

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002694.D
 Acq On : 18 Jun 2018 22:47
 Operator : JC/MD
 Sample : VX0618WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 19 05:10:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	212791	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	304150	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	289914	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178885	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	157987	48.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.72%	
35) Dibromofluoromethane	5.51	113	125023	51.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.00%	
50) Toluene-d8	8.72	98	467865	50.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.52%	
62) 4-Bromofluorobenzene	11.14	95	172027	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	39386	17.44	ug/l	98
3) Chloromethane	1.32	50	44618	16.60	ug/l	99
4) Vinyl Chloride	1.40	62	49503	17.75	ug/l	93
5) Bromomethane	1.64	94	30203	17.95	ug/l	100
6) Chloroethane	1.72	64	34335	18.68	ug/l	98
7) Trichlorofluoromethane	1.93	101	90104	19.89	ug/l	96
8) Diethyl Ether	2.19	74	32133	18.65	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	50547	19.96	ug/l	99
10) Methyl Iodide	2.51	142	43827	16.68	ug/l	99
11) Tert butyl alcohol	3.08	59	70807	105.92	ug/l	96
12) 1,1-Dichloroethene	2.37	96	45044	18.94	ug/l	98
13) Acrolein	2.30	56	19613	67.73	ug/l	96
14) Allyl chloride	2.73	41	87641	18.56	ug/l	98
15) Acrylonitrile	3.15	53	148045	101.49	ug/l	100
16) Acetone	2.45	43	138939	97.39	ug/l	99
17) Carbon Disulfide	2.57	76	104909	18.60	ug/l	98
18) Methyl Acetate	2.78	43	80754	21.25	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	172124	19.30	ug/l	98
20) Methylene Chloride	2.86	84	51525	17.61	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	48097	18.65	ug/l	99
22) Diisopropyl ether	3.88	45	164427	19.25	ug/l	99
23) Vinyl Acetate	3.83	43	754996	105.61	ug/l	100
24) 1,1-Dichloroethane	3.70	63	95599	20.62	ug/l	98
25) 2-Butanone	4.72	43	196875	105.08	ug/l	99
26) 2,2-Dichloropropane	4.58	77	52074	15.63	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	51903	19.78	ug/l	96
28) Bromochloromethane	5.03	49	43573	20.07	ug/l	96
29) Tetrahydrofuran	5.17	42	127163	103.56	ug/l	97
30) Chloroform	5.22	83	91265	20.42	ug/l	100
31) Cyclohexane	5.58	56	74443	19.50	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	77567	20.75	ug/l	99
36) 1,1-Dichloropropene	5.81	75	62145	19.24	ug/l	97
37) Ethyl Acetate	4.87	43	74886	20.48	ug/l	99
38) Carbon Tetrachloride	5.78	117	68702	21.36	ug/l	92

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 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	74157	19.64	ug/l	96
40) Benzene	6.15	78	192438	19.87	ug/l	99
41) Methacrylonitrile	5.07	41	43029	20.84	ug/l	98
42) 1,2-Dichloroethane	6.20	62	77264	20.60	ug/l	99
43) Isopropyl Acetate	6.48	43	121907	20.12	ug/l	99
44) Trichloroethene	7.22	130	56111	20.07	ug/l	98
45) 1,2-Dichloropropane	7.52	63	50935	19.98	ug/l	96
46) Dibromomethane	7.67	93	35676	20.92	ug/l	99
47) Bromodichloromethane	7.90	83	63459	21.10	ug/l	98
48) Methyl methacrylate	7.78	41	62501	20.19	ug/l	97
49) 1,4-Dioxane	7.76	88	25429	433.78	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	410447	105.53	ug/l	99
52) Toluene	8.79	92	124350	20.13	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	70609	19.28	ug/l	97
54) cis-1,3-Dichloropropene	9.05	75	63200	18.78	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	51935	20.80	ug/l	97
56) Ethyl methacrylate	9.18	69	77535	20.18	ug/l	97
57) 1,3-Dichloropropane	9.38	76	85030	20.14	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	181715	97.79	ug/l	98
59) 2-Hexanone	9.50	43	310622	105.98	ug/l	99
60) Dibromochloromethane	9.59	129	50972	20.55	ug/l	100
61) 1,2-Dibromoethane	9.68	107	53751	20.79	ug/l	100
64) Tetrachloroethene	9.34	164	62342	19.37	ug/l	97
65) Chlorobenzene	10.14	112	143796	20.20	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	52129	21.48	ug/l	99
67) Ethyl Benzene	10.26	91	240706	20.04	ug/l	100
68) m/p-Xylenes	10.37	106	185053	39.95	ug/l	99
69) o-Xylene	10.70	106	89831	19.74	ug/l	100
70) Styrene	10.71	104	150905	20.16	ug/l	99
71) Bromoform	10.86	173	38860	20.72	ug/l #	97
73) Isopropylbenzene	11.02	105	250181	20.91	ug/l	100
74) N-amyl acetate	6.48	43	121907	20.51	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	79267	22.44	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	84364	24.99	ug/l	80
77) Bromobenzene	11.26	156	68723	20.62	ug/l	98
78) n-propylbenzene	11.37	91	279899	20.40	ug/l	99
79) 2-Chlorotoluene	11.43	91	167359	20.43	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	208556	20.63	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	16084	18.15	ug/l	88
82) 4-Chlorotoluene	11.51	91	195194	20.19	ug/l	99
83) tert-Butylbenzene	11.77	119	204748	21.02	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	215590	20.90	ug/l	99
85) sec-Butylbenzene	11.95	105	250745	20.70	ug/l	100
86) p-Isopropyltoluene	12.07	119	222881	20.34	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	125558	20.54	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	126356	20.32	ug/l	100
89) n-Butylbenzene	12.39	91	189516	19.60	ug/l	99
90) Hexachloroethane	12.60	117	31210	19.94	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	127182	20.67	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	16865	22.79	ug/l	99

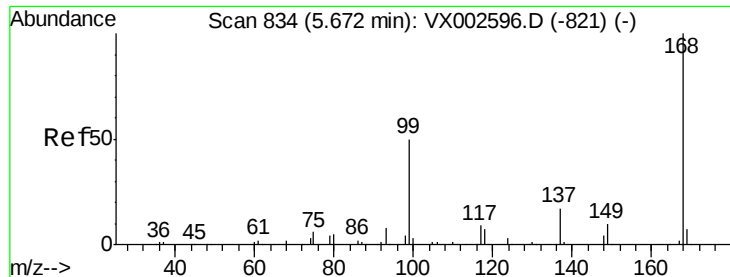
Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061818\
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	92261	20.66	ug/l	99
94) Hexachlorobutadiene	13.79	225	46359	19.71	ug/l	100
95) Naphthalene	13.84	128	261604	21.77	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	95584	21.31	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

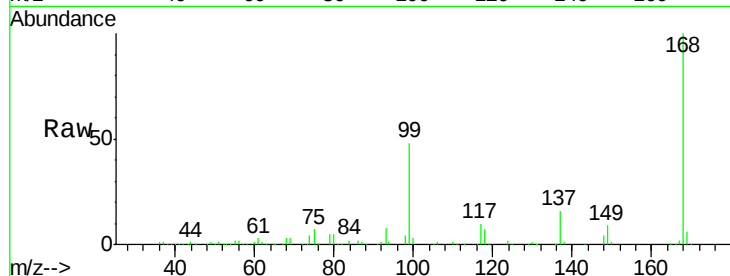
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 212791

Ion Ratio Lower Upper

168 100

99 47.7 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

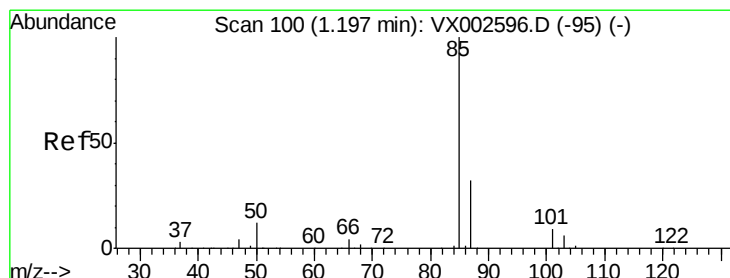
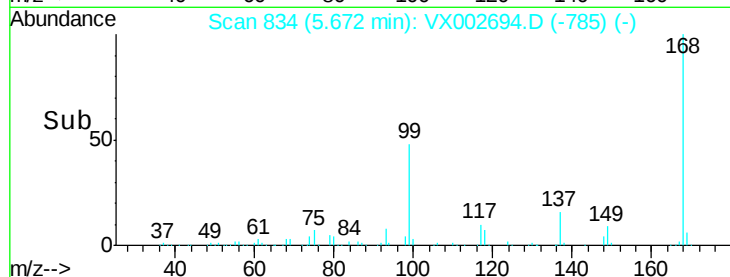
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 17.44 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002694.D

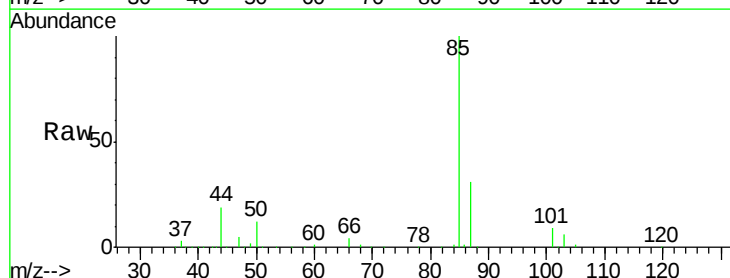
Acq: 18 Jun 2018 22:47

Tgt Ion: 85 Resp: 39386

Ion Ratio Lower Upper

85 100

87 30.8 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

40000

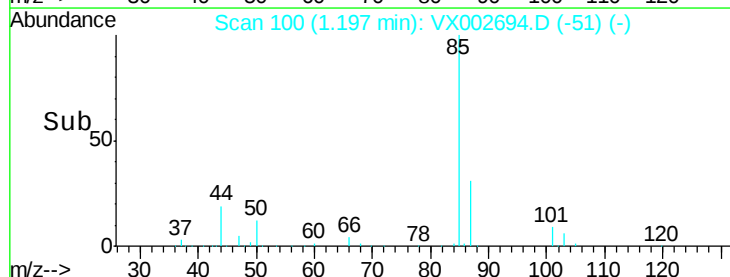
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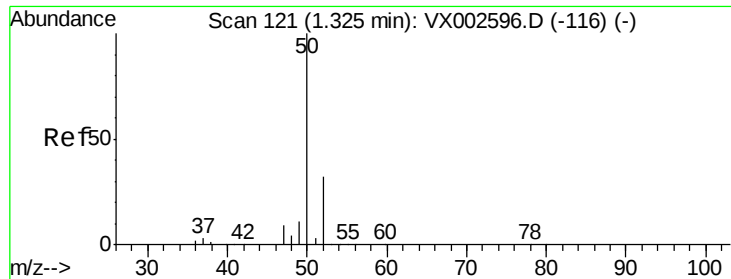
20000

10000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 16.60 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

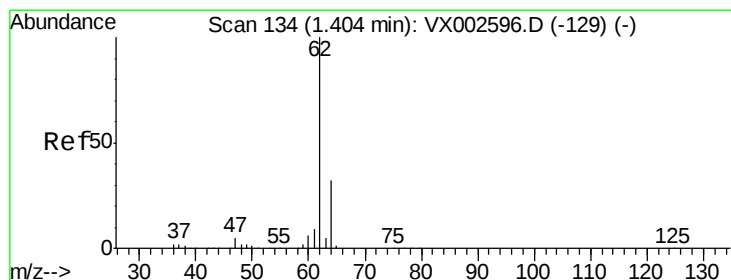
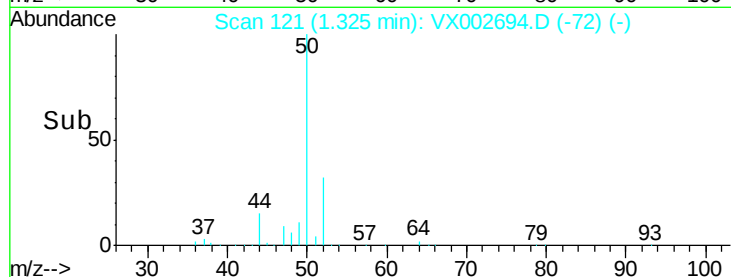
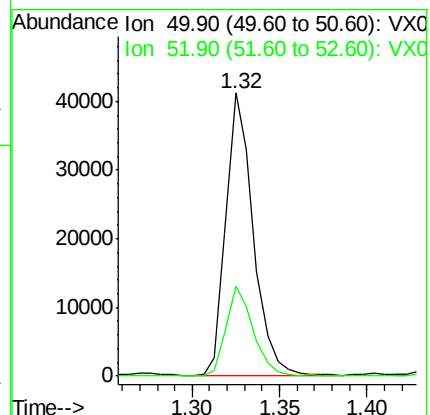
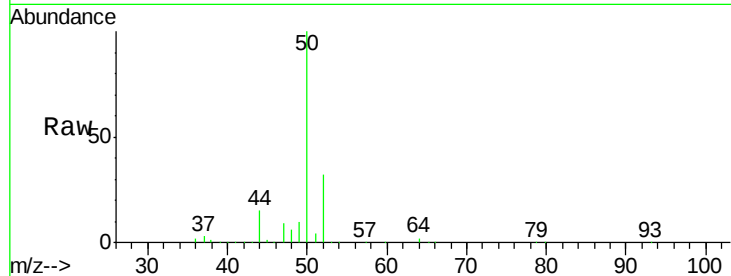
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 50 Resp: 44618

Ion Ratio Lower Upper

50 100

52 31.6 25.7 38.5



#4

Vinyl Chloride

Concen: 17.75 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002694.D

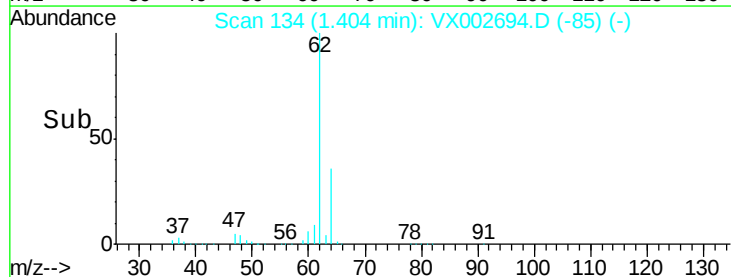
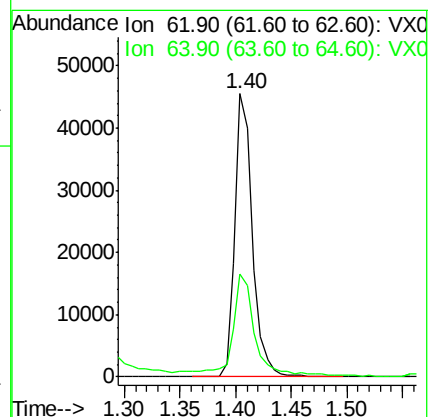
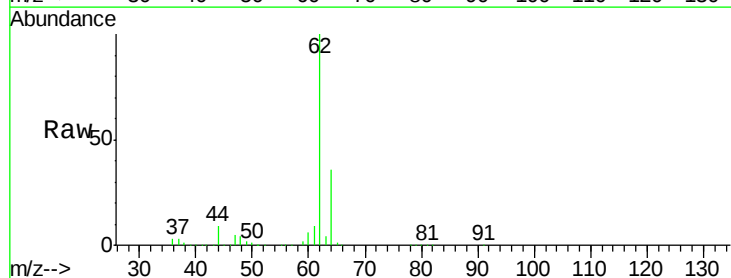
Acq: 18 Jun 2018 22:47

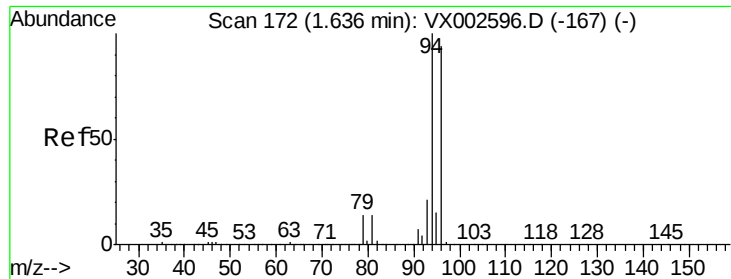
Tgt Ion: 62 Resp: 49503

Ion Ratio Lower Upper

62 100

64 35.8 25.4 38.2





#5

Bromomethane

Concen: 17.95 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

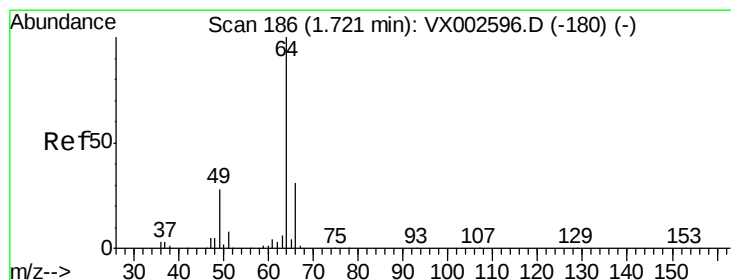
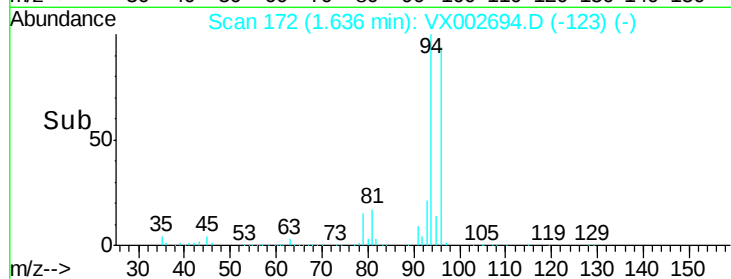
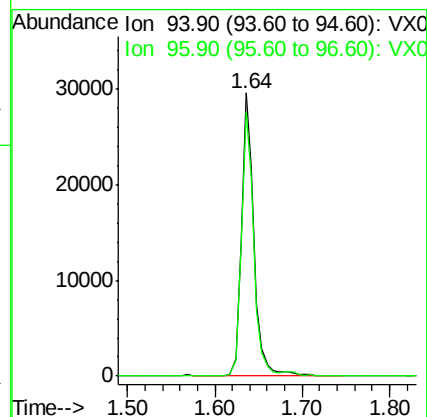
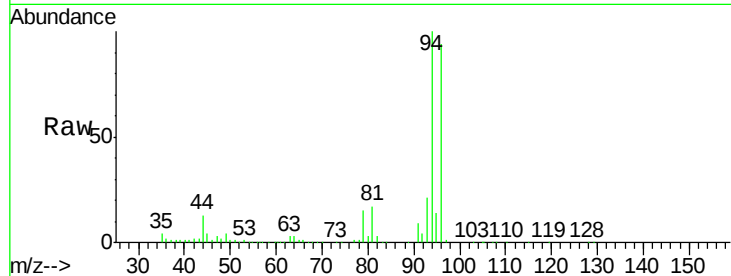
ClientSampleId :

Tot Ion: 94 Resp: 30203

Ion Ratio Lower Upper

94 100

96 93.5 74.9 112.3



#6

Chloroethane

Concen: 18.68 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002694.D

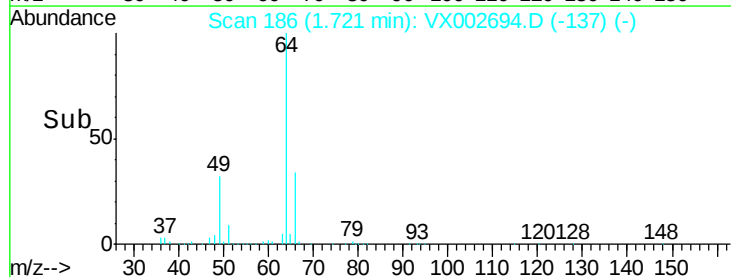
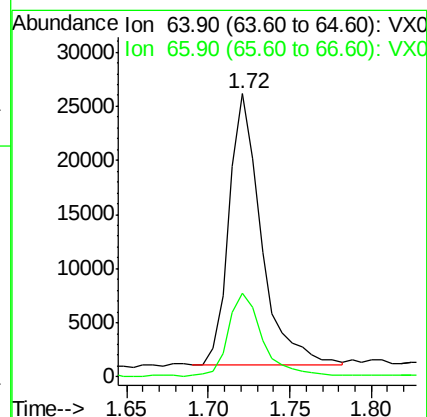
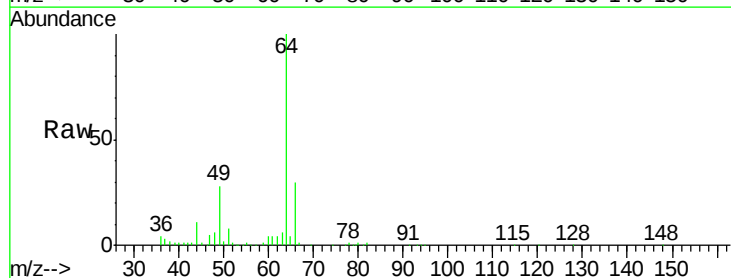
Acq: 18 Jun 2018 22:47

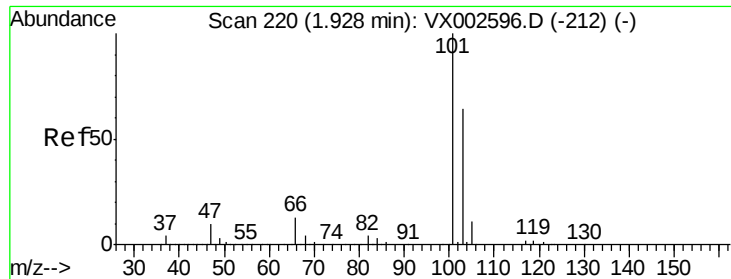
Tgt Ion: 64 Resp: 34335

Ion Ratio Lower Upper

64 100

66 30.6 25.5 38.3



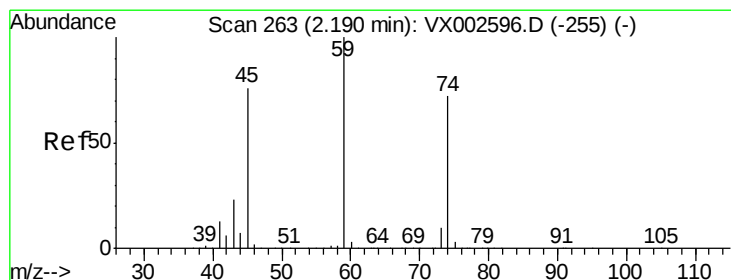
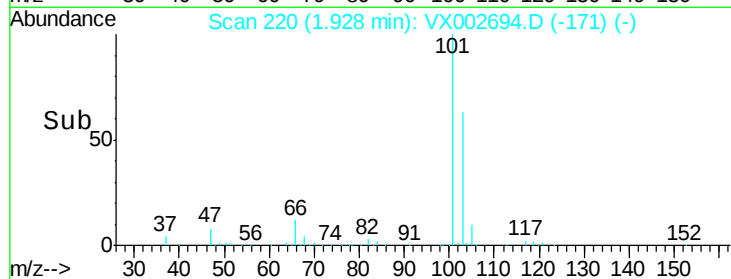
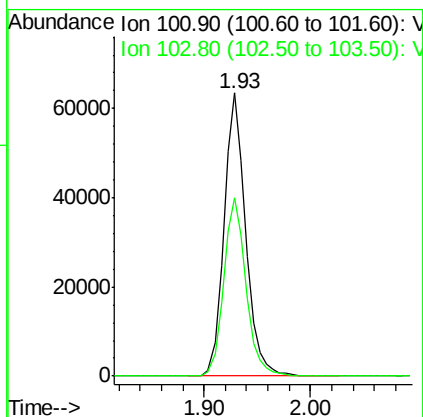
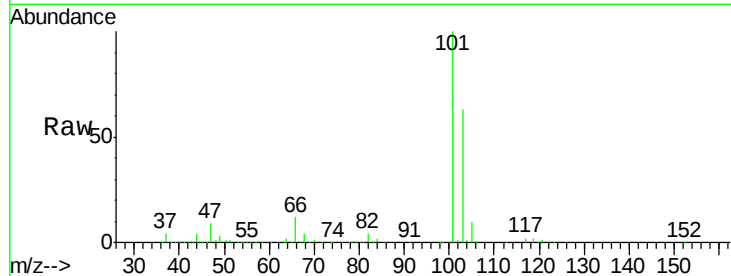


#7

Trichlorofluoromethane
 Concen: 19.89 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Instrument :
 MSVOA_X
 ClientSampleId :

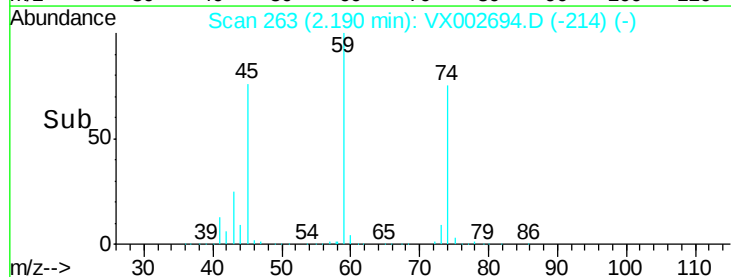
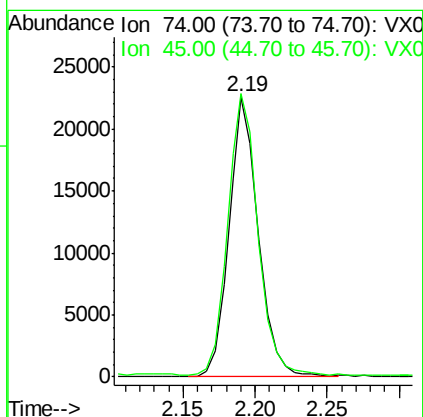
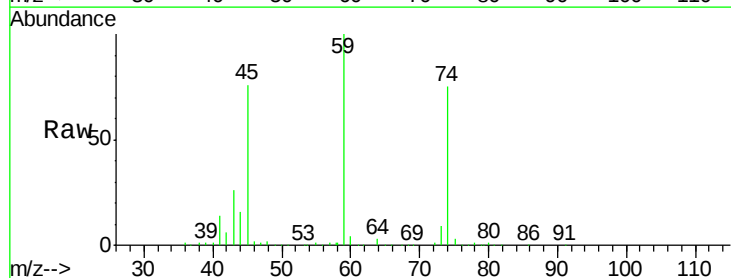
Tot Ion:101 Resp: 90104
 Ion Ratio Lower Upper
 101 100
 103 63.1 52.8 79.2

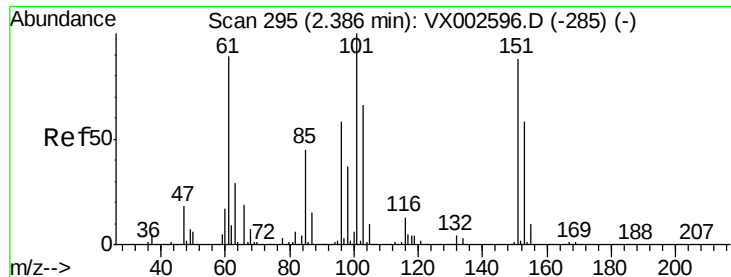


#8

Diethyl Ether
 Concen: 18.65 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Tgt Ion: 74 Resp: 32133
 Ion Ratio Lower Upper
 74 100
 45 104.2 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.96 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

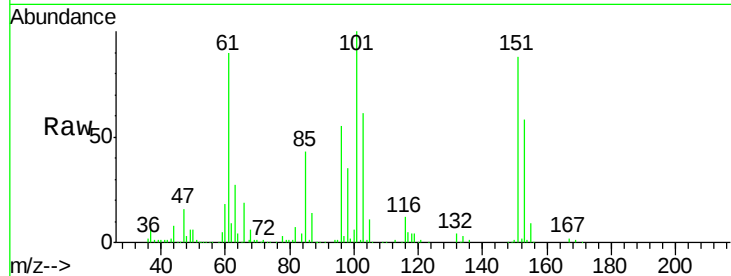
Tot Ion:101 Resp: 50547

Ion Ratio Lower Upper

101 100

85 45.0 36.0 54.0

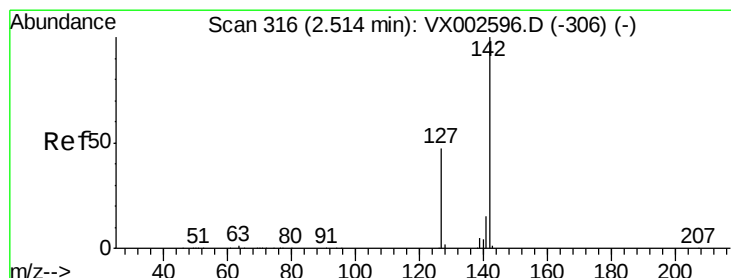
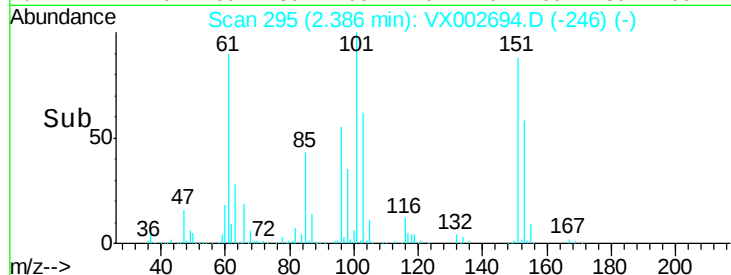
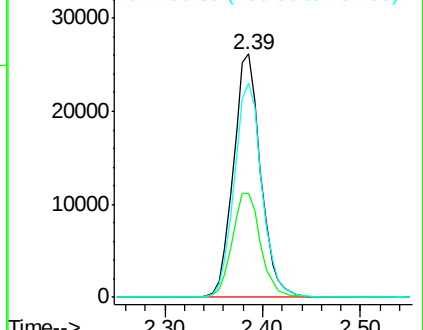
151 89.5 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.68 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

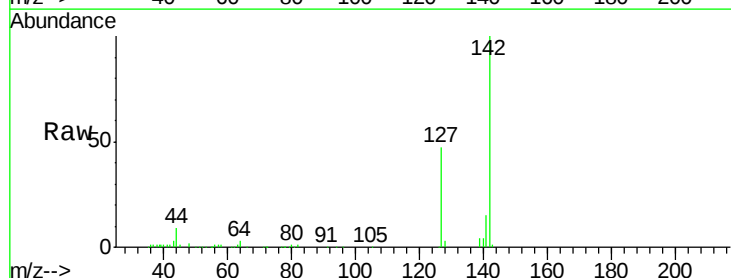
Tgt Ion:142 Resp: 43827

Ion Ratio Lower Upper

142 100

127 46.6 36.6 55.0

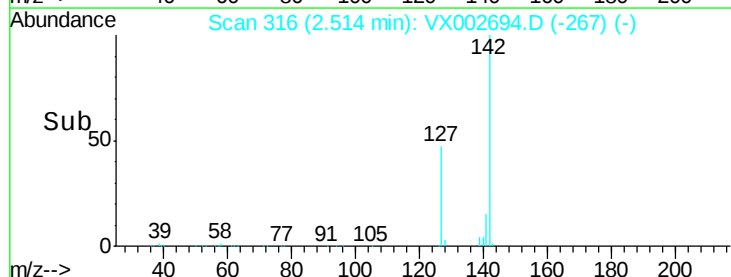
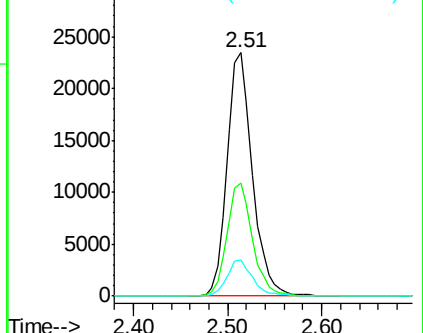
141 15.0 11.3 16.9

