

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071818\
 Data File : VX003459.D
 Acq On : 18 Jul 2018 20:28
 Operator : JC/MD
 Sample : VSTDCCC050EC
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jul 19 01:44:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	82989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	118566	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	115835	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	77636	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	200892	184.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	369.70%	
35) Dibromofluoromethane	5.51	113	174734	182.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	364.28%	
50) Toluene-d8	8.72	98	670919	189.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	379.02%	
62) 4-Bromofluorobenzene	11.14	95	243682	192.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	385.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	156048	166.59	ug/l	98
3) Chloromethane	1.32	50	162149	159.95	ug/l	99
4) Vinyl Chloride	1.40	62	177803	160.94	ug/l	100
5) Bromomethane	1.64	94	74031	212.57	ug/l	99
6) Chloroethane	1.72	64	108108	183.00	ug/l	100
7) Trichlorofluoromethane	1.93	101	245807	167.73	ug/l	99
8) Diethyl Ether	2.19	74	101950	162.59	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.38	101	151336	163.49	ug/l	98
10) Methyl Iodide	2.51	142	179151	180.91	ug/l	93
11) Tert butyl alcohol	3.08	59	182926	748.43	ug/l	100
12) 1,1-Dichloroethene	2.37	96	140944	161.12	ug/l	90
13) Acrolein	2.29	56	106632	909.49	ug/l	100
14) Allyl chloride	2.73	41	258749	163.06	ug/l	87
15) Acrylonitrile	3.15	53	449919	803.48	ug/l	98
16) Acetone	2.45	43	355594	786.63	ug/l #	88
17) Carbon Disulfide	2.57	76	361350	150.55	ug/l	99
18) Methyl Acetate	2.78	43	280386	190.44	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	492584	169.58	ug/l	100
20) Methylene Chloride	2.86	84	163794	163.48	ug/l	93
21) trans-1,2-Dichloroethene	3.17	96	152104	160.98	ug/l	94
22) Diisopropyl ether	3.88	45	487016	158.23	ug/l	95
23) Vinyl Acetate	3.83	43	1955449	770.31	ug/l	96
24) 1,1-Dichloroethane	3.70	63	295541	169.25	ug/l	100
25) 2-Butanone	4.71	43	557939	788.66	ug/l	94
26) 2,2-Dichloropropane	4.59	77	155117	126.56	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	164049	161.38	ug/l	96
28) Bromochloromethane	5.02	49	144555	190.68	ug/l	90
29) Tetrahydrofuran	5.17	42	362117	807.11	ug/l	93
30) Chloroform	5.22	83	272669	169.46	ug/l	99
31) Cyclohexane	5.57	56	223480	165.73	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	232177	169.66	ug/l	98
36) 1,1-Dichloropropene	5.80	75	193924	161.51	ug/l	98
37) Ethyl Acetate	4.87	43	209269	154.67	ug/l	96
38) Carbon Tetrachloride	5.78	117	203867	166.86	ug/l	98

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	223930	162.93	ug/l	95
40) Benzene	6.15	78	608589	166.60	ug/l	99
41) Methacrylonitrile	5.07	41	123616	166.15	ug/l	93
42) 1,2-Dichloroethane	6.20	62	208707	166.59	ug/l	97
43) Isopropyl Acetate	6.47	43	336242	164.66	ug/l	94
44) Trichloroethene	7.21	130	173430	163.88	ug/l	98
45) 1,2-Dichloropropane	7.52	63	161100	169.53	ug/l	100
46) Dibromomethane	7.67	93	105368	166.52	ug/l	99
47) Bromodichloromethane	7.90	83	201423	173.83	ug/l	97
48) Methyl methacrylate	7.78	41	180362	173.13	ug/l	87
49) 1,4-Dioxane	7.76	88	70913	2972.95	ug/l	96
51) 4-Methyl-2-Pentanone	8.65	43	1141898	849.50	ug/l	93
52) Toluene	8.79	92	388953	170.05	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	233003	170.31	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	211713	169.56	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	163312	170.90	ug/l	98
56) Ethyl methacrylate	9.18	69	236209	174.58	ug/l #	85
57) 1,3-Dichloropropane	9.38	76	264363	172.17	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	589354	868.64	ug/l	98
59) 2-Hexanone	9.50	43	868399	840.84	ug/l	90
60) Dibromochloromethane	9.59	129	166745	175.61	ug/l	99
61) 1,2-Dibromoethane	9.68	107	169829	172.41	ug/l	100
64) Tetrachloroethene	9.34	164	204925	169.10	ug/l	97
65) Chlorobenzene	10.14	112	444777	162.54	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	163759	168.35	ug/l	99
67) Ethyl Benzene	10.26	91	746419	166.89	ug/l	100
68) m/p-Xylenes	10.36	106	576290	333.11	ug/l	97
69) o-Xylene	10.70	106	281801	169.59	ug/l	96
70) Styrene	10.71	104	466680	170.65	ug/l	98
71) Bromoform	10.86	173	129314	165.27	ug/l #	100
73) Isopropylbenzene	11.02	105	752258	151.33	ug/l	100
74) N-amyl acetate	6.47	43	336242	140.65	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	236453	144.10	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	275197	195.80	ug/l	80
77) Bromobenzene	11.26	156	209072	148.08	ug/l	98
78) n-propylbenzene	11.37	91	850308	153.11	ug/l	99
79) 2-Chlorotoluene	11.43	91	509434	149.62	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	634480	156.25	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	61101	141.23	ug/l	91
82) 4-Chlorotoluene	11.51	91	595002	149.78	ug/l	98
83) tert-Butylbenzene	11.77	119	621264	156.54	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	650320	155.90	ug/l	98
85) sec-Butylbenzene	11.95	105	741704	154.06	ug/l	100
86) p-Isopropyltoluene	12.07	119	686933	160.29	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	391969	151.68	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	392483	149.57	ug/l	98
89) n-Butylbenzene	12.39	91	570113	156.17	ug/l	99
90) Hexachloroethane	12.60	117	100878	155.35	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	397217	153.05	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	50129	146.85	ug/l	92

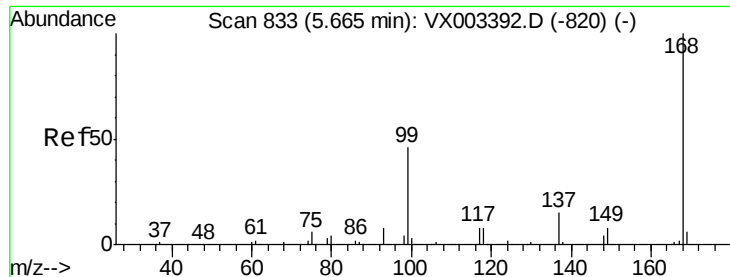
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	264142	148.74	ug/l	100
94) Hexachlorobutadiene	13.79	225	125760	147.11	ug/l	98
95) Naphthalene	13.83	128	788944	154.99	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	269480	147.52	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

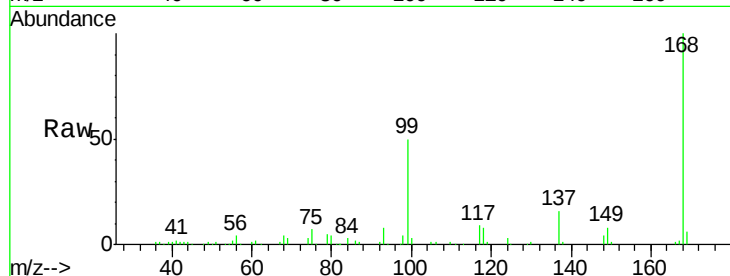
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 82989

Ion Ratio Lower Upper

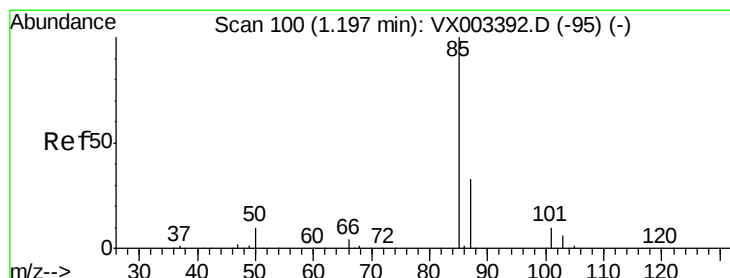
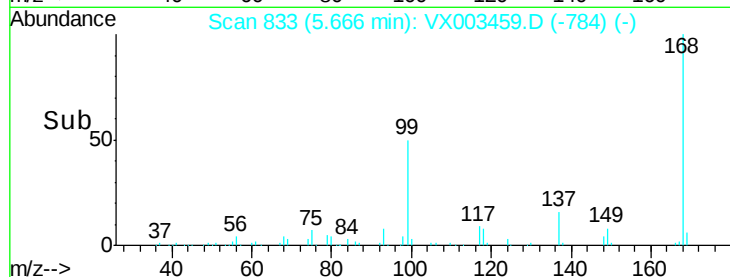
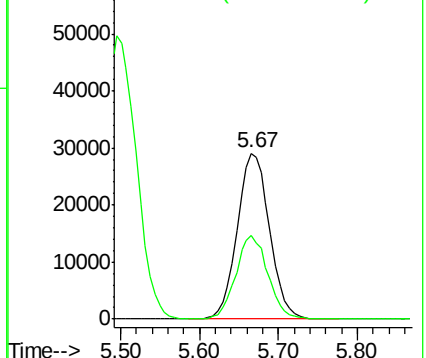
168 100

99 50.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 166.59 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX003459.D

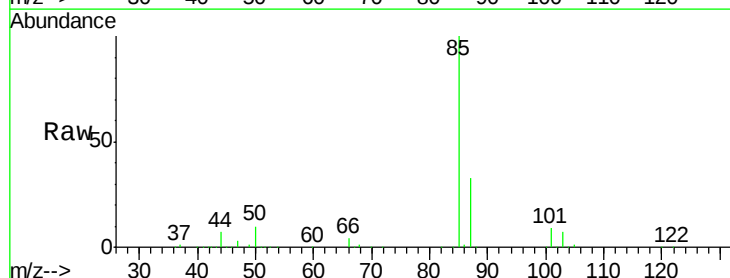
Acq: 18 Jul 2018 20:28

Tgt Ion: 85 Resp: 156048

Ion Ratio Lower Upper

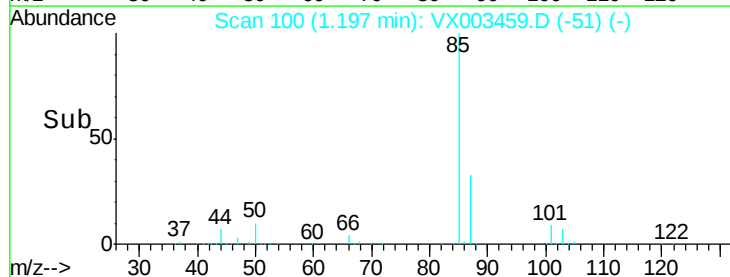
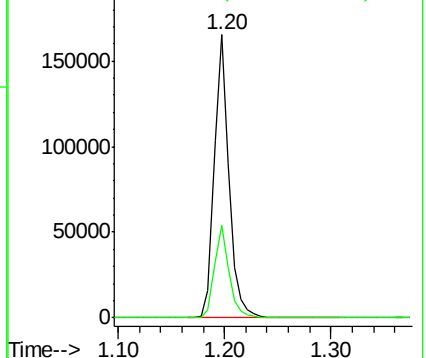
85 100

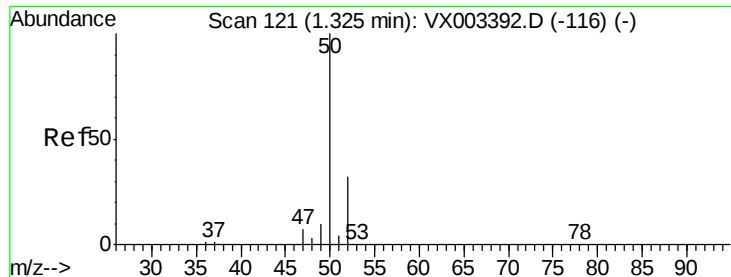
87 32.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

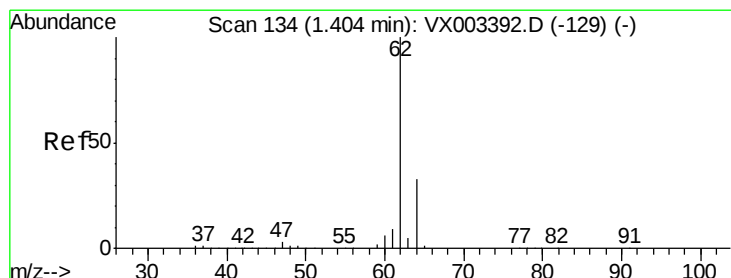
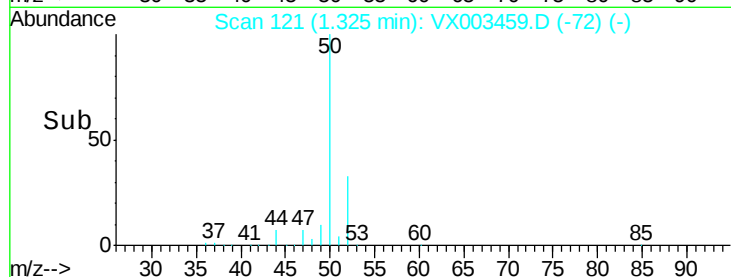
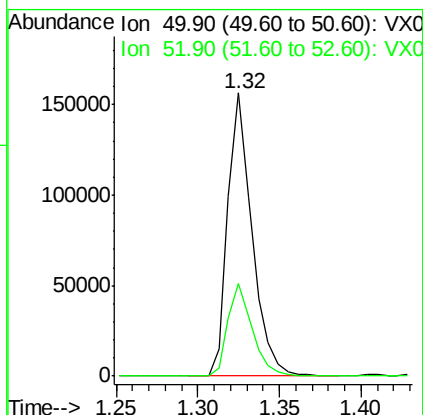
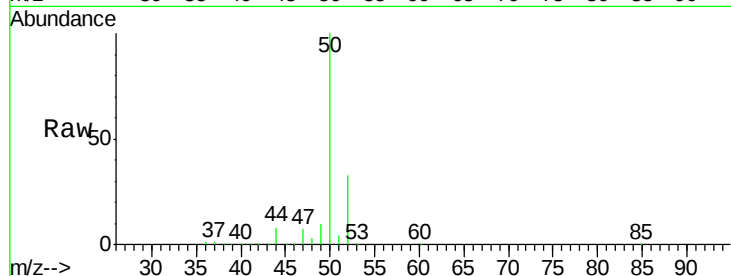




#3
Chloromethane
Concen: 159.95 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX003459.D
Acq: 18 Jul 2018 20:28

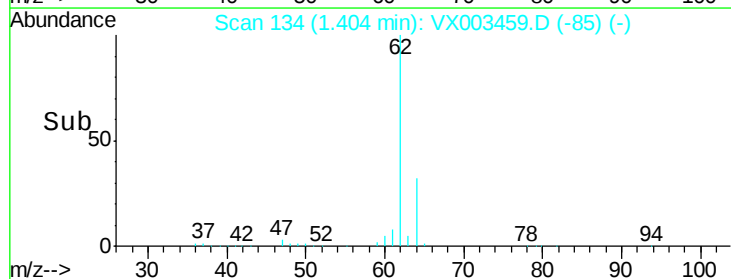
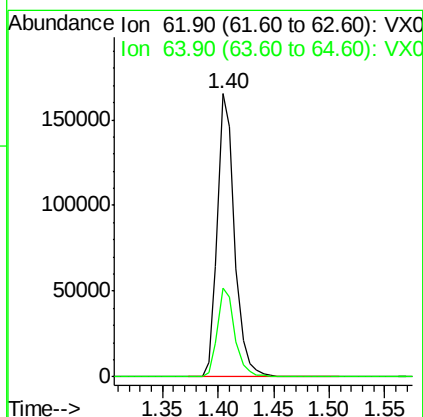
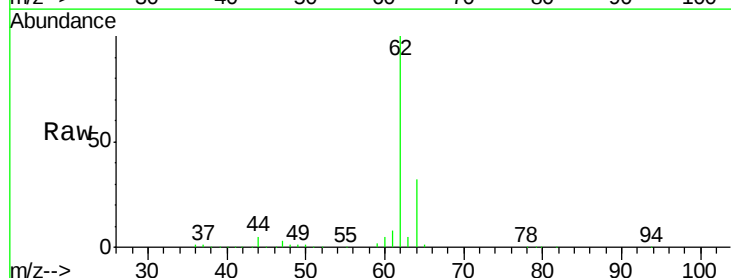
Instrument :
MSVOA_X
ClientSampleId :

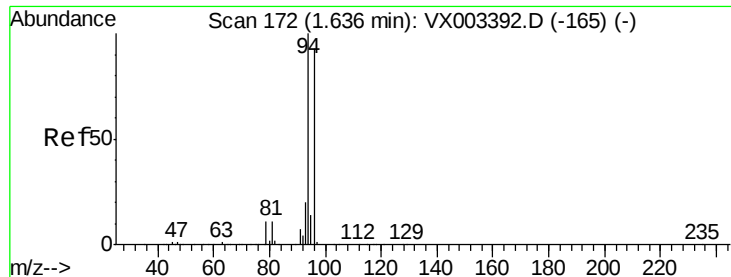
Tot Ion: 50 Resp: 162149
Ion Ratio Lower Upper
50 100
52 32.6 25.7 38.5



#4
Vinyl Chloride
Concen: 160.94 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX003459.D
Acq: 18 Jul 2018 20:28

Tgt Ion: 62 Resp: 177803
Ion Ratio Lower Upper
62 100
64 31.5 25.4 38.2





#5

Bromomethane

Concen: 212.57 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :

MSVOA_X

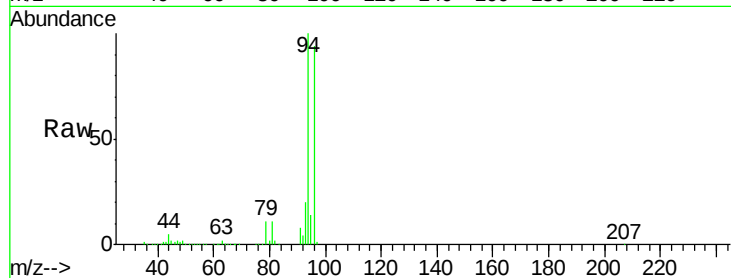
ClientSampled :

Tot Ion: 94 Resp: 74031

Ion Ratio Lower Upper

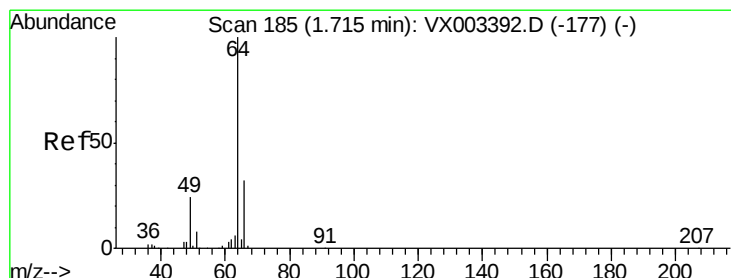
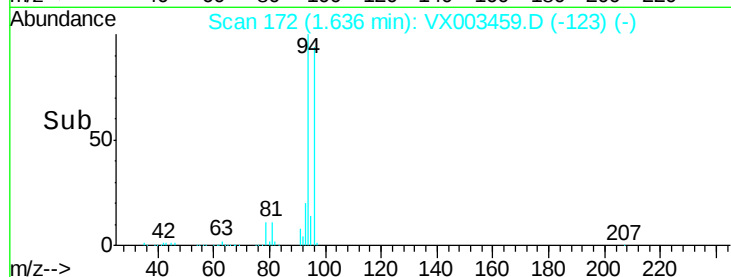
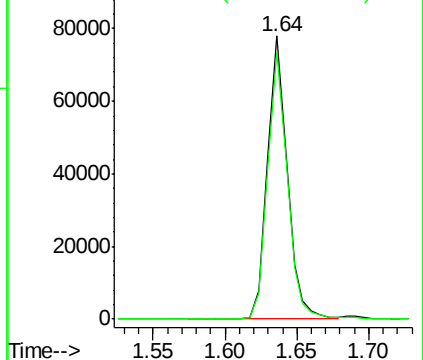
94 100

96 94.5 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 183.00 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.01 min

Lab File: VX003459.D

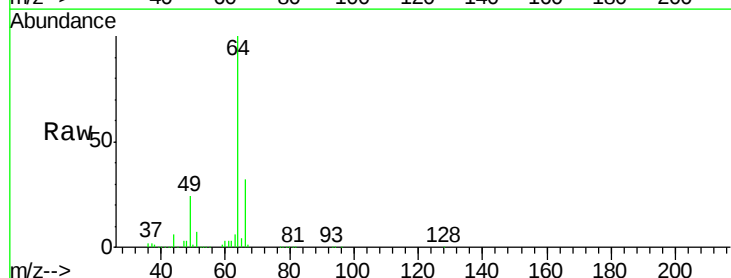
Acq: 18 Jul 2018 20:28

Tgt Ion: 64 Resp: 108108

Ion Ratio Lower Upper

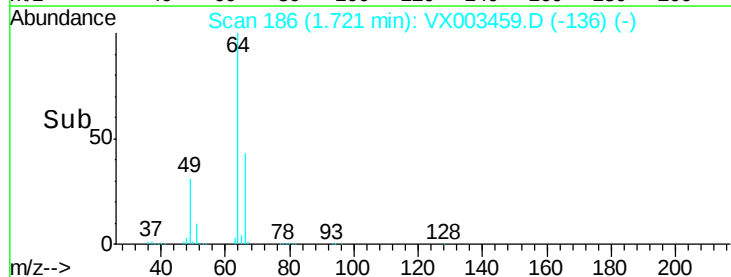
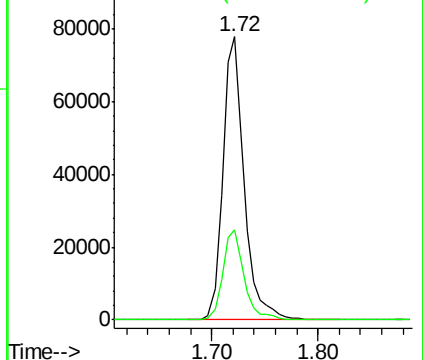
64 100

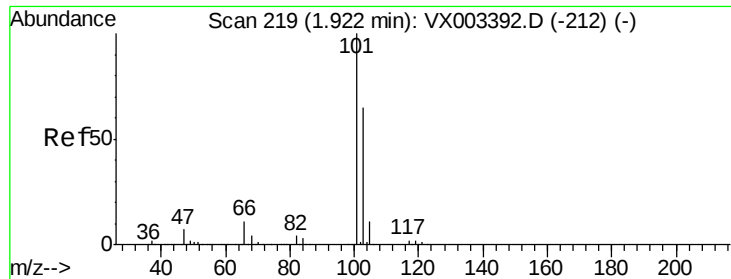
66 31.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



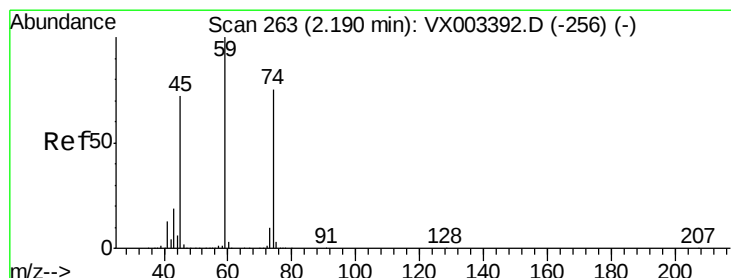
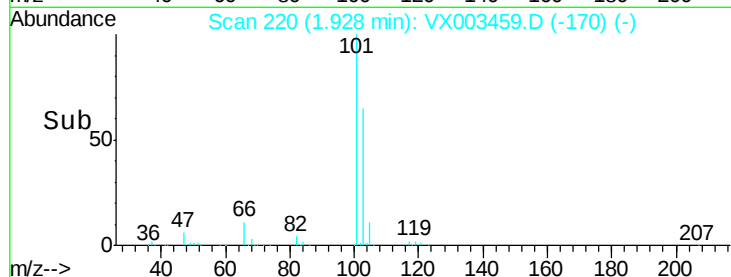
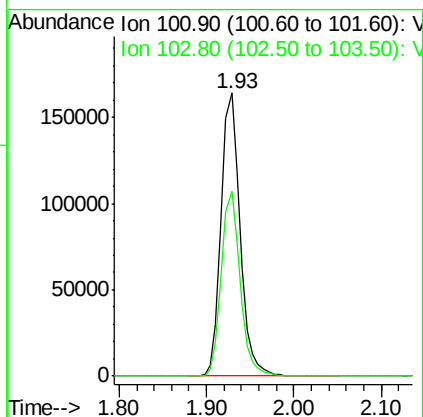
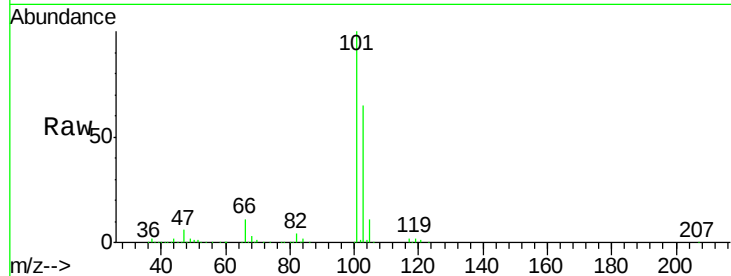


#7

Trichlorofluoromethane
 Concen: 167.73 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX003459.D
 Acq: 18 Jul 2018 20:28

Instrument :
 MSVOA_X
 ClientSampleId :

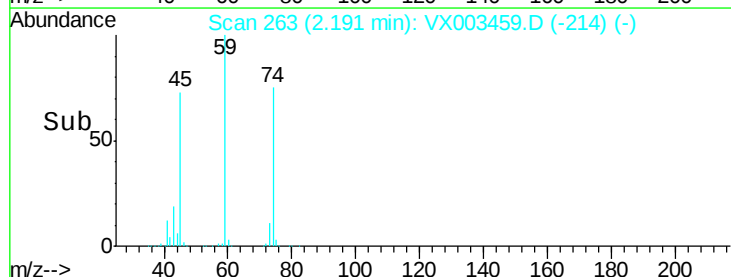
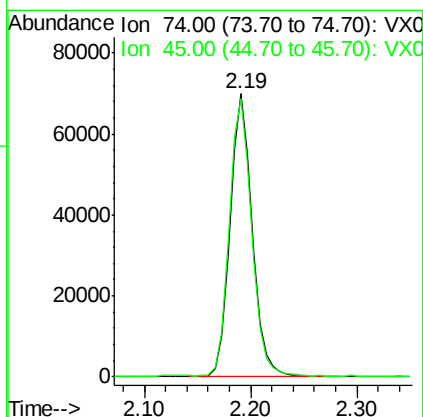
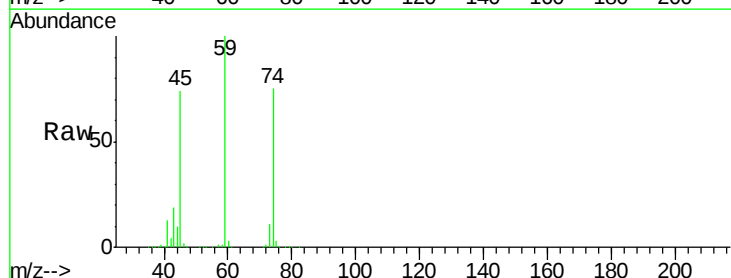
Tot Ion:101 Resp: 245807
 Ion Ratio Lower Upper
 101 100
 103 65.4 52.8 79.2

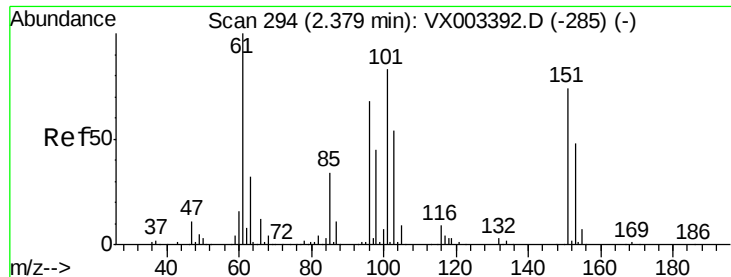


#8

Diethyl Ether
 Concen: 162.59 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX003459.D
 Acq: 18 Jul 2018 20:28

Tgt Ion: 74 Resp: 101950
 Ion Ratio Lower Upper
 74 100
 45 99.3 53.1 159.4

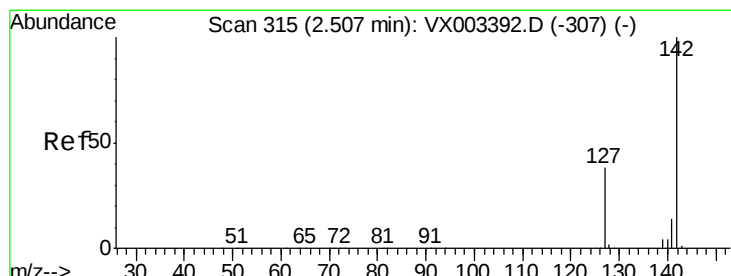
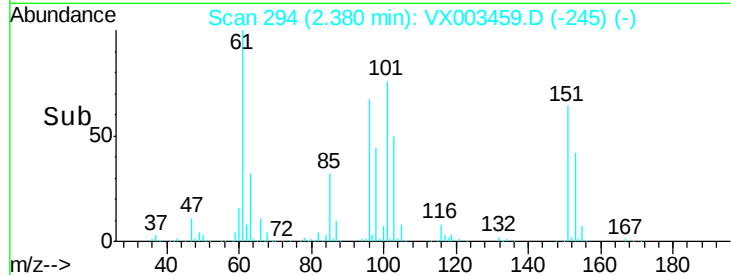
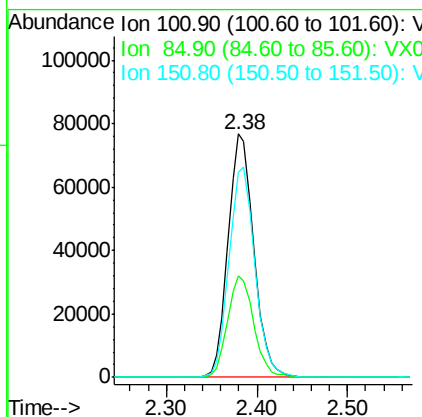
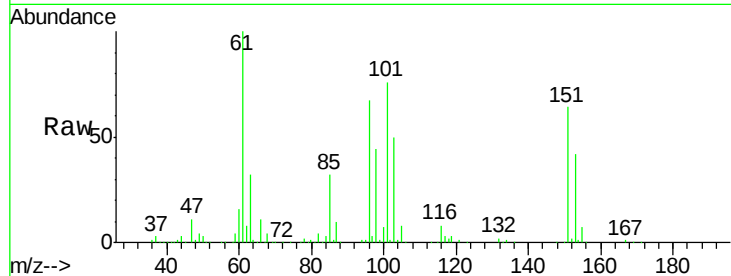




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 163.49 ug/l
 RT: 2.38 min Scan# 294
 Delta R.T. 0.00 min
 Lab File: VX003459.D
 Acq: 18 Jul 2018 20:28

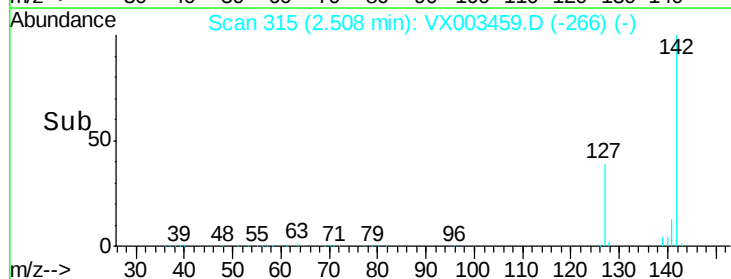
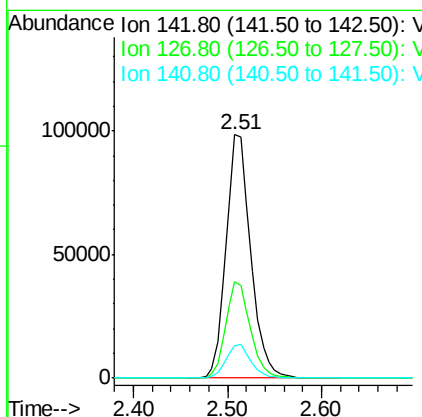
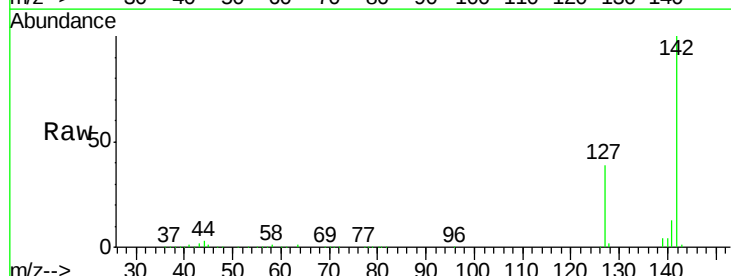
Instrument :
 MSVOA_X
 ClientSampleId :

