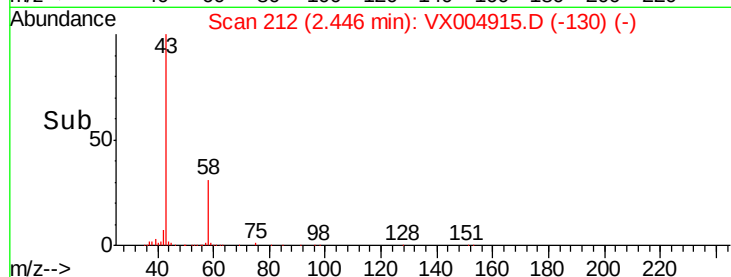
100000

50000

0

2.40 2.45 2.50

Time-->



#16

Carbon Disulfide

Concen: 23.551 ug/l

RT: 2.57 min Scan# 232

Delta R.T. -0.00 min

Lab File: VX004915.D

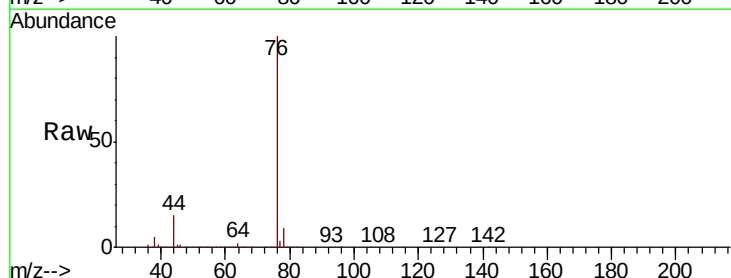
Acq: 02 Oct 2018 12:33

Tgt Ion: 76 Resp: 169722

Ion Ratio Lower Upper

76 100

78 8.9 7.1 10.7



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0

120000

100000

80000

60000

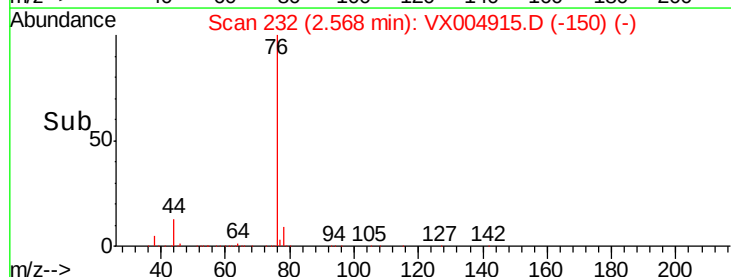
40000

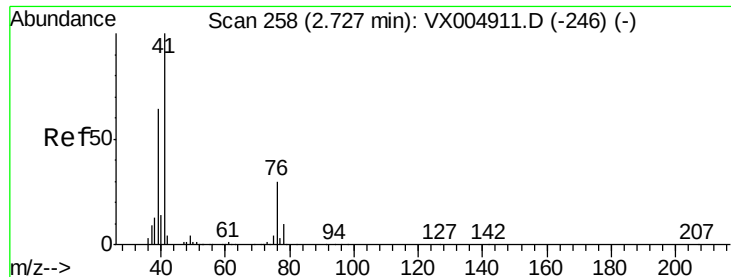
20000

0

2.50 2.57 2.70

Time-->

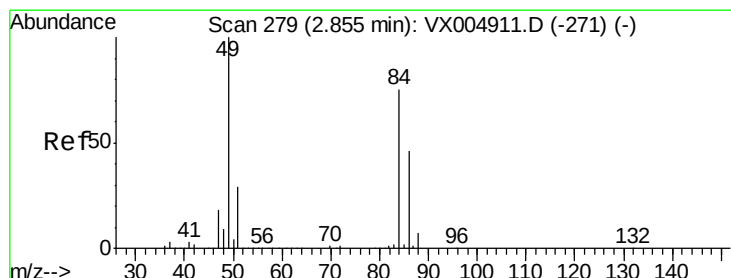
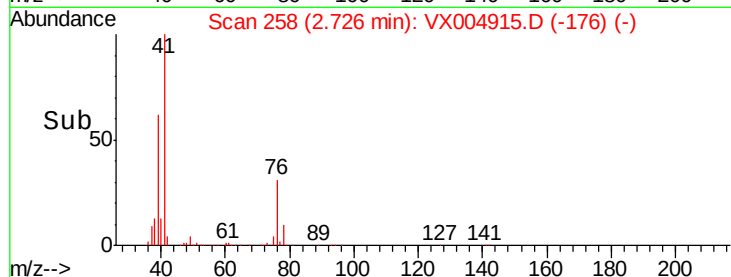
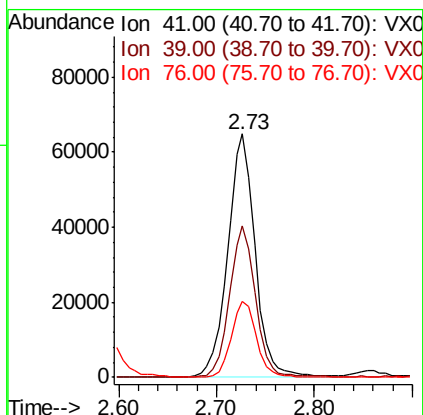
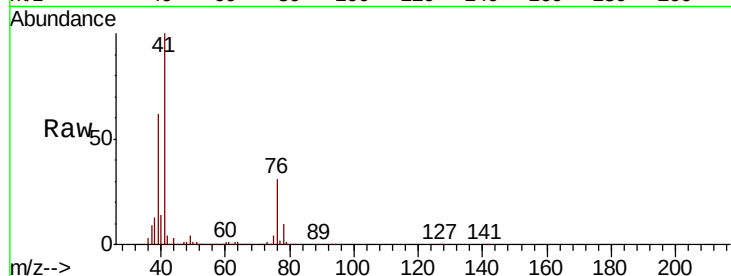




#17
Allvl chloride
Concen: 22.808 ug/l
RT: 2.73 min Scan# 258
Delta R.T. -0.00 min
Lab File: VX004915.D
Acq: 02 Oct 2018 12:33

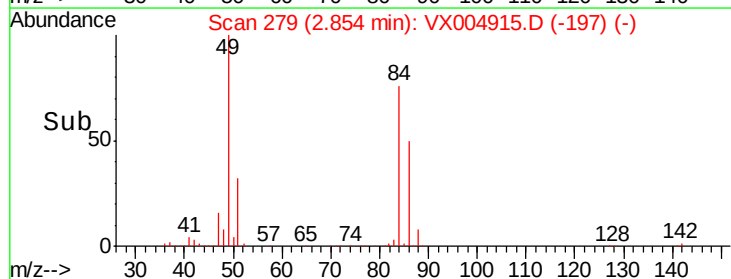
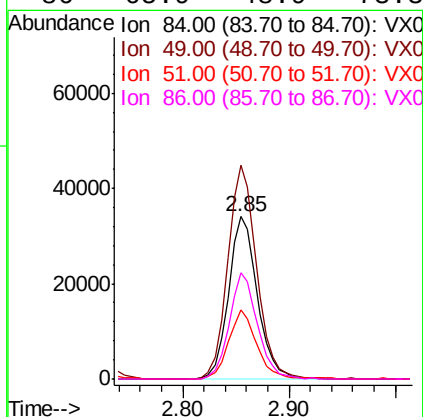
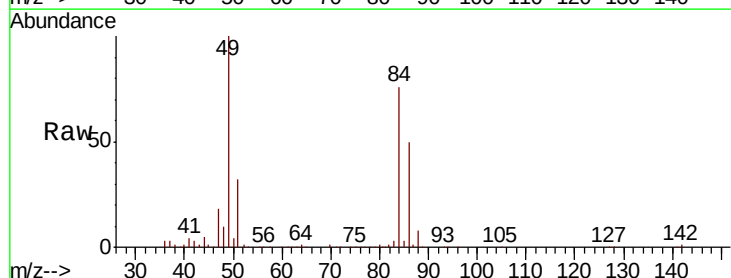
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100218

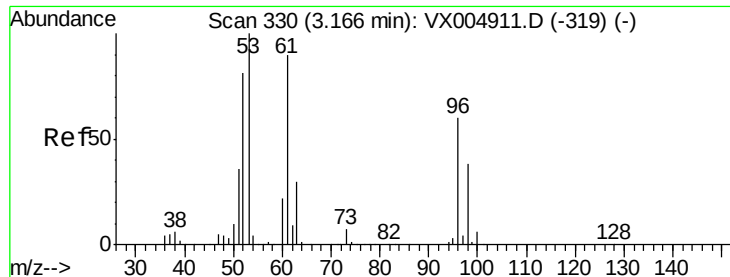
Tot Ion: 41 Resp: 124621
Ion Ratio Lower Upper
41 100
39 62.3 31.8 95.4
76 31.2 15.3 45.8



#18
Methylene Chloride
Concen: 22.627 ug/l
RT: 2.85 min Scan# 279
Delta R.T. -0.00 min
Lab File: VX004915.D
Acq: 02 Oct 2018 12:33

Tgt Ion: 84 Resp: 64656
Ion Ratio Lower Upper
84 100
49 131.6 106.2 159.4
51 42.1 31.3 46.9
86 65.9 48.9 73.3





#19

trans-1,2-Dichloroethene

Concen: 22.957 ug/l

RT: 3.16 min Scan# 329

Delta R.T. -0.01 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100218

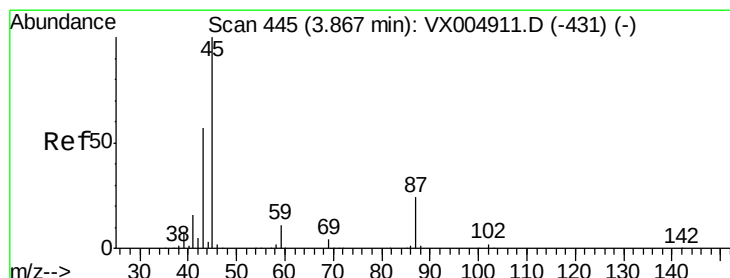
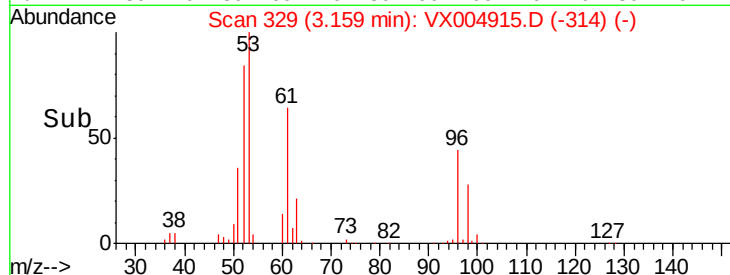
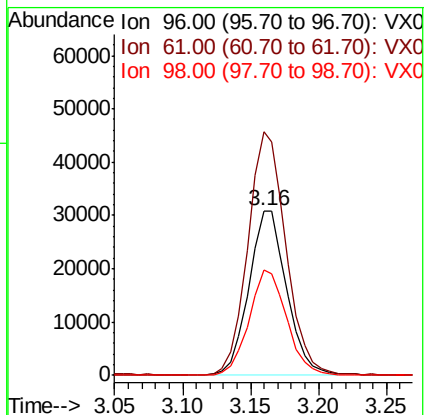
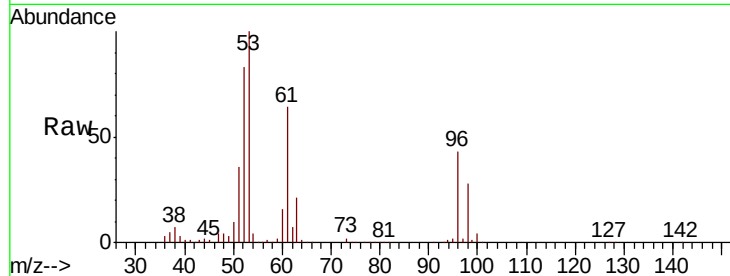
Tot Ion: 96 Resp: 60264

Ion Ratio Lower Upper

96 100

61 147.4 119.5 179.3

98 63.7 50.6 75.8



#20

Diisopropyl ether

Concen: 23.890 ug/l

RT: 3.87 min Scan# 445

Delta R.T. -0.00 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

Tgt Ion: 45 Resp: 222551

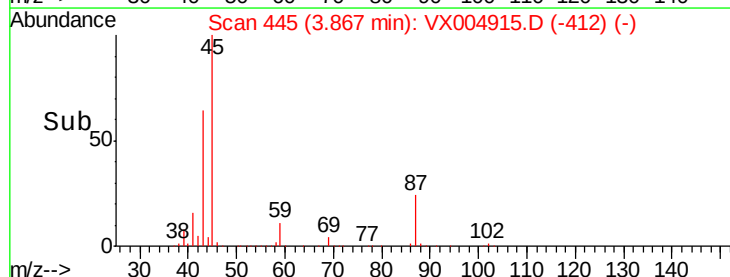
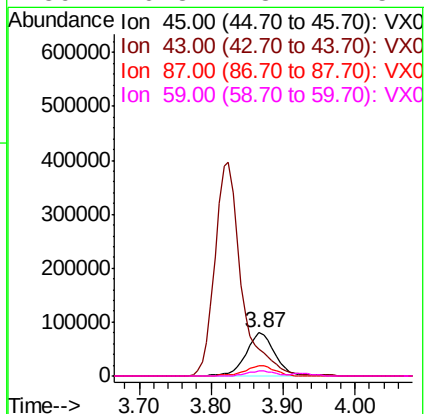
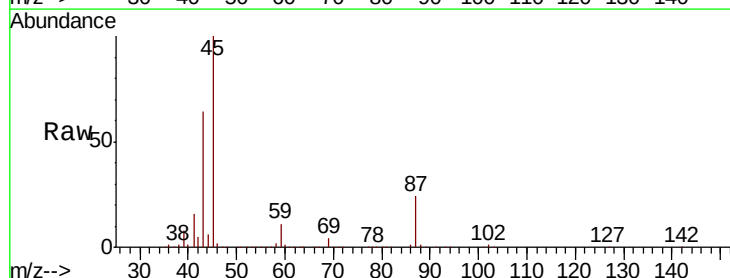
Ion Ratio Lower Upper

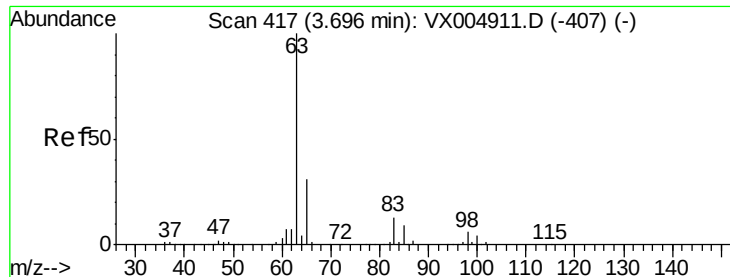
45 100

43 63.5 49.8 74.8

87 24.0 19.1 28.7

59 10.8 8.7 13.1





#21

1,1-Dichloroethane

Concen: 23.156 ug/l

RT: 3.70 min Scan# 417

Delta R.T. -0.00 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100218

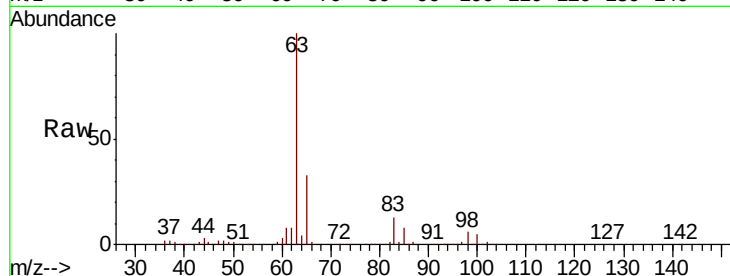
Tot Ion: 63 Resp: 118855

Ion Ratio Lower Upper

63 100

98 6.2 3.2 9.6

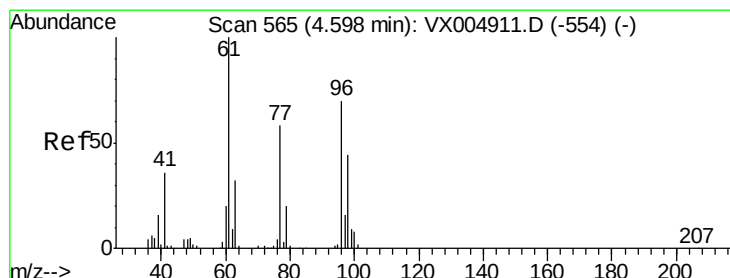
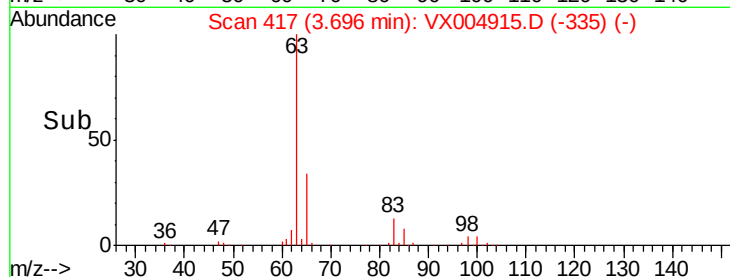
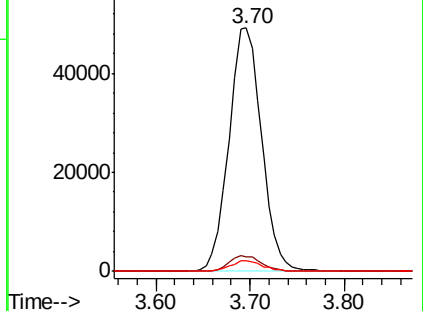
100 4.6 2.1 6.5



Abundance Ion 63.00 (62.70 to 63.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0



#22

cis-1,2-Dichloroethene

Concen: 22.536 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

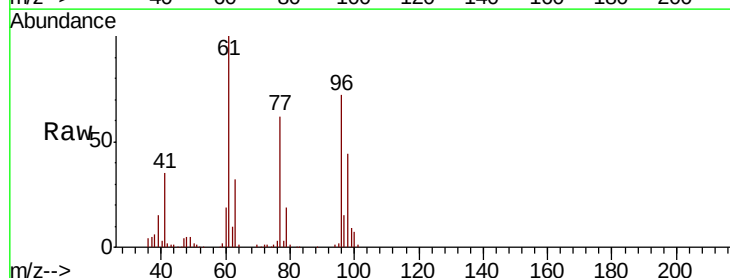
Tgt Ion: 96 Resp: 65439

Ion Ratio Lower Upper

96 100

61 152.5 123.3 184.9

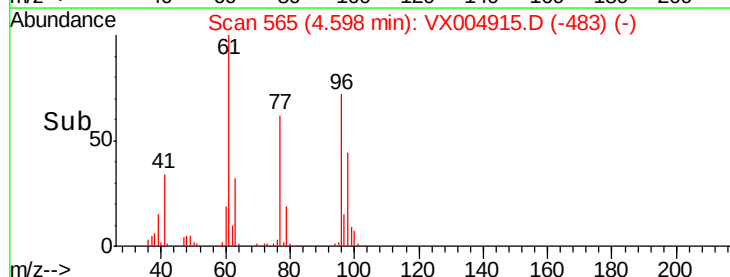
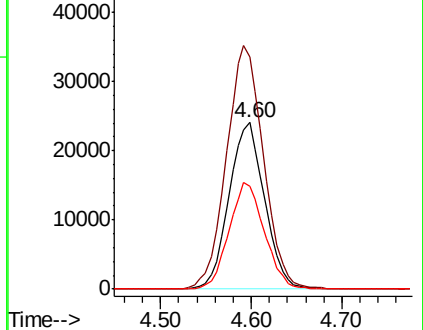
98 63.9 51.4 77.0

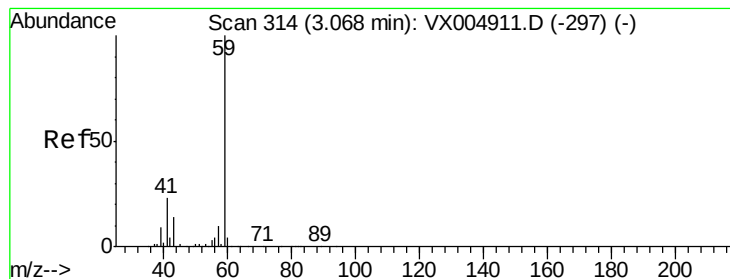


Abundance Ion 96.00 (95.70 to 96.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#23

tert-Butyl Alcohol

Concen: 119.557 ug/l

RT: 3.06 min Scan# 313

Delta R.T. -0.01 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

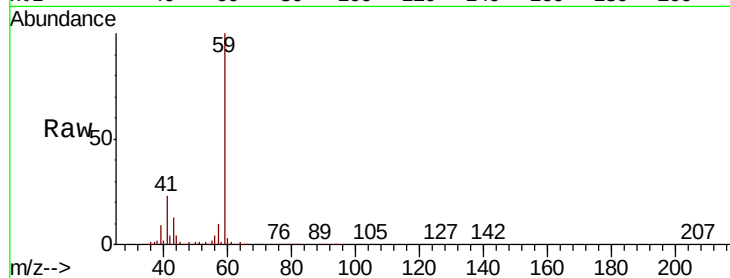
ICVVX100218

Tot Ion: 59 Resp: 111732

Ion Ratio Lower Upper

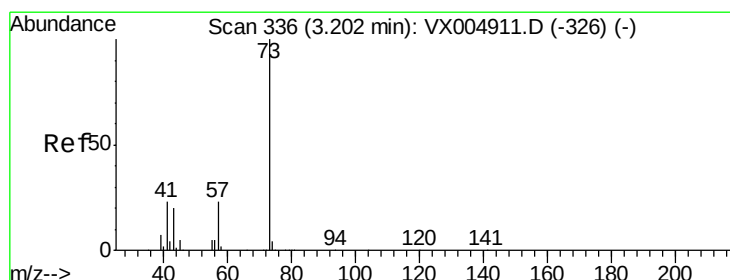
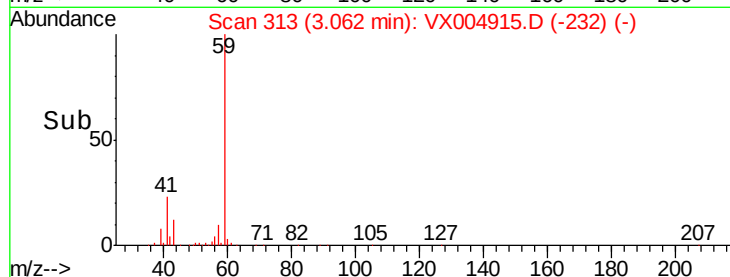
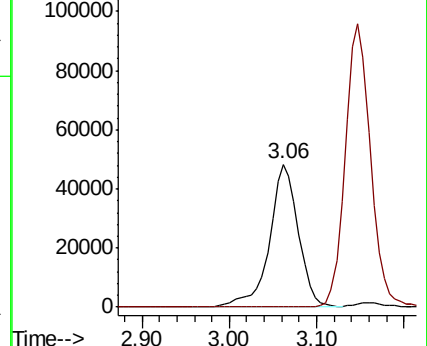
59 100

52 0.2 0.1 0.1#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 52.00 (51.70 to 52.70): VX0



#24

Methyl tert-Butyl Ether

Concen: 22.646 ug/l

RT: 3.20 min Scan# 336

Delta R.T. -0.00 min

Lab File: VX004915.D

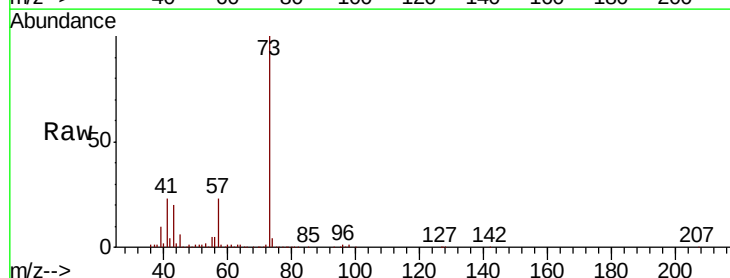
Acq: 02 Oct 2018 12:33

Tgt Ion: 73 Resp: 204487

Ion Ratio Lower Upper

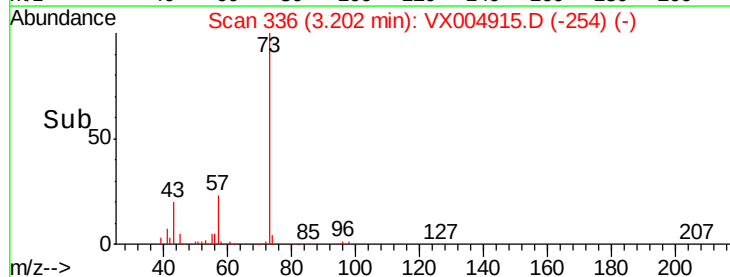
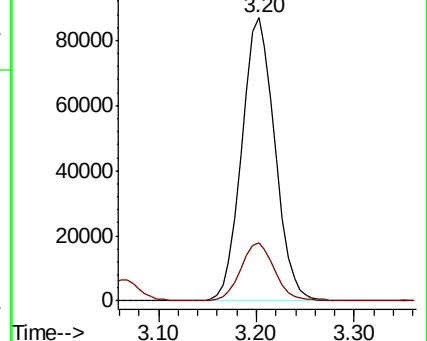
73 100

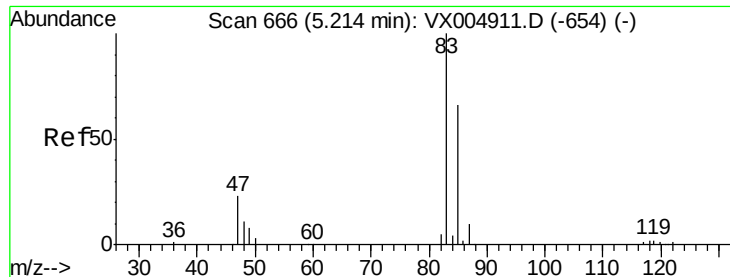
43 20.4 16.3 24.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

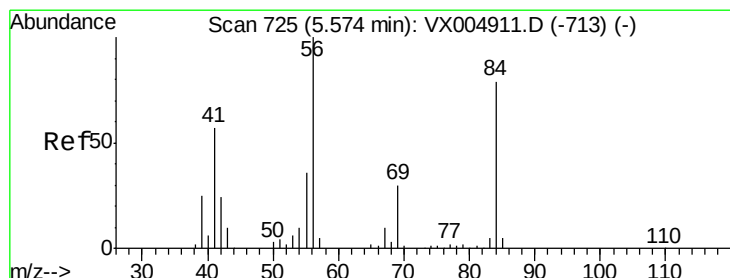
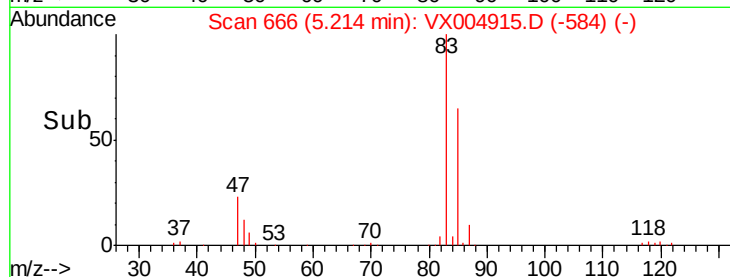
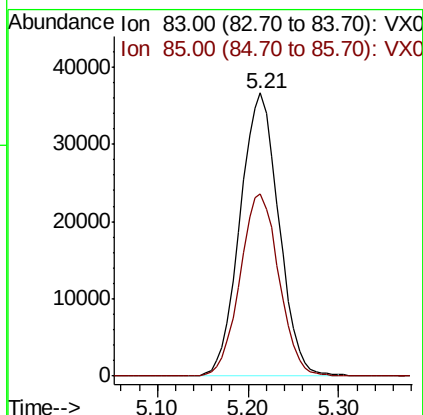
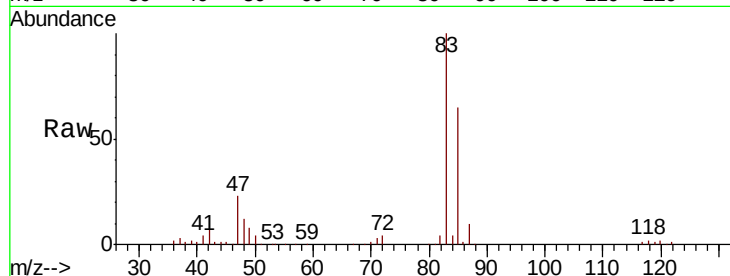




