

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002693.D
 Acq On : 18 Jun 2018 22:21
 Operator : JC/MD
 Sample : VX0618WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 19 05:09:29 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	211128	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	298965	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	284506	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	178486	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	153339	47.79	ug/l	0.00
Spiked Amount			Recovery	=	95.58%	
35) Dibromofluoromethane	5.51	113	121109	50.76	ug/l	0.00
Spiked Amount			Recovery	=	101.52%	
50) Toluene-d8	8.72	98	446674	49.30	ug/l	0.00
Spiked Amount			Recovery	=	98.60%	
62) 4-Bromofluorobenzene	11.14	95	164736	47.99	ug/l	0.00
Spiked Amount			Recovery	=	95.98%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	38685	17.26	ug/l	98
3) Chloromethane	1.32	50	41637	15.62	ug/l	98
4) Vinyl Chloride	1.40	62	47859	17.30	ug/l	95
5) Bromomethane	1.64	94	29003	17.37	ug/l	98
6) Chloroethane	1.72	64	33371	18.30	ug/l	99
7) Trichlorofluoromethane	1.93	101	87373	19.44	ug/l	98
8) Diethyl Ether	2.19	74	32201	18.83	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.39	101	49459	19.68	ug/l	98
10) Methyl Iodide	2.51	142	38276	15.30	ug/l	98
11) Tert butyl alcohol	3.08	59	68826	103.77	ug/l	97
12) 1,1-Dichloroethene	2.37	96	44017	18.66	ug/l	99
13) Acrolein	2.30	56	20033	69.52	ug/l	100
14) Allyl chloride	2.73	41	85689	18.29	ug/l	99
15) Acrylonitrile	3.15	53	143718	99.30	ug/l	99
16) Acetone	2.45	43	136667	96.55	ug/l	99
17) Carbon Disulfide	2.57	76	103021	18.41	ug/l	99
18) Methyl Acetate	2.78	43	80166	21.26	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	167390	18.91	ug/l	98
20) Methylene Chloride	2.86	84	49845	17.17	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	46636	18.22	ug/l	97
22) Diisopropyl ether	3.88	45	161940	19.11	ug/l	99
23) Vinyl Acetate	3.83	43	735705	103.73	ug/l	100
24) 1,1-Dichloroethane	3.70	63	94528	20.55	ug/l	99
25) 2-Butanone	4.71	43	193211	103.94	ug/l	97
26) 2,2-Dichloropropane	4.59	77	51151	15.48	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	49889	19.16	ug/l	98
28) Bromochloromethane	5.03	49	44036	20.44	ug/l	96
29) Tetrahydrofuran	5.17	42	125100	102.68	ug/l	97
30) Chloroform	5.22	83	88465	19.95	ug/l	99
31) Cyclohexane	5.58	56	71533	18.89	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	74735	20.15	ug/l	99
36) 1,1-Dichloropropene	5.80	75	61855	19.48	ug/l	98
37) Ethyl Acetate	4.87	43	73910	20.57	ug/l	100
38) Carbon Tetrachloride	5.79	117	66218	20.94	ug/l	97

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Quant Time: Jun 19 05:09:29 2018
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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)
39) Methylcyclohexane	7.46	83	71495	19.26	ug/l	97
40) Benzene	6.15	78	187181	19.66	ug/l	97
41) Methacrylonitrile	5.07	41	42068	20.73	ug/l	97
42) 1,2-Dichloroethane	6.20	62	74512	20.21	ug/l	100
43) Isopropyl Acetate	6.48	43	119324	20.04	ug/l	99
44) Trichloroethene	7.22	130	53838	19.59	ug/l	96
45) 1,2-Dichloropropane	7.53	63	49045	19.57	ug/l	99
46) Dibromomethane	7.67	93	34828	20.78	ug/l	100
47) Bromodichloromethane	7.90	83	61897	20.94	ug/l	99
48) Methyl methacrylate	7.78	41	61564	20.23	ug/l	97
49) 1,4-Dioxane	7.76	88	24883	431.82	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	400065	104.64	ug/l	99
52) Toluene	8.79	92	119254	19.64	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	67849	18.90	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	61287	18.57	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	51553	21.01	ug/l	98
56) Ethyl methacrylate	9.18	69	74885	19.83	ug/l	98
57) 1,3-Dichloropropane	9.38	76	82665	19.92	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	180917	99.05	ug/l	98
59) 2-Hexanone	9.50	43	305034	105.88	ug/l	99
60) Dibromochloromethane	9.59	129	49309	20.28	ug/l	98
61) 1,2-Dibromoethane	9.68	107	51955	20.44	ug/l	99
64) Tetrachloroethene	9.34	164	59988	18.99	ug/l	97
65) Chlorobenzene	10.14	112	139407	19.95	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	51106	21.45	ug/l	99
67) Ethyl Benzene	10.26	91	234196	19.87	ug/l	99
68) m/p-Xylenes	10.37	106	181172	39.85	ug/l	99
69) o-Xylene	10.70	106	87734	19.64	ug/l	100
70) Styrene	10.71	104	145912	19.86	ug/l	99
71) Bromoform	10.86	173	36413	20.01	ug/l #	99
73) Isopropylbenzene	11.02	105	241634	20.24	ug/l	99
74) N-amyl acetate	6.48	43	119324	20.12	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	77751	22.06	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	82788	24.58	ug/l	80
77) Bromobenzene	11.26	156	66814	20.09	ug/l	97
78) n-propylbenzene	11.37	91	272701	19.92	ug/l	100
79) 2-Chlorotoluene	11.43	91	162653	19.90	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	203311	20.15	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	15728	17.88	ug/l	90
82) 4-Chlorotoluene	11.51	91	191495	19.85	ug/l	100
83) tert-Butylbenzene	11.77	119	199780	20.56	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	209322	20.33	ug/l	99
85) sec-Butylbenzene	11.95	105	244894	20.27	ug/l	100
86) p-Isopropyltoluene	12.07	119	219729	20.10	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	121315	19.89	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	121842	19.63	ug/l	99
89) n-Butylbenzene	12.39	91	181484	18.82	ug/l	100
90) Hexachloroethane	12.60	117	29346	18.94	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	125664	20.47	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15821	21.43	ug/l	95

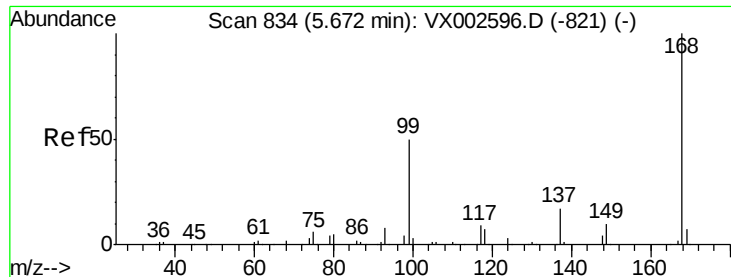
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	88527	19.87	ug/l	99
94) Hexachlorobutadiene	13.79	225	44914	19.14	ug/l	99
95) Naphthalene	13.84	128	254692	21.25	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	92538	20.68	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: VX002693.D

Acq: 18 Jun 2018 22:21

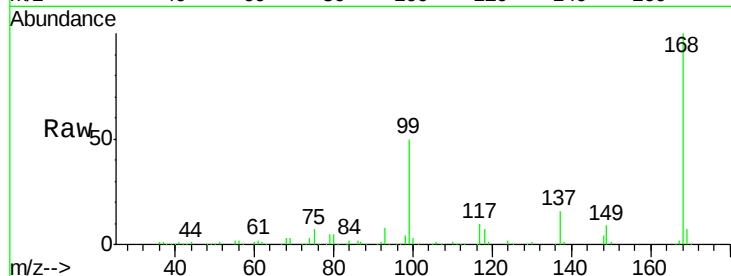
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 211128

Ion Ratio Lower Upper

168 100

99 49.9 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

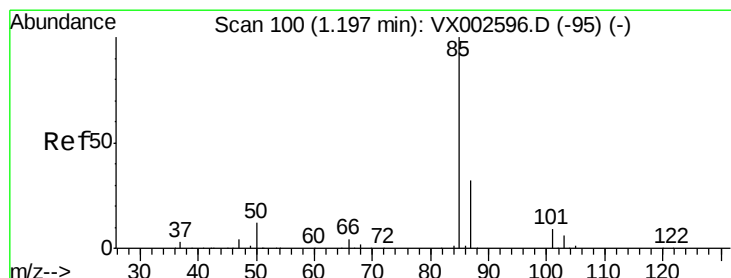
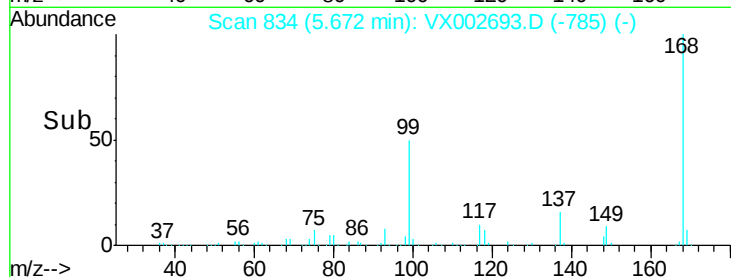
40000

20000

0

5.50 5.60 5.70 5.80 5.90

Time-->



#2

Dichlorodifluoromethane

Concen: 17.26 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002693.D

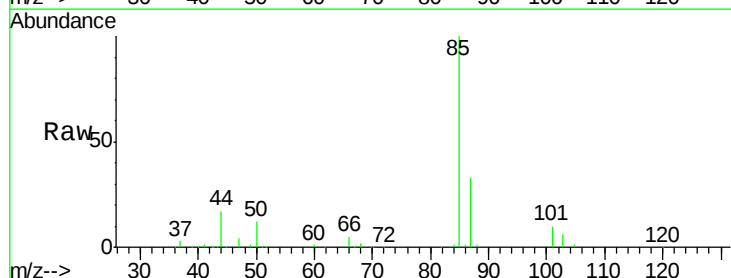
Acq: 18 Jun 2018 22:21

Tgt Ion: 85 Resp: 38685

Ion Ratio Lower Upper

85 100

87 33.3 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

30000

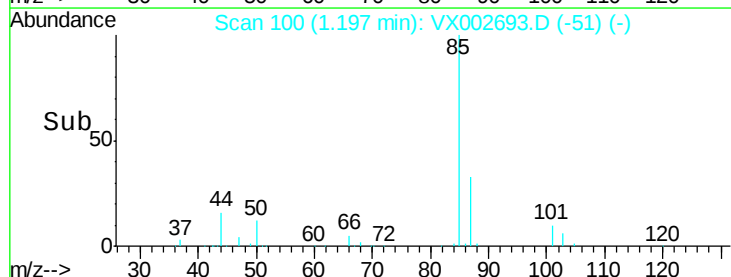
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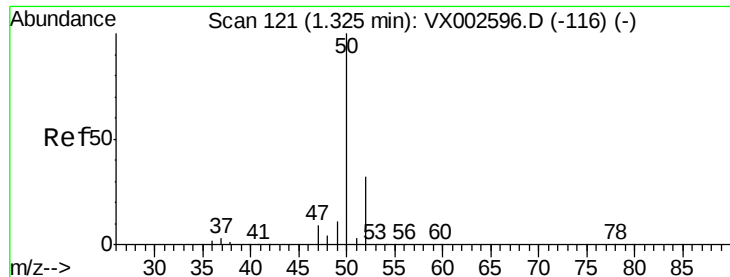
10000

0

1.15 1.20 1.25 1.30

Time-->

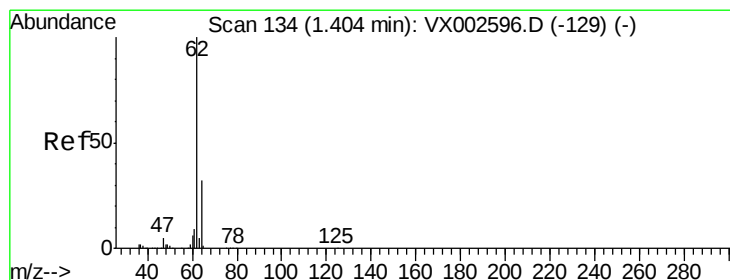
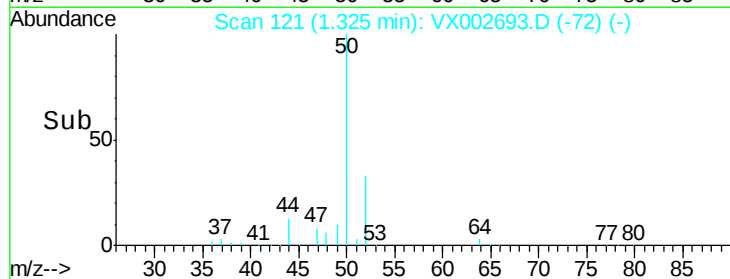
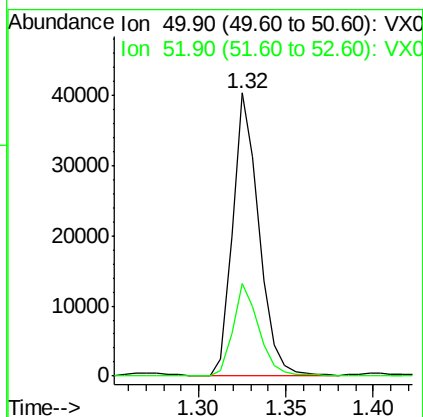
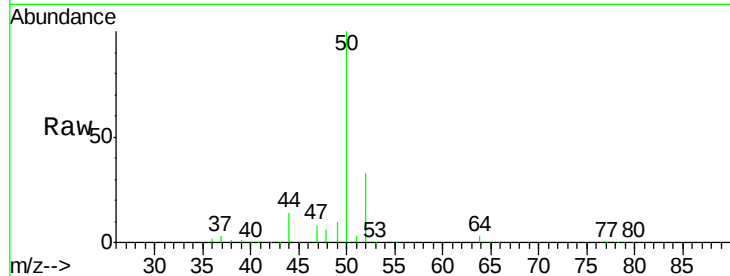




#3
Chloromethane
Concen: 15.62 ug/l
RT: 1.32 min Scan# 121
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

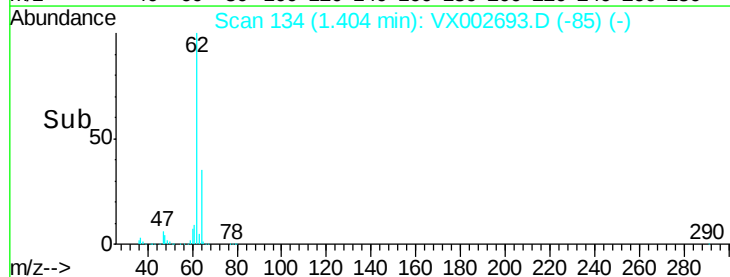
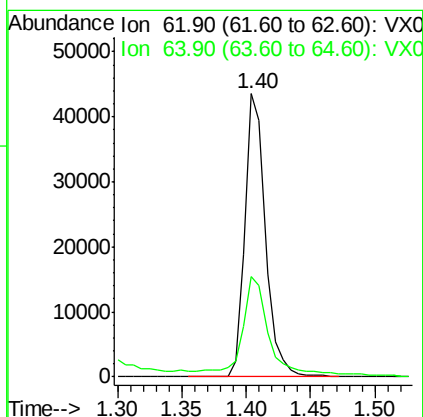
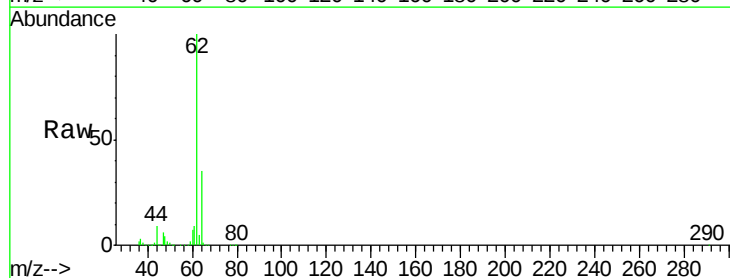
Instrument :
MSVOA_X
ClientSampled :

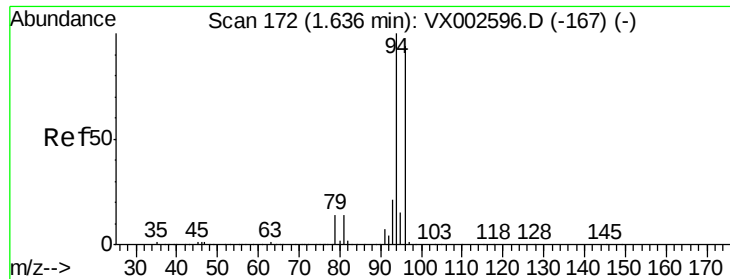
Tot Ion: 50 Resp: 41637
Ion Ratio Lower Upper
50 100
52 33.0 25.7 38.5



#4
Vinyl Chloride
Concen: 17.30 ug/l
RT: 1.40 min Scan# 134
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

Tgt Ion: 62 Resp: 47859
Ion Ratio Lower Upper
62 100
64 34.3 25.4 38.2





#5

Bromomethane

Concen: 17.37 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

Instrument :

MSVOA_X

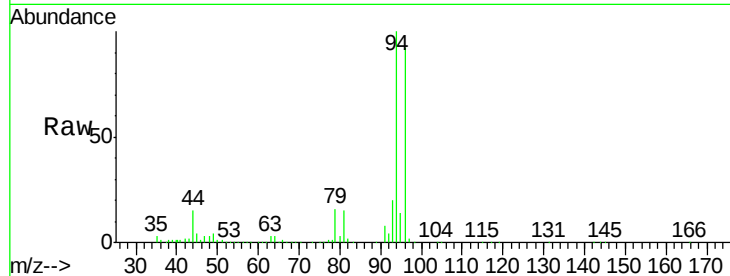
ClientSampleId :