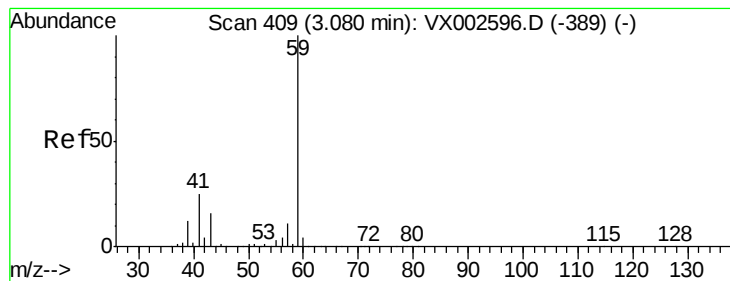


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



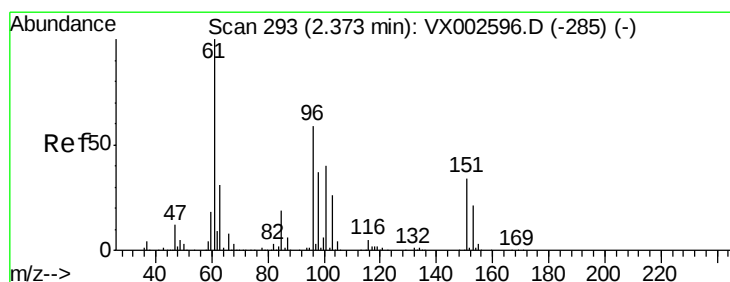
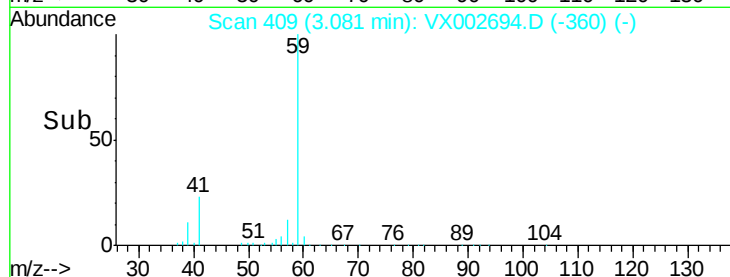
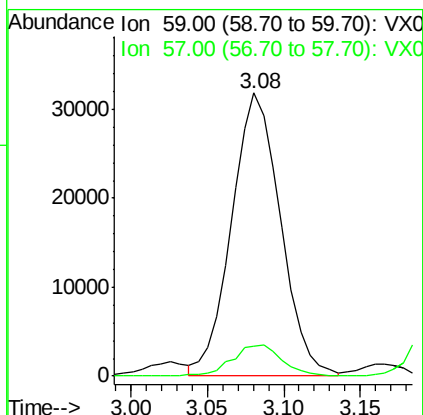
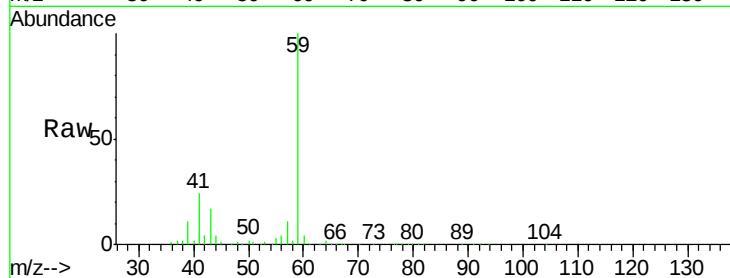


#11

Tert butyl alcohol
Concen: 105.92 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Instrument :
MSVOA_X
ClientSampleId :

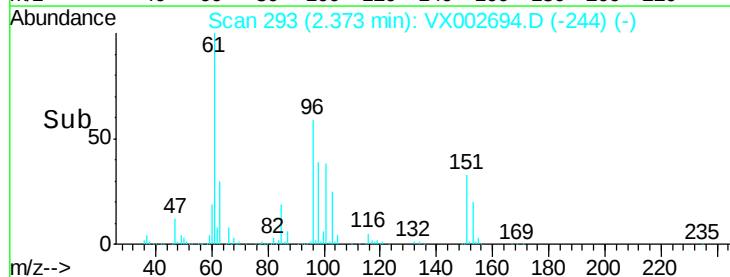
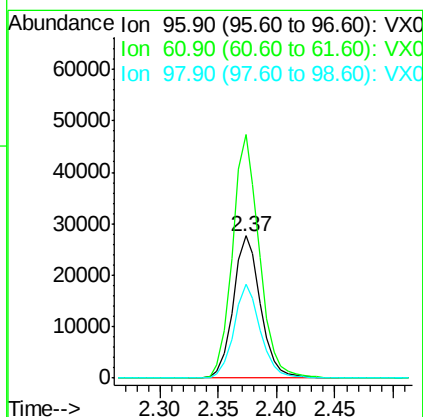
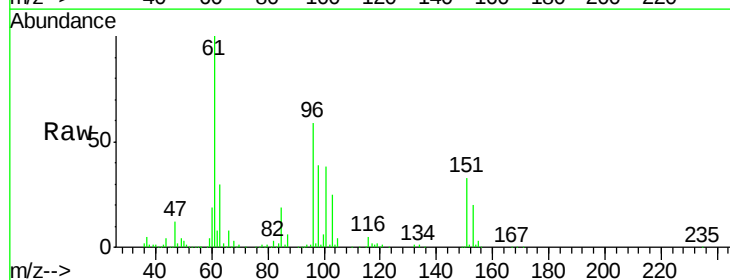
Tot Ion: 59 Resp: 70807
Ion Ratio Lower Upper
59 100
57 11.6 8.2 12.2

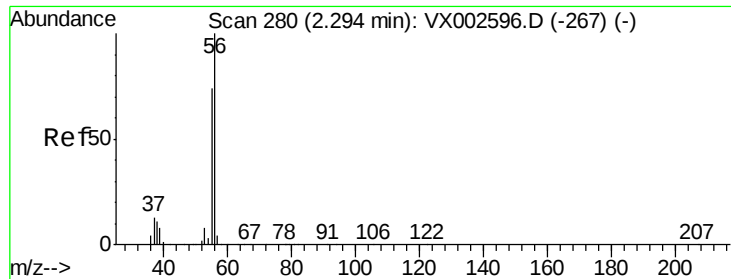


#12

1,1-Dichloroethene
Concen: 18.94 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion: 96 Resp: 45044
Ion Ratio Lower Upper
96 100
61 170.7 137.9 206.9
98 66.3 51.6 77.4





#13

Acrolein

Concen: 67.73 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

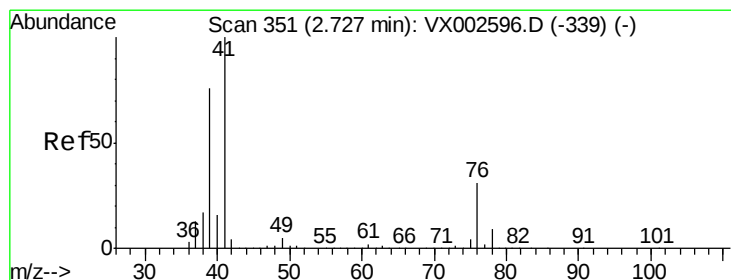
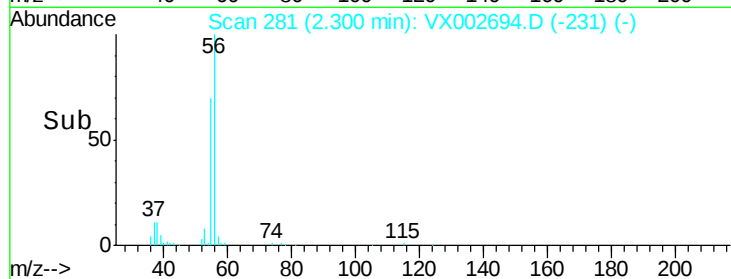
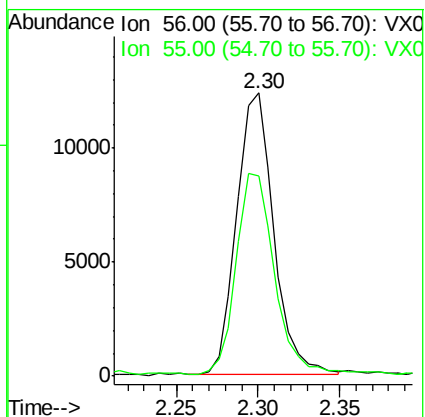
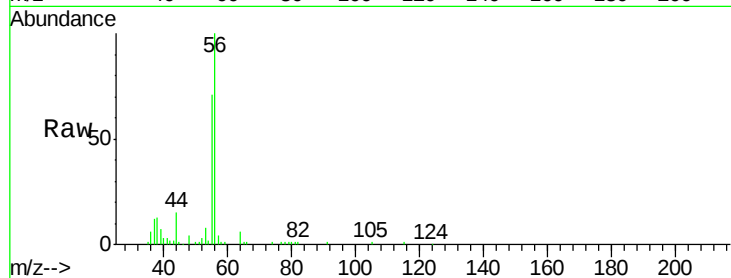
ClientSampleId :

Tot Ion: 56 Resp: 19613

Ion Ratio Lower Upper

56 100

55 74.4 57.0 85.4



#14

Allyl chloride

Concen: 18.56 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

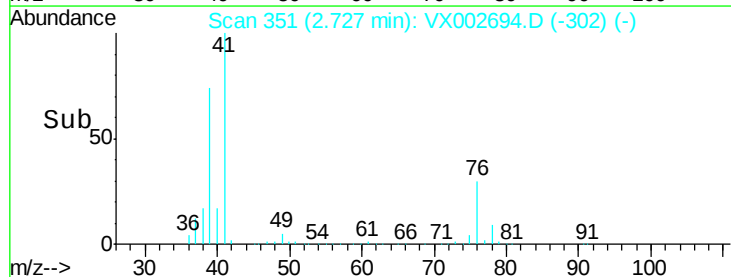
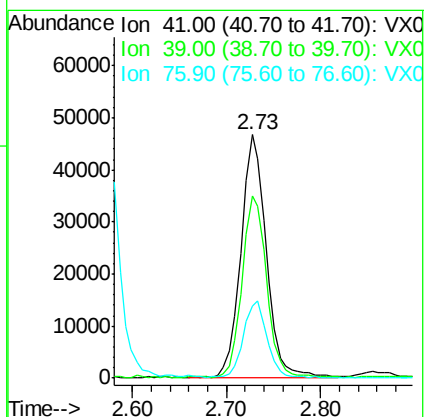
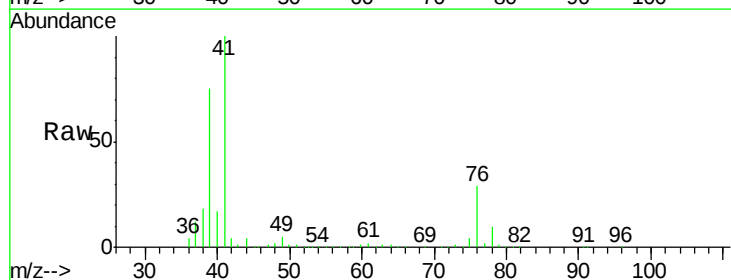
Tgt Ion: 41 Resp: 87641

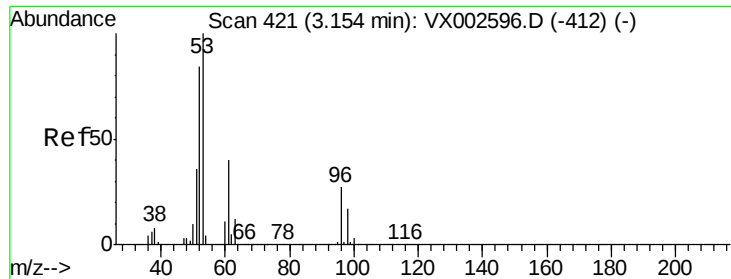
Ion Ratio Lower Upper

41 100

39 72.5 56.8 85.2

76 30.3 23.8 35.8





#15

Acrylonitrile

Concen: 101.49 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :
MSVOA_X
ClientSampleId :

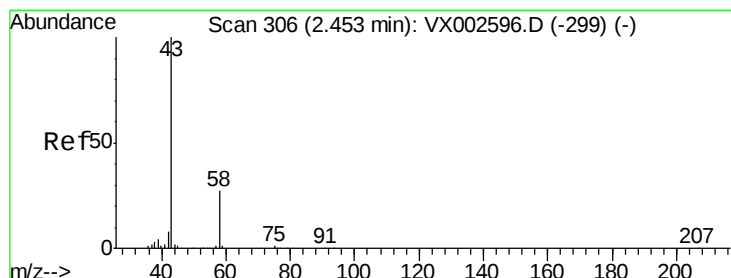
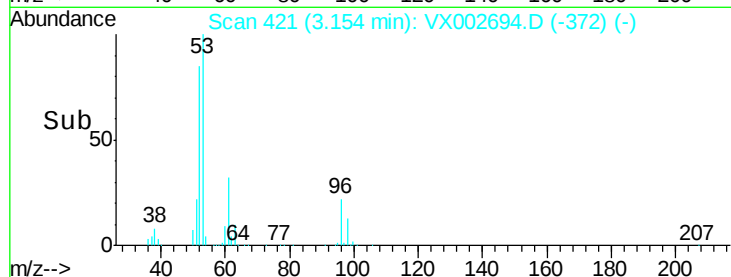
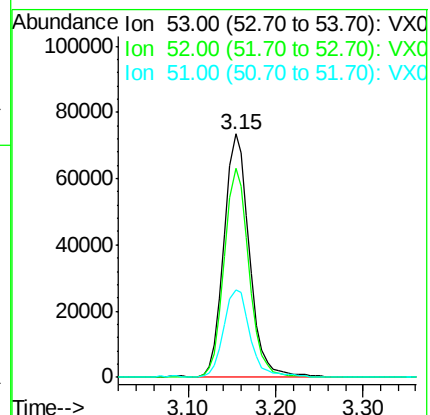
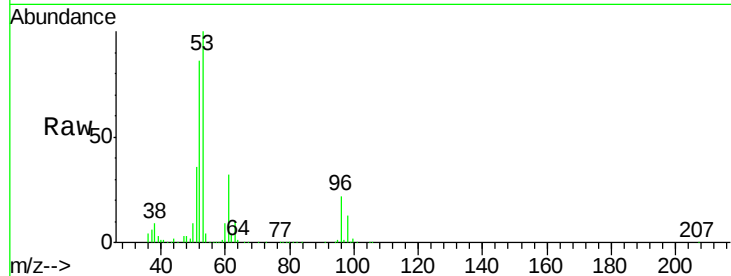
Tot Ion: 53 Resp: 148045

Ion Ratio Lower Upper

53 100

52 83.7 66.7 100.1

51 37.1 29.9 44.9



#16

Acetone

Concen: 97.39 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002694.D

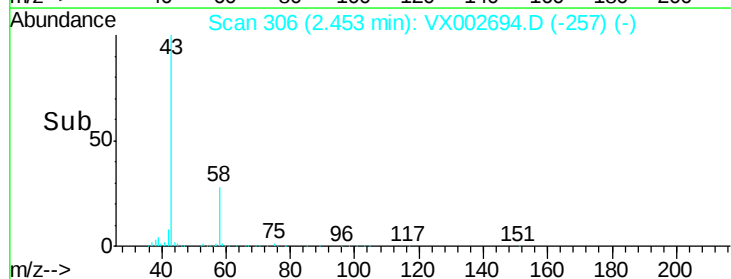
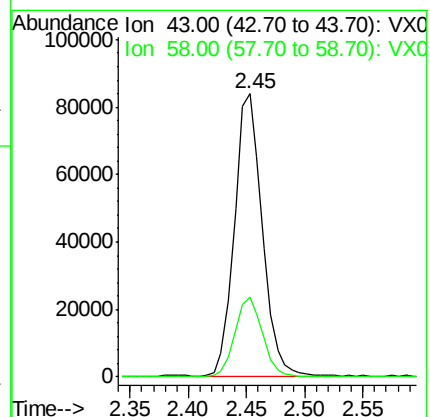
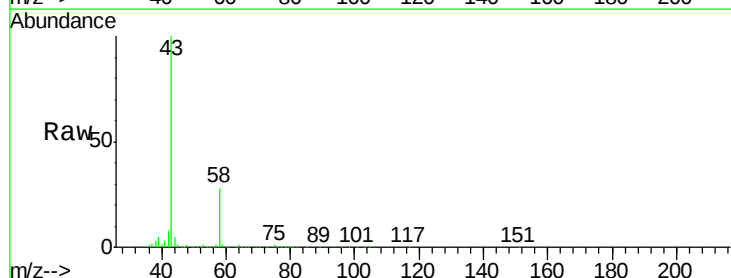
Acq: 18 Jun 2018 22:47

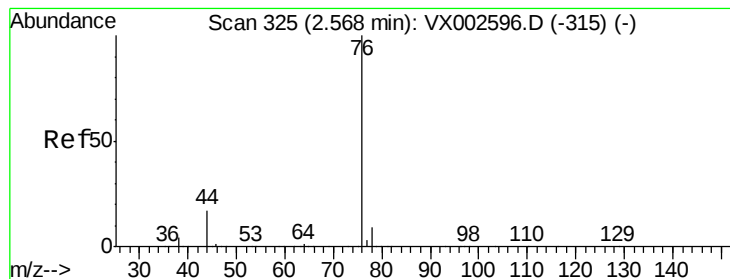
Tgt Ion: 43 Resp: 138939

Ion Ratio Lower Upper

43 100

58 28.2 22.1 33.1





#17

Carbon Disulfide

Concen: 18.60 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

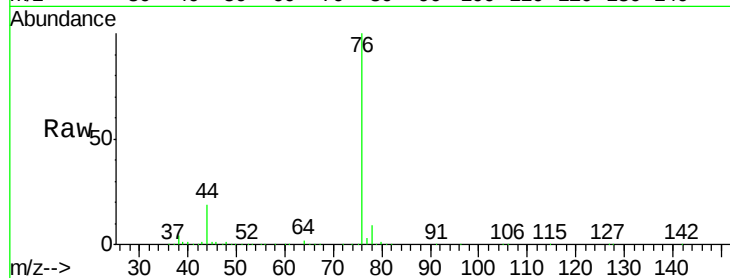
ClientSampleId :

Tot Ion: 76 Resp: 104909

Ion Ratio Lower Upper

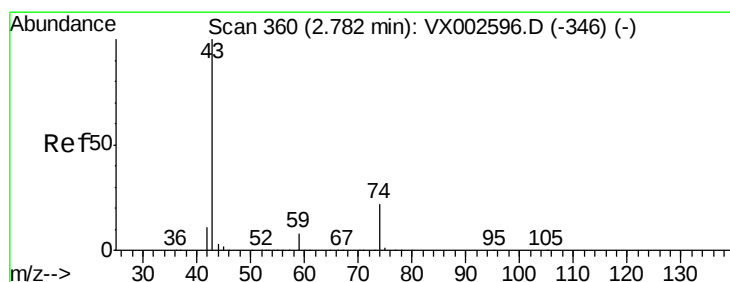
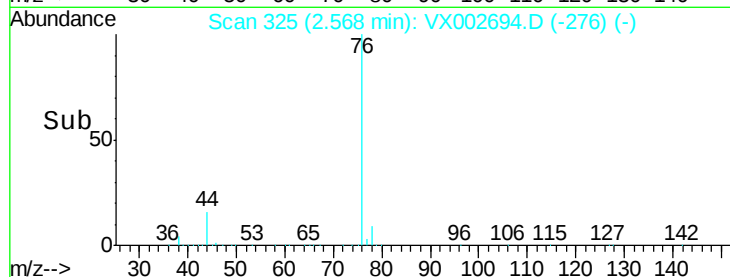
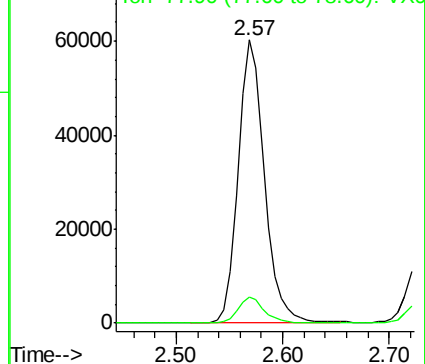
76 100

78 9.1 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 21.25 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002694.D

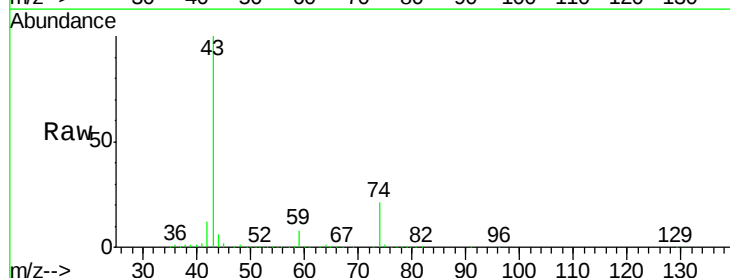
Acq: 18 Jun 2018 22:47

Tgt Ion: 43 Resp: 80754

Ion Ratio Lower Upper

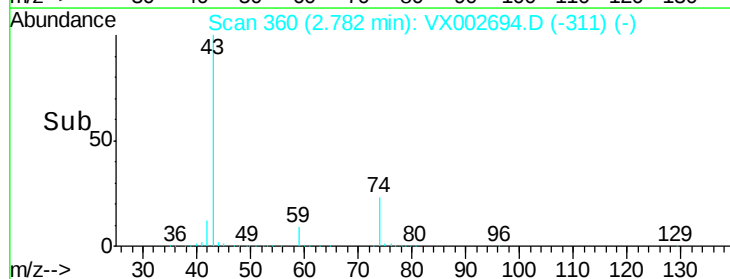
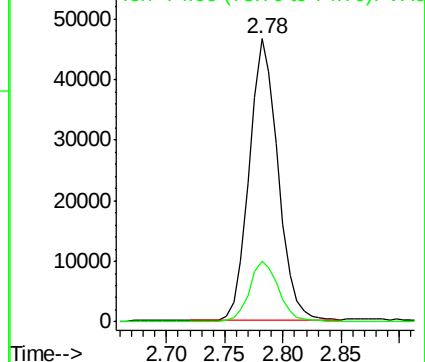
43 100

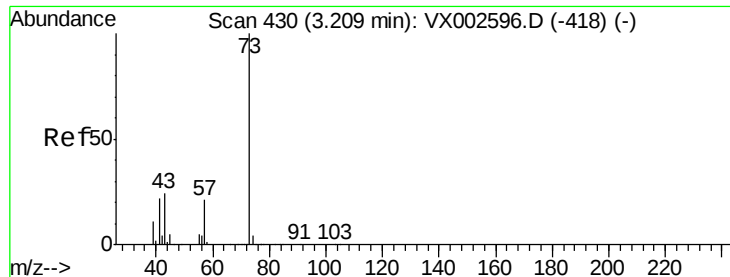
74 21.3 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



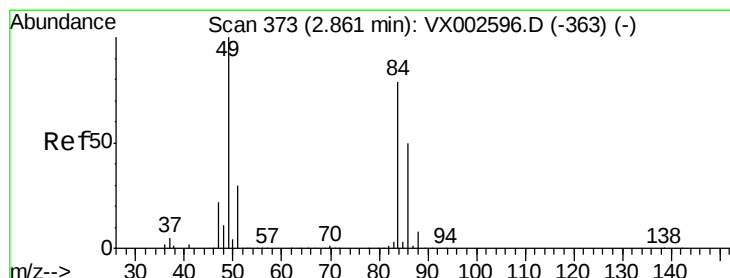
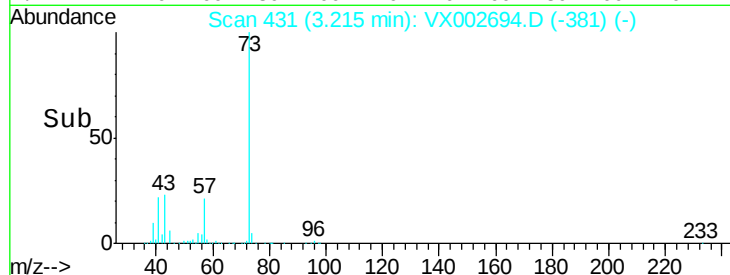
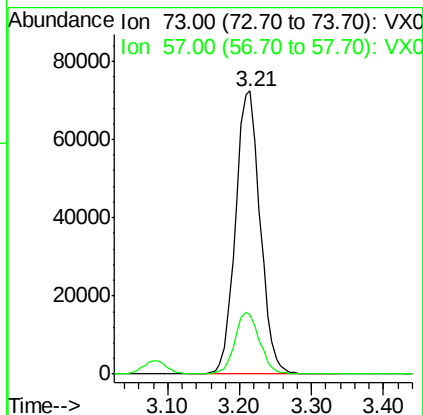
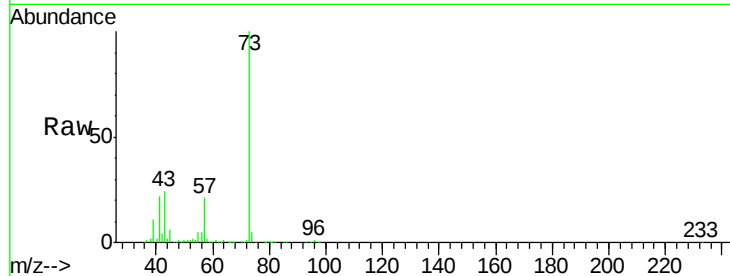


#19

Methyl tert-butyl Ether
 Concen: 19.30 ug/l
 RT: 3.21 min Scan# 431
 Delta R.T. 0.01 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Instrument :
 MSVOA_X
 ClientSampleId :

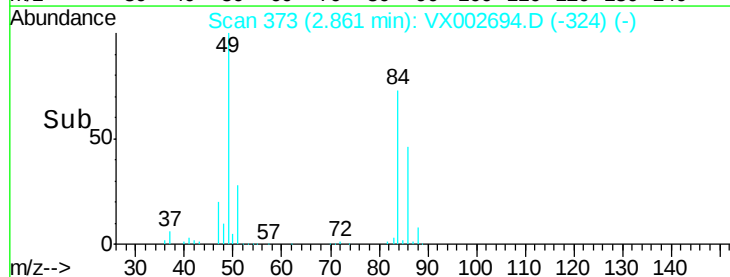
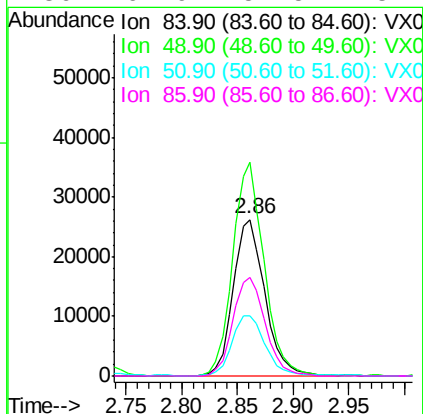
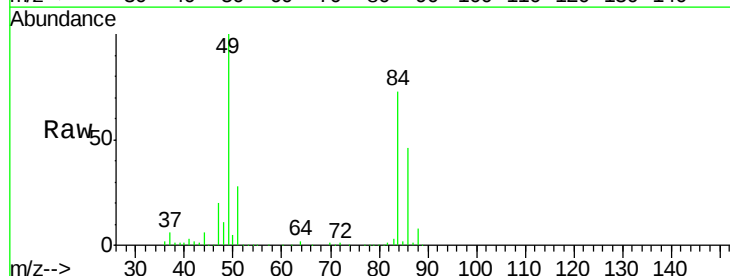
Tot Ion: 73 Resp: 172124
 Ion Ratio Lower Upper
 73 100
 57 21.0 17.7 26.5

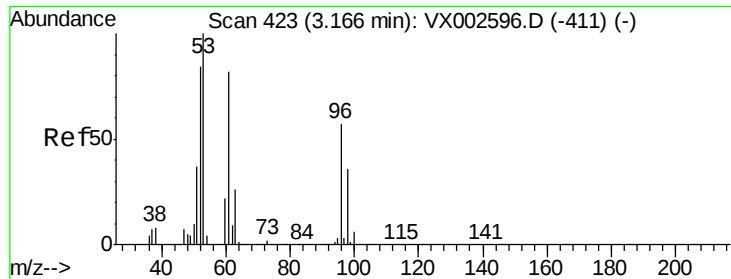


#20

Methylene Chloride
 Concen: 17.61 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Tgt Ion: 84 Resp: 51525
 Ion Ratio Lower Upper
 84 100
 49 136.5 107.8 161.6
 51 38.3 32.8 49.2
 86 62.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.65 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

ClientSampled :

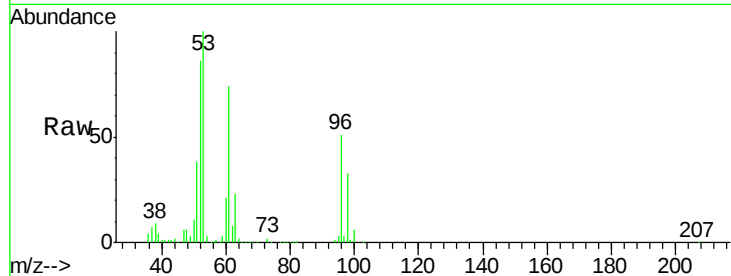
Tot Ion: 96 Resp: 48097

Ion Ratio Lower Upper

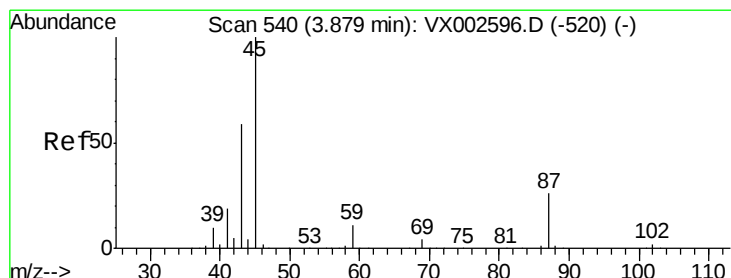
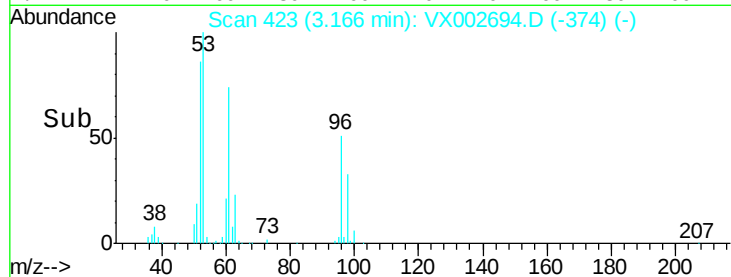
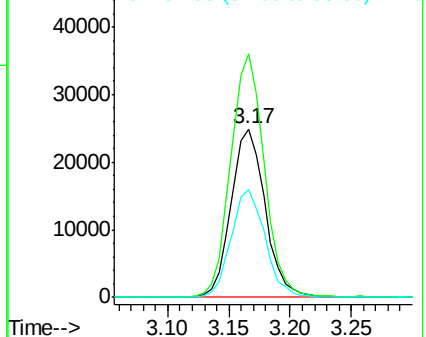
96 100

61 144.5 117.0 175.4

98 64.4 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: 19.25 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Tgt Ion: 45 Resp: 164427

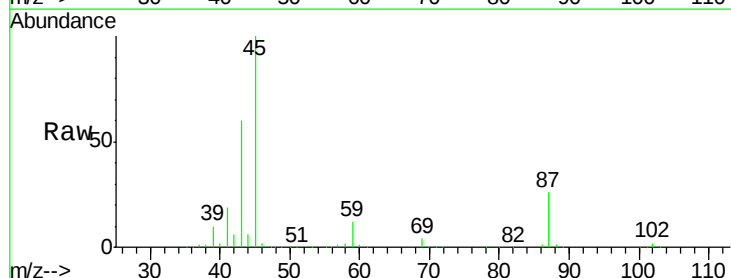
Ion Ratio Lower Upper

45 100

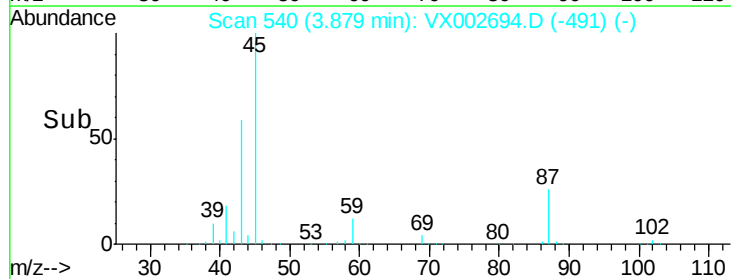
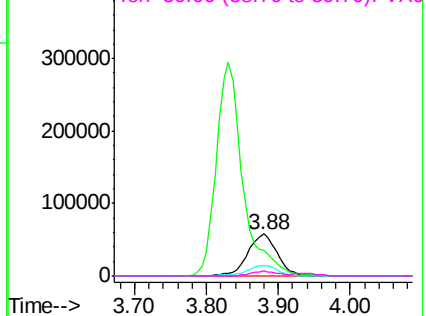
43 59.0 46.8 70.2

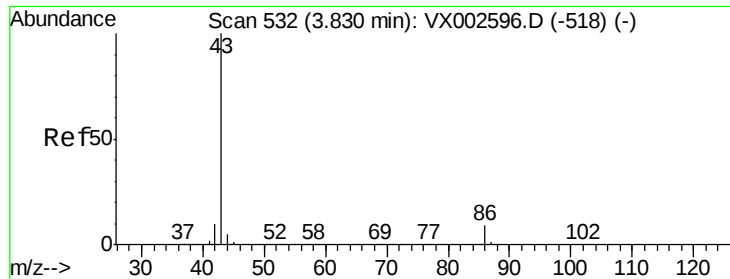
87 25.9 20.2 30.4

59 11.4 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: 105.61 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