#25
Chloroform
Concen: 22.449 ug/l
RT: 5.21 min Scan# 666
Delta R.T. -0.00 min
Lab File: VX004915.D
Acq: 02 Oct 2018 12:33

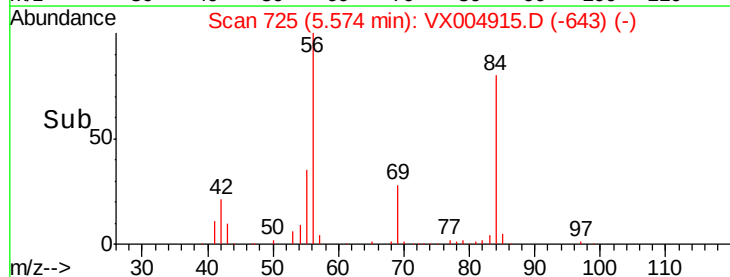
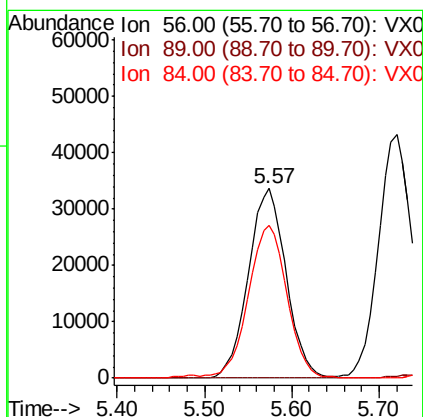
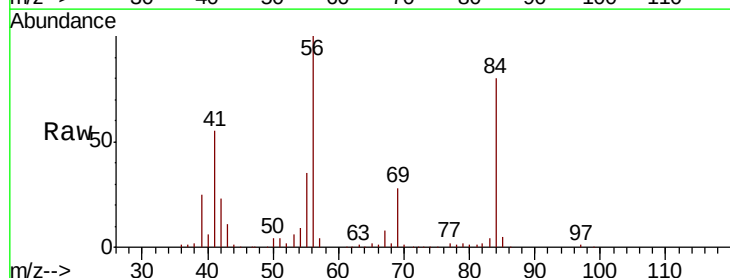
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100218

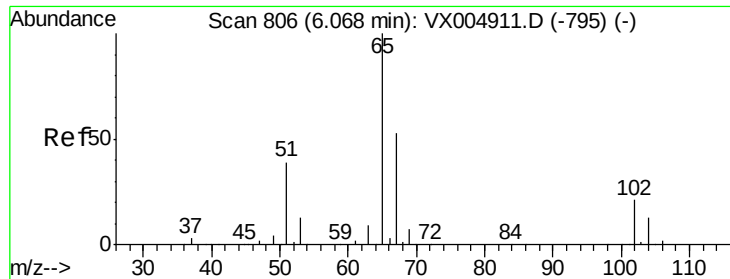
Tot Ion: 83 Resp: 108445
Ion Ratio Lower Upper
83 100
85 64.6 53.1 79.7



#26
Cyclohexane
Concen: 23.002 ug/l
RT: 5.57 min Scan# 725
Delta R.T. -0.00 min
Lab File: VX004915.D
Acq: 02 Oct 2018 12:33

Tgt Ion: 56 Resp: 101321
Ion Ratio Lower Upper
56 100
89 0.0 0.0 0.0
84 82.5 65.8 98.6

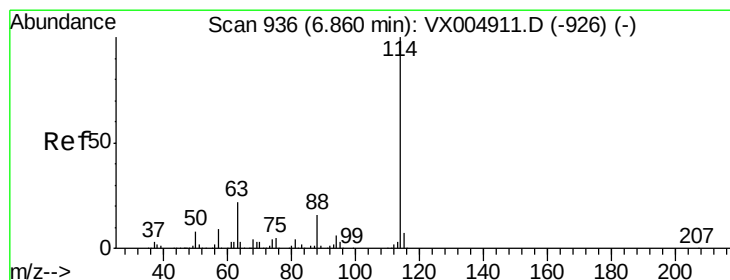
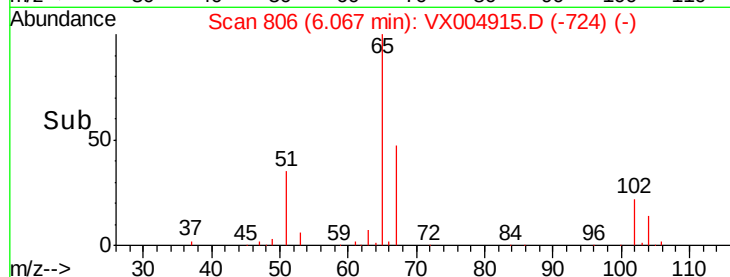
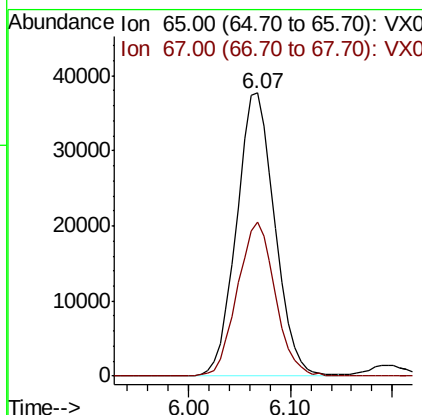
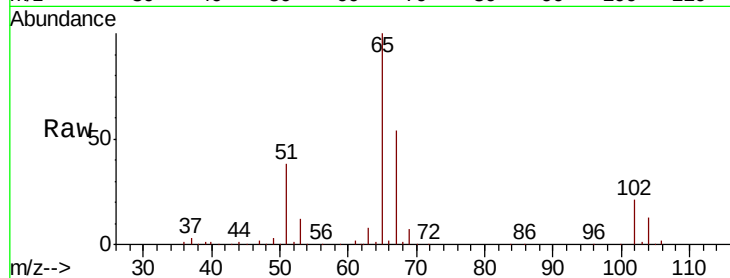




#27
 1,2-Dichloroethane-d4
 Concen: 30.040 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

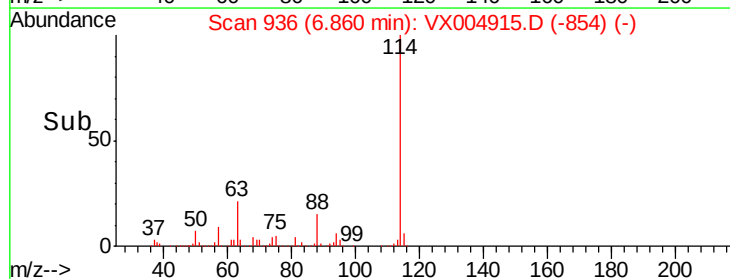
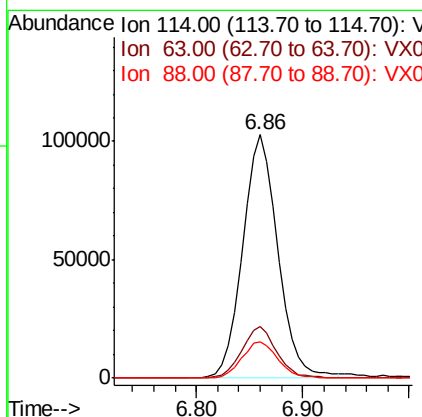
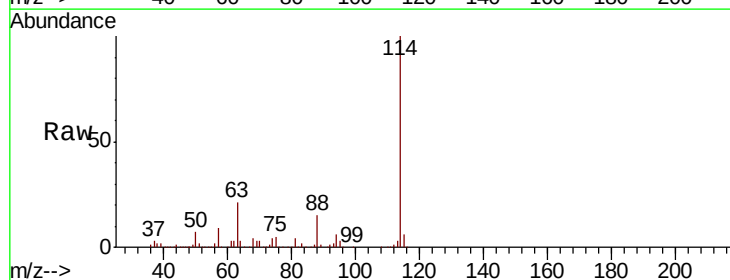
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100218

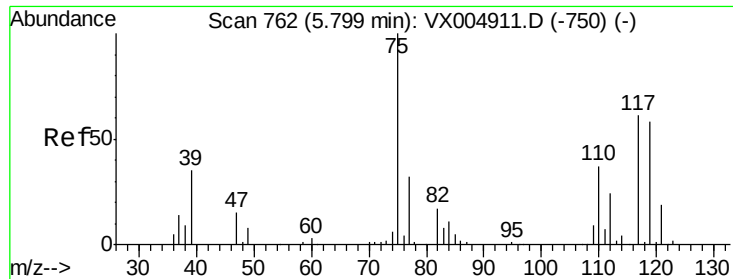
Tot Ion: 65 Resp: 98020
 Ion Ratio Lower Upper
 65 100
 67 53.9 43.0 64.6



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. -0.00 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

Tgt Ion: 114 Resp: 238887
 Ion Ratio Lower Upper
 114 100
 63 20.9 16.6 24.8
 88 15.6 12.4 18.6

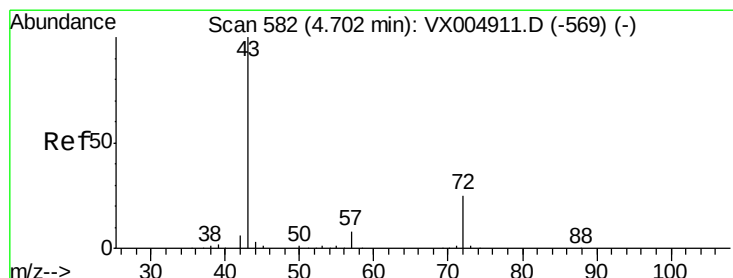
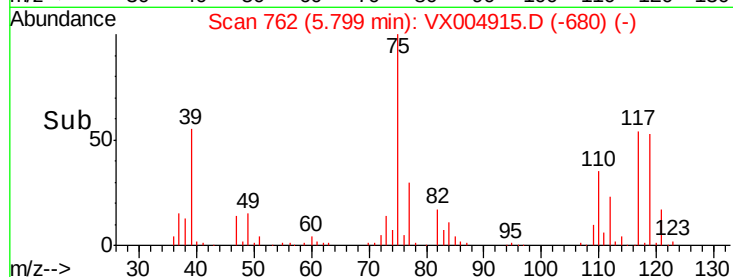
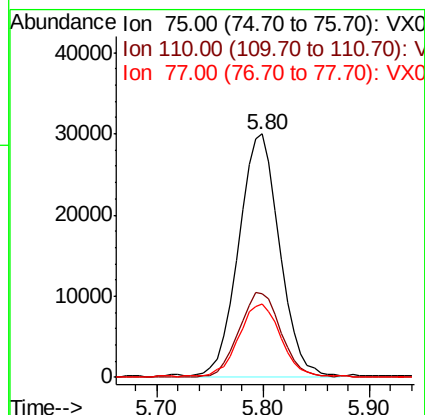
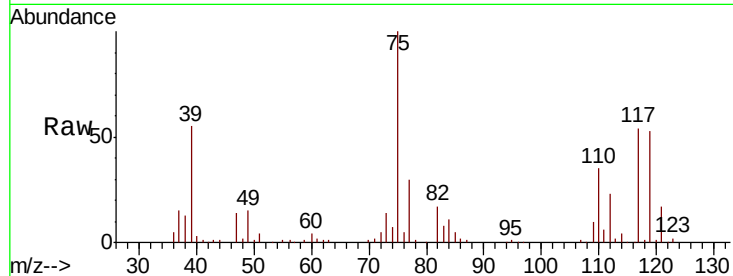




#29
 1,1-Dichloropropene
 Concen: 23.032 ug/l
 RT: 5.80 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

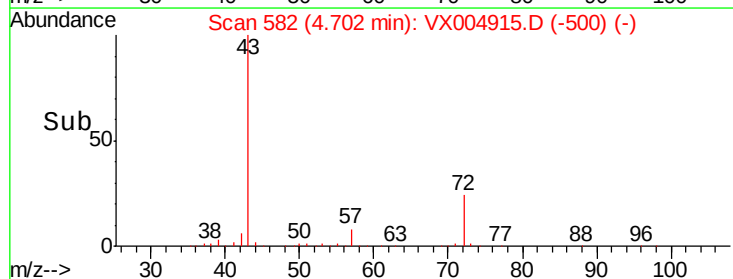
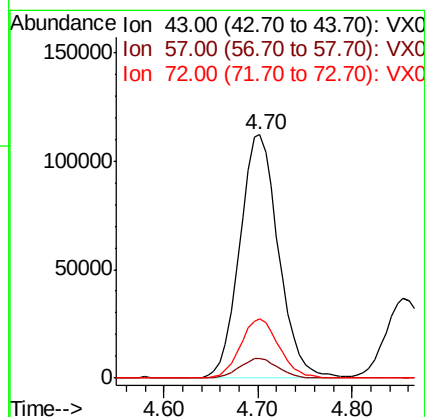
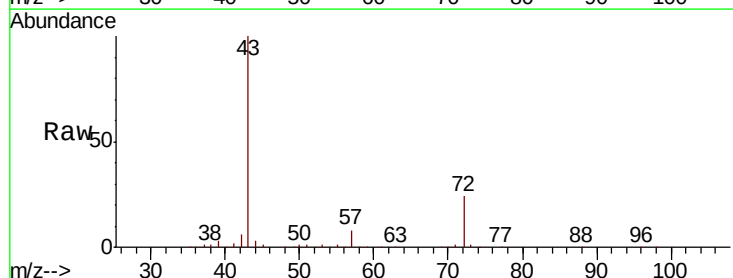
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100218

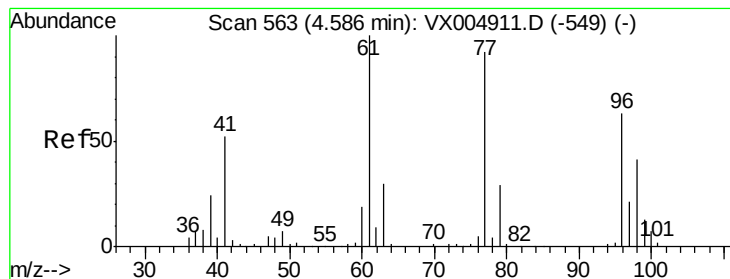
Tot Ion	Ratio	Lower	Upper
75	100		
110	35.6	0.0	70.8
77	31.0	0.0	63.0



#30
 2-Butanone
 Concen: 112.007 ug/l
 RT: 4.70 min Scan# 582
 Delta R.T. -0.00 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

Tgt Ion	Ratio	Lower	Upper
43	100		
57	8.0	6.2	9.4
72	24.4	19.7	29.5





#31

2,2-Dichloropropane

Concen: 23.151 ug/l

RT: 4.58 min Scan# 562

Delta R.T. -0.01 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

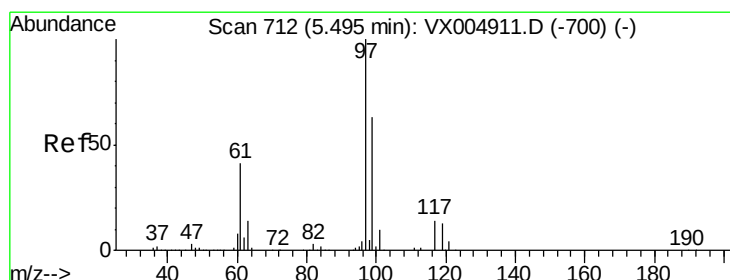
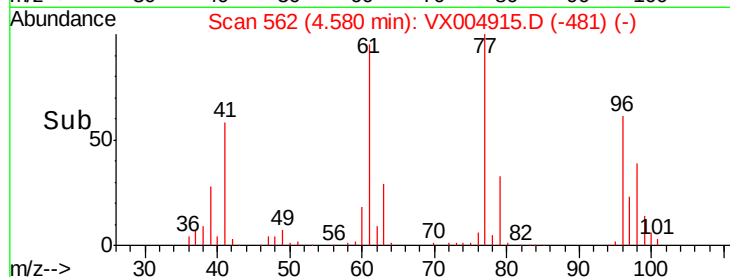
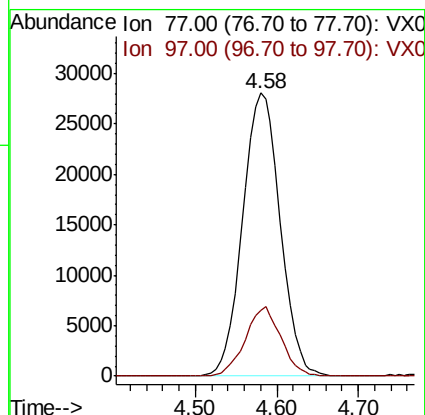
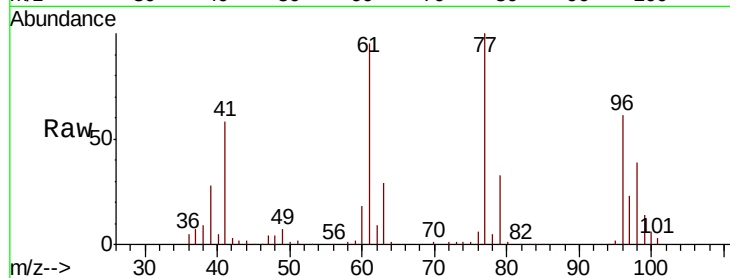
ICVVX100218

Tot Ion: 77 Resp: 89791

Ion Ratio Lower Upper

77 100

97 23.4 18.5 27.7



#32

1,1,1-Trichloroethane

Concen: 22.361 ug/l

RT: 5.49 min Scan# 712

Delta R.T. -0.00 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

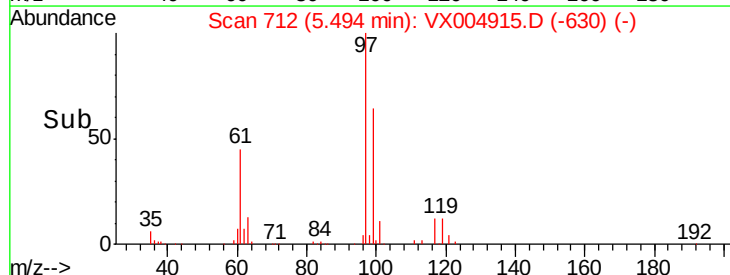
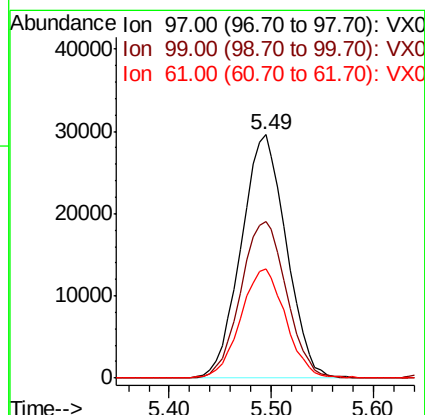
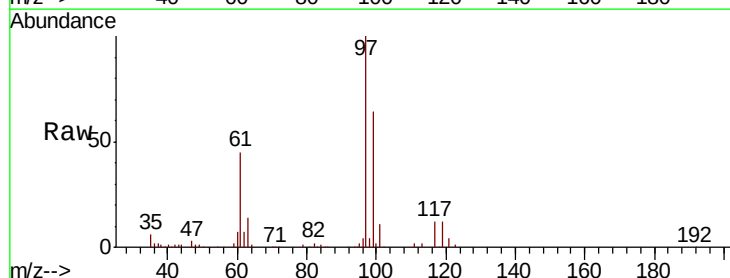
Tgt Ion: 97 Resp: 90866

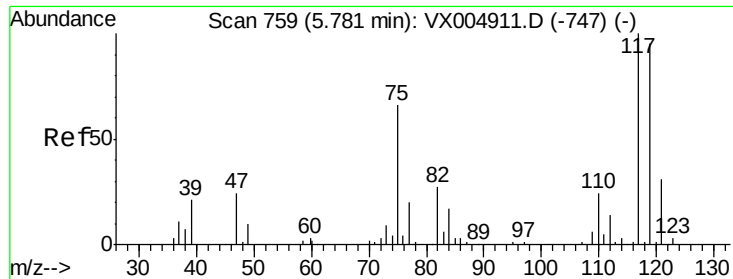
Ion Ratio Lower Upper

97 100

99 65.2 51.0 76.6

61 44.8 35.8 53.6

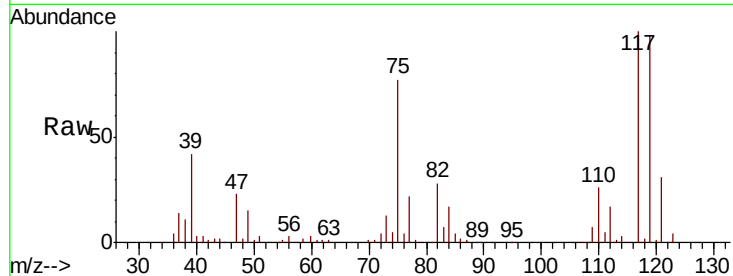




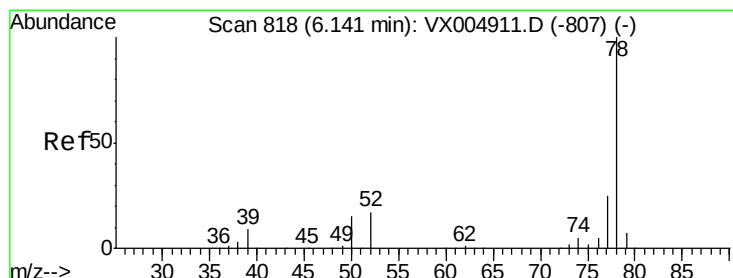
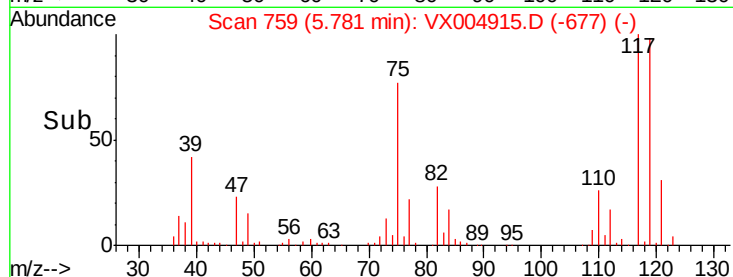
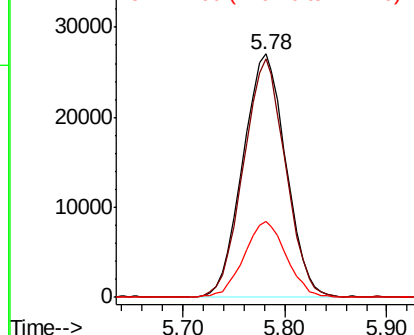
#33
Carbon Tetrachloride
Concen: 22.285 ug/l
RT: 5.78 min Scan# 759
Delta R.T. -0.00 min
Lab File: VX004915.D
Acq: 02 Oct 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100218

Tot Ion:117 Resp: 79532
Ion Ratio Lower Upper
117 100
119 98.0 76.2 114.4
121 31.2 25.2 37.8

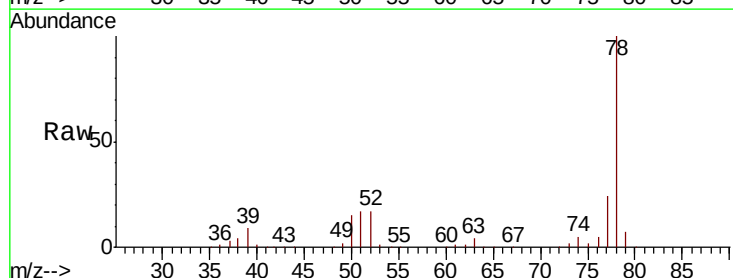


Abundance Ion 117.00 (116.70 to 117.70): V
Ion 119.00 (118.70 to 119.70): V
Ion 121.00 (120.70 to 121.70): V

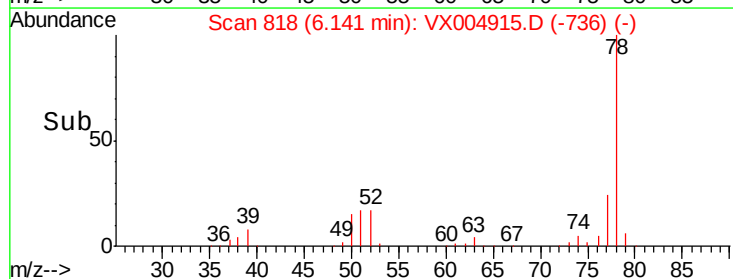
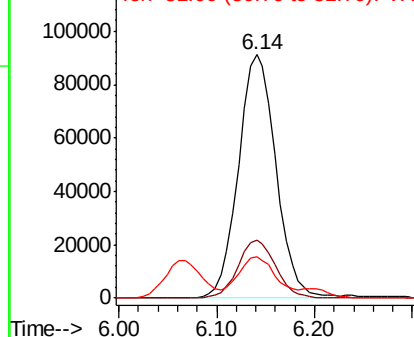


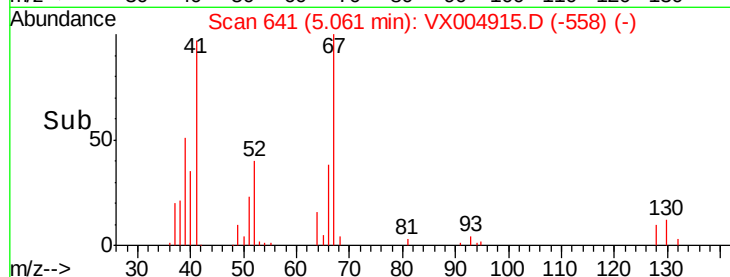
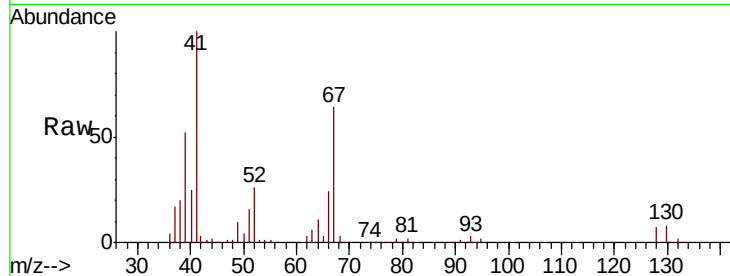
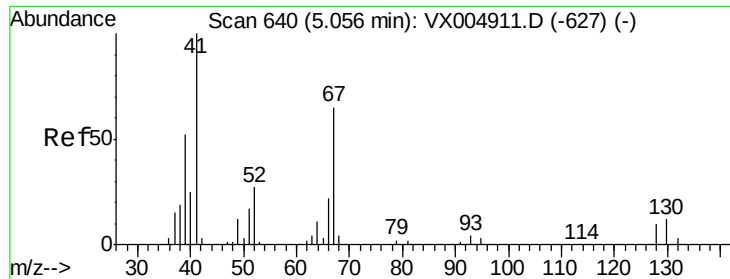
#34
Benzene
Concen: 22.653 ug/l
RT: 6.14 min Scan# 818
Delta R.T. -0.00 min
Lab File: VX004915.D
Acq: 02 Oct 2018 12:33