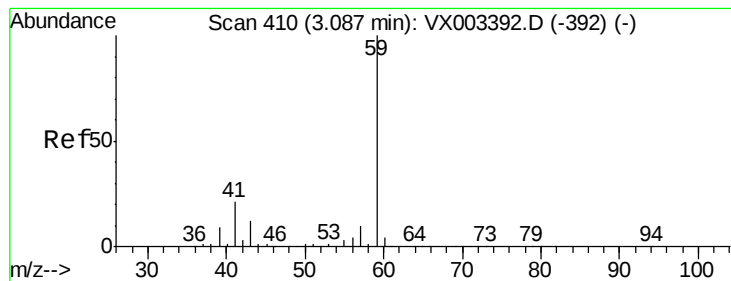
Tot Ion:101 Resp: 151336
 Ion Ratio Lower Upper
 101 100
 85 42.3 36.0 54.0
 151 87.0 70.9 106.3



#10
 Methyl Iodide
 Concen: 180.91 ug/l
 RT: 2.51 min Scan# 315
 Delta R.T. 0.00 min
 Lab File: VX003459.D
 Acq: 18 Jul 2018 20:28

Tgt Ion:142 Resp: 179151
 Ion Ratio Lower Upper
 142 100
 127 39.5 36.6 55.0
 141 13.9 11.3 16.9



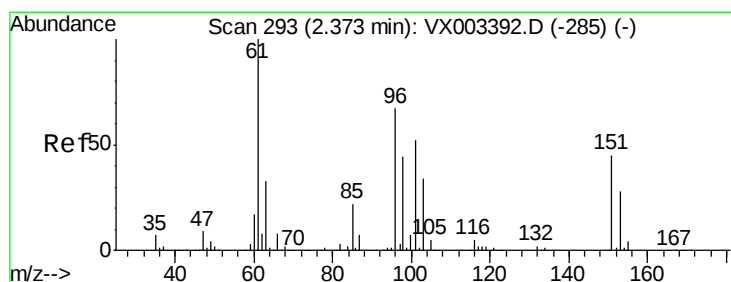
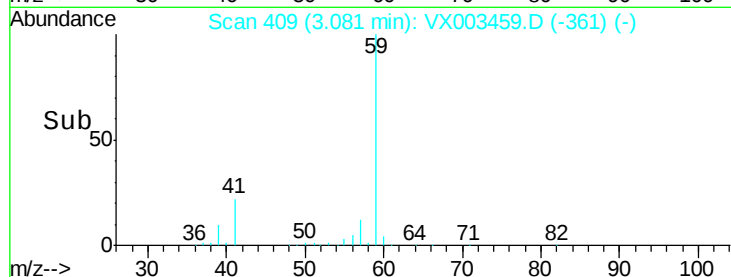
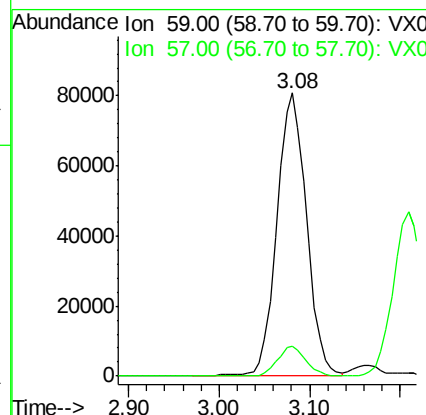
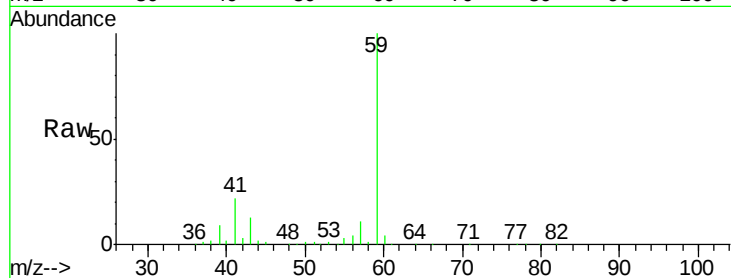


#11

Tert butyl alcohol
 Concen: 748.43 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.01 min
 Lab File: VX003459.D
 Acq: 18 Jul 2018 20:28

Instrument :
 MSVOA_X
 ClientSampleId :

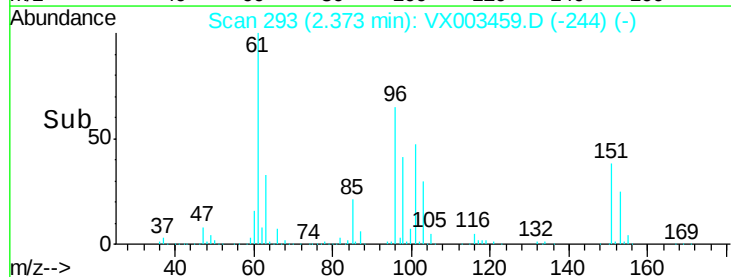
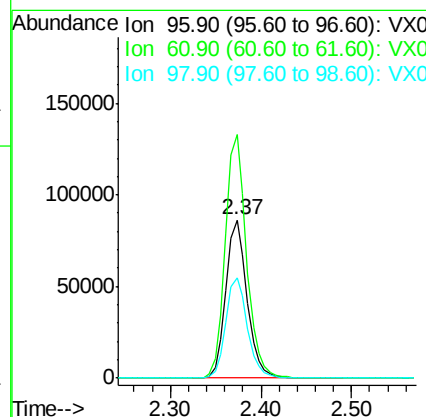
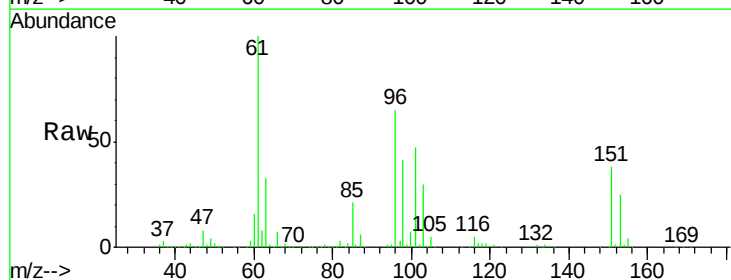
Tot Ion: 59 Resp: 182926
 Ion Ratio Lower Upper
 59 100
 57 10.1 8.2 12.2

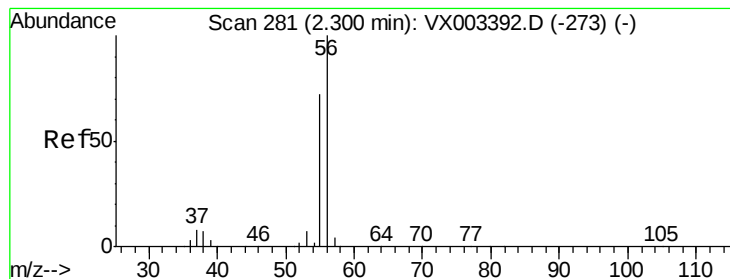


#12

1,1-Dichloroethene
 Concen: 161.12 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. 0.00 min
 Lab File: VX003459.D
 Acq: 18 Jul 2018 20:28

Tgt Ion: 96 Resp: 140944
 Ion Ratio Lower Upper
 96 100
 61 153.8 137.9 206.9
 98 63.5 51.6 77.4





#13

Acrolein

Concen: 909.49 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :

MSVOA_X

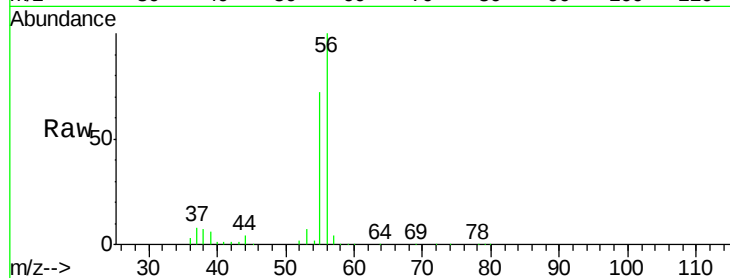
ClientSampleId :

Tot Ion: 56 Resp: 106632

Ion Ratio Lower Upper

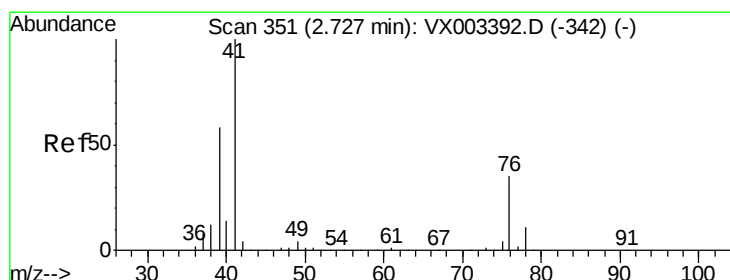
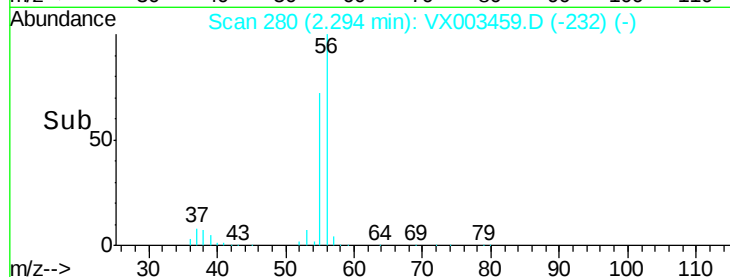
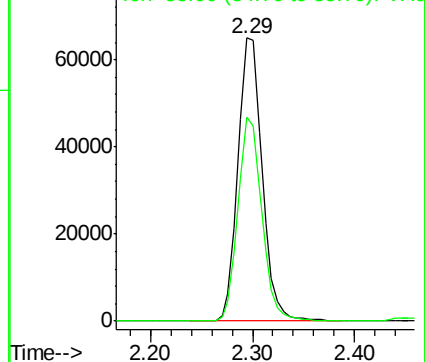
56 100

55 71.4 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 163.06 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

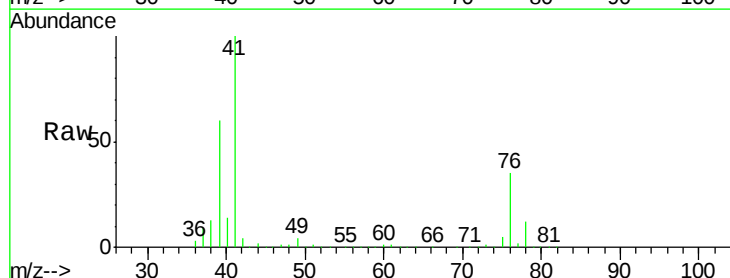
Tgt Ion: 41 Resp: 258749

Ion Ratio Lower Upper

41 100

39 57.5 56.8 85.2

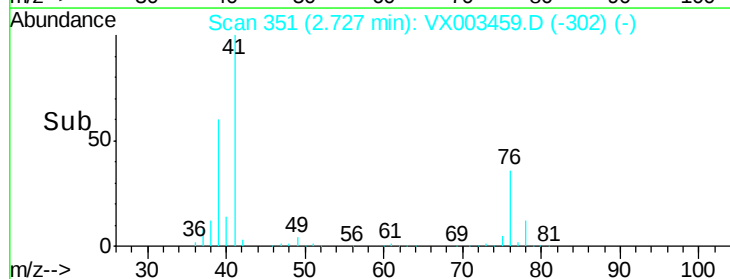
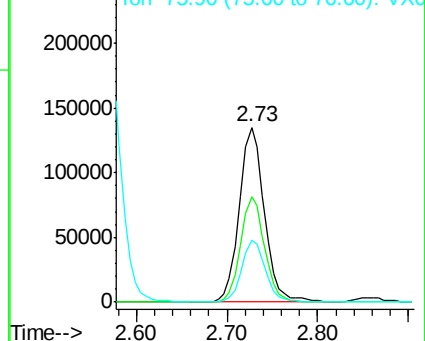
76 33.1 23.8 35.8

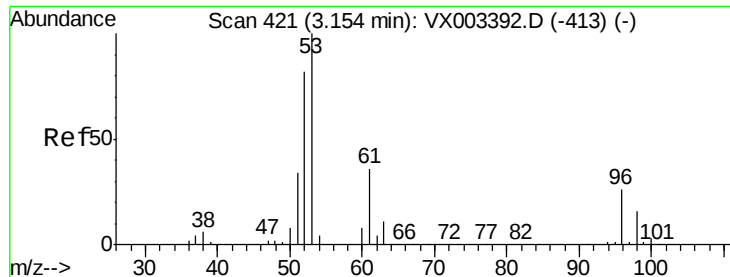


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 803.48 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :

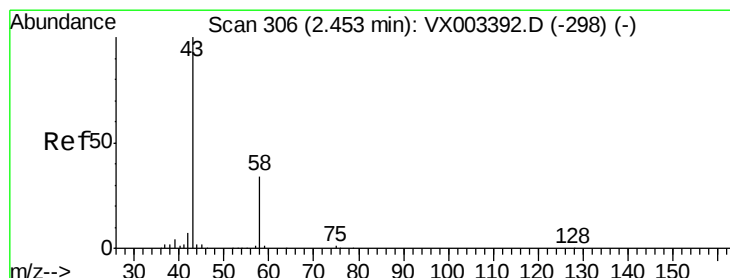
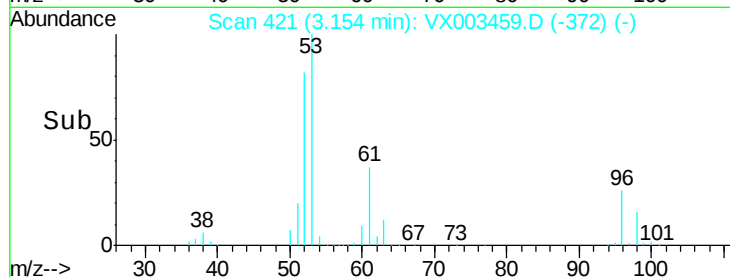
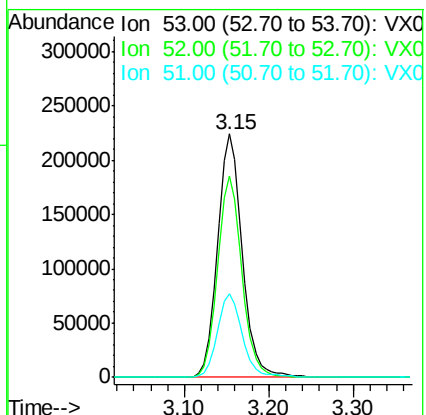
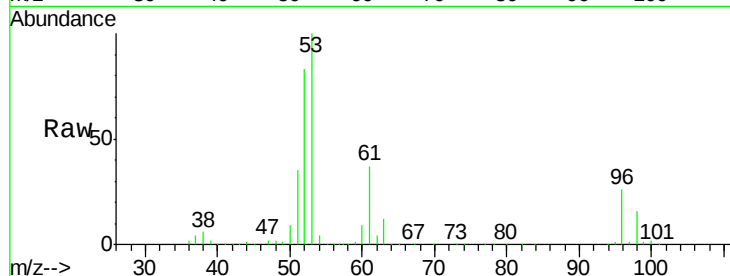
Tot Ion: 53 Resp: 449919

Ion Ratio Lower Upper

53 100

52 81.9 66.7 100.1

51 35.0 29.9 44.9



#16

Acetone

Concen: 786.63 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX003459.D

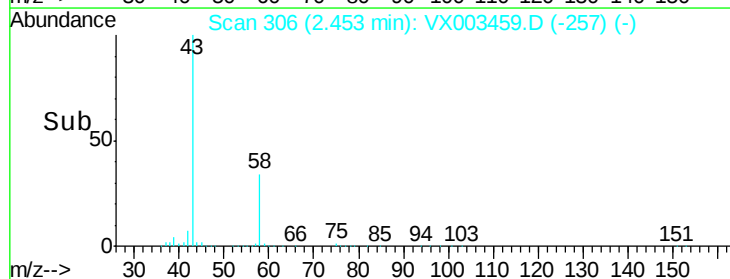
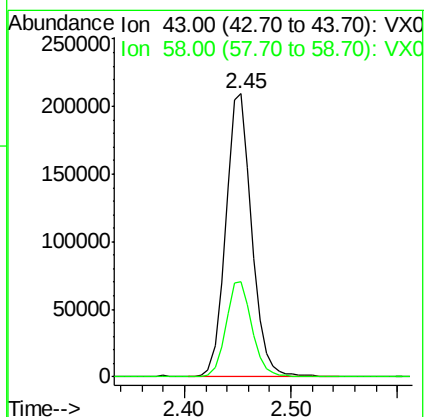
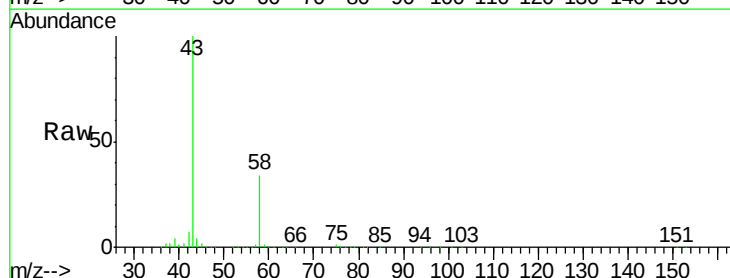
Acq: 18 Jul 2018 20:28

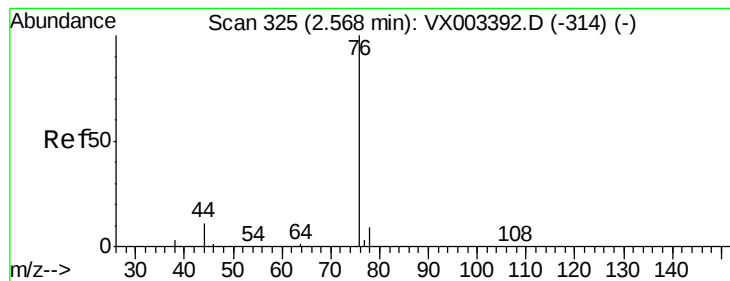
Tgt Ion: 43 Resp: 355594

Ion Ratio Lower Upper

43 100

58 33.8 22.1 33.1#





#17

Carbon Disulfide

Concen: 150.55 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :

MSVOA_X

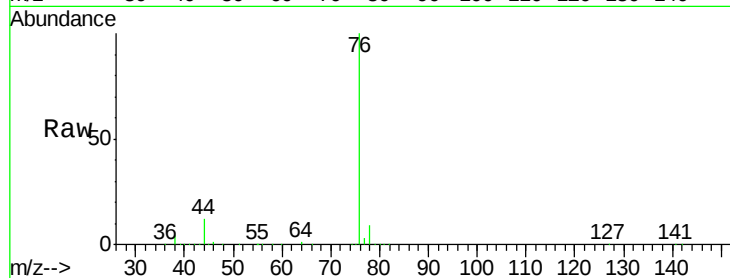
ClientSampleId :

Tot Ion: 76 Resp: 361350

Ion Ratio Lower Upper

76 100

78 9.0 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

250000

200000

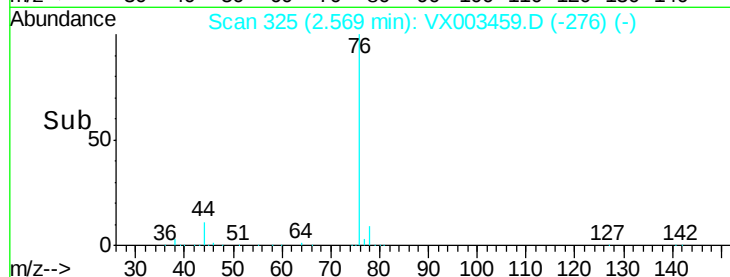
150000

100000

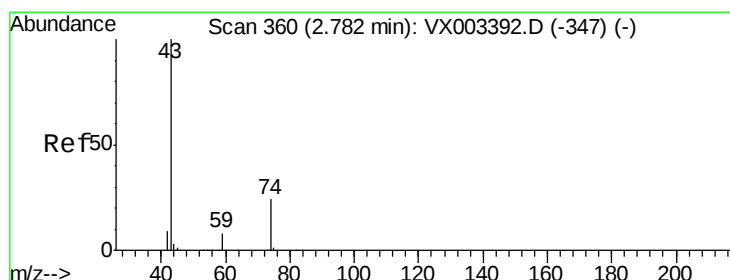
50000

0

Time-->



Time-->



#18

Methyl Acetate

Concen: 190.44 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX003459.D

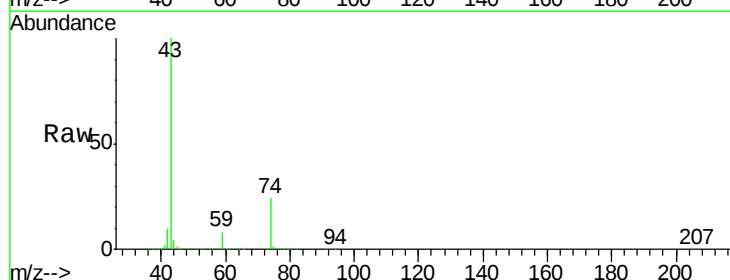
Acq: 18 Jul 2018 20:28

Tgt Ion: 43 Resp: 280386

Ion Ratio Lower Upper

43 100

74 23.2 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

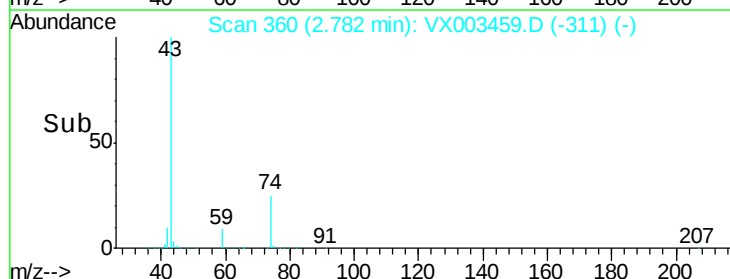
150000

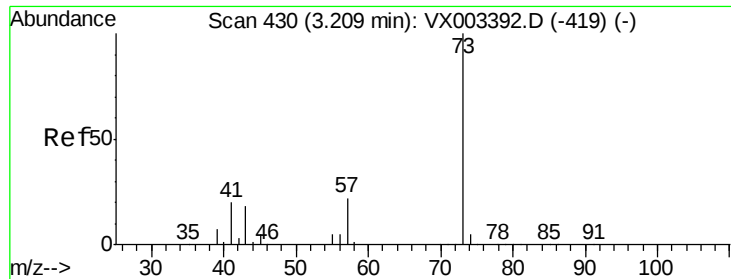
100000

50000

0

Time-->

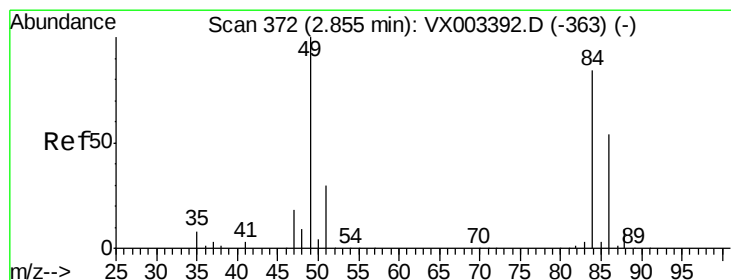
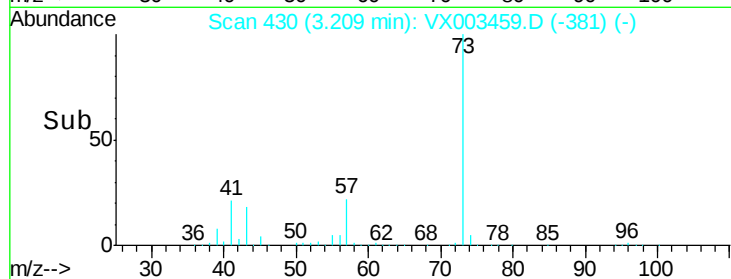
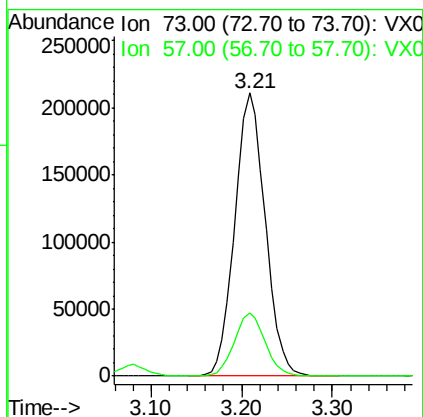
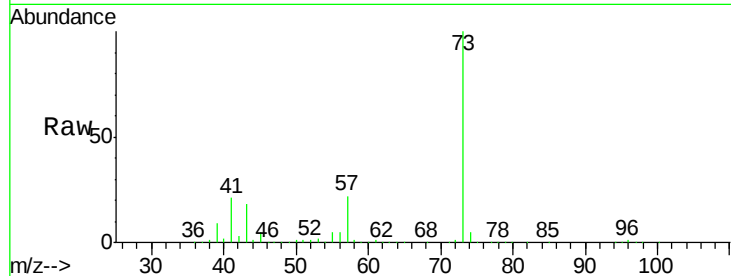




#19
Methyl tert-butyl Ether
Concen: 169.58 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX003459.D
Acq: 18 Jul 2018 20:28

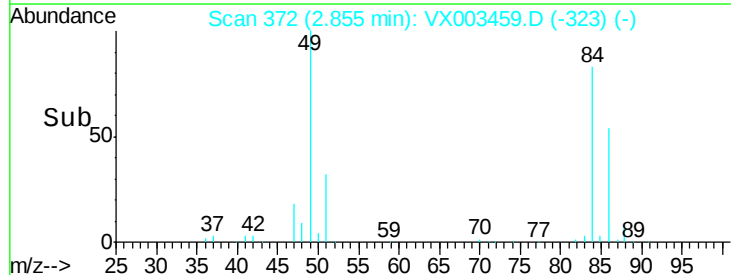
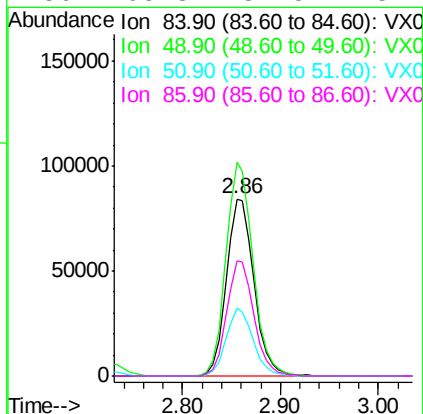
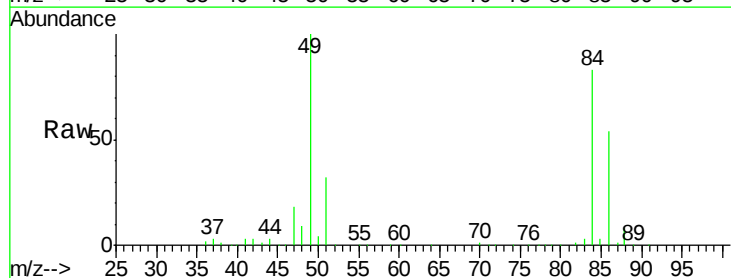
Instrument :
MSVOA_X
ClientSampleID :

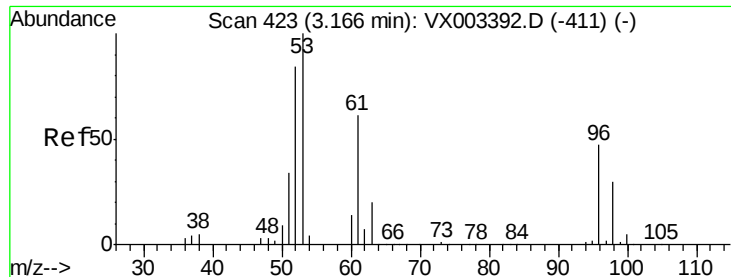
Tot Ion: 73 Resp: 492584
Ion Ratio Lower Upper
73 100
57 22.2 17.7 26.5



#20
Methylene Chloride
Concen: 163.48 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX003459.D
Acq: 18 Jul 2018 20:28

Tgt Ion: 84 Resp: 163794
Ion Ratio Lower Upper
84 100
49 120.7 107.8 161.6
51 38.1 32.8 49.2
86 65.3 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 160.98 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

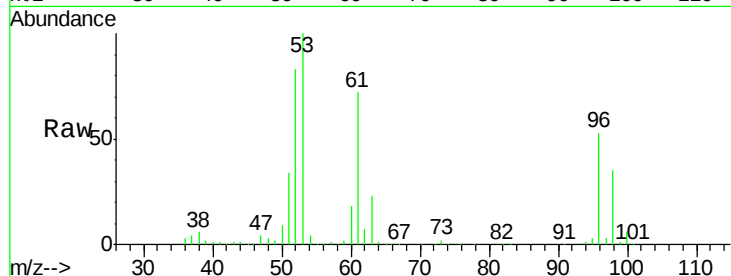
Tot Ion: 96 Resp: 152104

Ion Ratio Lower Upper

96 100

61 135.1 117.0 175.4

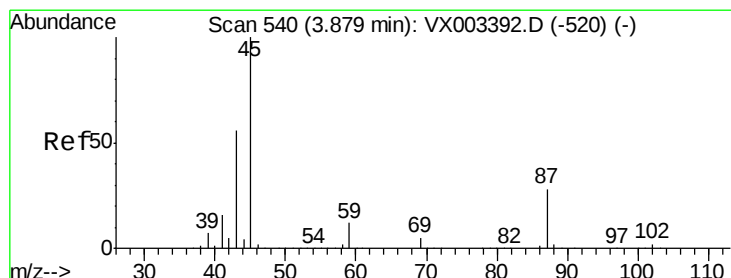
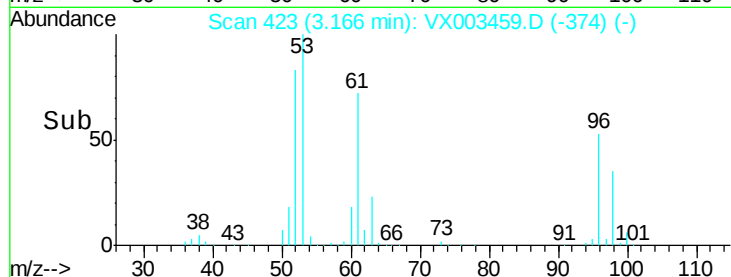
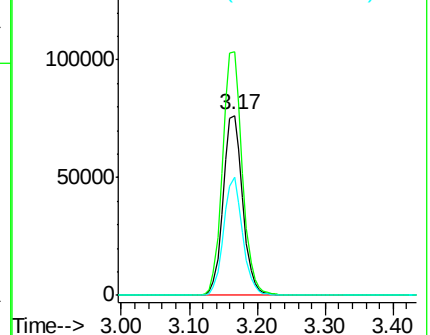
98 65.3 52.4 78.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 158.23 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Tgt Ion: 45 Resp: 487016

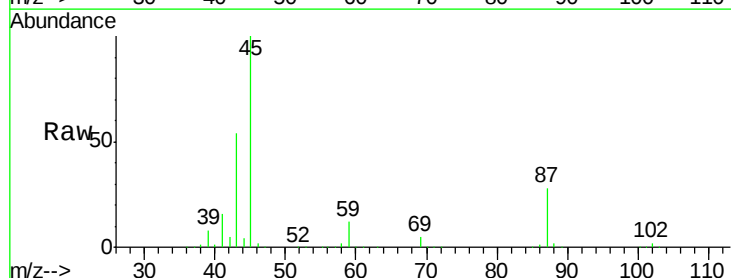
Ion Ratio Lower Upper

45 100

43 54.1 46.8 70.2

87 28.1 20.2 30.4

59 11.8 8.7 13.1

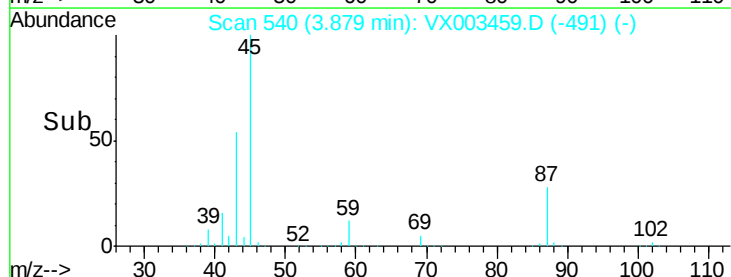
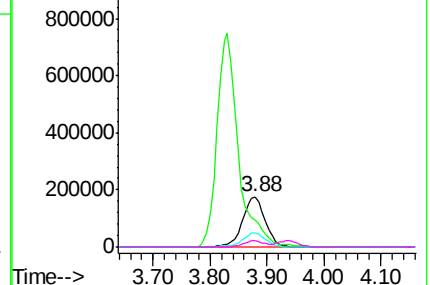