Tot Ion: 94 Resp: 29003

Ion Ratio Lower Upper

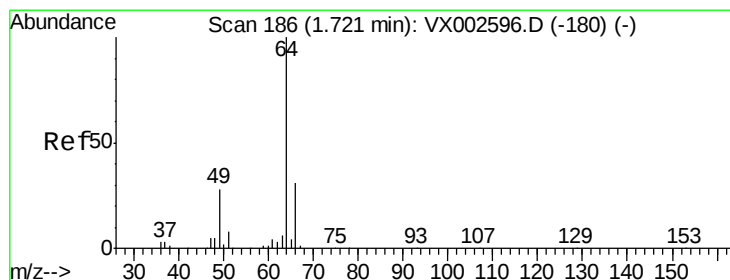
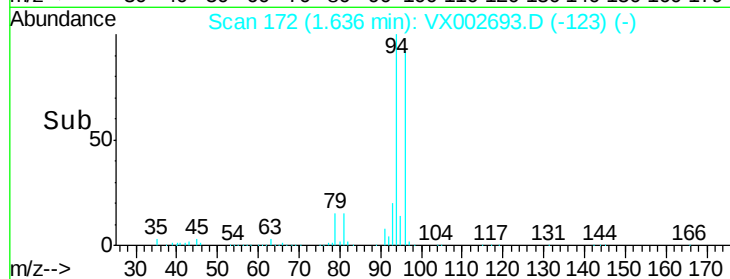
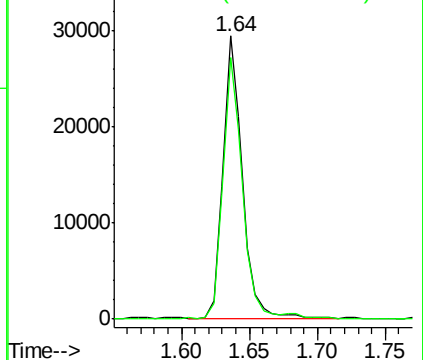
94 100

96 92.1 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.30 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002693.D

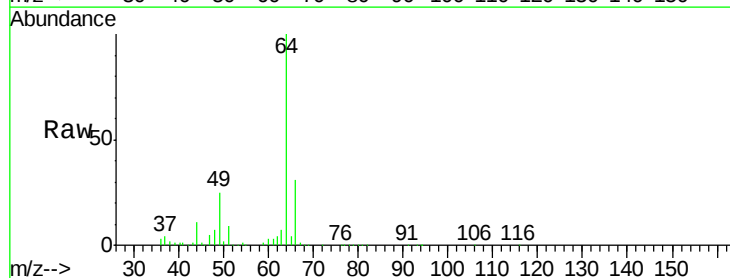
Acq: 18 Jun 2018 22:21

Tgt Ion: 64 Resp: 33371

Ion Ratio Lower Upper

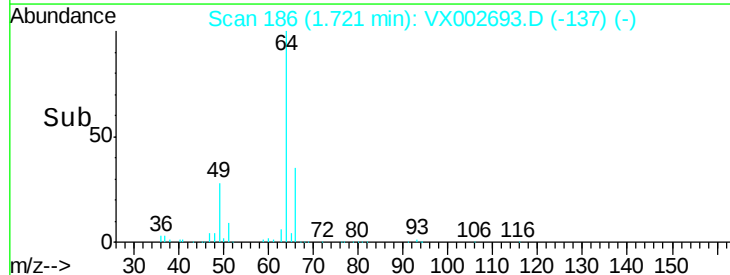
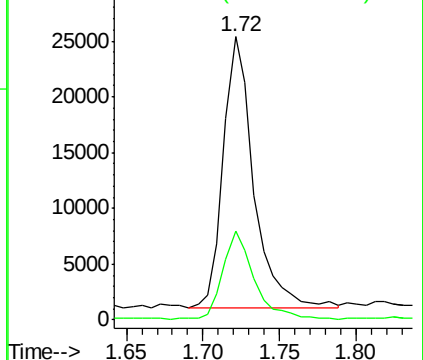
64 100

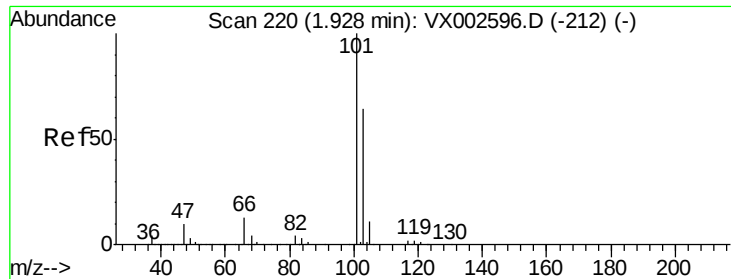
66 32.3 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



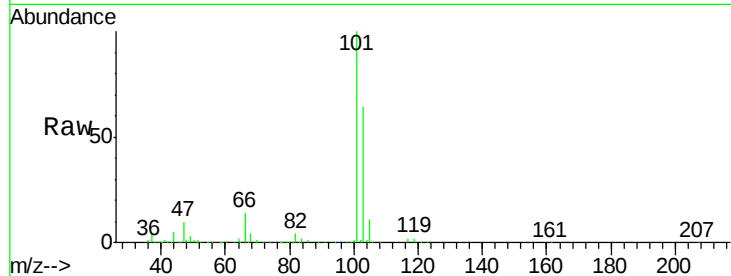


#7

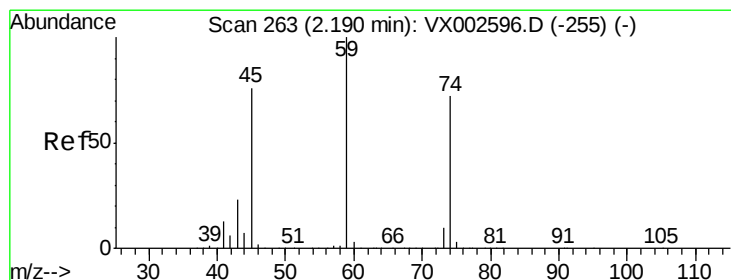
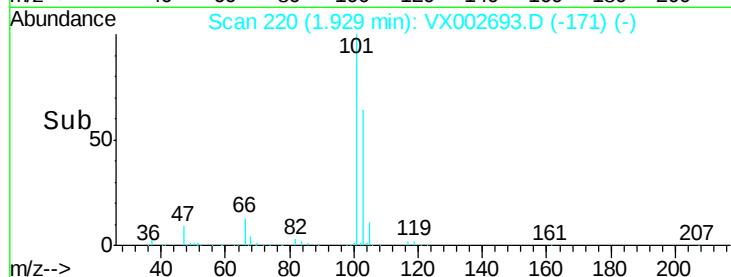
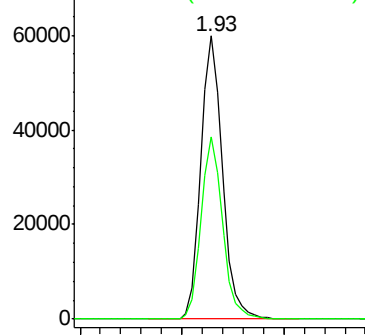
Trichlorofluoromethane
Concen: 19.44 ug/l
RT: 1.93 min Scan# 220
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:101 Resp: 87373
Ion Ratio Lower Upper
101 100
103 64.5 52.8 79.2



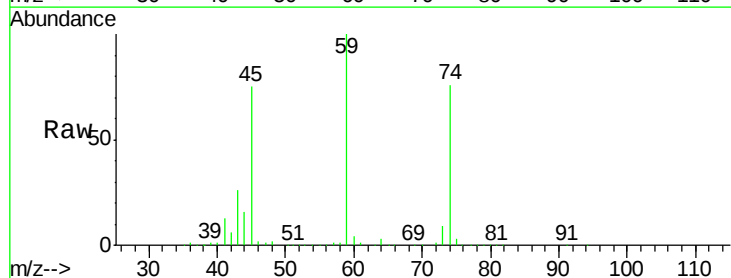
Abundance Ion 100.90 (100.60 to 101.60): V
Ion 102.80 (102.50 to 103.50): V



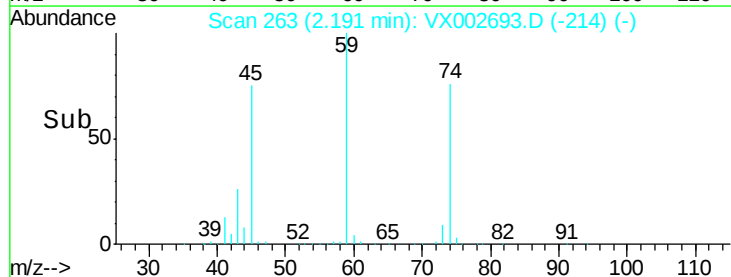
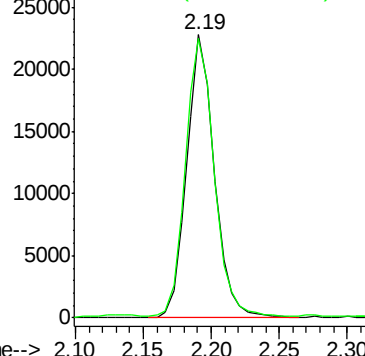
#8

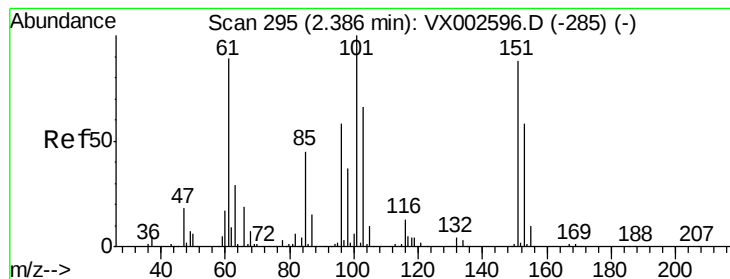
Diethyl Ether
Concen: 18.83 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

Tgt Ion: 74 Resp: 32201
Ion Ratio Lower Upper
74 100
45 101.4 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.68 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

Instrument :

MSVOA_X

ClientSampleId :

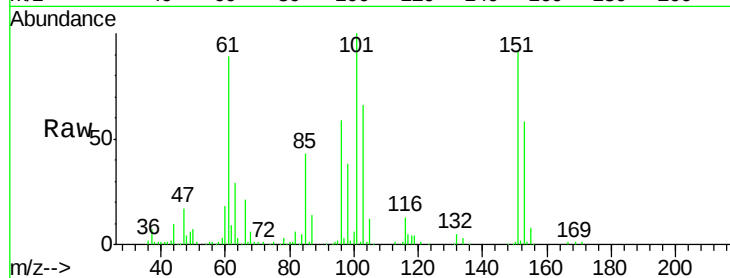
Tot Ion:101 Resp: 49459

Ion Ratio Lower Upper

101 100

85 44.0 36.0 54.0

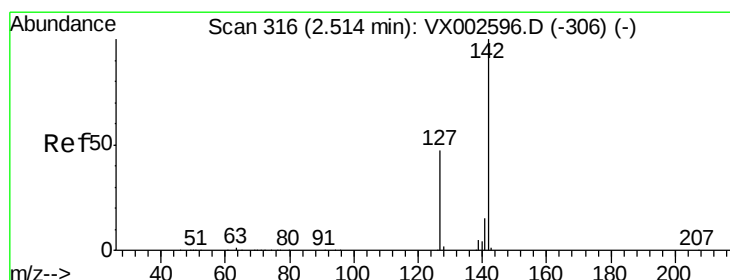
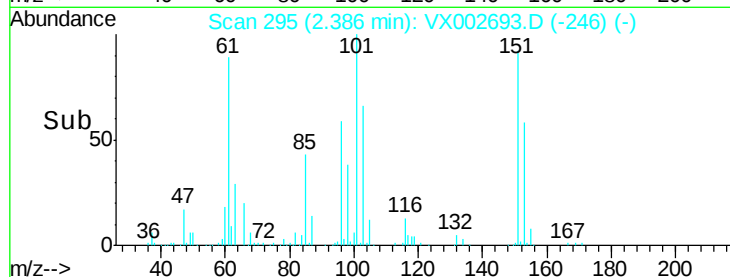
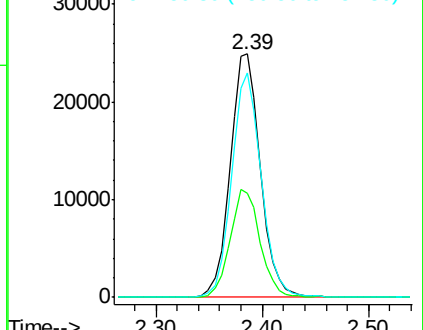
151 90.4 70.9 106.3



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: 15.30 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

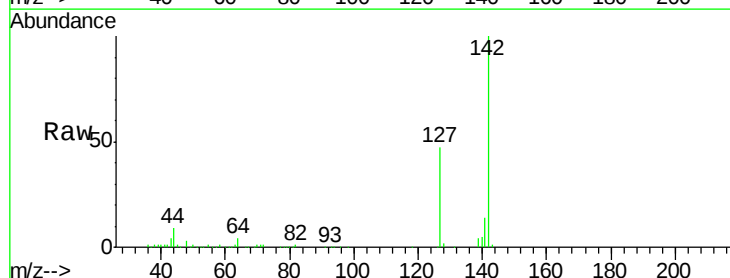
Tgt Ion:142 Resp: 38276

Ion Ratio Lower Upper

142 100

127 47.6 36.6 55.0

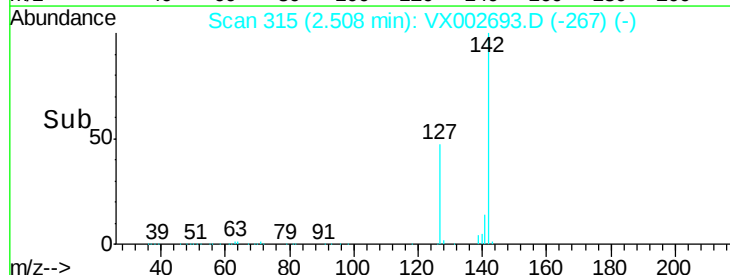
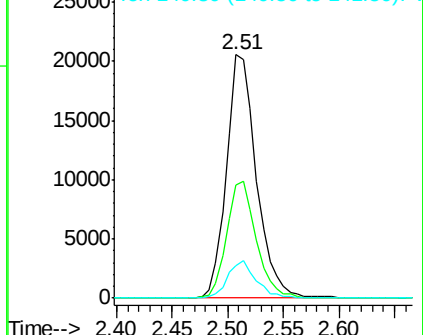
141 14.7 11.3 16.9

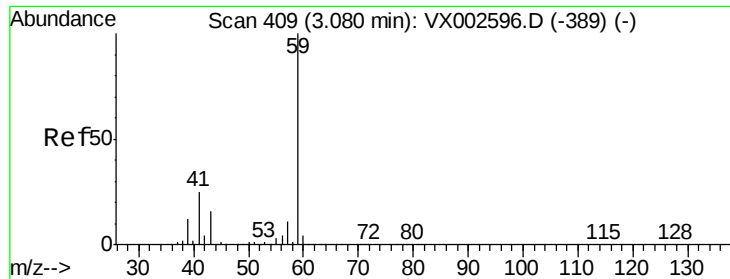


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 103.77 ug/l

RT: 3.08 min Scan# 409

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

Instrument :

MSVOA_X

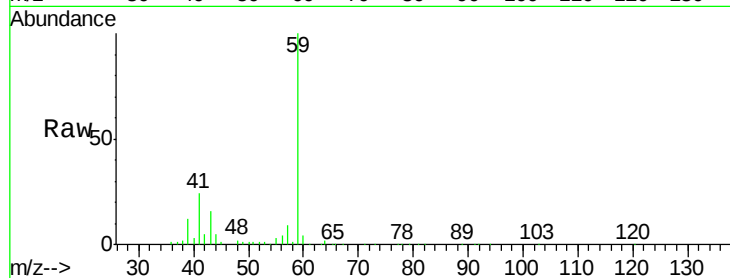
ClientSampleId :

Tot Ion: 59 Resp: 68826

Ion Ratio Lower Upper

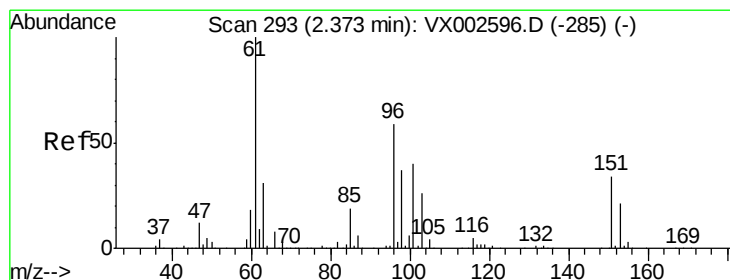
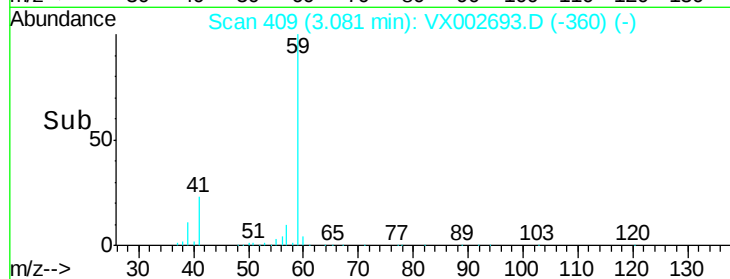
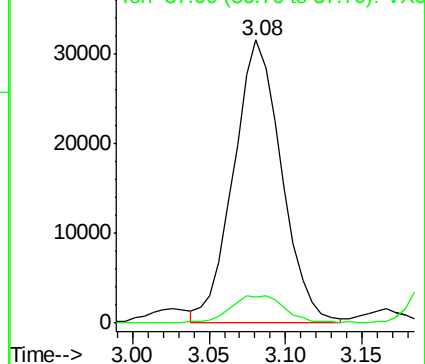
59 100

57 11.2 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 18.66 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

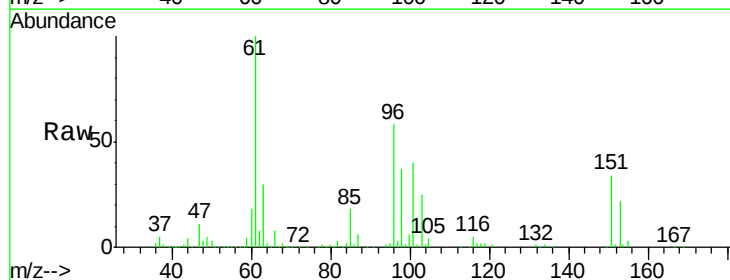
Tgt Ion: 96 Resp: 44017

Ion Ratio Lower Upper

96 100

61 171.4 137.9 206.9

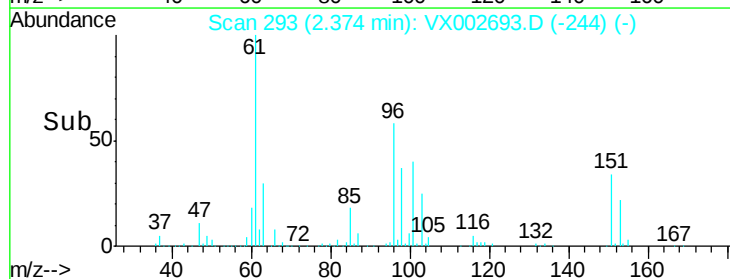
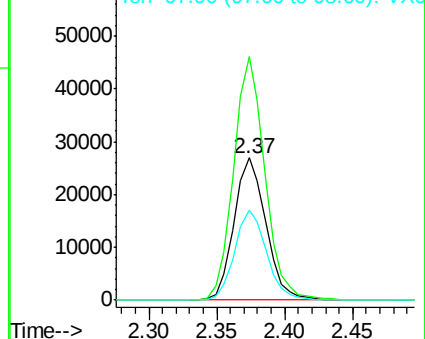
98 63.2 51.6 77.4