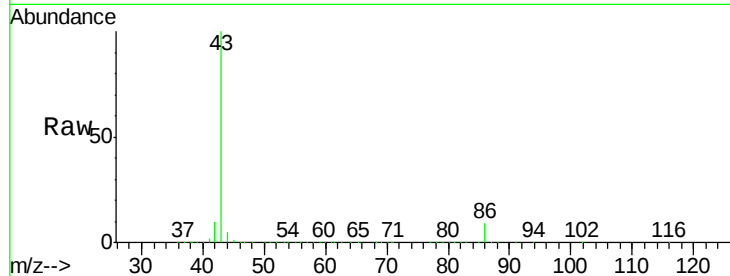
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 754996

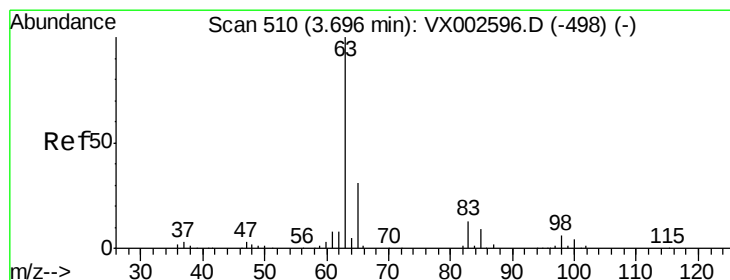
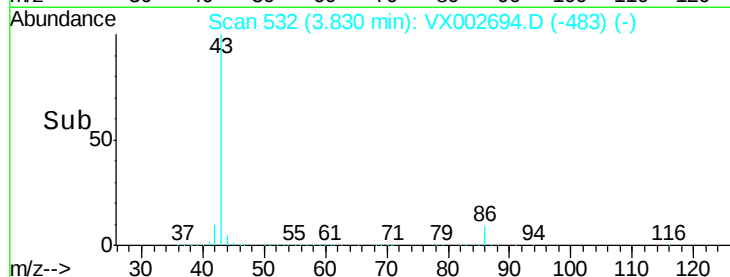
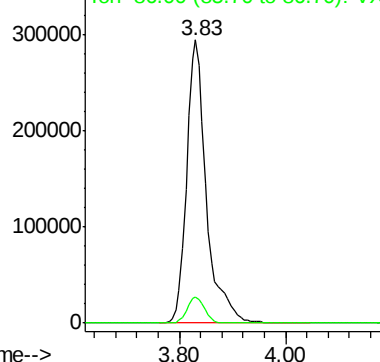
Ion Ratio Lower Upper

43 100

86 9.3 7.4 11.0



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



#24

1,1-Dichloroethane

Concen: 20.62 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

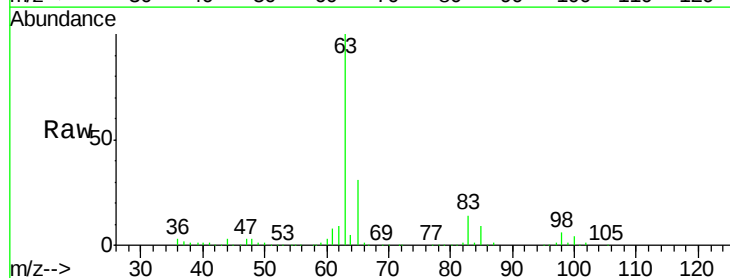
Tgt Ion: 63 Resp: 95599

Ion Ratio Lower Upper

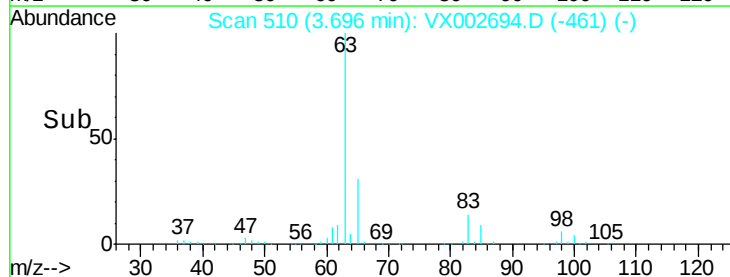
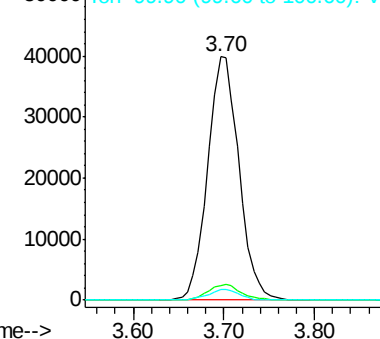
63 100

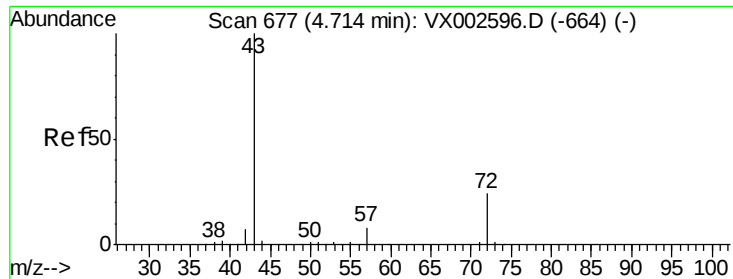
98 6.1 3.4 10.2

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





#25

2-Butanone

Concen: 105.08 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

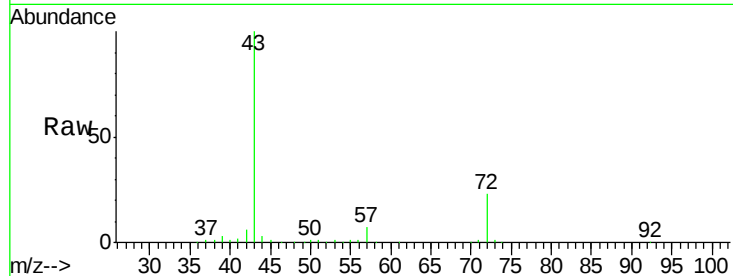
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 196875

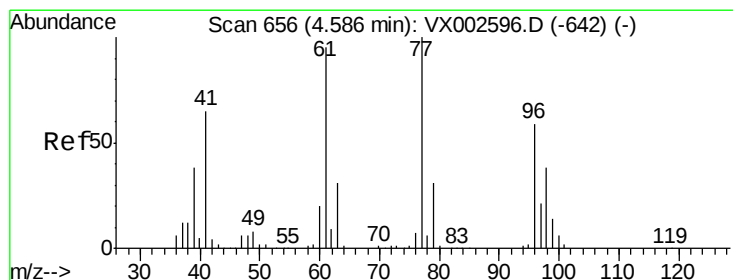
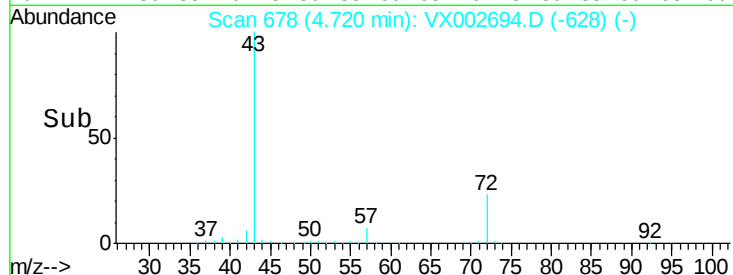
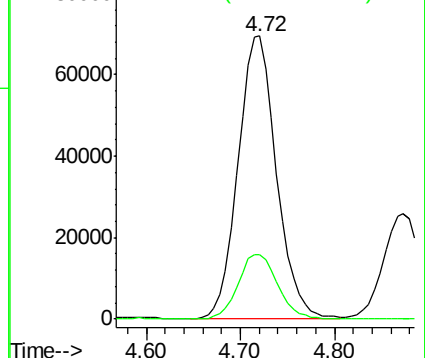
Ion Ratio Lower Upper

43 100

72 22.8 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 15.63 ug/l

RT: 4.58 min Scan# 655

Delta R.T. -0.01 min

Lab File: VX002694.D

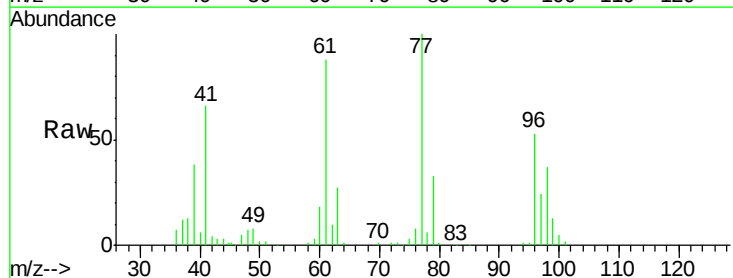
Acq: 18 Jun 2018 22:47

Tgt Ion: 77 Resp: 52074

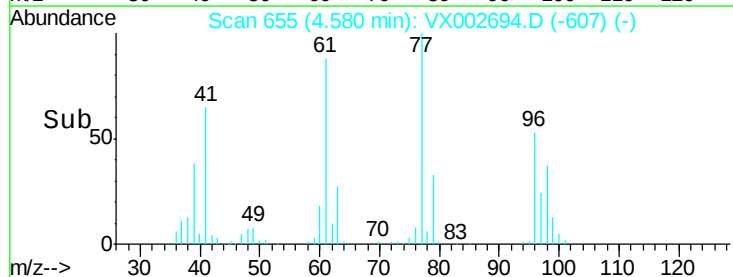
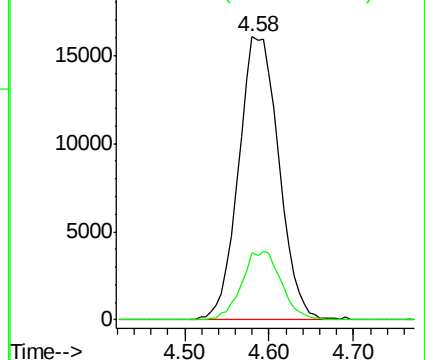
Ion Ratio Lower Upper

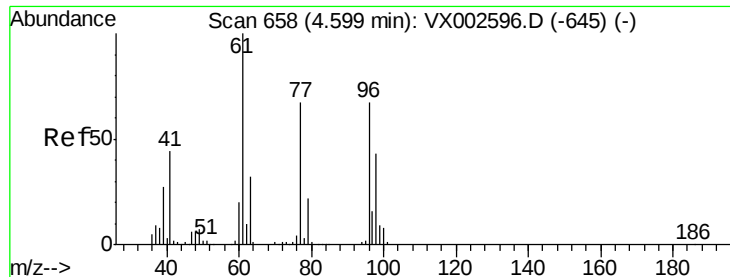
77 100

97 23.6 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0
Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 19.78 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :
MSVOA_X
ClientSampleId :

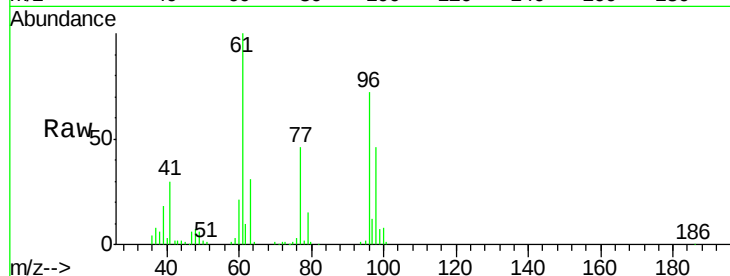
Tot Ion: 96 Resp: 51903

Ion Ratio Lower Upper

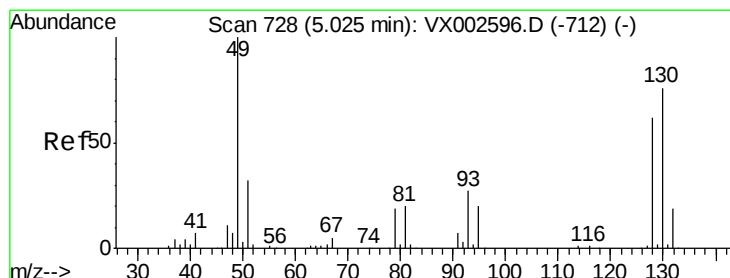
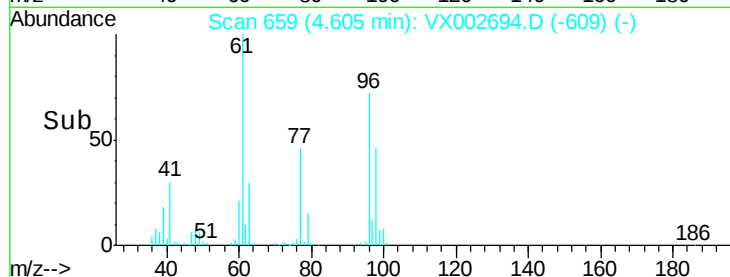
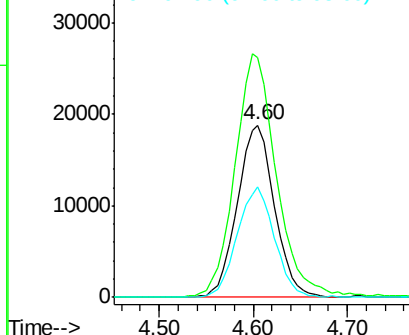
96 100

61 157.7 0.0 330.2

98 64.4 0.0 130.2



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



#28

Bromochloromethane

Concen: 20.07 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

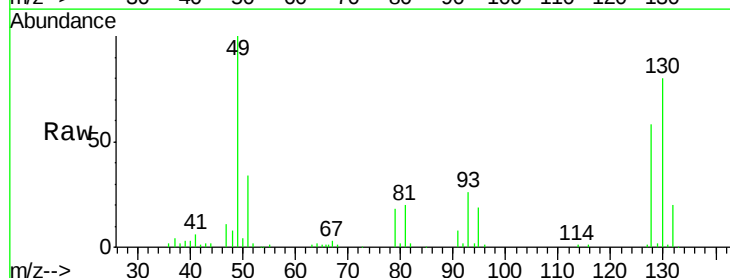
Tgt Ion: 49 Resp: 43573

Ion Ratio Lower Upper

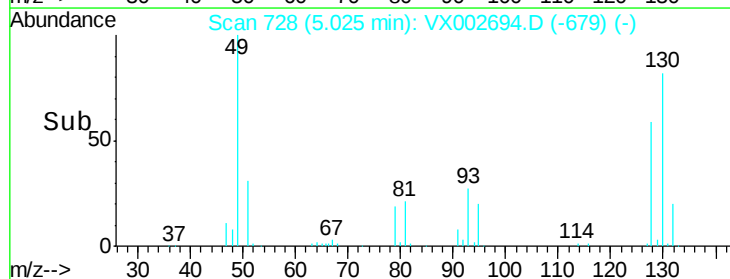
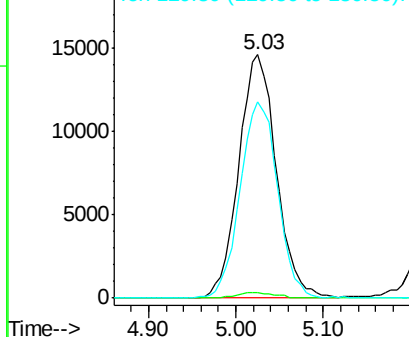
49 100

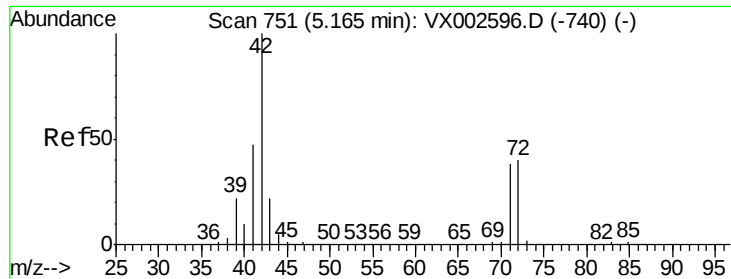
129 2.3 0.0 4.2

130 80.4 61.2 91.8



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

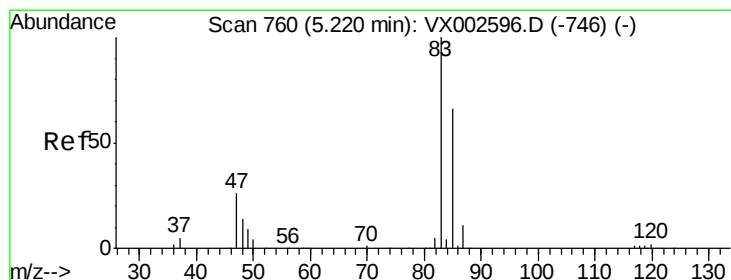
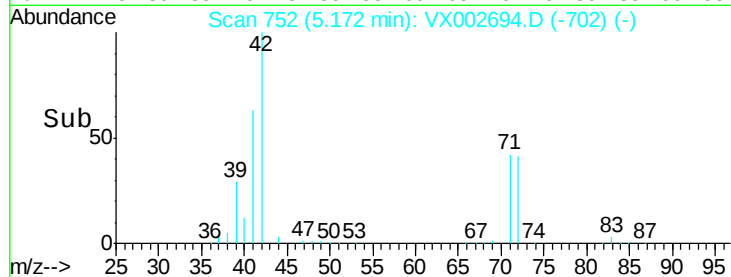
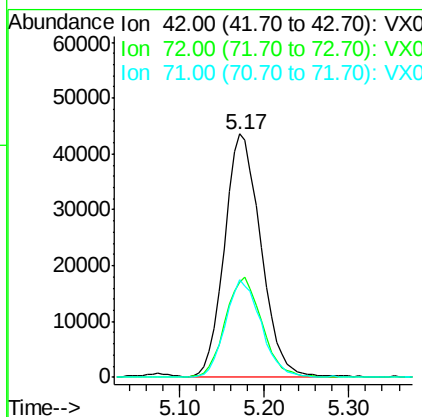
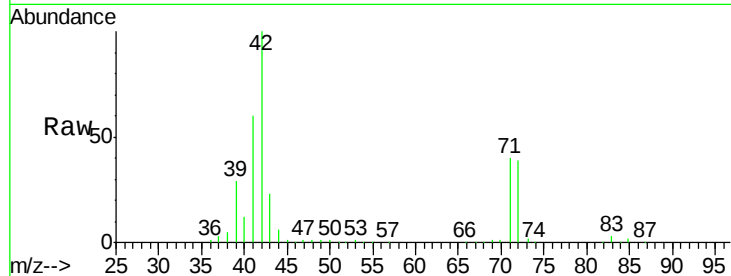




#29
Tetrahydrofuran
Concen: 103.56 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

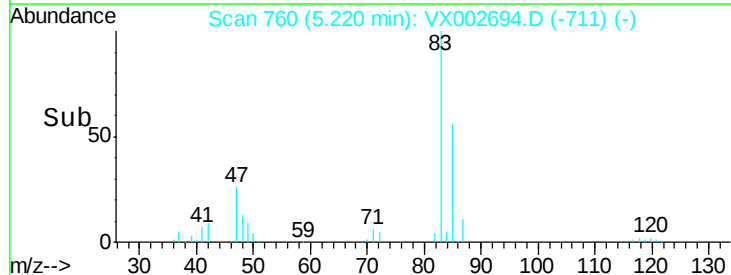
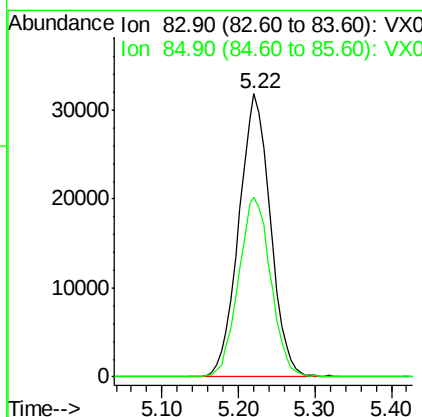
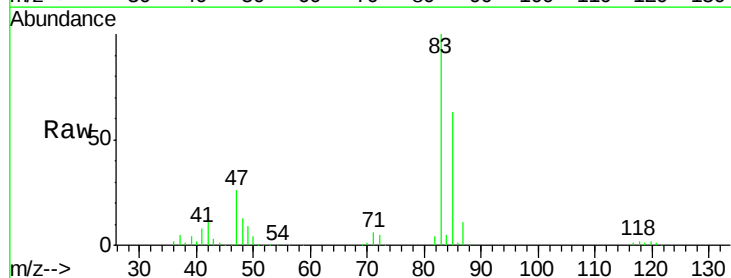
Instrument :
MSVOA_X
ClientSampled :

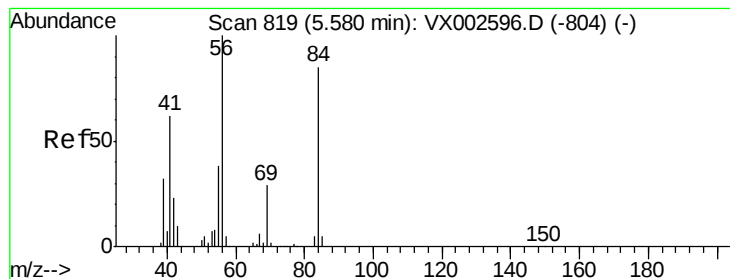
Tot Ion: 42 Resp: 127163
Ion Ratio Lower Upper
42 100
72 41.9 32.0 48.0
71 39.7 30.1 45.1



#30
Chloroform
Concen: 20.42 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion: 83 Resp: 91265
Ion Ratio Lower Upper
83 100
85 63.3 50.4 75.6





#31

Cyclohexane

Concen: 19.50 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :
MSVOA_X
ClientSampleId :

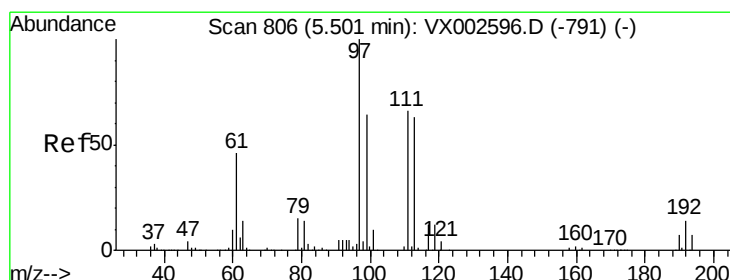
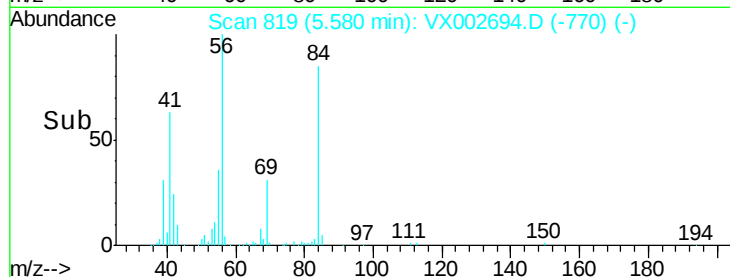
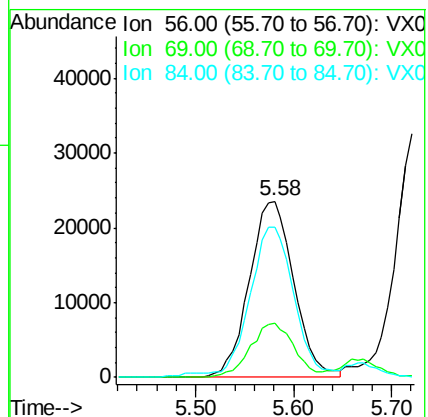
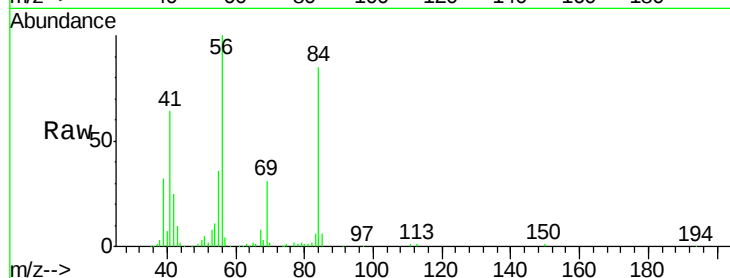
Tot Ion: 56 Resp: 74443

Ion Ratio Lower Upper

56 100

69 30.9 23.7 35.5

84 83.2 64.1 96.1



#32

1,1,1-Trichloroethane

Concen: 20.75 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

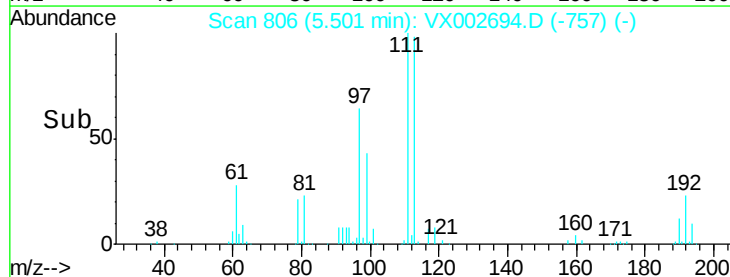
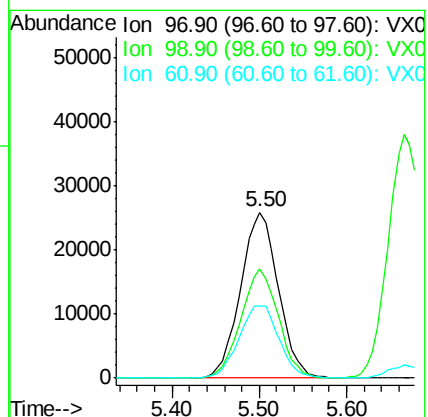
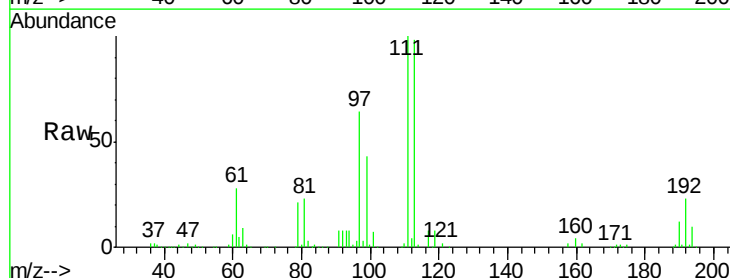
Tgt Ion: 97 Resp: 77567

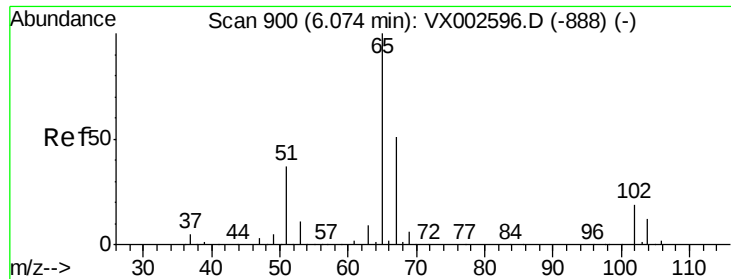
Ion Ratio Lower Upper

97 100

99 65.3 51.6 77.4

61 46.4 36.4 54.6

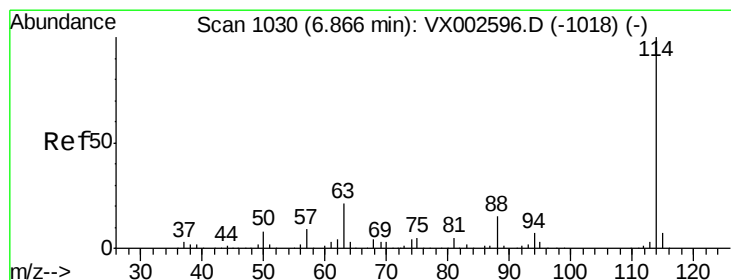
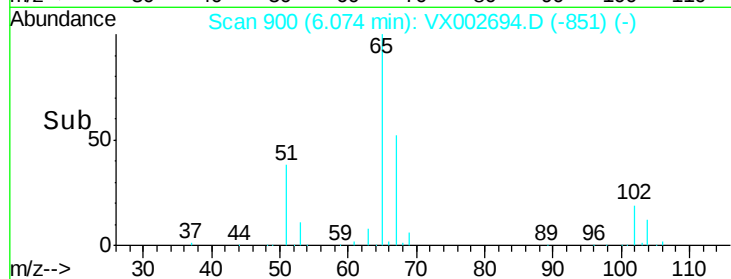
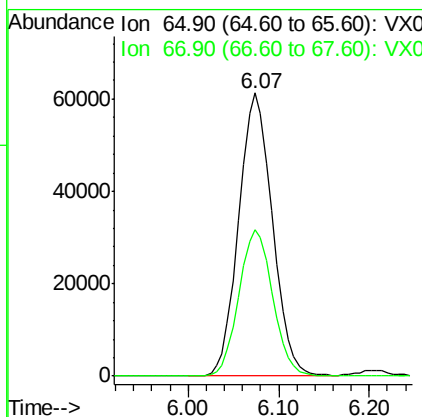
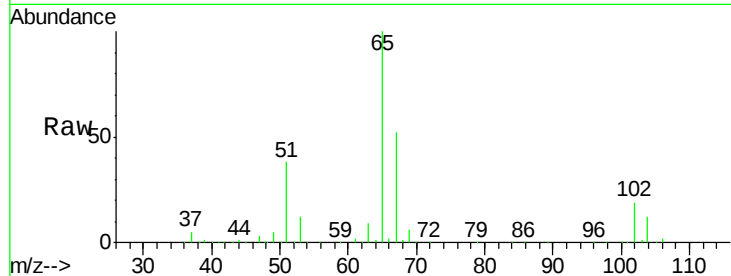




#33
 1,2-Dichloroethane-d4
 Concen: 48.86 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

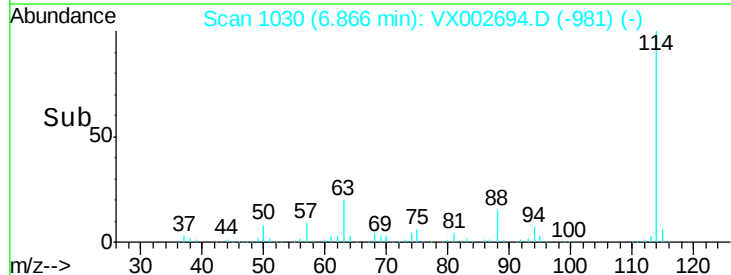
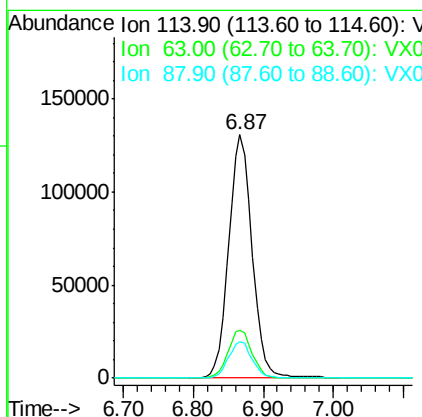
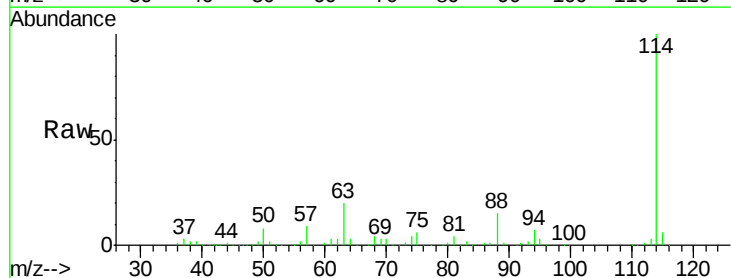
Instrument :
 MSVOA_X
 ClientSampleId :

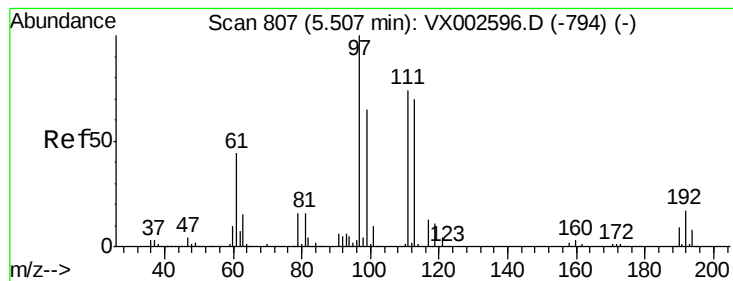
Tot Ion: 65 Resp: 157987
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Tgt Ion: 114 Resp: 304150
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 41.4
 88 15.0 0.0 30.0