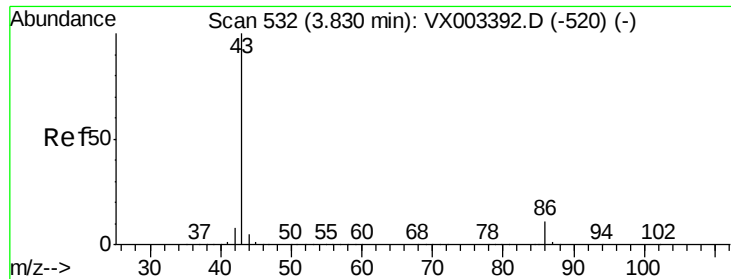
Abundance Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 770.31 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :

MSVOA_X

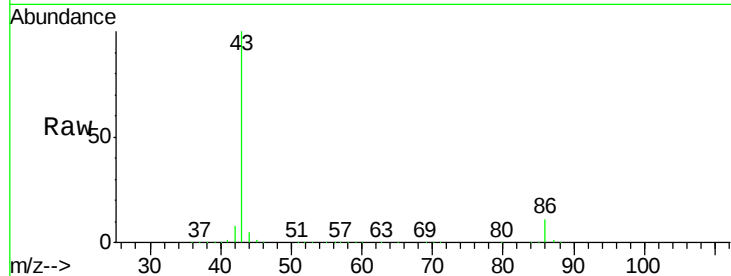
ClientSampleId :

Tot Ion: 43 Resp: 1955449

Ion Ratio Lower Upper

43 100

86 10.7 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

800000

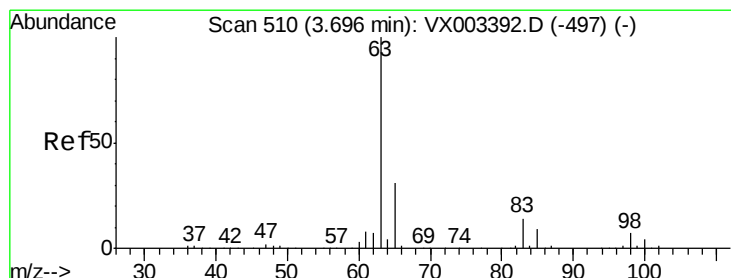
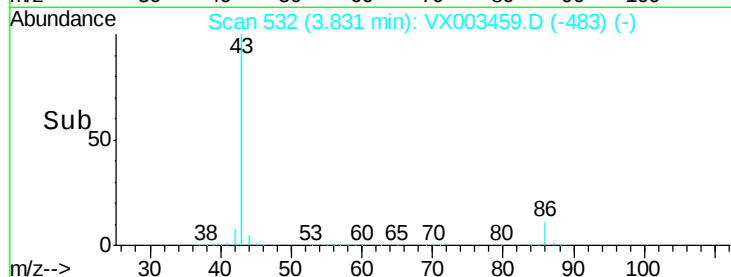
600000

400000

200000

0

Time--> 3.60 3.80 4.00 4.20



#24

1,1-Dichloroethane

Concen: 169.25 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

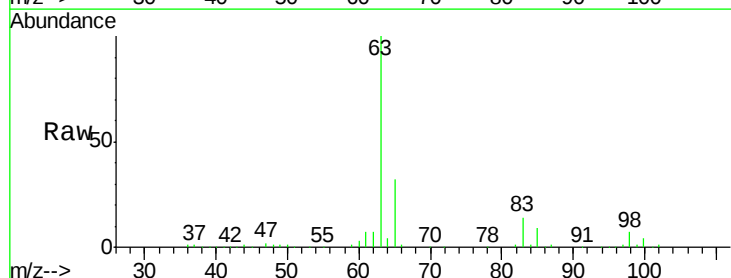
Tgt Ion: 63 Resp: 295541

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 4.2 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

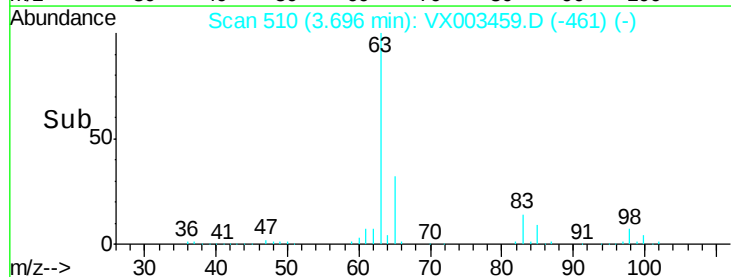
150000

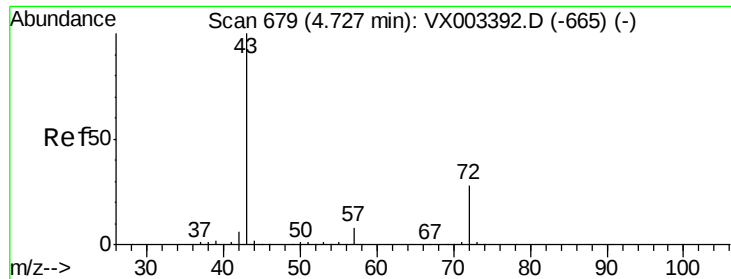
100000

50000

0

Time--> 3.60 3.70 3.80





#25

2-Butanone

Concen: 788.66 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.01 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :

MSVOA_X

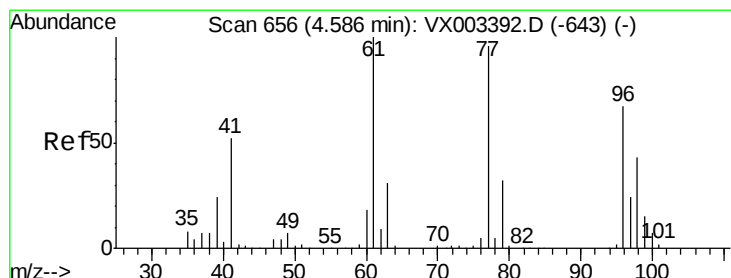
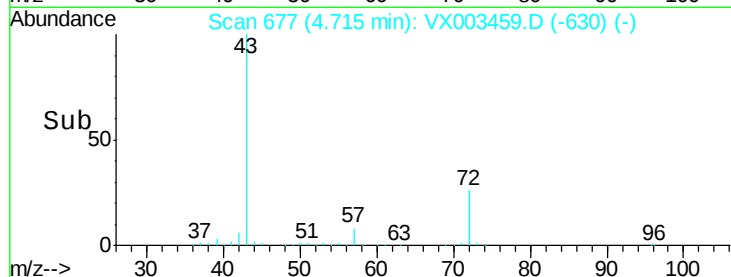
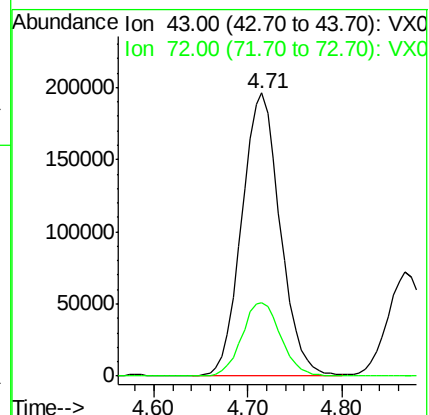
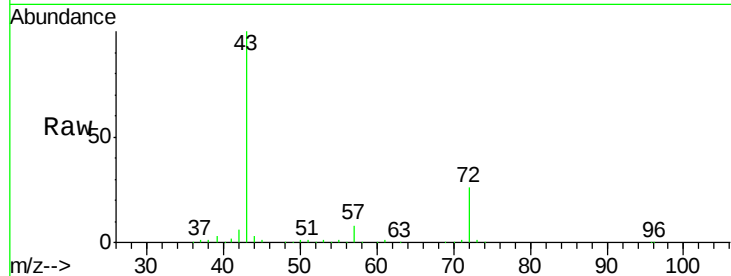
ClientSampled :

Tot Ion: 43 Resp: 557939

Ion Ratio Lower Upper

43 100

72 26.0 18.5 27.7



#26

2,2-Dichloropropane

Concen: 126.56 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX003459.D

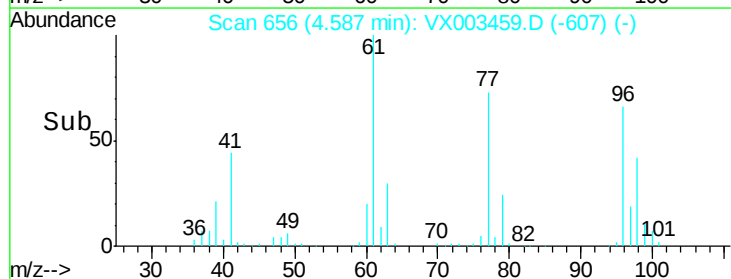
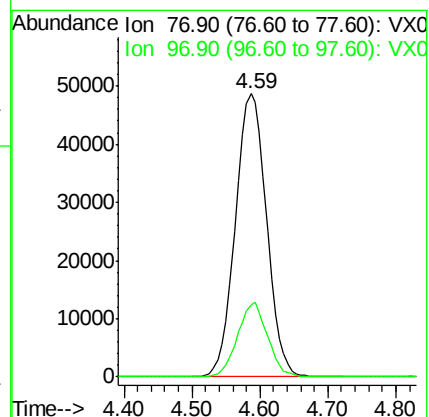
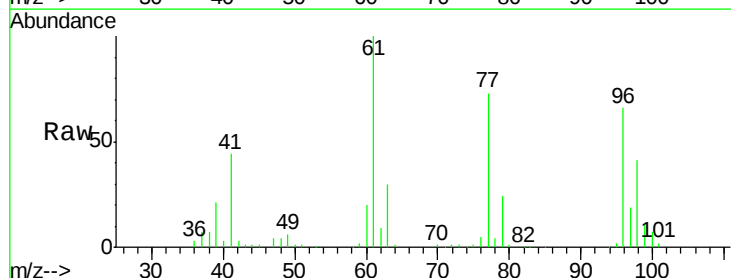
Acq: 18 Jul 2018 20:28

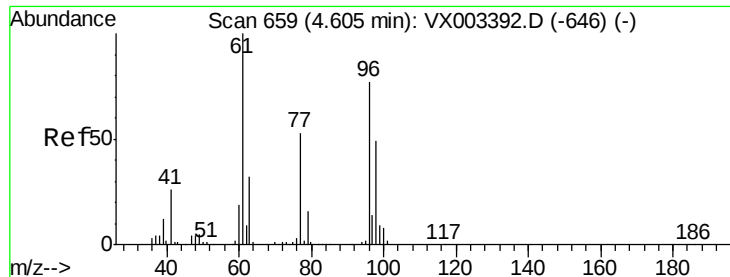
Tgt Ion: 77 Resp: 155117

Ion Ratio Lower Upper

77 100

97 25.4 11.2 33.5



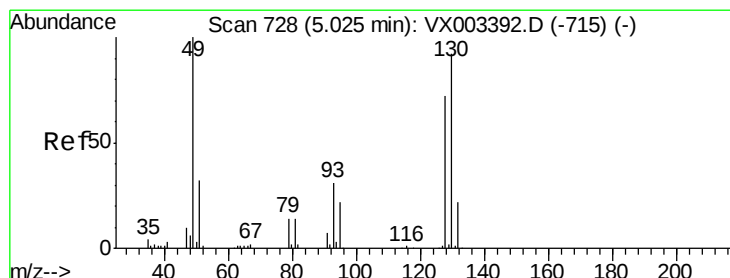
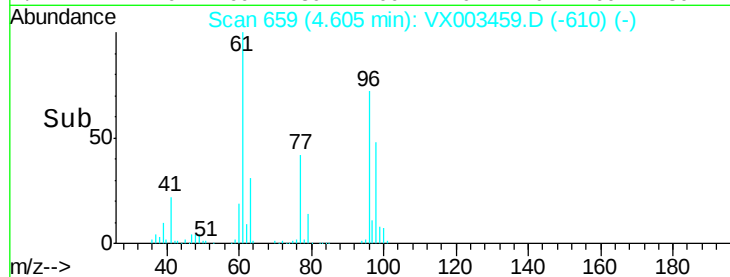
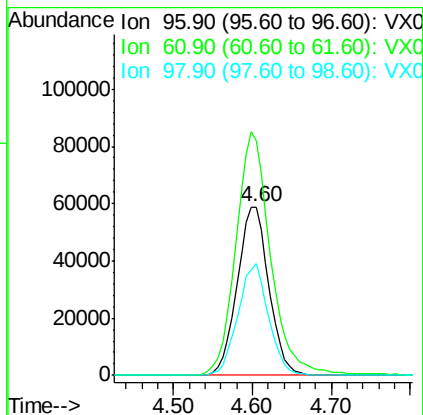
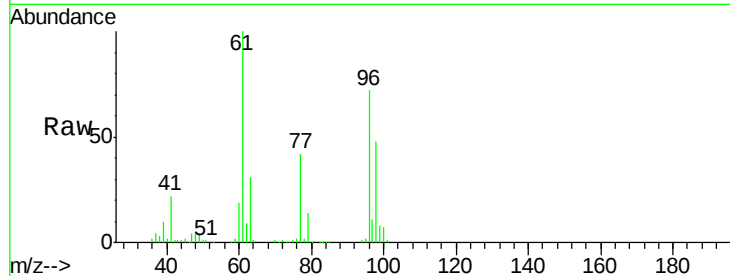


#27

cis-1,2-Dichloroethene
 Concen: 161.38 ug/l
 RT: 4.60 min Scan# 659
 Delta R.T. 0.00 min
 Lab File: VX003459.D
 Acq: 18 Jul 2018 20:28

Instrument :
 MSVOA_X
 ClientSampleId :

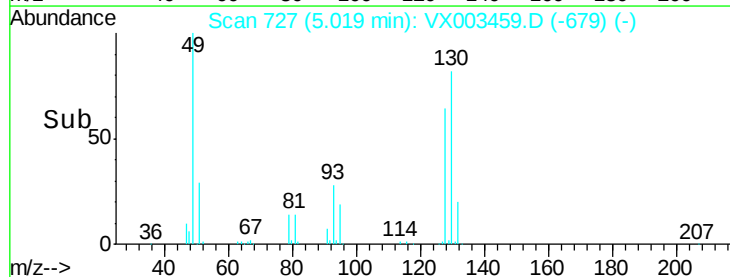
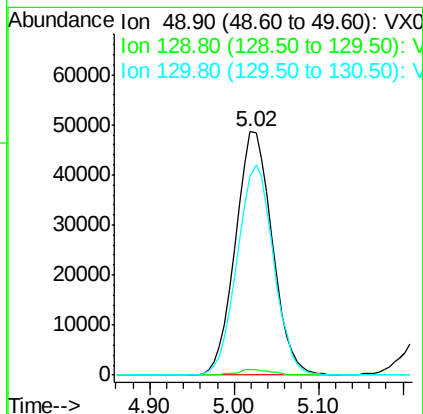
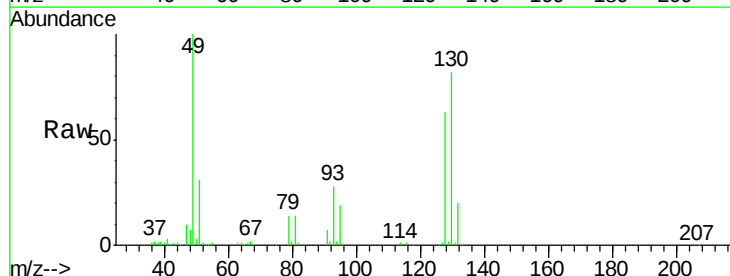
Tot Ion	96	Resp	164049
Ion	Ratio	Lower	Upper
96	100		
61	158.6	0.0	330.2
98	64.3	0.0	130.2

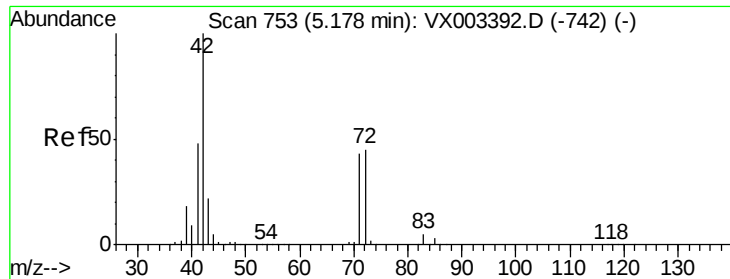


#28

Bromochloromethane
 Concen: 190.68 ug/l
 RT: 5.02 min Scan# 727
 Delta R.T. -0.01 min
 Lab File: VX003459.D
 Acq: 18 Jul 2018 20:28

Tgt Ion	49	Resp	144555
Ion	Ratio	Lower	Upper
49	100		
129	2.2	0.0	4.2
130	85.0	61.2	91.8





#29

Tetrahydrofuran

Concen: 807.11 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

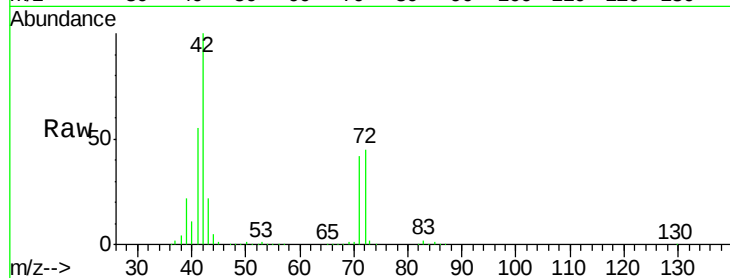
Tot Ion: 42 Resp: 362117

Ion Ratio Lower Upper

42 100

72 44.9 32.0 48.0

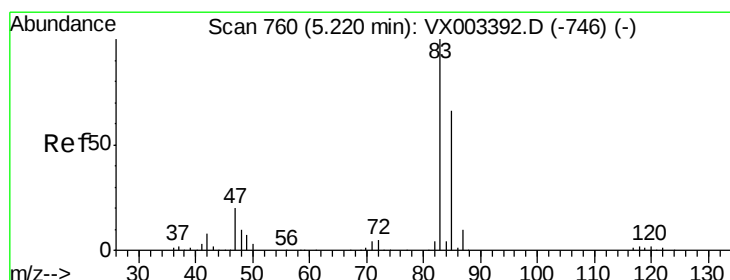
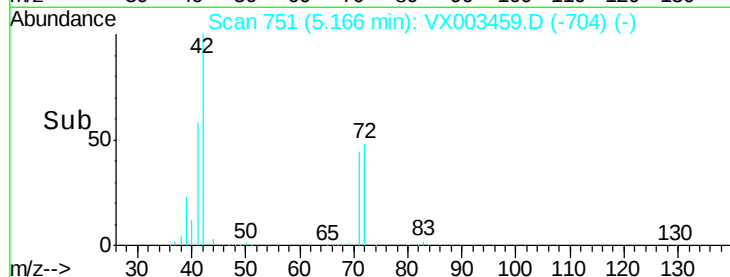
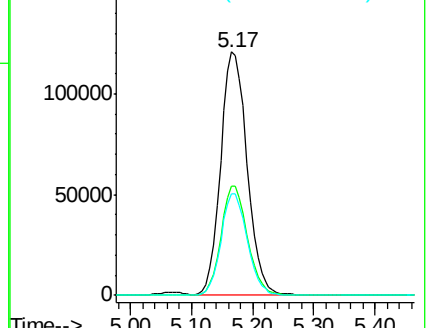
71 41.5 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 169.46 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX003459.D

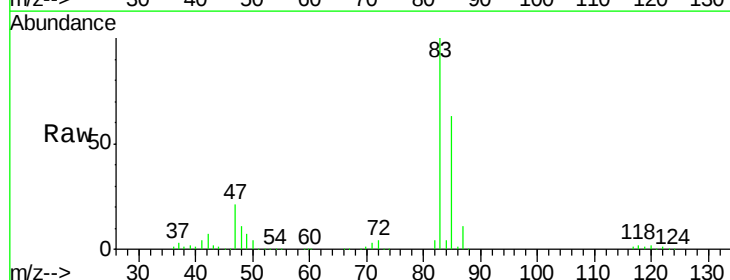
Acq: 18 Jul 2018 20:28

Tgt Ion: 83 Resp: 272669

Ion Ratio Lower Upper

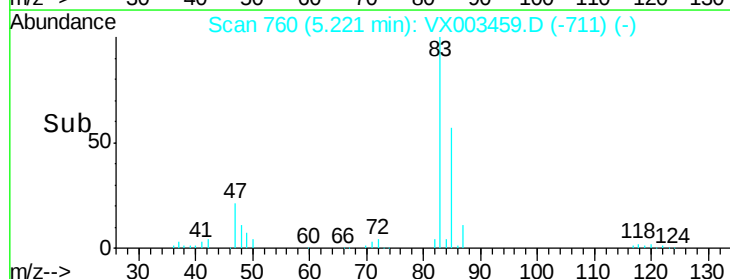
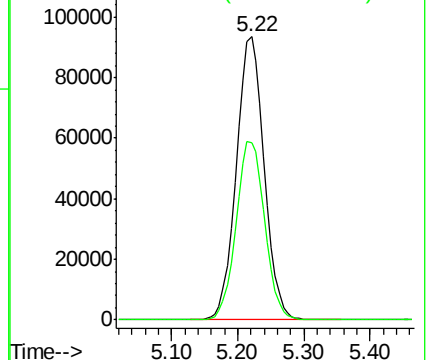
83 100

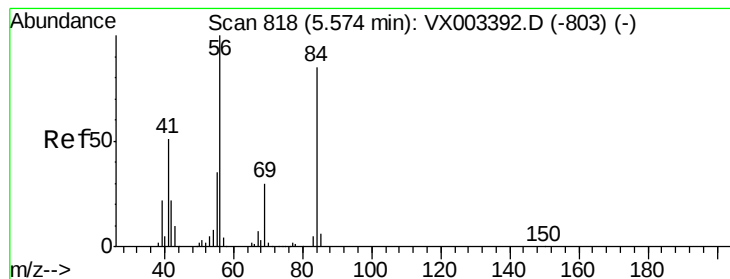
85 62.6 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 165.73 ug/l

RT: 5.57 min Scan# 818

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :

MSVOA_X

ClientSampled :

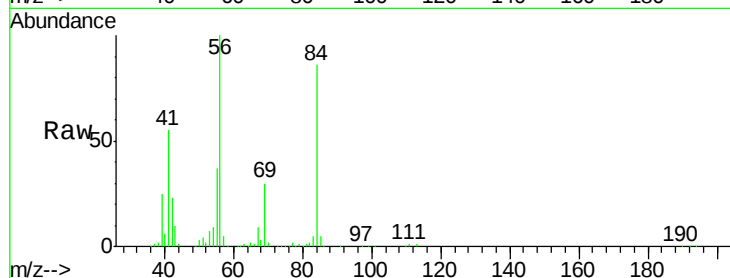
Tot Ion: 56 Resp: 223480

Ion Ratio Lower Upper

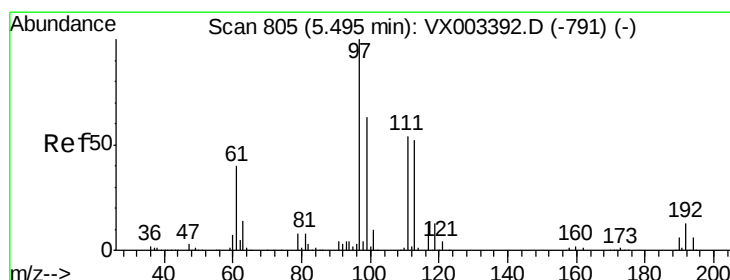
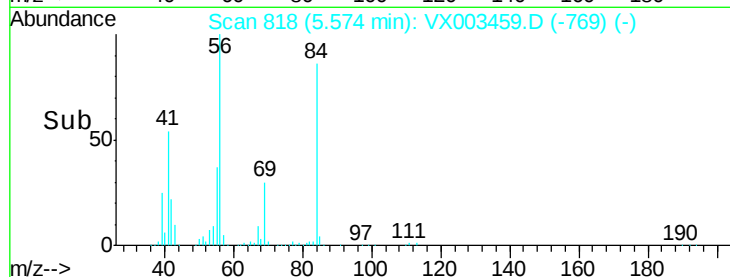
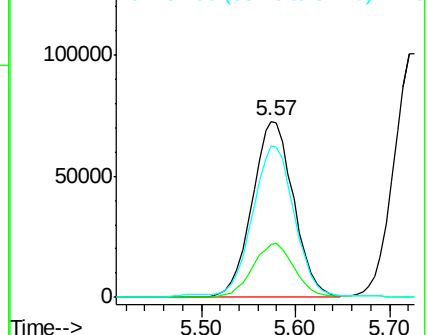
56 100

69 30.0 23.7 35.5

84 84.7 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 169.66 ug/l

RT: 5.49 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

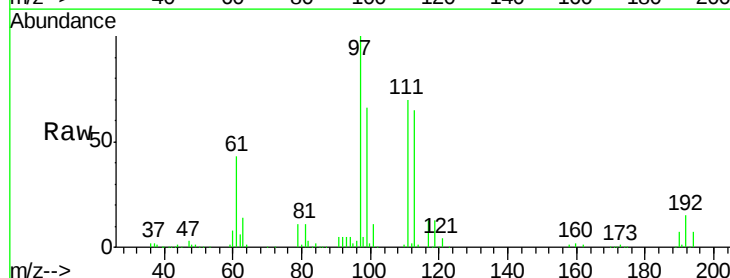
Tgt Ion: 97 Resp: 232177

Ion Ratio Lower Upper

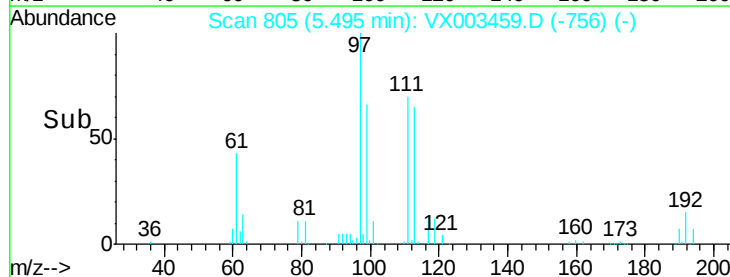
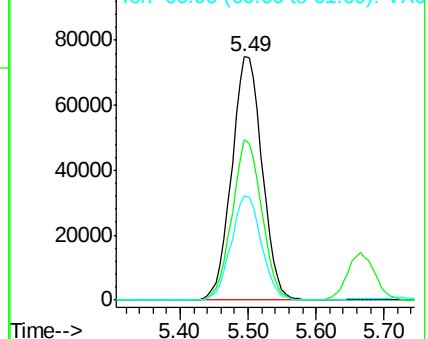
97 100

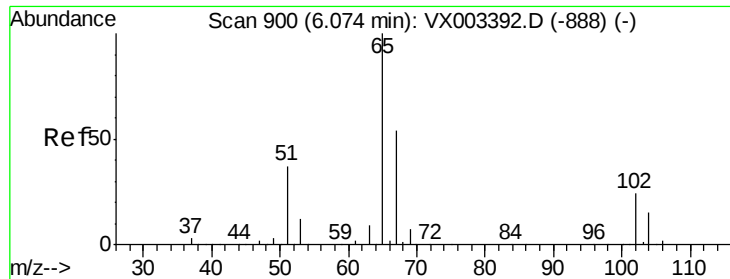
99 64.4 51.6 77.4

61 42.9 36.4 54.6



Abundance Ion 96.90 (96.60 to 97.60): VX0
Ion 98.90 (98.60 to 99.60): VX0
Ion 60.90 (60.60 to 61.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 184.85 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :

MSVOA_X

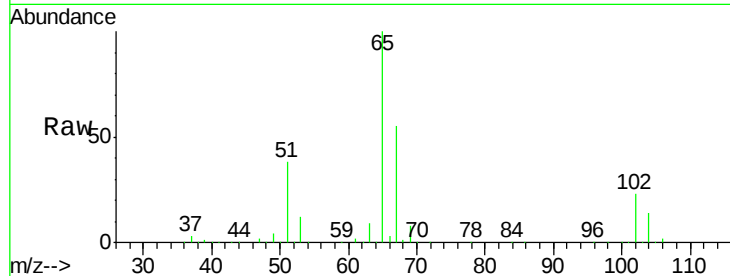
ClientSampleId :

Tot Ion: 65 Resp: 200892

Ion Ratio Lower Upper

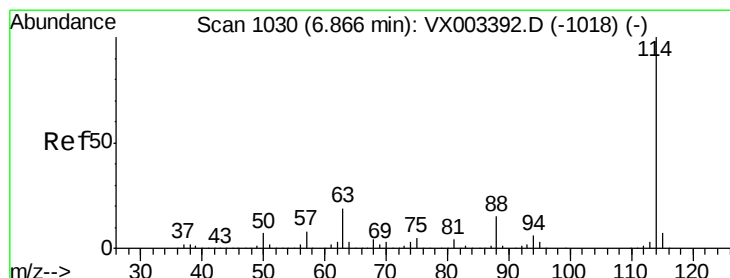
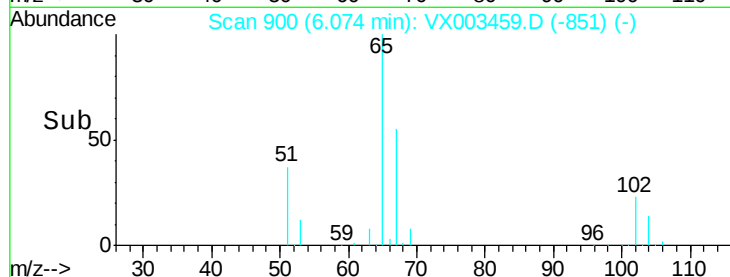
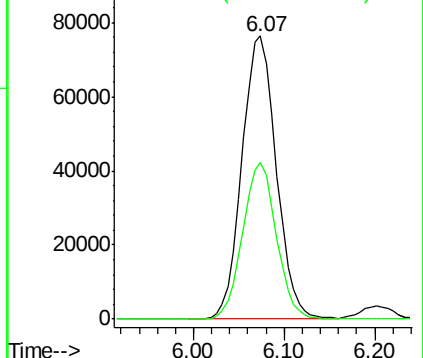
65 100

67 54.3 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

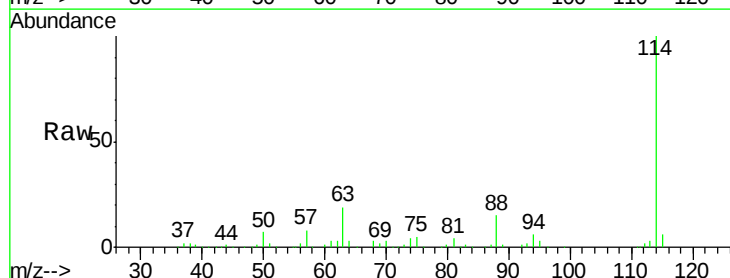
Tgt Ion: 114 Resp: 118566

Ion Ratio Lower Upper

114 100

63 19.2 0.0 41.4

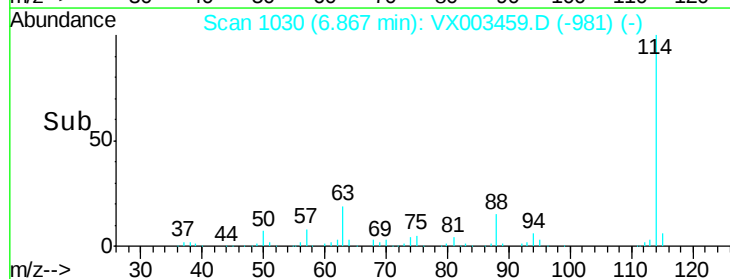
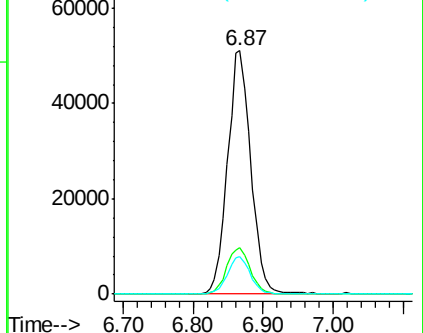
88 15.3 0.0 30.0

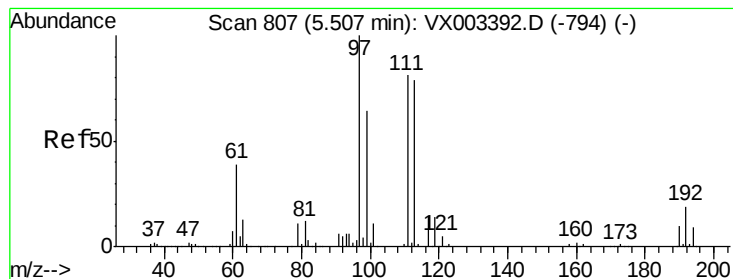


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 182.14 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :

MSVOA_X

ClientSampled :