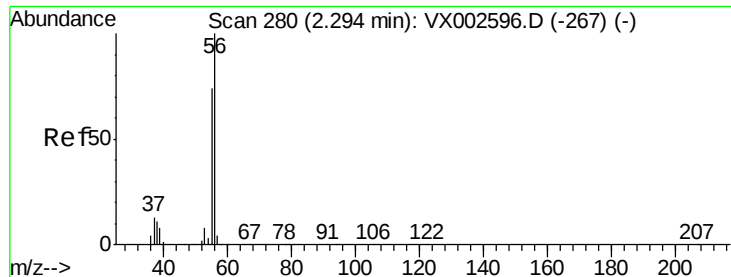


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 69.52 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

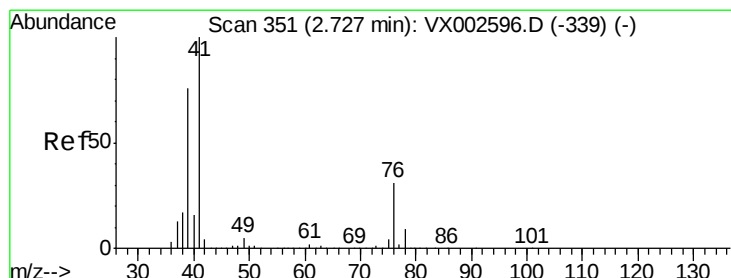
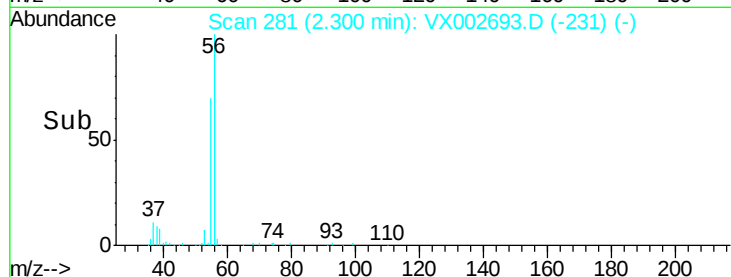
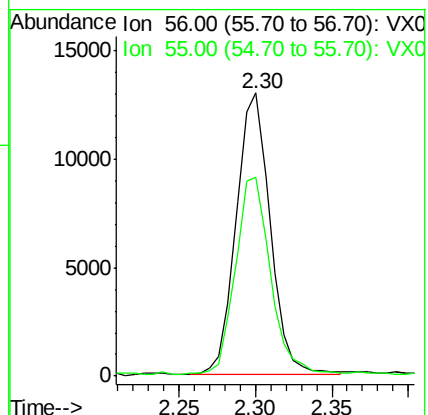
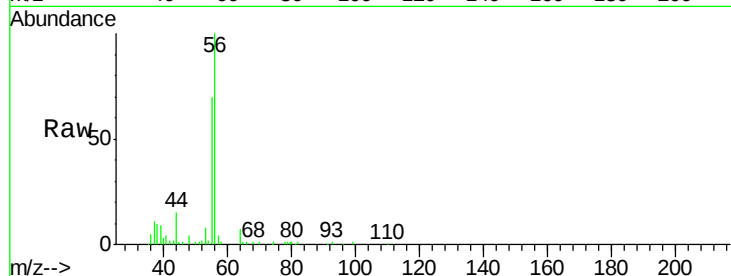
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 20033

Ion Ratio Lower Upper

56 100

55 71.5 57.0 85.4



#14

Allyl chloride

Concen: 18.29 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

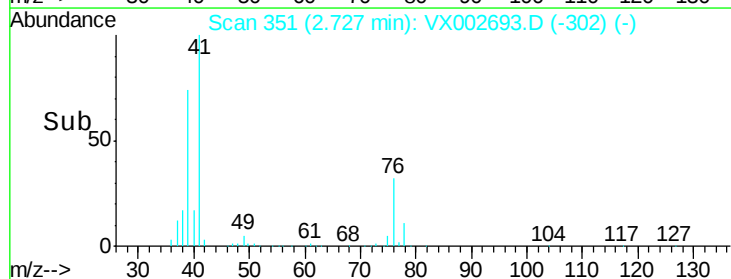
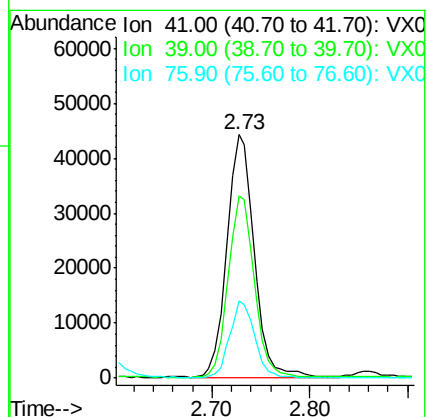
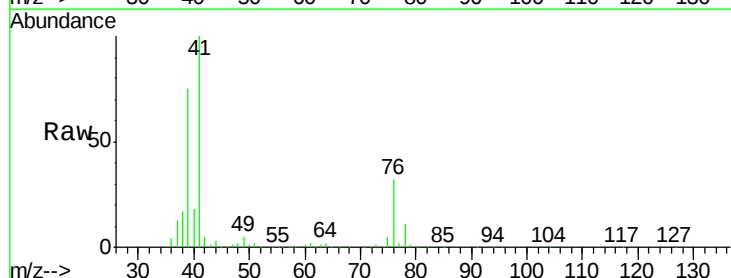
Tgt Ion: 41 Resp: 85689

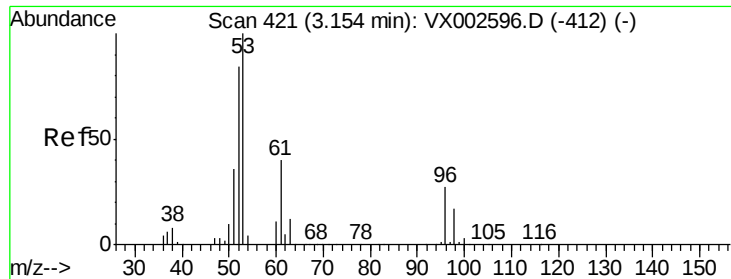
Ion Ratio Lower Upper

41 100

39 71.5 56.8 85.2

76 29.5 23.8 35.8





#15

Acrylonitrile

Concen: 99.30 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

Instrument :
MSVOA_X
ClientSampleId :

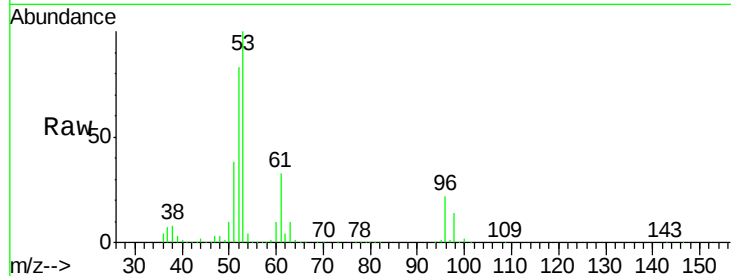
Tot Ion: 53 Resp: 143718

Ion Ratio Lower Upper

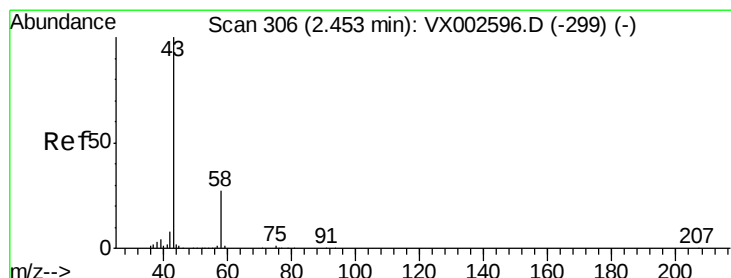
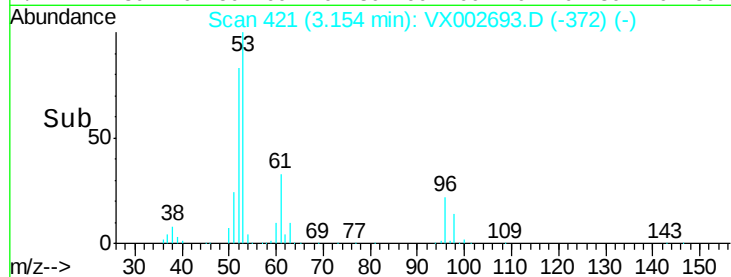
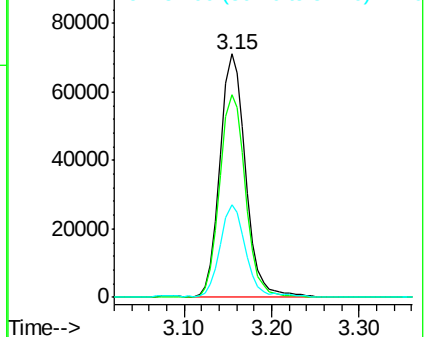
53 100

52 83.8 66.7 100.1

51 38.1 29.9 44.9



Abundance Ion 53.00 (52.70 to 53.70): VX0
Ion 52.00 (51.70 to 52.70): VX0
Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 96.55 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002693.D

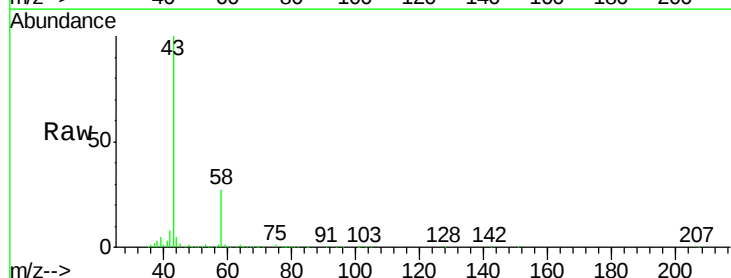
Acq: 18 Jun 2018 22:21

Tgt Ion: 43 Resp: 136667

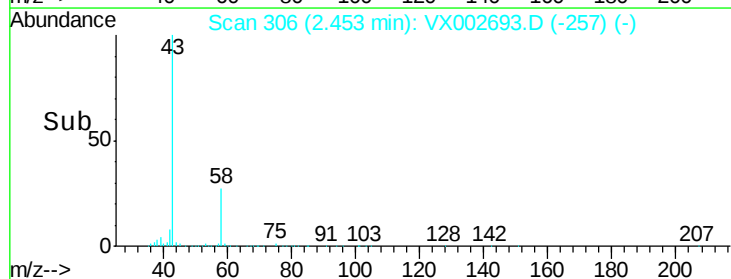
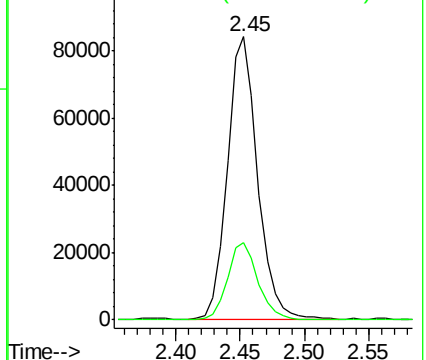
Ion Ratio Lower Upper

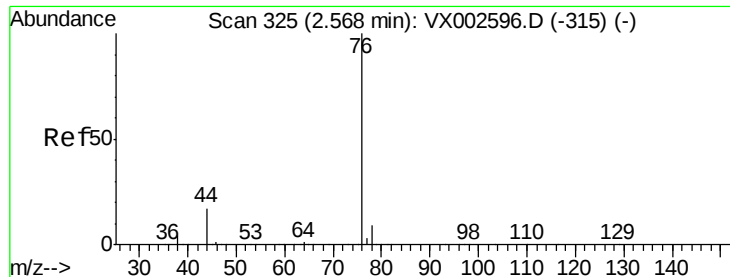
43 100

58 27.3 22.1 33.1



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

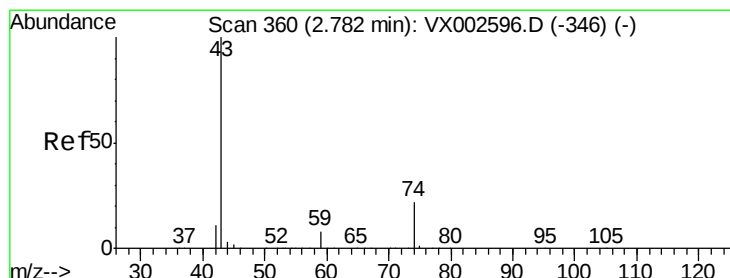
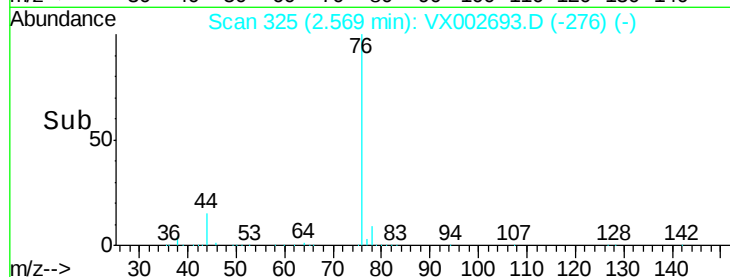
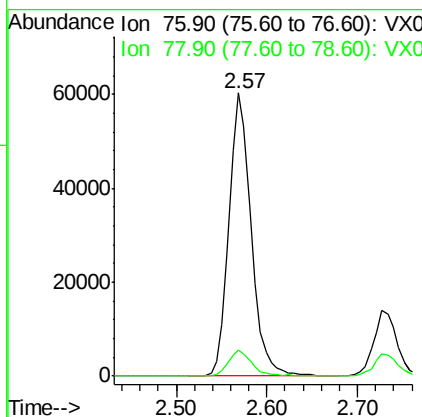
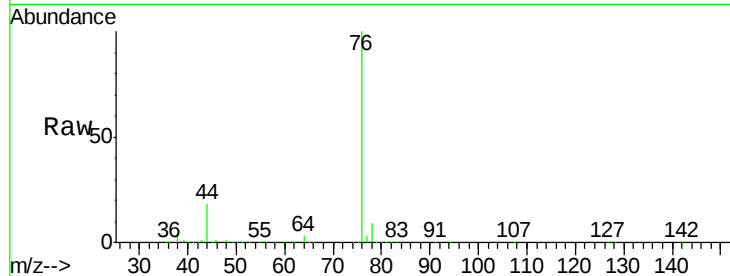




#17
Carbon Disulfide
Concen: 18.41 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

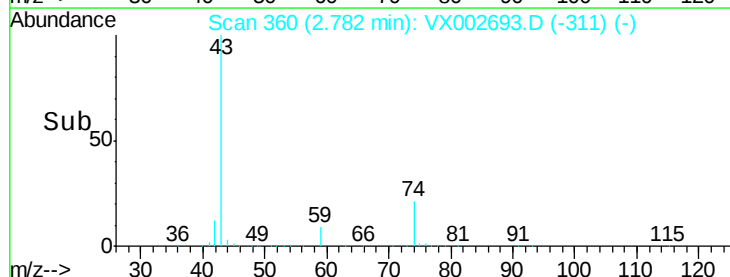
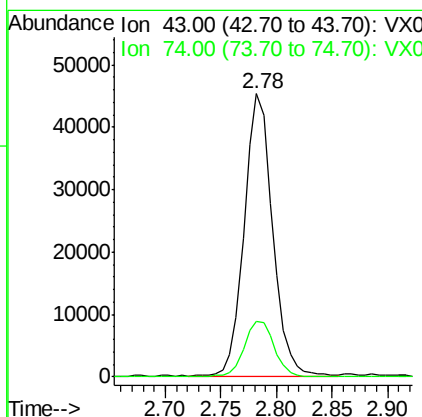
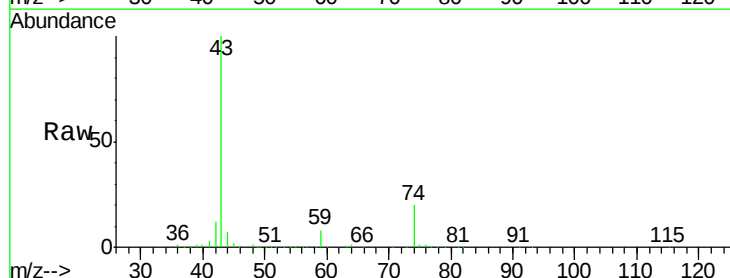
Instrument :
MSVOA_X
ClientSampleId :

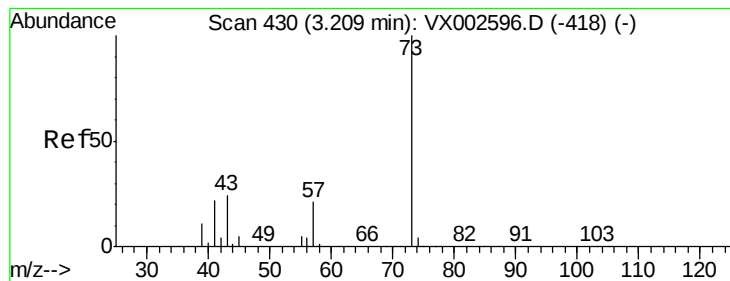
Tot Ion: 76 Resp: 103021
Ion Ratio Lower Upper
76 100
78 9.0 6.9 10.3



#18
Methyl Acetate
Concen: 21.26 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