Tgt Ion: 78 Resp: 243005
Ion Ratio Lower Upper
78 100
77 24.0 19.8 29.8
51 16.3 13.8 20.6



Abundance Ion 78.10 (77.80 to 78.80): VX0
Ion 77.00 (76.70 to 77.70): VX0
Ion 51.00 (50.70 to 51.70): VX0

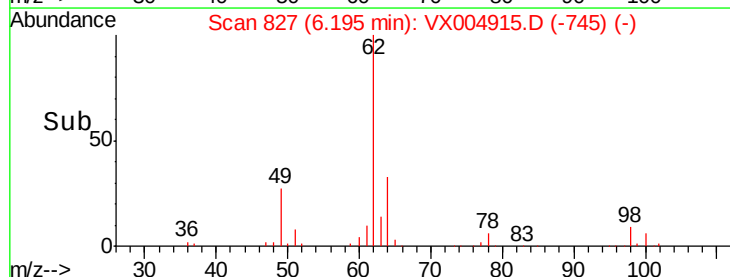
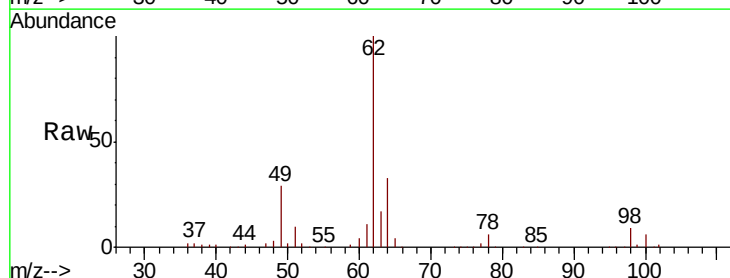
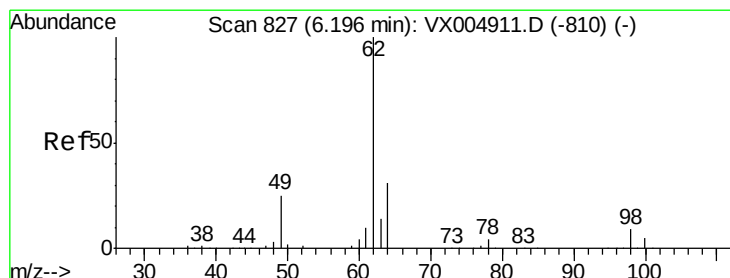
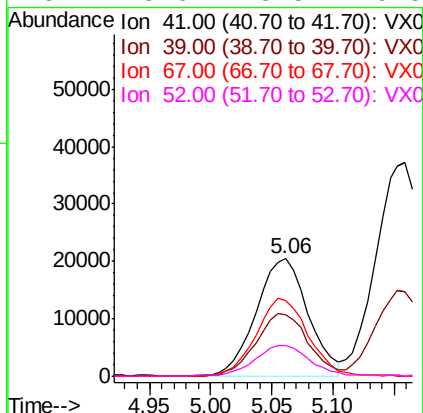




#35
Methacrylonitrile
Concen: 22.547 ug/l
RT: 5.06 min Scan# 641
Delta R.T. 0.01 min
Lab File: VX004915.D
Acq: 02 Oct 2018 12:33

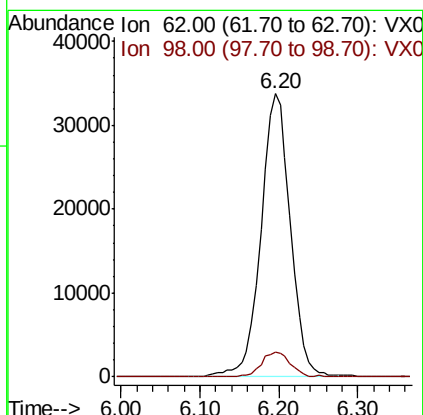
Instrument :
MSVOA_X
ClientSampled :
ICVVX100218

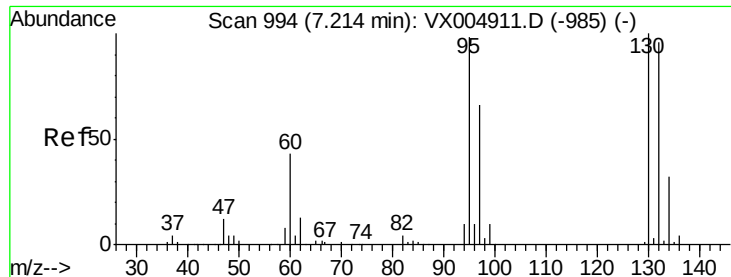
Tot Ion:	41	Resp:	60220
Ion	Ratio	Lower	Upper
41	100		
39	52.1	26.1	78.3
67	64.7	32.3	96.9
52	25.6	13.5	40.5



#36
1,2-Dichloroethane
Concen: 22.622 ug/l
RT: 6.20 min Scan# 827
Delta R.T. -0.00 min
Lab File: VX004915.D
Acq: 02 Oct 2018 12:33

Tgt Ion:	62	Resp:	87421
Ion	Ratio	Lower	Upper
62	100		
98	8.8	7.5	11.3





#37

Trichloroethene

Concen: 23.099 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

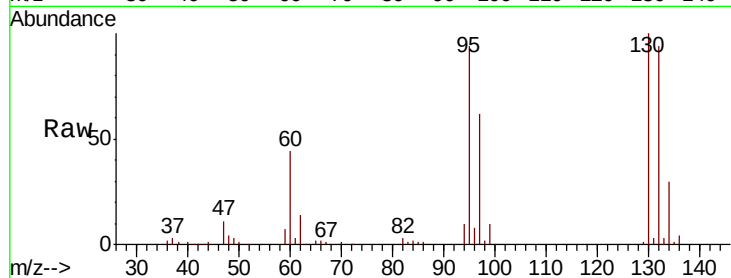
ICVVX100218

Tot Ion:130 Resp: 65271

Ion Ratio Lower Upper

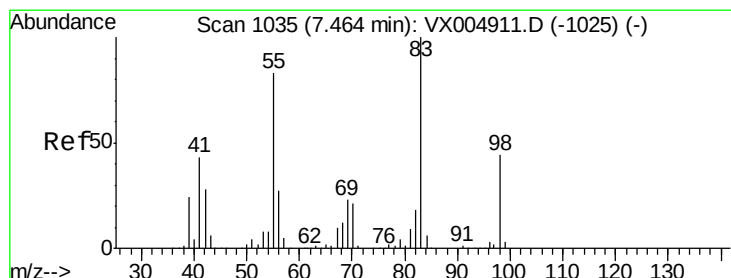
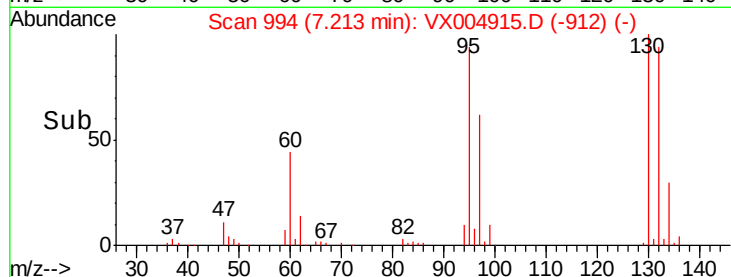
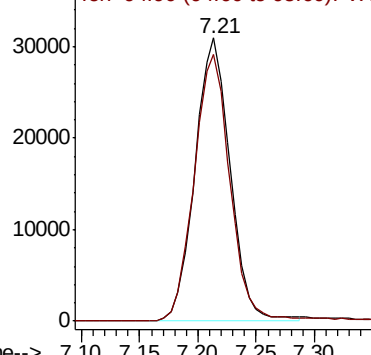
130 100

95 94.0 78.5 117.7



Abundance Ion 129.90 (129.60 to 130.60): V

Ion 94.90 (94.60 to 95.60): VX0



#38

Methylcyclohexane

Concen: 23.310 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. -0.00 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

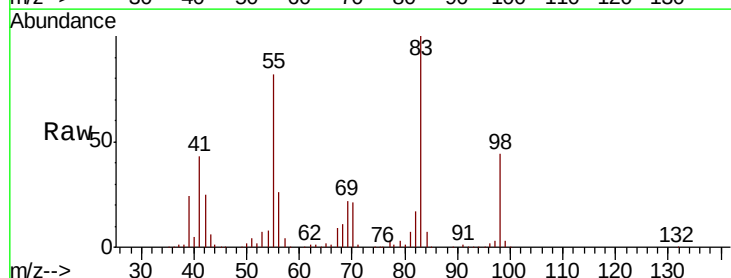
Tgt Ion: 83 Resp: 97828

Ion Ratio Lower Upper

83 100

55 81.8 41.8 125.3

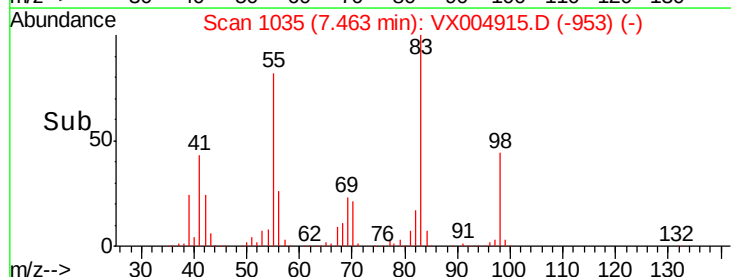
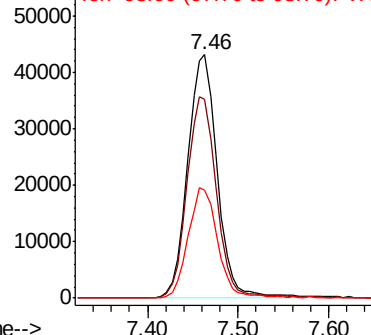
98 45.3 22.4 67.3

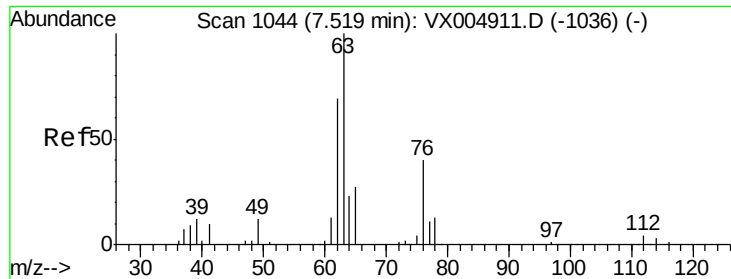


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

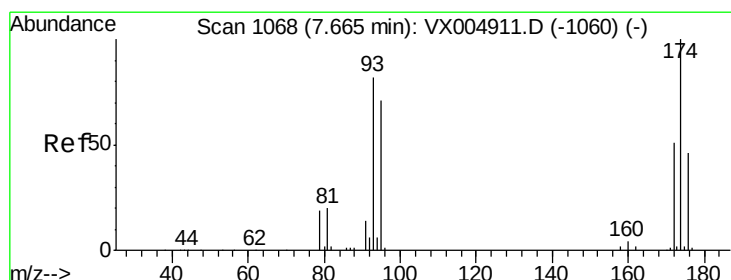
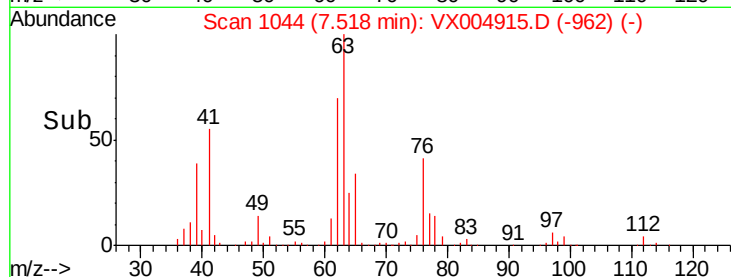
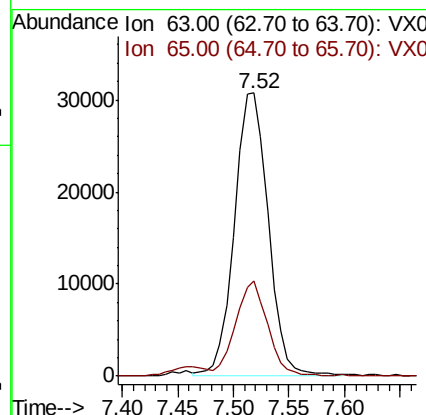
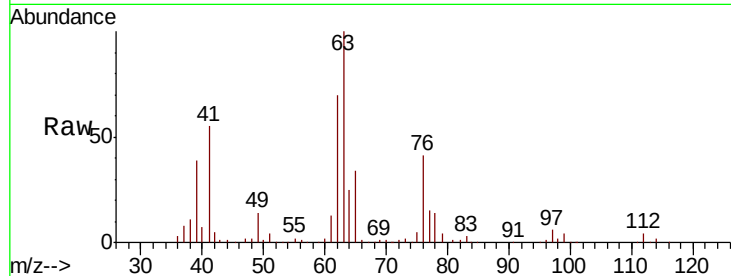




#39
 1,2-Dichloropropane
 Concen: 22.745 ug/l
 RT: 7.52 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

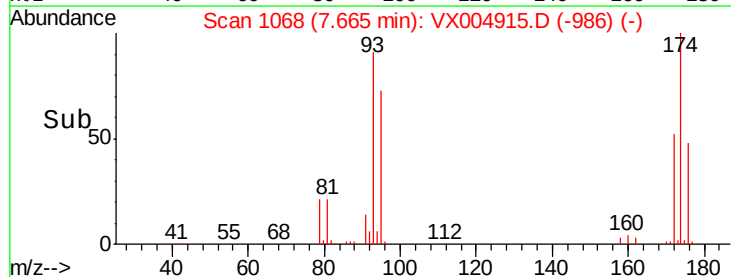
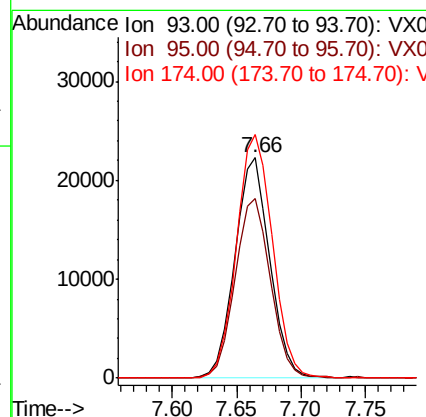
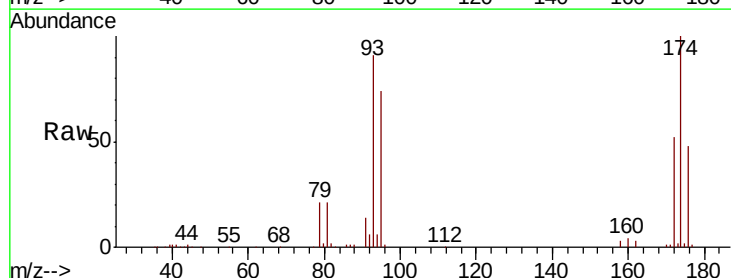
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100218

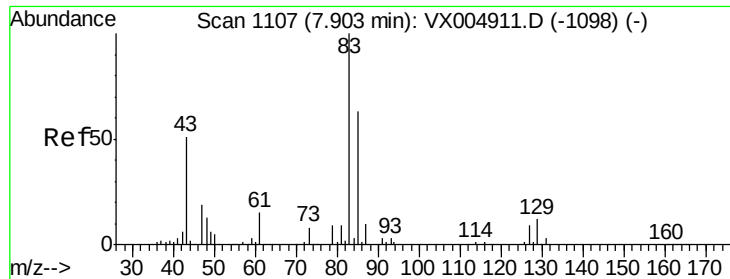
Tot Ion: 63 Resp: 65009
 Ion Ratio Lower Upper
 63 100
 65 33.6 23.2 34.8



#40
 Dibromomethane
 Concen: 22.688 ug/l
 RT: 7.66 min Scan# 1068
 Delta R.T. -0.00 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

Tgt Ion: 93 Resp: 42030
 Ion Ratio Lower Upper
 93 100
 95 82.6 0.0 172.4
 174 113.4 0.0 234.0





#41

Bromodichloromethane

Concen: 22.076 ug/l

RT: 7.90 min Scan# 1106

Delta R.T. -0.01 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100218

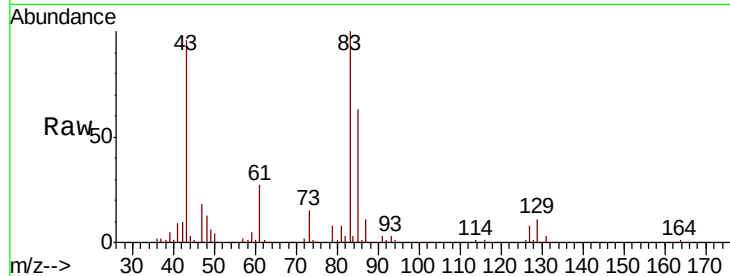
Tot Ion: 83 Resp: 78839

Ion Ratio Lower Upper

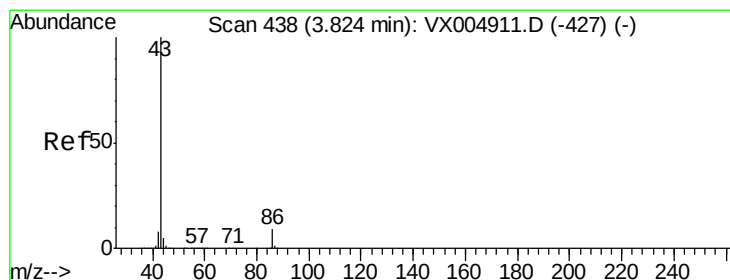
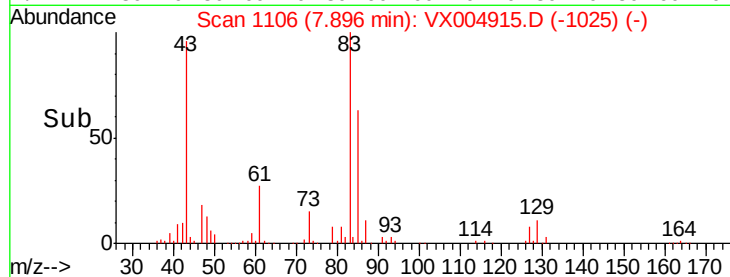
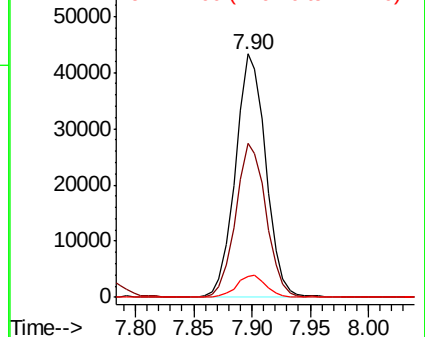
83 100

85 63.4 50.2 75.4

127 8.4 6.9 10.3



Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 85.00 (84.70 to 85.70): VX0
Ion 127.00 (126.70 to 127.70): V



#42

Vinyl Acetate

Concen: 122.657 ug/l

RT: 3.82 min Scan# 438

Delta R.T. -0.00 min

Lab File: VX004915.D

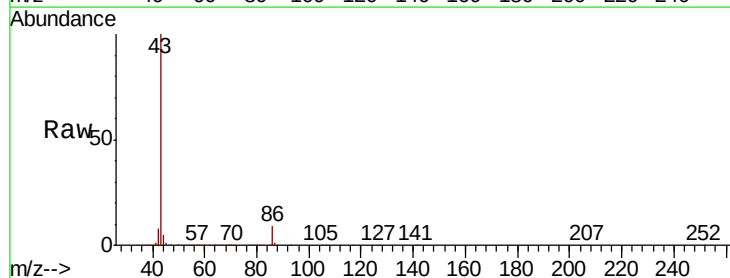
Acq: 02 Oct 2018 12:33

Tgt Ion: 43 Resp: 1019888

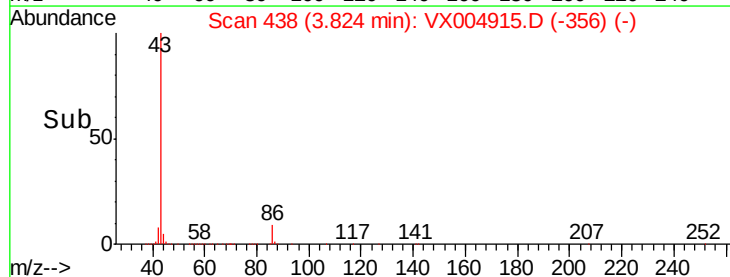
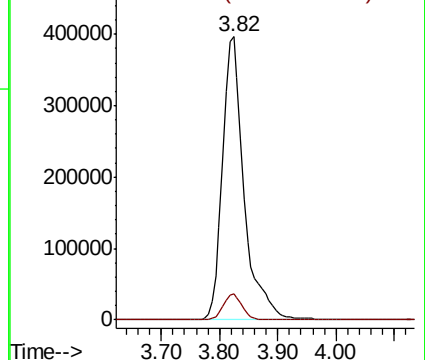
Ion Ratio Lower Upper

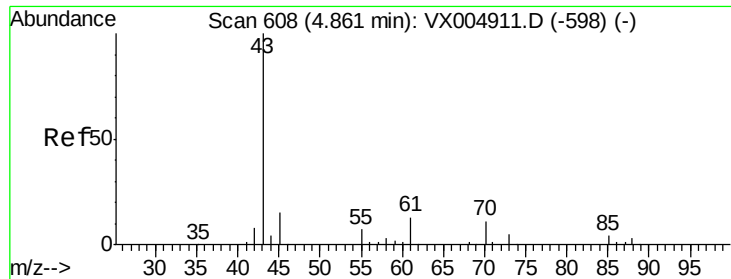
43 100

86 8.2 6.6 10.0



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 86.00 (85.70 to 86.70): VX0





#43

Ethyl Acetate

Concen: 23.061 ug/l

RT: 4.85 min Scan# 607

Delta R.T. -0.01 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

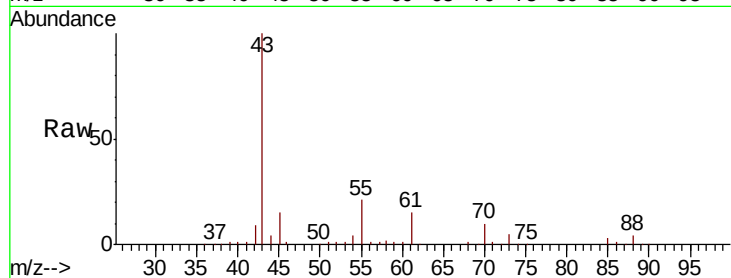
ICVVX100218

Tot Ion: 43 Resp: 109332

Ion Ratio Lower Upper

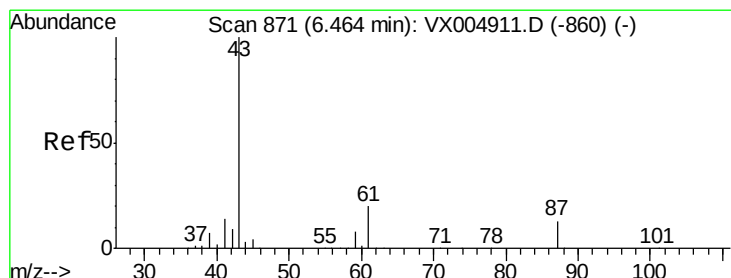
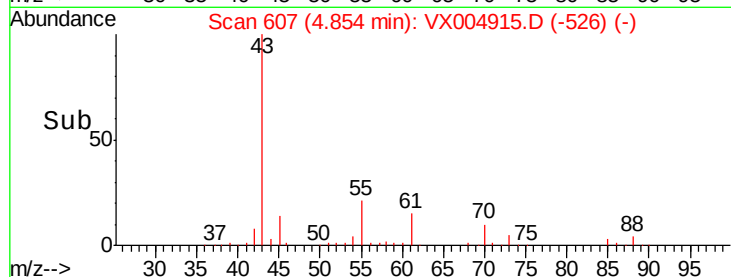
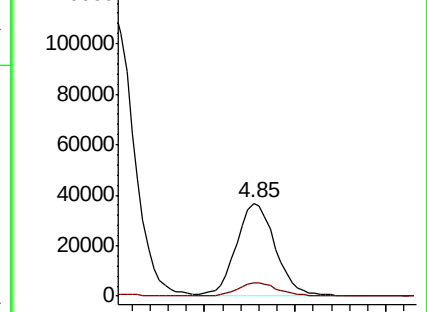
43 100

45 14.0 12.3 18.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 45.00 (44.70 to 45.70): VX0



#44

Isopropyl Acetate

Concen: 22.036 ug/l

RT: 6.46 min Scan# 871

Delta R.T. -0.00 min

Lab File: VX004915.D

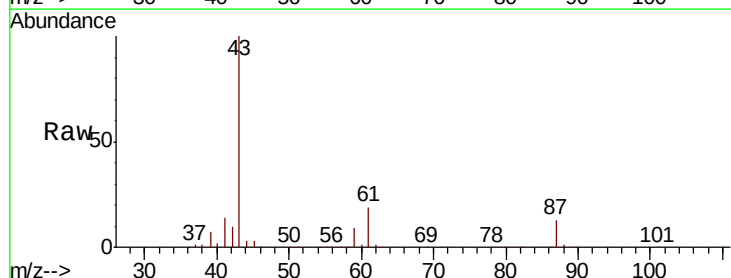
Acq: 02 Oct 2018 12:33

Tgt Ion: 43 Resp: 155903

Ion Ratio Lower Upper

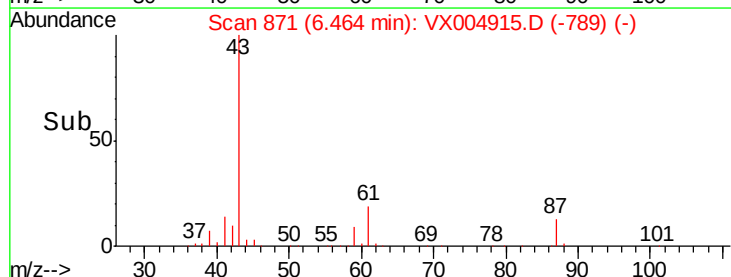
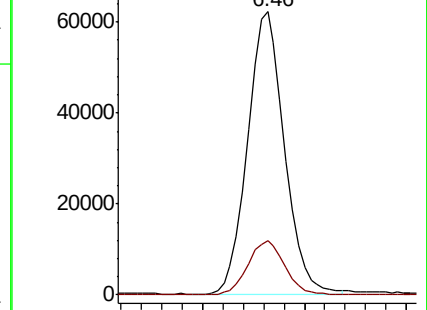
43 100