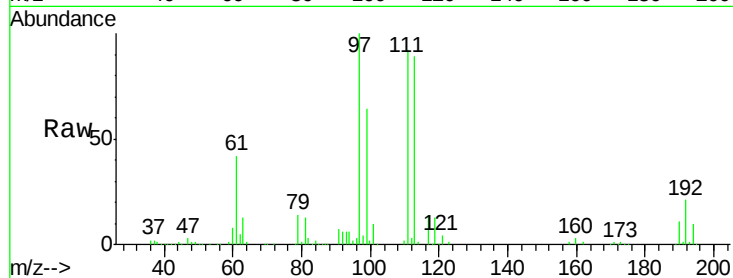
Tot Ion:113 Resp: 174734

Ion Ratio Lower Upper

113 100

111 103.1 81.4 122.0

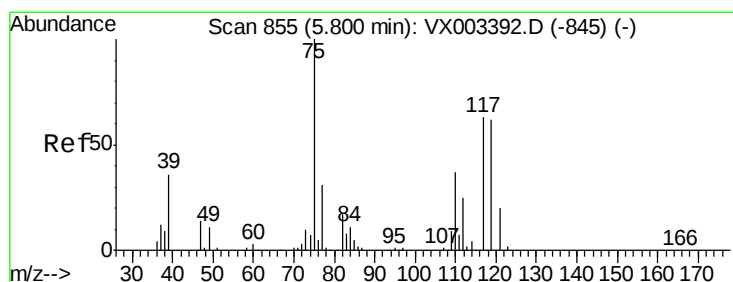
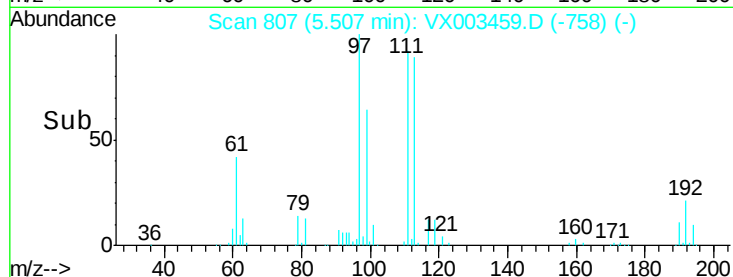
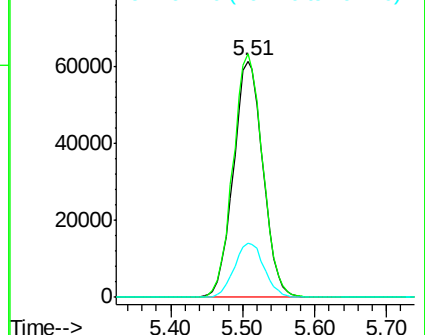
192 23.2 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 161.51 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

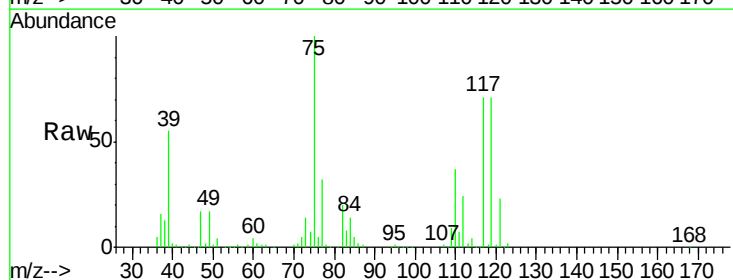
Tgt Ion: 75 Resp: 193924

Ion Ratio Lower Upper

75 100

110 37.9 18.1 54.4

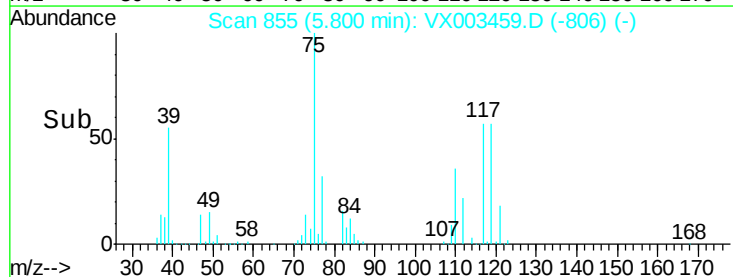
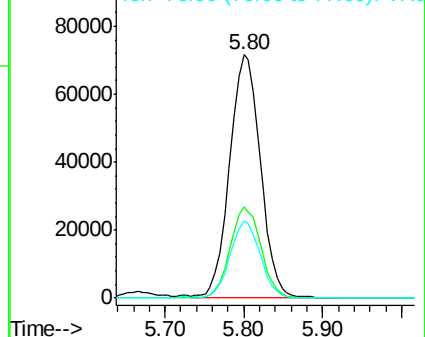
77 31.5 24.3 36.5

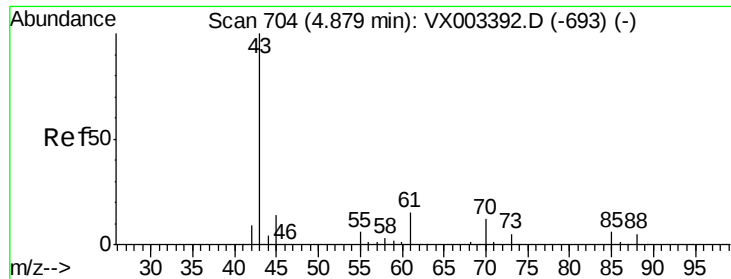


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

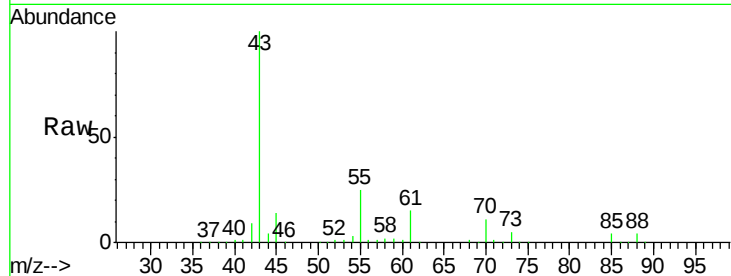




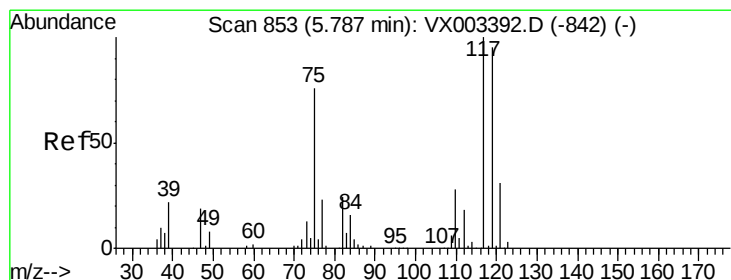
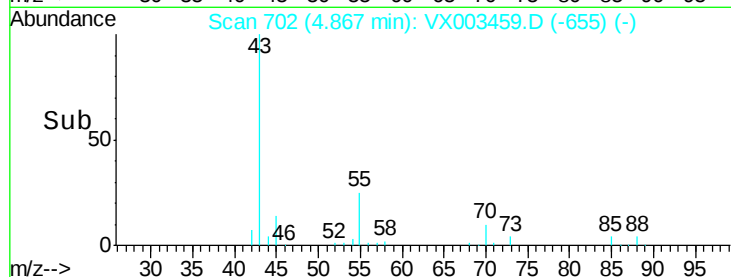
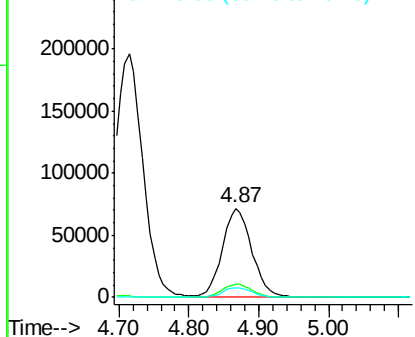
#37
Ethyl Acetate
Concen: 154.67 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX003459.D
Acq: 18 Jul 2018 20:28

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 209269
Ion Ratio Lower Upper
43 100
61 14.5 10.4 15.6
70 11.0 7.6 11.4

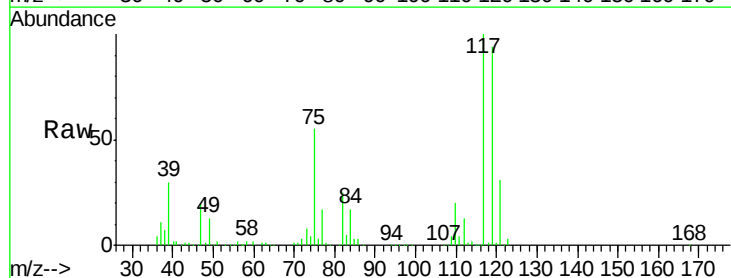


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

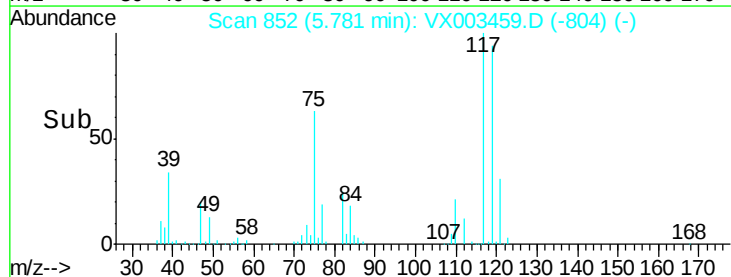
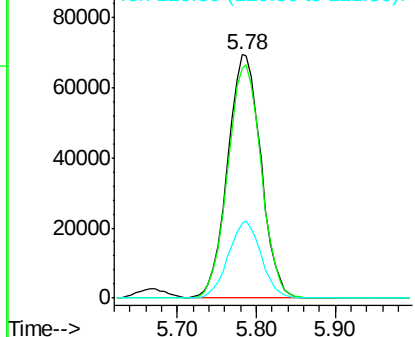


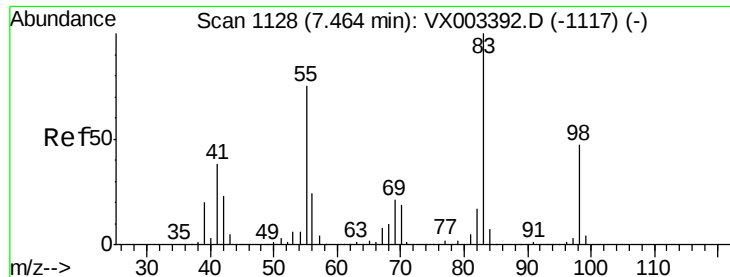
#38
Carbon Tetrachloride
Concen: 166.86 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX003459.D
Acq: 18 Jul 2018 20:28

Tgt Ion: 117 Resp: 203867
Ion Ratio Lower Upper
117 100
119 94.3 77.4 116.0
121 30.6 24.4 36.6



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

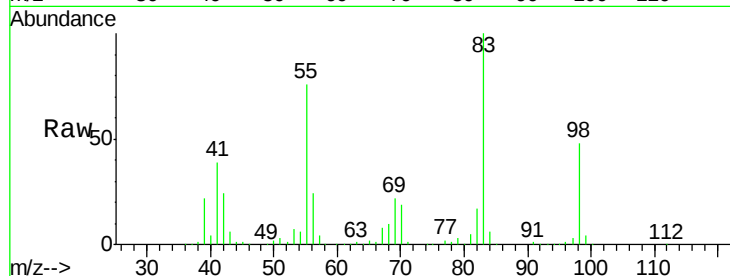




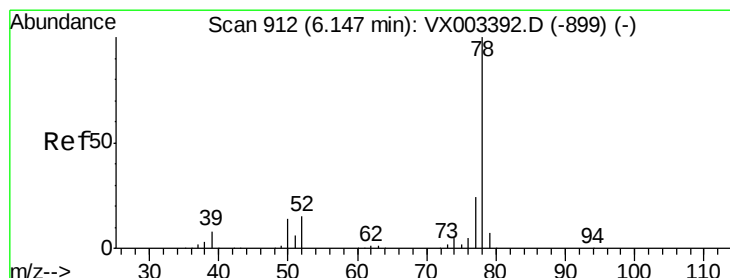
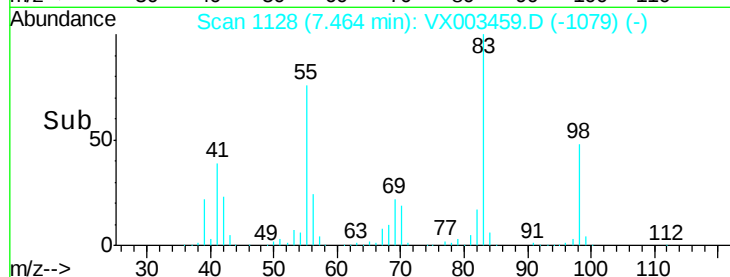
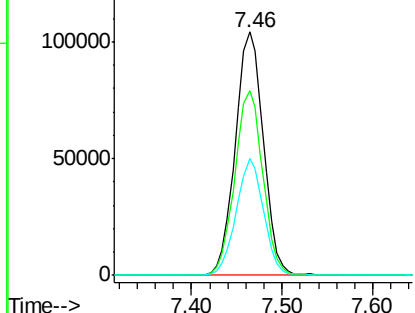
#39
Methvlcvclohexane
Concen: 162.93 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX003459.D
Acq: 18 Jul 2018 20:28

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 223930
Ion Ratio Lower Upper
83 100
55 75.9 65.4 98.0
98 47.9 37.4 56.0

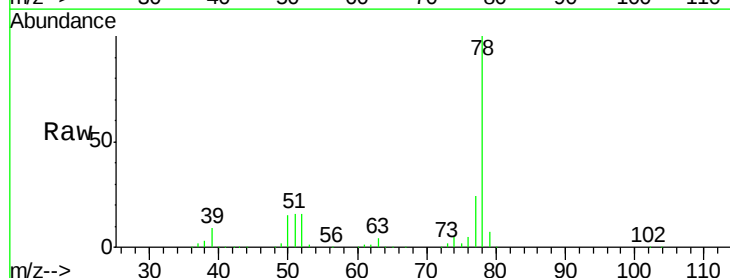


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

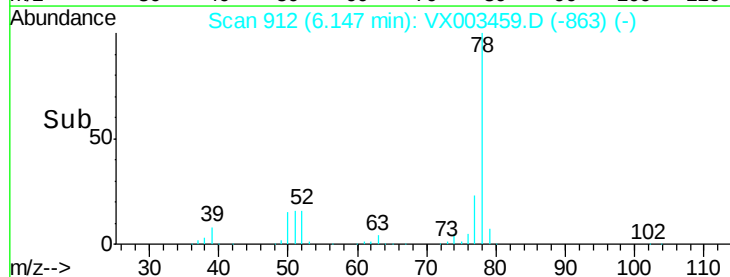
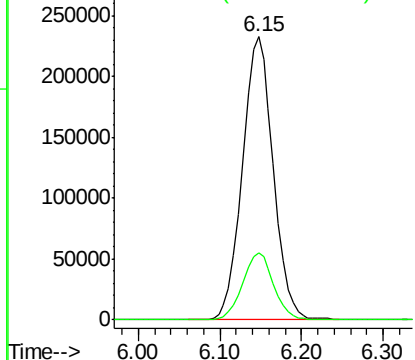


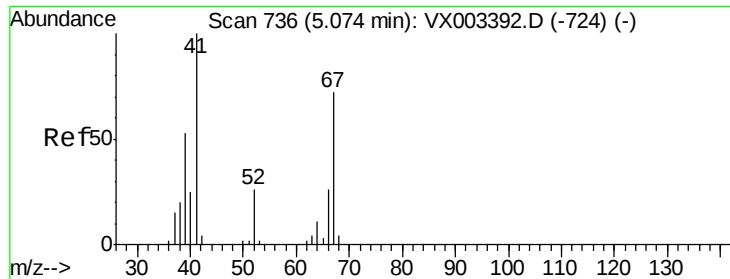
#40
Benzene
Concen: 166.60 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX003459.D
Acq: 18 Jul 2018 20:28

Tgt Ion: 78 Resp: 608589
Ion Ratio Lower Upper
78 100
77 23.5 19.1 28.7



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

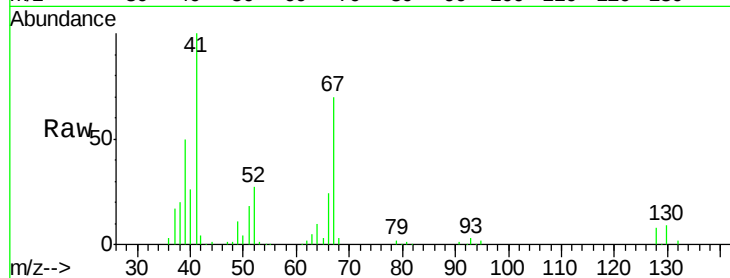




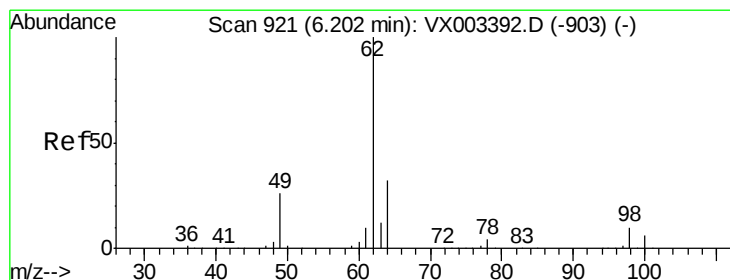
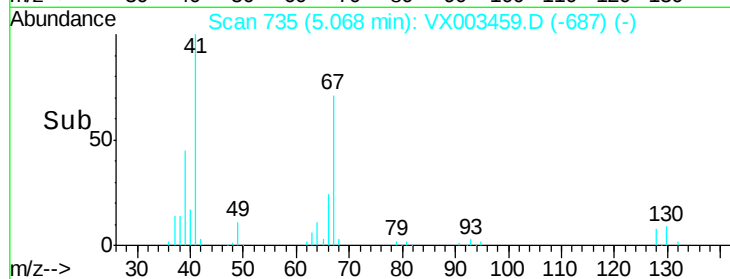
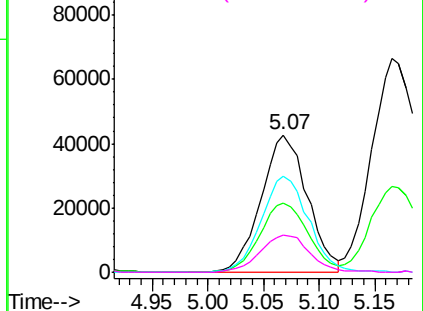
#41
Methacrylonitrile
Concen: 166.15 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.01 min
Lab File: VX003459.D
Acq: 18 Jul 2018 20:28

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	123616
Ion	Ratio	Lower	Upper
41	100		
39	52.1	45.8	68.6
67	71.9	51.3	76.9
52	28.6	23.0	34.6

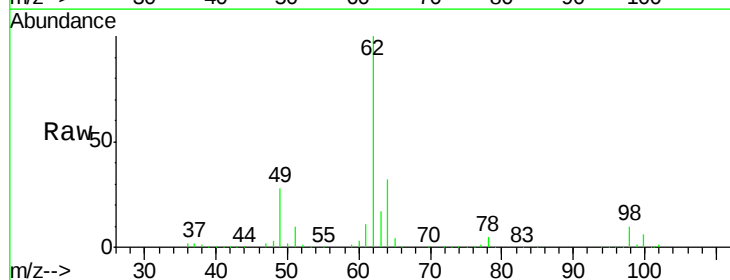


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

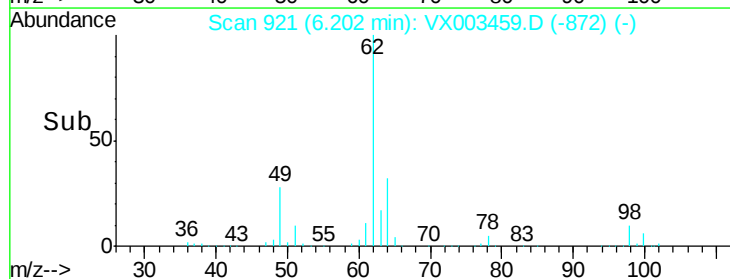
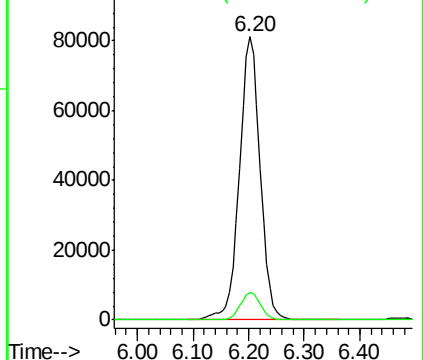


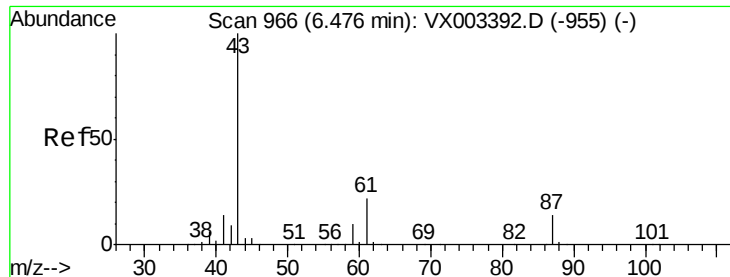
#42
1,2-Dichloroethane
Concen: 166.59 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX003459.D
Acq: 18 Jul 2018 20:28

Tgt Ion:	62	Resp:	208707
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	16.6



Abundance Ion 61.90 (61.60 to 62.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



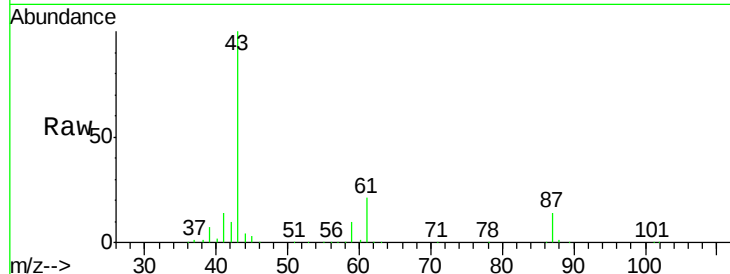


#43

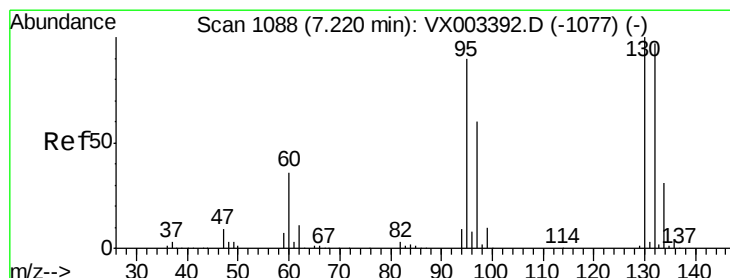
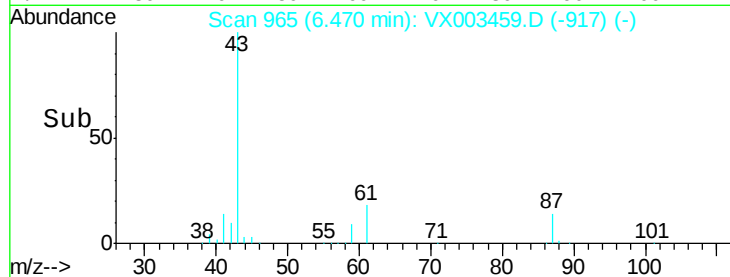
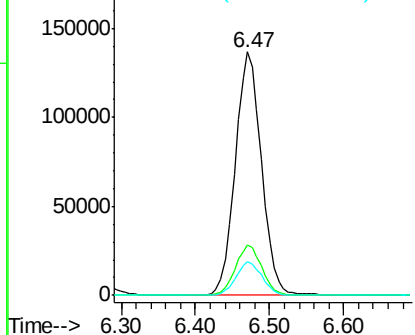
Isopropyl Acetate
 Concen: 164.66 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. -0.01 min
 Lab File: VX003459.D
 Acq: 18 Jul 2018 20:28

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 43 Resp: 336242
 Ion Ratio Lower Upper
 43 100
 61 20.9 14.4 21.6
 87 13.9 9.5 14.3



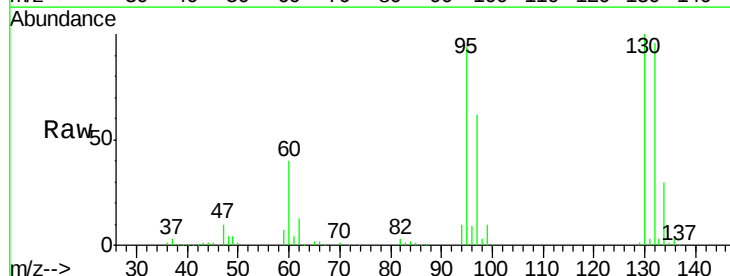
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



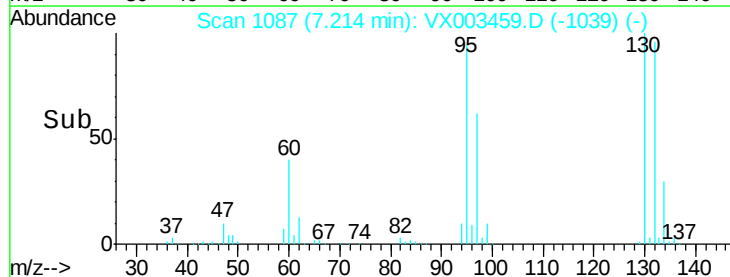
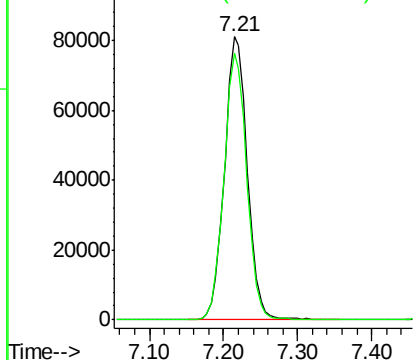
#44

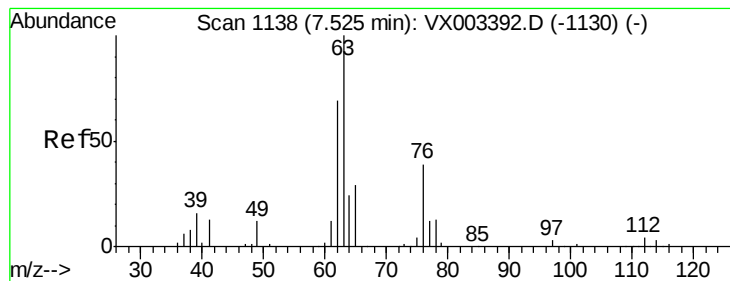
Trichloroethene
 Concen: 163.88 ug/l
 RT: 7.21 min Scan# 1087
 Delta R.T. -0.01 min
 Lab File: VX003459.D
 Acq: 18 Jul 2018 20:28

Tgt Ion:130 Resp: 173430
 Ion Ratio Lower Upper
 130 100
 95 94.2 0.0 185.4



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





#45

1,2-Dichloropropane

Concen: 169.53 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :

MSVOA_X

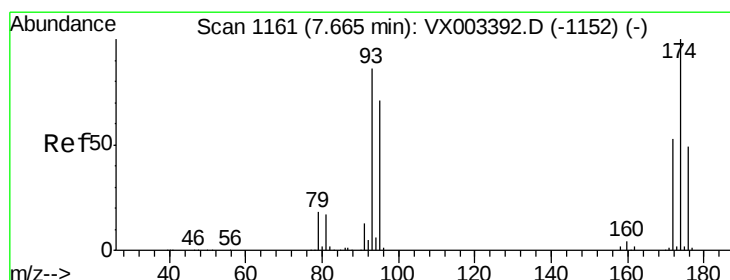
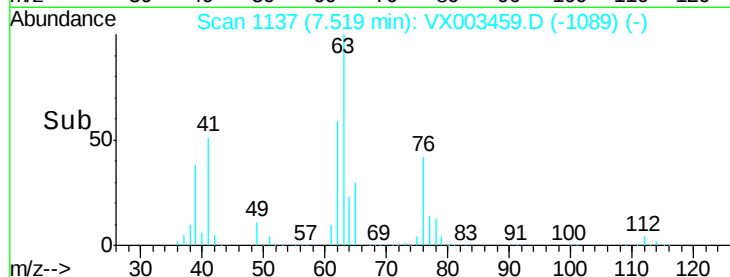
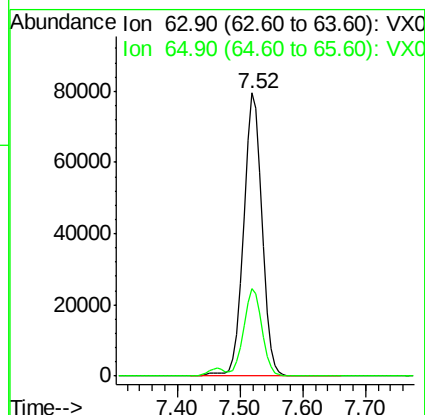
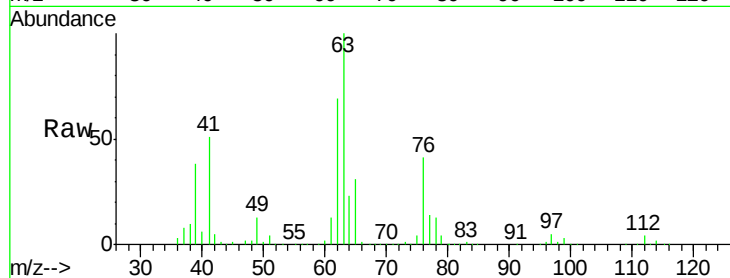
ClientSampleId :

Tot Ion: 63 Resp: 161100

Ion Ratio Lower Upper

63 100

65 31.1 24.7 37.1



#46

Dibromomethane

Concen: 166.52 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

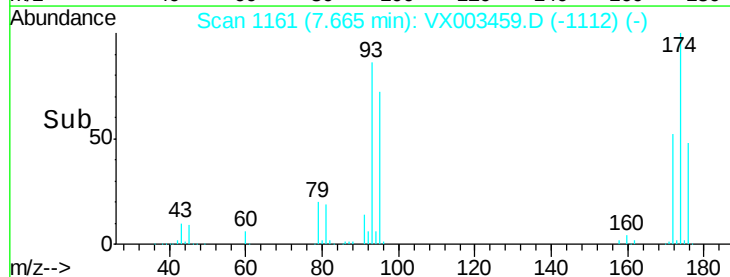
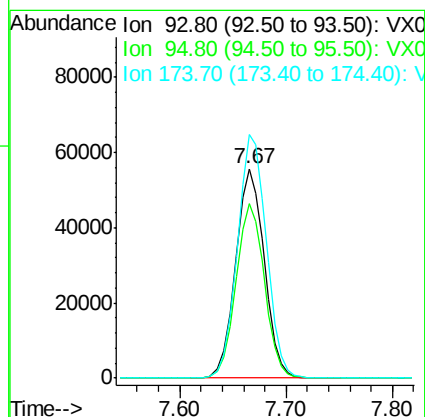
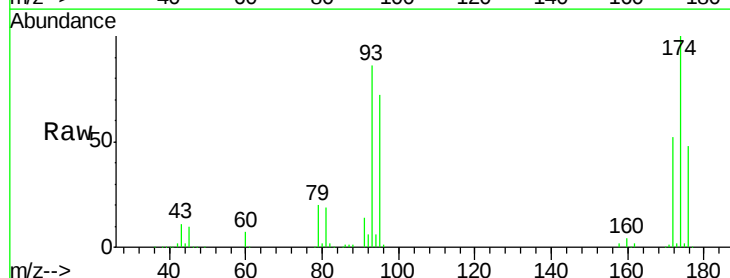
Tgt Ion: 93 Resp: 105368

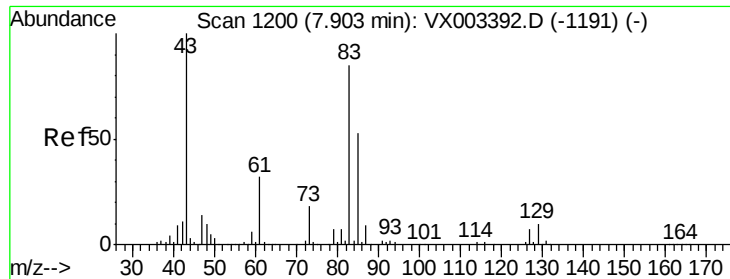
Ion Ratio Lower Upper

93 100

95 82.9 65.9 98.9

174 117.4 92.4 138.6





#47

Bromodichloromethane

Concen: 173.83 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :
MSVOA_X
ClientSampled :