Tgt Ion: 43 Resp: 80166
Ion Ratio Lower Upper
43 100
74 21.3 16.7 25.1



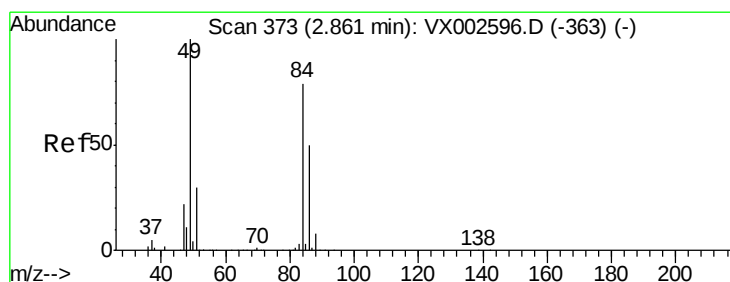
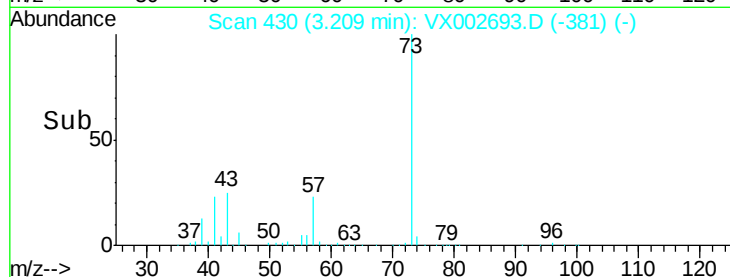
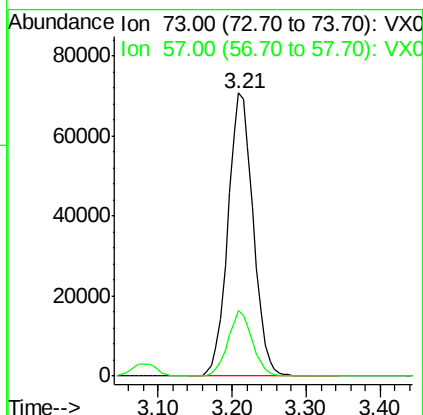
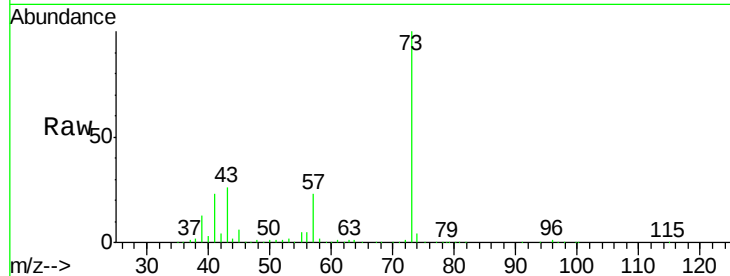


#19

Methyl tert-butyl Ether
 Concen: 18.91 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002693.D
 Acq: 18 Jun 2018 22:21

Instrument :
 MSVOA_X
 ClientSampleId :

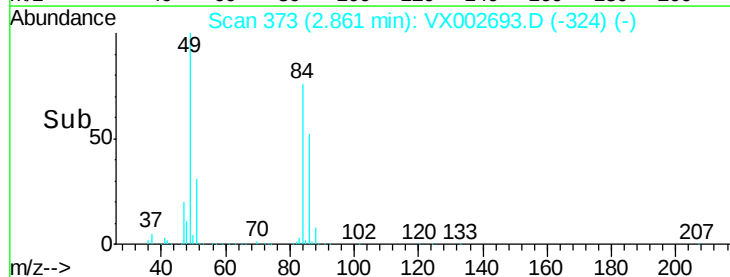
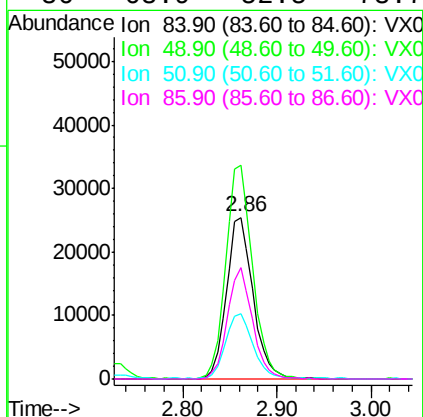
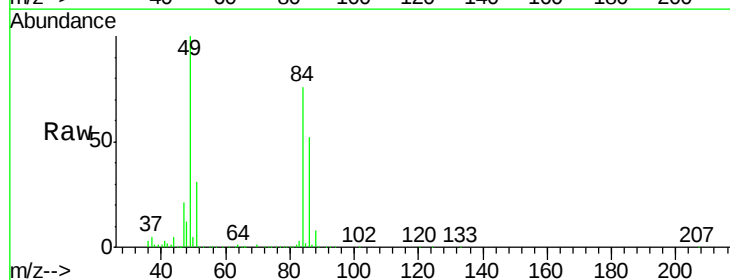
Tot Ion: 73 Resp: 167390
 Ion Ratio Lower Upper
 73 100
 57 23.3 17.7 26.5

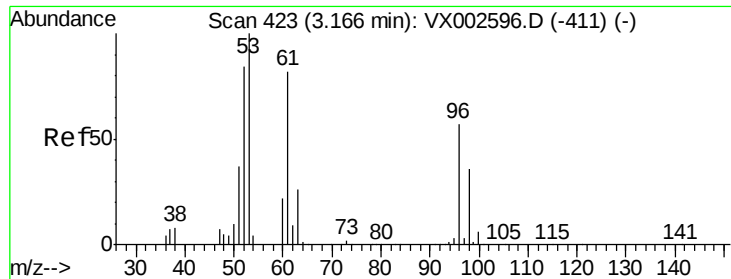


#20

Methylene Chloride
 Concen: 17.17 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002693.D
 Acq: 18 Jun 2018 22:21

Tgt Ion: 84 Resp: 49845
 Ion Ratio Lower Upper
 84 100
 49 131.9 107.8 161.6
 51 40.2 32.8 49.2
 86 68.9 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.22 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

Instrument :

MSVOA_X

ClientSampleId :

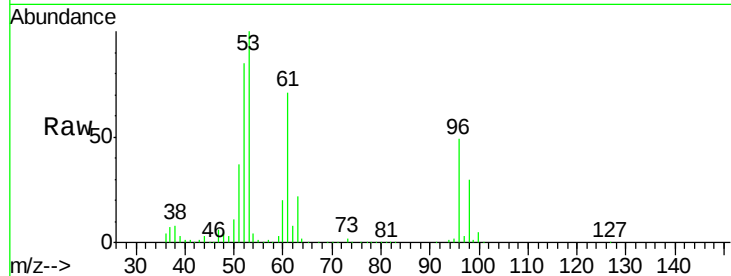
Tot Ion: 96 Resp: 46636

Ion Ratio Lower Upper

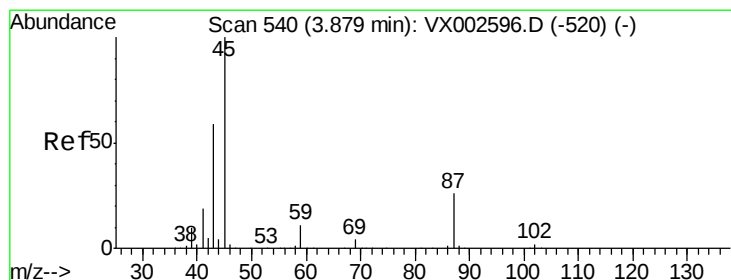
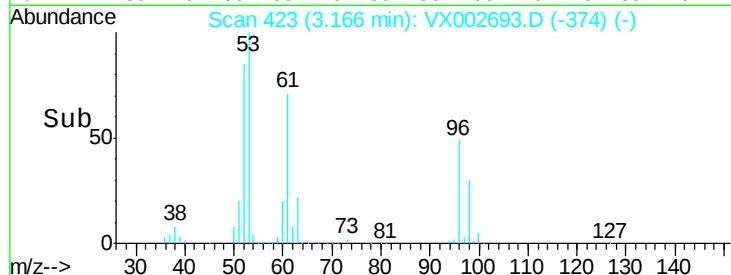
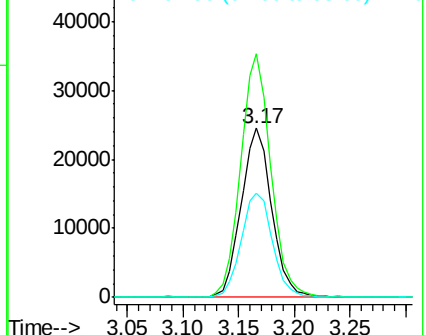
96 100

61 144.2 117.0 175.4

98 61.8 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: 19.11 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

Tgt Ion: 45 Resp: 161940

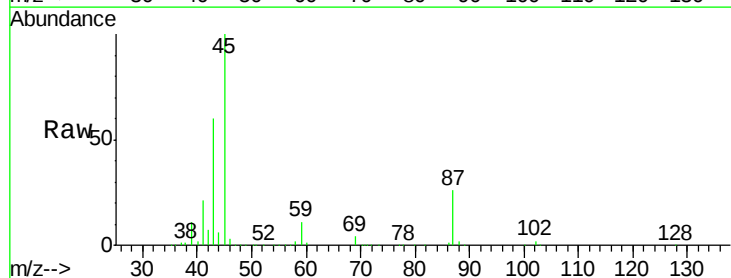
Ion Ratio Lower Upper

45 100

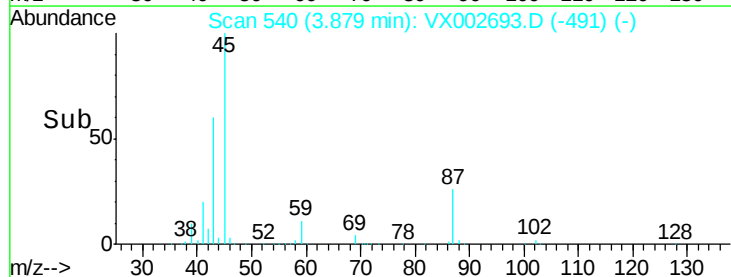
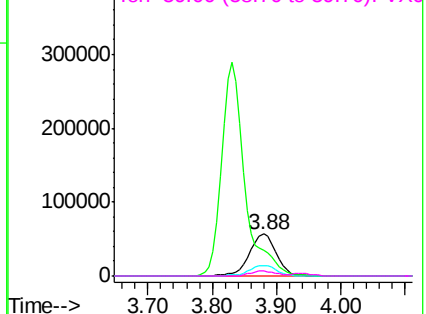
43 59.7 46.8 70.2

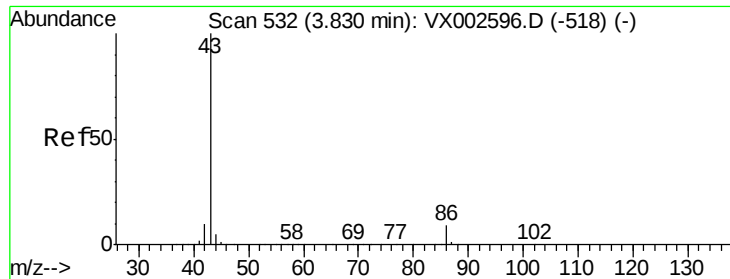
87 25.6 20.2 30.4

59 11.3 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: 103.73 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

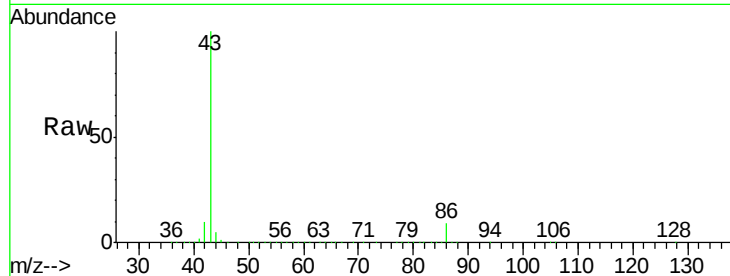
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 735705

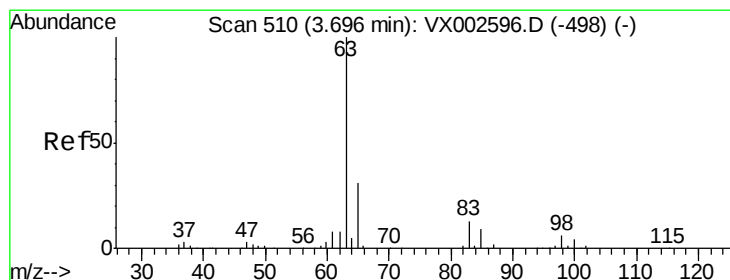
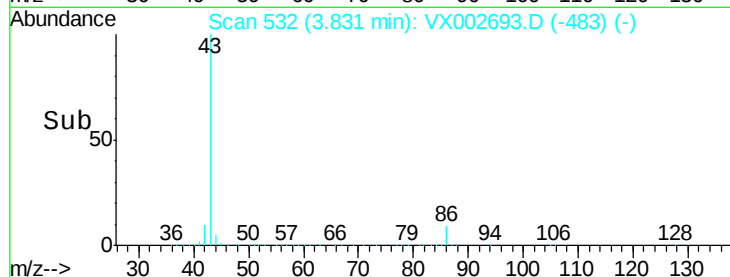
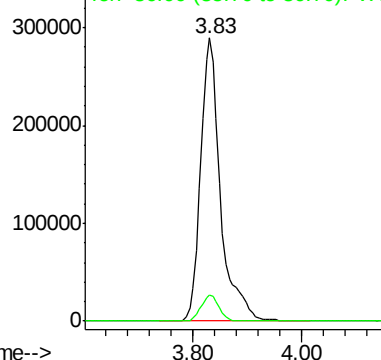
Ion Ratio Lower Upper

43 100

86 9.1 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: 20.55 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

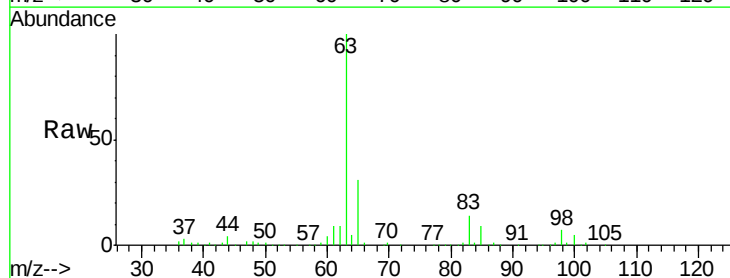
Tgt Ion: 63 Resp: 94528

Ion Ratio Lower Upper

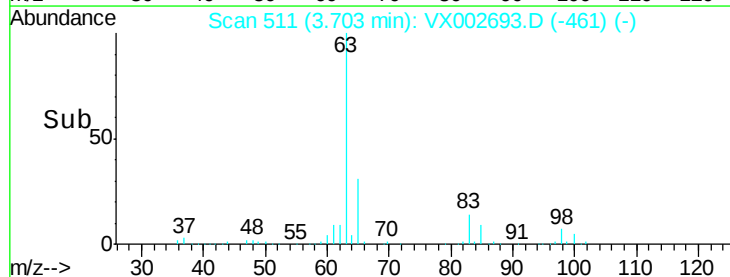
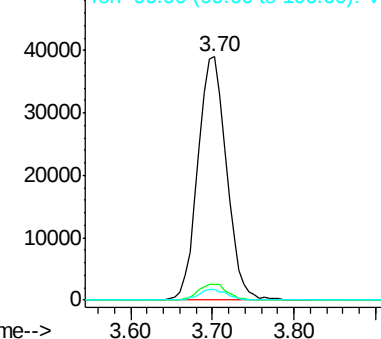
63 100

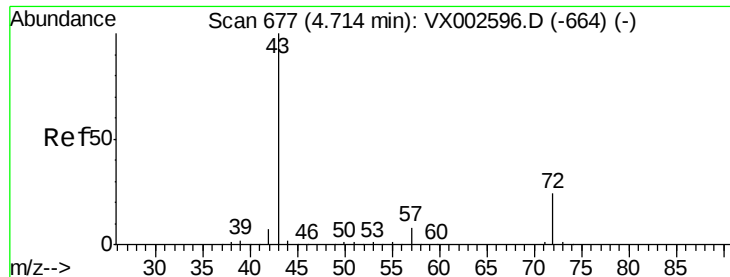
98 6.7 3.4 10.2

100 4.5 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: 103.94 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

Instrument :

MSVOA_X

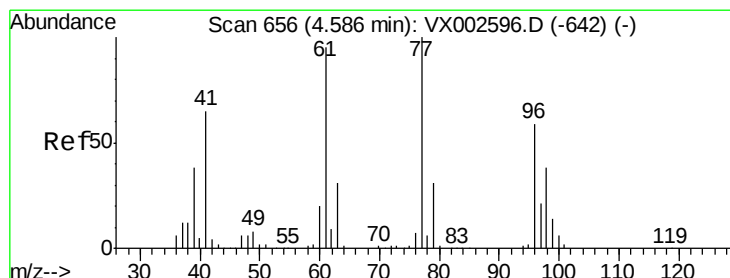
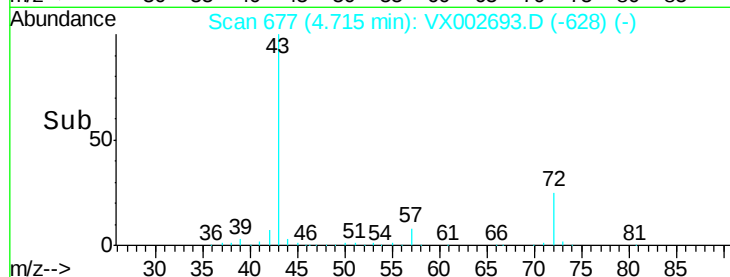
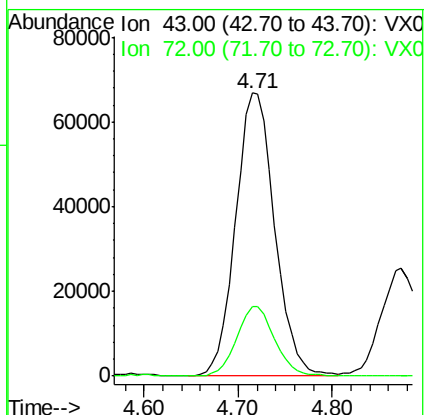
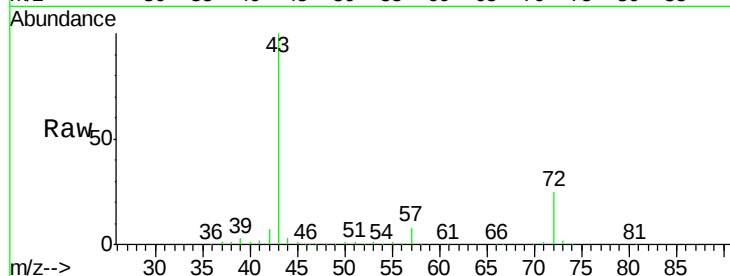
ClientSampled :