#35

Dibromofluoromethane

Concen: 51.50 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

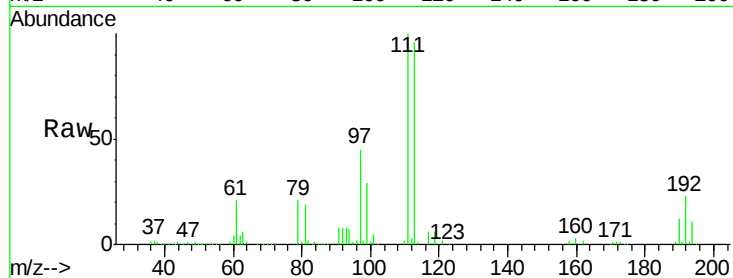
Tot Ion:113 Resp: 125023

Ion Ratio Lower Upper

113 100

111 102.8 81.4 122.0

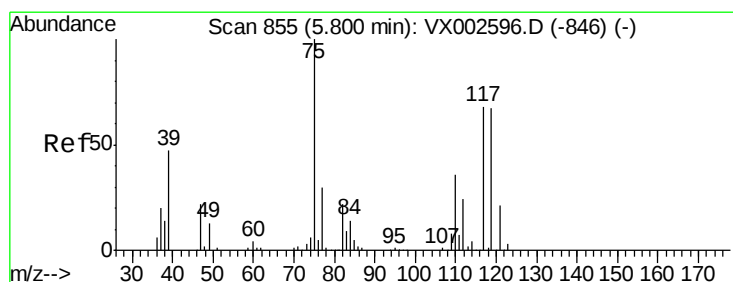
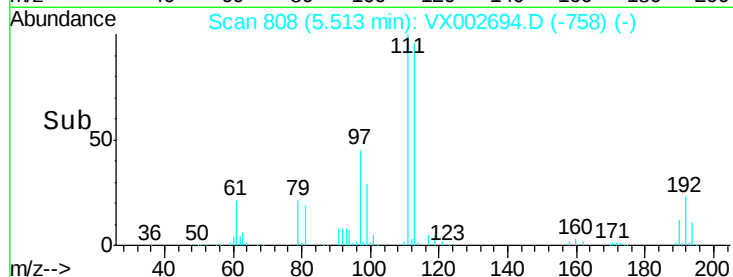
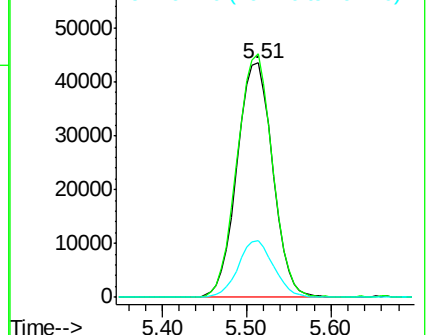
192 24.0 19.1 28.7



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: 19.24 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.01 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

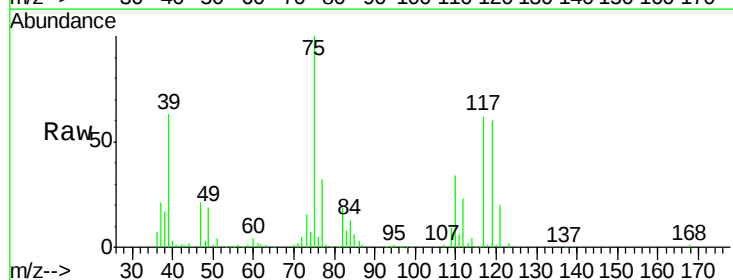
Tgt Ion: 75 Resp: 62145

Ion Ratio Lower Upper

75 100

110 37.5 18.1 54.4

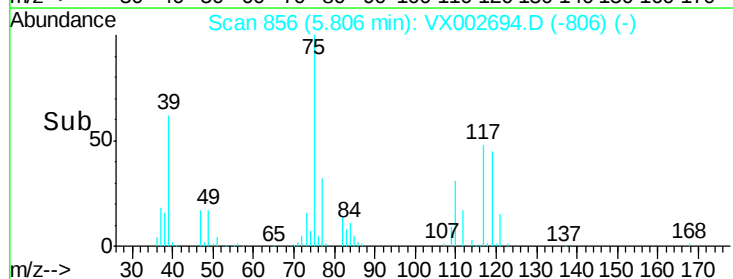
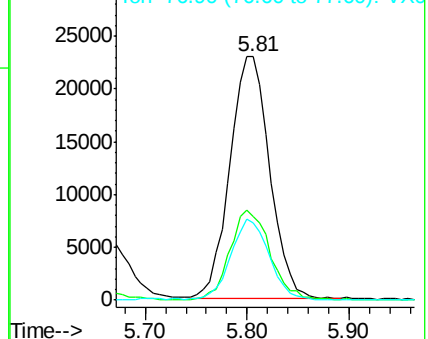
77 32.3 24.3 36.5

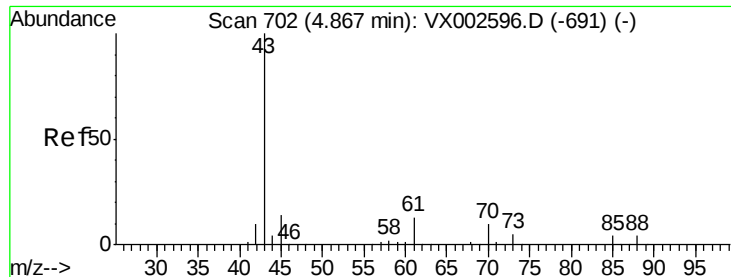


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0

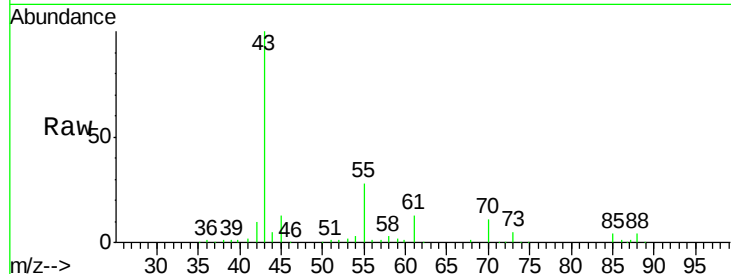




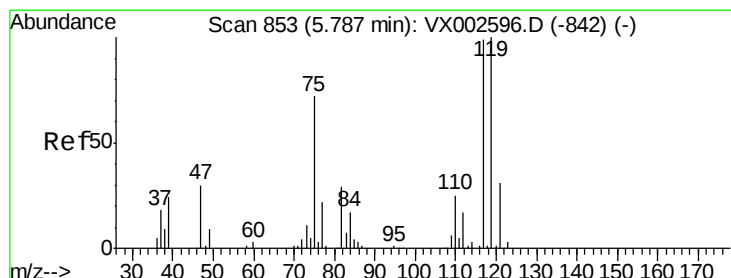
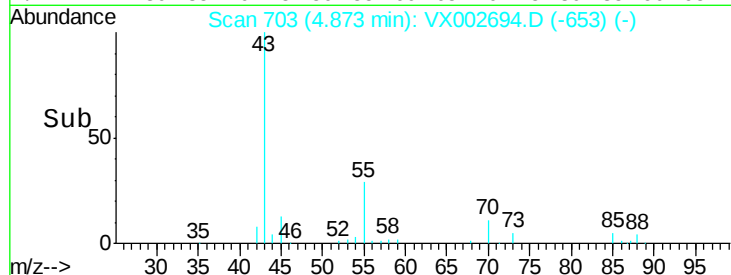
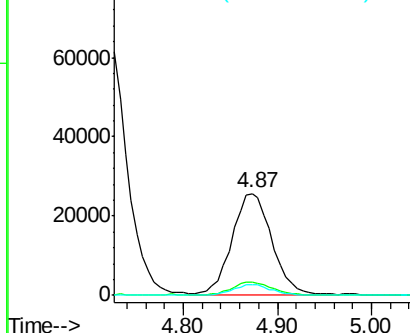
#37
Ethyl Acetate
Concen: 20.48 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 74886
Ion Ratio Lower Upper
43 100
61 12.9 10.4 15.6
70 10.6 7.6 11.4

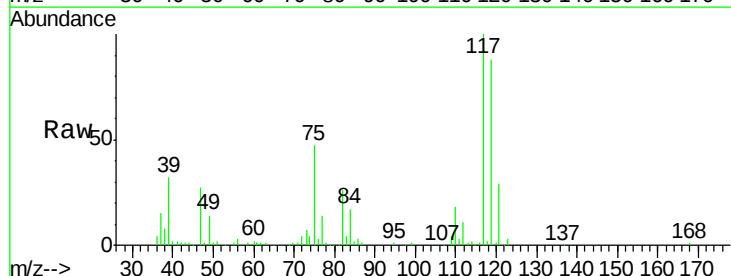


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

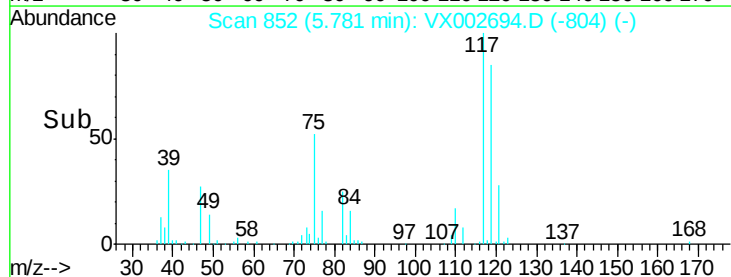
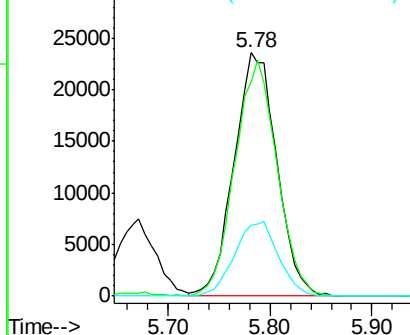


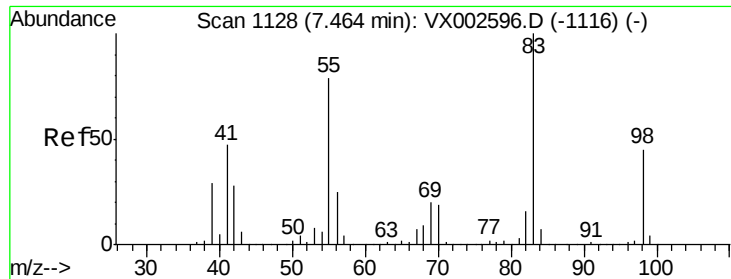
#38
Carbon Tetrachloride
Concen: 21.36 ug/l
RT: 5.78 min Scan# 852
Delta R.T. -0.01 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion: 117 Resp: 68702
Ion Ratio Lower Upper
117 100
119 87.7 77.4 116.0
121 29.0 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

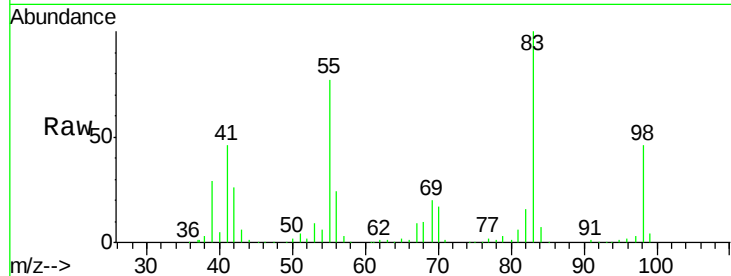




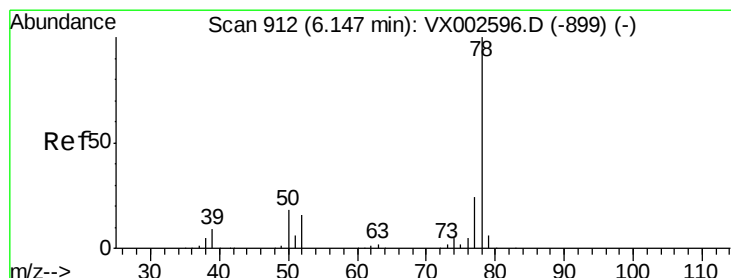
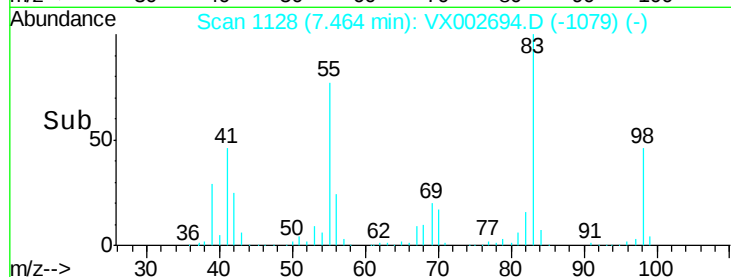
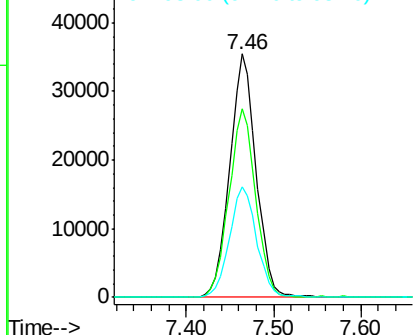
#39
Methvlcvclohexane
Concen: 19.64 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 74157
Ion Ratio Lower Upper
83 100
55 77.5 65.4 98.0
98 45.6 37.4 56.0

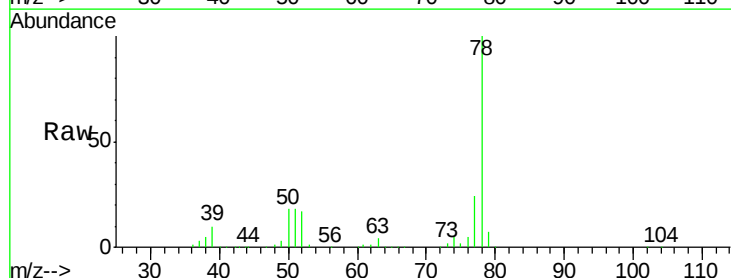


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

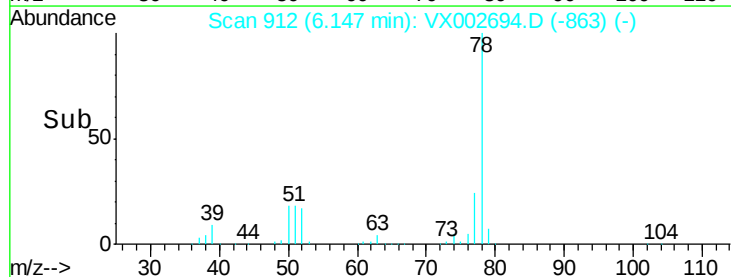
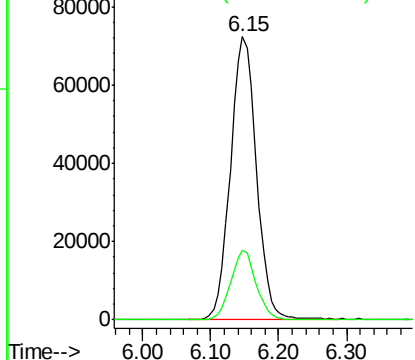


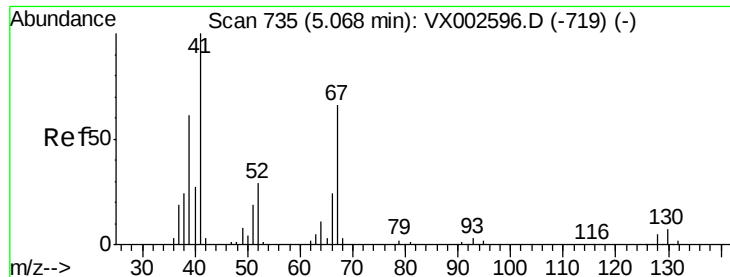
#40
Benzene
Concen: 19.87 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion: 78 Resp: 192438
Ion Ratio Lower Upper
78 100
77 24.5 19.1 28.7



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

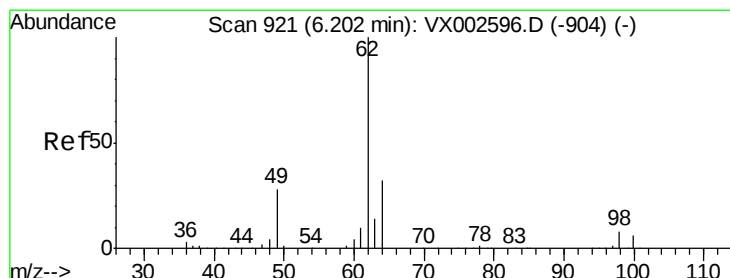
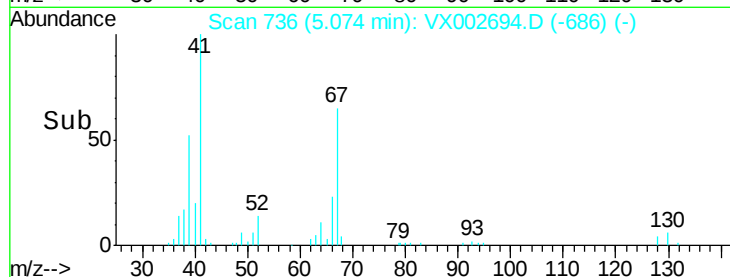
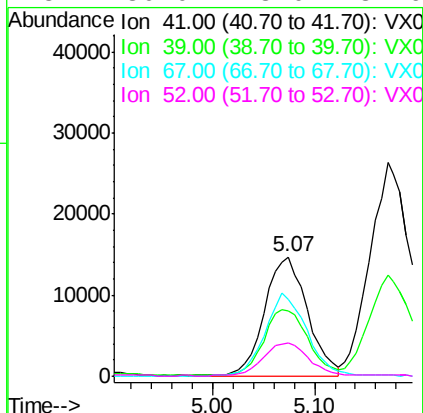
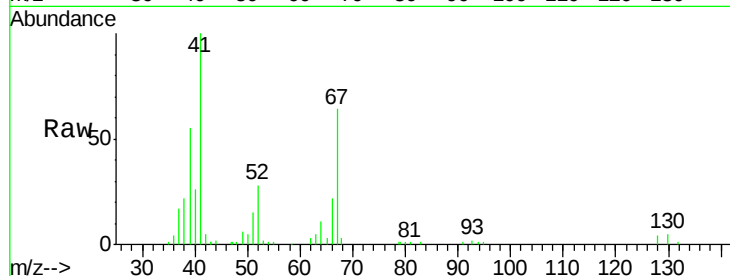




#41
Methacrylonitrile
Concen: 20.84 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

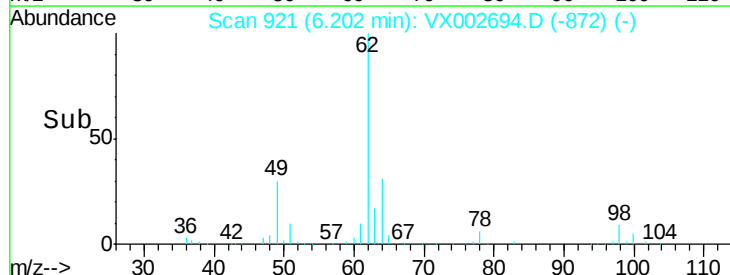
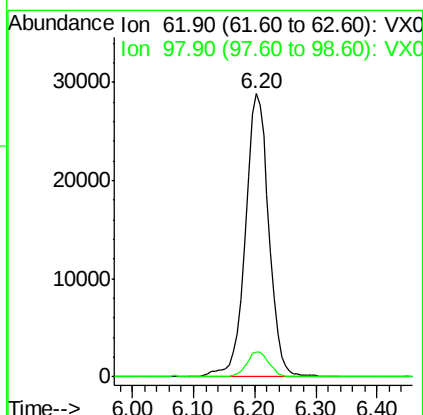
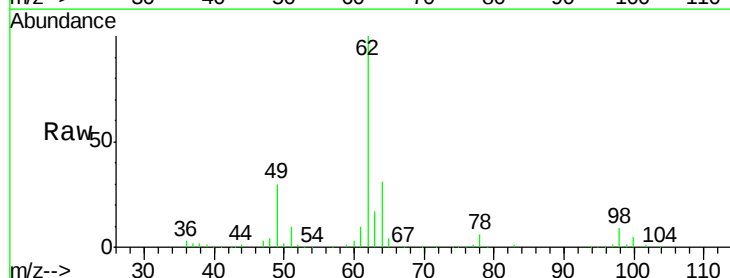
Instrument :
MSVOA_X
ClientSampled :

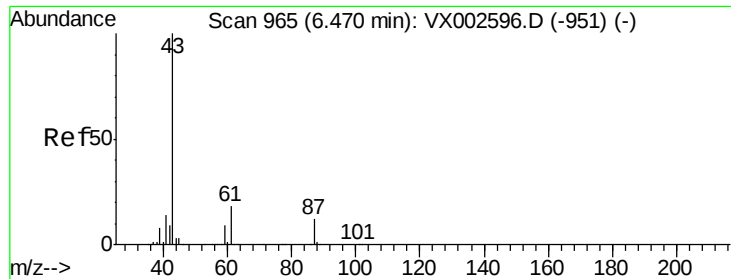
Tot Ion:	41	Resp:	43029
Ion	Ratio	Lower	Upper
41	100		
39	56.7	45.8	68.6
67	67.2	51.3	76.9
52	30.0	23.0	34.6



#42
1,2-Dichloroethane
Concen: 20.60 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion:	62	Resp:	77264
Ion	Ratio	Lower	Upper
62	100		
98	8.6	0.0	16.6



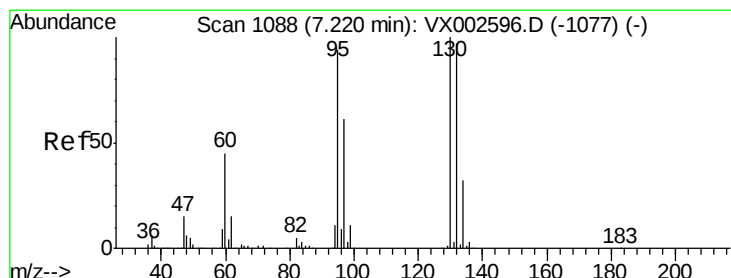
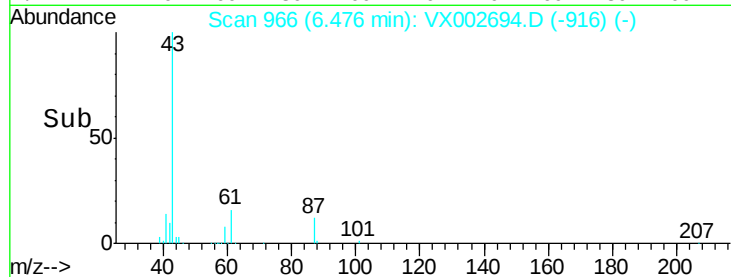
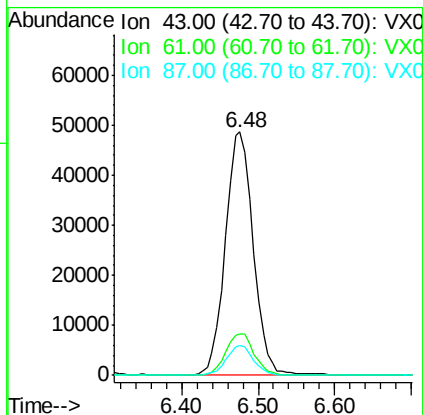
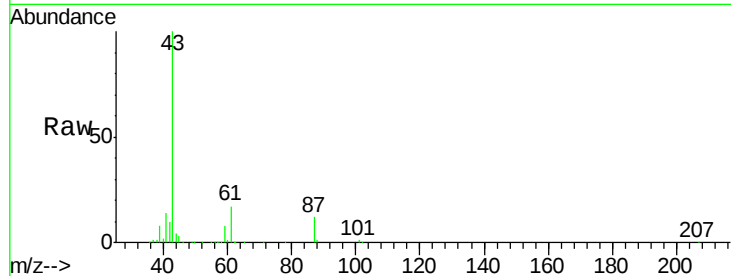


#43

Isopropyl Acetate
 Concen: 20.12 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Instrument :
 MSVOA_X
 ClientSampled :

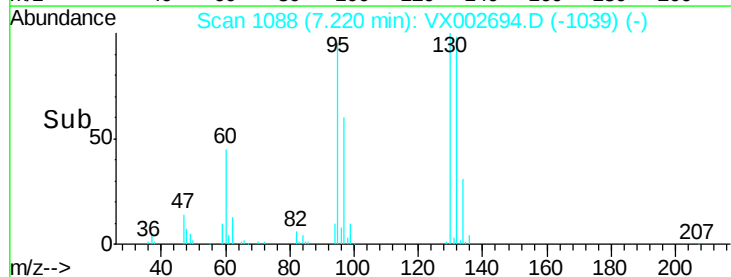
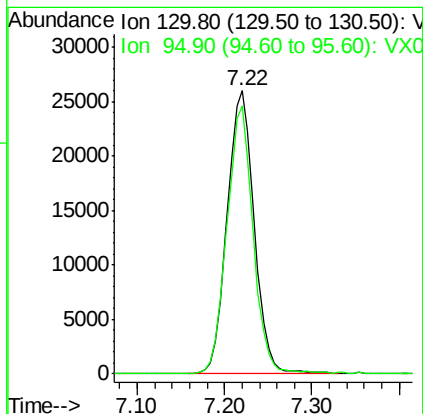
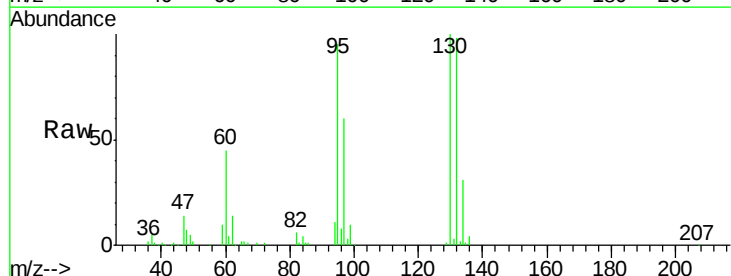
Tot Ion: 43 Resp: 121907
 Ion Ratio Lower Upper
 43 100
 61 17.7 14.4 21.6
 87 12.1 9.5 14.3

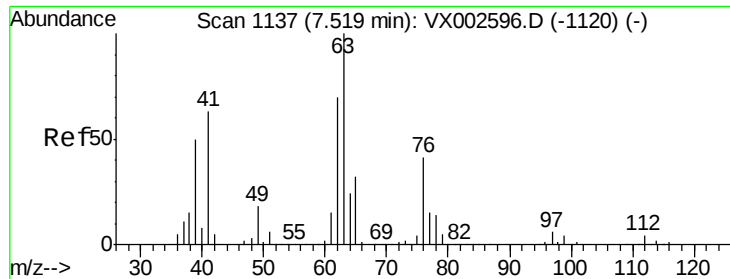


#44

Trichloroethene
 Concen: 20.07 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Tgt Ion: 130 Resp: 56111
 Ion Ratio Lower Upper
 130 100
 95 94.6 0.0 185.4





#45

1,2-Dichloropropane

Concen: 19.98 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

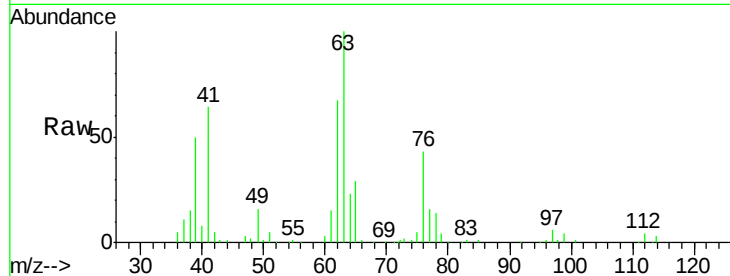
ClientSampled :

Tot Ion: 63 Resp: 50935

Ion Ratio Lower Upper

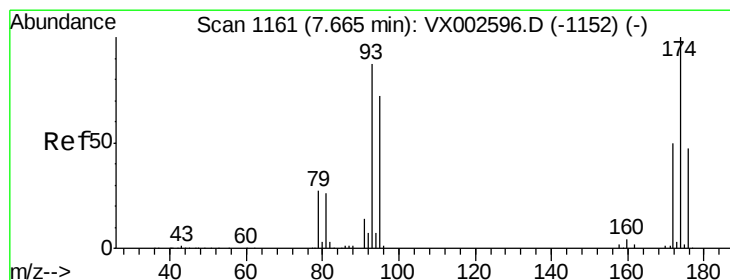
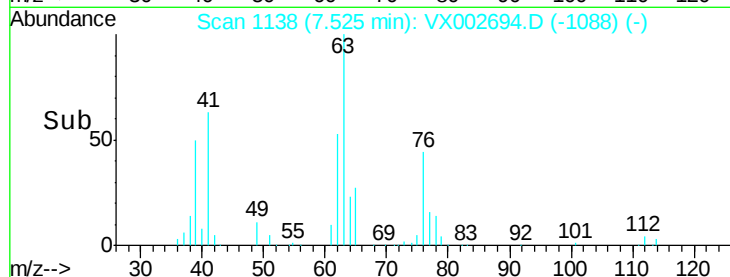
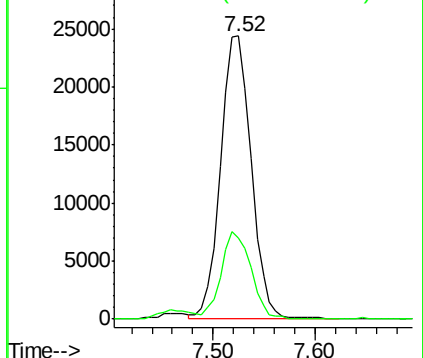
63 100

65 28.8 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.92 ug/l

RT: 7.67 min Scan# 1162

Delta R.T. 0.01 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

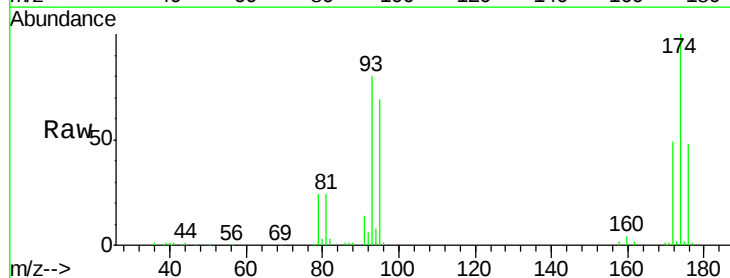
Tgt Ion: 93 Resp: 35676

Ion Ratio Lower Upper

93 100

95 83.5 65.9 98.9

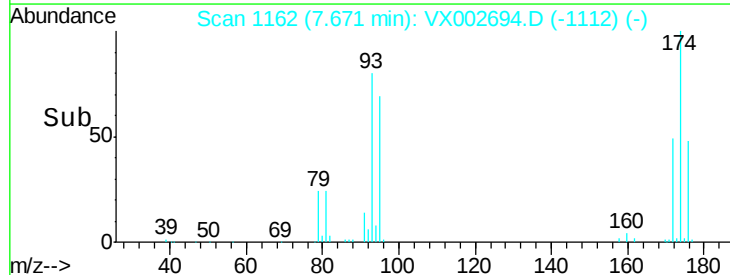
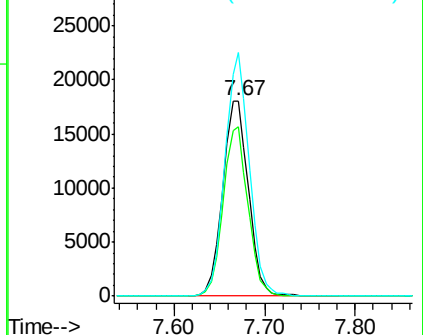
174 117.3 92.4 138.6

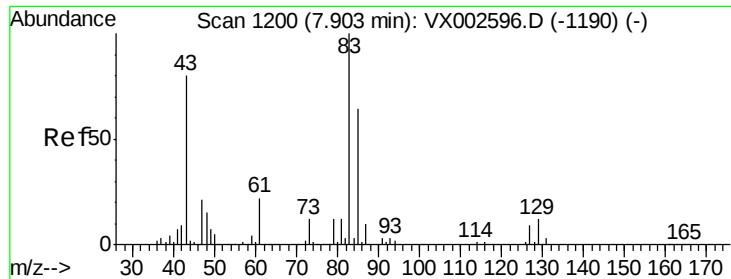


Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.10 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