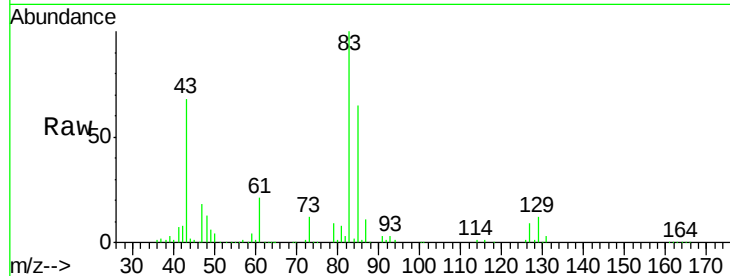
Tot Ion: 83 Resp: 201423

Ion Ratio Lower Upper

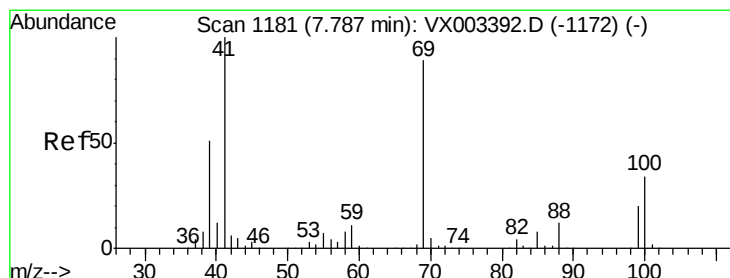
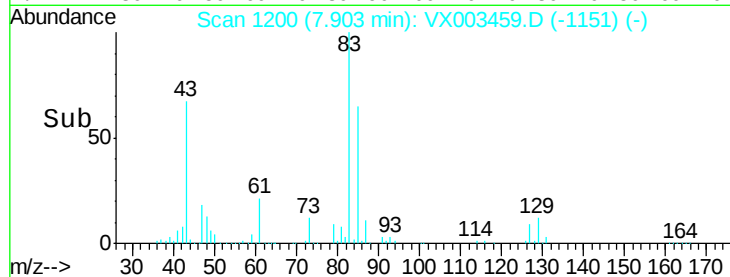
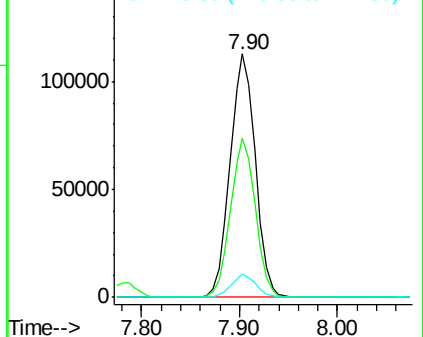
83 100

85 65.1 50.3 75.5

127 9.4 7.0 10.4



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0
Ion 126.80 (126.50 to 127.50): V



#48

Methyl methacrylate

Concen: 173.13 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

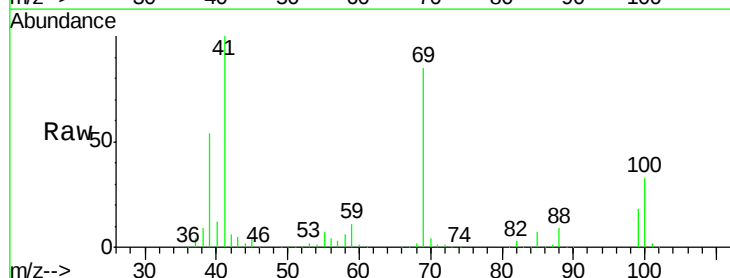
Tgt Ion: 41 Resp: 180362

Ion Ratio Lower Upper

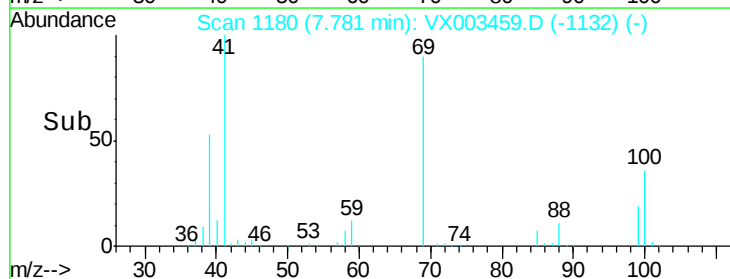
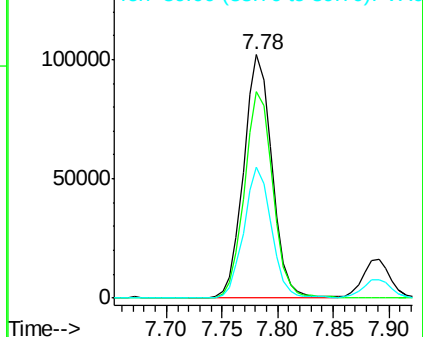
41 100

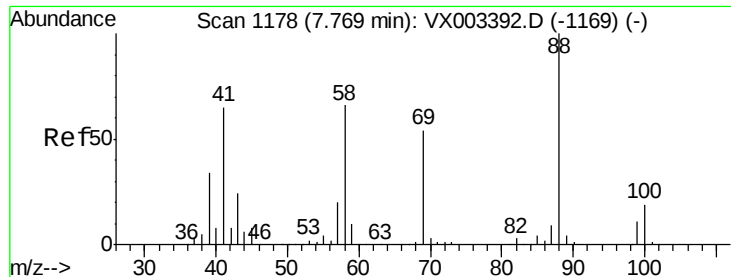
69 85.8 59.1 88.7

39 52.4 48.9 73.3



Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 39.00 (38.70 to 39.70): VX0

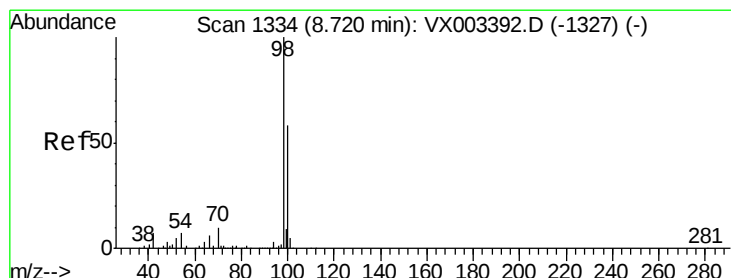
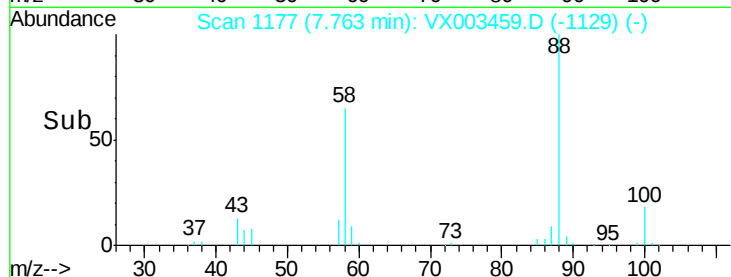
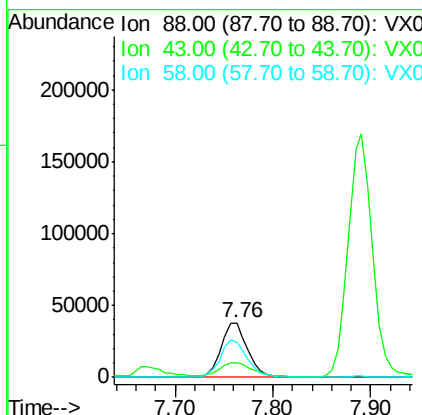
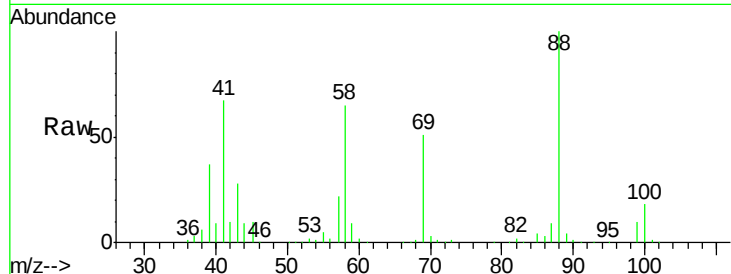




#49
 1,4-Dioxane
 Concen: 2972.95 ug/l
 RT: 7.76 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: VX003459.D
 Acq: 18 Jul 2018 20:28

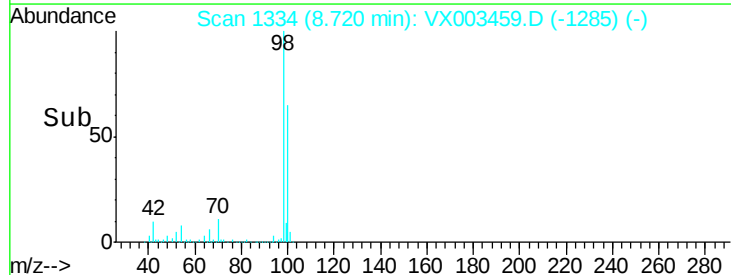
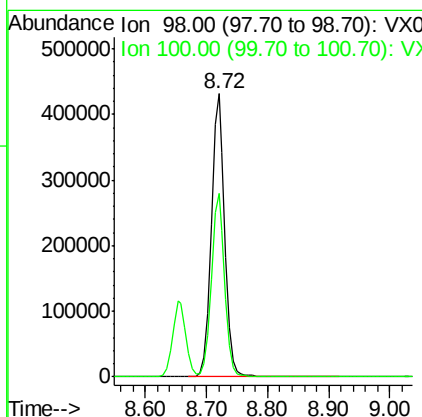
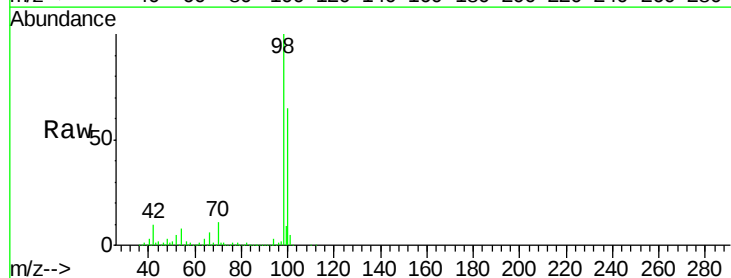
Instrument :
 MSVOA_X
 ClientSampleId :

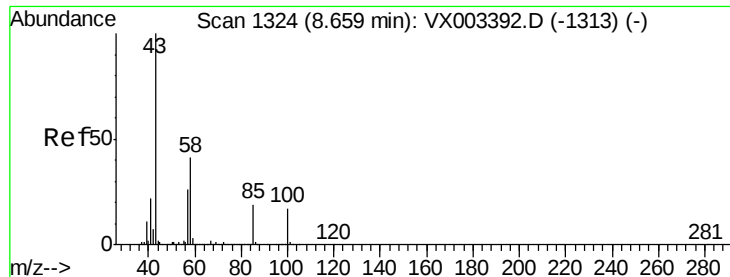
Tot Ion: 88 Resp: 70913
 Ion Ratio Lower Upper
 88 100
 43 33.2 29.8 44.6
 58 69.7 57.1 85.7



#50
 Toluene-d8
 Concen: 189.51 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX003459.D
 Acq: 18 Jul 2018 20:28

Tgt Ion: 98 Resp: 670919
 Ion Ratio Lower Upper
 98 100
 100 64.8 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 849.50 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.01 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :

MSVOA_X

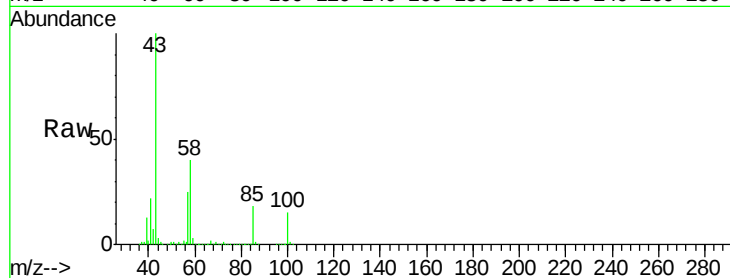
ClientSampleId :

Tot Ion: 43 Resp: 1141898

Ion Ratio Lower Upper

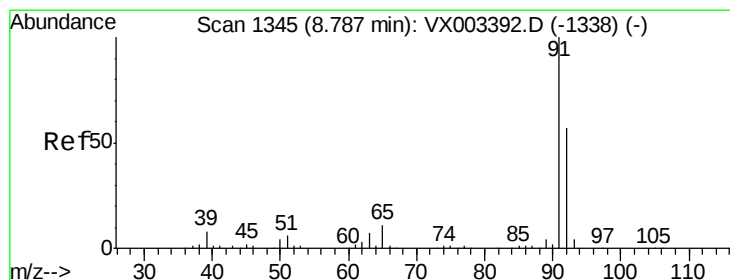
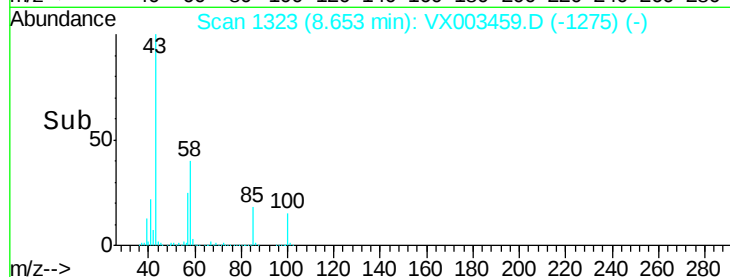
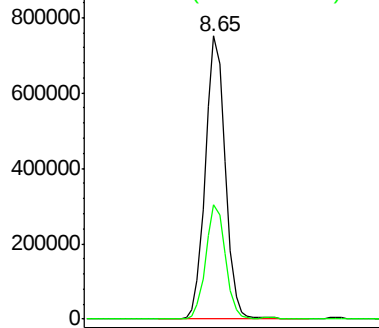
43 100

58 39.9 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 170.05 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX003459.D

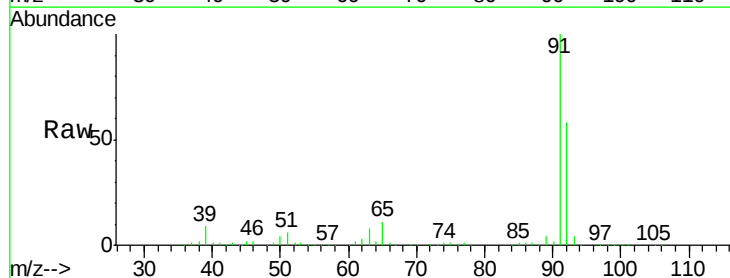
Acq: 18 Jul 2018 20:28

Tgt Ion: 92 Resp: 388953

Ion Ratio Lower Upper

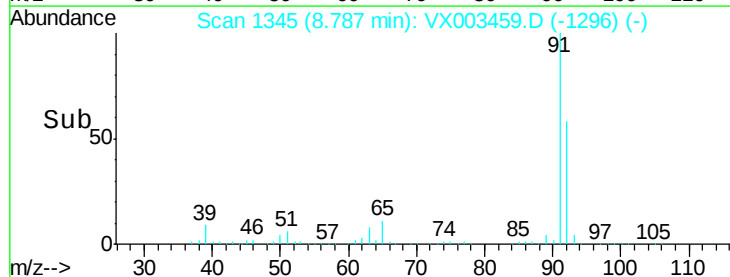
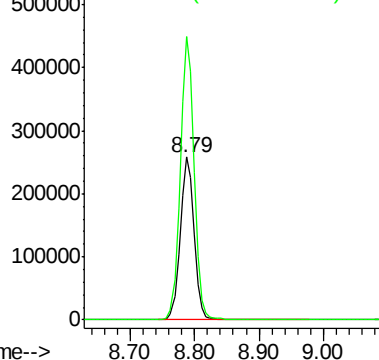
92 100

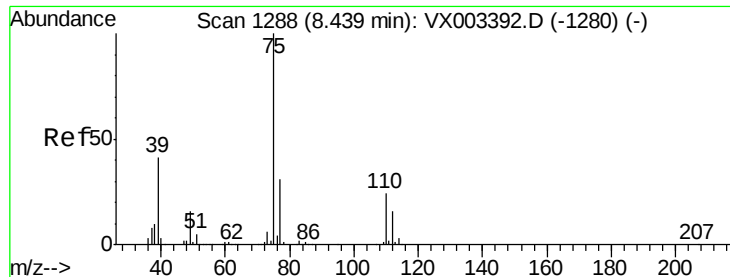
91 174.1 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0





#53

t-1,3-Dichloropropene

Concen: 170.31 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :

MSVOA_X

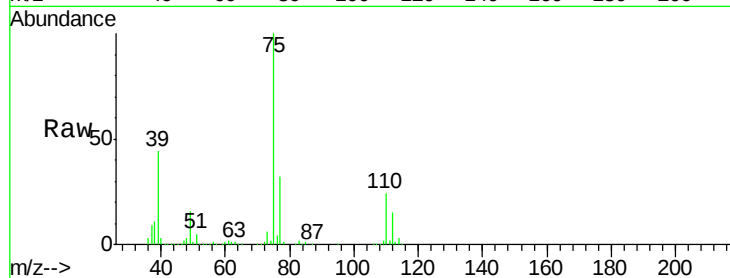
ClientSampleId :

Tot Ion: 75 Resp: 233003

Ion Ratio Lower Upper

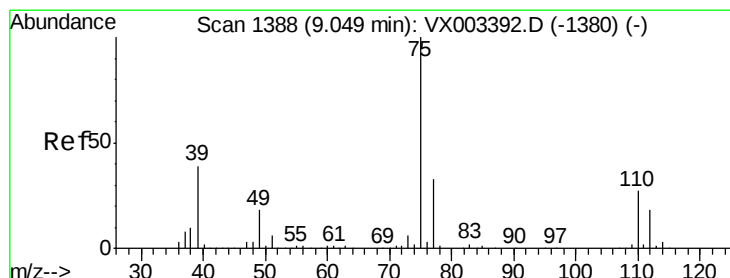
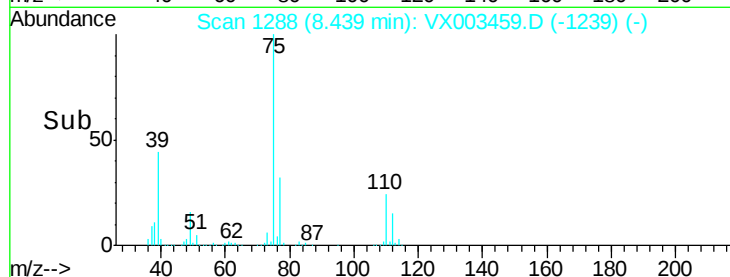
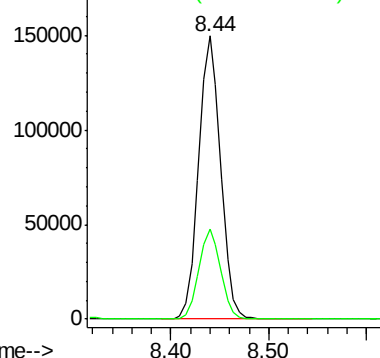
75 100

77 31.7 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0



#54

cis-1,3-Dichloropropene

Concen: 169.56 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. -0.01 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

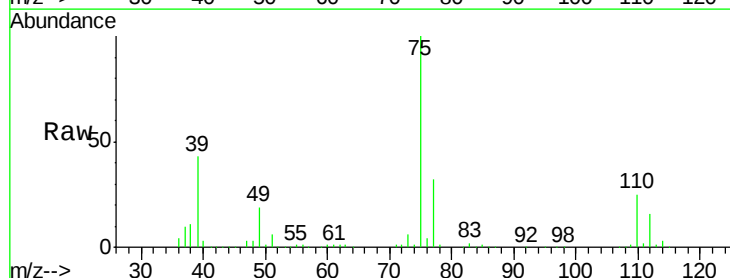
Tgt Ion: 75 Resp: 211713

Ion Ratio Lower Upper

75 100

77 31.9 24.8 37.2

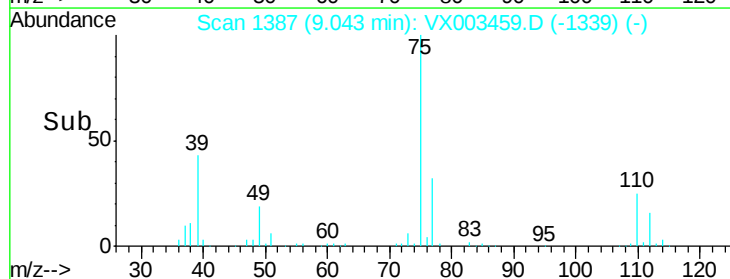
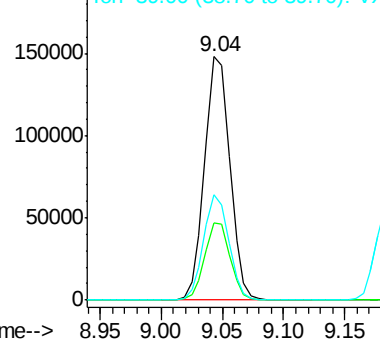
39 43.3 42.4 63.6

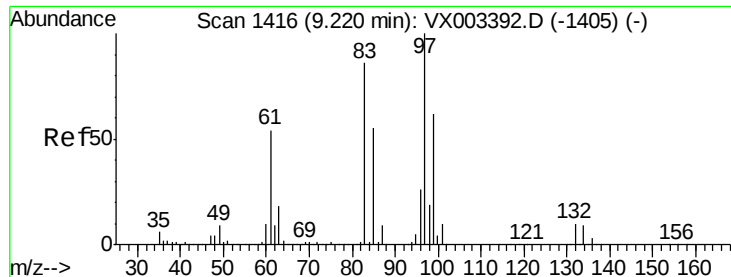


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

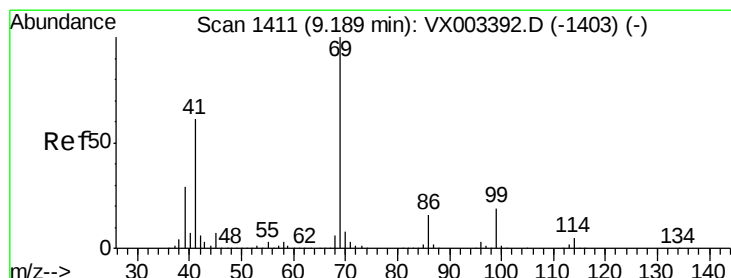
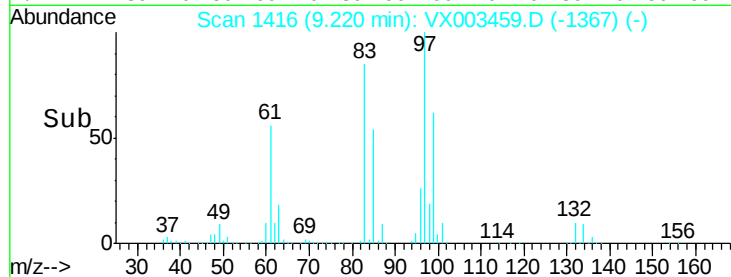
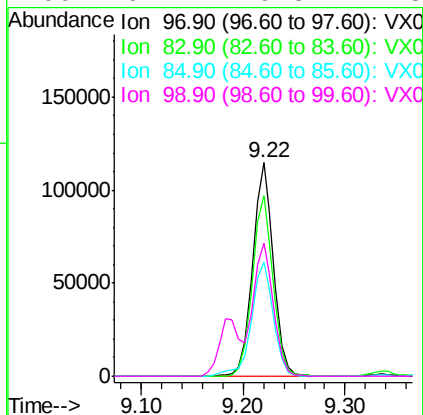
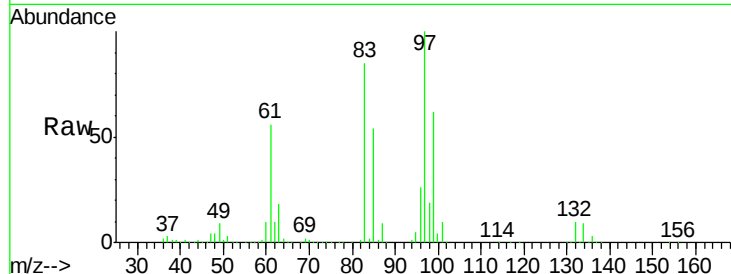




#55
1,1,2-Trichloroethane
Concen: 170.90 ug/l
RT: 9.22 min Scan# 1416
Delta R.T. 0.00 min
Lab File: VX003459.D
Acq: 18 Jul 2018 20:28

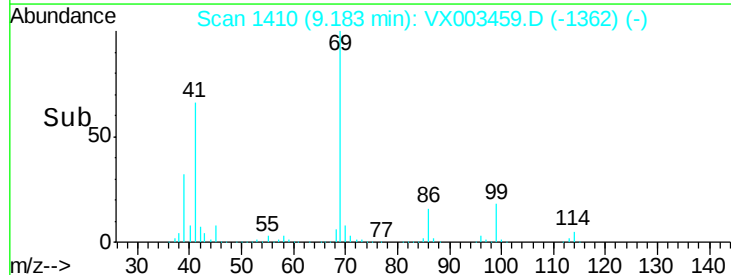
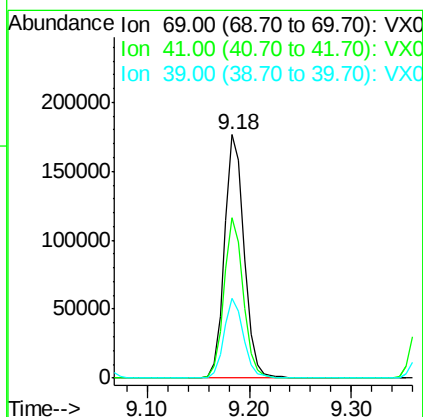
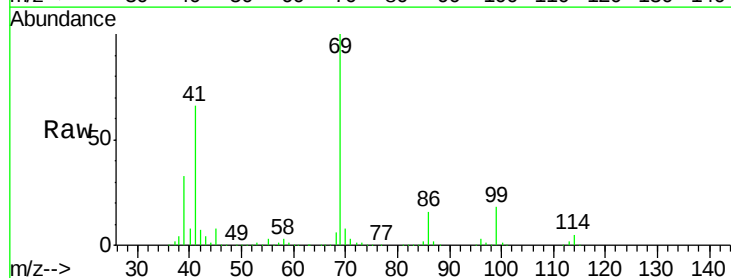
Instrument :
MSVOA_X
ClientSampleId :

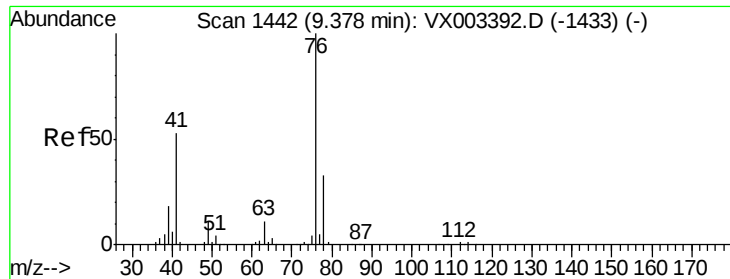
Tot Ion:	97	Resp:	163312
Ion	Ratio	Lower	Upper
97	100		
83	84.7	70.2	105.2
85	53.5	44.9	67.3
99	62.1	49.8	74.8



#56
Ethyl methacrylate
Concen: 174.58 ug/l
RT: 9.18 min Scan# 1410
Delta R.T. -0.01 min
Lab File: VX003459.D
Acq: 18 Jul 2018 20:28

Tgt Ion:	69	Resp:	236209
Ion	Ratio	Lower	Upper
69	100		
41	64.8	60.3	90.5
39	32.6	35.8	53.8#

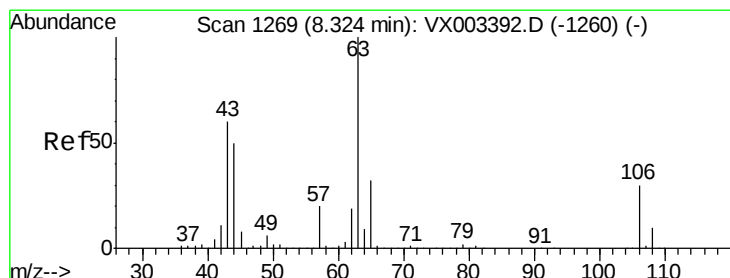
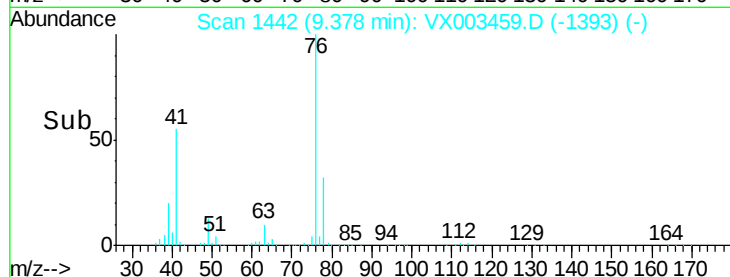
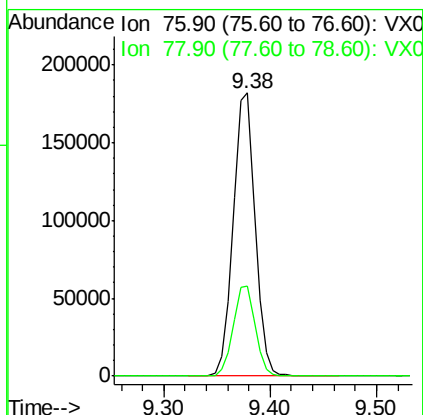
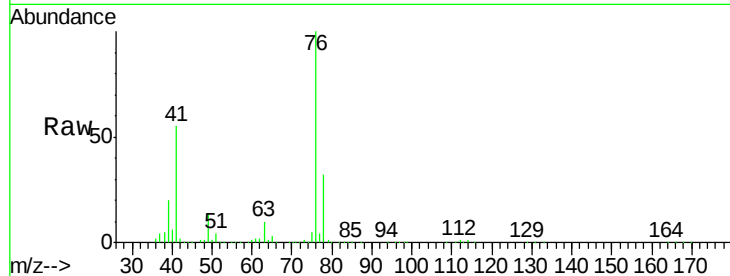




#57
 1,3-Dichloropropane
 Concen: 172.17 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX003459.D
 Acq: 18 Jul 2018 20:28

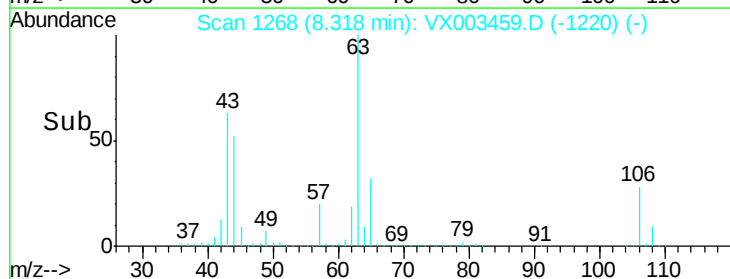
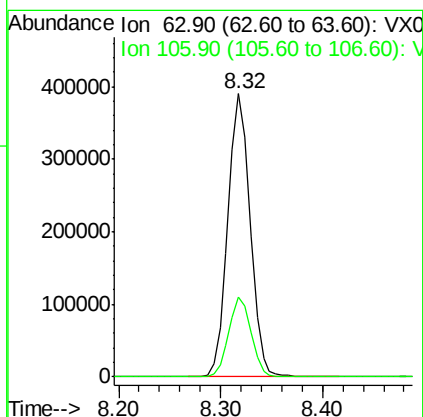
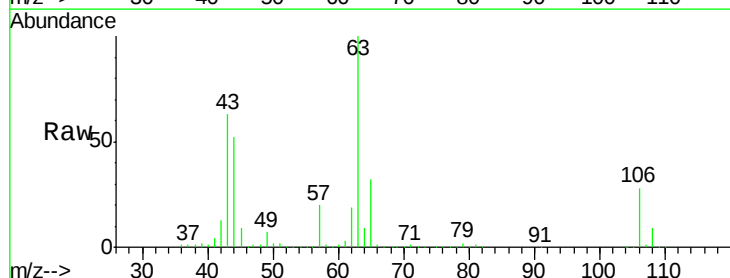
Instrument :
 MSVOA_X
 ClientSampled :

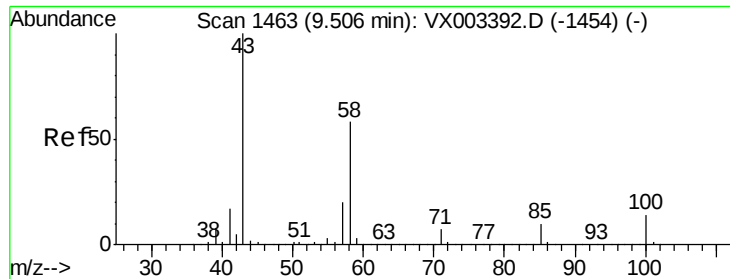
Tot Ion: 76 Resp: 264363
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 868.64 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX003459.D
 Acq: 18 Jul 2018 20:28