Tot Ion: 43 Resp: 193211

Ion Ratio Lower Upper

43 100

72 24.5 18.5 27.7



#26

2,2-Dichloropropane

Concen: 15.48 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002693.D

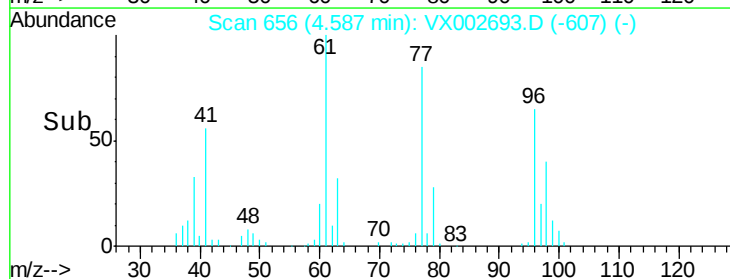
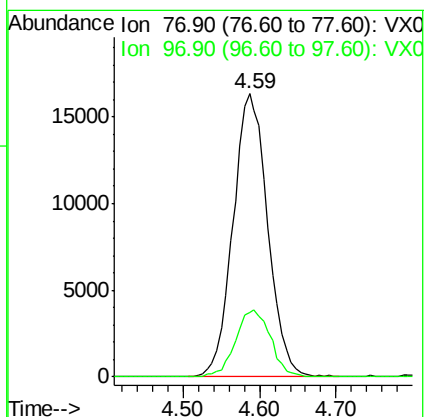
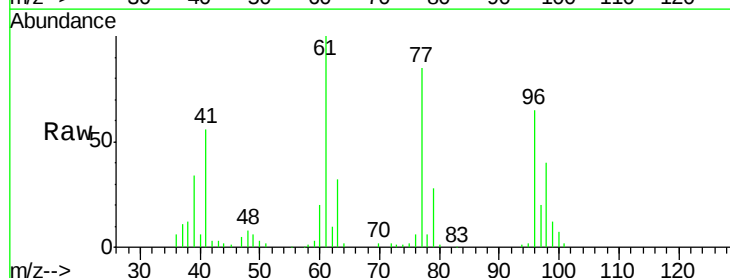
Acq: 18 Jun 2018 22:21

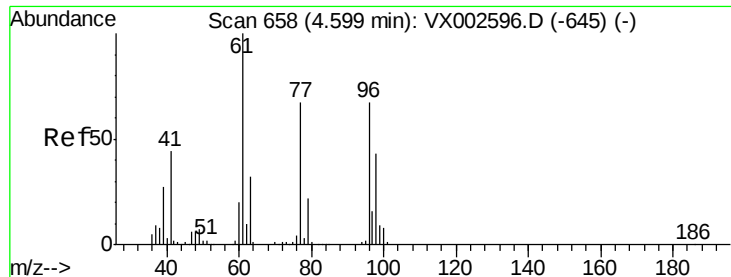
Tgt Ion: 77 Resp: 51151

Ion Ratio Lower Upper

77 100

97 23.9 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 19.16 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

Instrument :

MSVOA_X

ClientSampleId :

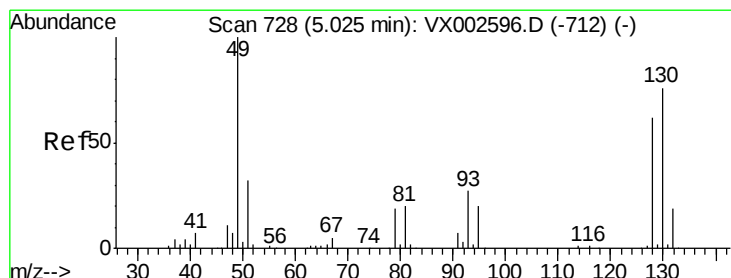
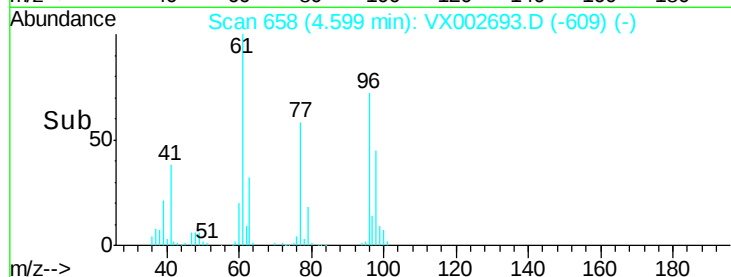
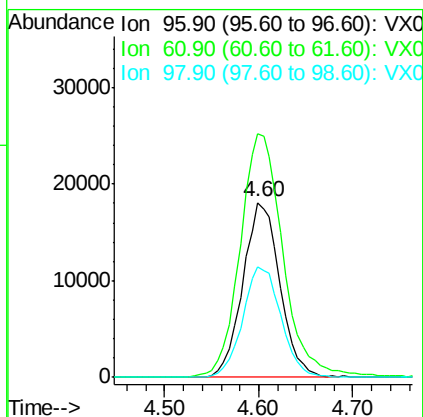
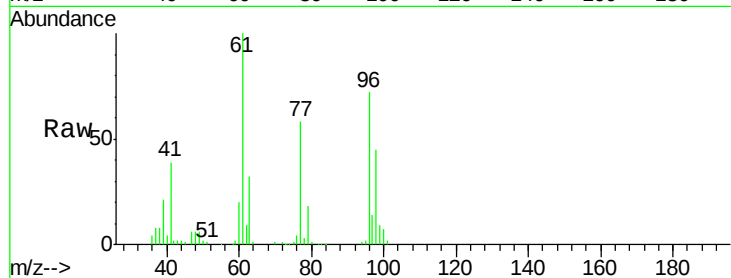
Tot Ion: 96 Resp: 49889

Ion Ratio Lower Upper

96 100

61 161.8 0.0 330.2

98 65.2 0.0 130.2



#28

Bromochloromethane

Concen: 20.44 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

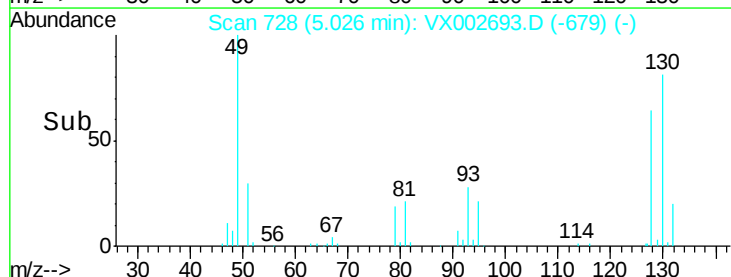
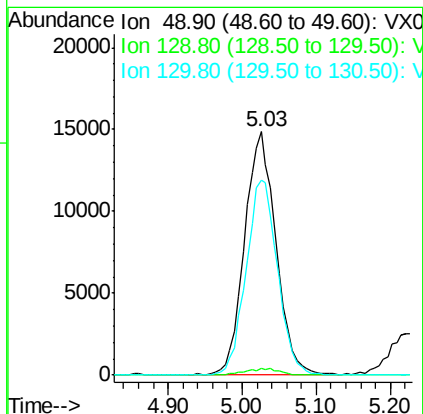
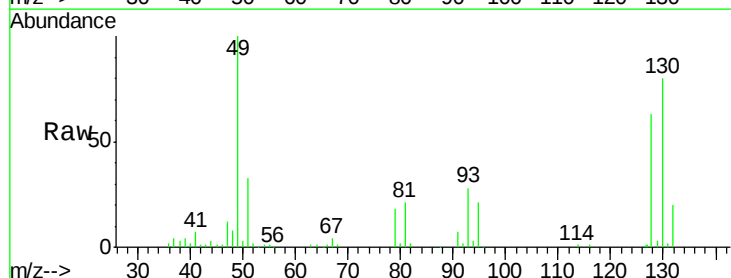
Tgt Ion: 49 Resp: 44036

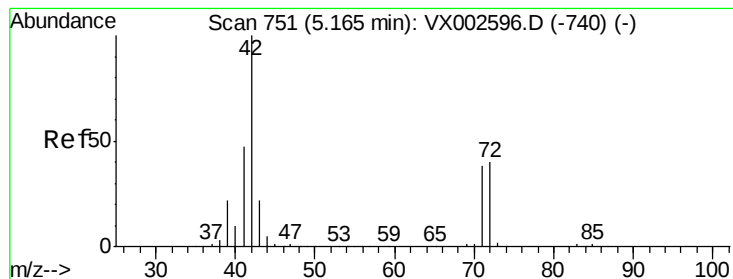
Ion Ratio Lower Upper

49 100

129 2.7 0.0 4.2

130 80.1 61.2 91.8





#29

Tetrahydrofuran

Concen: 102.68 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

Instrument :

MSVOA_X

ClientSampled :

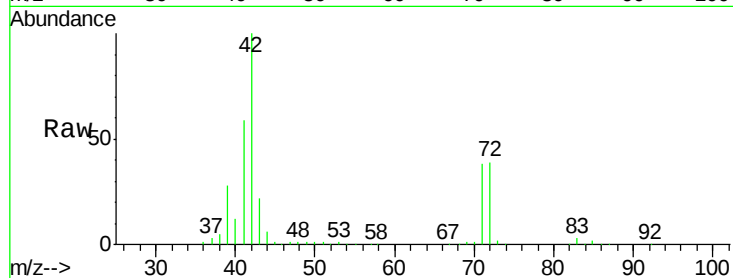
Tot Ion: 42 Resp: 125100

Ion Ratio Lower Upper

42 100

72 42.3 32.0 48.0

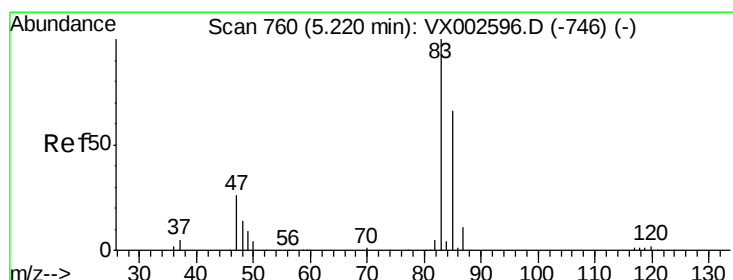
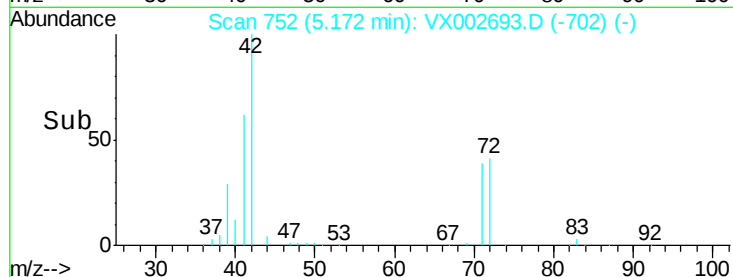
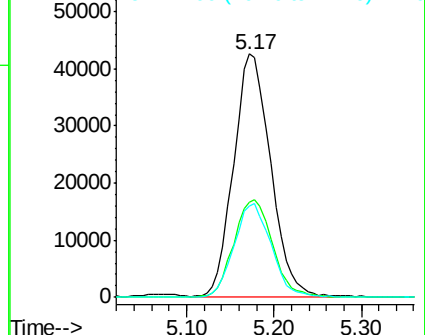
71 38.8 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 19.95 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX002693.D

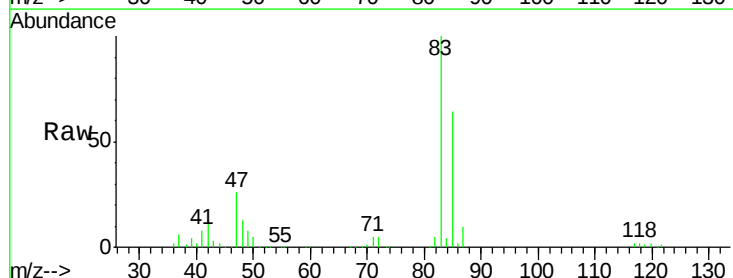
Acq: 18 Jun 2018 22:21

Tgt Ion: 83 Resp: 88465

Ion Ratio Lower Upper

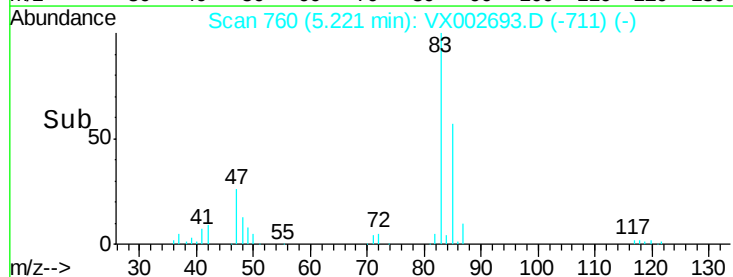
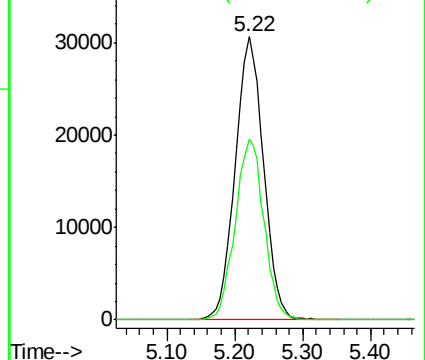
83 100

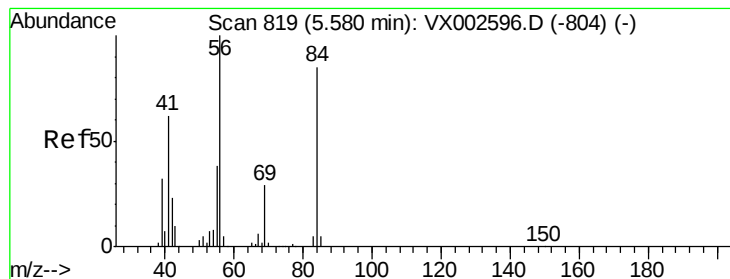
85 63.8 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 18.89 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

Instrument :
MSVOA_X
ClientSampleId :

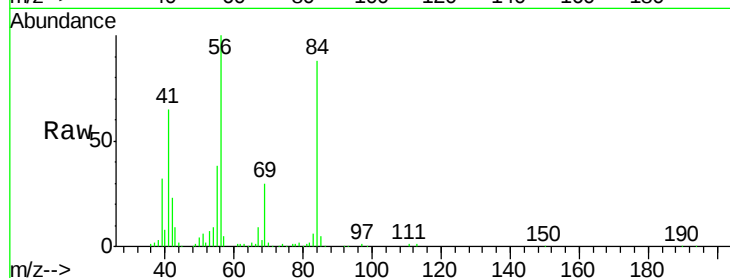
Tot Ion: 56 Resp: 71533

Ion Ratio Lower Upper

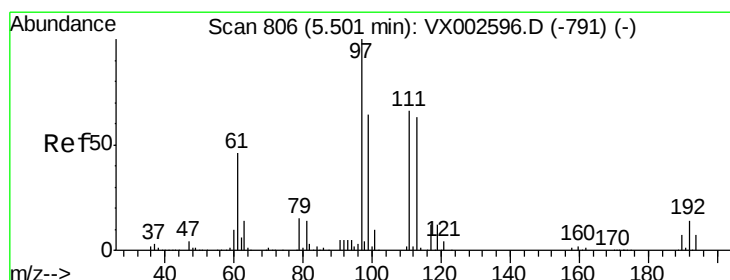
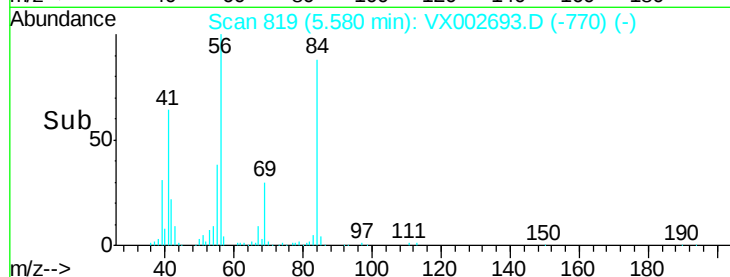
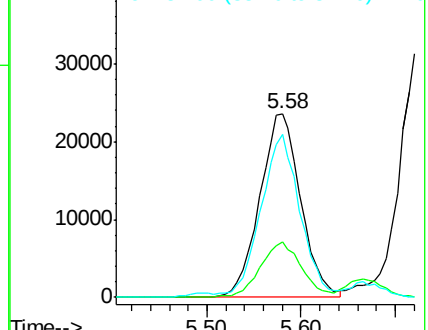
56 100

69 30.2 23.7 35.5

84 86.9 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 20.15 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

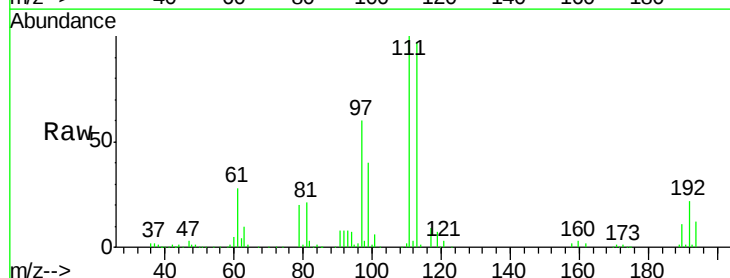
Tgt Ion: 97 Resp: 74735

Ion Ratio Lower Upper

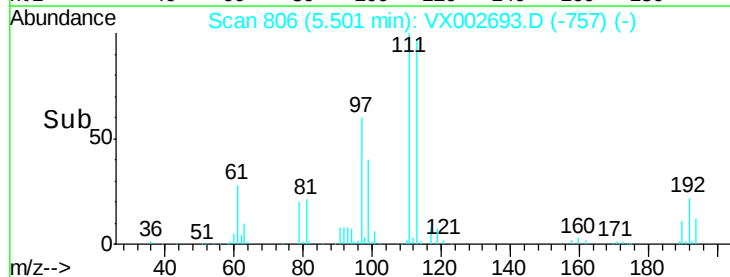
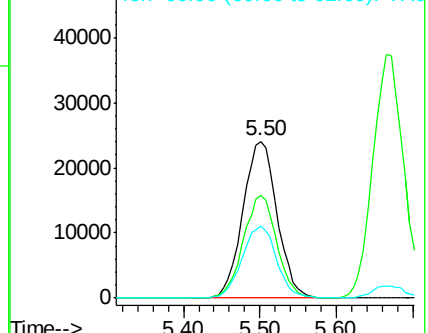
97 100

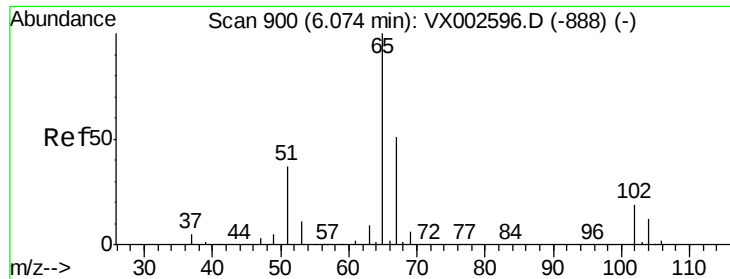
99 64.2 51.6 77.4

61 46.5 36.4 54.6



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





#33

1,2-Dichloroethane-d4

Concen: 47.79 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

Instrument :