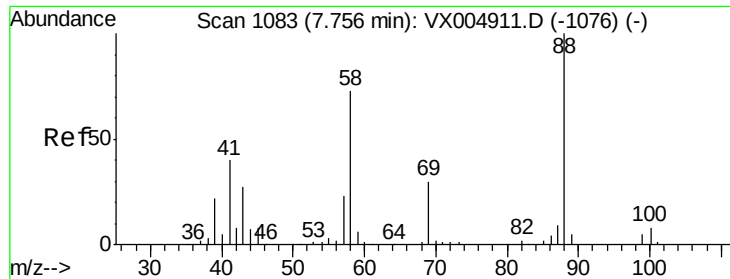
61 19.3 15.7 23.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

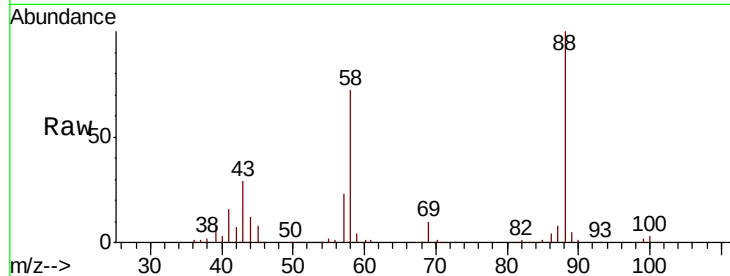




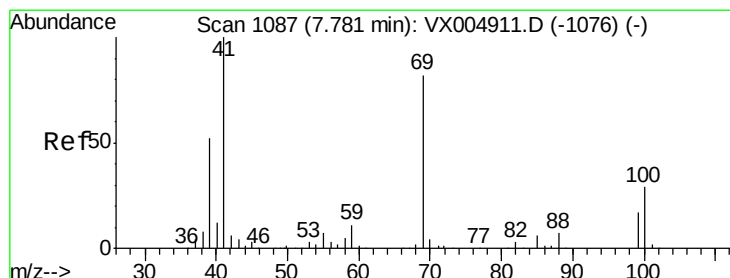
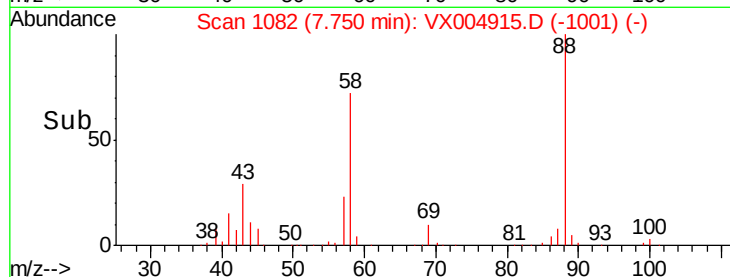
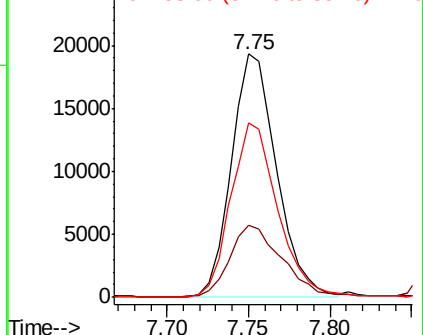
#45
 1,4-Dioxane
 Concen: 447.730 ug/l
 RT: 7.75 min Scan# 1082
 Delta R.T. -0.01 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100218

Tot Ion: 88 Resp: 37320
 Ion Ratio Lower Upper
 88 100
 43 32.6 25.4 38.0
 58 74.9 61.0 91.6

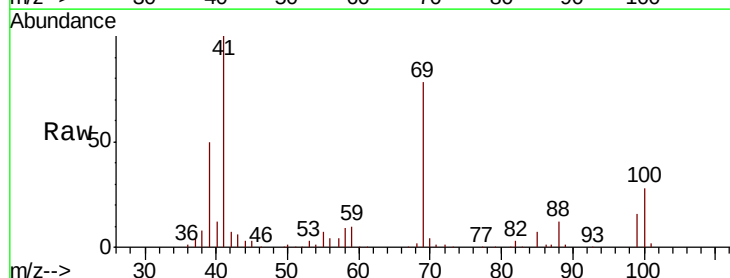


Abundance Ion 88.00 (87.70 to 88.70): VX0
 Ion 43.00 (42.70 to 43.70): VX0
 Ion 58.00 (57.70 to 58.70): VX0

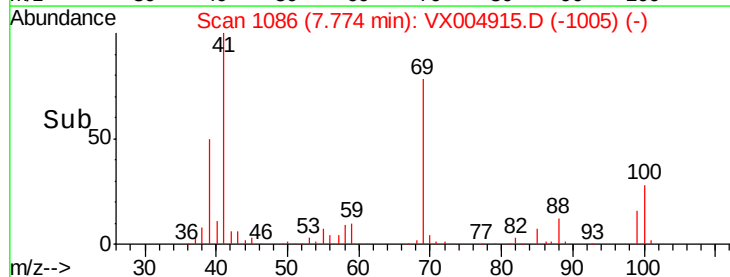
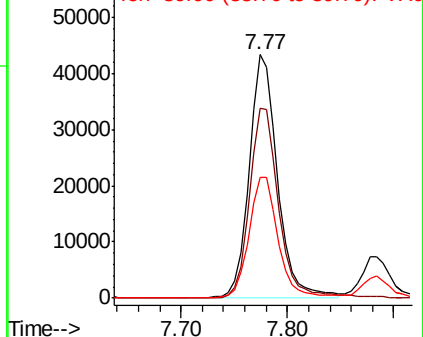


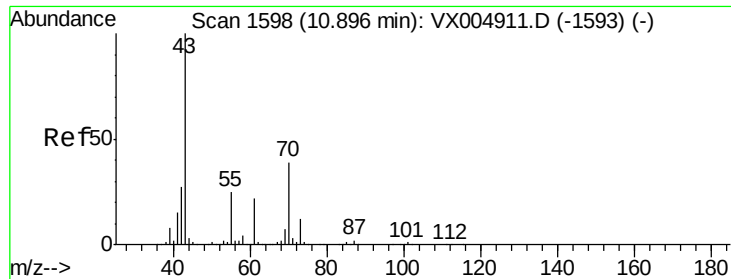
#46
 Methyl methacrylate
 Concen: 21.968 ug/l
 RT: 7.77 min Scan# 1086
 Delta R.T. -0.01 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

Tgt Ion: 41 Resp: 80636
 Ion Ratio Lower Upper
 41 100
 69 78.3 41.0 123.0
 39 49.7 25.9 77.7



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

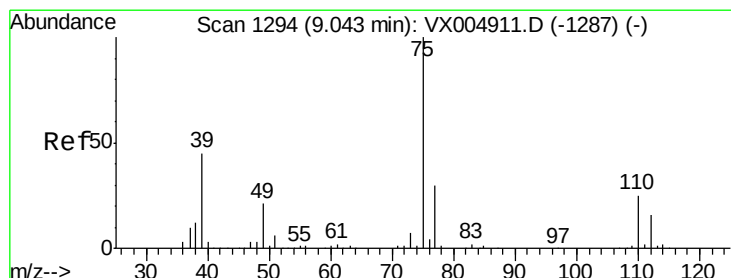
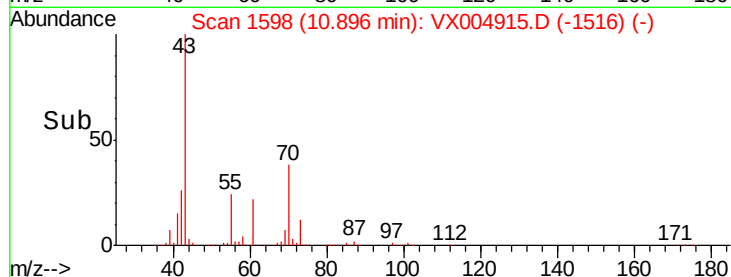
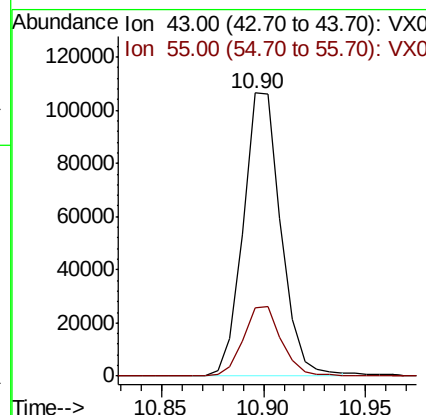
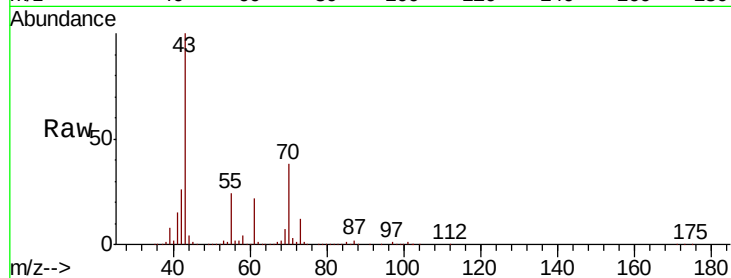




#47
n-amvl Acetate
Concen: 20.851 ug/l
RT: 10.90 min Scan# 1598
Delta R.T. -0.00 min
Lab File: VX004915.D
Acq: 02 Oct 2018 12:33

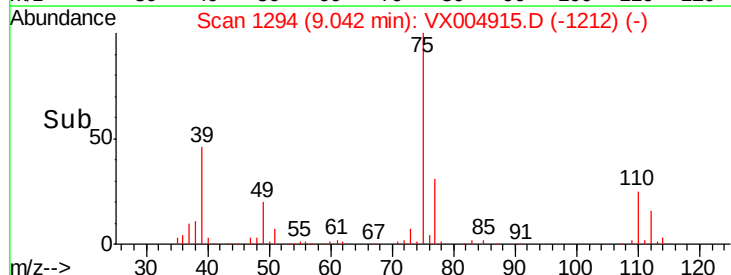
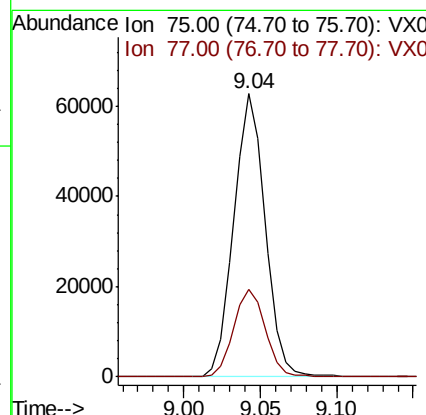
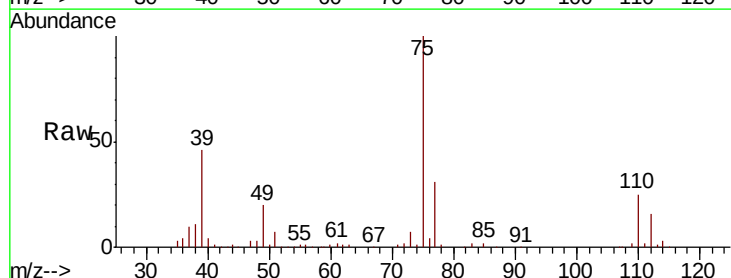
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100218

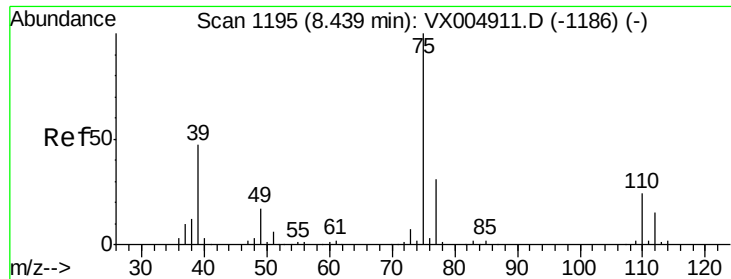
Tot Ion: 43 Resp: 136102
Ion Ratio Lower Upper
43 100
55 25.2 20.0 30.0



#48
t-1,3-Dichloropropene
Concen: 21.887 ug/l
RT: 9.04 min Scan# 1294
Delta R.T. -0.00 min
Lab File: VX004915.D
Acq: 02 Oct 2018 12:33

Tgt Ion: 75 Resp: 89423
Ion Ratio Lower Upper
75 100
77 30.8 24.4 36.6

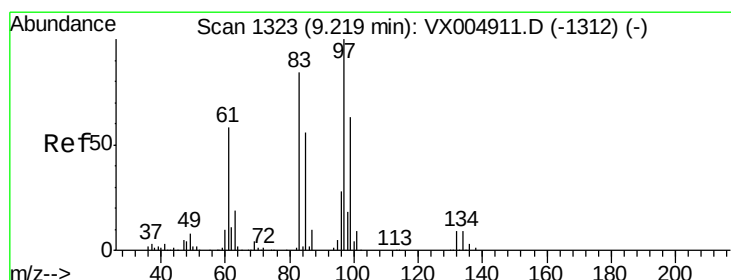
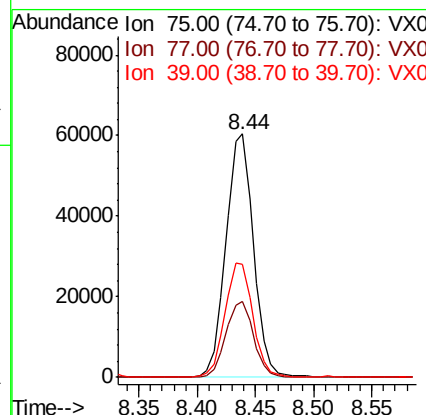
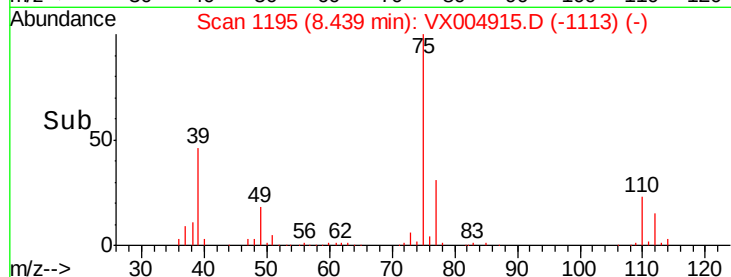
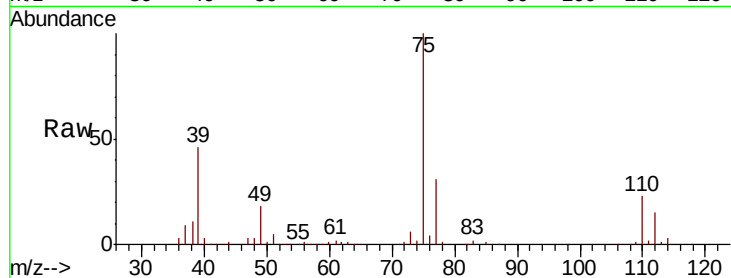




#49
 cis-1,3-Dichloropropene
 Concen: 22.401 ug/l
 RT: 8.44 min Scan# 1195
 Delta R.T. -0.00 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

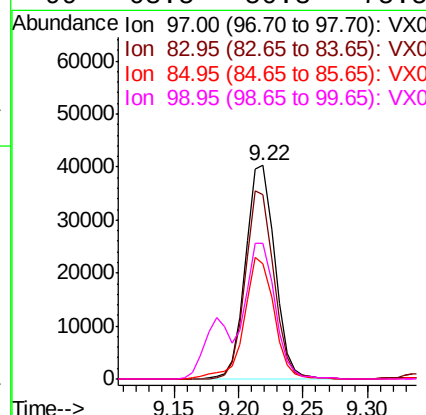
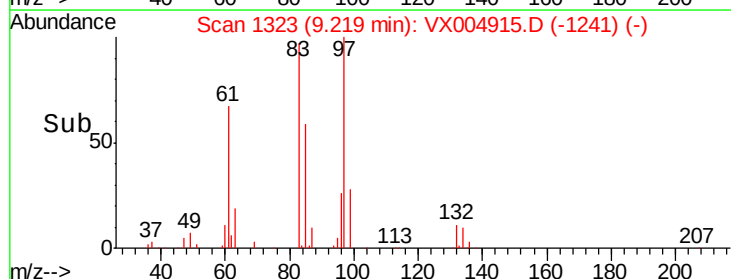
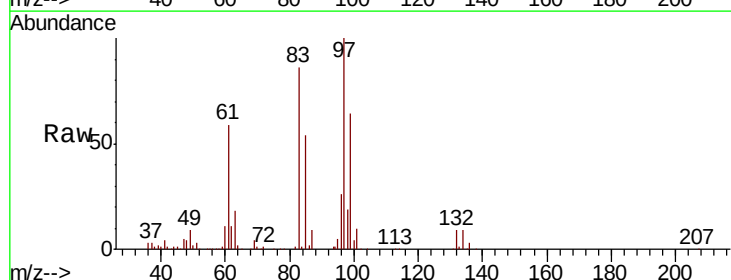
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100218

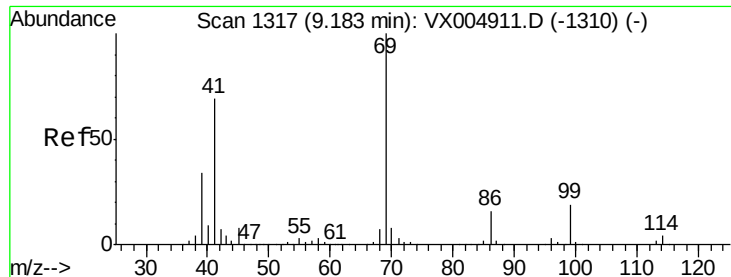
Tot Ion	Ratio	Lower	Upper
75	100		
77	31.0	24.9	37.3
39	46.1	38.0	57.0



#50
 1,1,2-Trichloroethane
 Concen: 22.670 ug/l
 RT: 9.22 min Scan# 1323
 Delta R.T. -0.00 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

Tgt Ion	Ratio	Lower	Upper
97	100		
83	86.0	67.2	100.8
85	53.9	44.7	67.1
99	63.5	50.3	75.5





#51

Ethyl methacrylate

Concen: 21.871 ug/l

RT: 9.18 min Scan# 1317

Delta R.T. -0.00 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100218

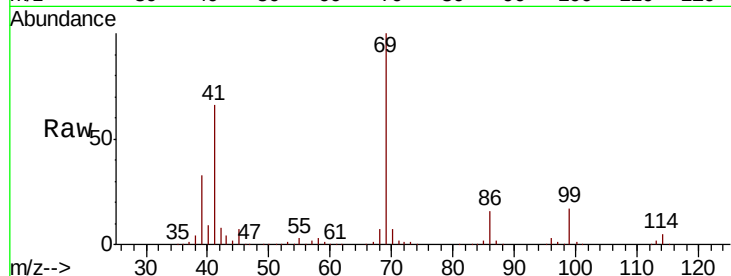
Tot Ion: 69 Resp: 97349

Ion Ratio Lower Upper

69 100

41 65.6 34.6 103.9

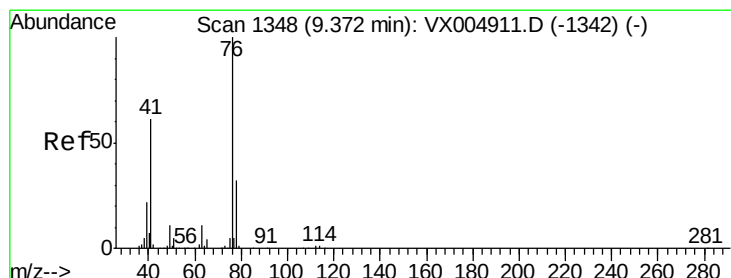
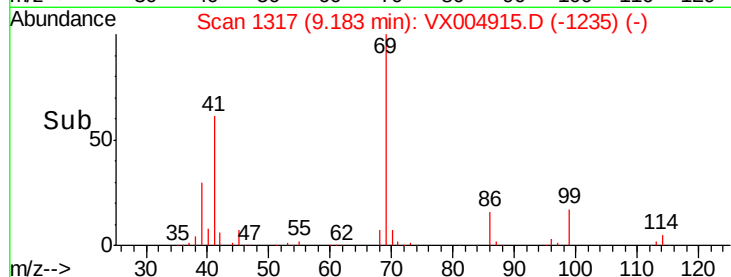
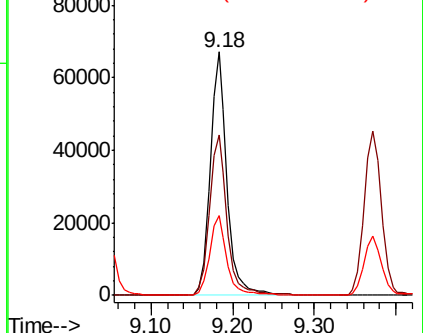
39 32.5 17.0 51.0



Abundance Ion 69.00 (68.70 to 69.70): VX0

Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0



#52

1,3-Dichloropropane

Concen: 22.313 ug/l

RT: 9.37 min Scan# 1348

Delta R.T. -0.00 min

Lab File: VX004915.D

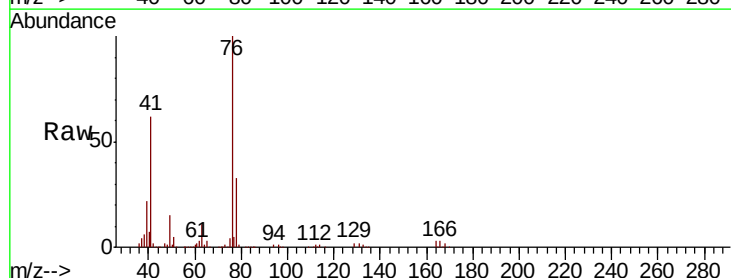
Acq: 02 Oct 2018 12:33

Tgt Ion: 76 Resp: 105579

Ion Ratio Lower Upper

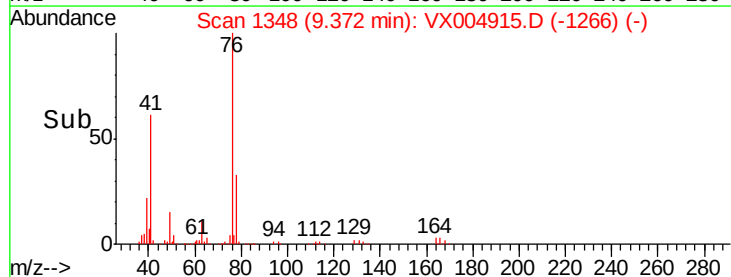
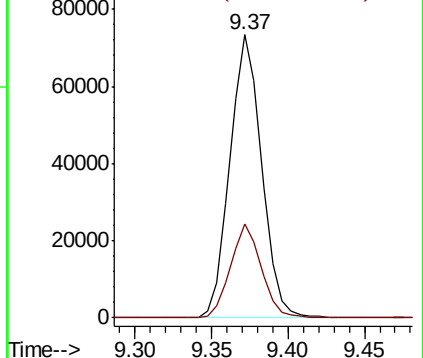
76 100

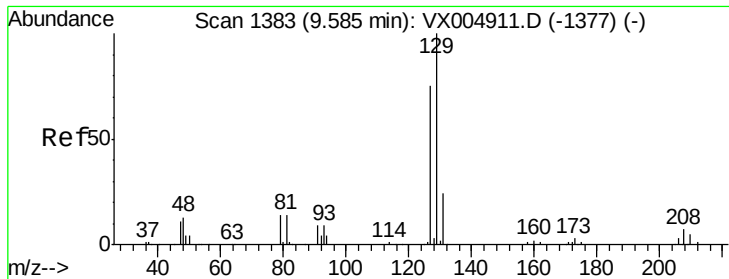
78 32.2 0.0 64.4



Abundance Ion 76.00 (75.70 to 76.70): VX0

Ion 78.00 (77.70 to 78.70): VX0





#53

Dibromochloromethane

Concen: 21.564 ug/l

RT: 9.59 min Scan# 1383

Delta R.T. -0.00 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

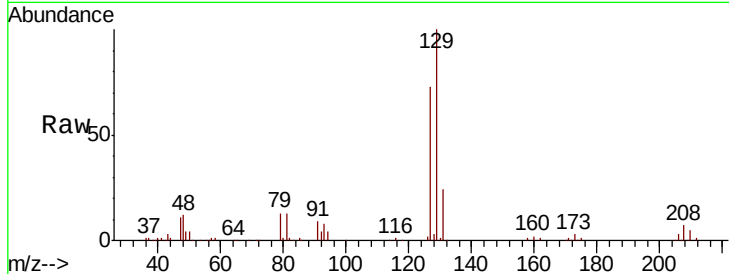
ICVVX100218

Tot Ion:129 Resp: 62747

Ion Ratio Lower Upper

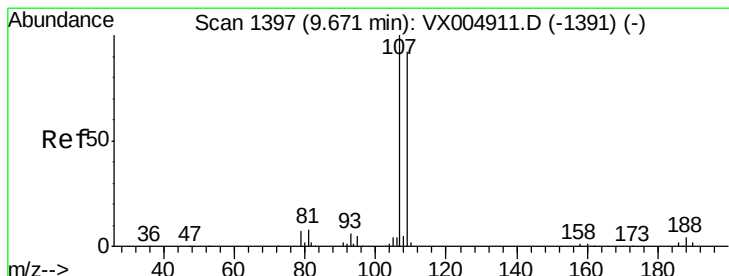
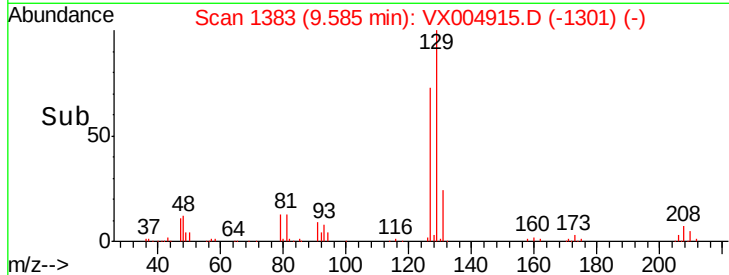
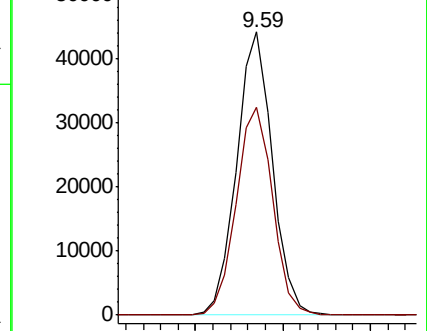
129 100