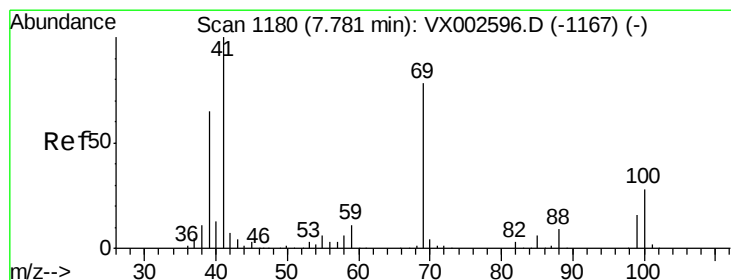
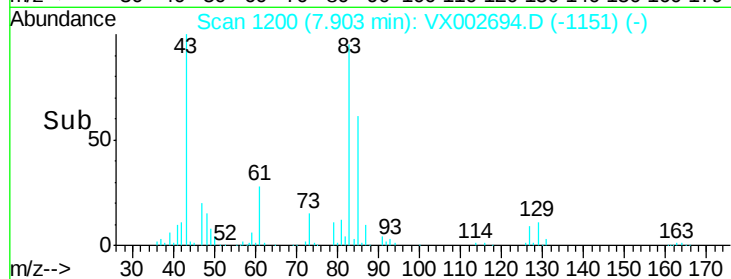
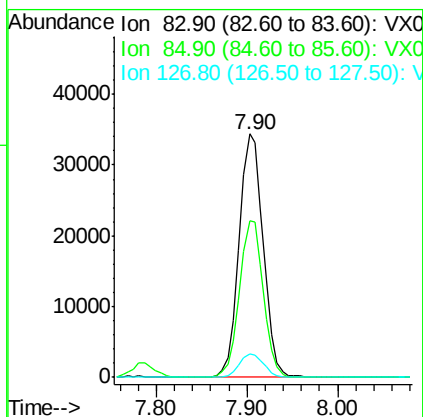
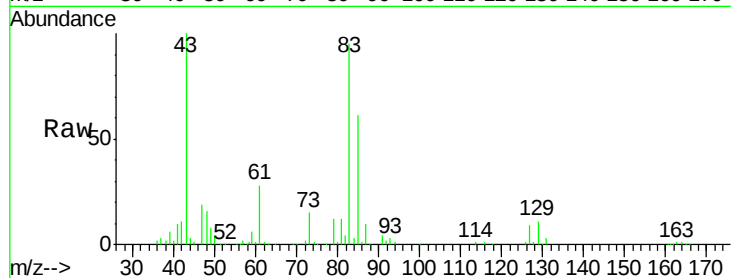
Tot Ion: 83 Resp: 63459

Ion Ratio Lower Upper

83 100

85 64.2 50.3 75.5

127 9.4 7.0 10.4



#48

Methyl methacrylate

Concen: 20.19 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

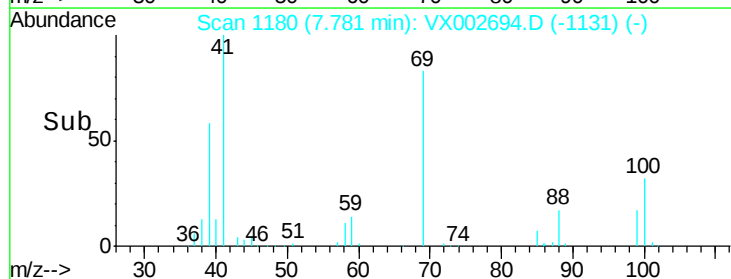
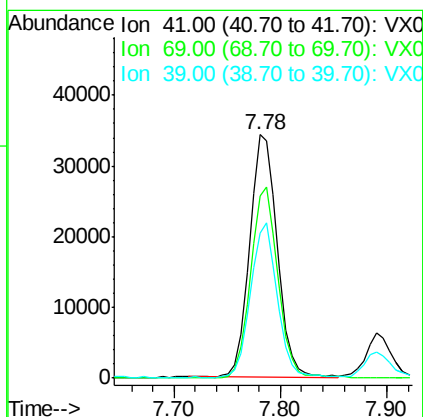
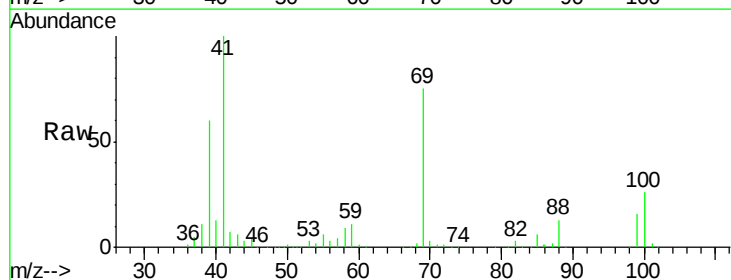
Tgt Ion: 41 Resp: 62501

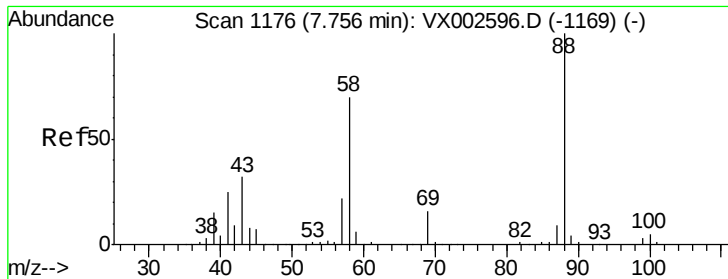
Ion Ratio Lower Upper

41 100

69 78.0 59.1 88.7

39 61.2 48.9 73.3





#49

1,4-Dioxane

Concen: 433.78 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :
MSVOA_X
ClientSampled :

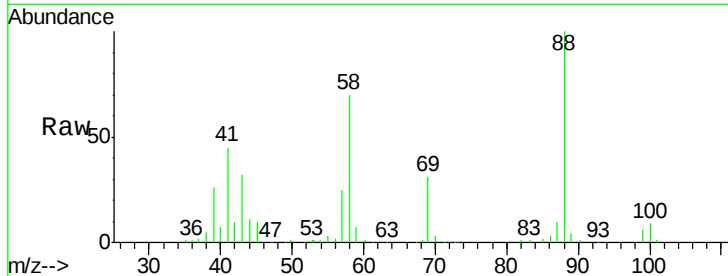
Tot Ion: 88 Resp: 25429

Ion Ratio Lower Upper

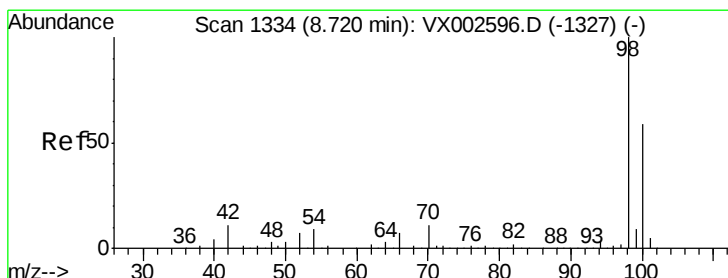
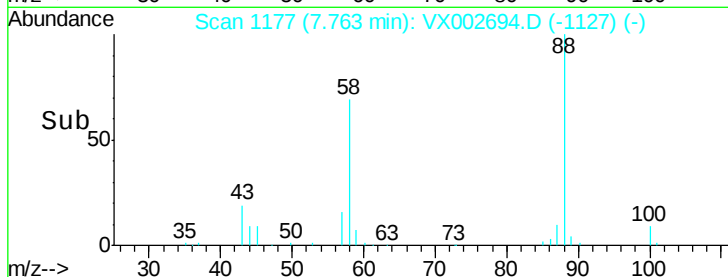
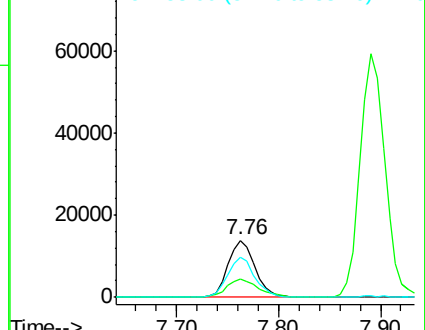
88 100

43 36.2 29.8 44.6

58 72.0 57.1 85.7



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



#50

Toluene-d8

Concen: 50.76 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002694.D

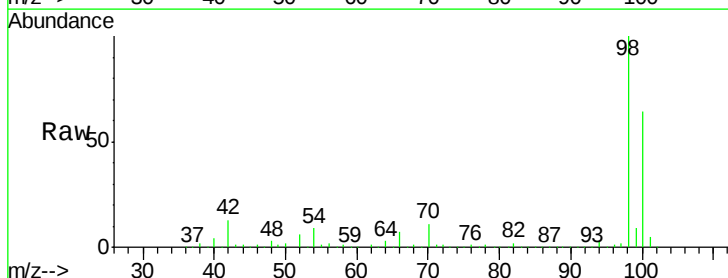
Acq: 18 Jun 2018 22:47

Tgt Ion: 98 Resp: 467865

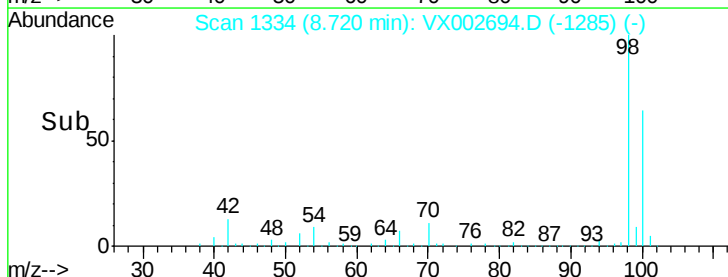
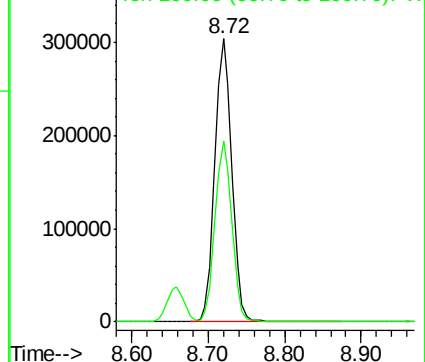
Ion Ratio Lower Upper

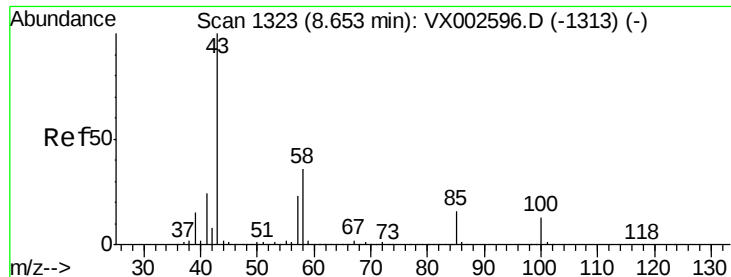
98 100

100 63.8 50.9 76.3



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





#51

4-Methyl-2-Pentanone

Concen: 105.53 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

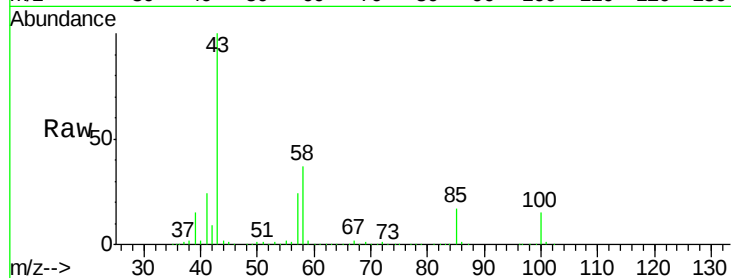
ClientSampled :

Tot Ion: 43 Resp: 410447

Ion Ratio Lower Upper

43 100

58 36.4 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

250000

200000

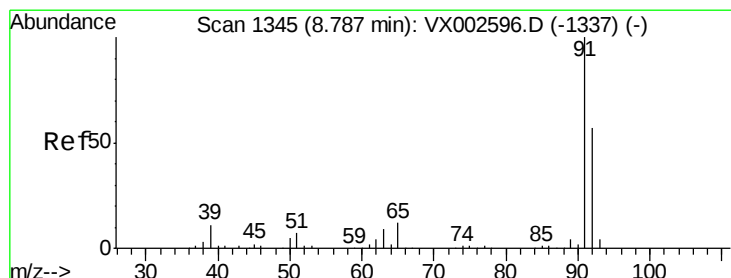
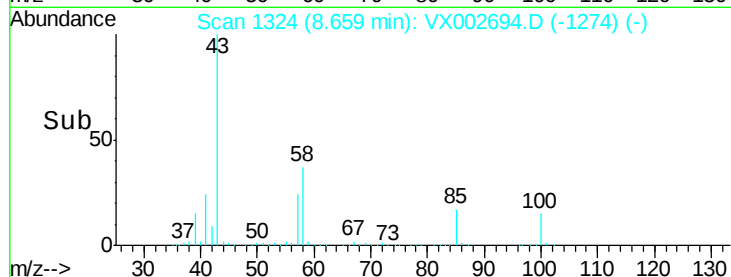
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 20.13 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002694.D

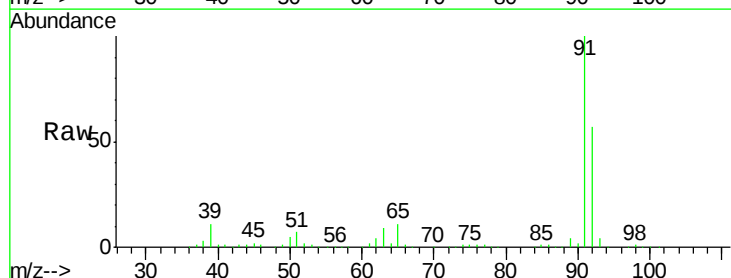
Acq: 18 Jun 2018 22:47

Tgt Ion: 92 Resp: 124350

Ion Ratio Lower Upper

92 100

91 174.9 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

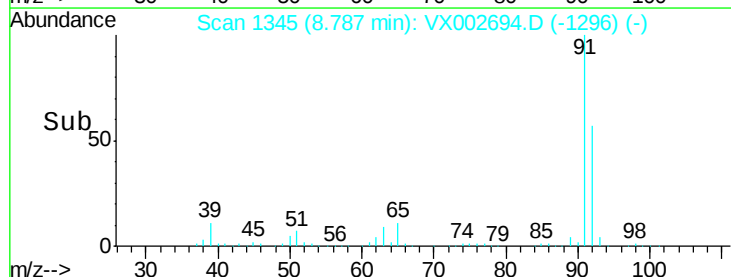
150000

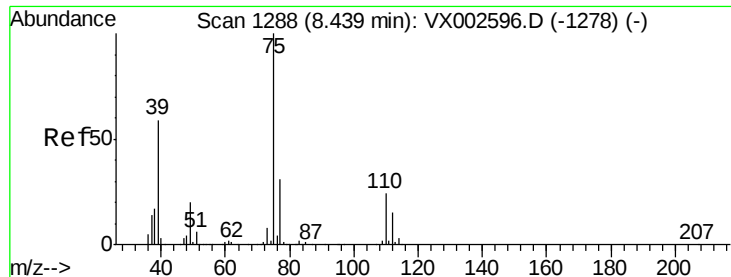
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.28 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

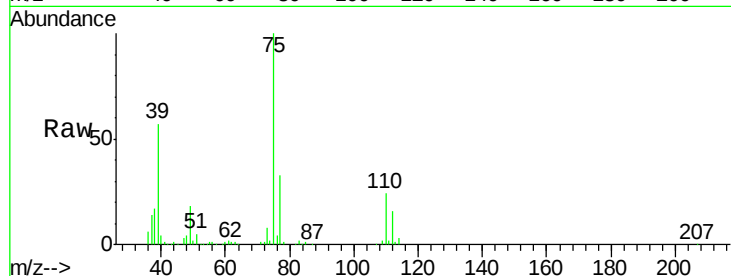
ClientSampleId :

Tot Ion: 75 Resp: 70609

Ion Ratio Lower Upper

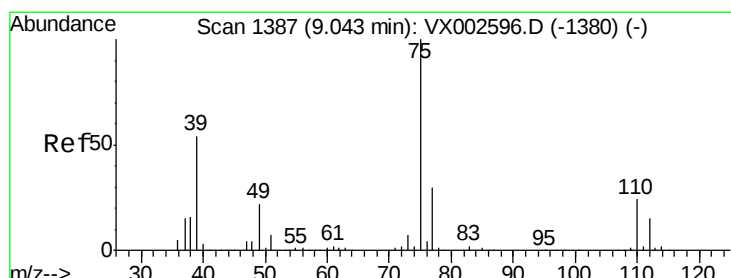
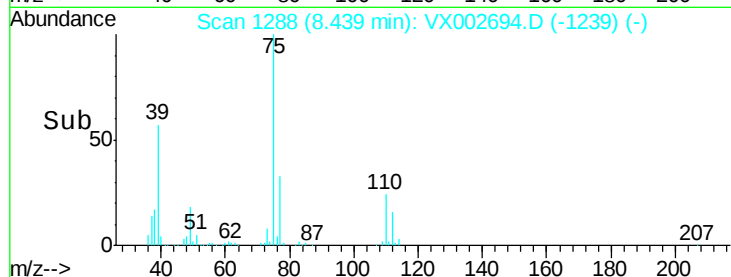
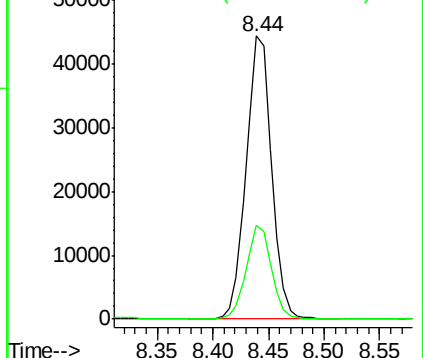
75 100

77 33.3 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: 18.78 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

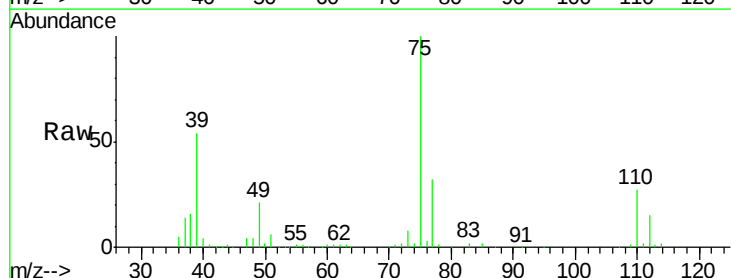
Tgt Ion: 75 Resp: 63200

Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

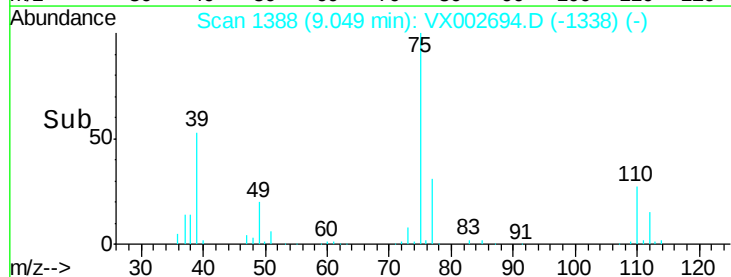
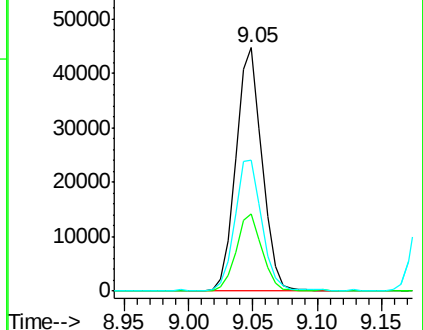
39 53.4 42.4 63.6

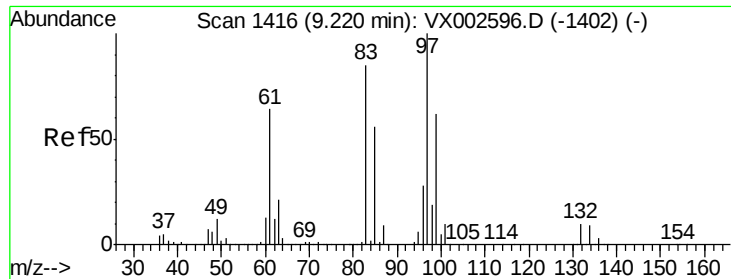


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0



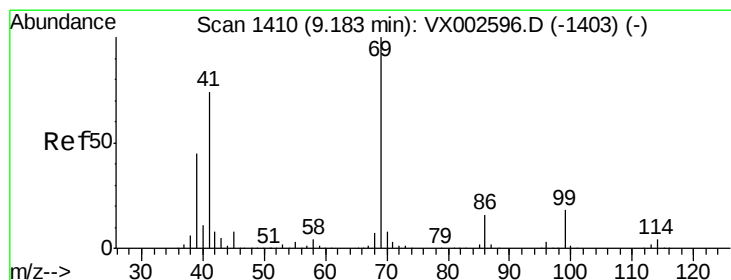
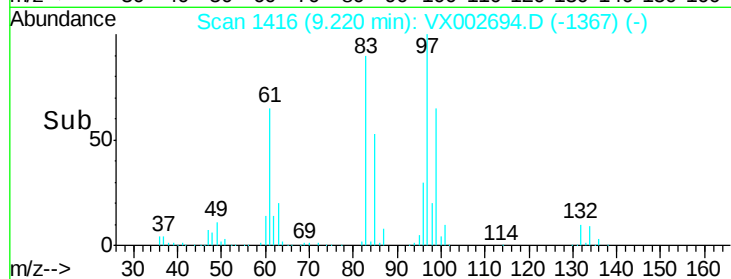
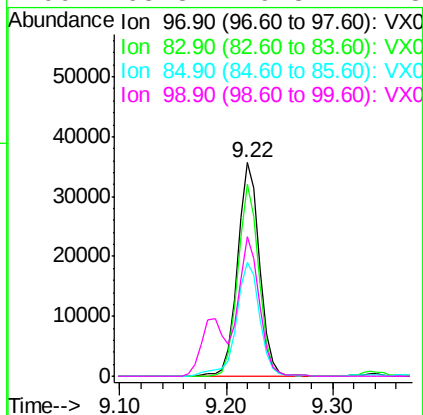
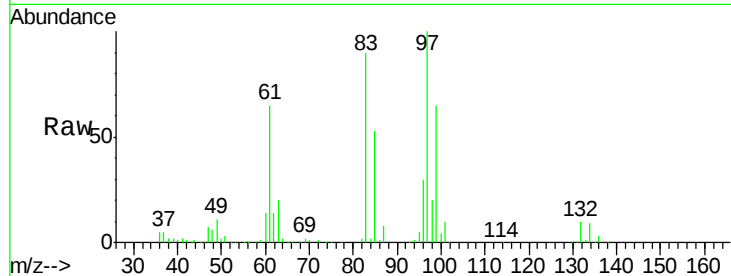


#55
 1,1,2-Trichloroethane
 Concen: 20.80 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 97 Resp: 51935

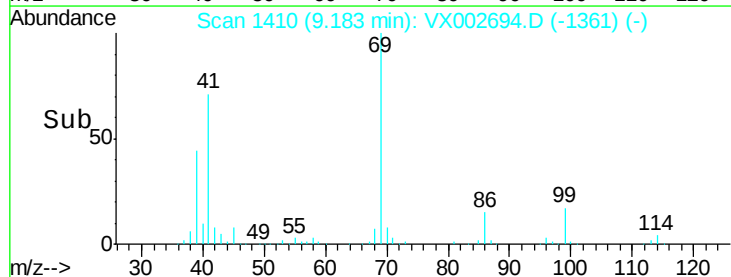
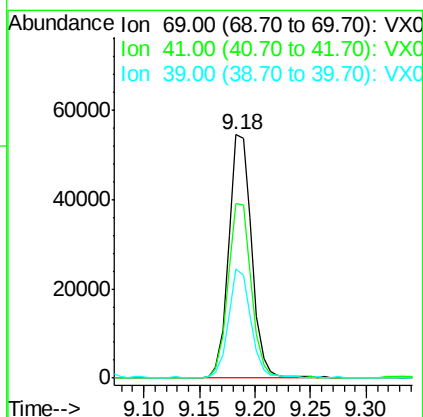
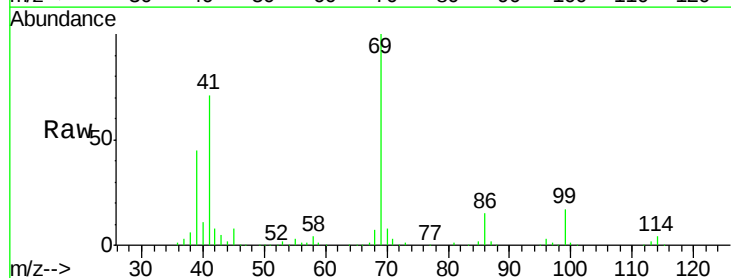
Ion	Ratio	Lower	Upper
97	100		
83	90.1	70.2	105.2
85	53.3	44.9	67.3
99	65.3	49.8	74.8

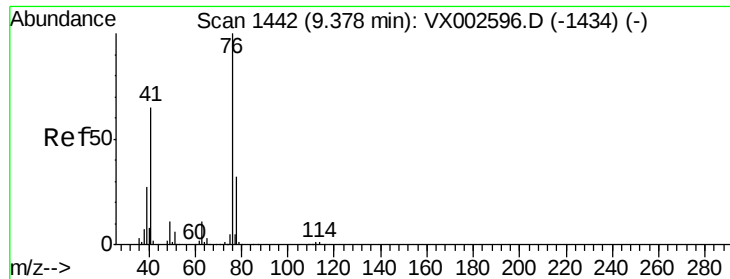


#56
 Ethyl methacrylate
 Concen: 20.18 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Tgt Ion: 69 Resp: 77535

Ion	Ratio	Lower	Upper
69	100		
41	72.2	60.3	90.5
39	42.9	35.8	53.8





#57

1,3-Dichloropropane

Concen: 20.14 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

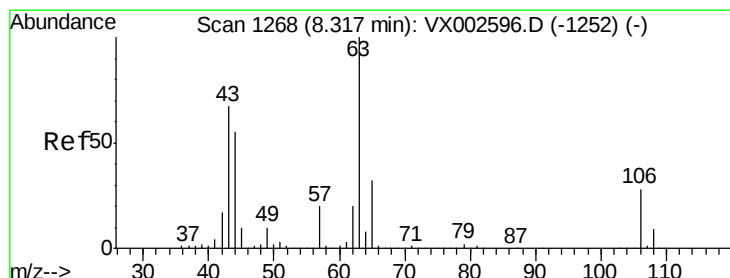
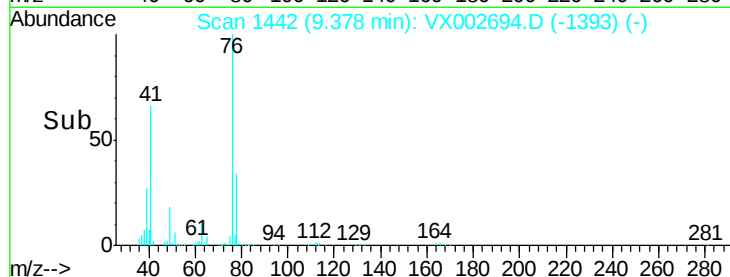
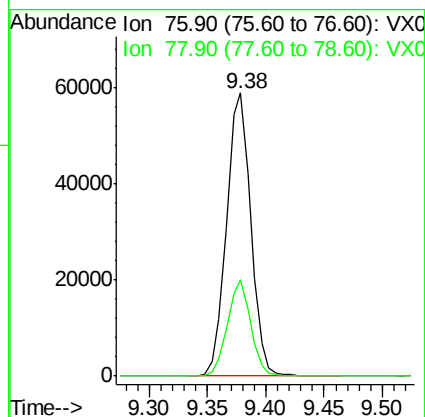
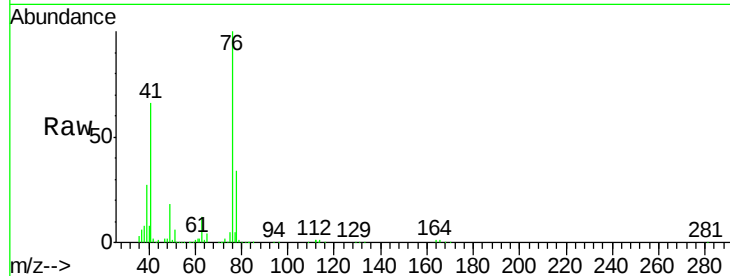
ClientSampleId :

Tot Ion: 76 Resp: 85030

Ion Ratio Lower Upper

76 100

78 32.6 25.8 38.6



#58

2-Chloroethyl Vinyl ether

Concen: 97.79 ug/l

RT: 8.32 min Scan# 1268

Delta R.T. 0.00 min

Lab File: VX002694.D

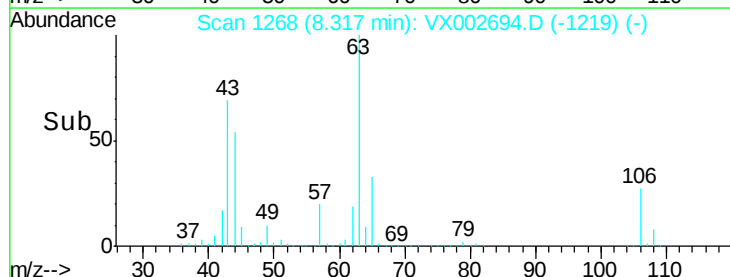
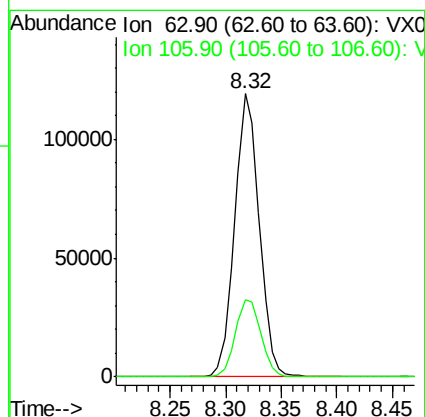
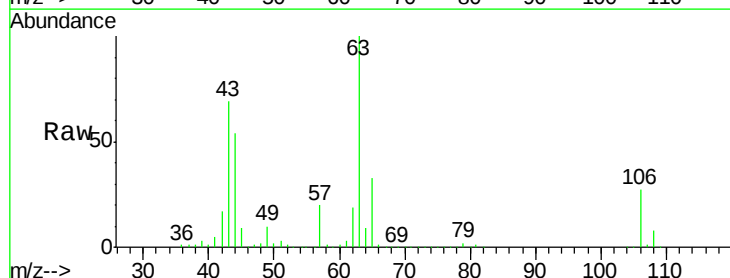
Acq: 18 Jun 2018 22:47

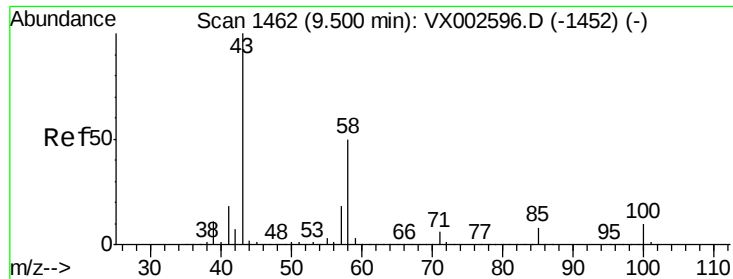
Tgt Ion: 63 Resp: 181715

Ion Ratio Lower Upper

63 100

106 28.4 21.8 32.8

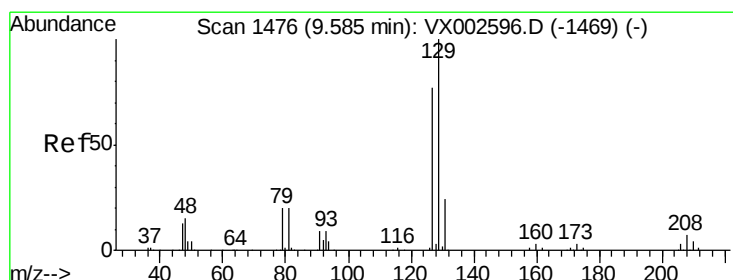
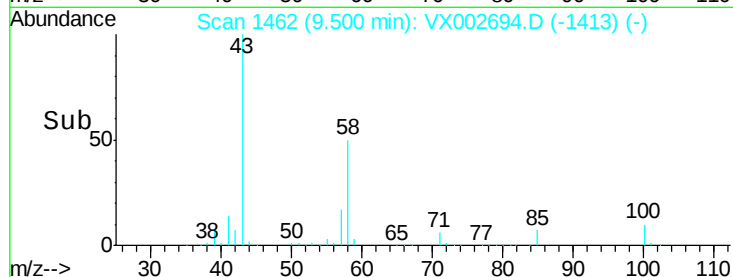
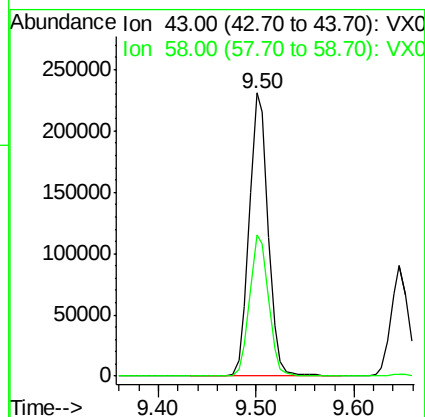
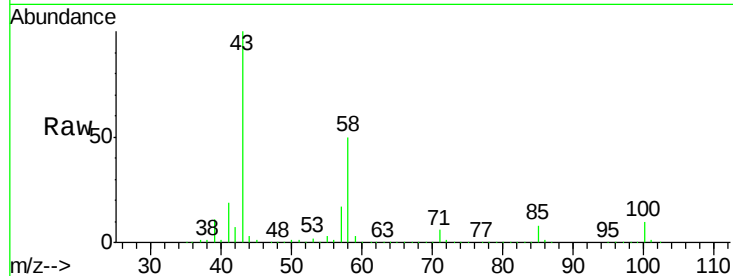