MSVOA_X

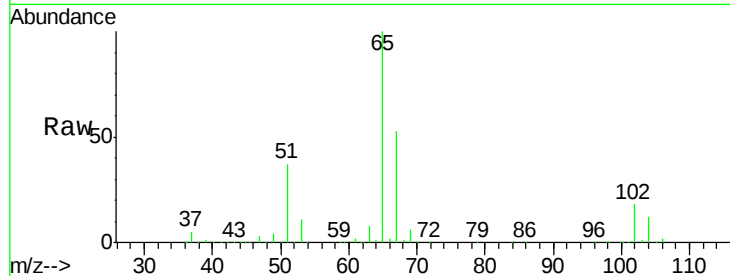
ClientSampleId :

Tot Ion: 65 Resp: 153339

Ion Ratio Lower Upper

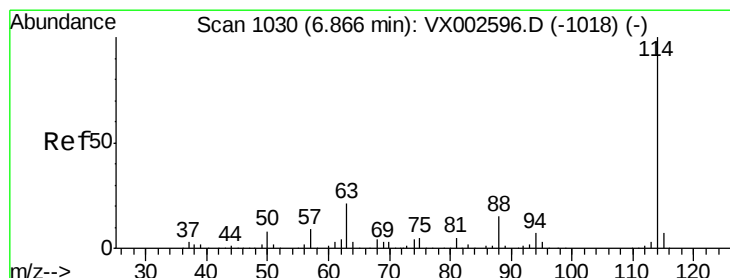
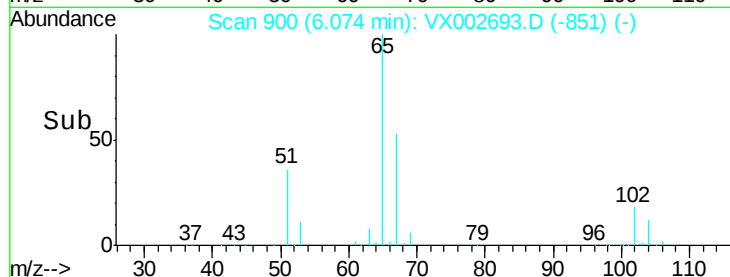
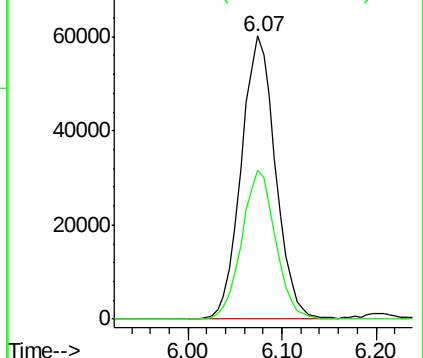
65 100

67 51.8 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

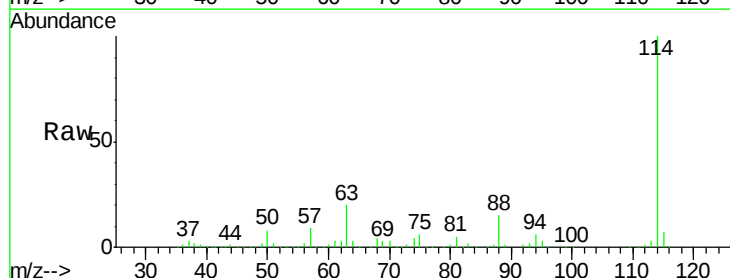
Tgt Ion: 114 Resp: 298965

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.4

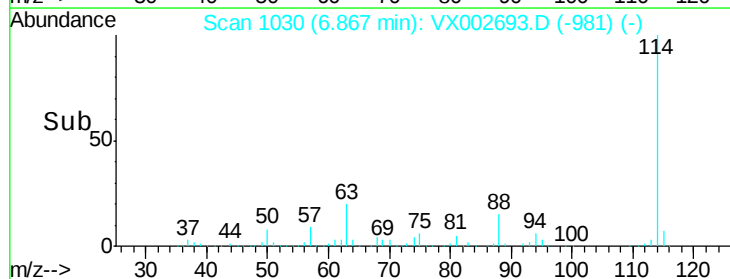
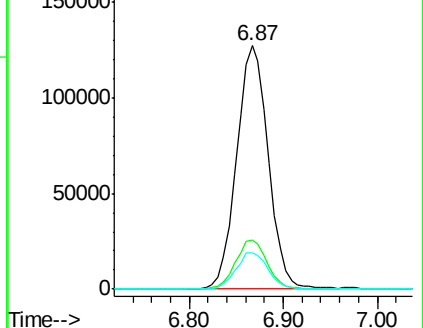
88 14.9 0.0 30.0

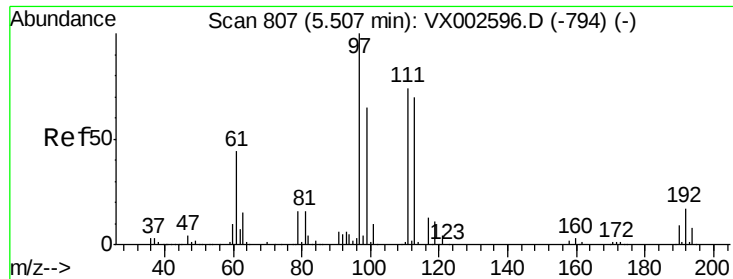


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

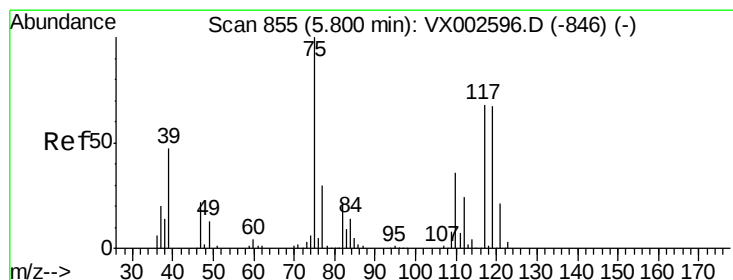
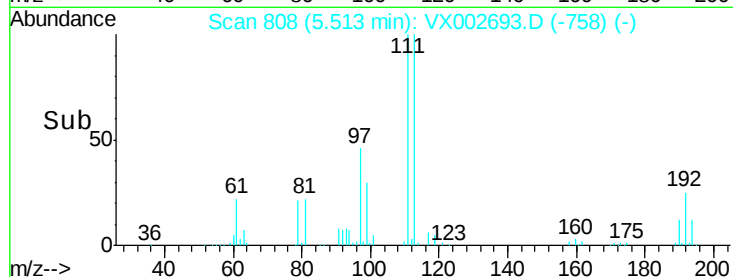
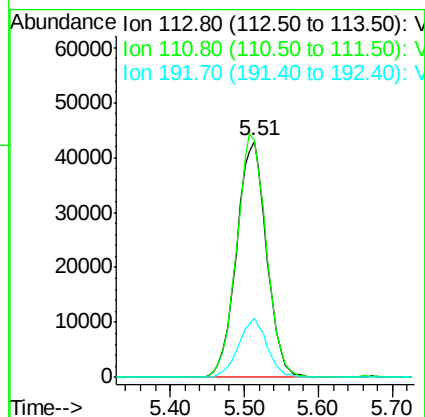
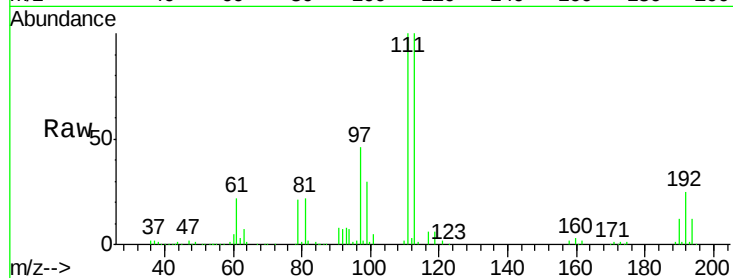




#35
Dibromofluoromethane
Concen: 50.76 ug/l
RT: 5.51 min Scan# 808
Delta R.T. 0.01 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

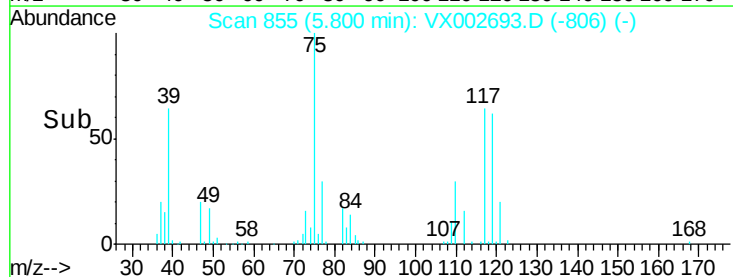
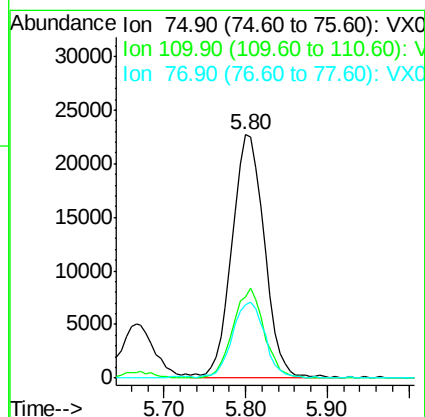
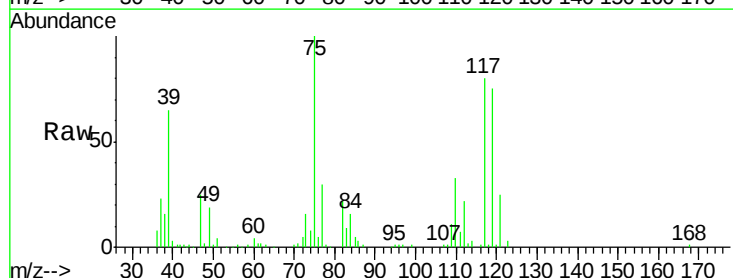
Instrument :
MSVOA_X
ClientSampleId :

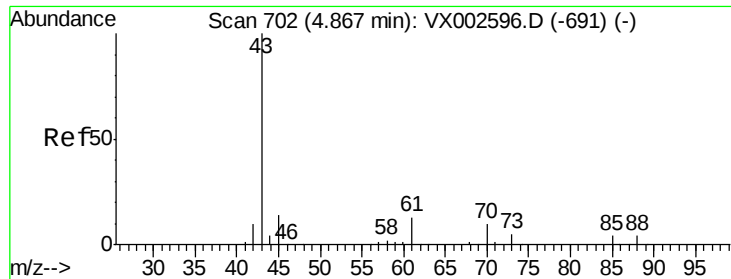
Tot Ion:113 Resp: 121109
Ion Ratio Lower Upper
113 100
111 101.6 81.4 122.0
192 23.9 19.1 28.7



#36
1,1-Dichloropropene
Concen: 19.48 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

Tgt Ion: 75 Resp: 61855
Ion Ratio Lower Upper
75 100
110 35.7 18.1 54.4
77 31.9 24.3 36.5

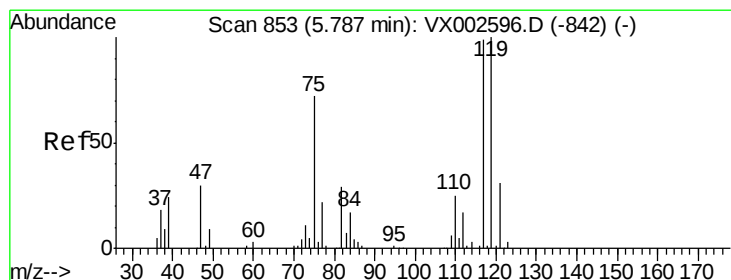
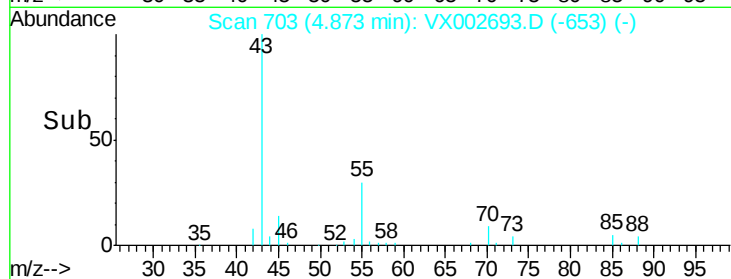
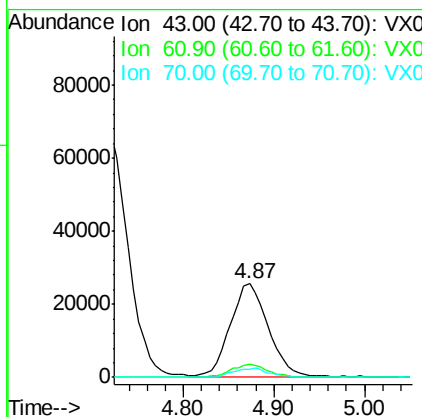
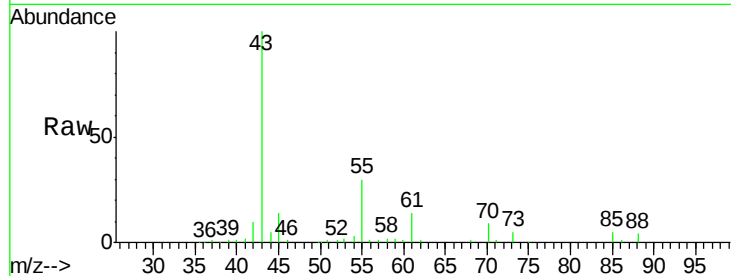




#37
Ethyl Acetate
Concen: 20.57 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

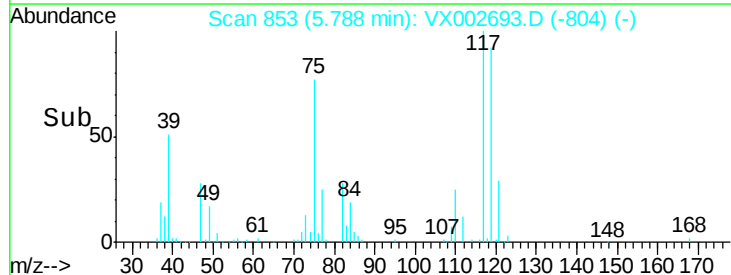
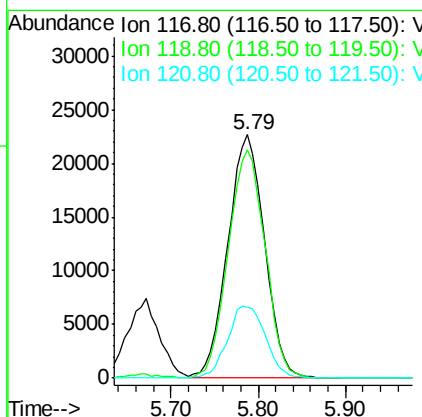
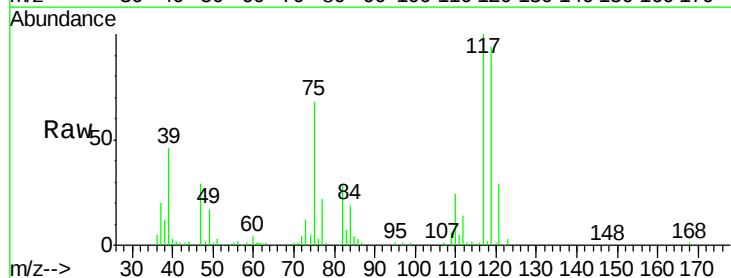
Instrument :
MSVOA_X
ClientSampled :

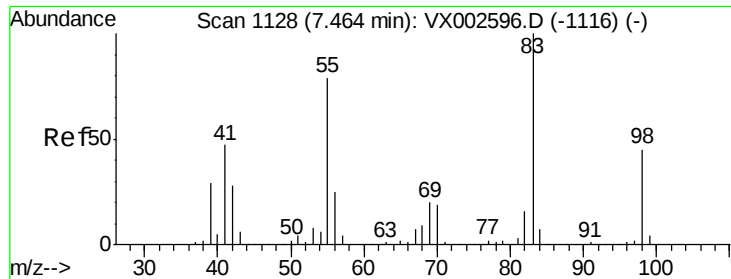
Tot Ion: 43 Resp: 73910
Ion Ratio Lower Upper
43 100
61 13.1 10.4 15.6
70 9.8 7.6 11.4



#38
Carbon Tetrachloride
Concen: 20.94 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

Tgt Ion: 117 Resp: 66218
Ion Ratio Lower Upper
117 100
119 94.0 77.4 116.0
121 29.2 24.4 36.6

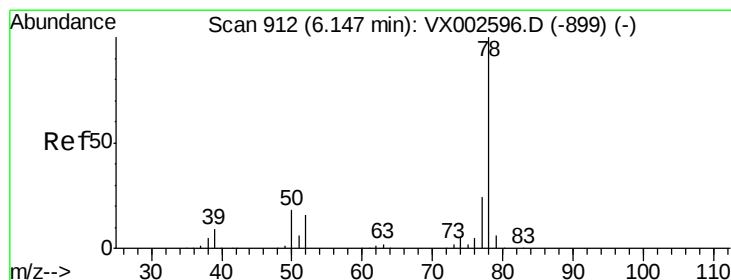
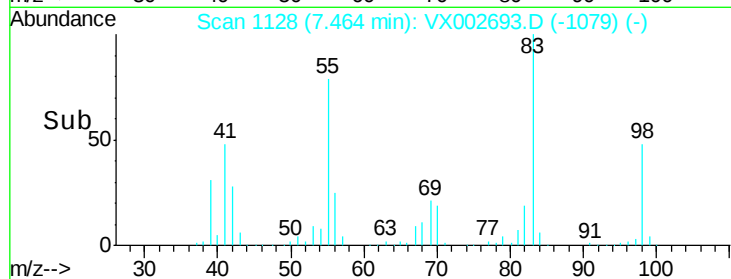
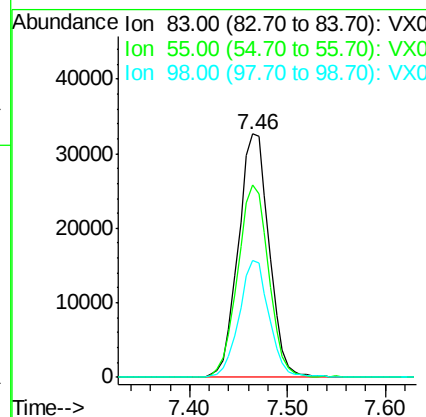
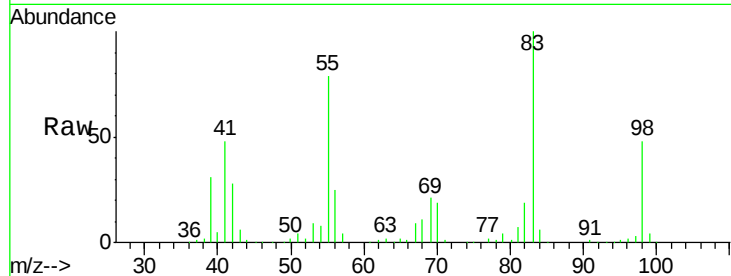