127 75.0 38.3 114.9



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V



#54

1,2-Dibromoethane

Concen: 22.291 ug/l

RT: 9.67 min Scan# 1397

Delta R.T. -0.00 min

Lab File: VX004915.D

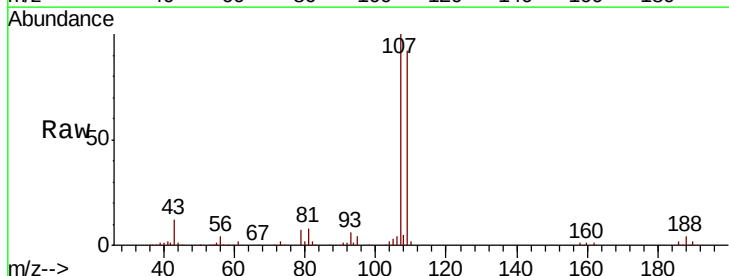
Acq: 02 Oct 2018 12:33

Tgt Ion:107 Resp: 65155

Ion Ratio Lower Upper

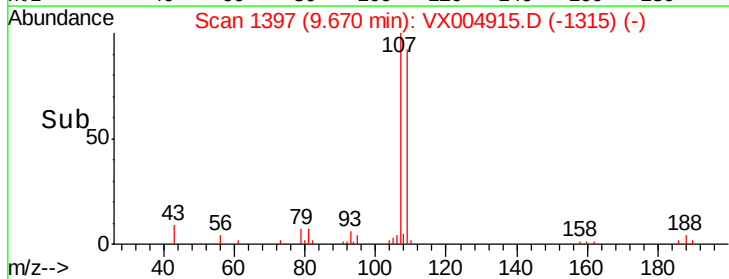
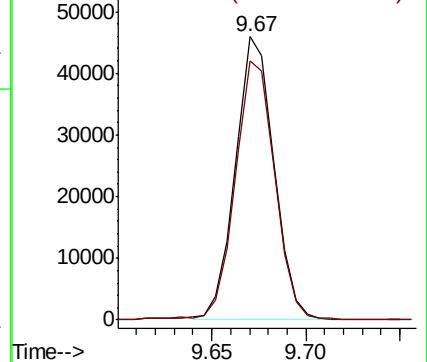
107 100

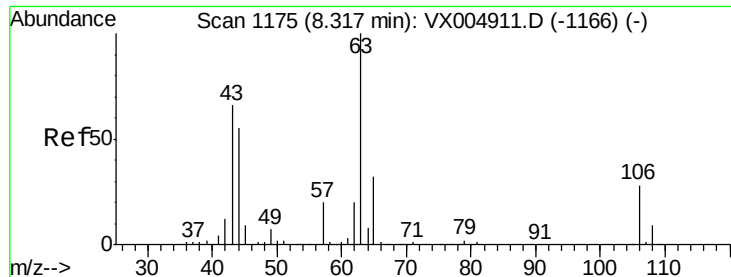
109 93.4 74.8 112.2



Abundance Ion 107.00 (106.70 to 107.70): V

Ion 109.00 (108.70 to 109.70): V

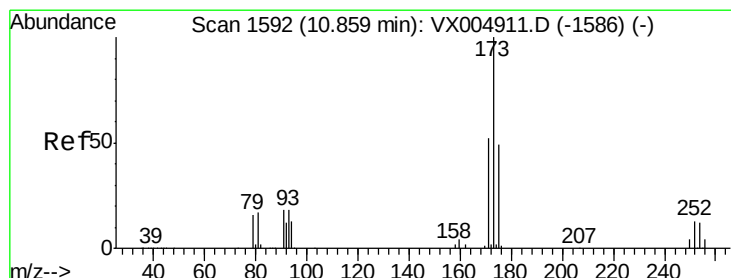
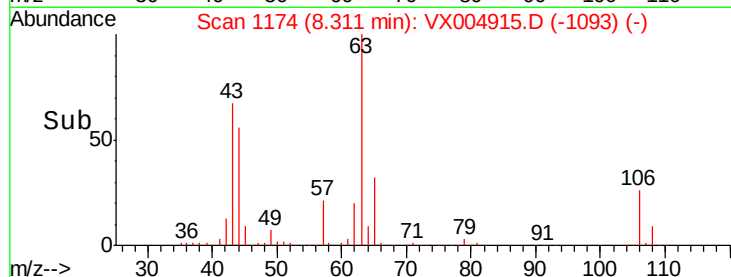
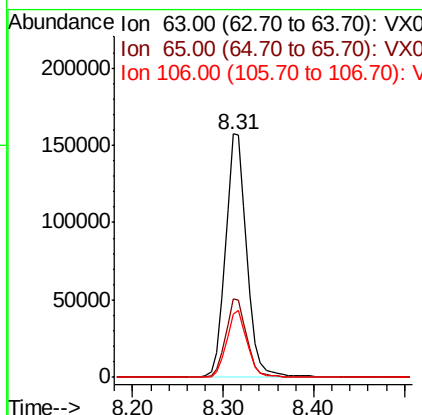
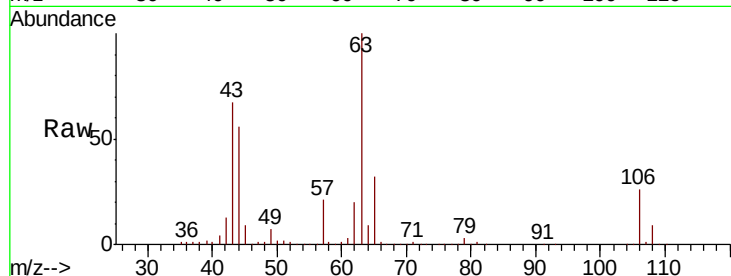




#55
2-Chloroethyl vinyl ether
Concen: 109.585 ug/l
RT: 8.31 min Scan# 1174
Delta R.T. -0.01 min
Lab File: VX004915.D
Acq: 02 Oct 2018 12:33

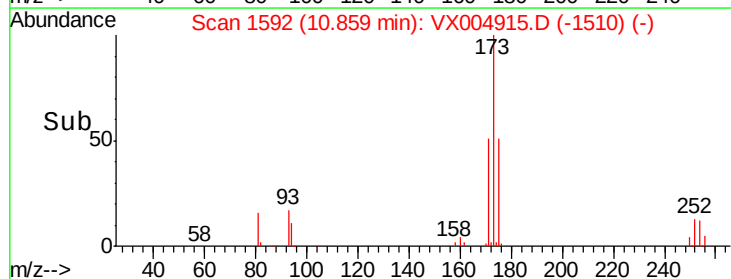
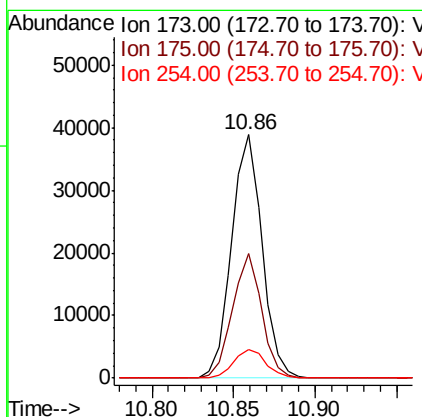
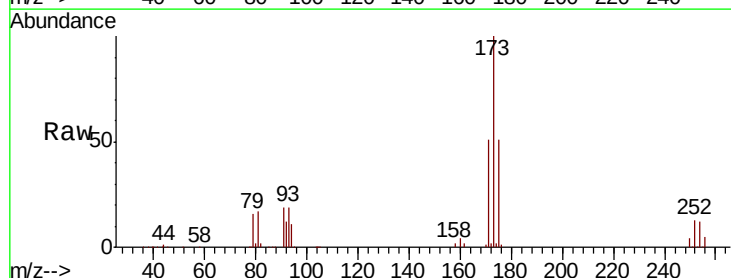
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100218

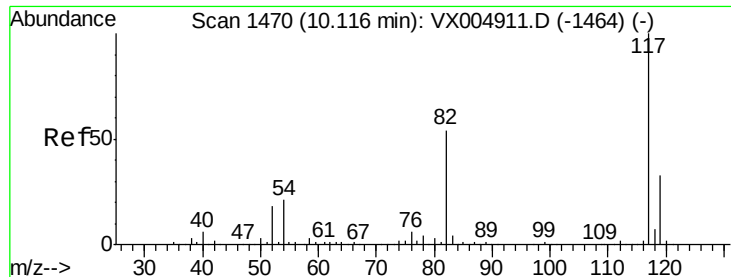
Tot Ion	Ratio	Lower	Upper
63	100		
65	32.2	25.9	38.9
106	26.8	21.8	32.6



#56
Bromoform
Concen: 20.804 ug/l
RT: 10.86 min Scan# 1592
Delta R.T. -0.00 min
Lab File: VX004915.D
Acq: 02 Oct 2018 12:33

Tgt Ion	Ratio	Lower	Upper
173	100		
175	48.8	39.7	59.5
254	12.2	9.6	14.4

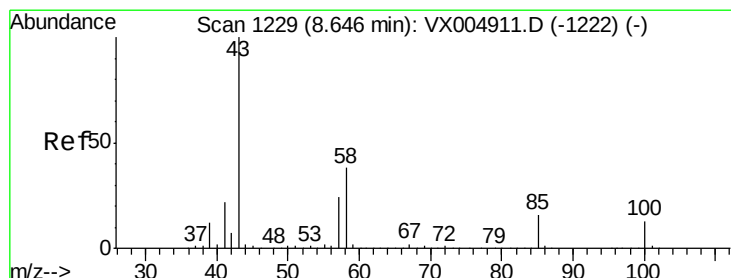
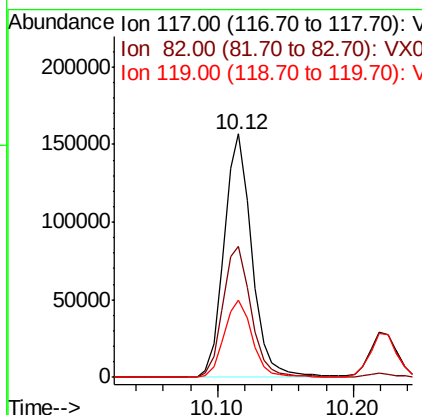
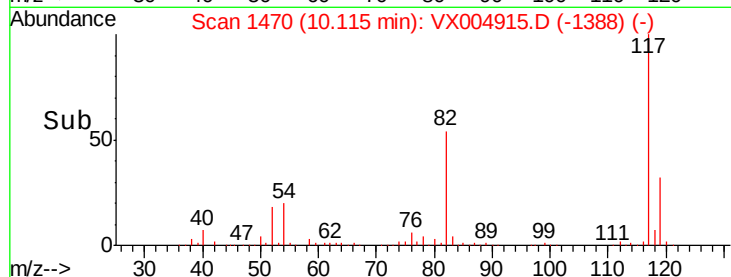
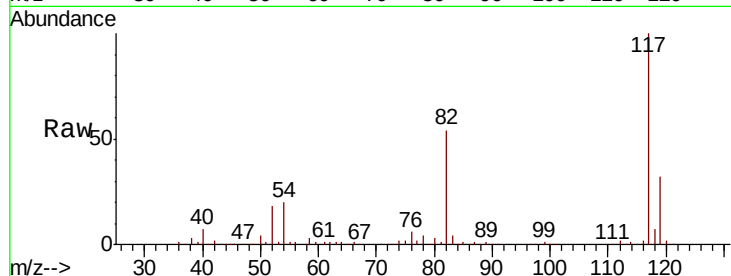




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. -0.00 min
Lab File: VX004915.D
Acq: 02 Oct 2018 12:33

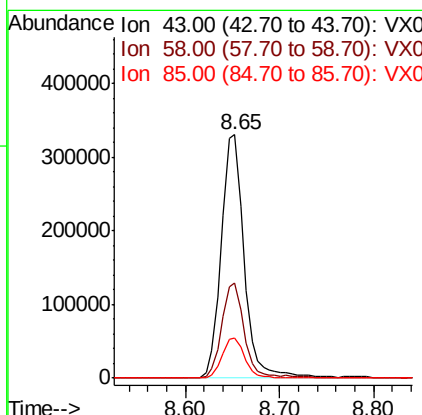
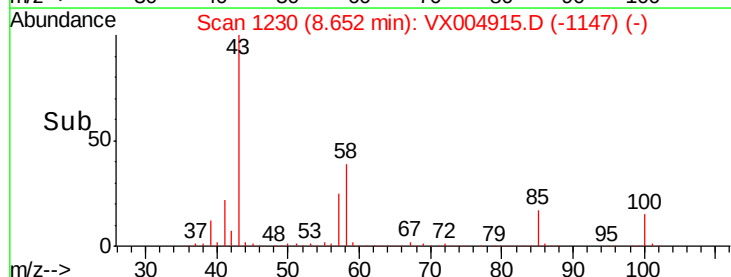
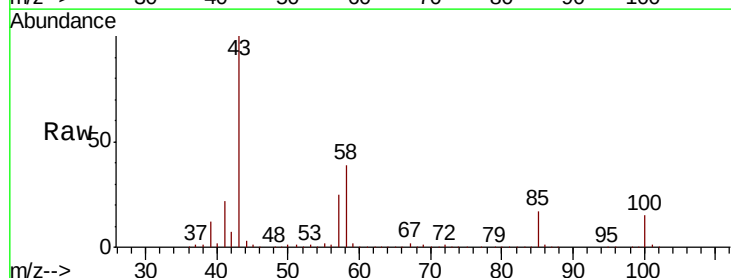
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100218

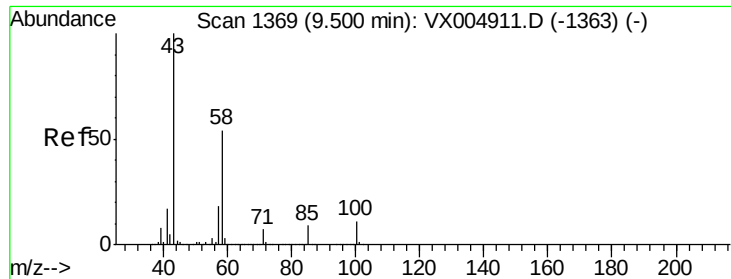
Tot Ion:117 Resp: 223329
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.4
119 31.9 25.8 38.6



#58
4-Methyl-2-Pentanone
Concen: 111.517 ug/l
RT: 8.65 min Scan# 1230
Delta R.T. 0.01 min
Lab File: VX004915.D
Acq: 02 Oct 2018 12:33

Tgt Ion: 43 Resp: 559190
Ion Ratio Lower Upper
43 100
58 37.6 30.8 46.2
85 16.4 13.1 19.7

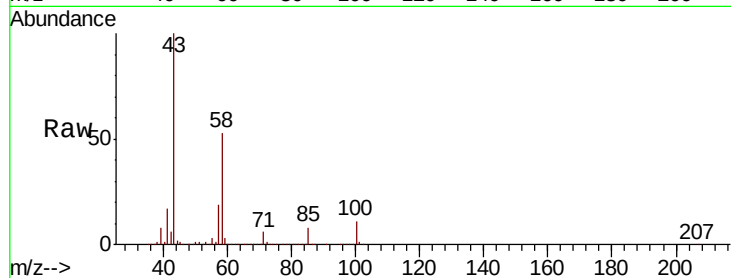




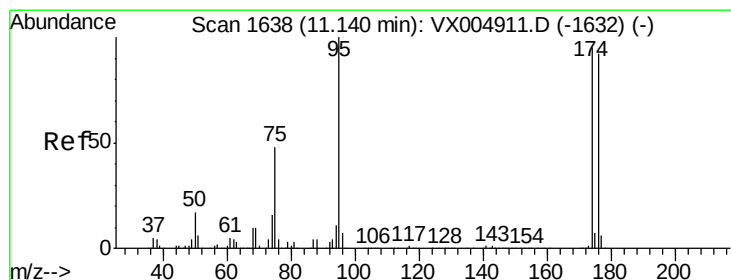
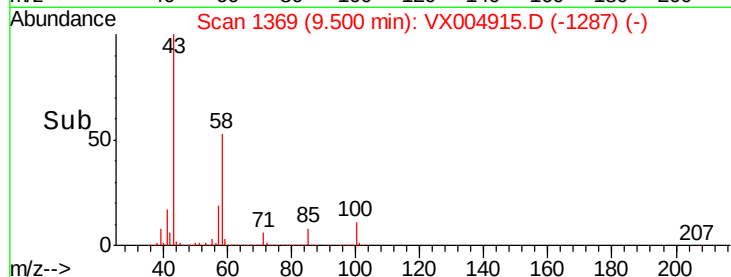
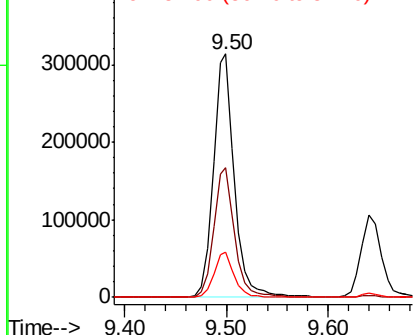
#59
2-Hexanone
Concen: 109.131 ug/l
RT: 9.50 min Scan# 1369
Delta R.T. -0.00 min
Lab File: VX004915.D
Acq: 02 Oct 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100218

Tot Ion: 43 Resp: 450851
Ion Ratio Lower Upper
43 100
58 53.4 42.7 64.1
57 18.4 14.6 22.0

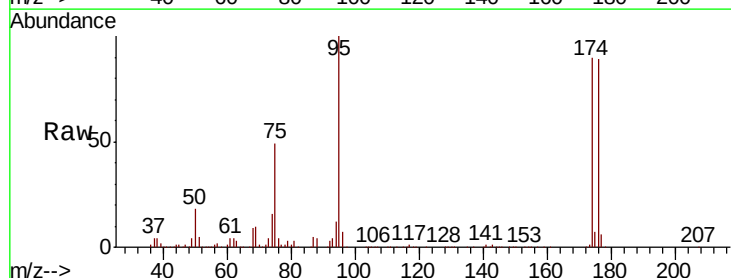


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0
Ion 57.00 (56.70 to 57.70): VX0

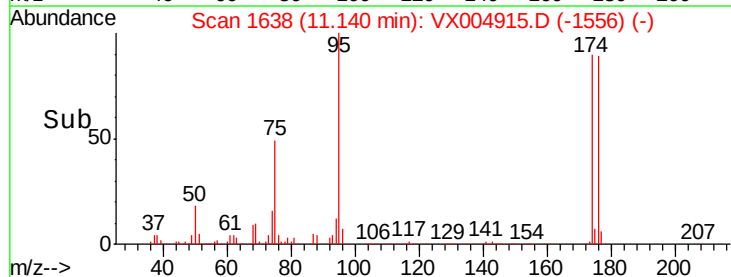
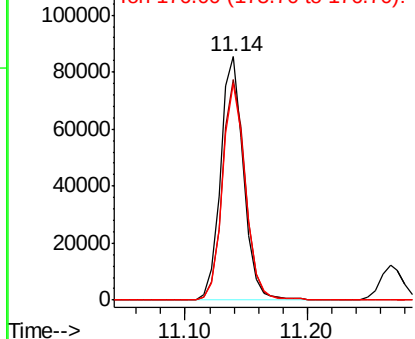


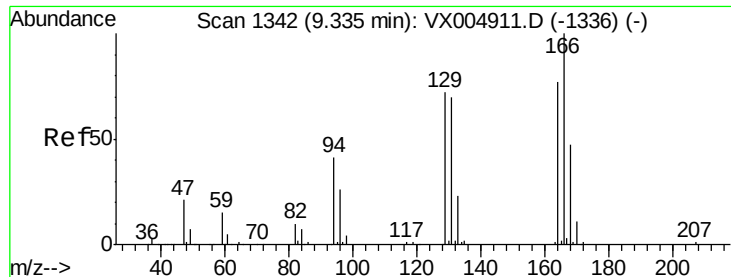
#60
4-Bromofluorobenzene
Concen: 30.083 ug/l
RT: 11.14 min Scan# 1638
Delta R.T. -0.00 min
Lab File: VX004915.D
Acq: 02 Oct 2018 12:33

Tgt Ion: 95 Resp: 111675
Ion Ratio Lower Upper
95 100
174 90.2 73.1 109.7
176 87.9 71.0 106.6



Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V





#61

Tetrachloroethene

Concen: 23.316 ug/l

RT: 9.34 min Scan# 1342

Delta R.T. -0.00 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100218

Tot Ion:164 Resp: 63369

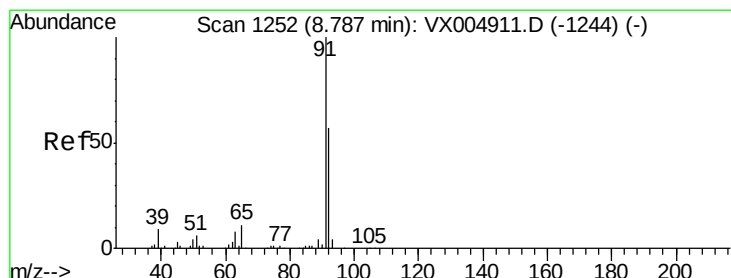
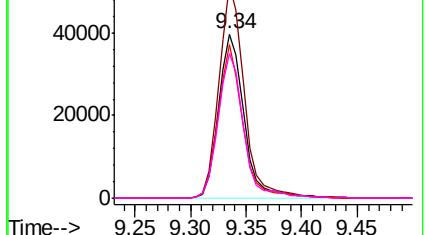
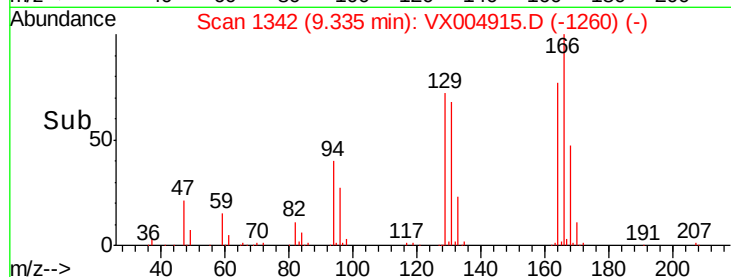
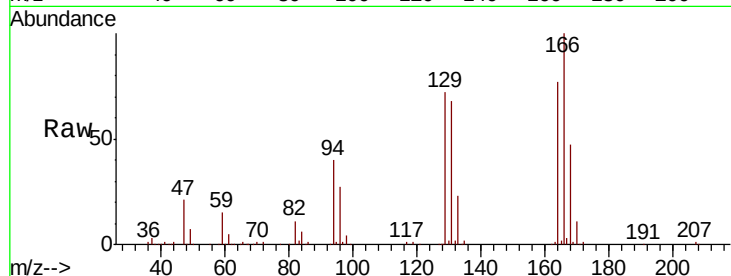
Ion Ratio Lower Upper

164 100

166 130.1 104.0 156.0

129 93.2 75.1 112.7

131 88.5 72.5 108.7



#62

Toluene

Concen: 22.551 ug/l

RT: 8.79 min Scan# 1252

Delta R.T. -0.00 min

Lab File: VX004915.D

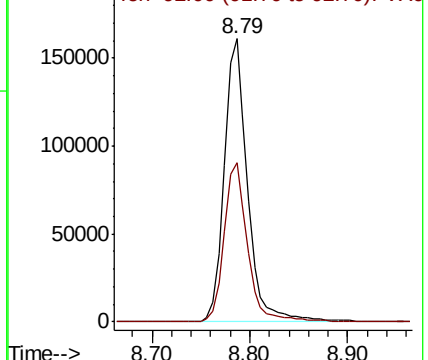
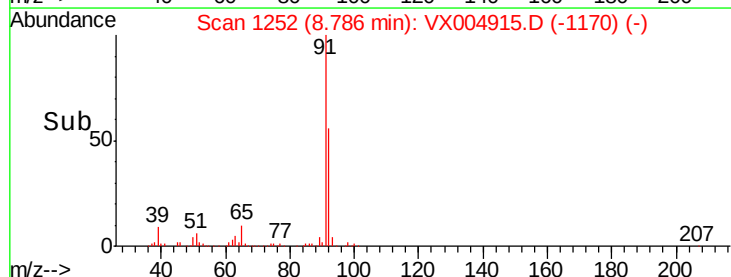
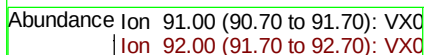
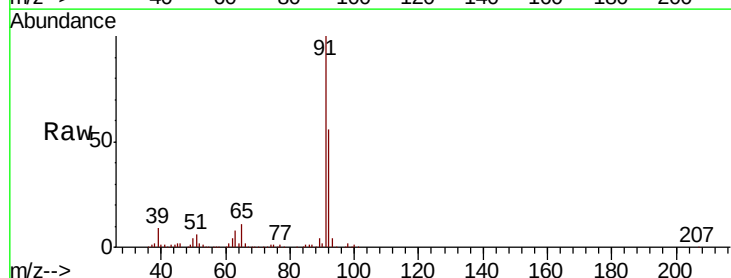
Acq: 02 Oct 2018 12:33

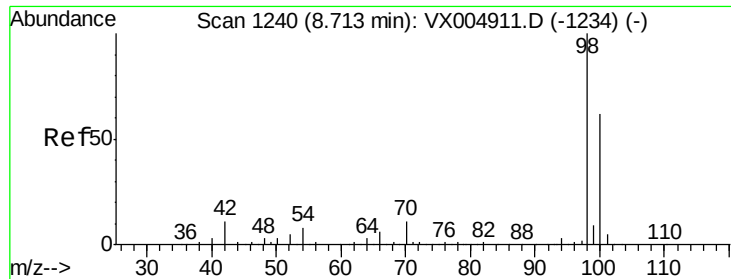
Tgt Ion: 91 Resp: 264684

Ion Ratio Lower Upper

91 100

92 57.0 46.2 69.4





#63

Toluene-d8

Concen: 29.318 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

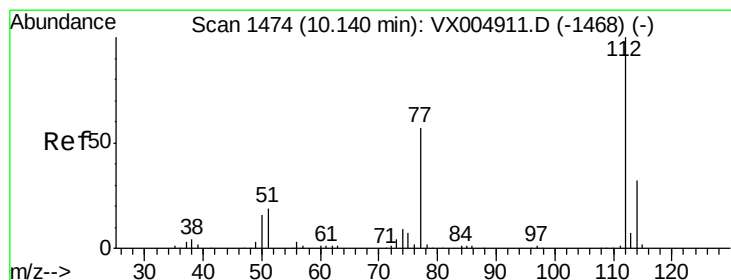
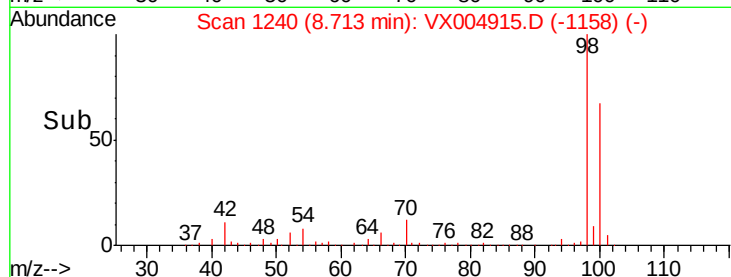
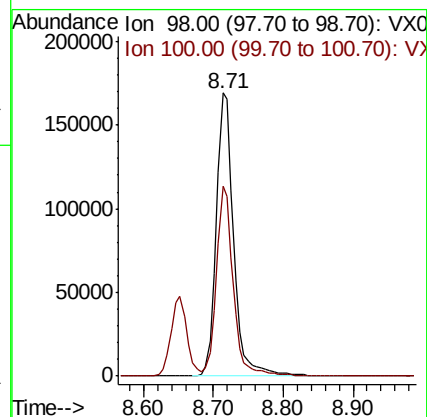
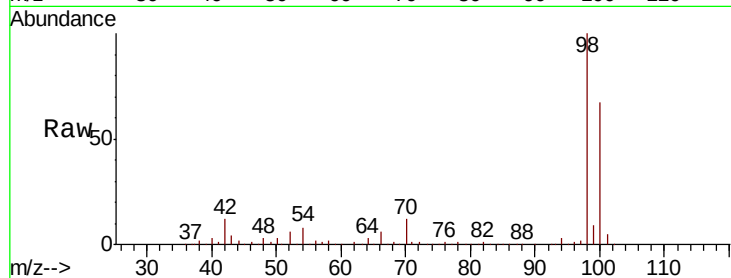
ICVVX100218