#59
2-Hexanone
Concen: 105.98 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

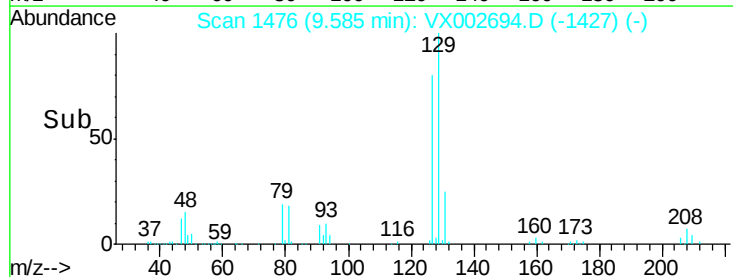
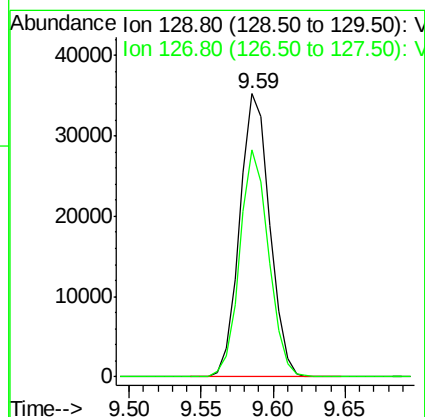
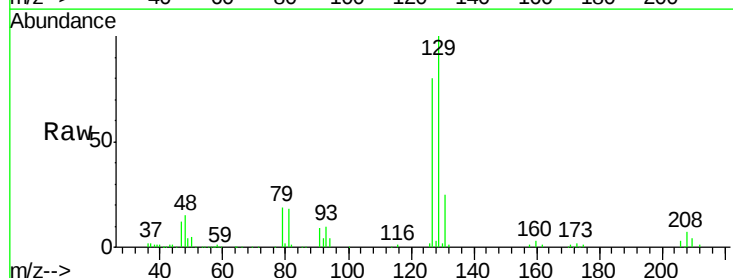
Instrument :
MSVOA_X
ClientSampled :

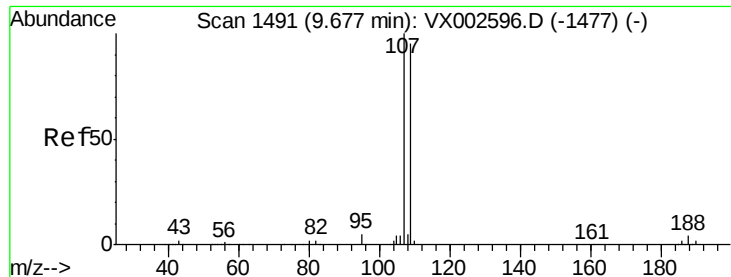
Tot Ion: 43 Resp: 310622
Ion Ratio Lower Upper
43 100
58 50.0 24.6 73.6



#60
Dibromochloromethane
Concen: 20.55 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion: 129 Resp: 50972
Ion Ratio Lower Upper
129 100
127 77.1 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.79 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

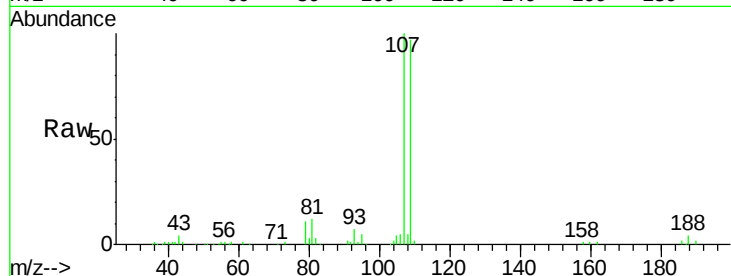
ClientSampleId :

Tot Ion:107 Resp: 53751

Ion Ratio Lower Upper

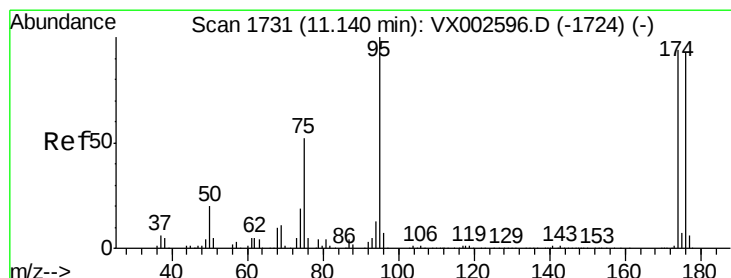
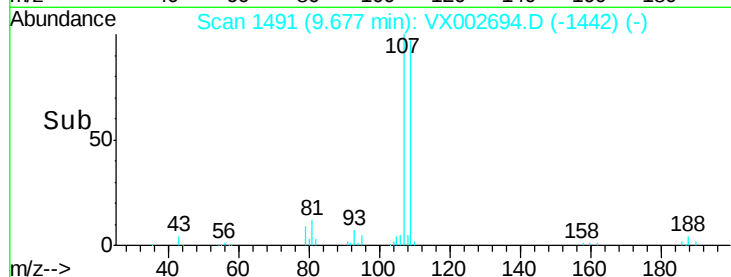
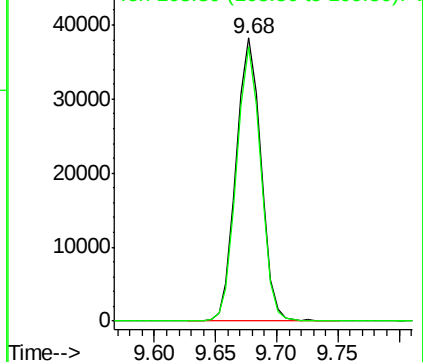
107 100

109 94.5 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: 49.26 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

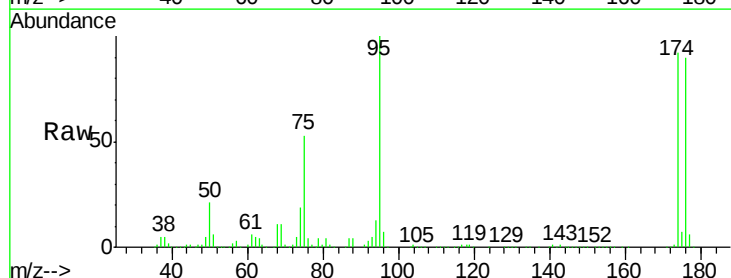
Tgt Ion: 95 Resp: 172027

Ion Ratio Lower Upper

95 100

174 97.6 0.0 187.4

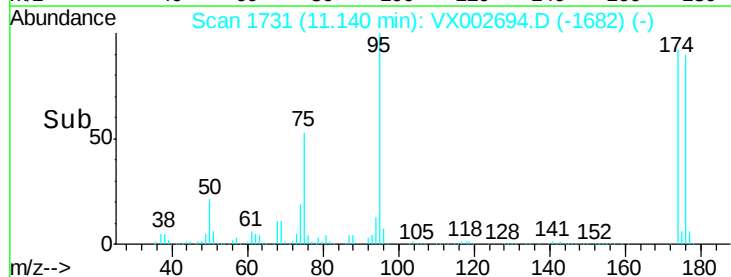
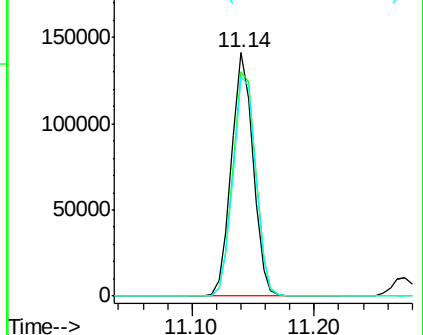
176 94.7 0.0 181.0

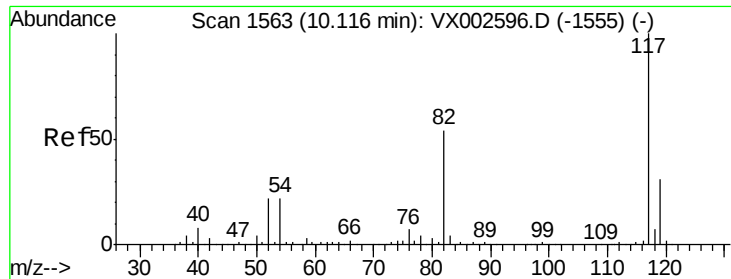


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

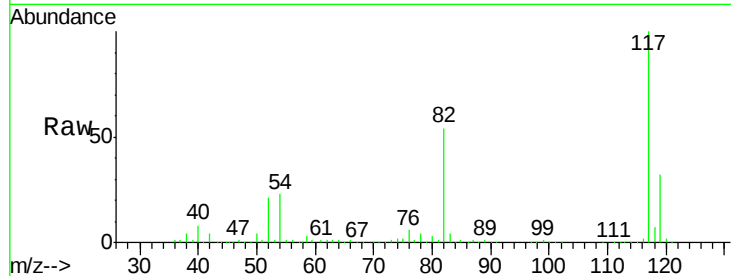




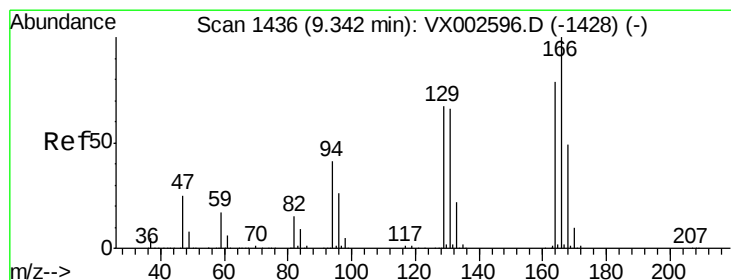
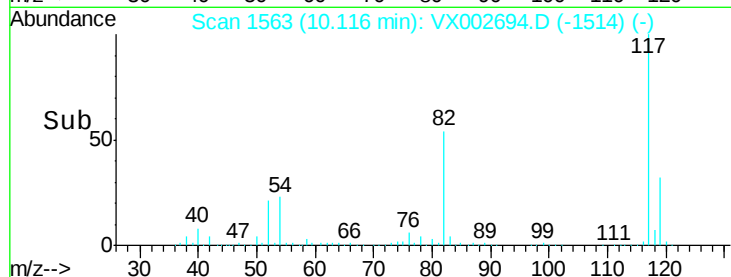
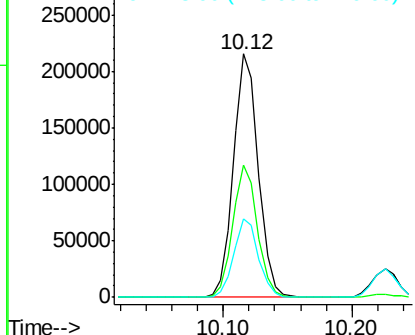
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 289914
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
119 32.2 25.8 38.6



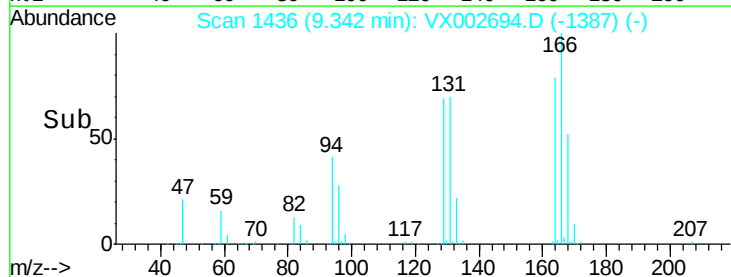
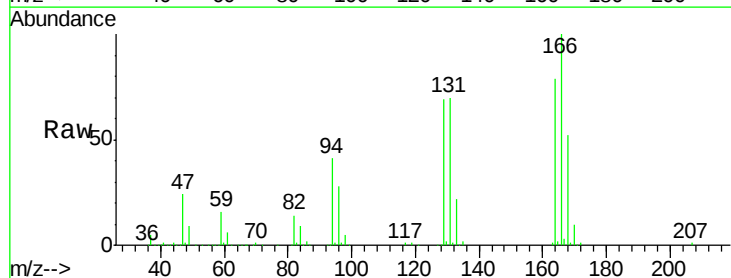
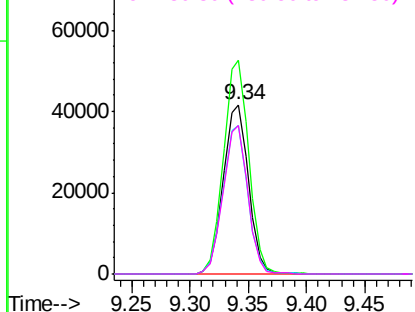
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

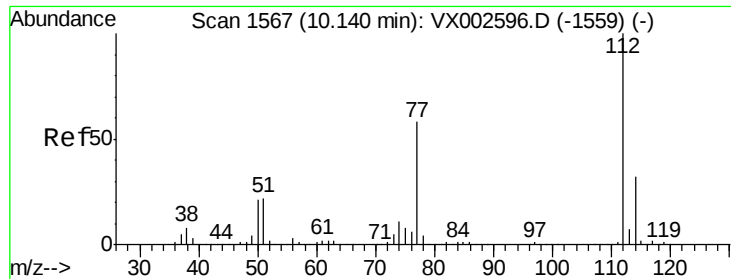


#64
Tetrachloroethene
Concen: 19.37 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion:164 Resp: 62342
Ion Ratio Lower Upper
164 100
166 126.0 102.9 154.3
129 87.3 68.6 102.8
131 87.7 66.8 100.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

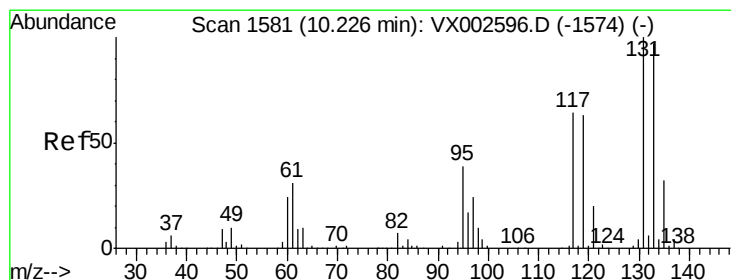
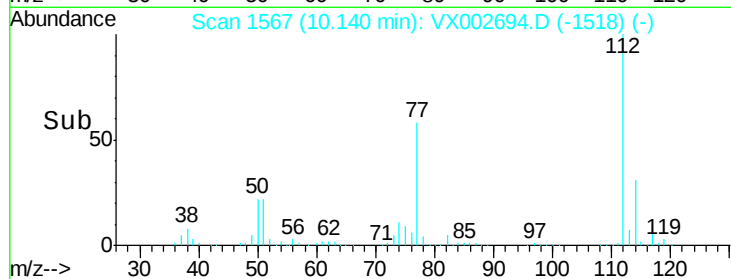
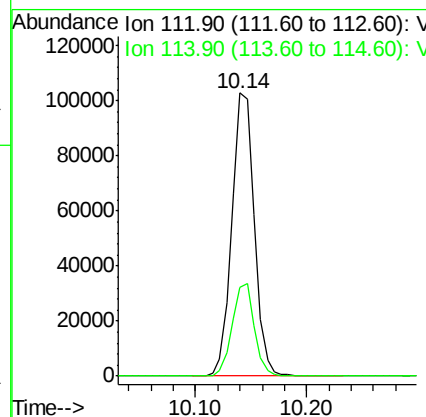
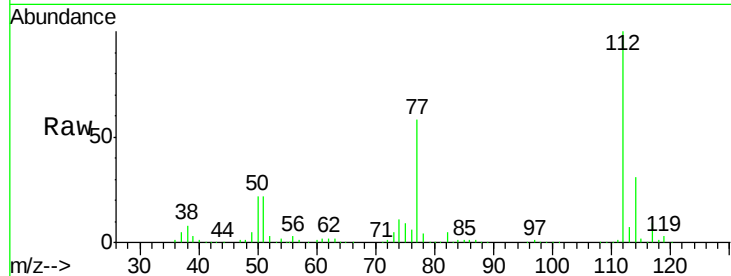




#65
Chlorobenzene
Concen: 20.20 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

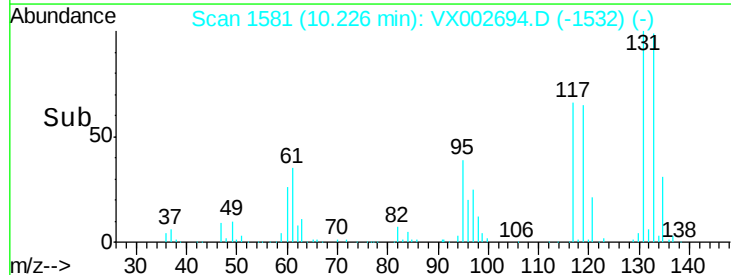
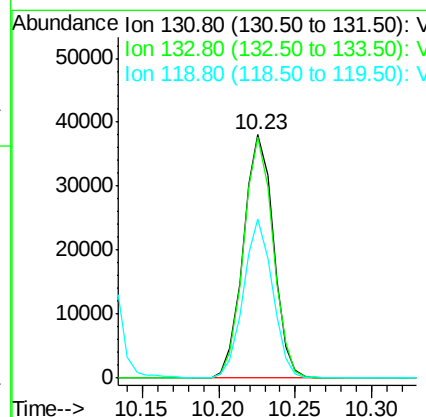
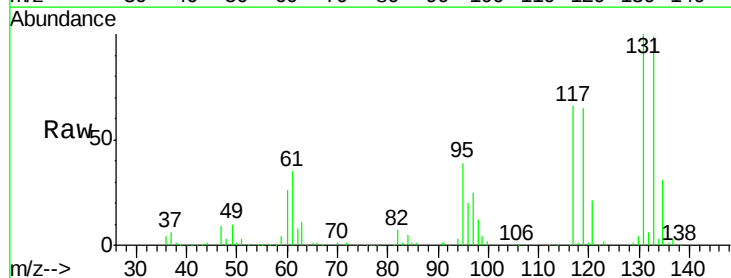
Instrument :
MSVOA_X
ClientSampled :

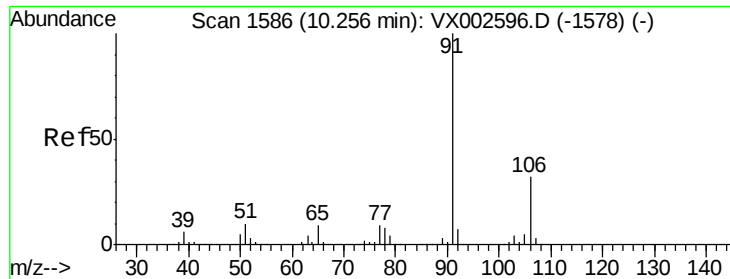
Tot Ion:112 Resp: 143796
Ion Ratio Lower Upper
112 100
114 31.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.48 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion:131 Resp: 52129
Ion Ratio Lower Upper
131 100
133 97.0 47.9 143.6
119 63.1 31.8 95.3

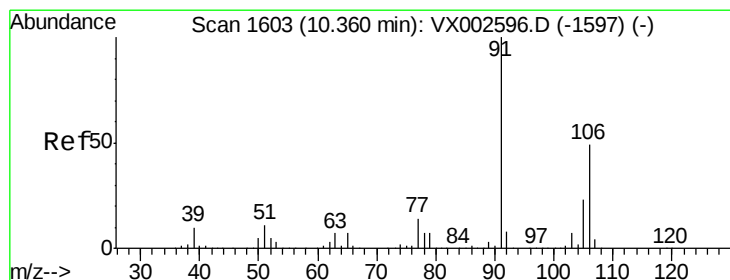
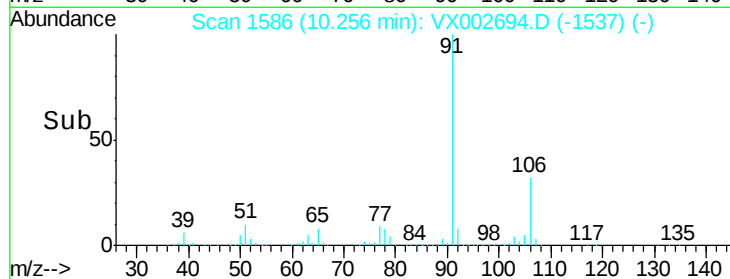
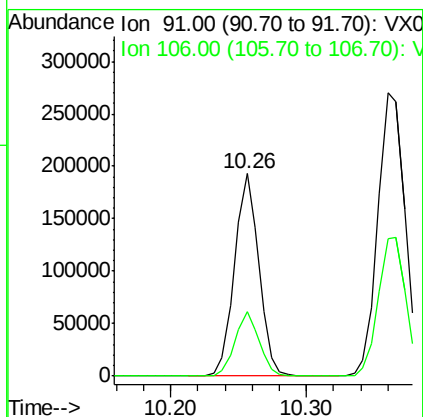
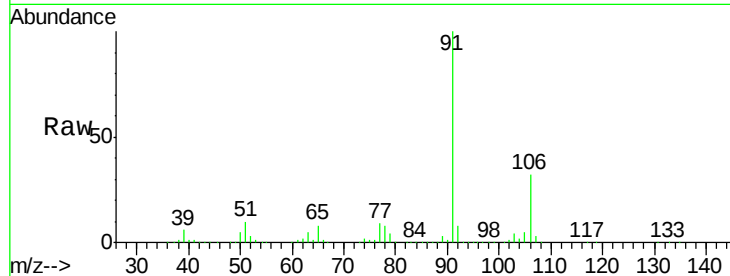




#67
Ethyl Benzene
Concen: 20.04 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

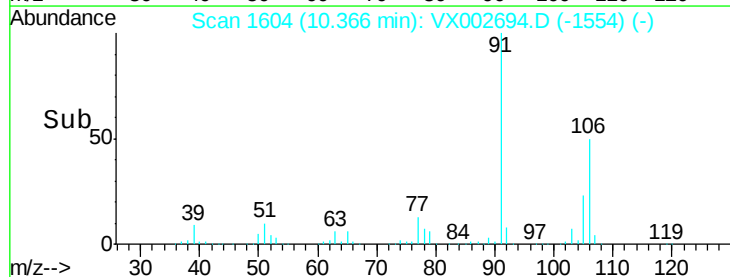
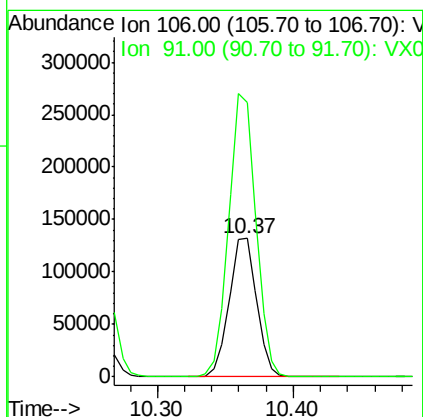
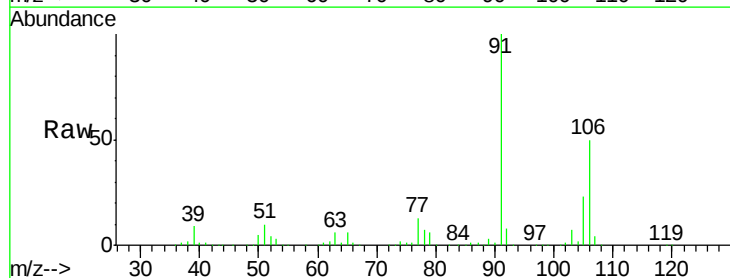
Instrument :
MSVOA_X
ClientSampled :

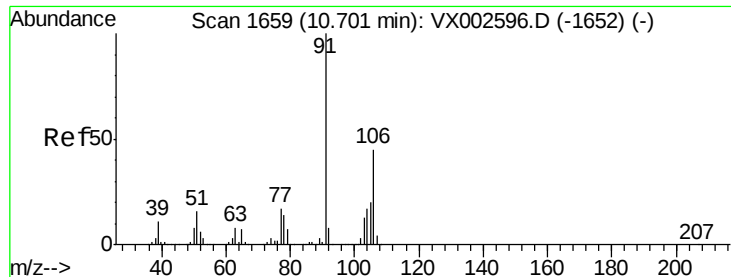
Tot Ion: 91 Resp: 240706
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3



#68
m/p-Xylenes
Concen: 39.95 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion: 106 Resp: 185053
Ion Ratio Lower Upper
106 100
91 203.2 163.4 245.2

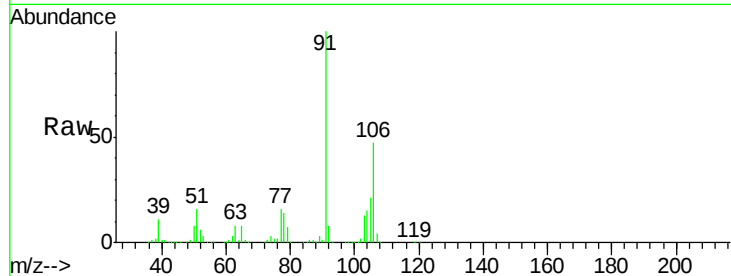




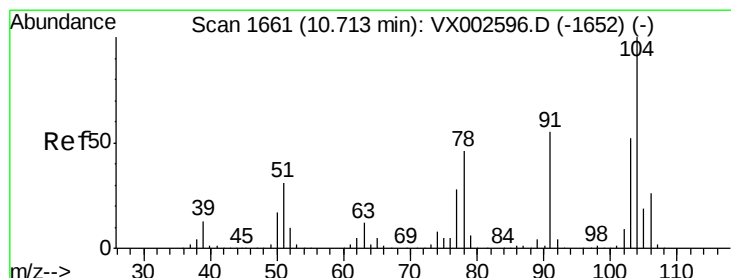
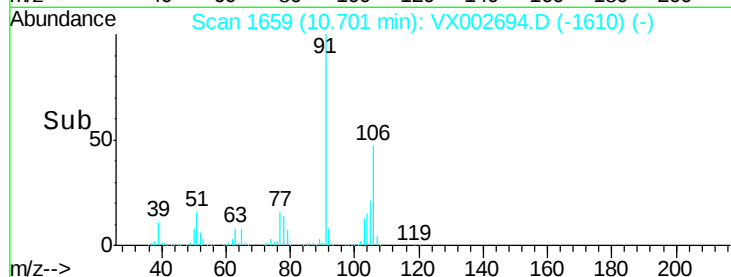
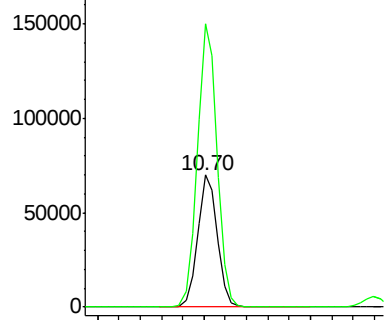
#69
o-Xylene
Concen: 19.74 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 89831
Ion Ratio Lower Upper
106 100
91 215.9 108.2 324.6

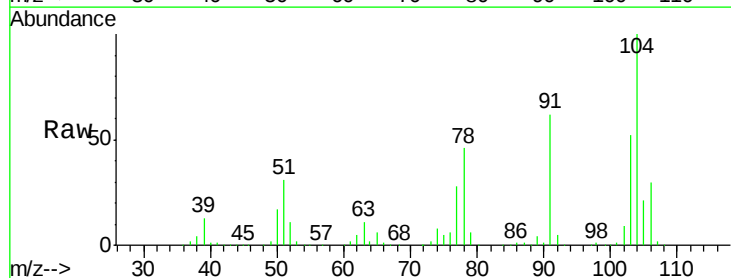


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

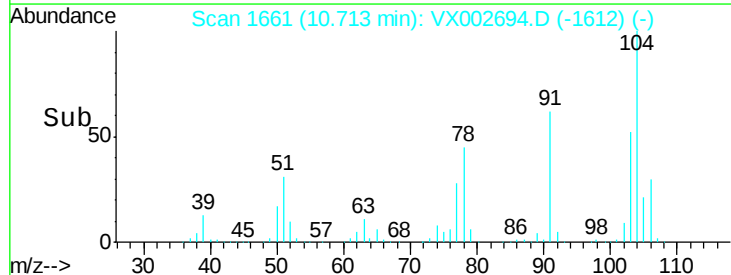
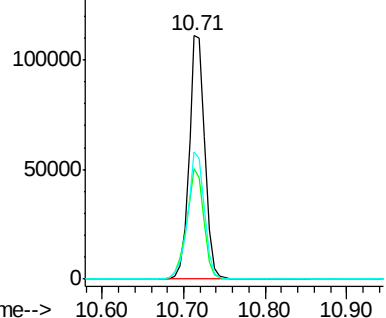


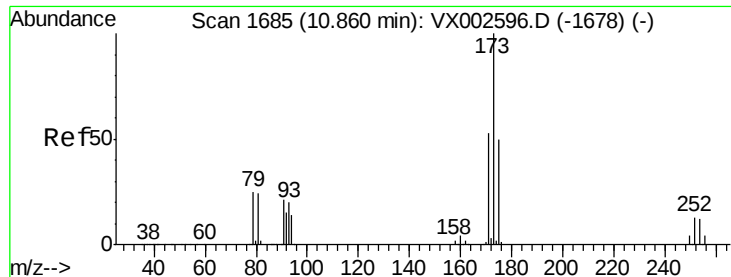
#70
Styrene
Concen: 20.16 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion:104 Resp: 150905
Ion Ratio Lower Upper
104 100
78 49.8 41.0 61.6
103 55.9 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

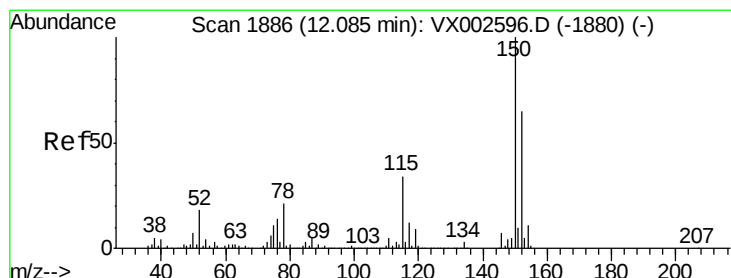
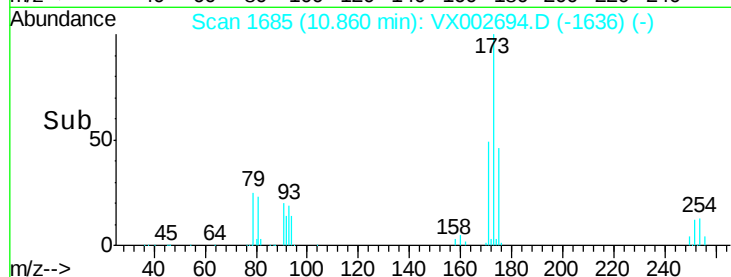
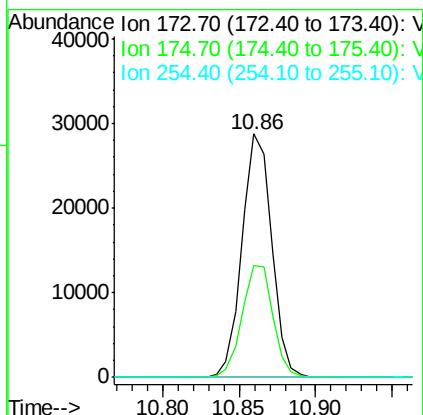
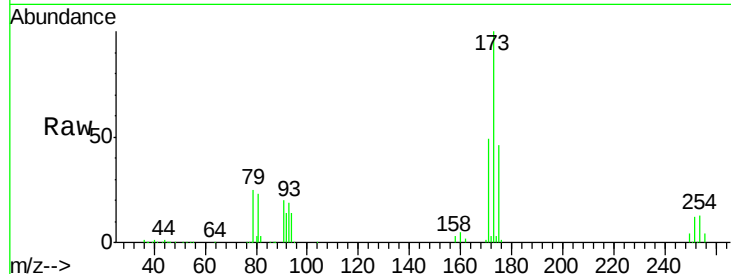