#39
Methvlcvclohexane
Concen: 19.26 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

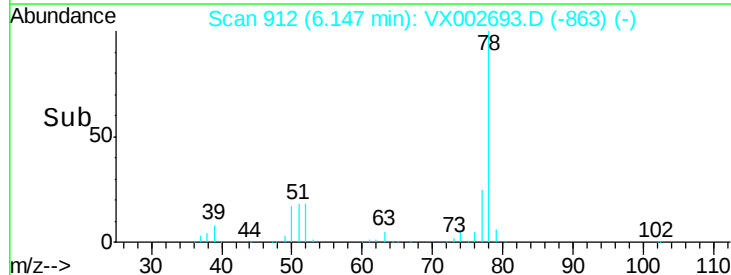
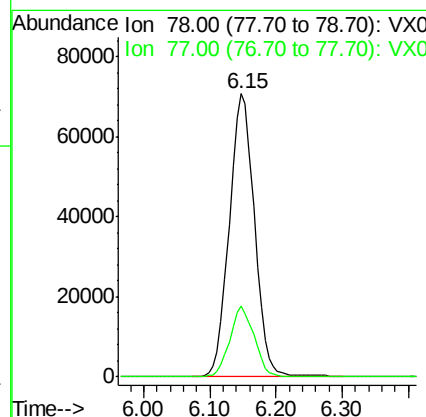
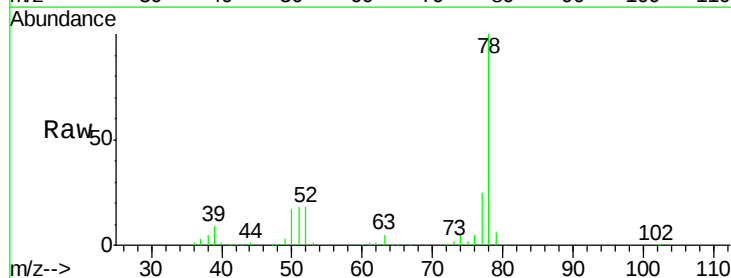
Instrument :
MSVOA_X
ClientSampled :

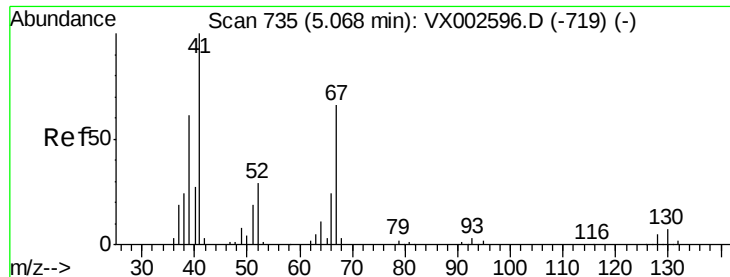
Tot Ion: 83 Resp: 71495
Ion Ratio Lower Upper
83 100
55 78.9 65.4 98.0
98 48.1 37.4 56.0



#40
Benzene
Concen: 19.66 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

Tgt Ion: 78 Resp: 187181
Ion Ratio Lower Upper
78 100
77 25.2 19.1 28.7

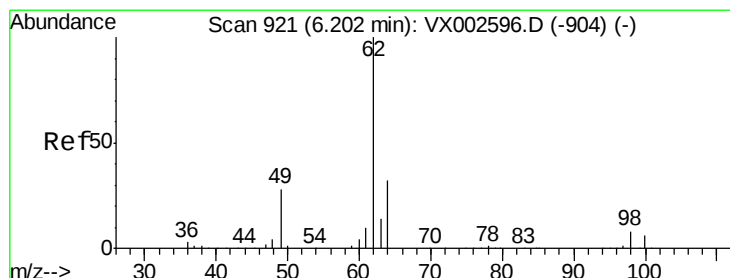
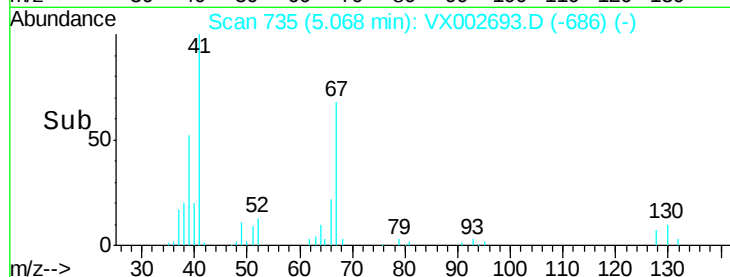
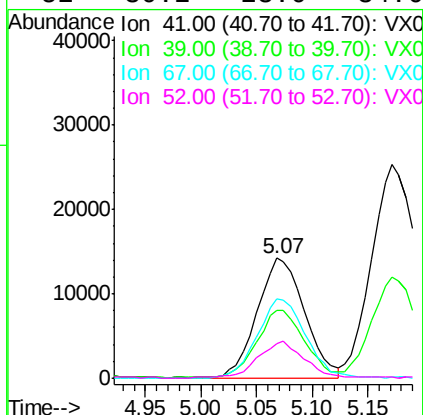
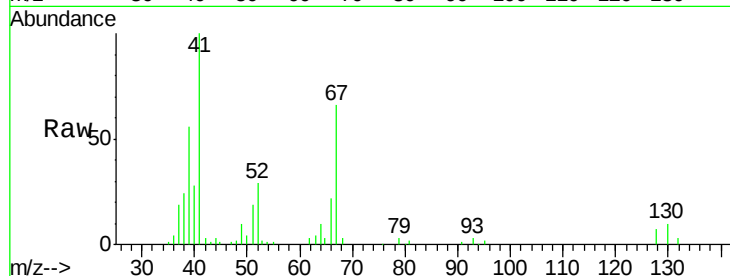




#41
Methacrylonitrile
Concen: 20.73 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

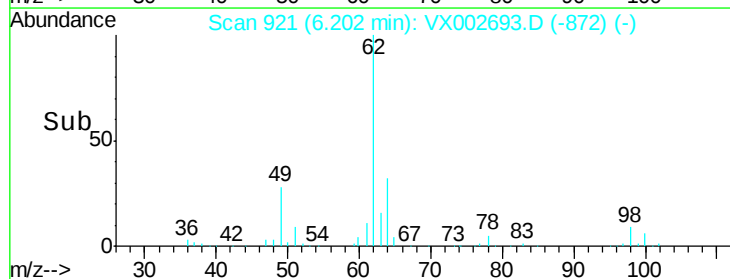
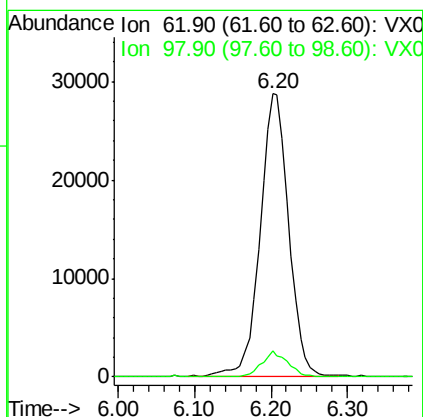
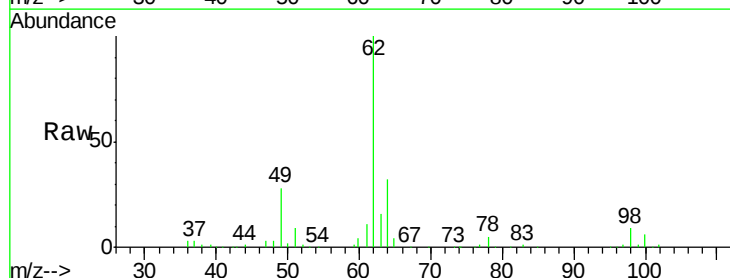
Instrument :
MSVOA_X
ClientSampled :

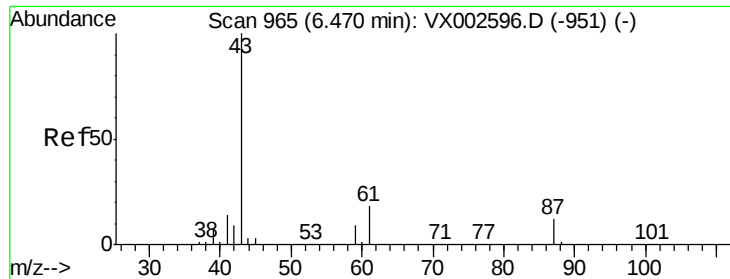
Tot Ion:	41	Resp:	42068
Ion	Ratio	Lower	Upper
41	100		
39	56.7	45.8	68.6
67	67.8	51.3	76.9
52	30.2	23.0	34.6



#42
1,2-Dichloroethane
Concen: 20.21 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

Tgt Ion:	62	Resp:	74512
Ion	Ratio	Lower	Upper
62	100		
98	8.3	0.0	16.6



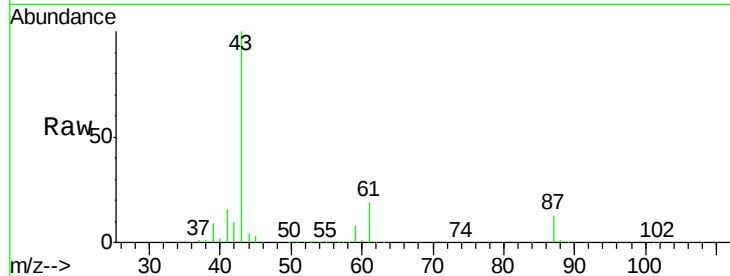


#43

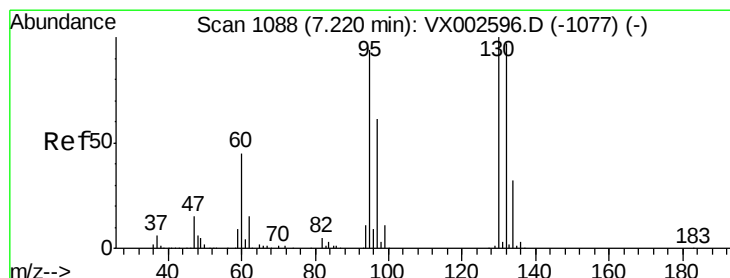
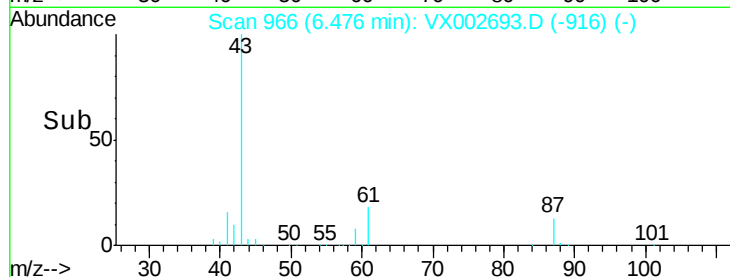
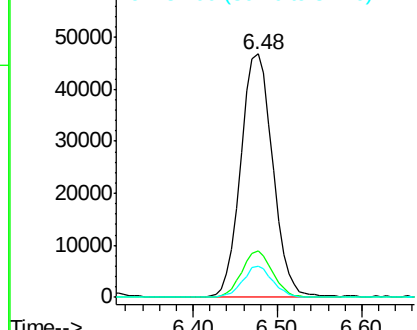
Isopropyl Acetate
 Concen: 20.04 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX002693.D
 Acq: 18 Jun 2018 22:21

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 43 Resp: 119324
 Ion Ratio Lower Upper
 43 100
 61 18.5 14.4 21.6
 87 12.1 9.5 14.3



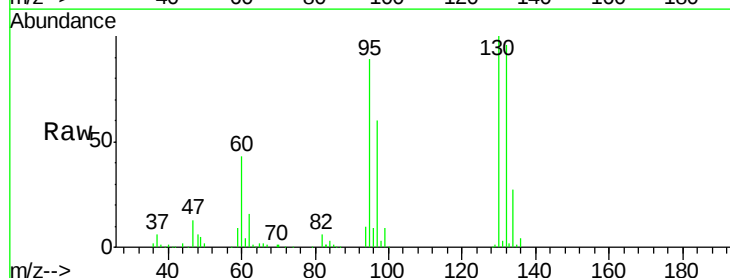
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



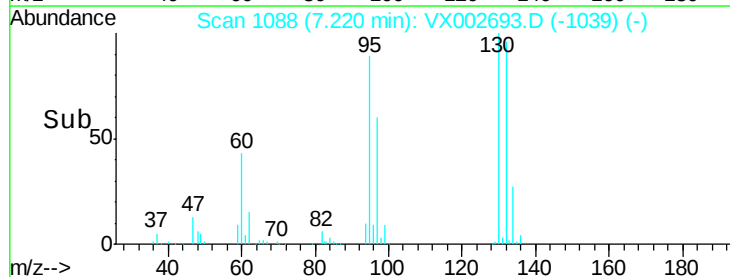
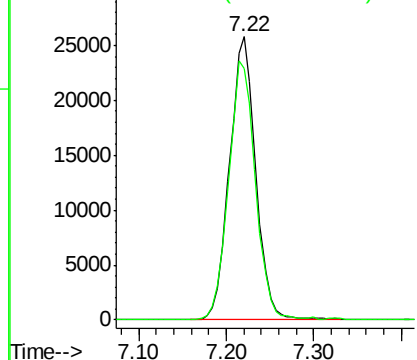
#44

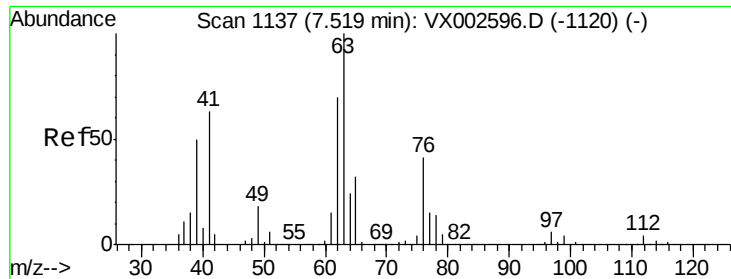
Trichloroethene
 Concen: 19.59 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX002693.D
 Acq: 18 Jun 2018 22:21

Tgt Ion:130 Resp: 53838
 Ion Ratio Lower Upper
 130 100
 95 88.7 0.0 185.4



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

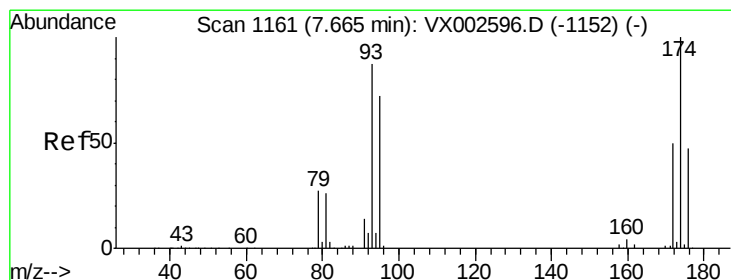
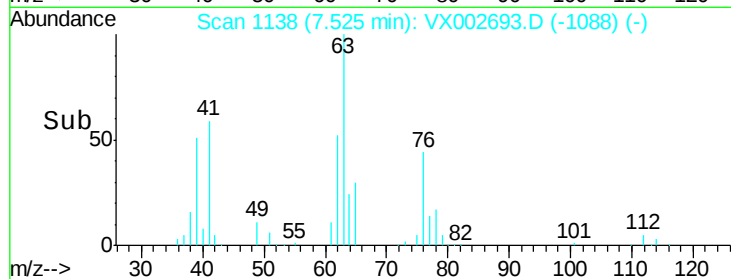
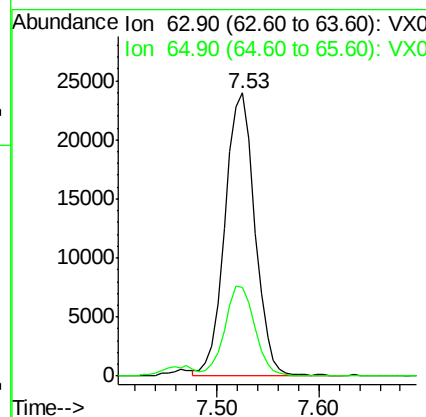
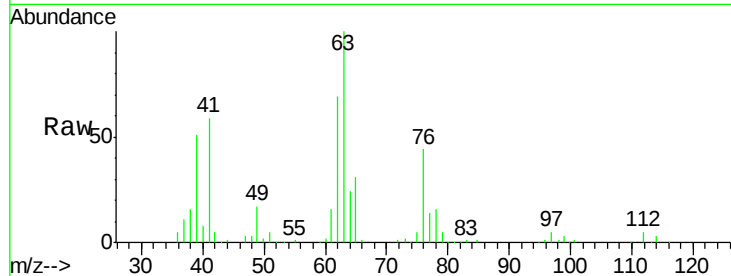




#45
 1,2-Dichloropropane
 Concen: 19.57 ug/l
 RT: 7.53 min Scan# 1138
 Delta R.T. 0.01 min
 Lab File: VX002693.D
 Acq: 18 Jun 2018 22:21

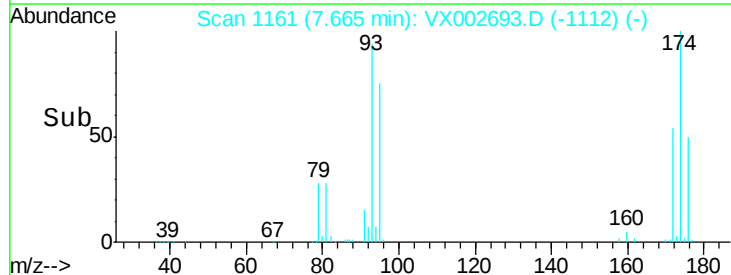
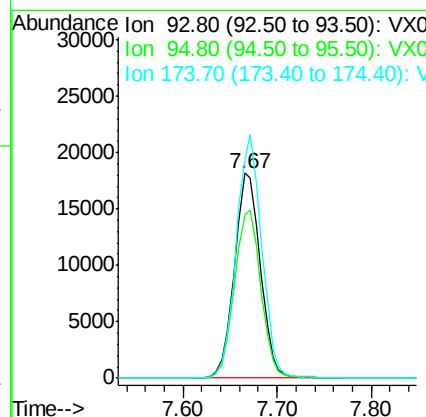
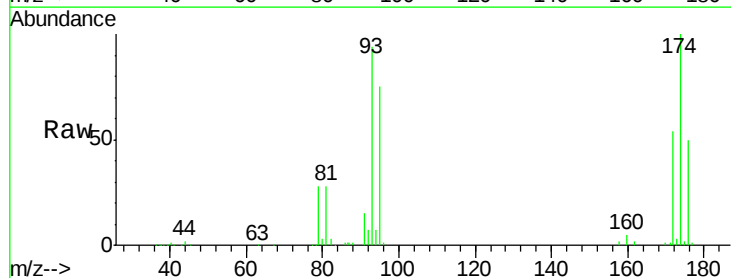
Instrument :
 MSVOA_X
 ClientSampled :