Tot Ion: 98 Resp: 292265

Ion Ratio Lower Upper

98 100

100 65.2 51.6 77.4



#64

Chlorobenzene

Concen: 22.447 ug/l

RT: 10.14 min Scan# 1474

Delta R.T. -0.00 min

Lab File: VX004915.D

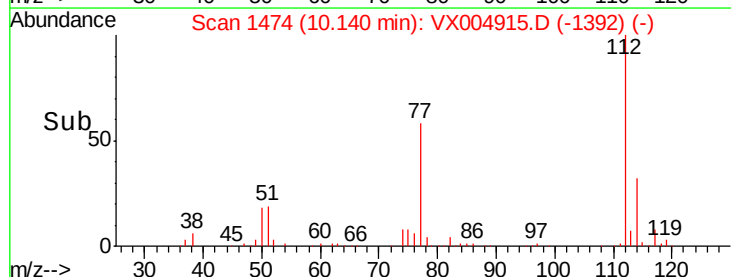
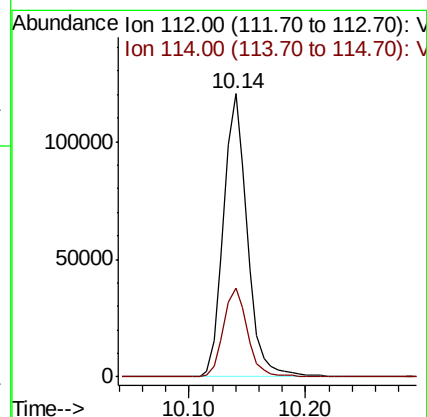
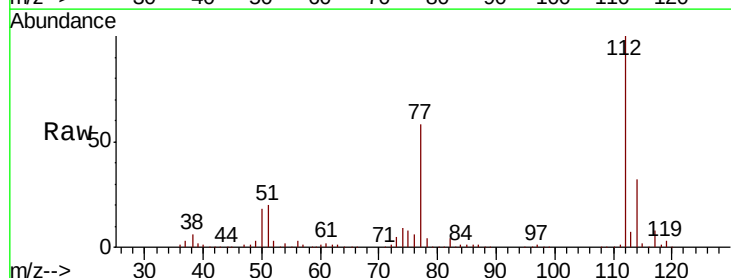
Acq: 02 Oct 2018 12:33

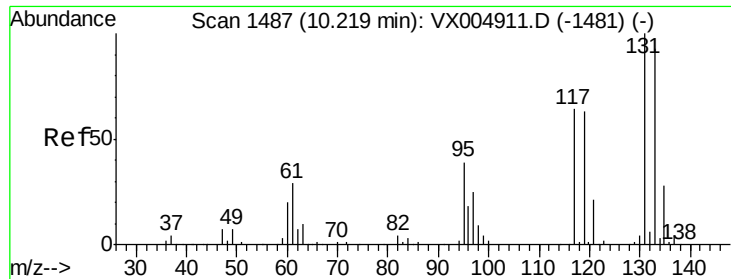
Tgt Ion: 112 Resp: 170142

Ion Ratio Lower Upper

112 100

114 31.5 25.7 38.5

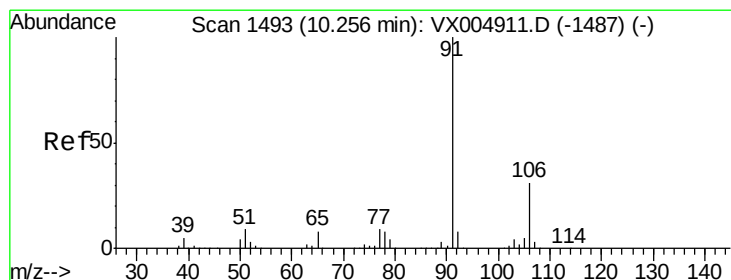
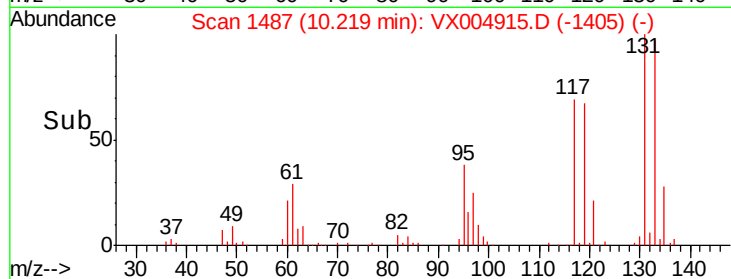
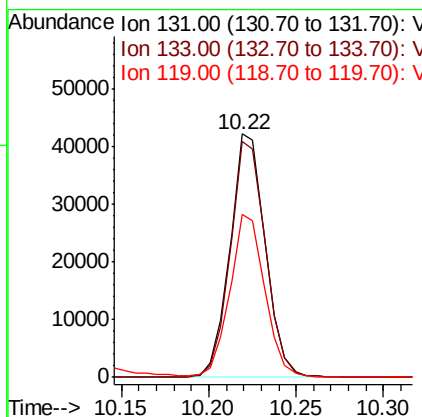
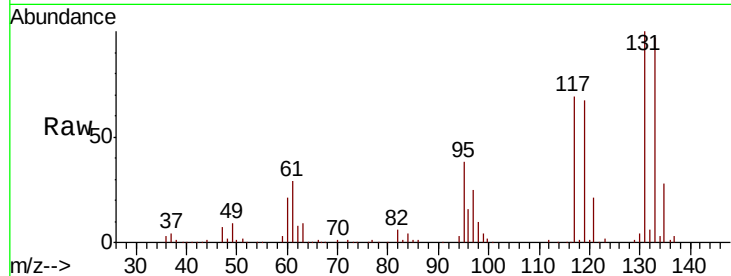




#65
 1,1,1,2-Tetrachloroethane
 Concen: 21.480 ug/l
 RT: 10.22 min Scan# 1487
 Delta R.T. -0.00 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

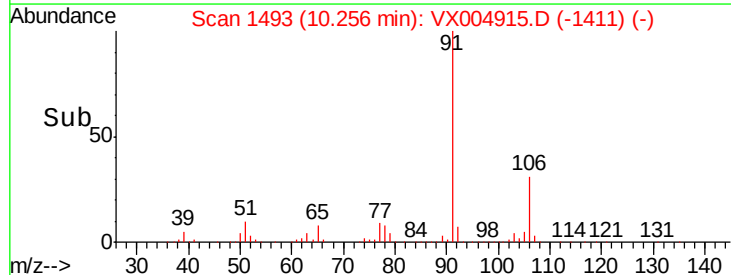
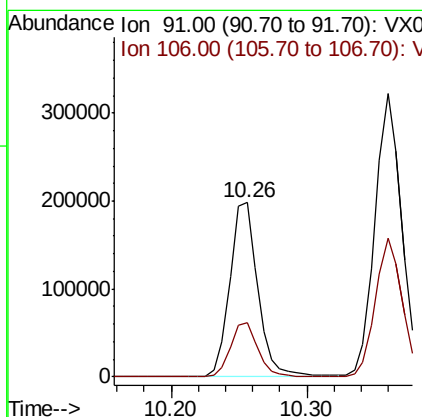
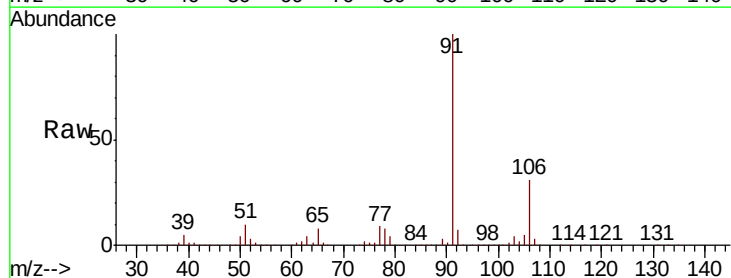
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100218

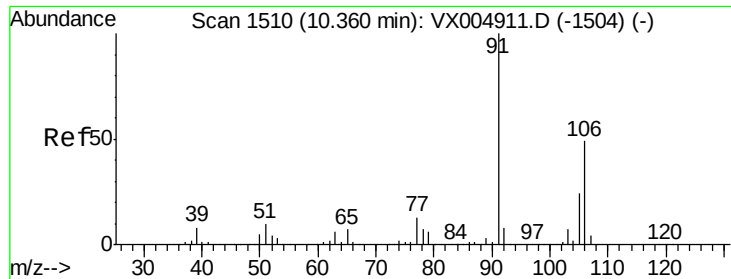
Tot Ion:131 Resp: 59186
 Ion Ratio Lower Upper
 131 100
 133 97.4 0.0 190.4
 119 66.5 0.0 129.0



#66
 Ethyl Benzene
 Concen: 22.273 ug/l
 RT: 10.26 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

Tgt Ion: 91 Resp: 285394
 Ion Ratio Lower Upper
 91 100
 106 31.5 24.5 36.7





#67

m/p-Xylenes

Concen: 44.437 ug/l

RT: 10.36 min Scan# 1510

Delta R.T. -0.00 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

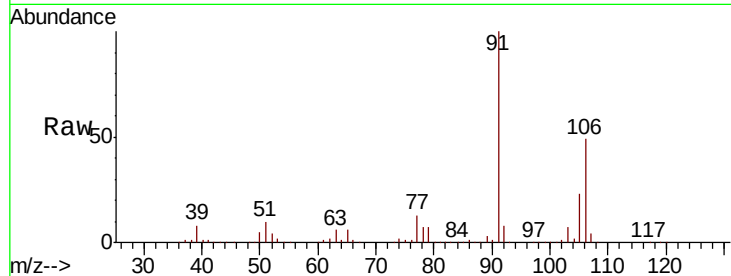
ICVVX100218

Tot Ion:106 Resp: 221702

Ion Ratio Lower Upper

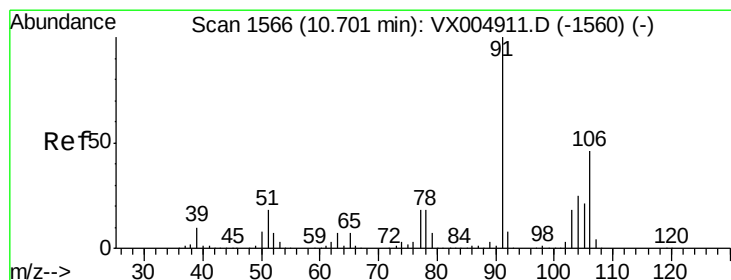
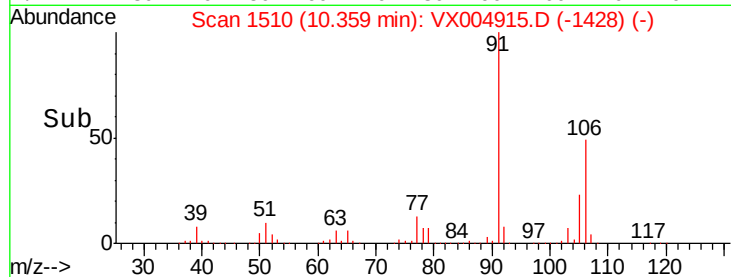
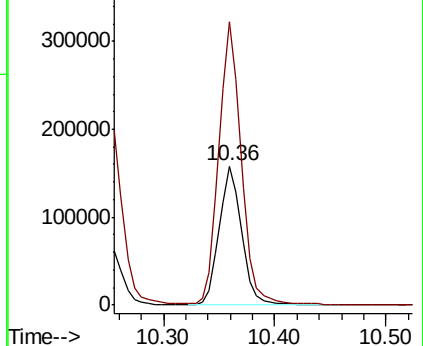
106 100

91 203.2 165.5 248.3



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0



#68

o-Xylene

Concen: 22.208 ug/l

RT: 10.70 min Scan# 1566

Delta R.T. -0.00 min

Lab File: VX004915.D

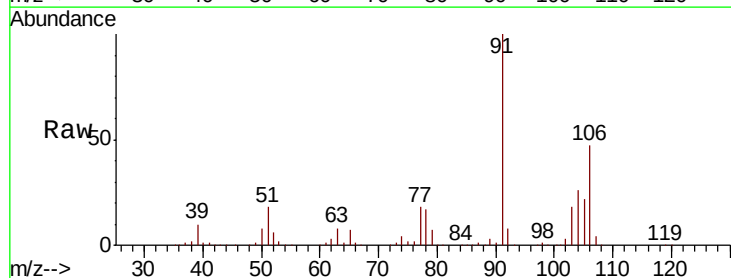
Acq: 02 Oct 2018 12:33

Tgt Ion:106 Resp: 106804

Ion Ratio Lower Upper

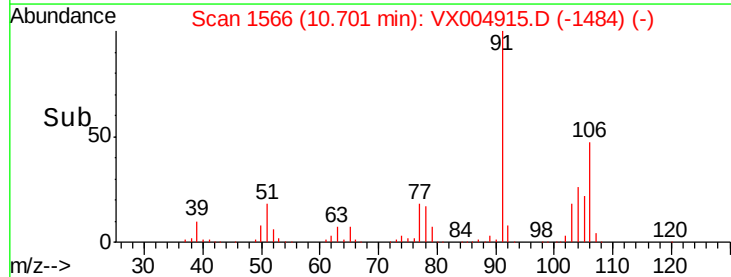
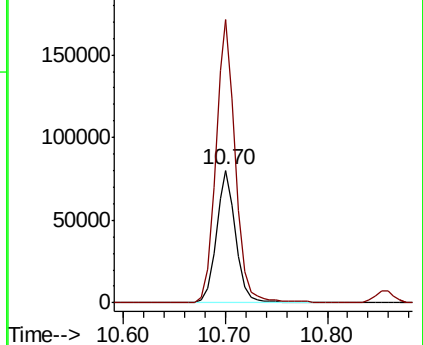
106 100

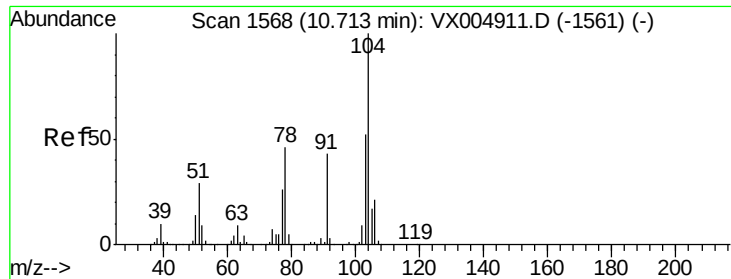
91 214.1 109.1 327.2



Abundance Ion 106.00 (105.70 to 106.70): V

Ion 91.00 (90.70 to 91.70): VX0





#69

Stvrene

Concen: 21.885 ug/l

RT: 10.71 min Scan# 1568

Delta R.T. -0.00 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100218

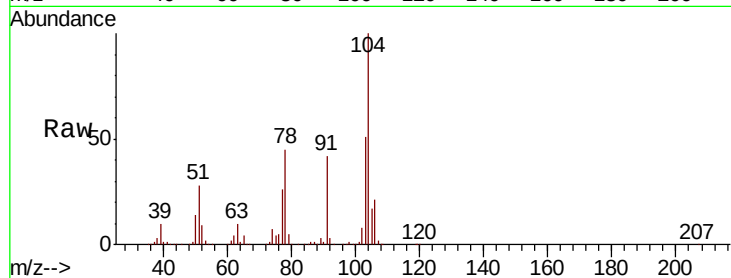
Tot Ion:104 Resp: 176983

Ion Ratio Lower Upper

104 100

78 49.5 40.3 60.5

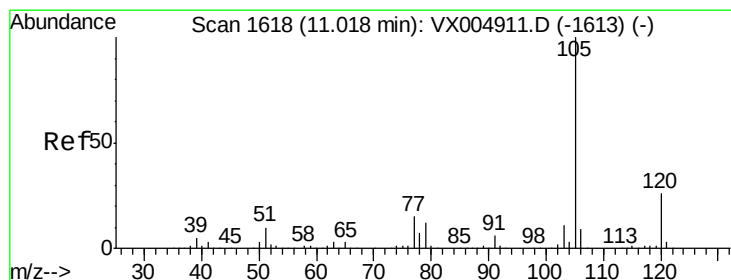
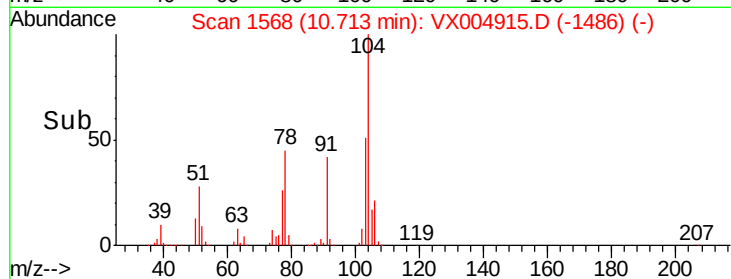
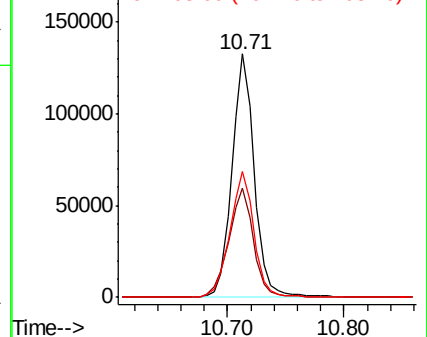
103 55.6 44.6 66.8



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): VX0

Ion 103.00 (102.70 to 103.70): V



#70

Isopropylbenzene

Concen: 22.462 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. -0.00 min

Lab File: VX004915.D

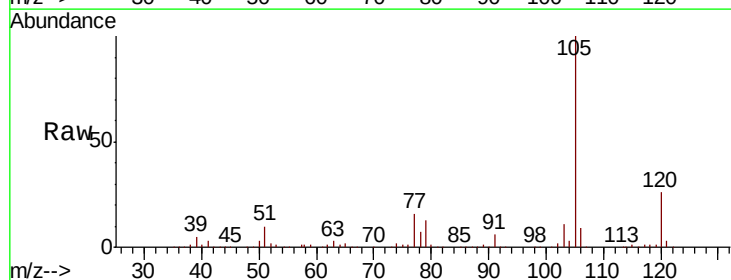
Acq: 02 Oct 2018 12:33

Tgt Ion:105 Resp: 289264

Ion Ratio Lower Upper

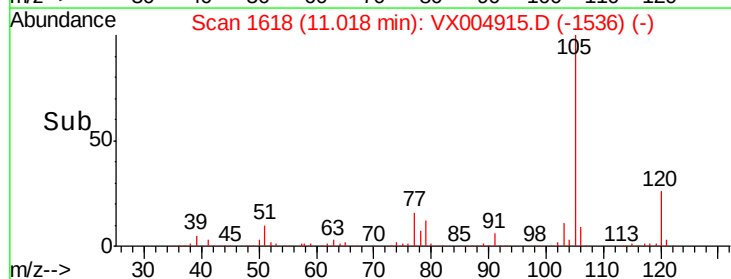
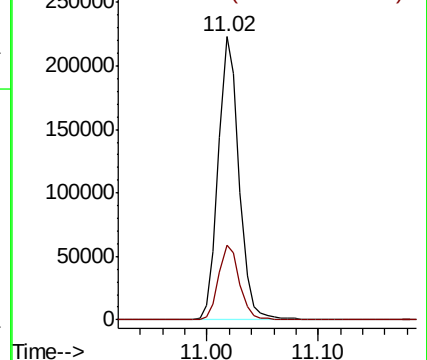
105 100

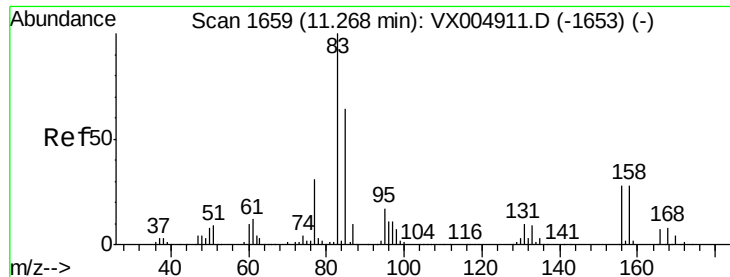
120 26.6 18.3 34.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

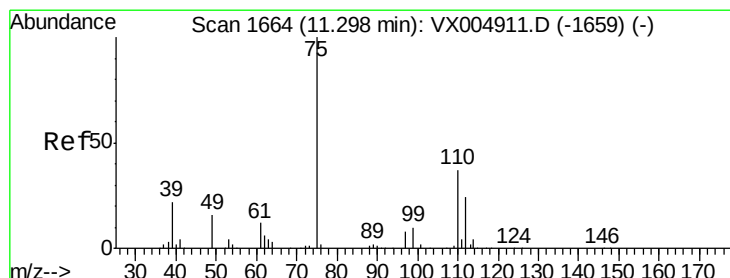
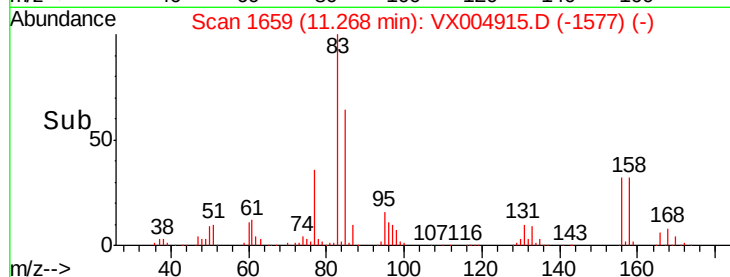
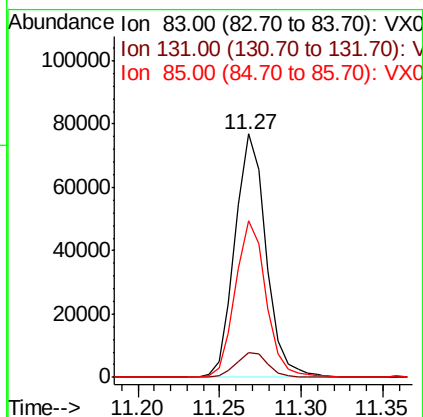
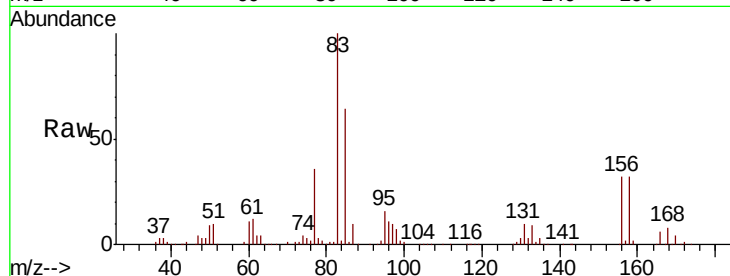




#71
 1,1,2,2-Tetrachloroethane
 Concen: 21.462 ug/l
 RT: 11.27 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

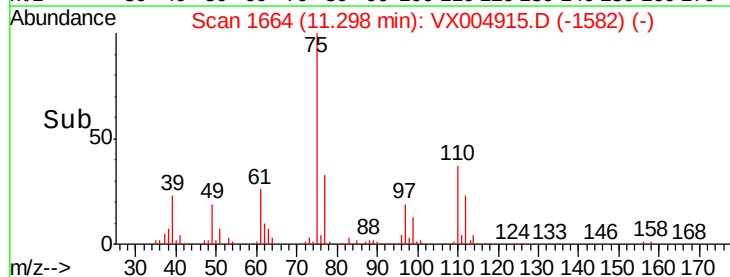
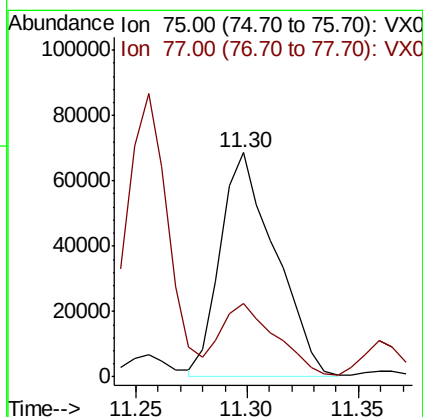
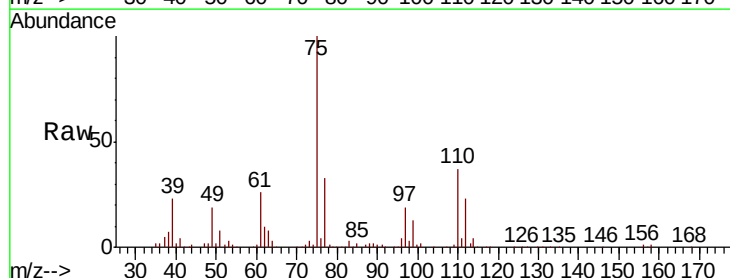
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100218

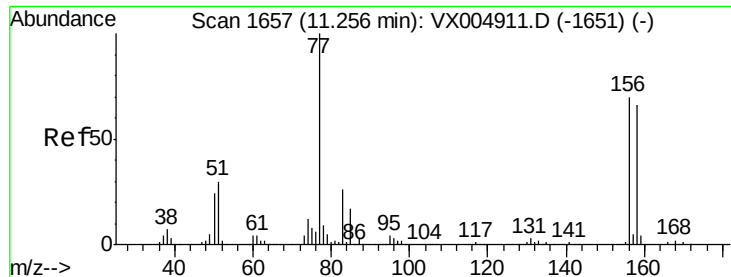
Tot Ion	83	Resp	102656
Ion Ratio	Lower	Upper	
83	100		
131	10.5	5.1	15.2
85	63.8	32.2	96.6



#72
 1,2,3-Trichloropropane
 Concen: 27.166 ug/l
 RT: 11.30 min Scan# 1664
 Delta R.T. -0.00 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