#71
Bromoform
Concen: 20.72 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

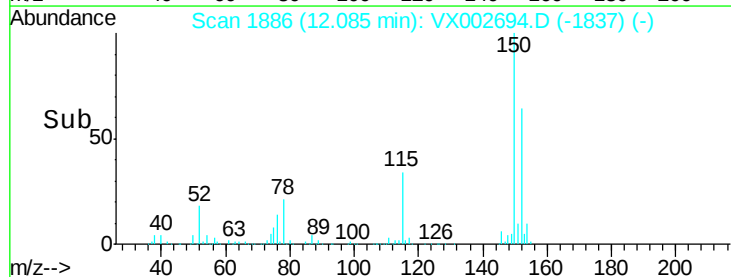
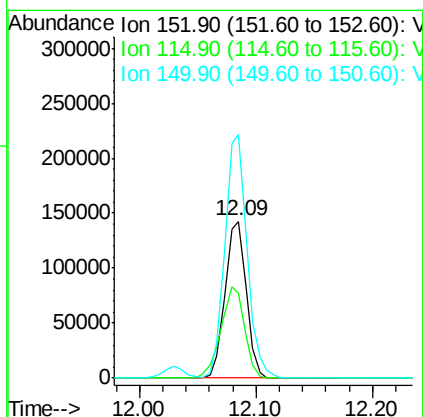
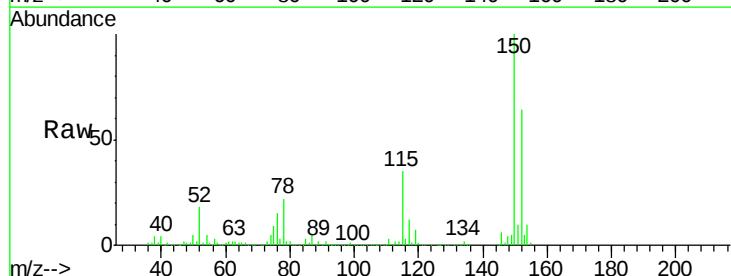
Instrument :
MSVOA_X
ClientSampleId :

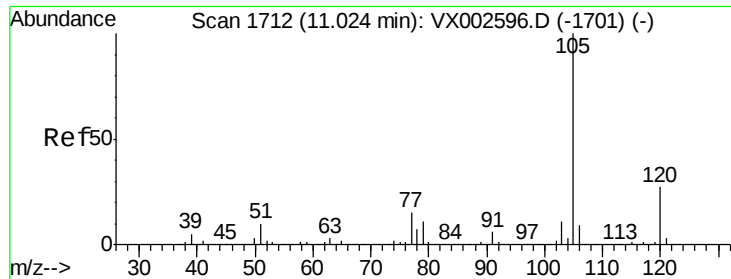
Tot Ion:173 Resp: 38860
Ion Ratio Lower Upper
173 100
175 47.6 24.7 74.1
254 0.0 0.2 0.2#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion:152 Resp: 178885
Ion Ratio Lower Upper
152 100
115 65.0 40.1 120.2
150 162.9 0.0 347.2





#73

Isopropylbenzene

Concen: 20.91 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

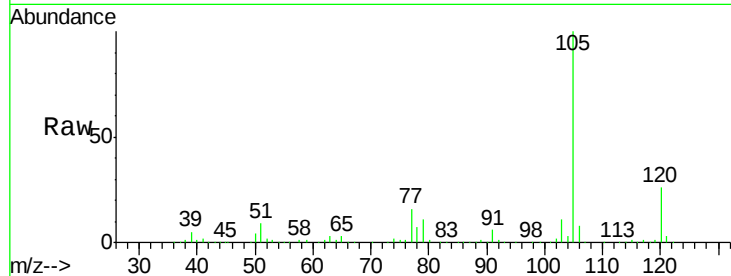
ClientSampleId :

Tot Ion:105 Resp: 250181

Ion Ratio Lower Upper

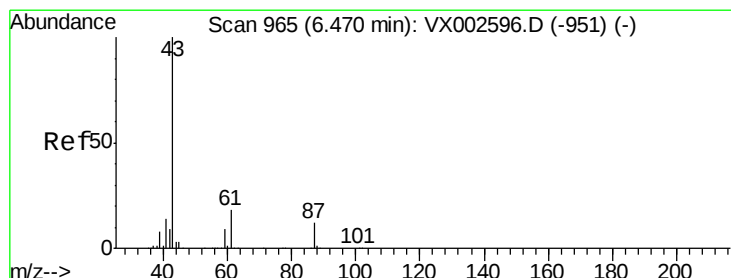
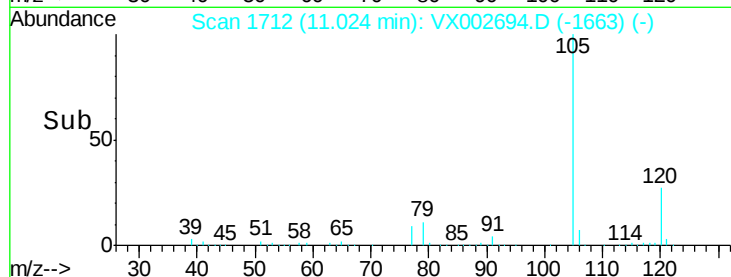
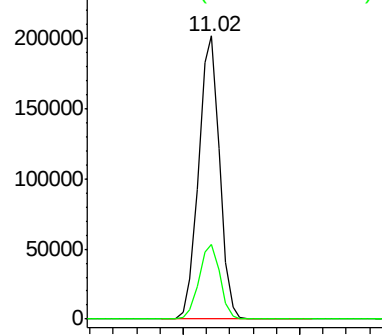
105 100

120 26.7 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 20.51 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Tgt Ion: 43 Resp: 121907

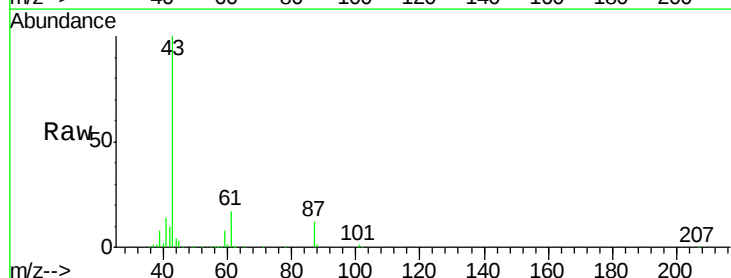
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 17.7 14.4 21.6

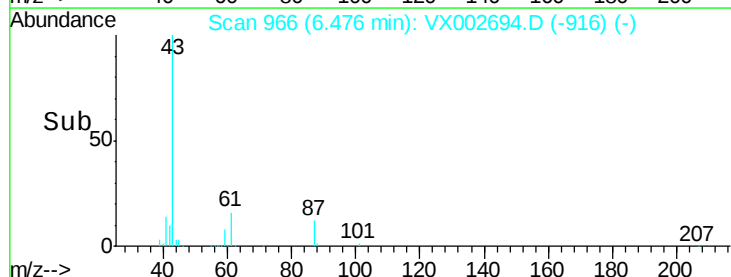
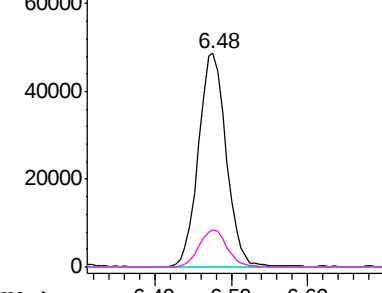


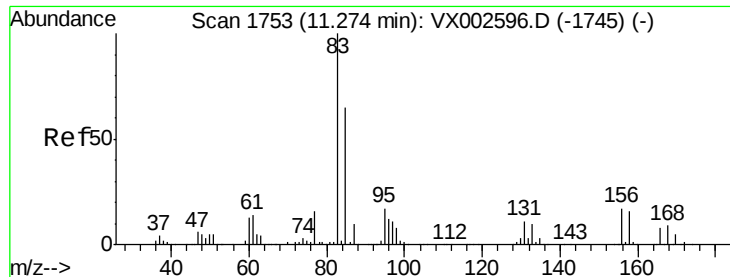
Abundance Ion 43.00 (42.70 to 43.70): VX0

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





#75

1,1,2,2-Tetrachloroethane

Concen: 22.44 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

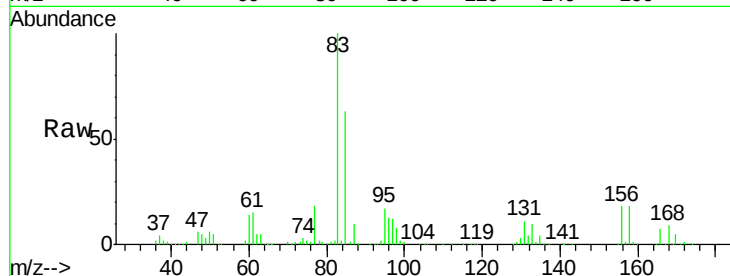
Tot Ion: 83 Resp: 79267

Ion Ratio Lower Upper

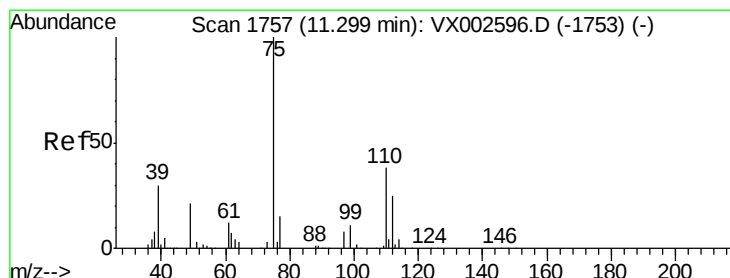
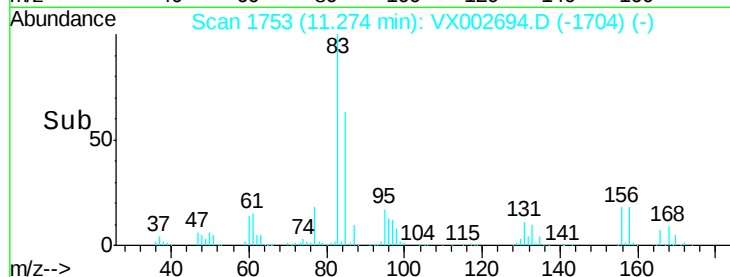
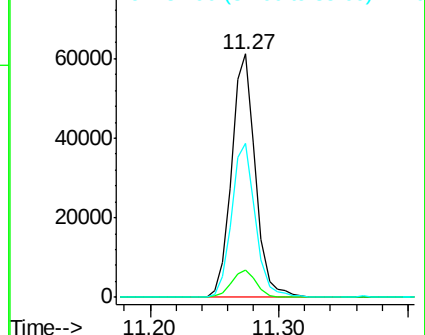
83 100

131 11.5 5.6 16.8

85 63.4 32.4 97.2



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



#76

1,2,3-Trichloropropane

Concen: 24.99 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002694.D

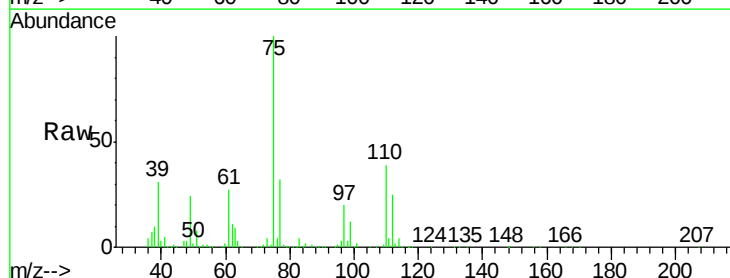
Acq: 18 Jun 2018 22:47

Tgt Ion: 75 Resp: 84364

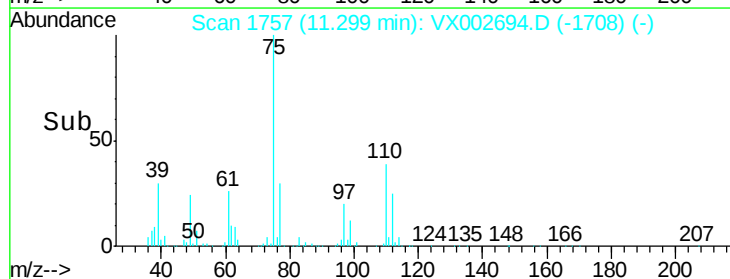
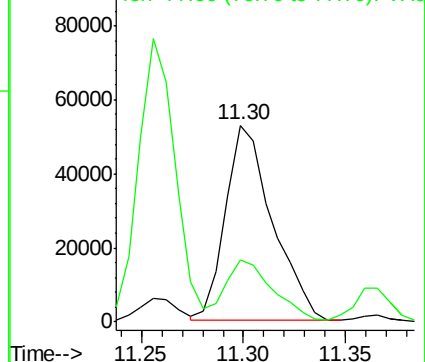
Ion Ratio Lower Upper

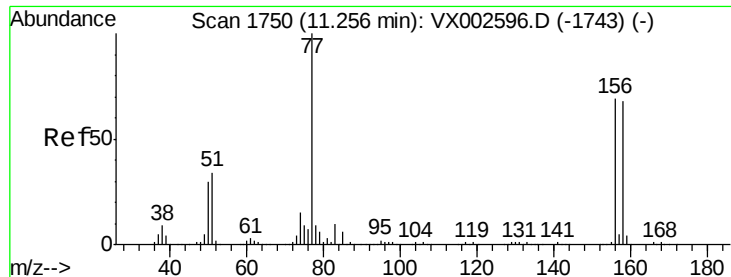
75 100

77 32.6 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: 20.62 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

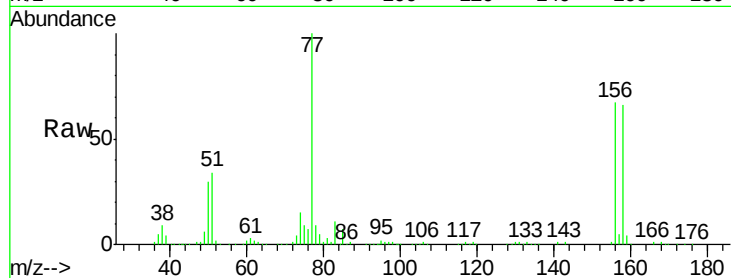
Tot Ion:156 Resp: 68723

Ion Ratio Lower Upper

156 100

77 139.2 71.4 214.2

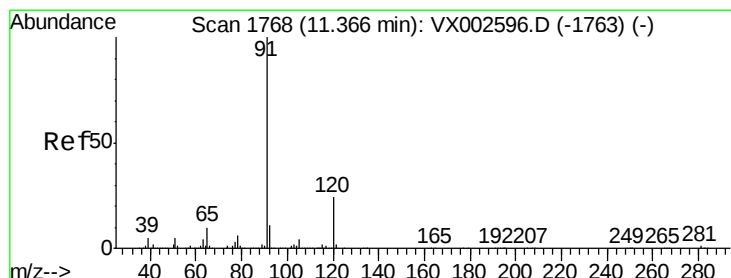
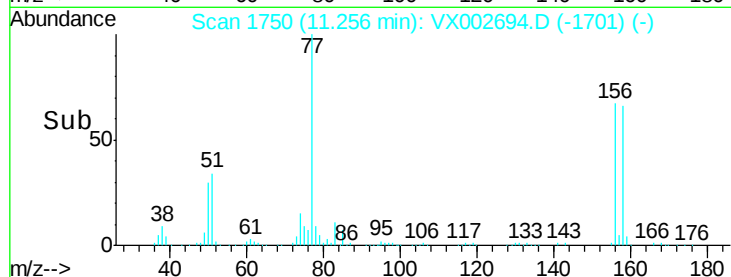
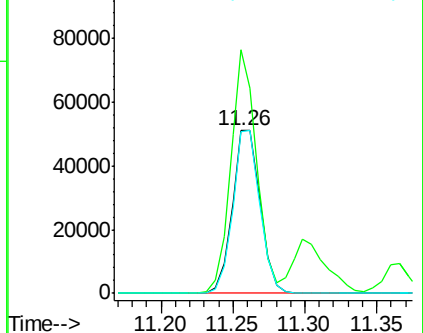
158 97.9 48.9 146.6



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: 20.40 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002694.D

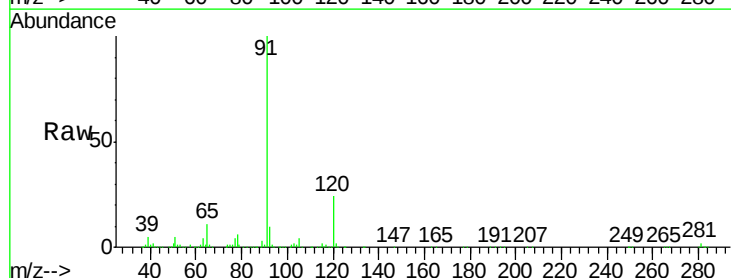
Acq: 18 Jun 2018 22:47

Tgt Ion: 91 Resp: 279899

Ion Ratio Lower Upper

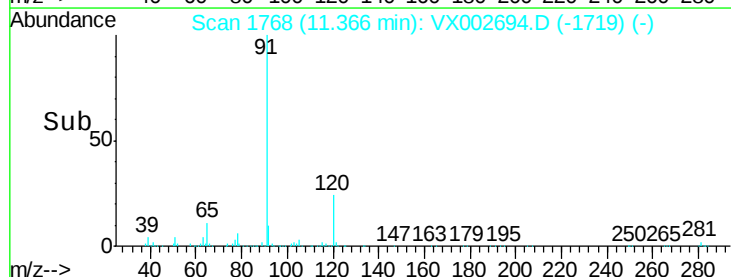
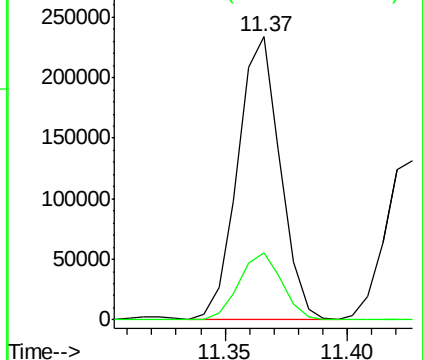
91 100

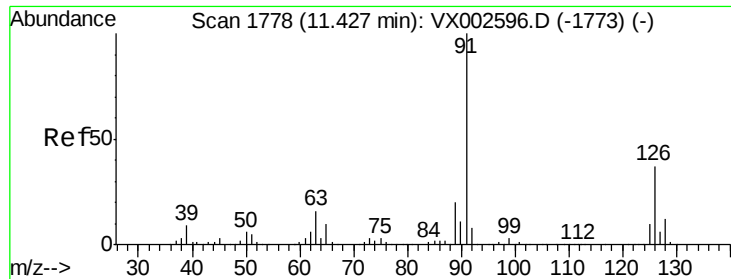
120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

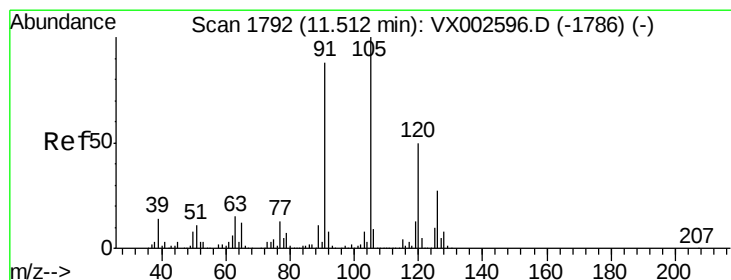
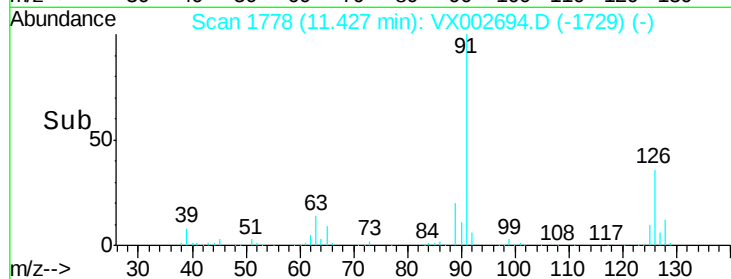
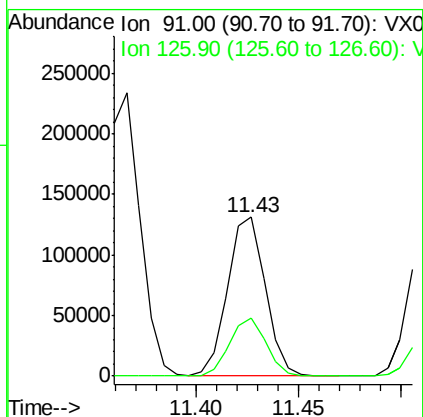
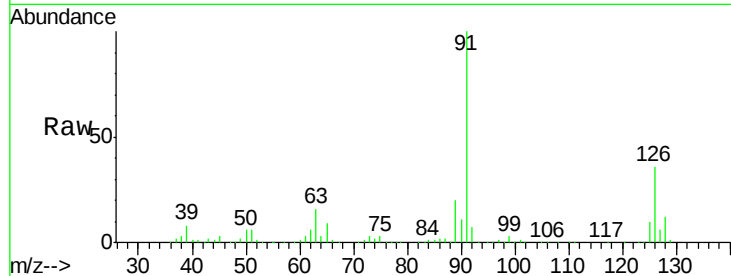




#79
 2-Chlorotoluene
 Concen: 20.43 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

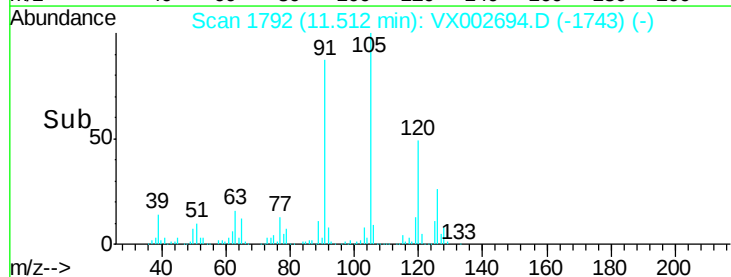
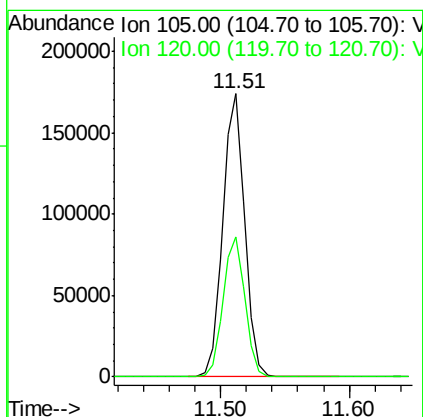
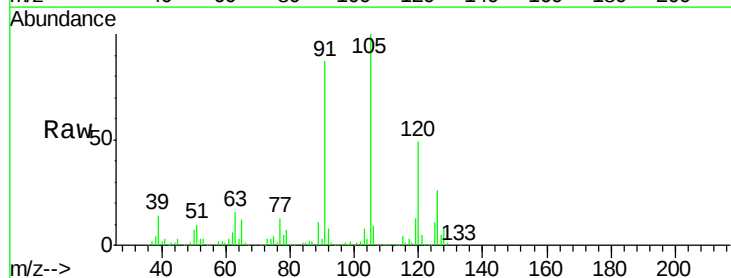
Instrument :
 MSVOA_X
 ClientSampled :

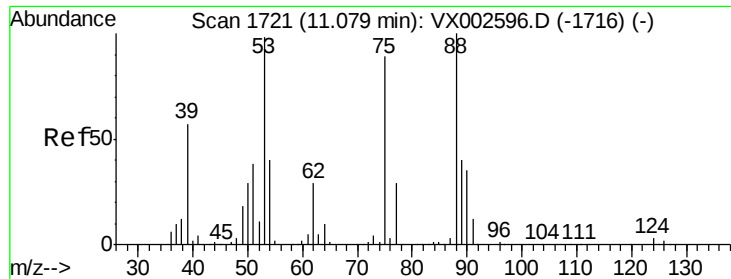
Tot Ion: 91 Resp: 167359
 Ion Ratio Lower Upper
 91 100
 126 35.9 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 20.63 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Tgt Ion: 105 Resp: 208556
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 18.15 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

ClientSampleId :

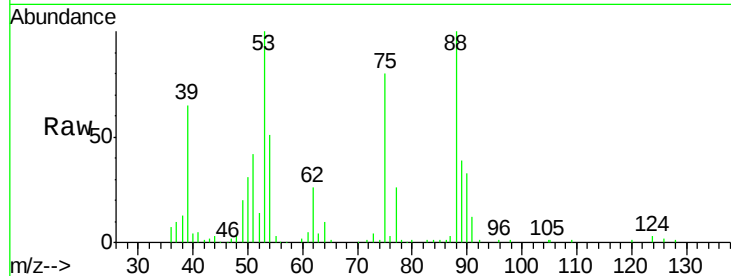
Tot Ion: 75 Resp: 16084

Ion Ratio Lower Upper

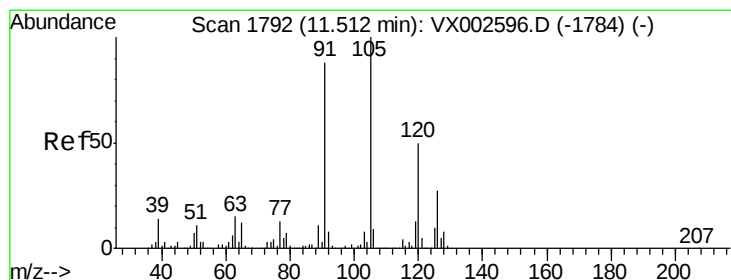
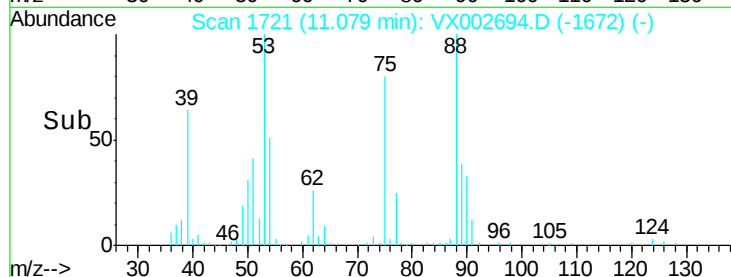
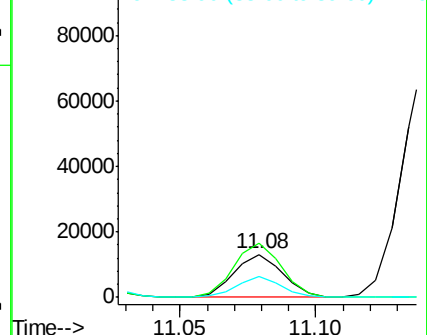
75 100

53 126.1 86.8 130.2

89 46.9 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: 20.19 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002694.D

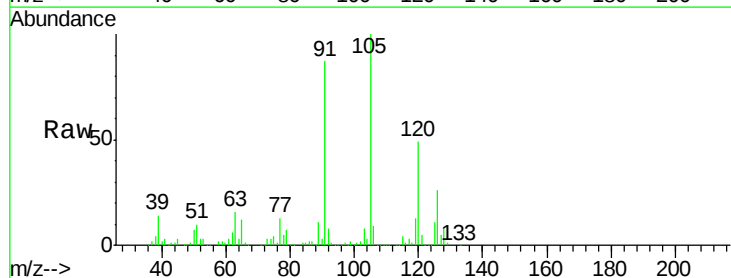
Acq: 18 Jun 2018 22:47

Tgt Ion: 91 Resp: 195194

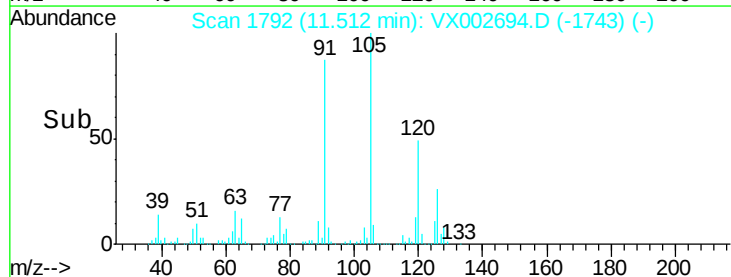
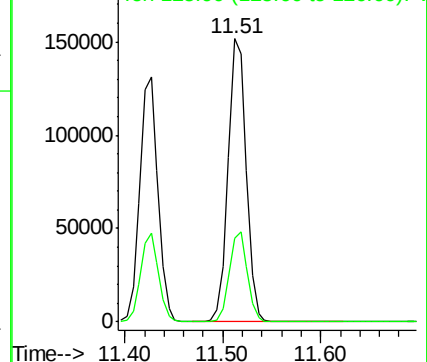
Ion Ratio Lower Upper

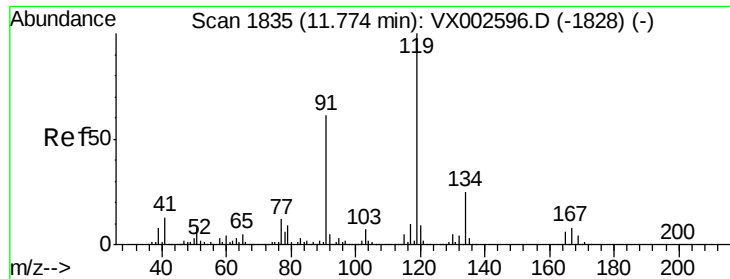
91 100

126 31.5 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0
Ion 125.90 (125.60 to 126.60): V

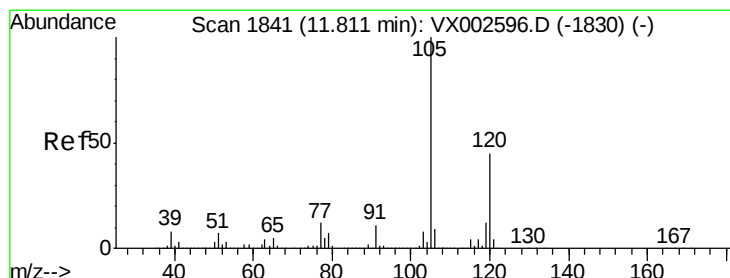
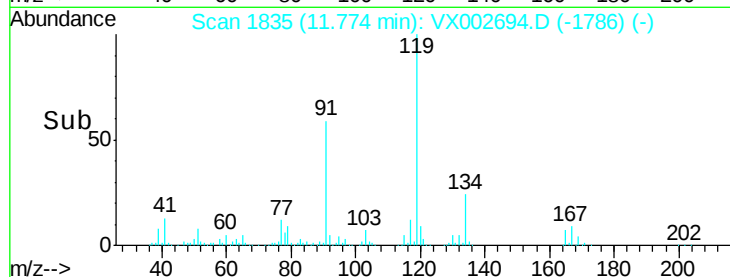
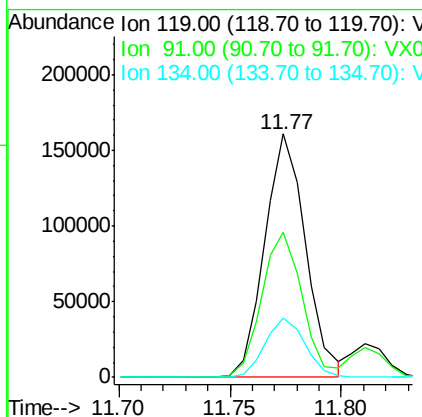
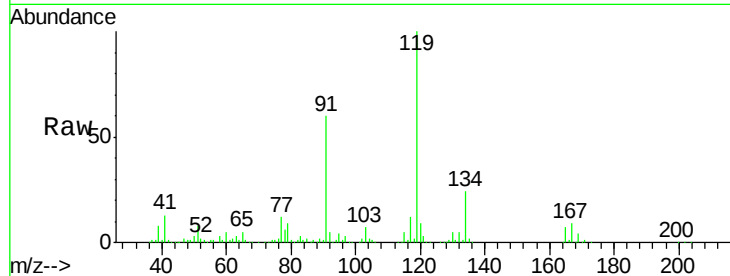




#83
 tert-Butylbenzene
 Concen: 21.02 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