Tgt Ion: 63 Resp: 589354
 Ion Ratio Lower Upper
 63 100
 106 28.3 21.8 32.8

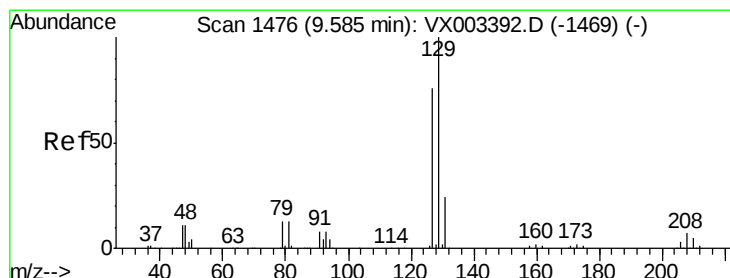
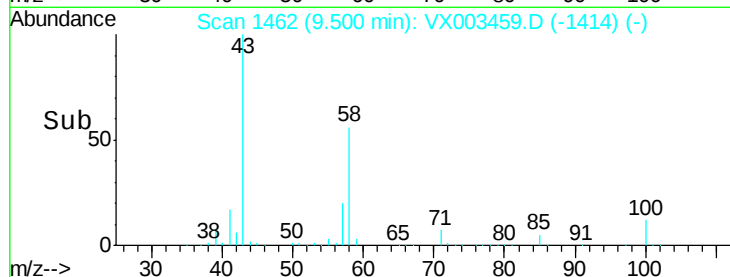
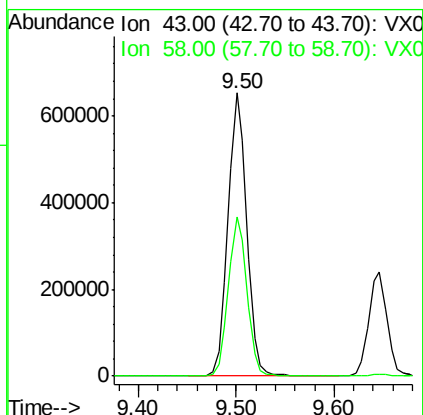
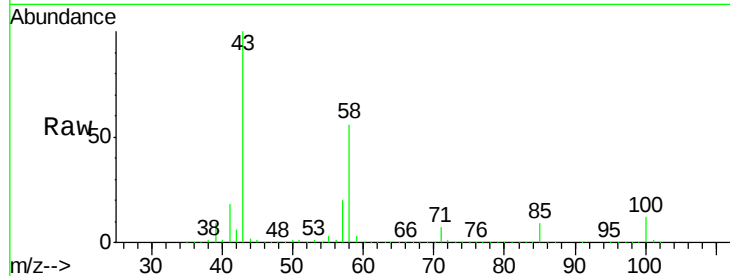




#59
2-Hexanone
Concen: 840.84 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX003459.D
Acq: 18 Jul 2018 20:28

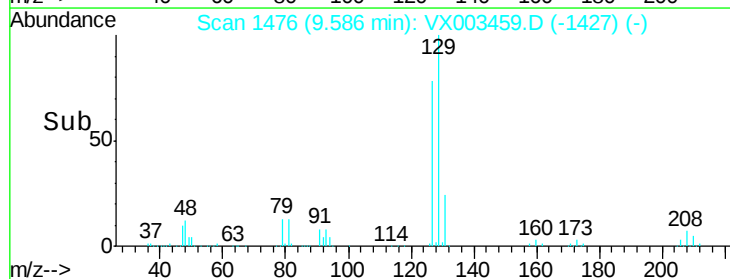
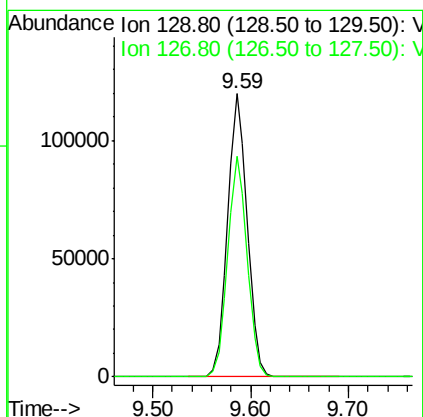
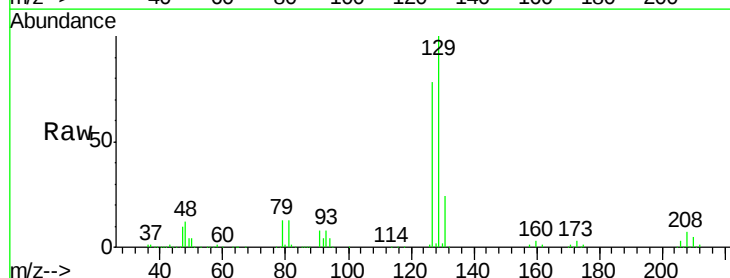
Instrument :
MSVOA_X
ClientSampled :

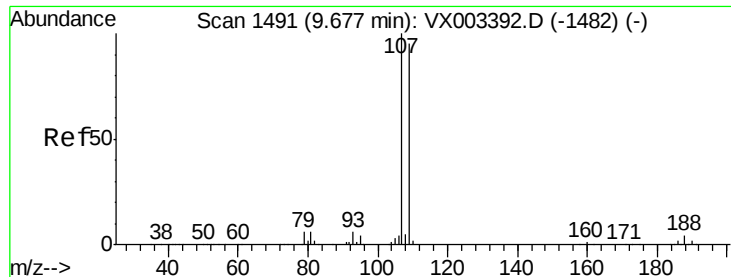
Tot Ion: 43 Resp: 868399
Ion Ratio Lower Upper
43 100
58 56.2 24.6 73.6



#60
Dibromochloromethane
Concen: 175.61 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX003459.D
Acq: 18 Jul 2018 20:28

Tgt Ion:129 Resp: 166745
Ion Ratio Lower Upper
129 100
127 77.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 172.41 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

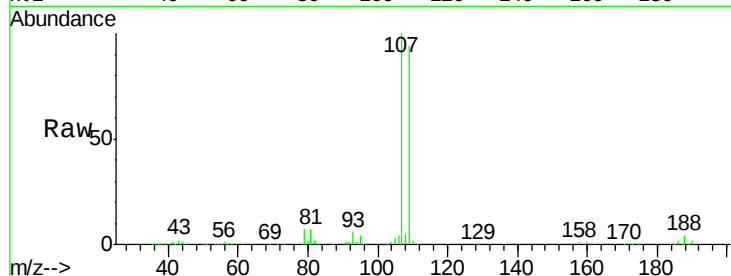
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:107 Resp: 169829

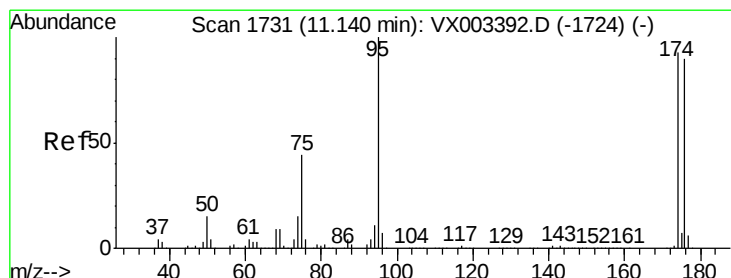
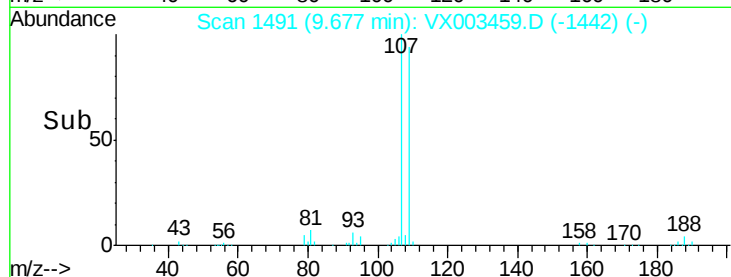
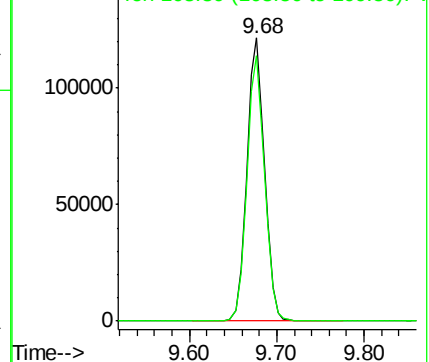
Ion Ratio Lower Upper

107 100

109 94.3 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V
Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 192.79 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

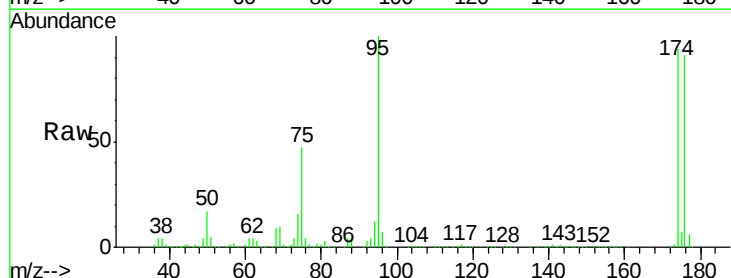
Tgt Ion: 95 Resp: 243682

Ion Ratio Lower Upper

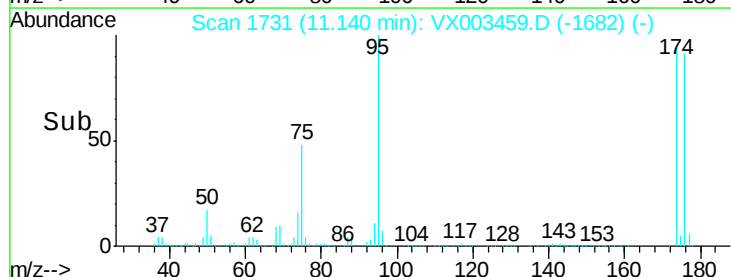
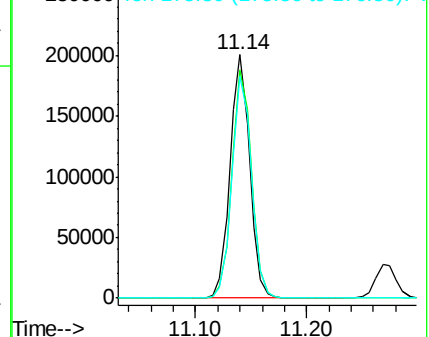
95 100

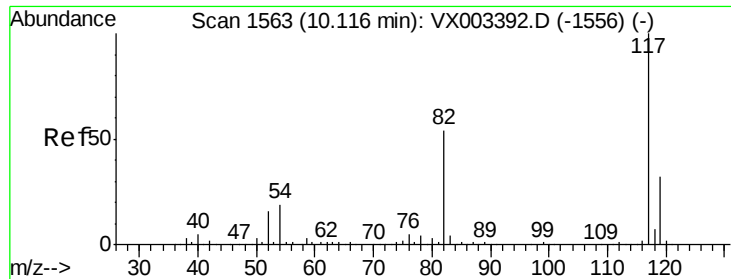
174 94.0 0.0 187.4

176 91.5 0.0 181.0



Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

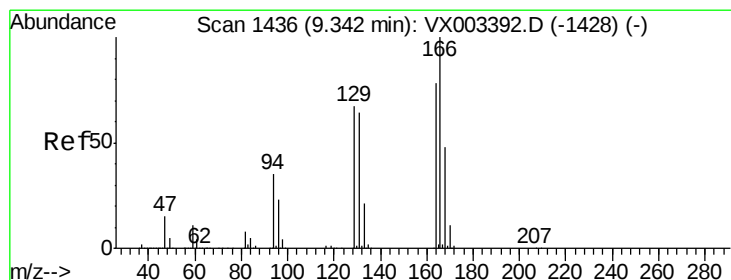
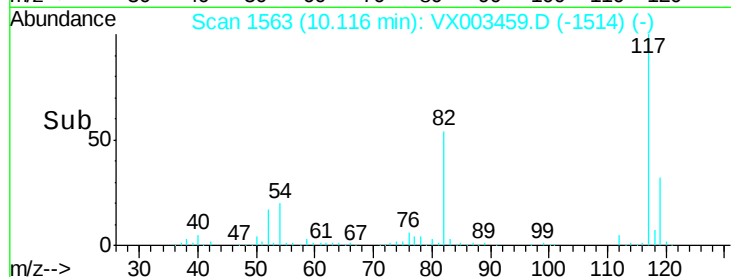
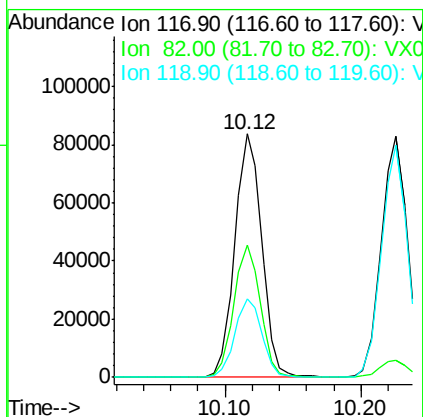
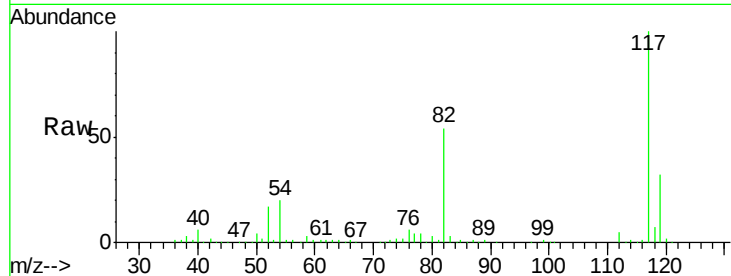




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX003459.D
Acq: 18 Jul 2018 20:28

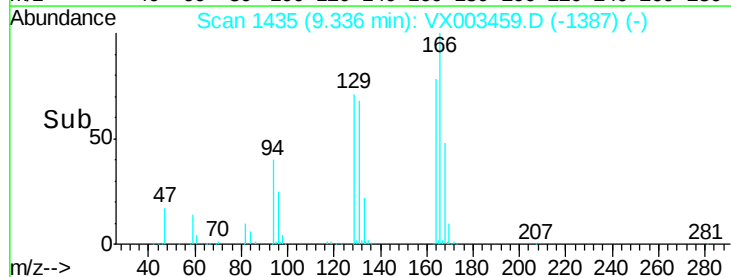
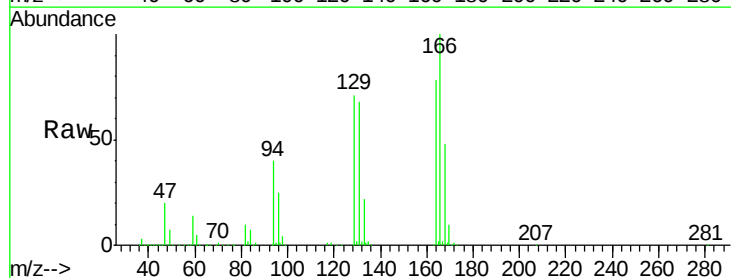
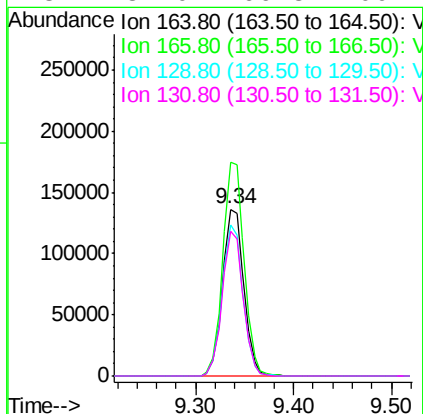
Instrument :
MSVOA_X
ClientSampled :

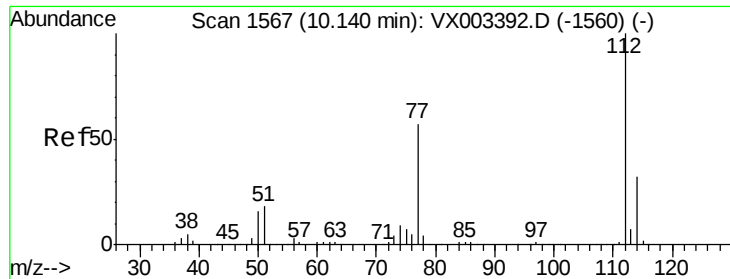
Tot Ion:117 Resp: 115835
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 169.10 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX003459.D
Acq: 18 Jul 2018 20:28

Tgt Ion:164 Resp: 204925
Ion Ratio Lower Upper
164 100
166 128.3 102.9 154.3
129 91.0 68.6 102.8
131 87.0 66.8 100.2

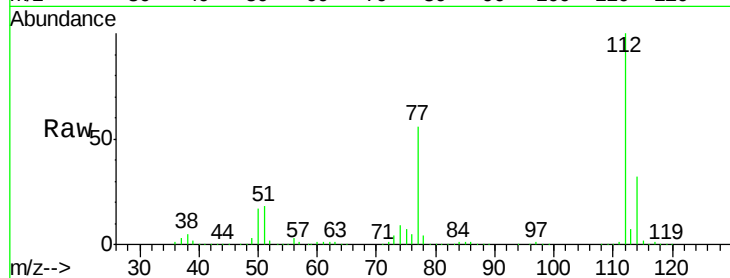




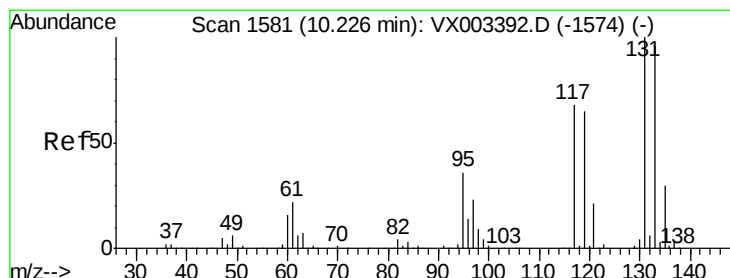
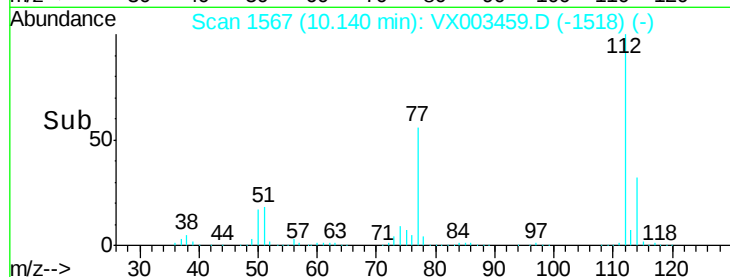
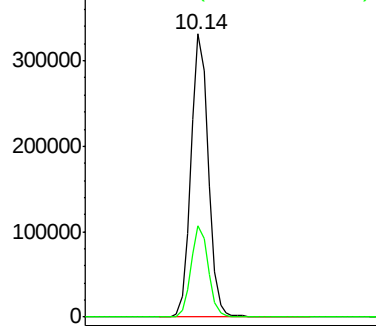
#65
Chlorobenzene
Concen: 162.54 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX003459.D
Acq: 18 Jul 2018 20:28

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:112 Resp: 444777
Ion Ratio Lower Upper
112 100
114 32.2 25.3 37.9

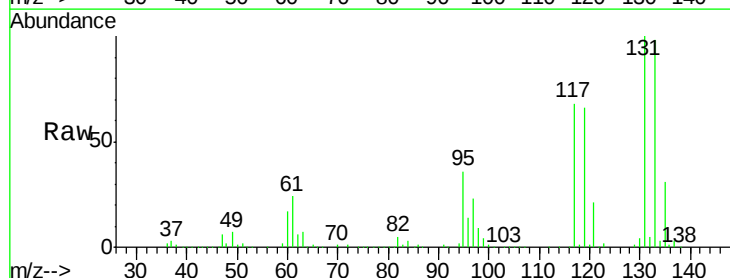


Abundance Ion 111.90 (111.60 to 112.60): V
Ion 113.90 (113.60 to 114.60): V

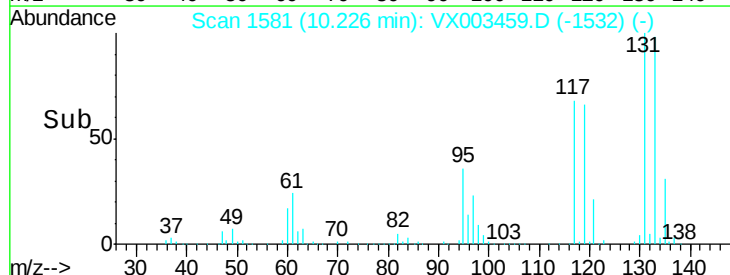
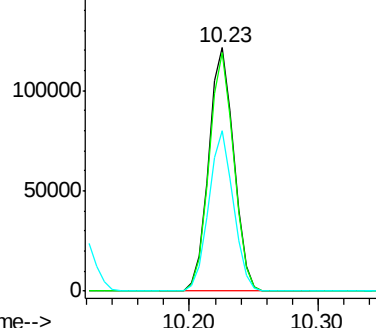


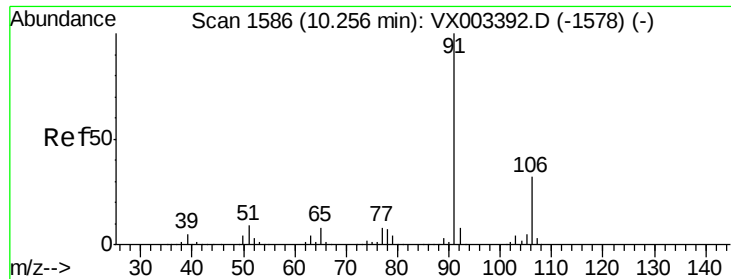
#66
1,1,1,2-Tetrachloroethane
Concen: 168.35 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX003459.D
Acq: 18 Jul 2018 20:28

Tgt Ion:131 Resp: 163759
Ion Ratio Lower Upper
131 100
133 96.2 47.9 143.6
119 64.8 31.8 95.3



Abundance Ion 130.80 (130.50 to 131.50): V
Ion 132.80 (132.50 to 133.50): V
Ion 118.80 (118.50 to 119.50): V

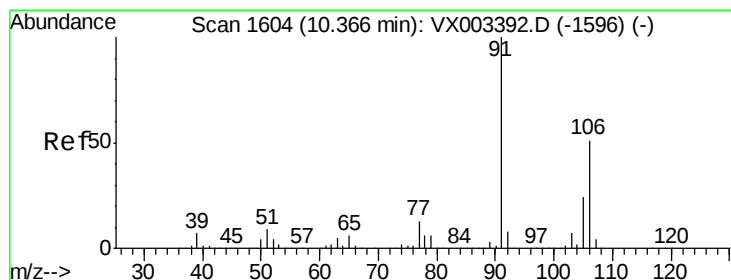
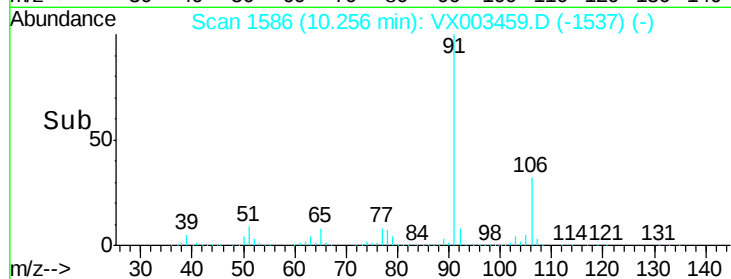
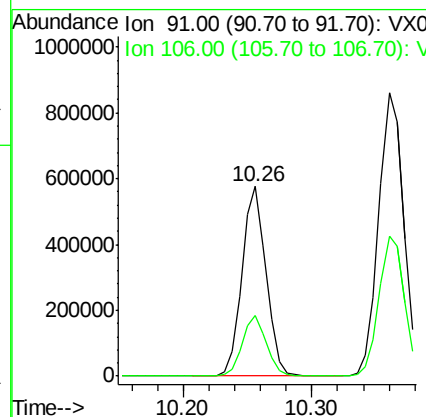
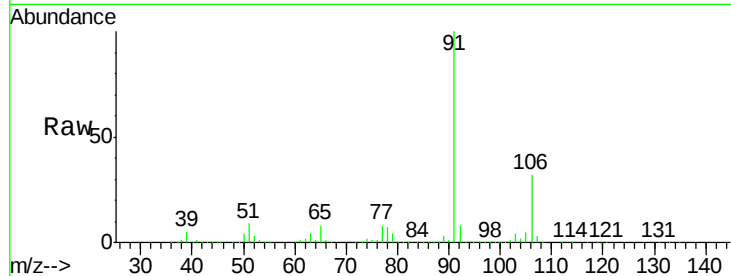




#67
Ethyl Benzene
Concen: 166.89 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX003459.D
Acq: 18 Jul 2018 20:28

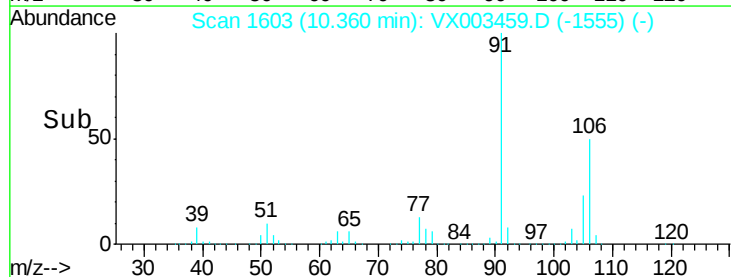
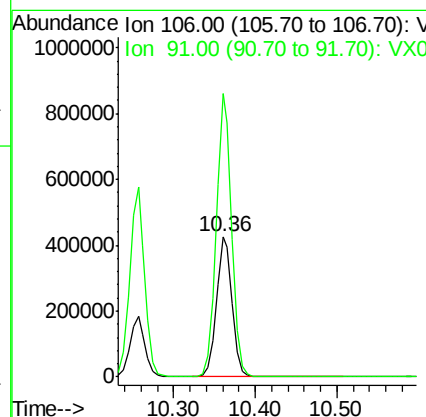
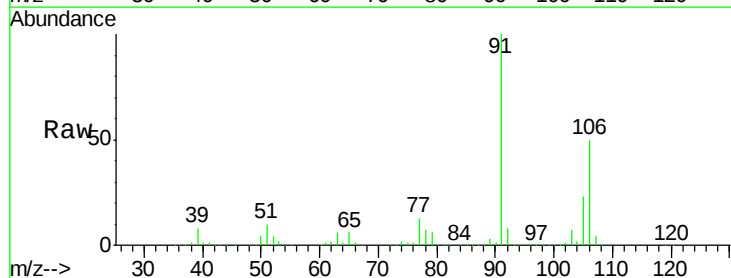
Instrument :
MSVOA_X
ClientSampleId :

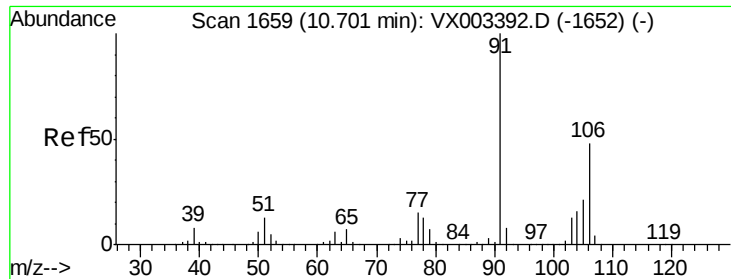
Tot Ion: 91 Resp: 746419
Ion Ratio Lower Upper
91 100
106 31.7 25.5 38.3



#68
m/p-Xylenes
Concen: 333.11 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX003459.D
Acq: 18 Jul 2018 20:28

Tgt Ion: 106 Resp: 576290
Ion Ratio Lower Upper
106 100
91 199.7 163.4 245.2

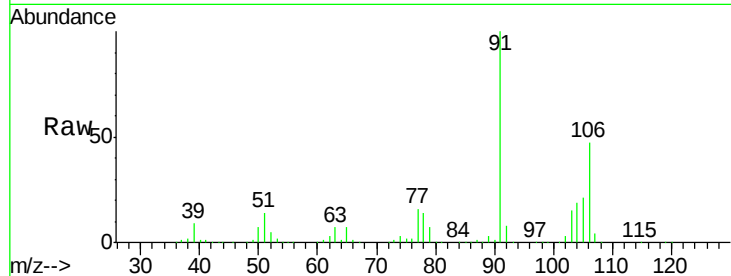




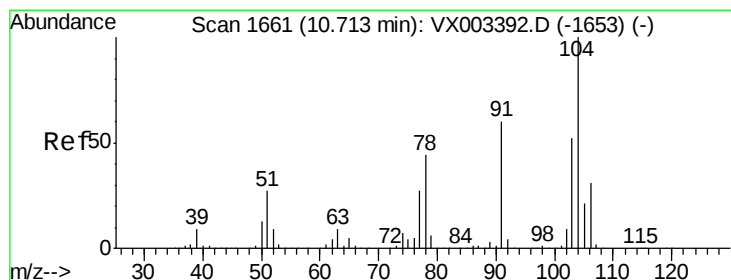
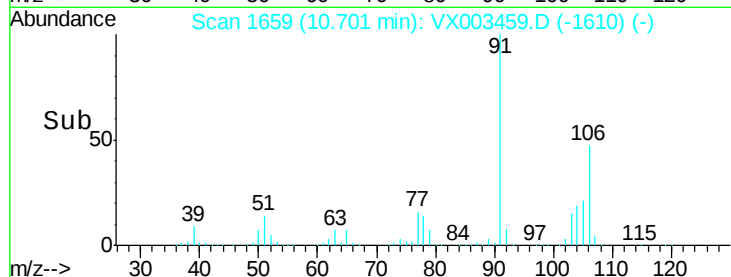
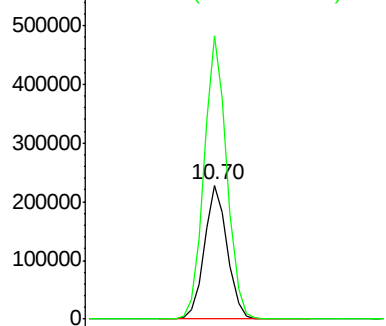
#69
o-Xylene
Concen: 169.59 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX003459.D
Acq: 18 Jul 2018 20:28

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 281801
Ion Ratio Lower Upper
106 100
91 210.6 108.2 324.6

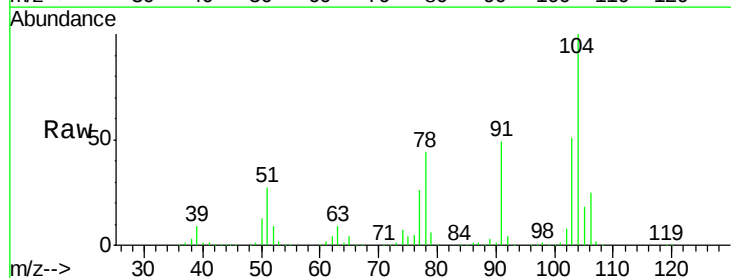


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

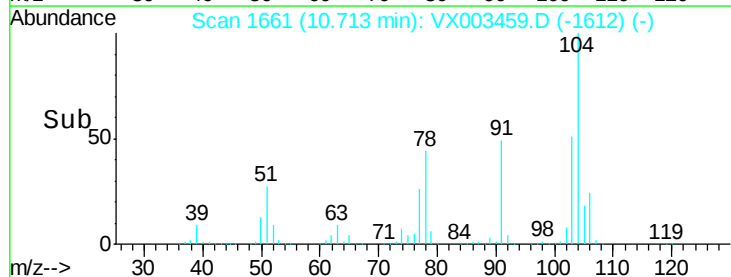
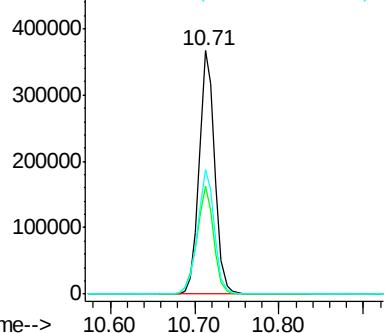


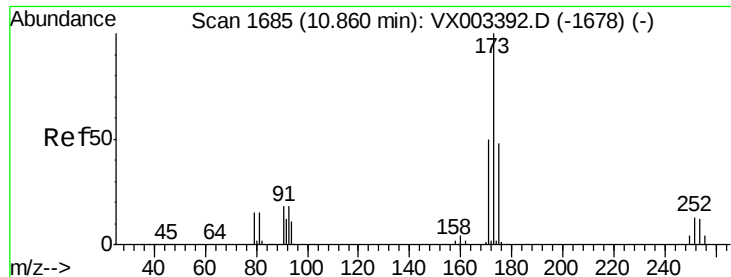
#70
Styrene
Concen: 170.65 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX003459.D
Acq: 18 Jul 2018 20:28

Tgt Ion:104 Resp: 466680
Ion Ratio Lower Upper
104 100
78 47.9 41.0 61.6
103 55.3 44.2 66.4