Tgt Ion	75	Resp	118381
Ion Ratio	Lower	Upper	
75	100		
77	30.9	0.0	81.2





#73

Bromobenzene

Concen: 21.696 ug/l

RT: 11.26 min Scan# 1657

Delta R.T. -0.00 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

ICVVX100218

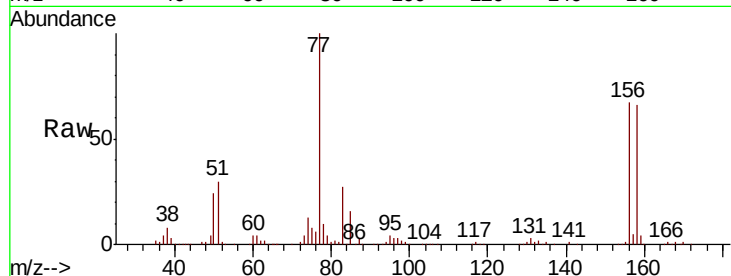
Tot Ion:156 Resp: 76803

Ion Ratio Lower Upper

156 100

77 147.6 0.0 292.4

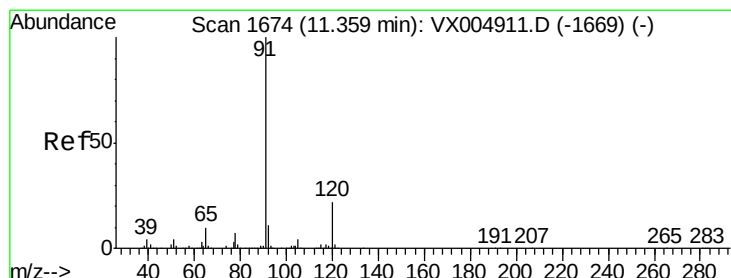
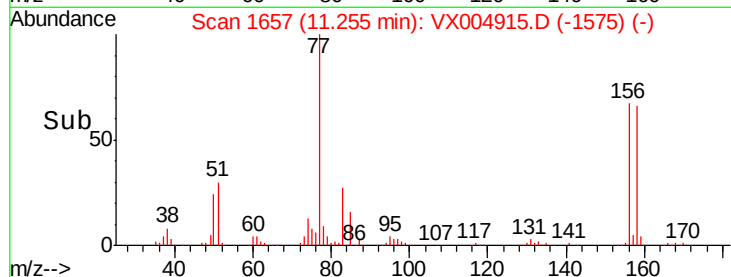
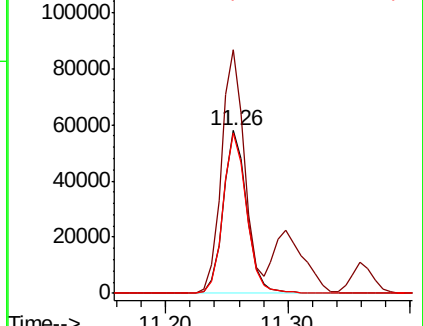
158 98.6 0.0 194.2



Abundance Ion 156.00 (155.70 to 156.70): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 158.00 (157.70 to 158.70): V



#74

n-propylbenzene

Concen: 22.562 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. -0.00 min

Lab File: VX004915.D

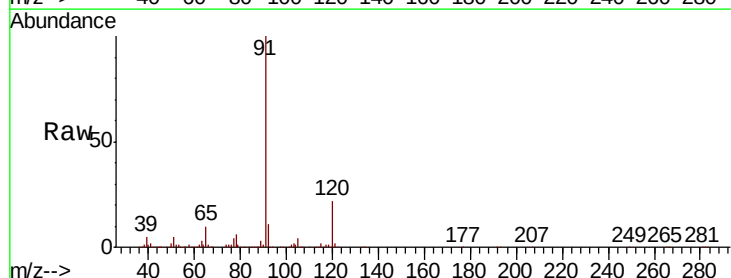
Acq: 02 Oct 2018 12:33

Tgt Ion: 91 Resp: 341871

Ion Ratio Lower Upper

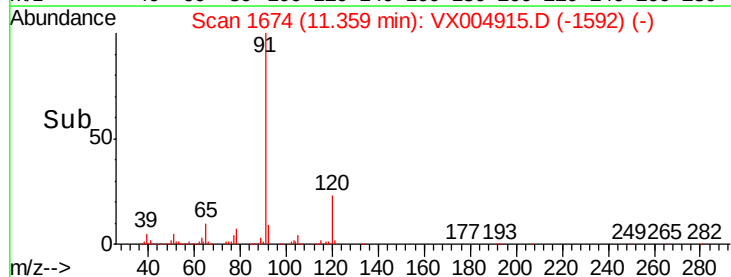
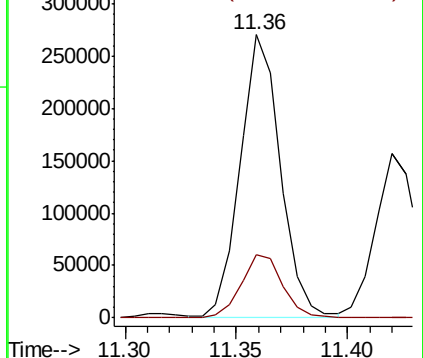
91 100

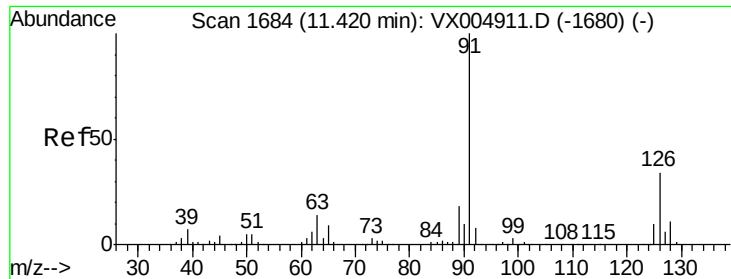
120 23.1 0.0 45.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#75

2-Chlorotoluene

Concen: 22.260 ug/l

RT: 11.42 min Scan# 1684

Delta R.T. -0.00 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

Instrument :

MSVOA_X

ClientSampleId :

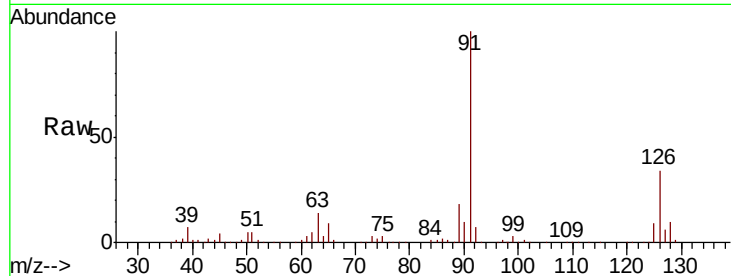
ICVVX100218

Tot Ion: 91 Resp: 205708

Ion Ratio Lower Upper

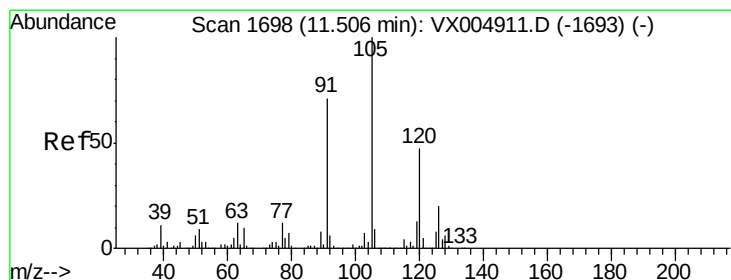
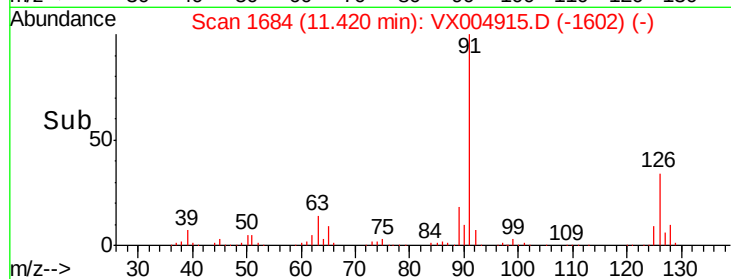
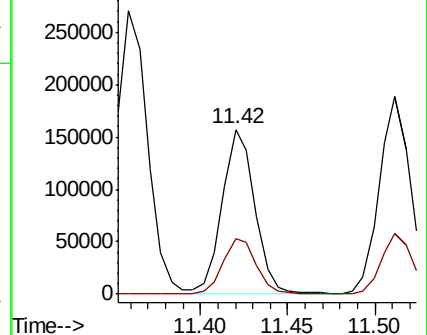
91 100

126 34.1 0.0 68.2



Abundance Ion 91.00 (90.70 to 91.70): VX004911.D (-1680) (-)

Ion 126.00 (125.70 to 126.70): VX004911.D (-1680) (-)



#76

1,3,5-Trimethylbenzene

Concen: 22.375 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.00 min

Lab File: VX004915.D

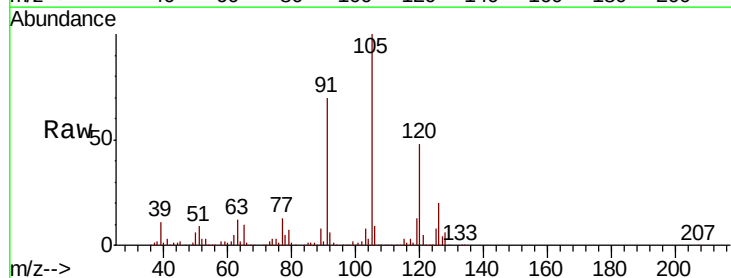
Acq: 02 Oct 2018 12:33

Tgt Ion: 105 Resp: 248624

Ion Ratio Lower Upper

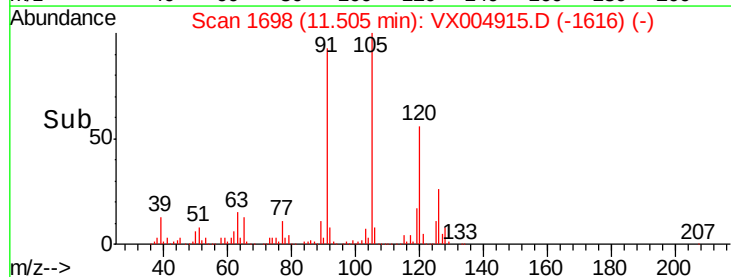
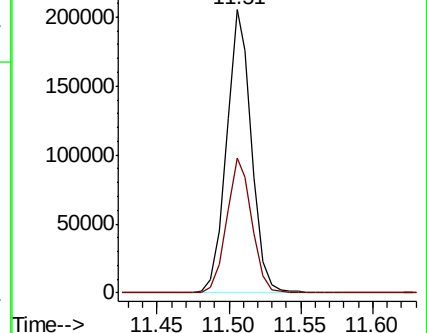
105 100

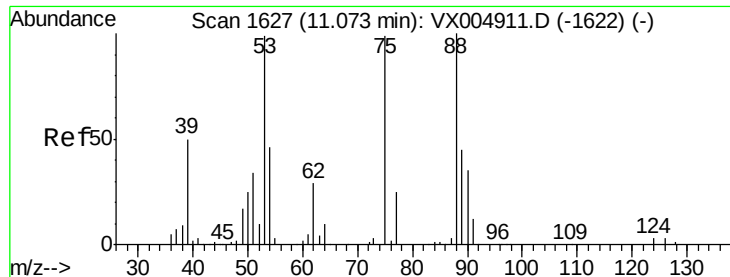
120 48.1 0.0 96.8



Abundance Ion 105.00 (104.70 to 105.70): VX004911.D (-1693) (-)

Ion 120.00 (119.70 to 120.70): VX004911.D (-1693) (-)

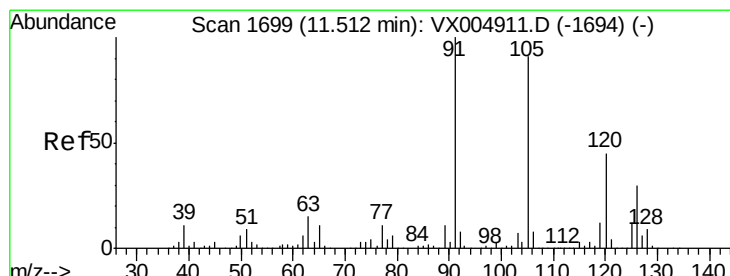
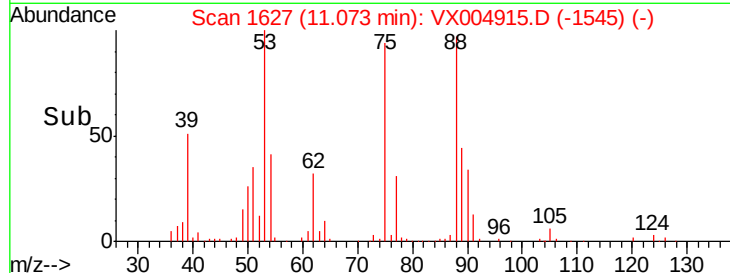
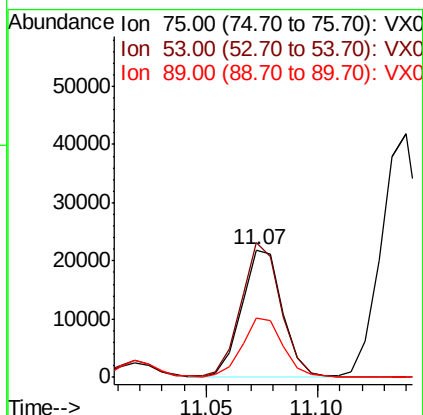
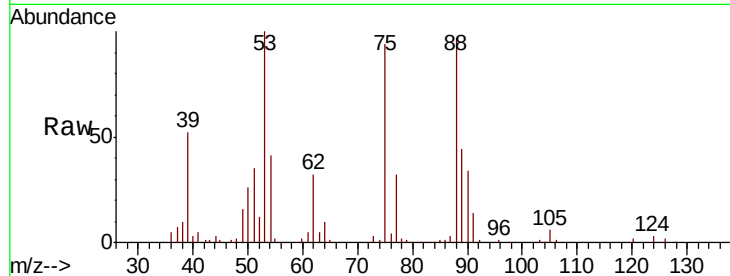




#77
 t-1,4-Dichloro-2-butene
 Concen: 19.632 ug/l
 RT: 11.07 min Scan# 1627
 Delta R.T. -0.00 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

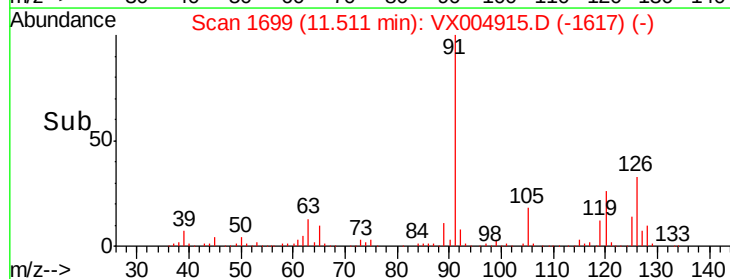
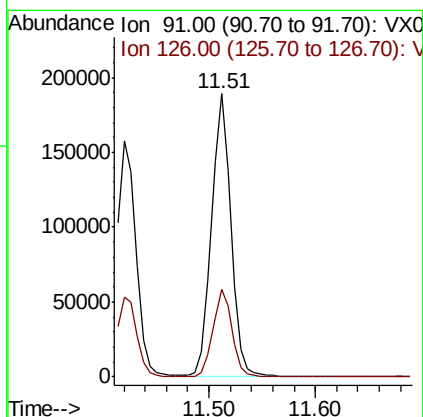
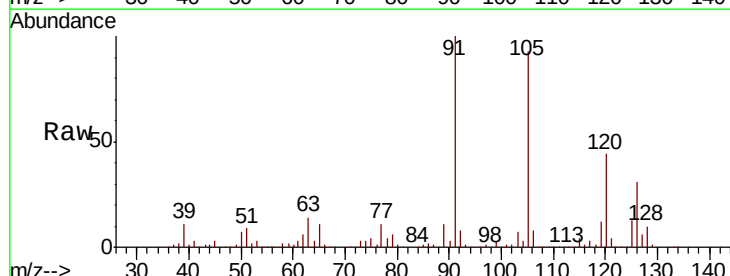
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100218

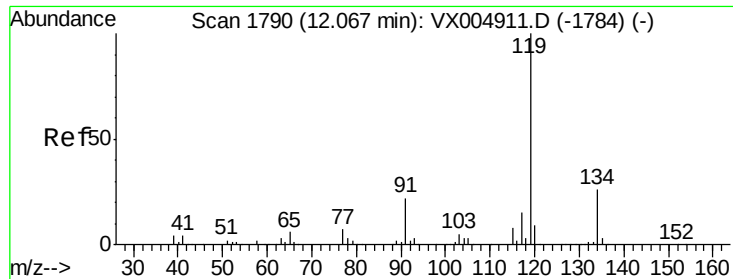
Tot Ion: 75 Resp: 28127
 Ion Ratio Lower Upper
 75 100
 53 105.9 50.3 150.9
 89 46.2 22.6 67.8



#78
 4-Chlorotoluene
 Concen: 22.007 ug/l
 RT: 11.51 min Scan# 1699
 Delta R.T. -0.00 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

Tgt Ion: 91 Resp: 236384
 Ion Ratio Lower Upper
 91 100
 126 30.5 0.0 61.0

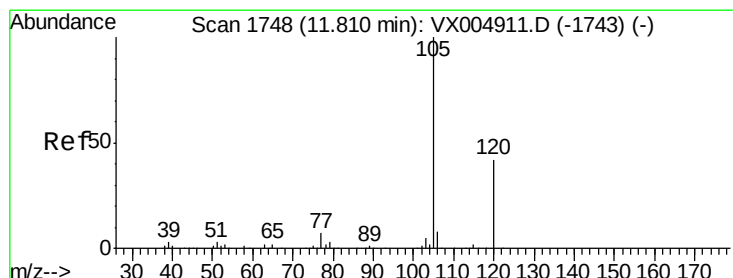
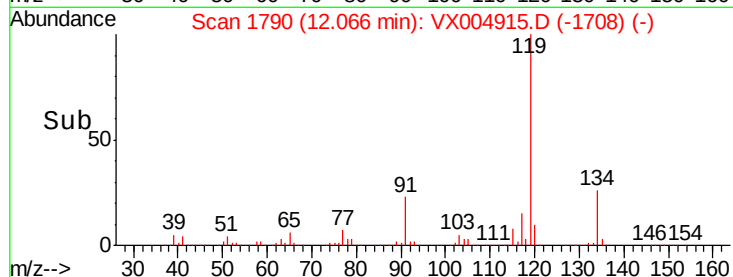
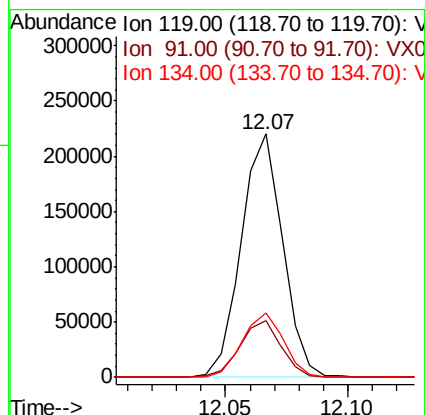
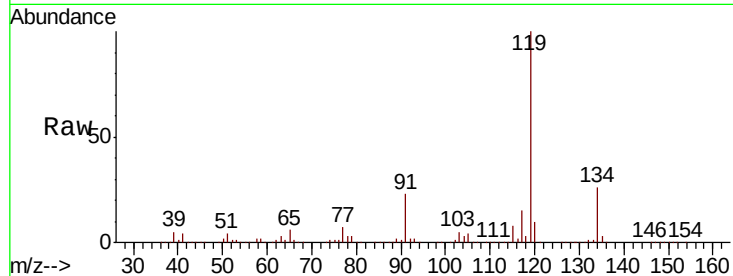




#79
tert-butylbenzene
Concen: 22.016 ug/l
RT: 12.07 min Scan# 1790
Delta R.T. -0.00 min
Lab File: VX004915.D
Acq: 02 Oct 2018 12:33

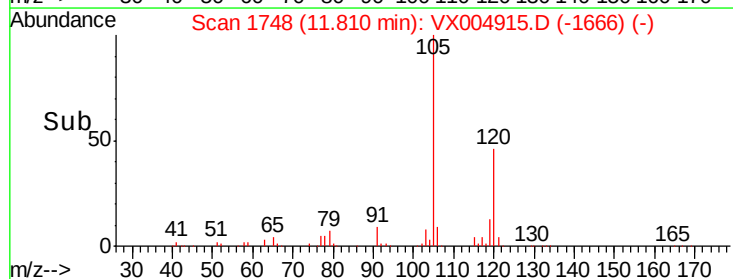
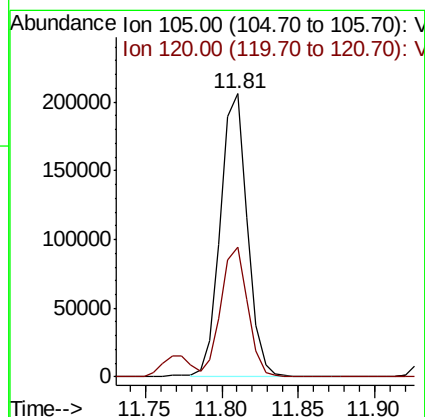
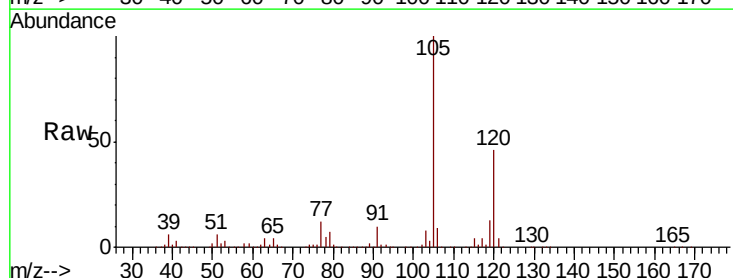
Instrument :
MSVOA_X
ClientSampleId :
ICVVX100218

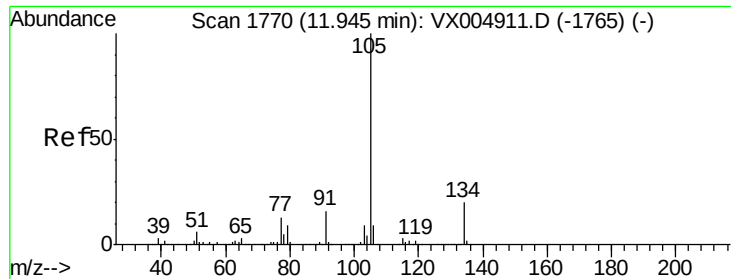
Tot Ion:119 Resp: 259624
Ion Ratio Lower Upper
119 100
91 23.0 0.0 45.8
134 26.7 0.0 52.8



#80
1,2,4-Trimethylbenzene
Concen: 22.246 ug/l
RT: 11.81 min Scan# 1748
Delta R.T. -0.00 min
Lab File: VX004915.D
Acq: 02 Oct 2018 12:33

Tgt Ion:105 Resp: 252084
Ion Ratio Lower Upper
105 100
120 45.4 0.0 90.6

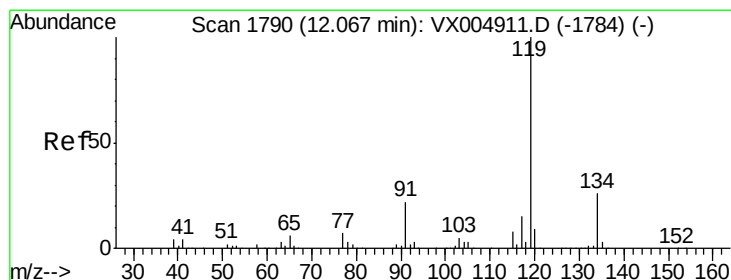
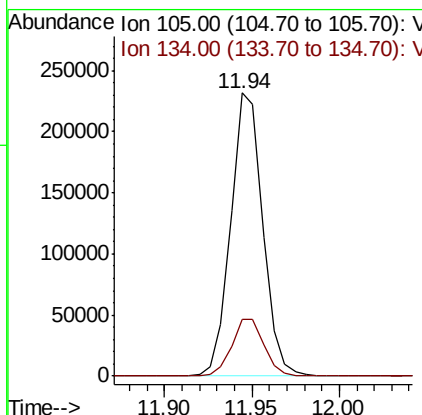
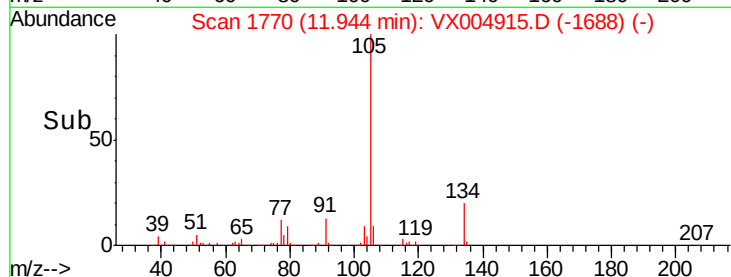
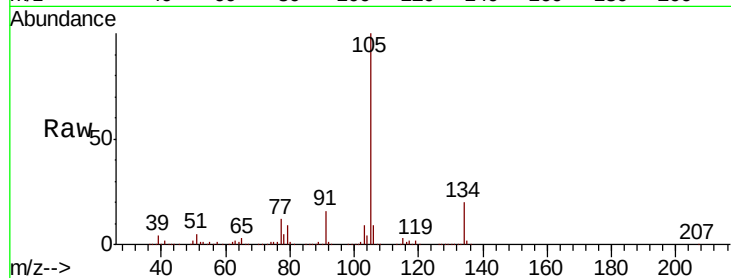




#81
 sec-Butylbenzene
 Concen: 22.502 ug/l
 RT: 11.94 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

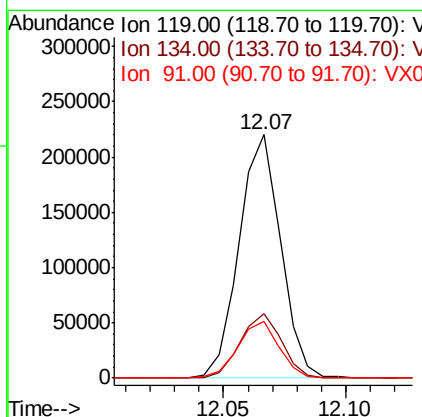
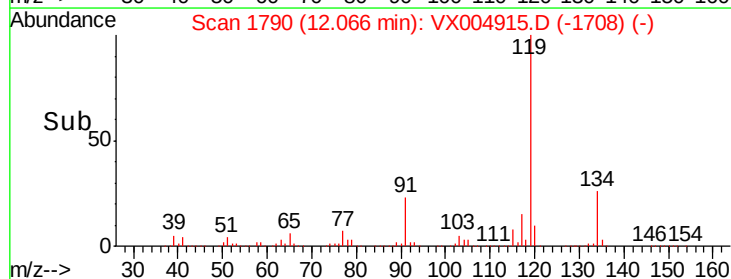
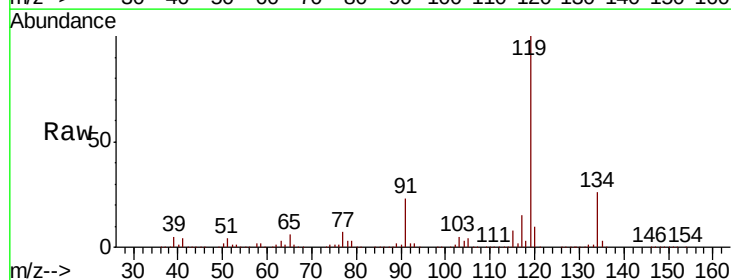
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100218

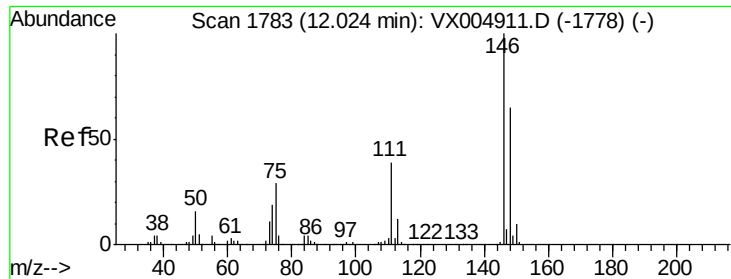
Tot Ion:105 Resp: 295137
 Ion Ratio Lower Upper
 105 100
 134 20.4 0.0 40.4