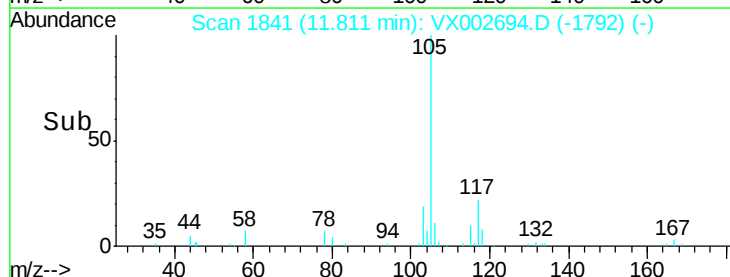
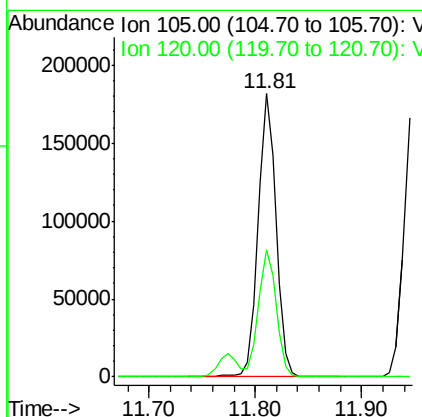
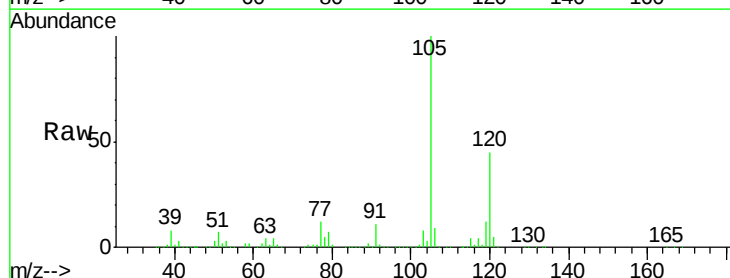
Instrument :
 MSVOA_X
 ClientSampleId :

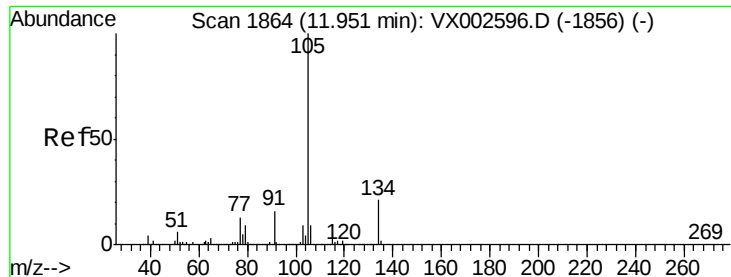
Tot Ion:119 Resp: 204748
 Ion Ratio Lower Upper
 119 100
 91 59.4 30.3 90.9
 134 24.0 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 20.90 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Tgt Ion:105 Resp: 215590
 Ion Ratio Lower Upper
 105 100
 120 45.0 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.70 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

Instrument :

MSVOA_X

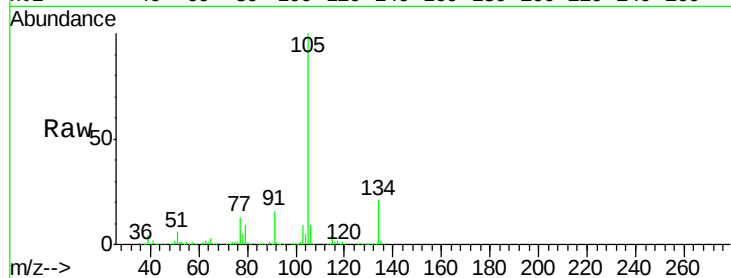
ClientSampleId :

Tot Ion:105 Resp: 250745

Ion Ratio Lower Upper

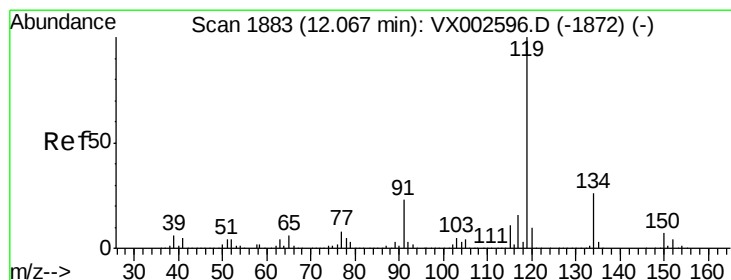
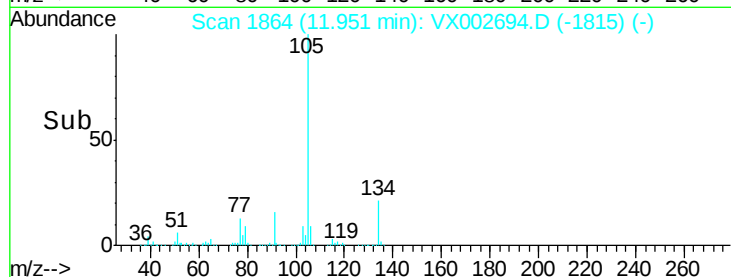
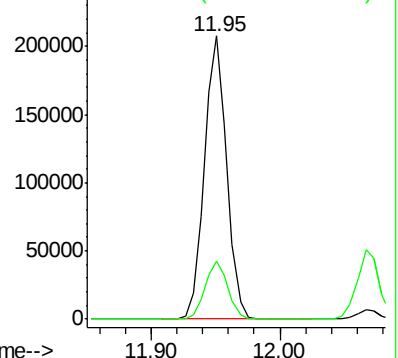
105 100

134 20.7 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: 20.34 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002694.D

Acq: 18 Jun 2018 22:47

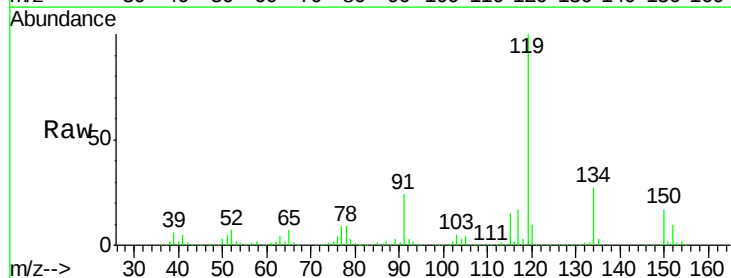
Tgt Ion:119 Resp: 222881

Ion Ratio Lower Upper

119 100

134 26.8 13.4 40.1

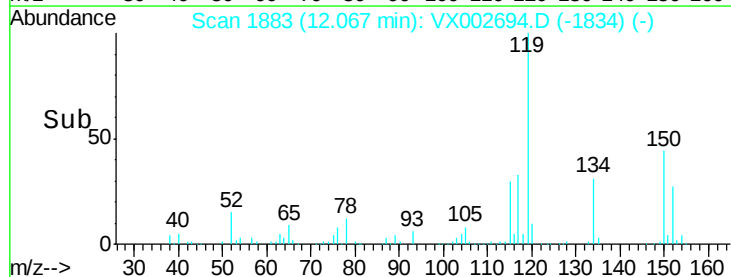
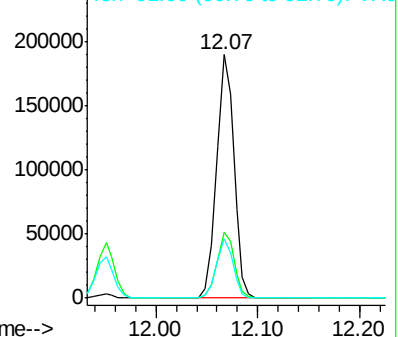
91 23.9 11.9 35.7

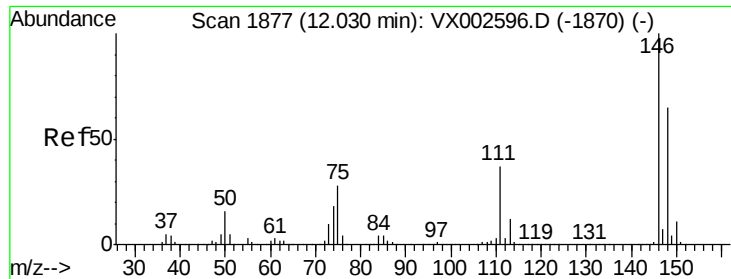


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

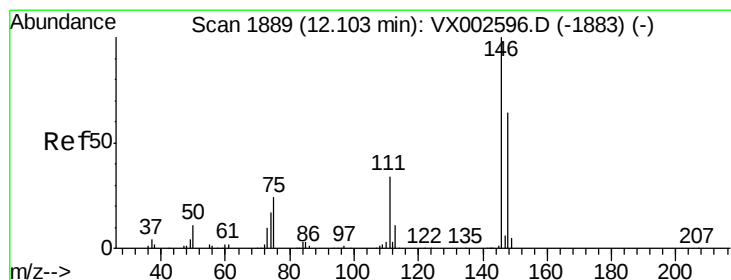
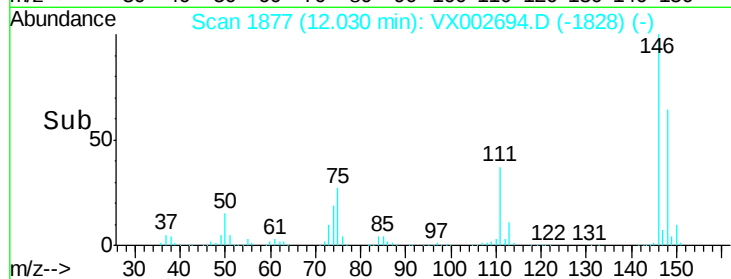
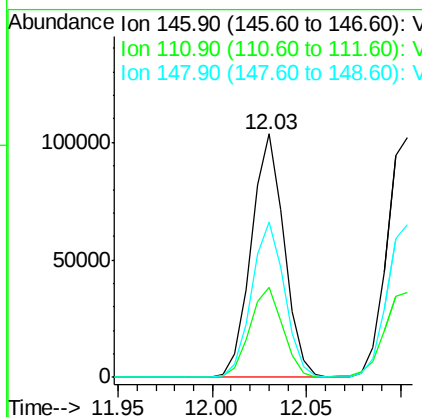
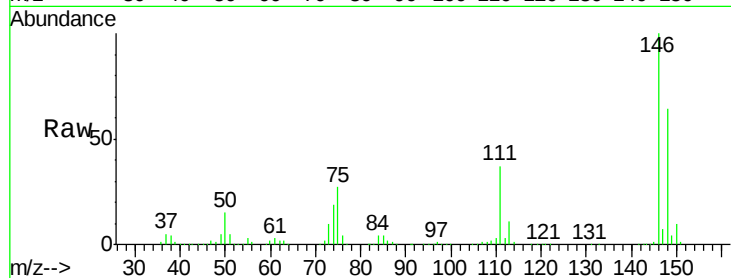




#87
 1,3-Dichlorobenzene
 Concen: 20.54 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

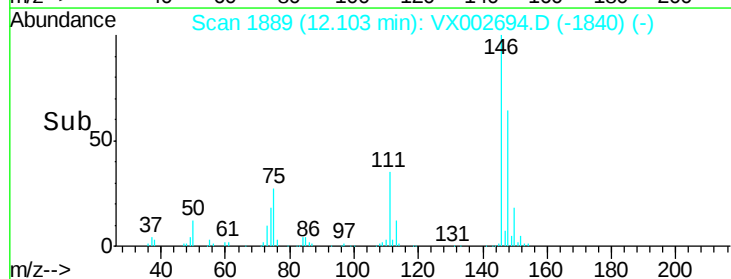
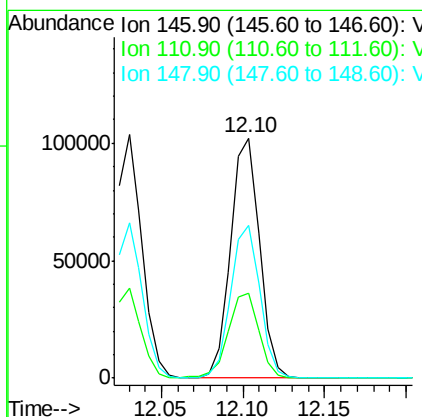
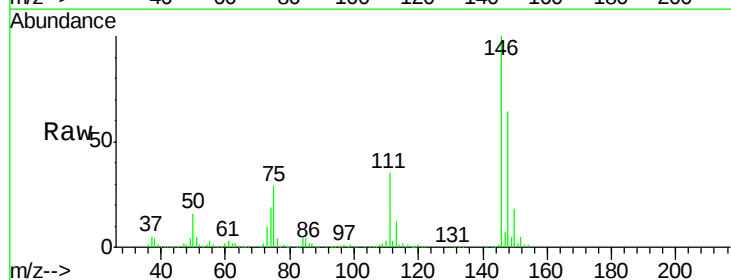
Instrument :
 MSVOA_X
 ClientSampled :

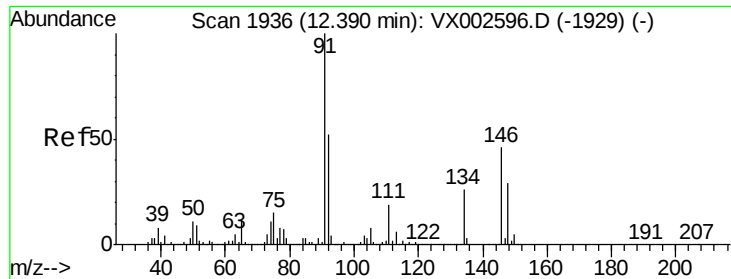
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.2	18.9	56.7
148	63.8	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.32 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.5	18.7	56.1
148	64.4	32.4	97.0

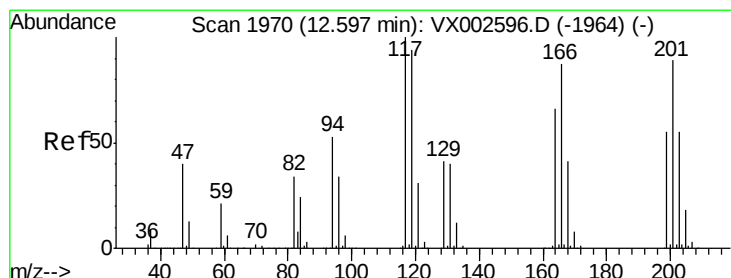
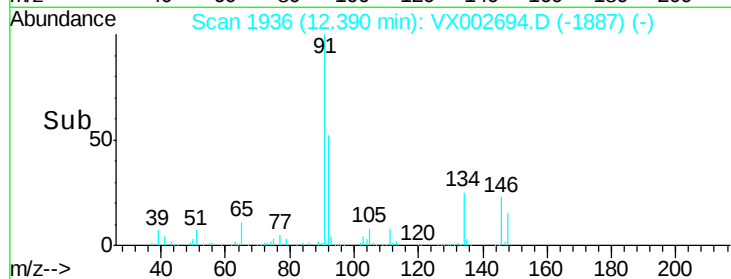
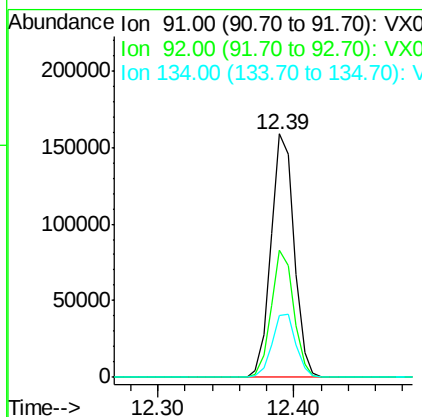
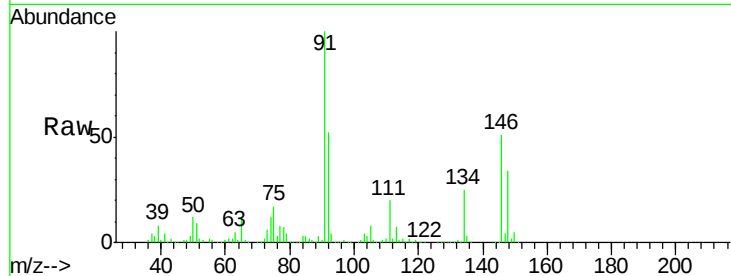




#89
n-Butylbenzene
Concen: 19.60 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

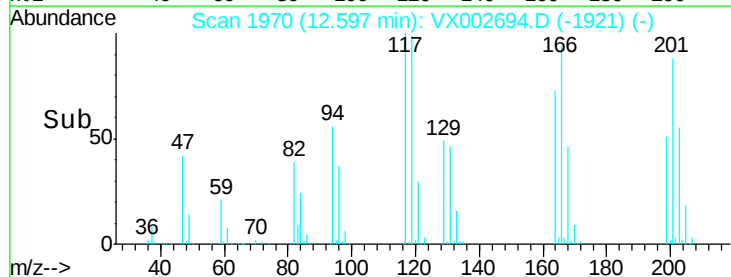
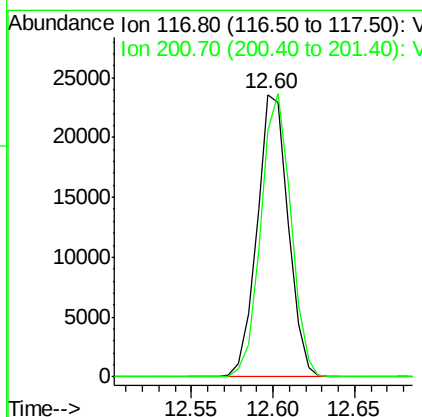
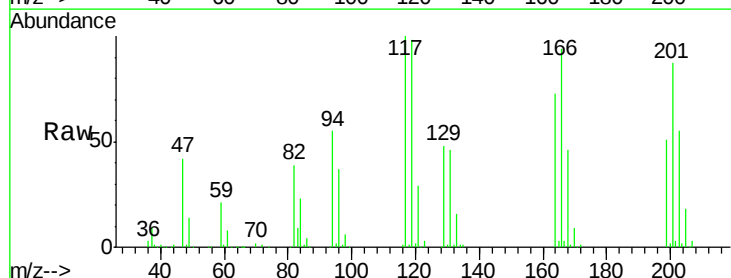
Instrument :
MSVOA_X
ClientSampled :

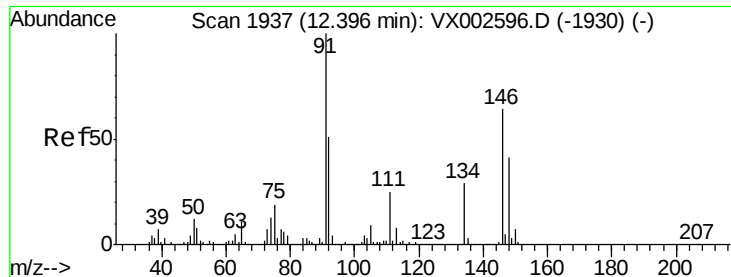
Tot Ion: 91 Resp: 189516
Ion Ratio Lower Upper
91 100
92 50.8 26.0 78.0
134 26.8 13.5 40.5



#90
Hexachloroethane
Concen: 19.94 ug/l
RT: 12.60 min Scan# 1970
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion: 117 Resp: 31210
Ion Ratio Lower Upper
117 100
201 96.3 49.0 147.0

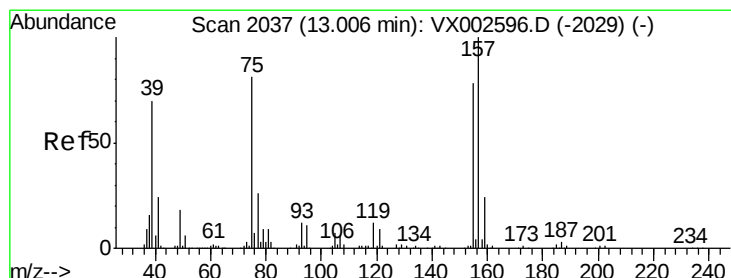
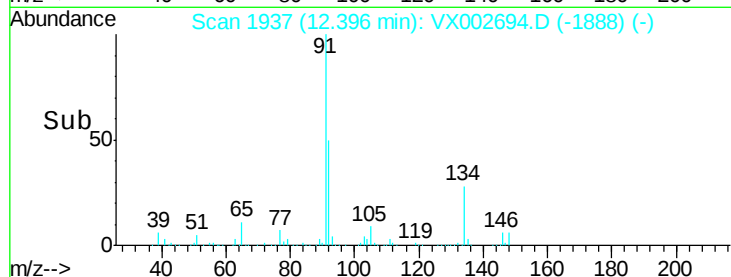
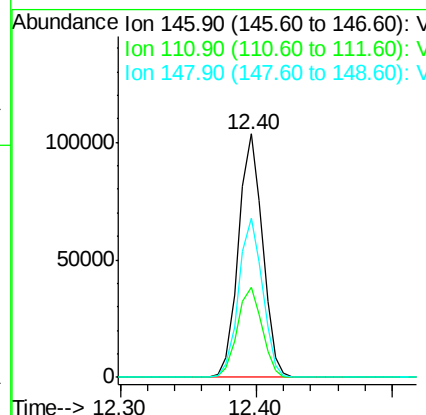
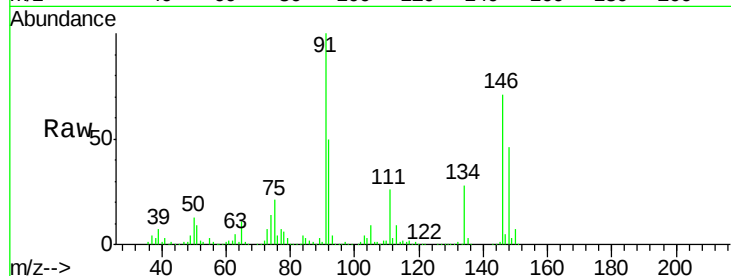




#91
 1,2-Dichlorobenzene
 Concen: 20.67 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

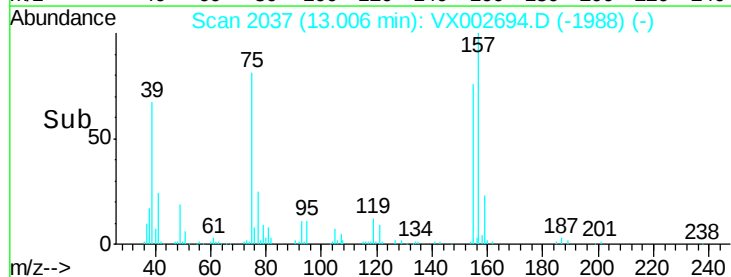
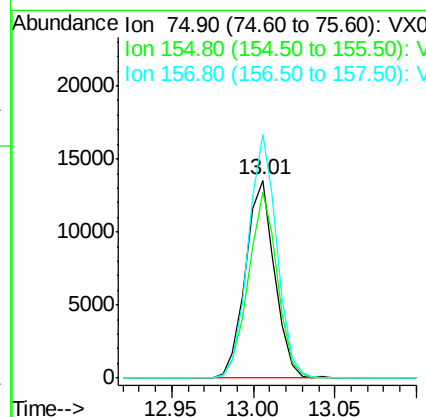
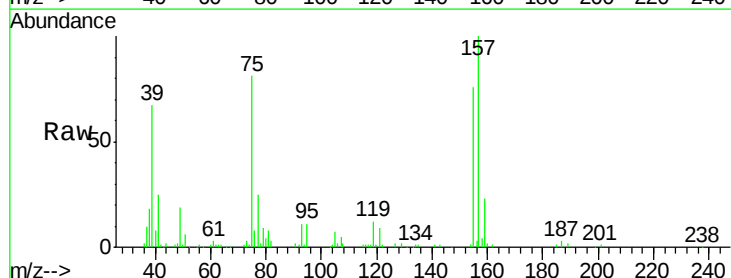
Instrument :
 MSVOA_X
 ClientSampled :

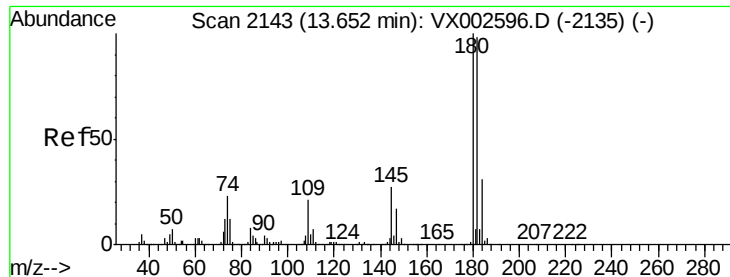
Tot Ion	Ratio	Lower	Upper
146	100		
111	38.0	19.4	58.1
148	64.9	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.79 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.9	45.8	137.4
157	120.2	60.1	180.3

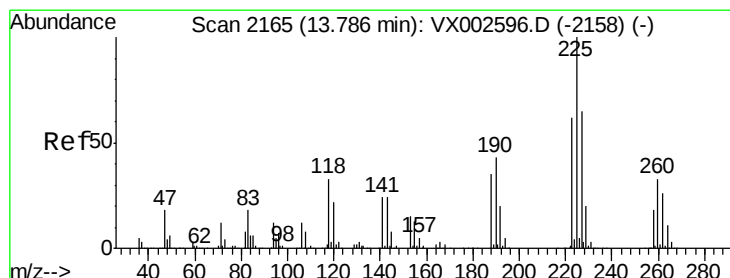
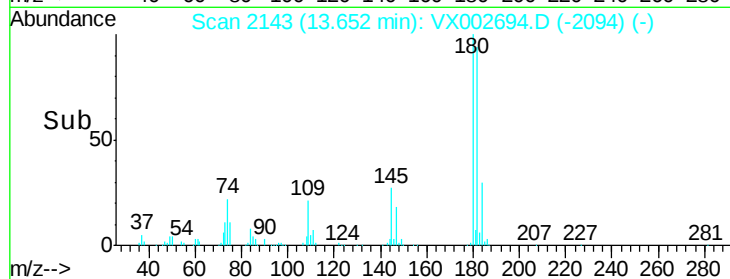
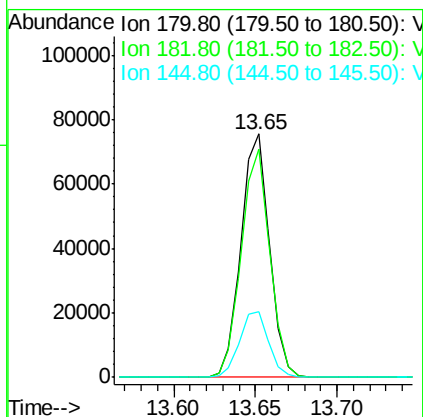
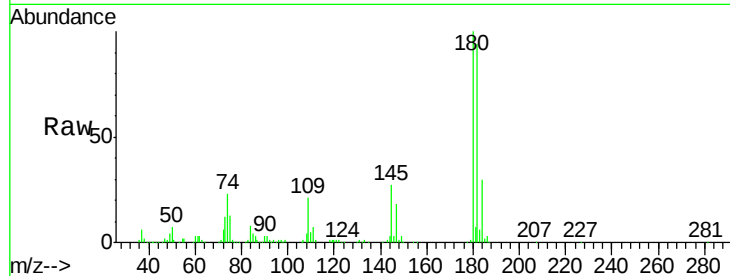




#93
 1,2,4-Trichlorobenzene
 Concen: 20.66 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

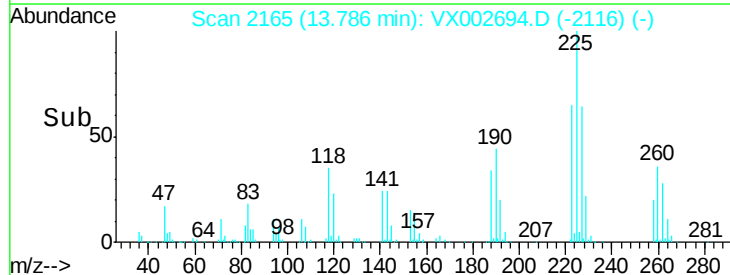
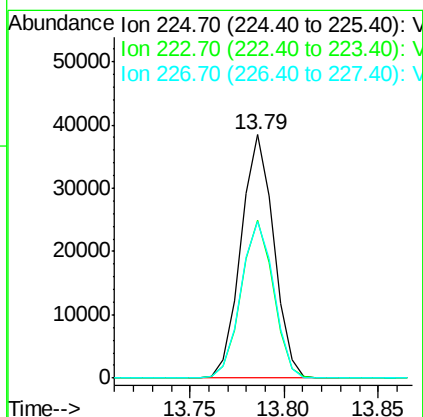
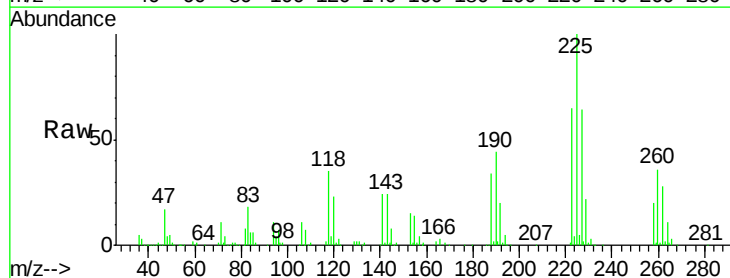
Instrument :
 MSVOA_X
 ClientSampleId :

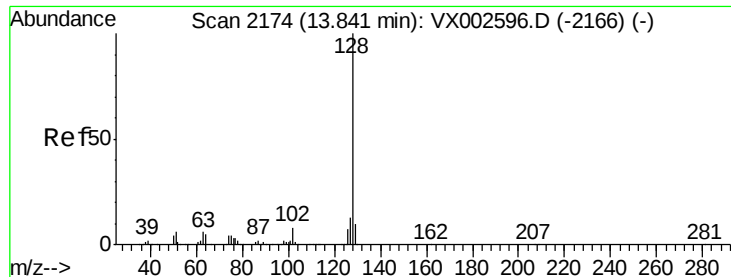
Tot Ion:180 Resp: 92261
 Ion Ratio Lower Upper
 180 100
 182 94.0 47.7 143.1
 145 27.7 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 19.71 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002694.D
 Acq: 18 Jun 2018 22:47

Tgt Ion:225 Resp: 46359
 Ion Ratio Lower Upper
 225 100
 223 63.7 31.6 95.0
 227 65.0 32.4 97.2

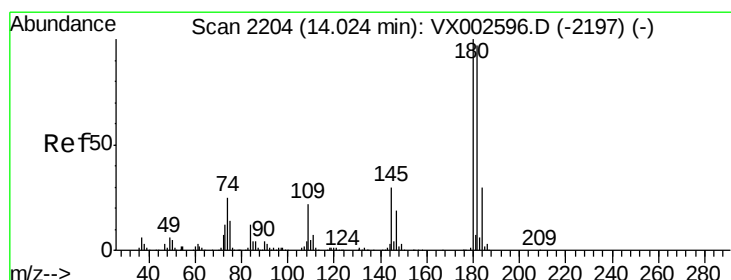
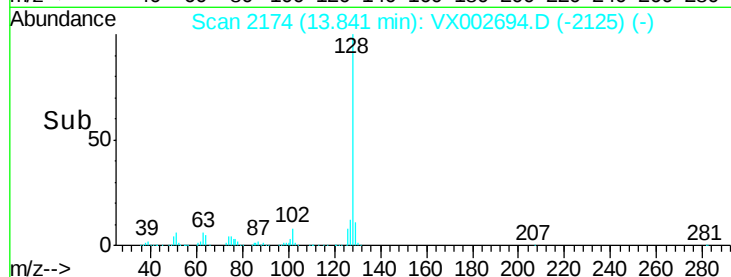
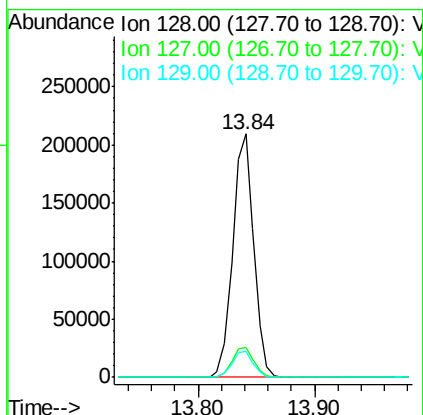
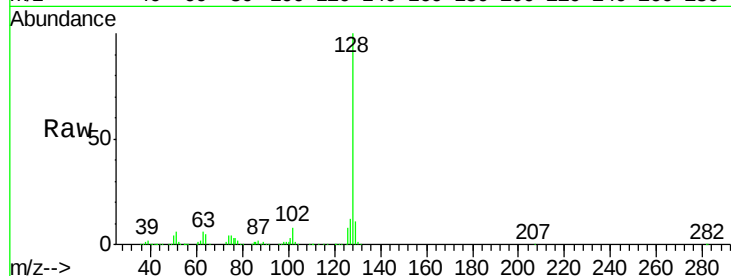




#95
Naphthalene
Concen: 21.77 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:128 Resp: 261604
Ion Ratio Lower Upper
128 100
127 13.0 10.4 15.6
129 10.9 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 21.31 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002694.D
Acq: 18 Jun 2018 22:47

Tgt Ion:180 Resp: 95584
Ion Ratio Lower Upper
180 100
182 96.0 48.0 144.0
145 29.6 14.8 44.3