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





#71

Bromoform

Concen: 165.27 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

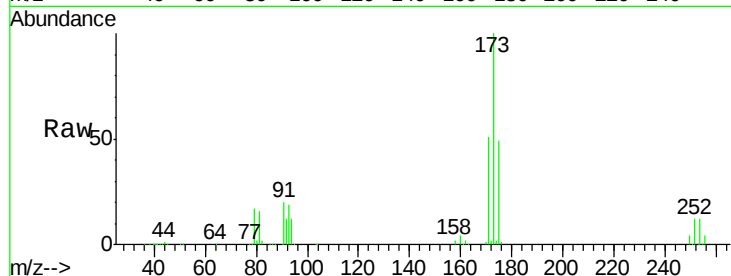
Tot Ion:173 Resp: 129314

Ion Ratio Lower Upper

173 100

175 49.3 24.7 74.1

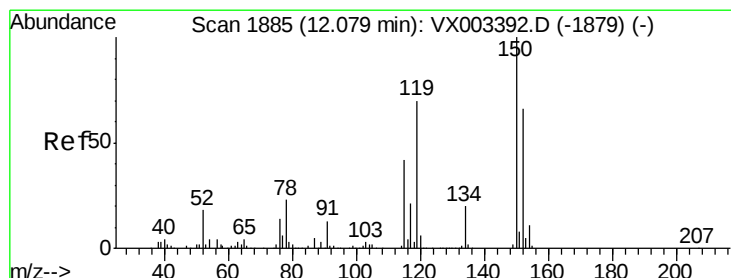
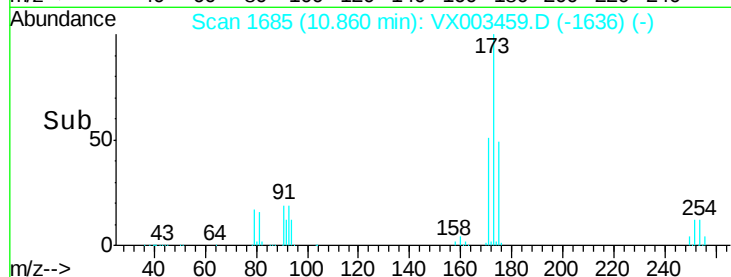
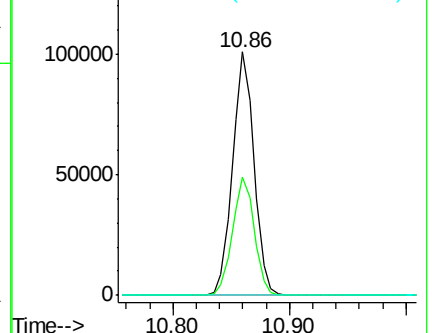
254 0.2 0.2 0.2#



Abundance Ion 172.70 (172.40 to 173.40): V

Ion 174.70 (174.40 to 175.40): V

Ion 254.40 (254.10 to 255.10): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

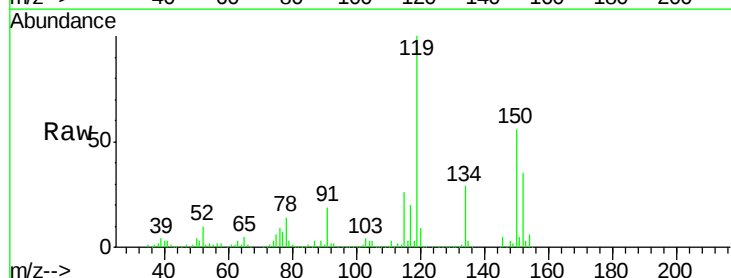
Tgt Ion:152 Resp: 77636

Ion Ratio Lower Upper

152 100

115 117.2 40.1 120.2

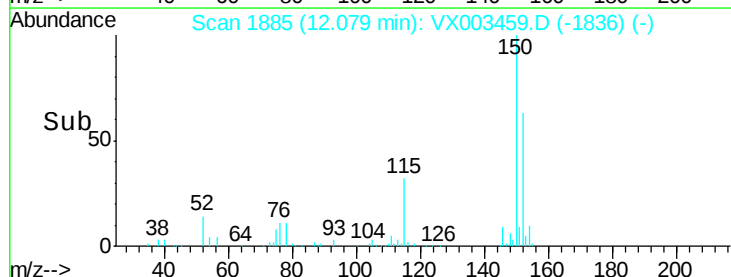
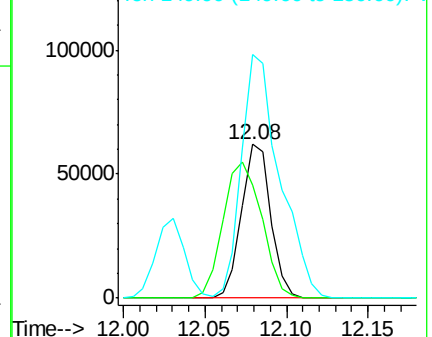
150 207.3 0.0 347.2

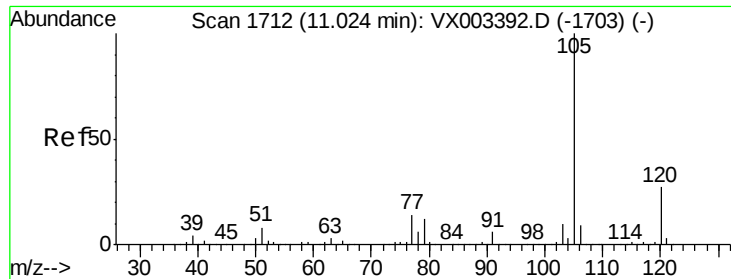


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 151.33 ug/l

RT: 11.02 min Scan# 1711

Delta R.T. -0.01 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :

MSVOA_X

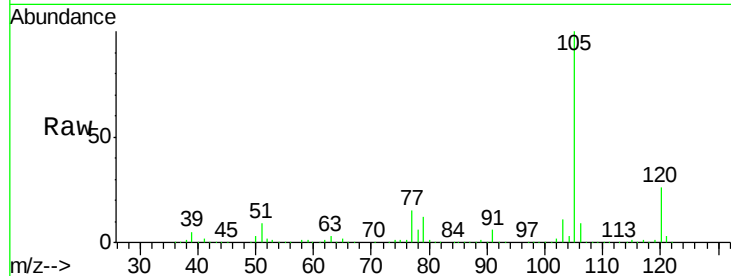
ClientSampleId :

Tot Ion:105 Resp: 752258

Ion Ratio Lower Upper

105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

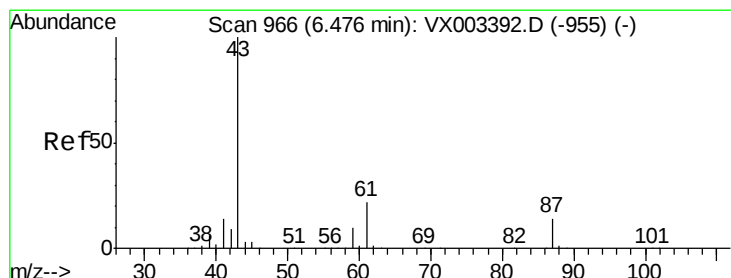
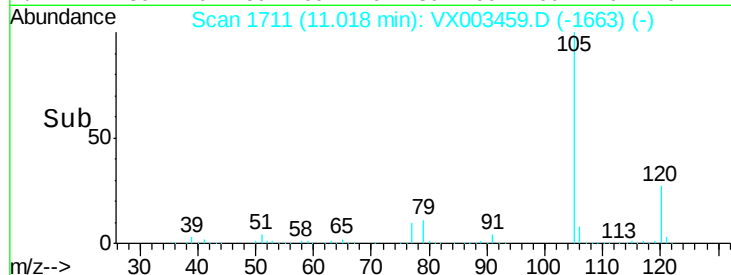
600000

400000

200000

0

Time-->



#74

N-ethyl acetate

Concen: 140.65 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Tgt Ion: 43 Resp: 336242

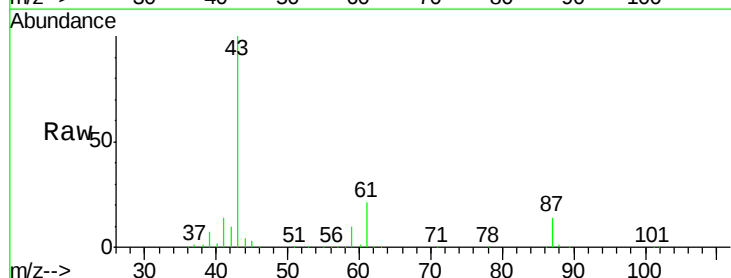
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 20.9 14.4 21.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

6.47

200000

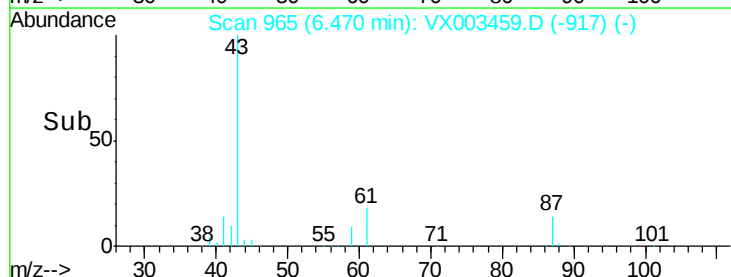
150000

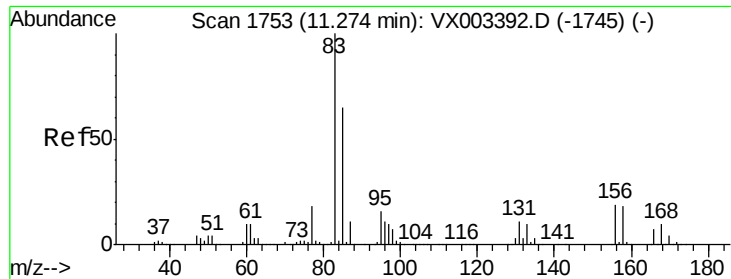
100000

50000

0

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 144.10 ug/l

RT: 11.27 min Scan# 1752

Delta R.T. -0.01 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :

MSVOA_X

ClientSampled :

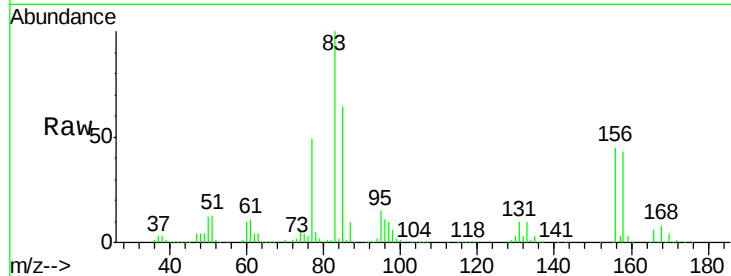
Tot Ion: 83 Resp: 236453

Ion Ratio Lower Upper

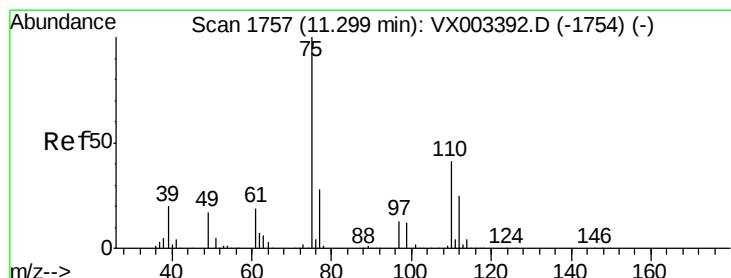
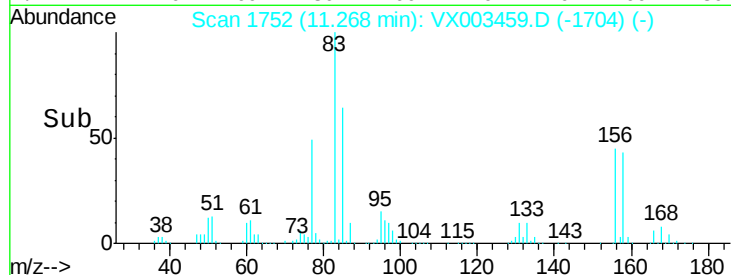
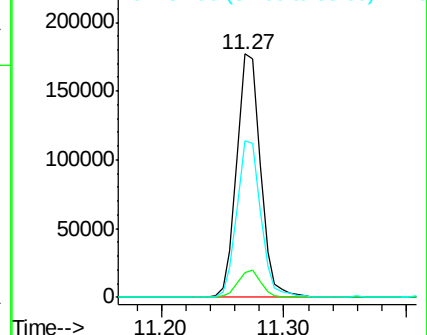
83 100

131 10.8 5.6 16.8

85 64.8 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 130.80 (130.50 to 131.50): V
Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 195.80 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX003459.D

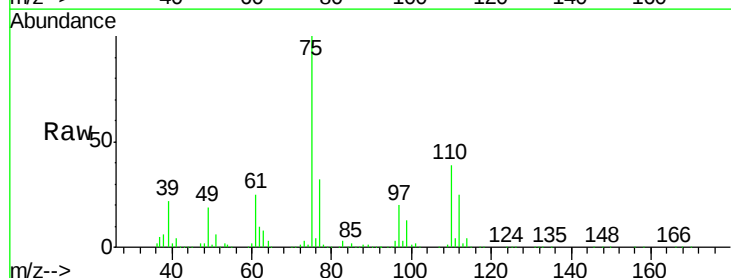
Acq: 18 Jul 2018 20:28

Tgt Ion: 75 Resp: 275197

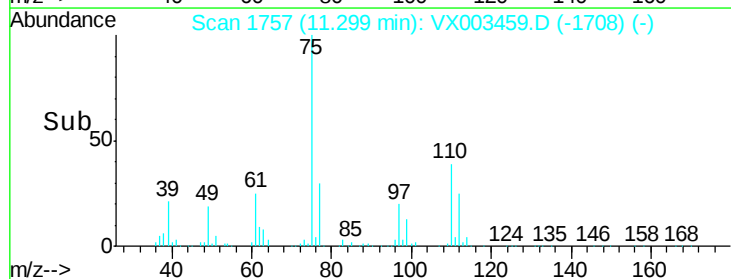
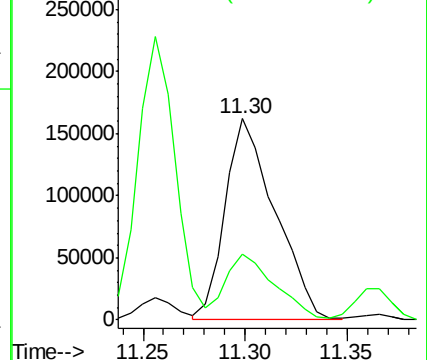
Ion Ratio Lower Upper

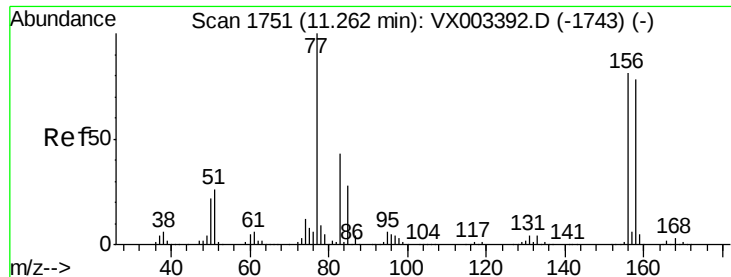
75 100

77 32.3 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 148.08 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.01 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :

MSVOA_X

ClientSampled :

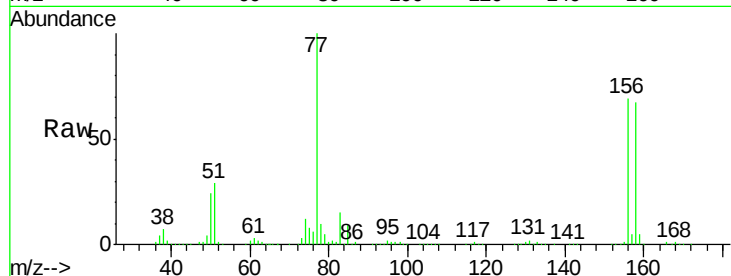
Tot Ion:156 Resp: 209072

Ion Ratio Lower Upper

156 100

77 139.5 71.4 214.2

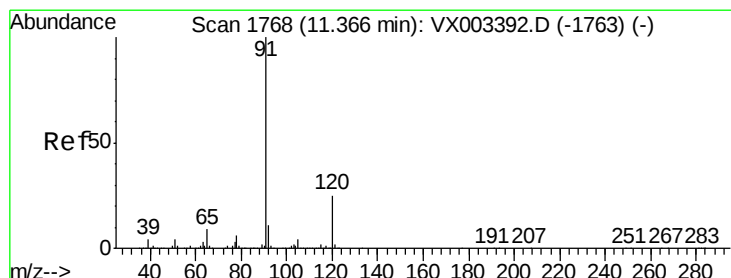
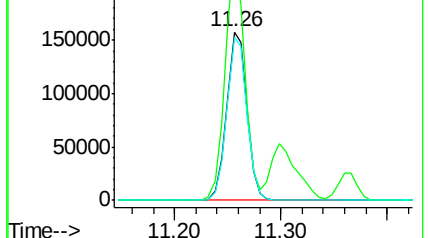
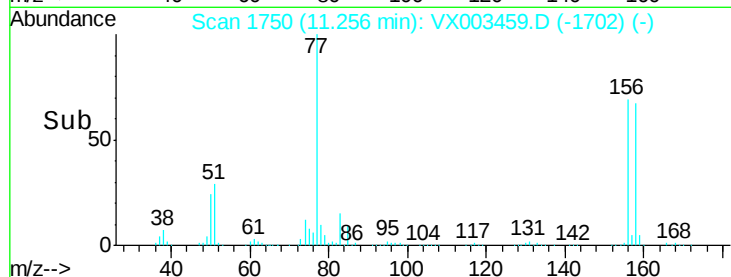
158 97.1 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 153.11 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX003459.D

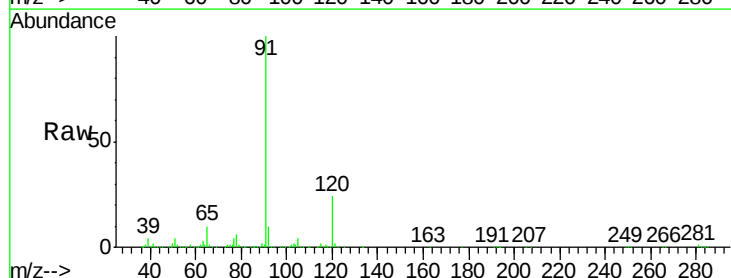
Acq: 18 Jul 2018 20:28

Tgt Ion: 91 Resp: 850308

Ion Ratio Lower Upper

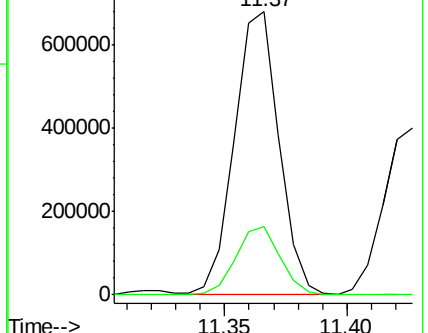
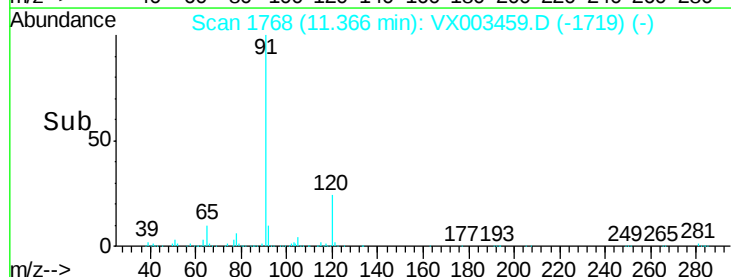
91 100

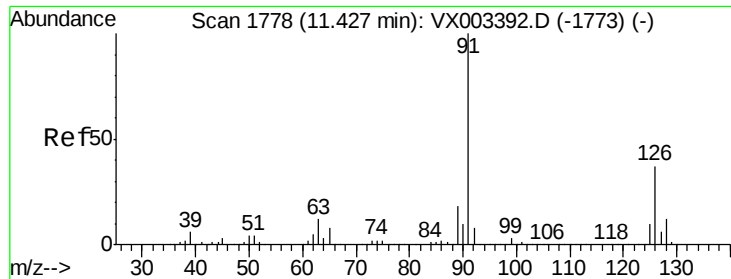
120 24.1 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 149.62 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :

MSVOA_X

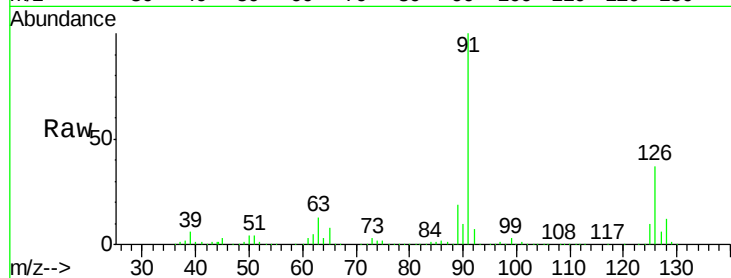
ClientSampleId :

Tot Ion: 91 Resp: 509434

Ion Ratio Lower Upper

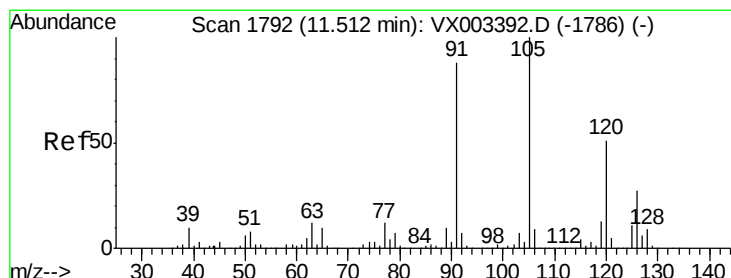
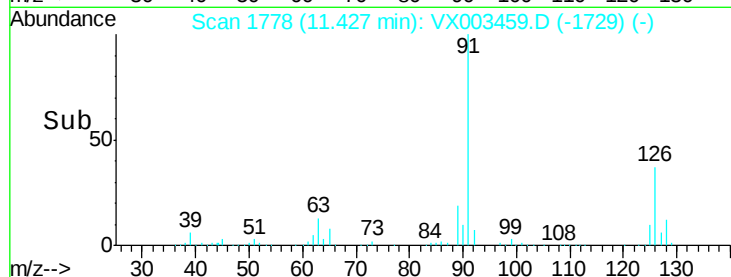
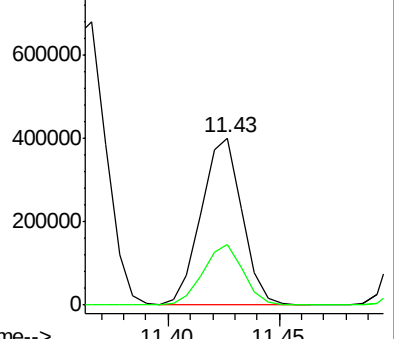
91 100

126 35.9 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 156.25 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003459.D

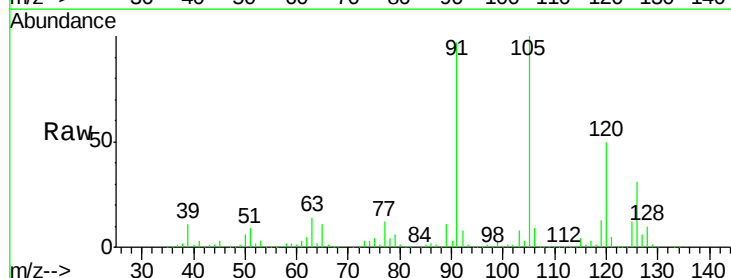
Acq: 18 Jul 2018 20:28

Tgt Ion:105 Resp: 634480

Ion Ratio Lower Upper

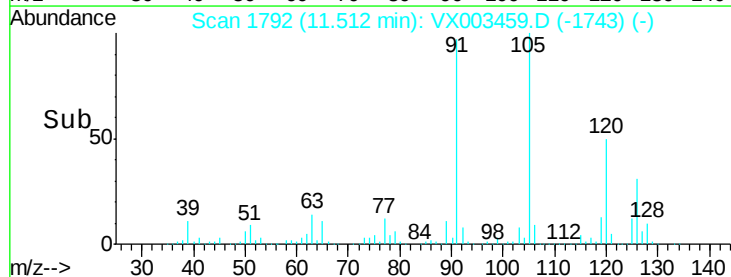
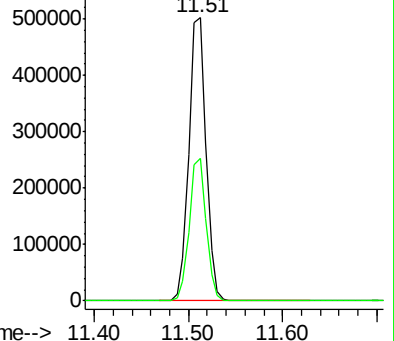
105 100

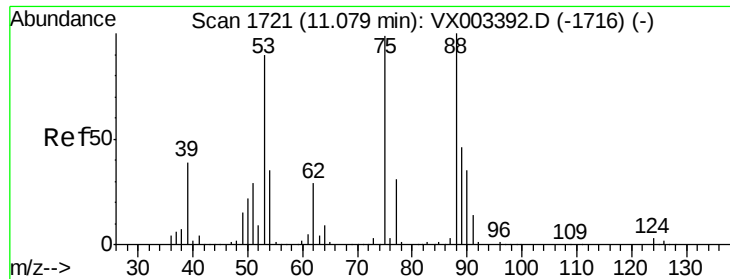
120 49.7 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 141.23 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

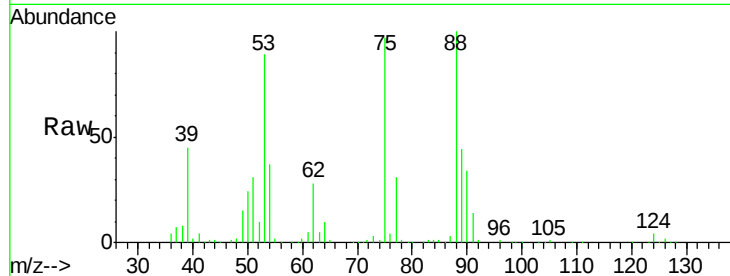
Tot Ion: 75 Resp: 61101

Ion Ratio Lower Upper

75 100

53 96.8 86.8 130.2

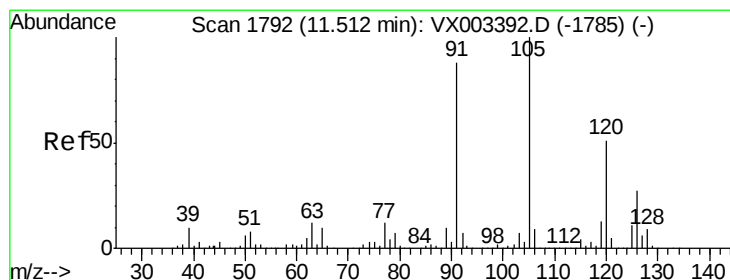
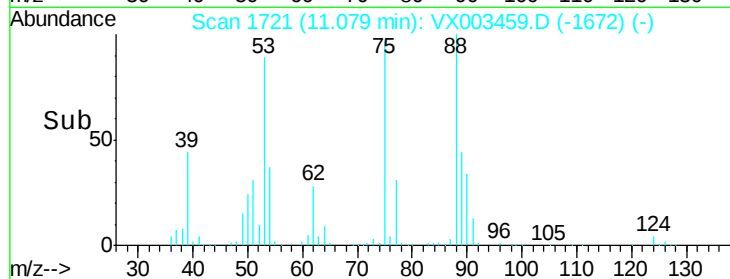
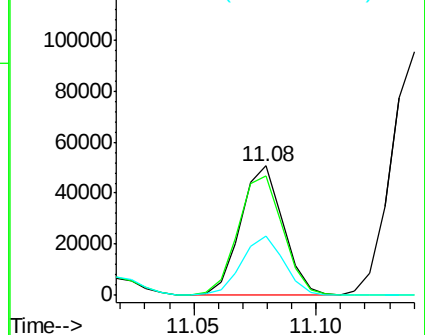
89 45.9 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 149.78 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX003459.D

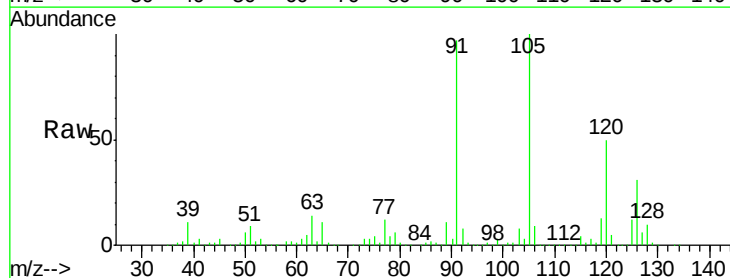
Acq: 18 Jul 2018 20:28

Tgt Ion: 91 Resp: 595002

Ion Ratio Lower Upper

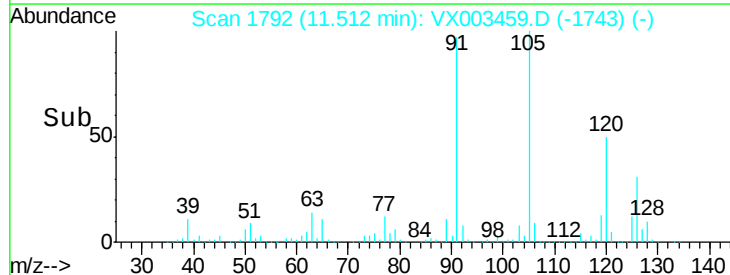
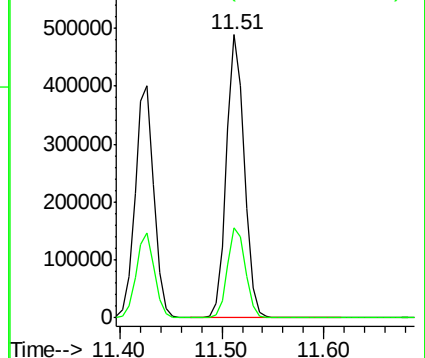
91 100

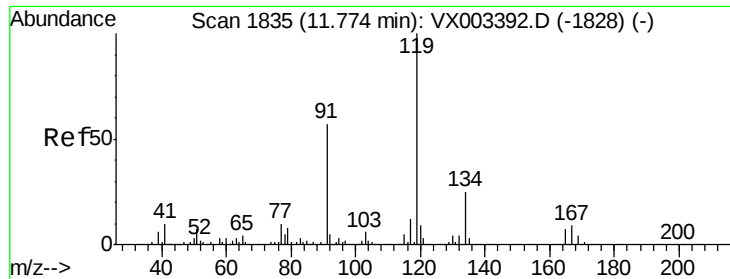
126 32.2 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

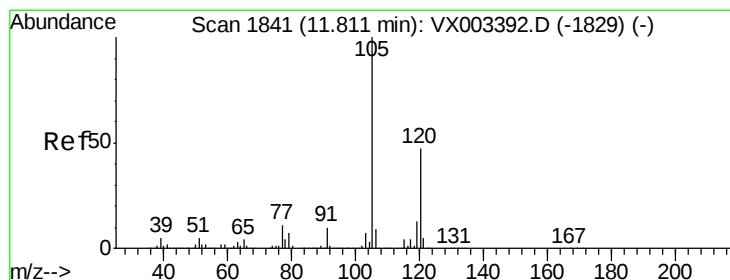
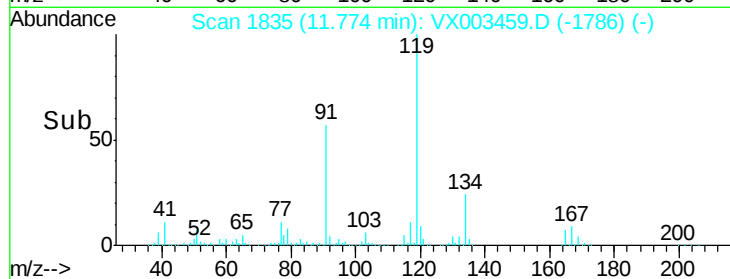
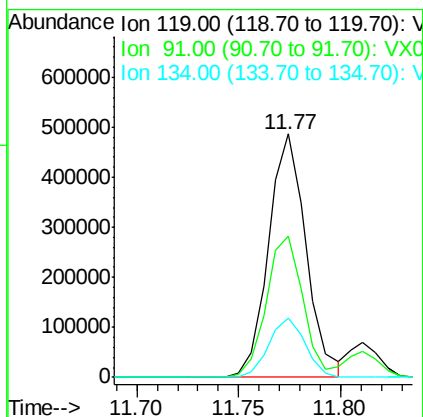
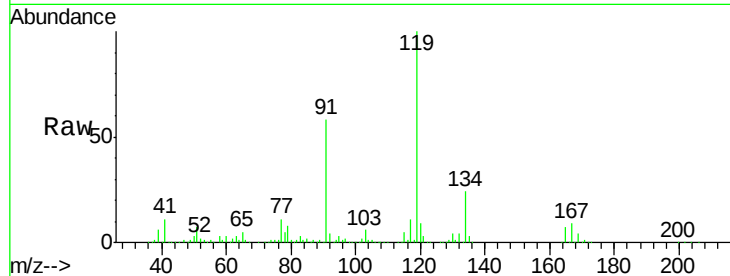




#83
 tert-Butylbenzene
 Concen: 156.54 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003459.D
 Acq: 18 Jul 2018 20:28