#82
 p-Isopropyltoluene
 Concen: 22.016 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. -0.00 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

Tgt Ion:119 Resp: 259624
 Ion Ratio Lower Upper
 119 100
 134 26.7 0.0 52.8
 91 23.0 0.0 45.8

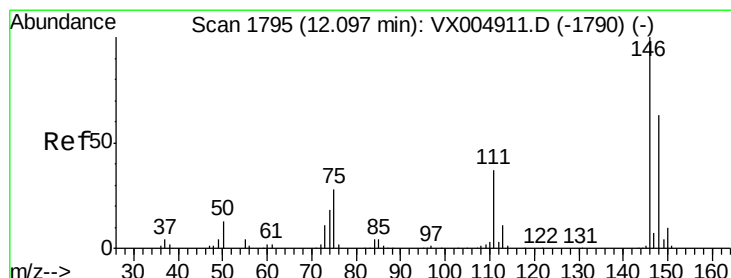
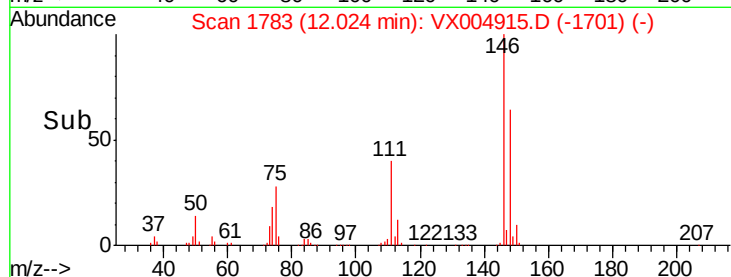
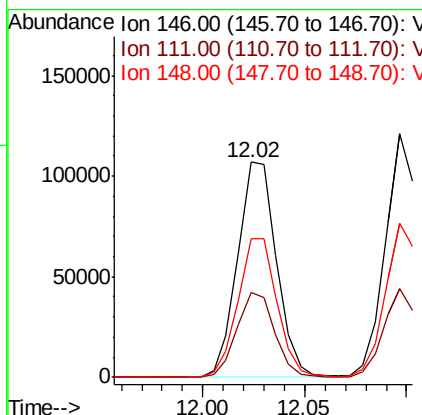
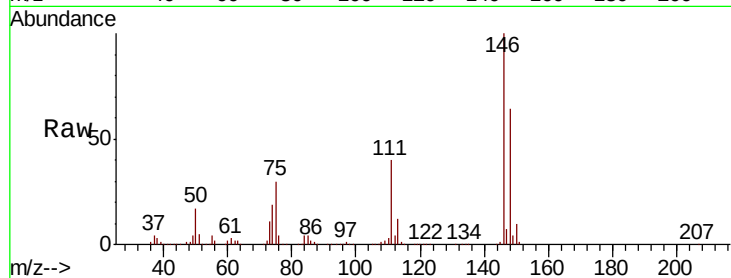




#83
 1,3-Dichlorobenzene
 Concen: 21.704 ug/l
 RT: 12.02 min Scan# 1783
 Delta R.T. -0.00 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

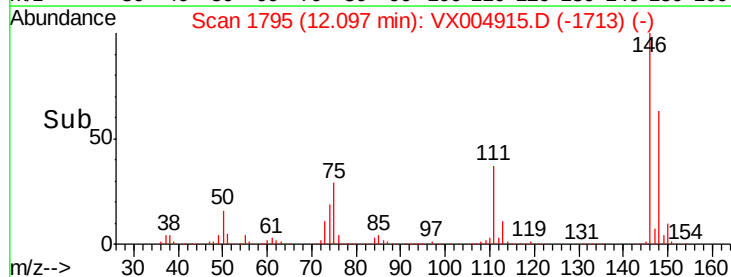
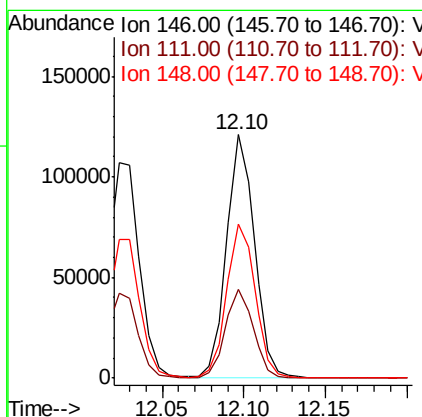
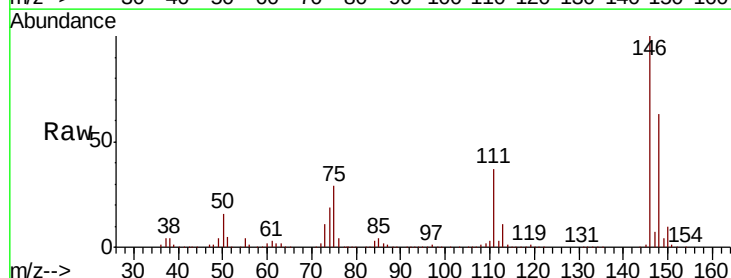
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100218

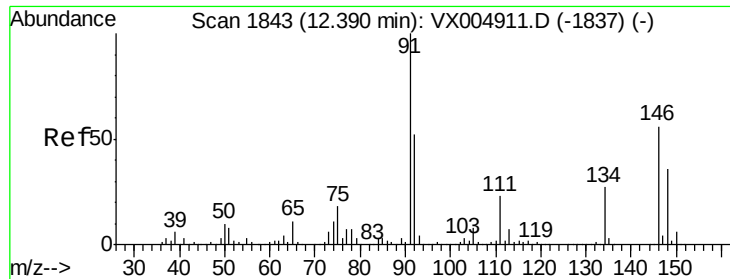
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.6	19.3	57.8
148	64.6	32.4	97.2



#84
 1,4-Dichlorobenzene
 Concen: 21.808 ug/l
 RT: 12.10 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

Tgt Ion	Ratio	Lower	Upper
146	100		
111	36.7	18.1	54.4
148	64.7	31.9	95.7





#85

n-Butylbenzene

Concen: 22.008 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. -0.00 min

Lab File: VX004915.D

Acq: 02 Oct 2018 12:33

Instrument :

MSVOA_X

ClientSampled :

ICVX100218

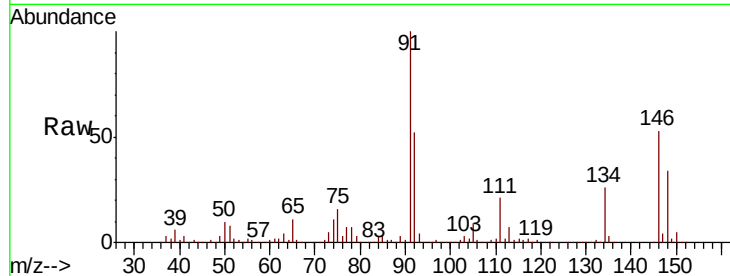
Tot Ion: 91 Resp: 235724

Ion Ratio Lower Upper

91 100

92 52.1 0.0 103.6

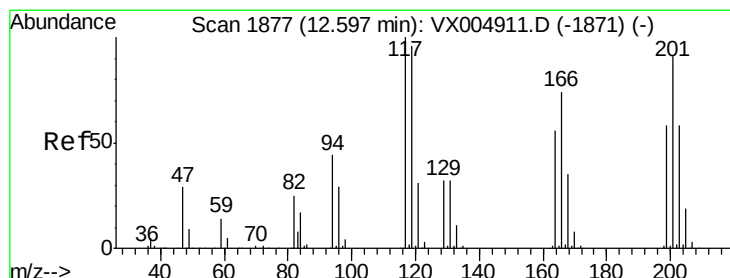
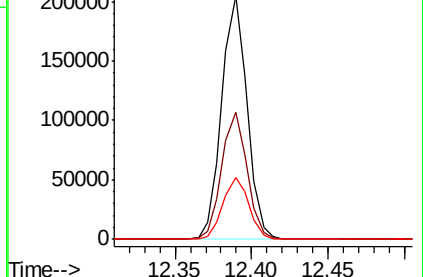
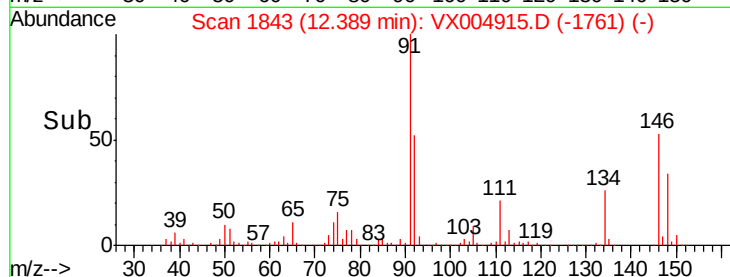
134 26.2 0.0 52.2



Abundance Ion 91.00 (90.70 to 91.70): VX004911.D (-1837) (-)

Ion 92.00 (91.70 to 92.70): VX004911.D (-1837) (-)

Ion 134.00 (133.70 to 134.70): VX004911.D (-1837) (-)



#86

Hexachloroethane

Concen: 20.881 ug/l

RT: 12.60 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX004915.D

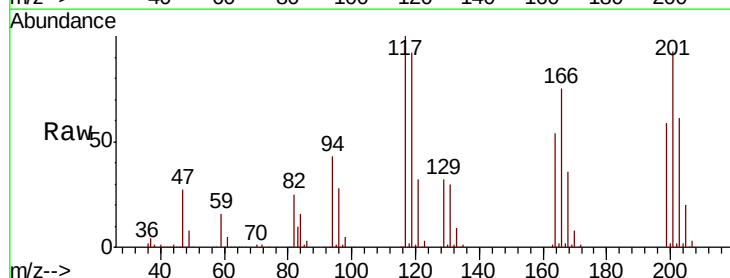
Acq: 02 Oct 2018 12:33

Tgt Ion: 117 Resp: 40559

Ion Ratio Lower Upper

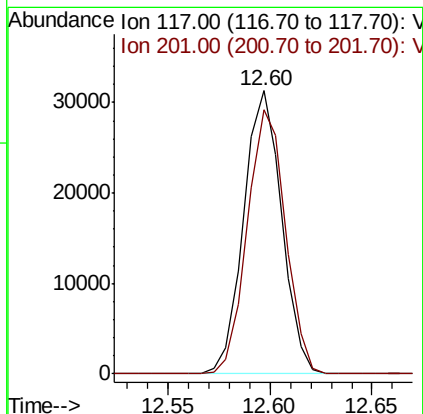
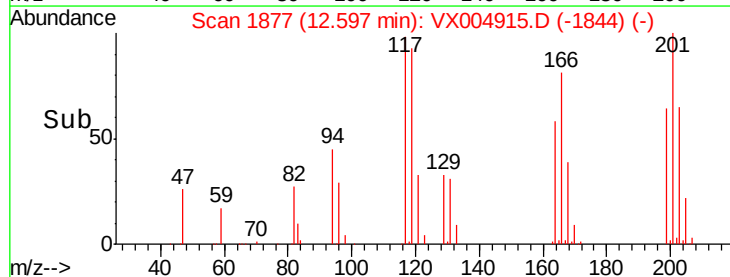
117 100

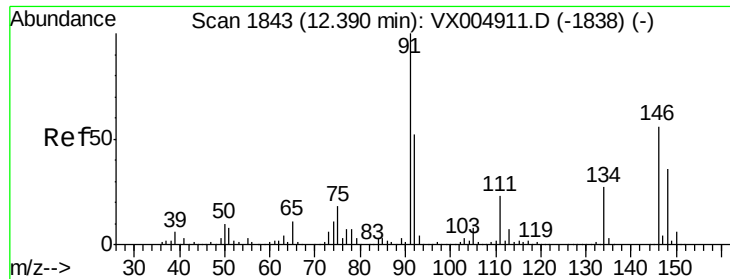
201 93.9 47.1 141.4



Abundance Ion 117.00 (116.70 to 117.70): VX004911.D (-1871) (-)

Ion 201.00 (200.70 to 201.70): VX004911.D (-1871) (-)

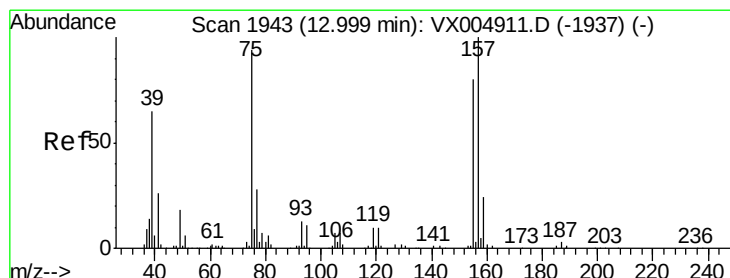
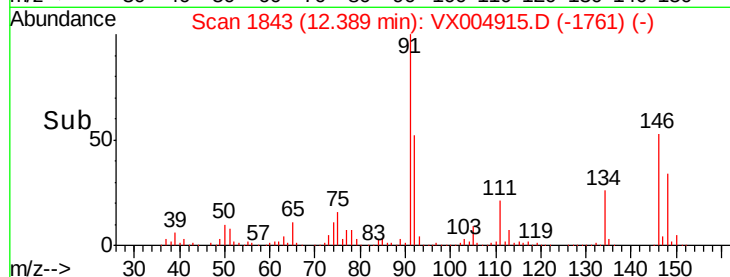
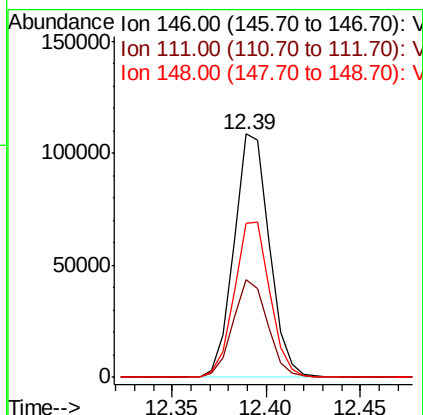
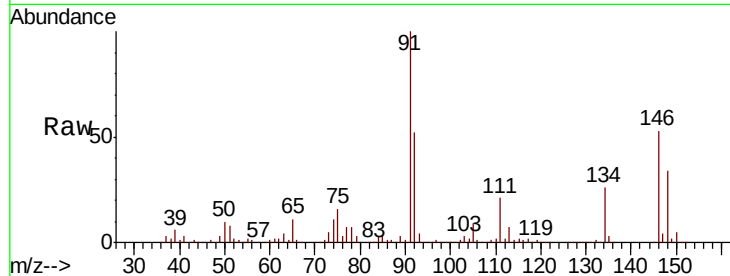




#87
 1,2-Dichlorobenzene
 Concen: 21.202 ug/l
 RT: 12.39 min Scan# 1843
 Delta R.T. -0.00 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

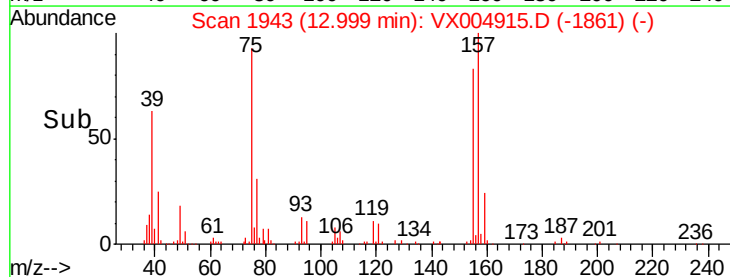
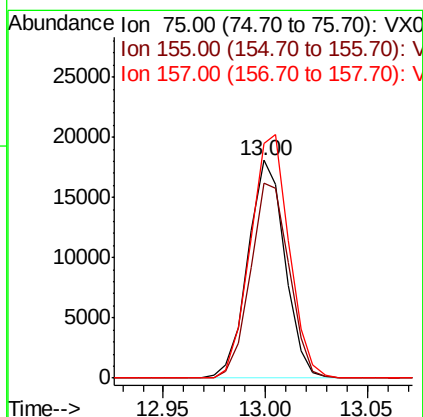
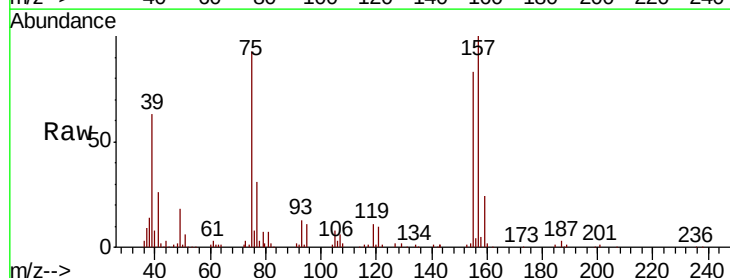
Instrument :
 MSVOA_X
 ClientSampled :
 ICVVX100218

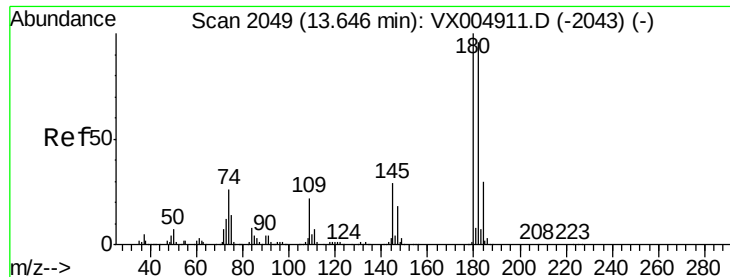
Tot Ion:146 Resp: 141081
 Ion Ratio Lower Upper
 146 100
 111 39.4 19.6 58.7
 148 64.5 31.9 95.9



#88
 1,2-Dibromo-3-Chloropropane
 Concen: 20.664 ug/l
 RT: 13.00 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

Tgt Ion: 75 Resp: 22840
 Ion Ratio Lower Upper
 75 100
 155 93.5 71.6 107.4
 157 117.0 91.3 136.9

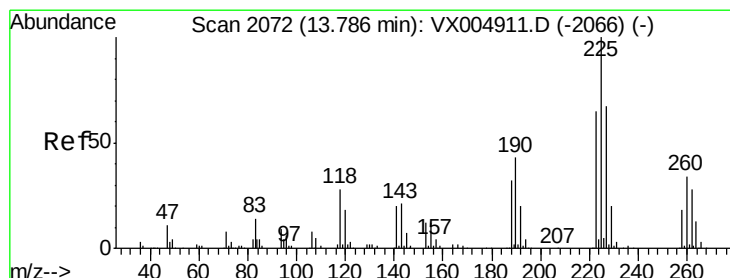
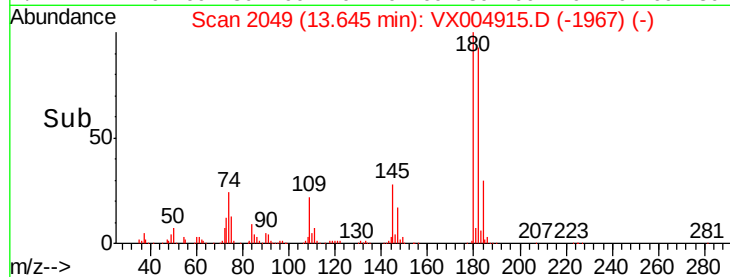
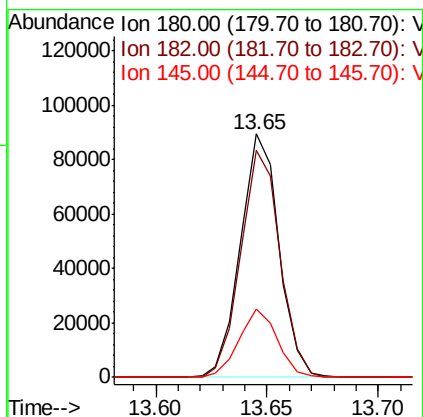
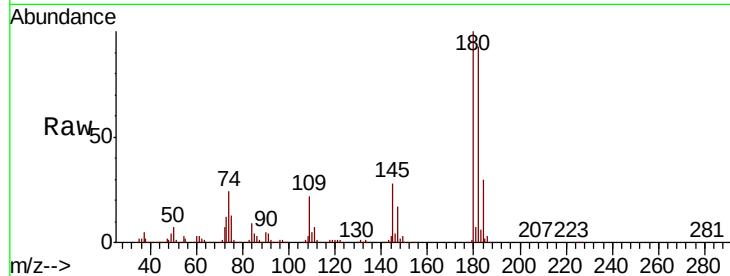




#89
 1,2,4-Trichlorobenzene
 Concen: 21.833 ug/l
 RT: 13.65 min Scan# 2049
 Delta R.T. -0.00 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

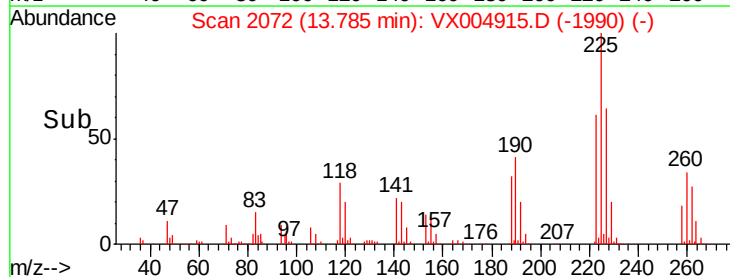
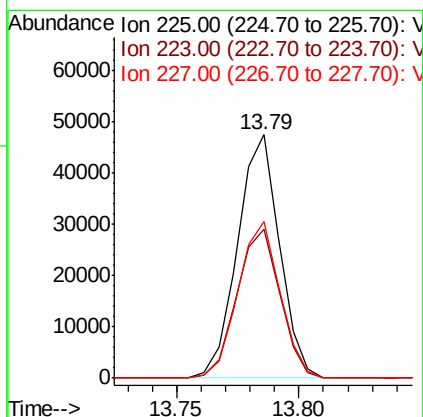
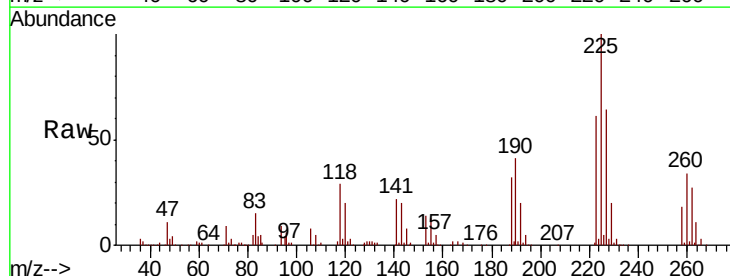
Instrument :
 MSVOA_X
 ClientSampleId :
 ICVVX100218

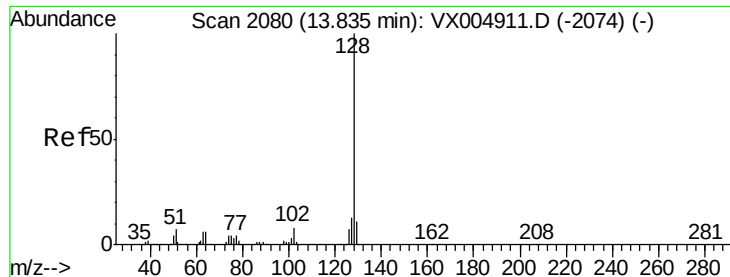
Tot Ion:180 Resp: 108375
 Ion Ratio Lower Upper
 180 100
 182 94.3 76.8 115.2
 145 27.8 22.6 33.8



#90
 Hexachlorobutadiene
 Concen: 23.187 ug/l
 RT: 13.79 min Scan# 2072
 Delta R.T. -0.00 min
 Lab File: VX004915.D
 Acq: 02 Oct 2018 12:33

Tgt Ion:225 Resp: 56822
 Ion Ratio Lower Upper
 225 100
 223 62.8 0.0 126.6
 227 64.1 0.0 129.6

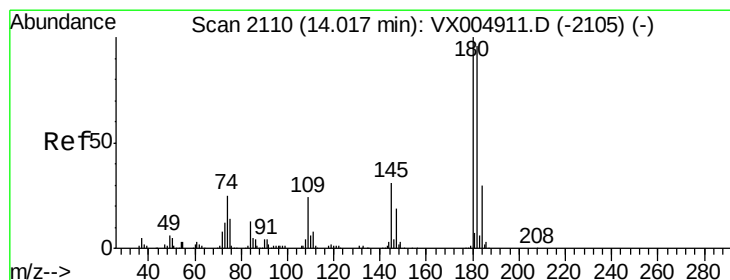
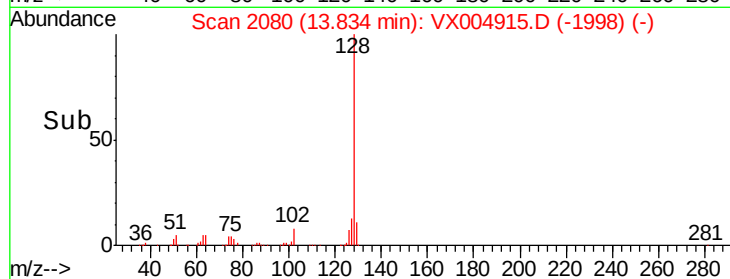
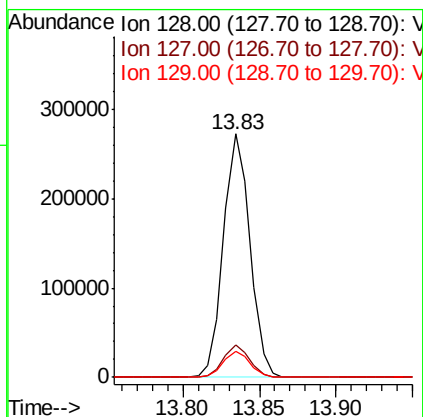
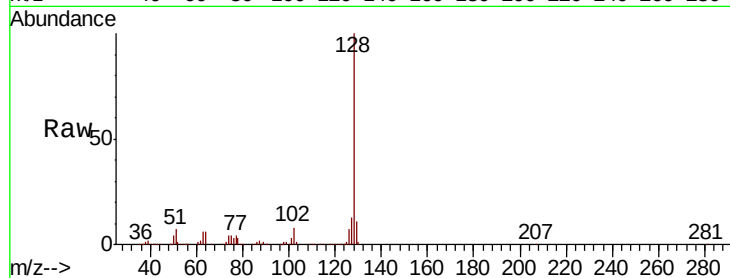




#91
Naphthalene
Concen: 21.223 ug/l
RT: 13.83 min Scan# 2080
Delta R.T. -0.00 min
Lab File: VX004915.D
Acq: 02 Oct 2018 12:33

Instrument :
MSVOA_X
ClientSampleId :
ICVVX100218

Tot Ion:128 Resp: 327576
Ion Ratio Lower Upper
128 100
127 13.0 10.5 15.7
129 10.8 8.6 13.0



#92
1,2,3-Trichlorobenzene
Concen: 21.382 ug/l
RT: 14.02 min Scan# 2111
Delta R.T. 0.01 min
Lab File: VX004915.D
Acq: 02 Oct 2018 12:33

Tgt Ion:180 Resp: 108834
Ion Ratio Lower Upper
180 100
182 96.7 0.0 192.2
145 30.1 0.0 60.4