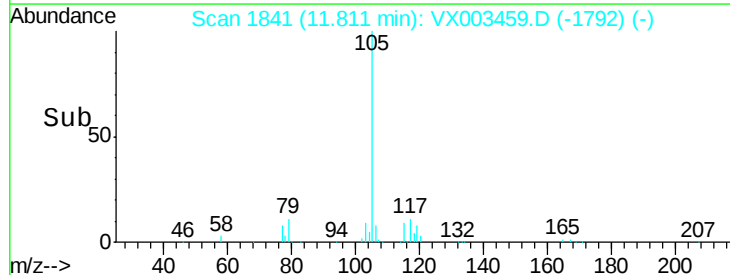
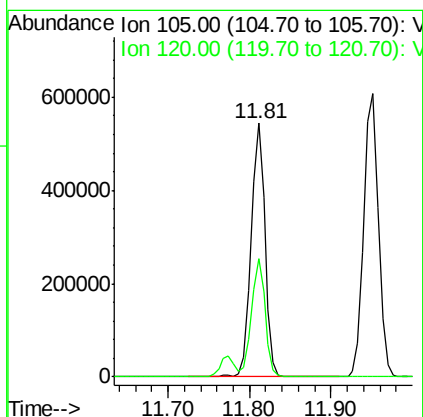
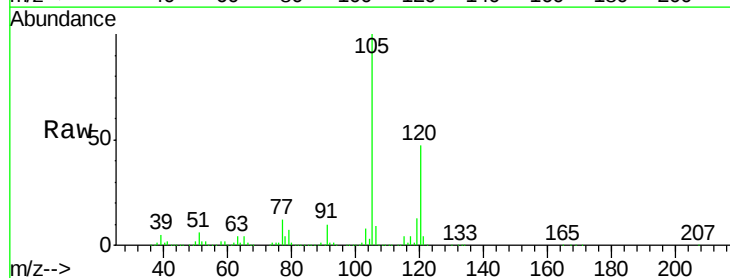
Instrument :
 MSVOA_X
 ClientSampleId :

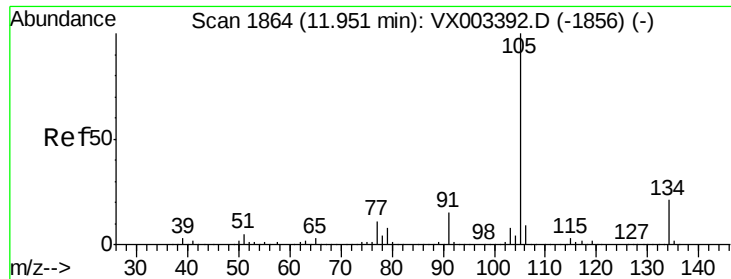
Tot Ion:119 Resp: 621264
 Ion Ratio Lower Upper
 119 100
 91 56.5 30.3 90.9
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 155.90 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003459.D
 Acq: 18 Jul 2018 20:28

Tgt Ion:105 Resp: 650320
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.3 66.8





#85

sec-Butylbenzene

Concen: 154.06 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :

MSVOA_X

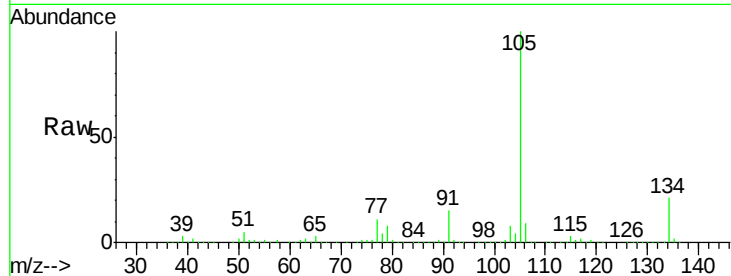
ClientSampleId :

Tot Ion:105 Resp: 741704

Ion Ratio Lower Upper

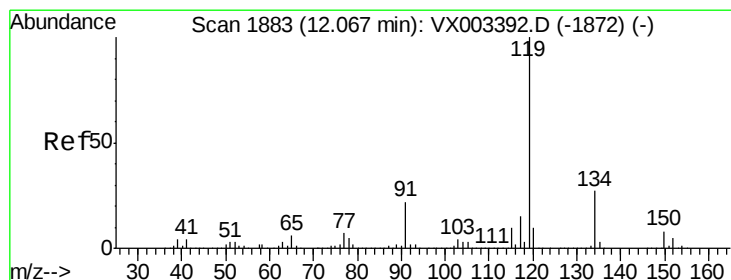
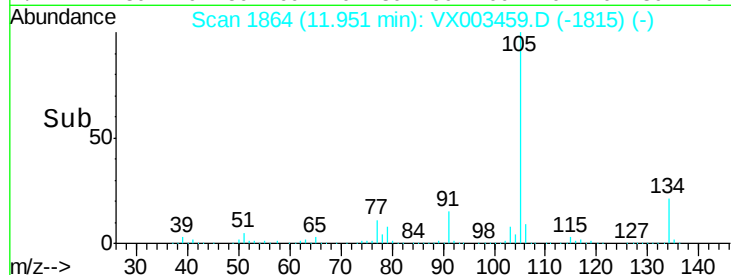
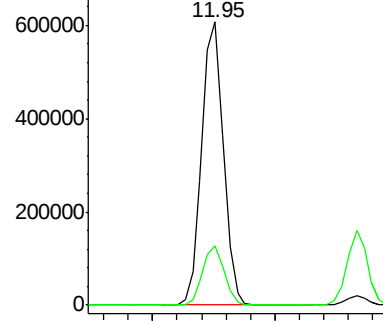
105 100

134 20.8 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 160.29 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

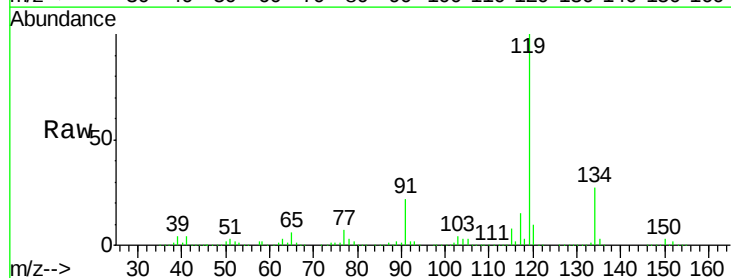
Tgt Ion:119 Resp: 686933

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

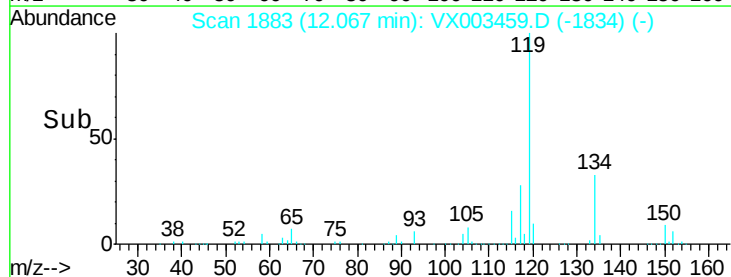
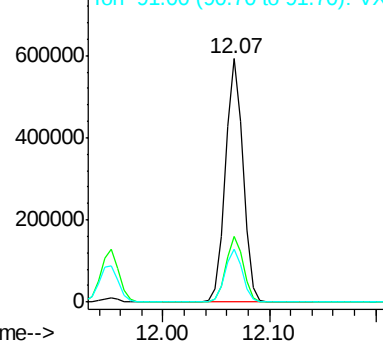
91 21.7 11.9 35.7

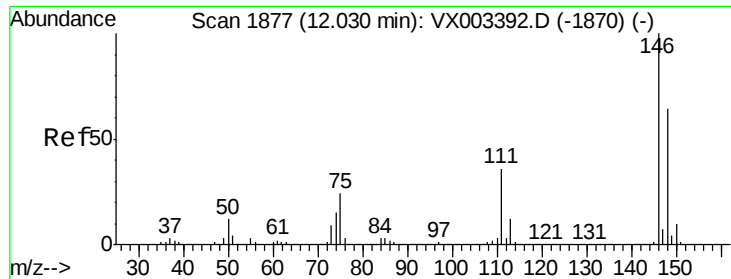


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 151.68 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

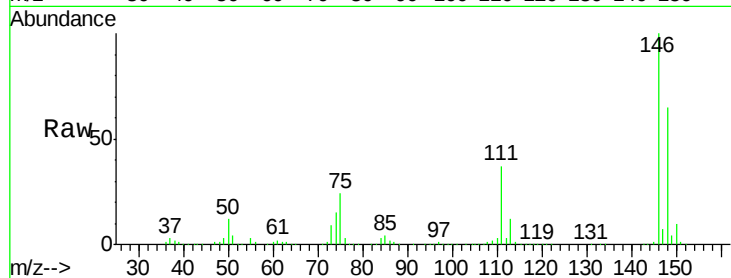
Tot Ion:146 Resp: 391969

Ion Ratio Lower Upper

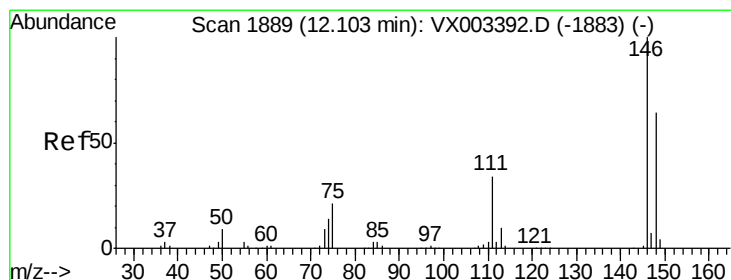
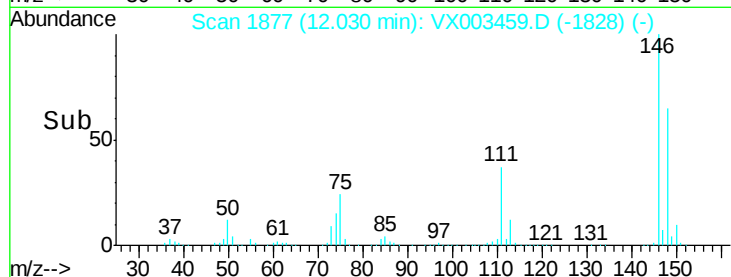
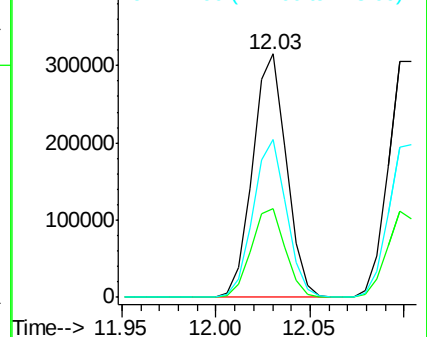
146 100

111 36.9 18.9 56.7

148 64.1 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 149.57 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

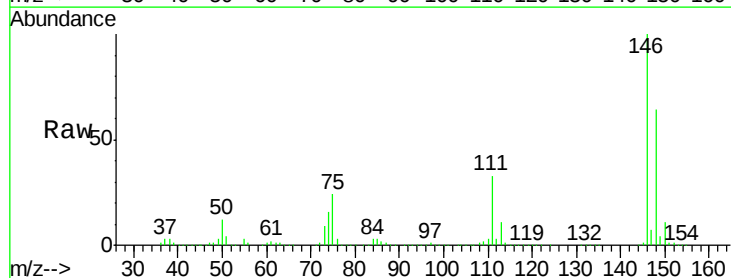
Tgt Ion:146 Resp: 392483

Ion Ratio Lower Upper

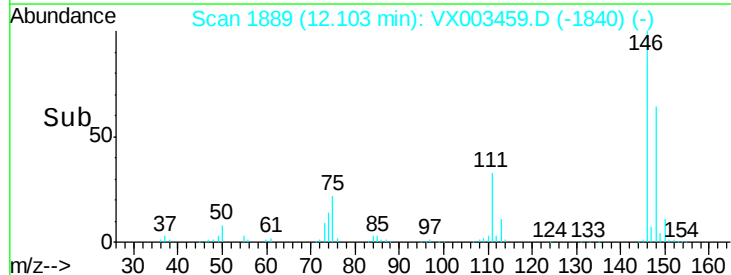
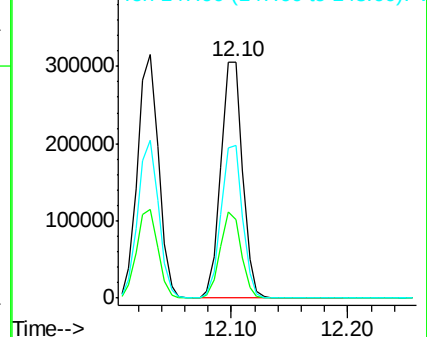
146 100

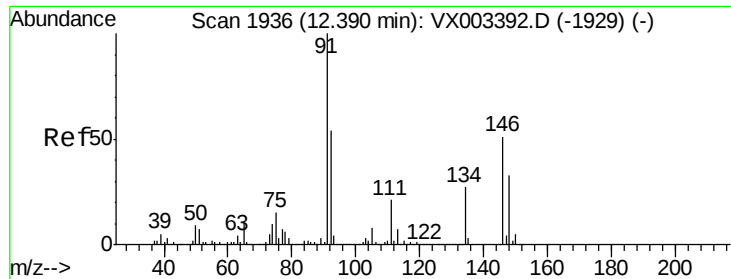
111 35.4 18.7 56.1

148 63.9 32.4 97.0



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





#89

n-Butylbenzene

Concen: 156.17 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

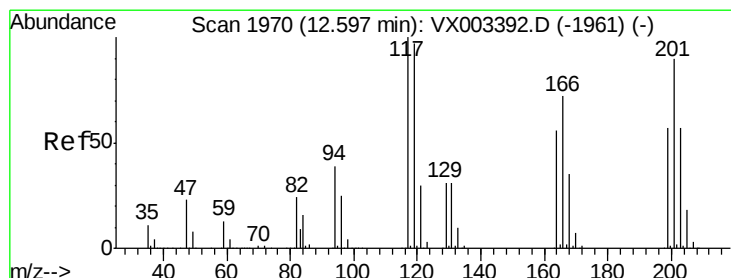
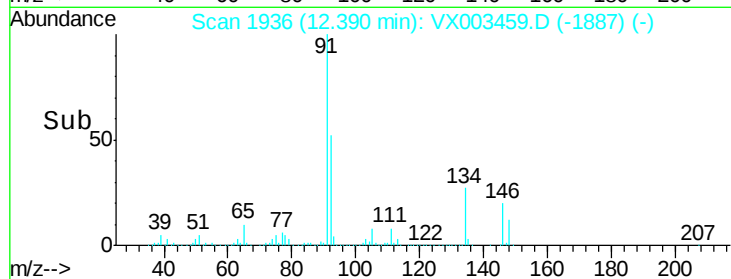
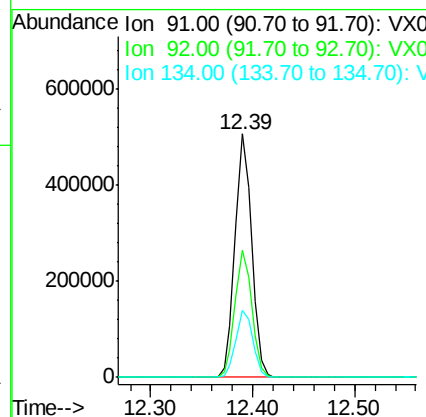
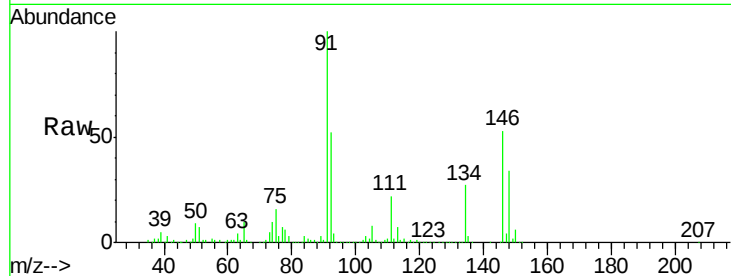
Tot Ion: 91 Resp: 570113

Ion Ratio Lower Upper

91 100

92 52.7 26.0 78.0

134 28.0 13.5 40.5



#90

Hexachloroethane

Concen: 155.35 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX003459.D

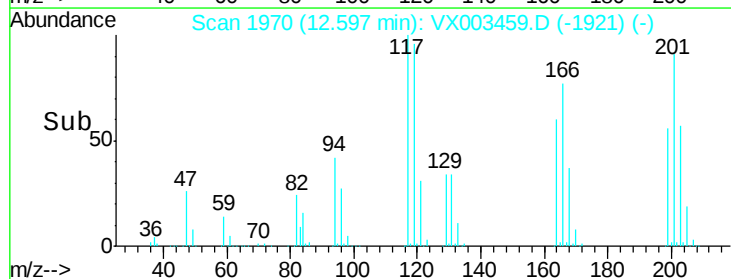
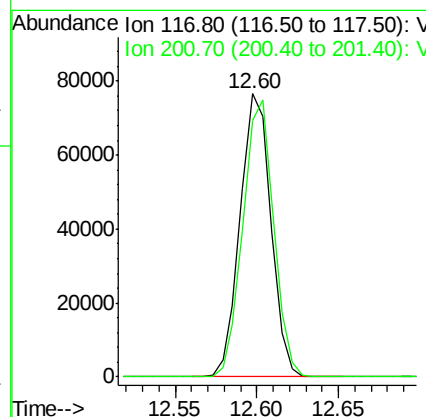
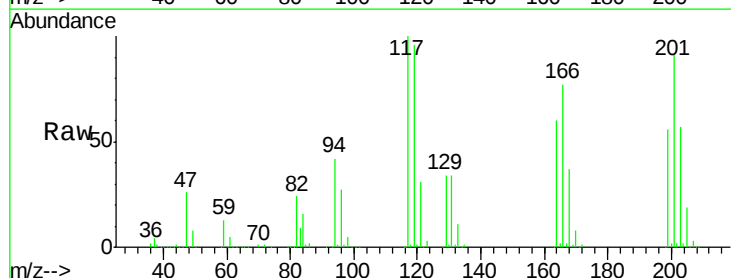
Acq: 18 Jul 2018 20:28

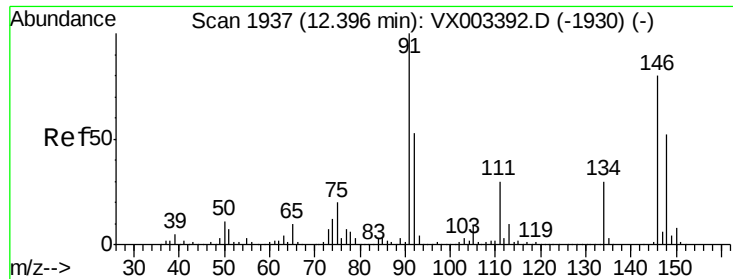
Tgt Ion: 117 Resp: 100878

Ion Ratio Lower Upper

117 100

201 97.9 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 153.05 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :

MSVOA_X

ClientSampled :

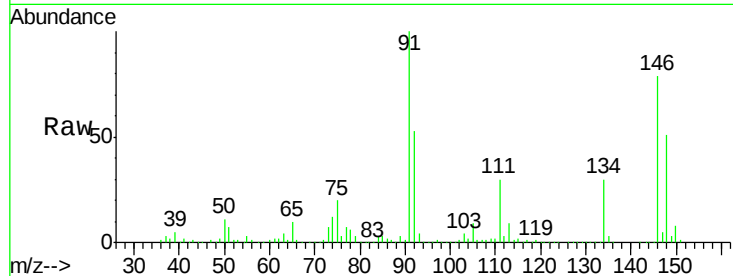
Tot Ion:146 Resp: 397217

Ion Ratio Lower Upper

146 100

111 38.3 19.4 58.1

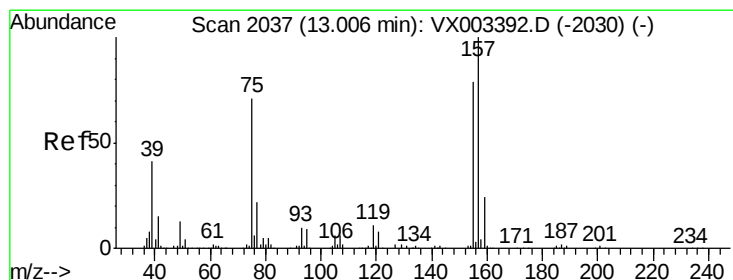
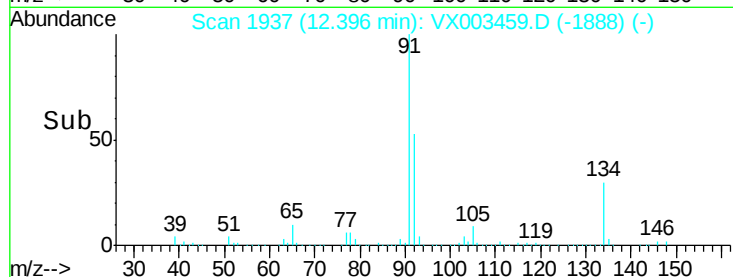
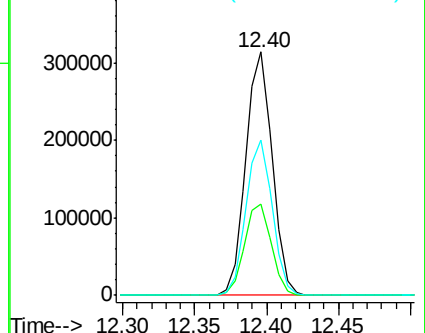
148 63.7 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 146.85 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

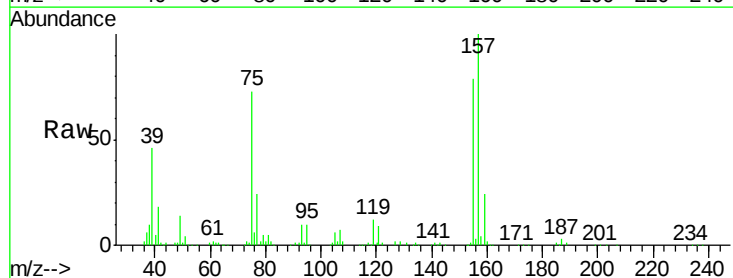
Tgt Ion: 75 Resp: 50129

Ion Ratio Lower Upper

75 100

155 99.8 45.8 137.4

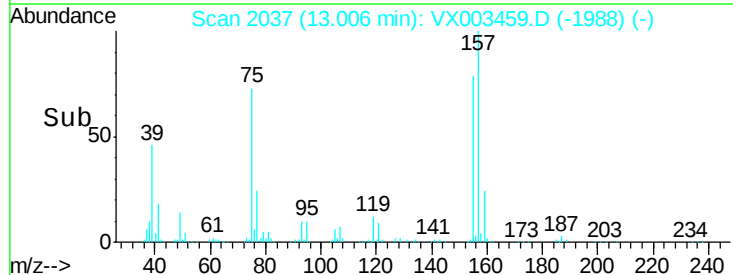
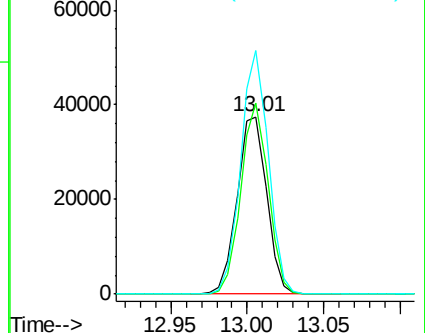
157 128.2 60.1 180.3

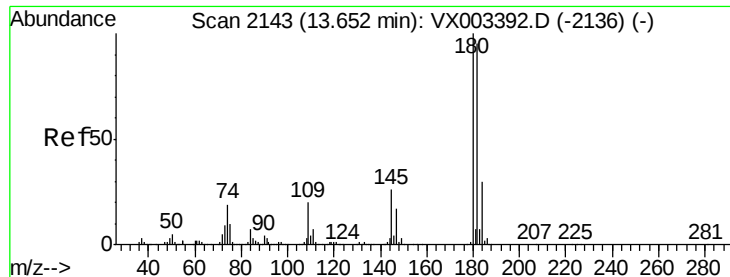


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

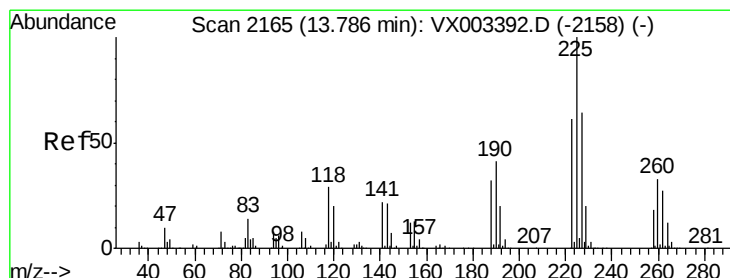
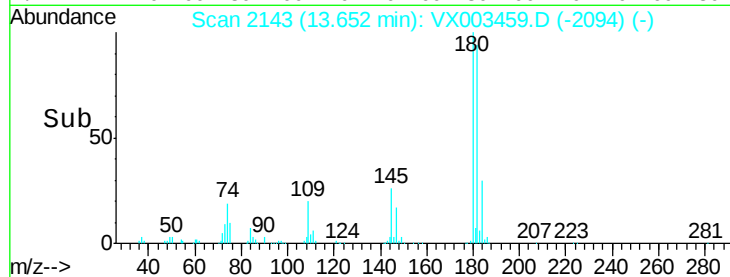
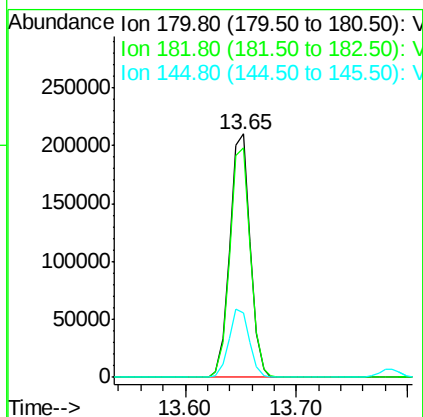
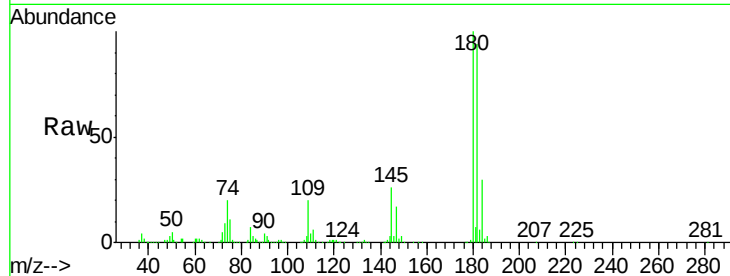




#93
 1,2,4-Trichlorobenzene
 Concen: 148.74 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX003459.D
 Acq: 18 Jul 2018 20:28

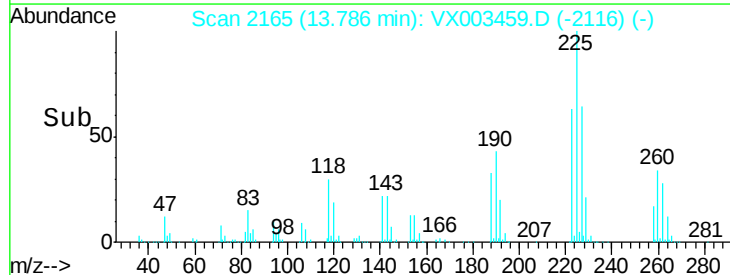
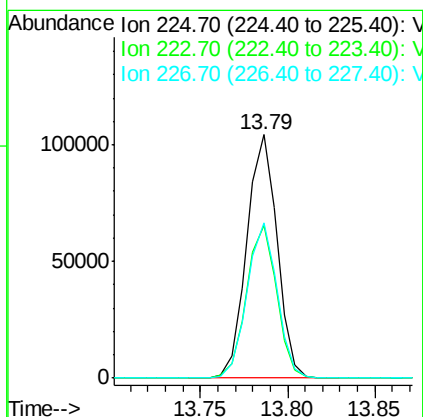
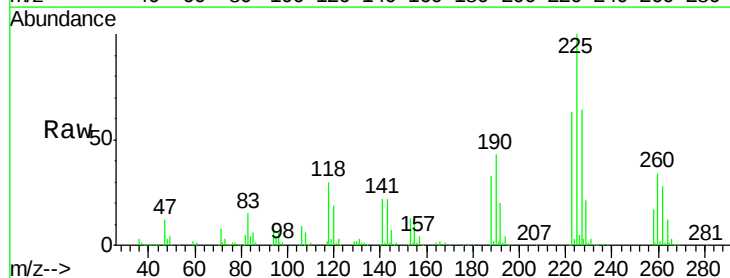
Instrument :
 MSVOA_X
 ClientSampled :

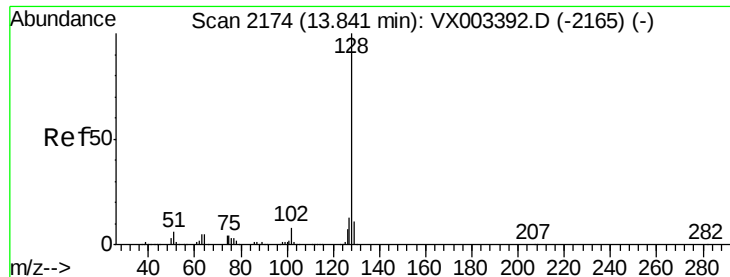
Tot Ion:180 Resp: 264142
 Ion Ratio Lower Upper
 180 100
 182 95.4 47.7 143.1
 145 28.1 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 147.11 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003459.D
 Acq: 18 Jul 2018 20:28

Tgt Ion:225 Resp: 125760
 Ion Ratio Lower Upper
 225 100
 223 62.4 31.6 95.0
 227 63.2 32.4 97.2





#95

Naphthalene

Concen: 154.99 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. -0.01 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

Instrument :

MSVOA_X

ClientSampleId :

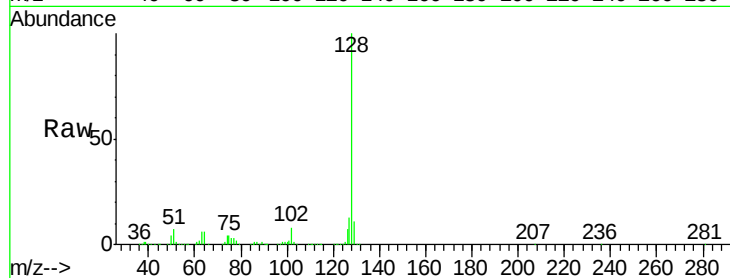
Tot Ion:128 Resp: 788944

Ion Ratio Lower Upper

128 100

127 12.7 10.4 15.6

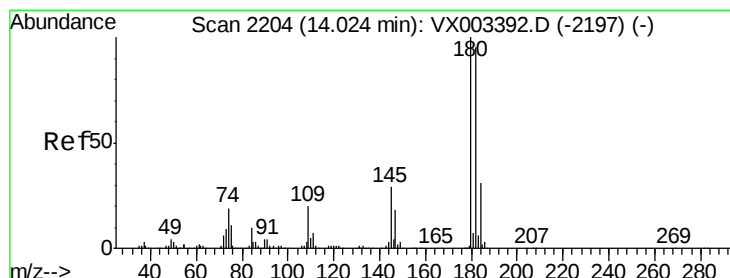
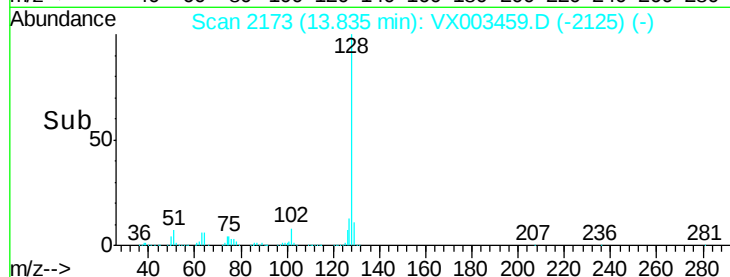
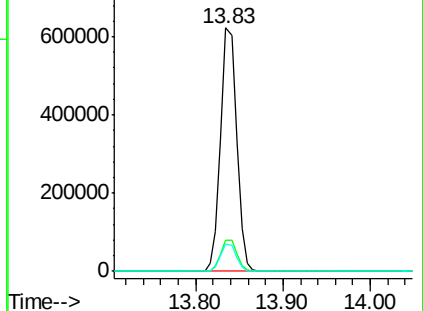
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 147.52 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003459.D

Acq: 18 Jul 2018 20:28

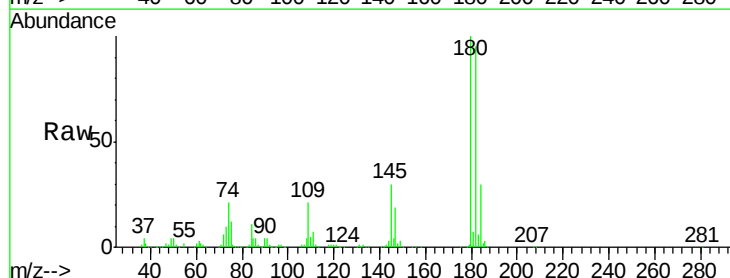
Tgt Ion:180 Resp: 269480

Ion Ratio Lower Upper

180 100

182 95.7 48.0 144.0

145 29.6 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