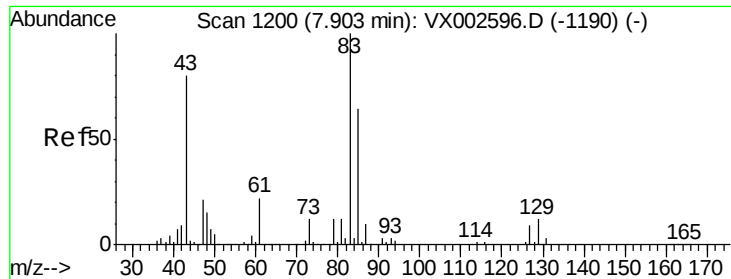
Tot Ion: 63 Resp: 49045
 Ion Ratio Lower Upper
 63 100
 65 31.2 24.7 37.1



#46
 Dibromomethane
 Concen: 20.78 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002693.D
 Acq: 18 Jun 2018 22:21

Tgt Ion: 93 Resp: 34828
 Ion Ratio Lower Upper
 93 100
 95 83.1 65.9 98.9
 174 115.5 92.4 138.6





#47

Bromodichloromethane

Concen: 20.94 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

Instrument :
MSVOA_X
ClientSampleId :

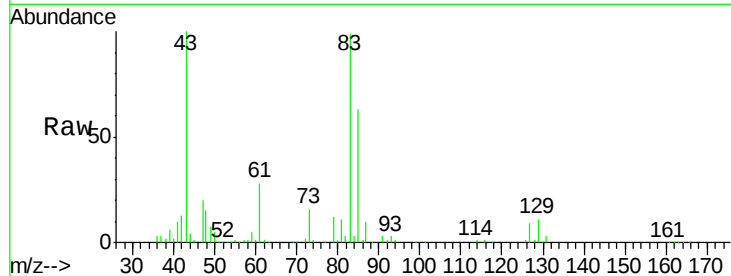
Tot Ion: 83 Resp: 61897

Ion Ratio Lower Upper

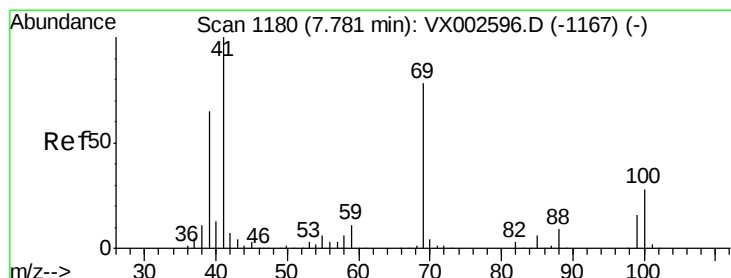
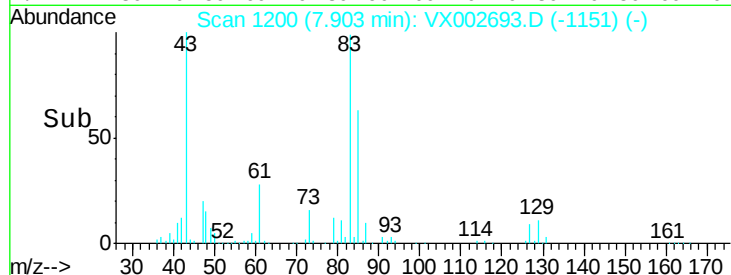
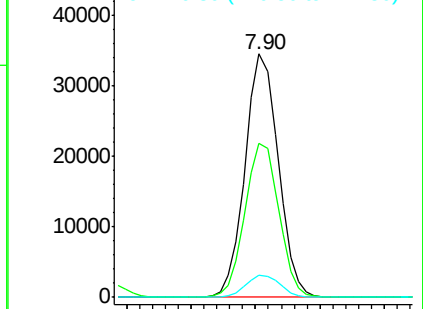
83 100

85 63.5 50.3 75.5

127 9.0 7.0 10.4



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



#48

Methyl methacrylate

Concen: 20.23 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

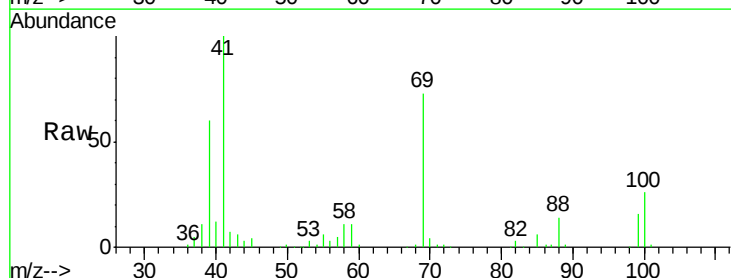
Tgt Ion: 41 Resp: 61564

Ion Ratio Lower Upper

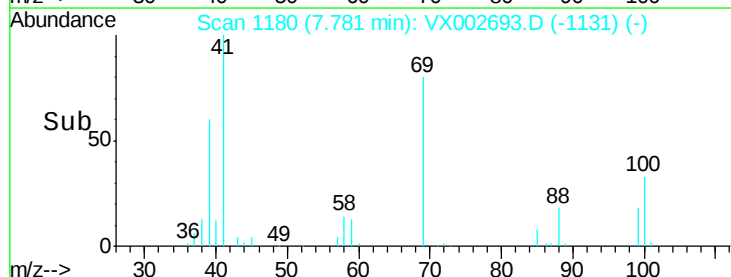
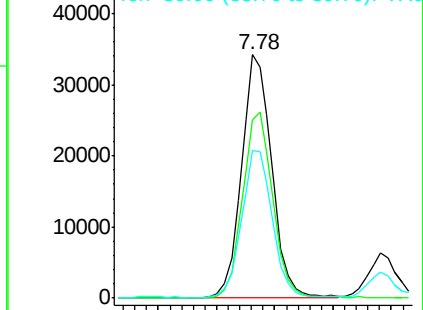
41 100

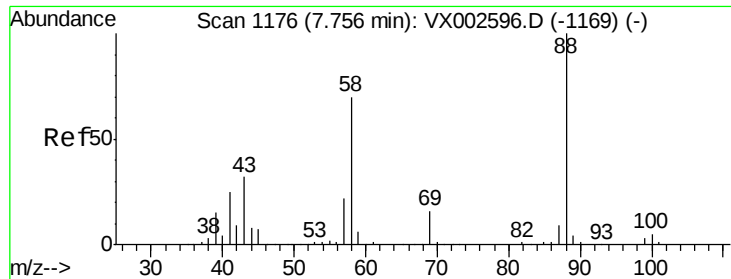
69 77.1 59.1 88.7

39 61.9 48.9 73.3



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

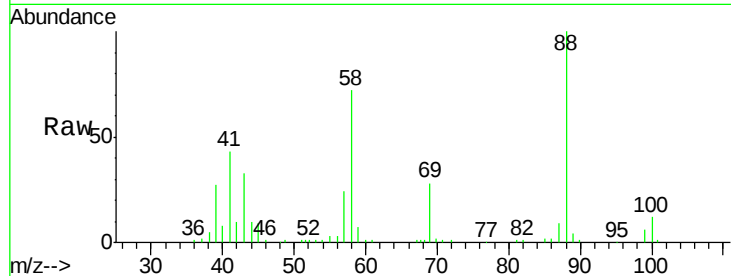




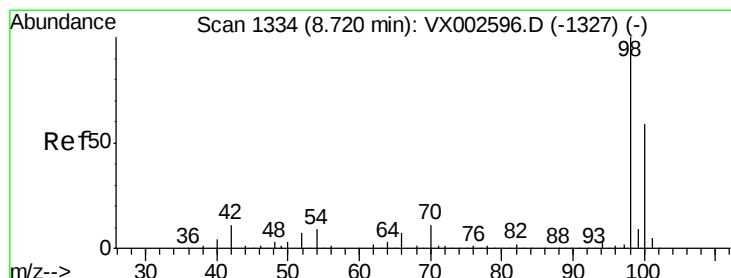
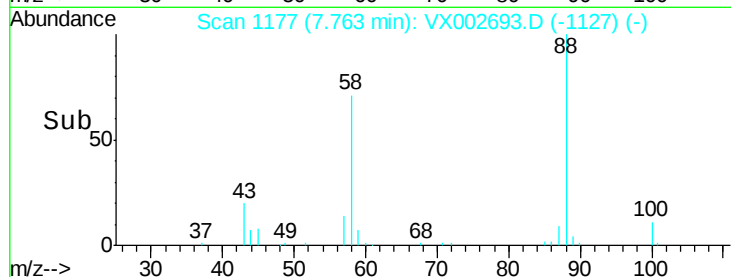
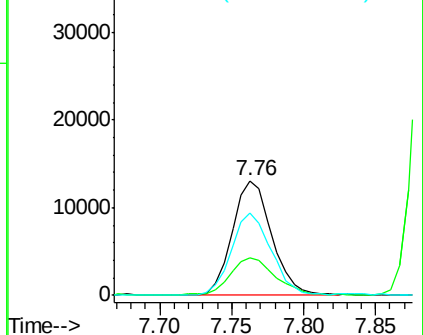
#49
1,4-Dioxane
Concen: 431.82 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 24883
Ion Ratio Lower Upper
88 100
43 36.9 29.8 44.6
58 72.4 57.1 85.7

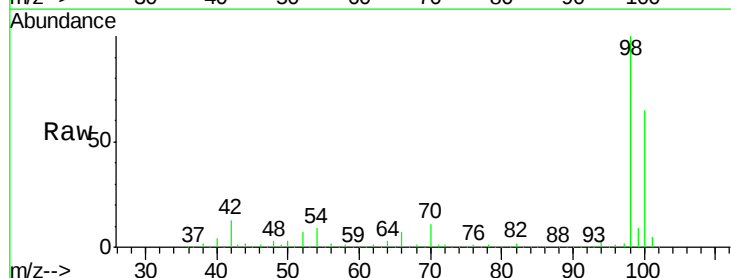


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

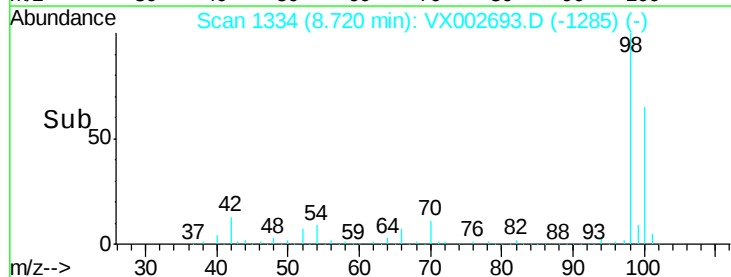
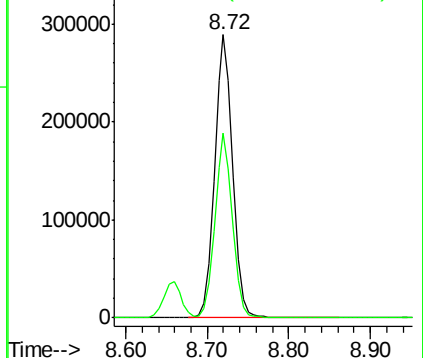


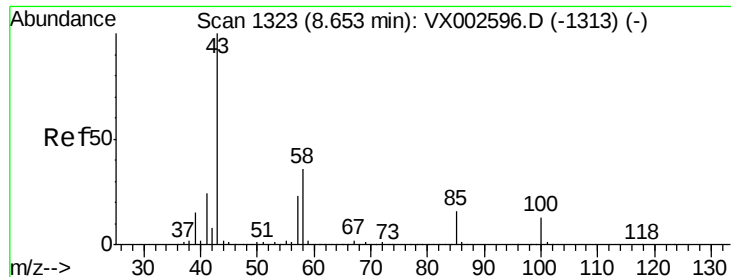
#50
Toluene-d8
Concen: 49.30 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

Tgt Ion: 98 Resp: 446674
Ion Ratio Lower Upper
98 100
100 63.9 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: 104.64 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

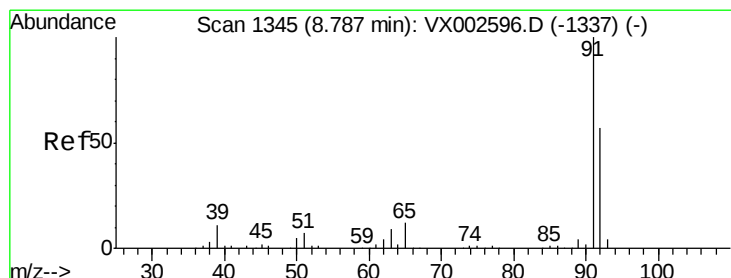
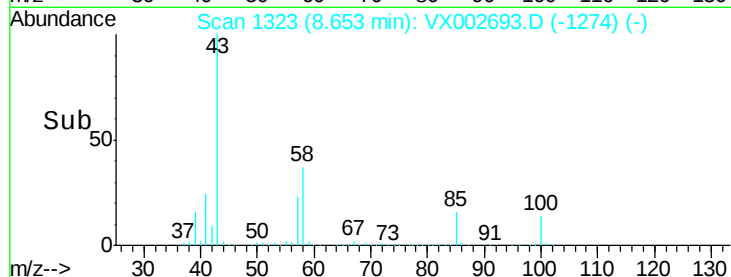
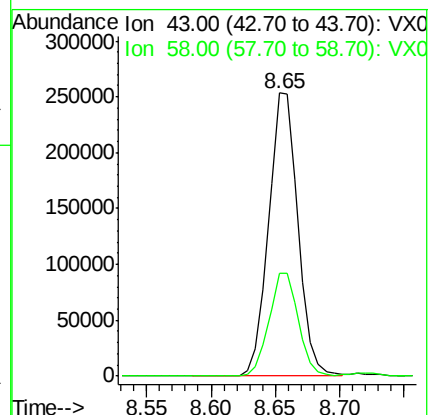
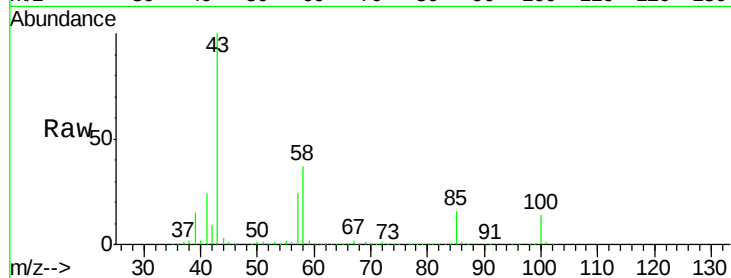
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 400065

Ion Ratio Lower Upper

43 100

58 36.5 28.6 42.8



#52

Toluene

Concen: 19.64 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002693.D

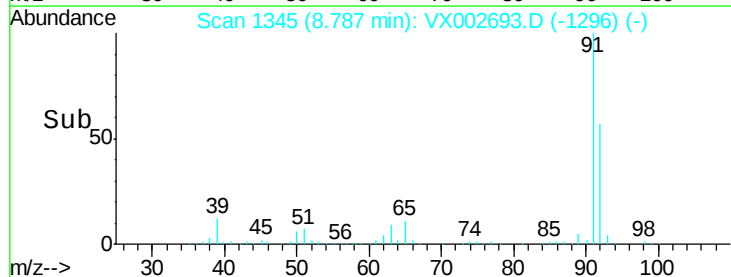
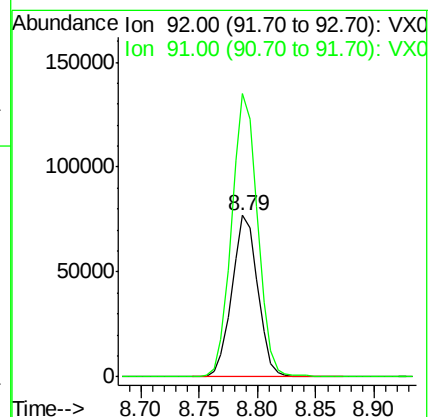
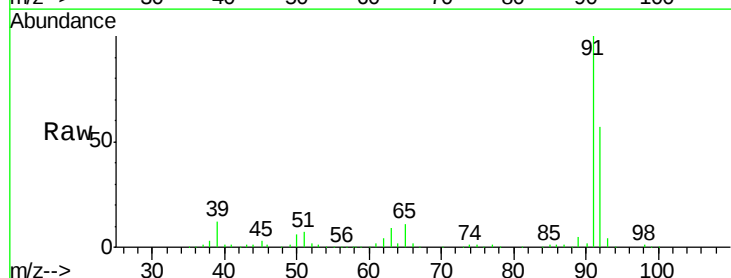
Acq: 18 Jun 2018 22:21

Tgt Ion: 92 Resp: 119254

Ion Ratio Lower Upper

92 100

91 176.5 140.4 210.6

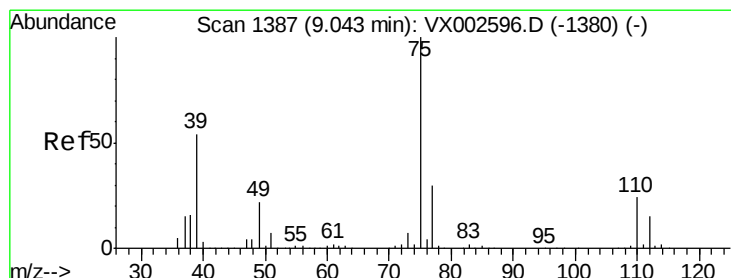
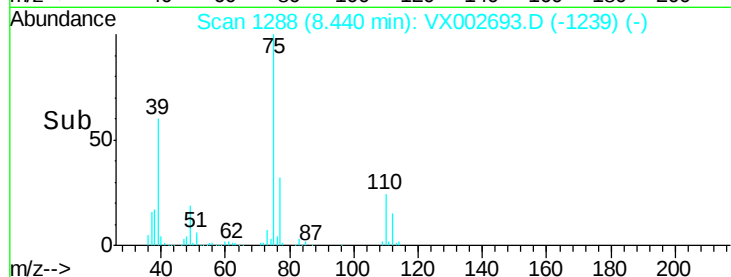
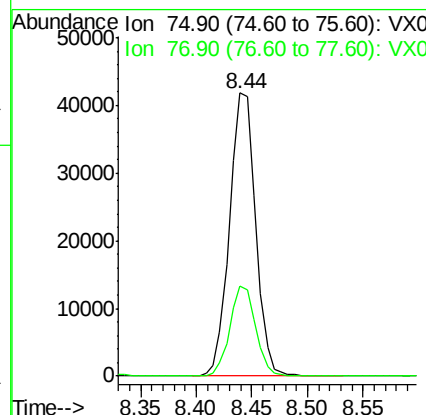
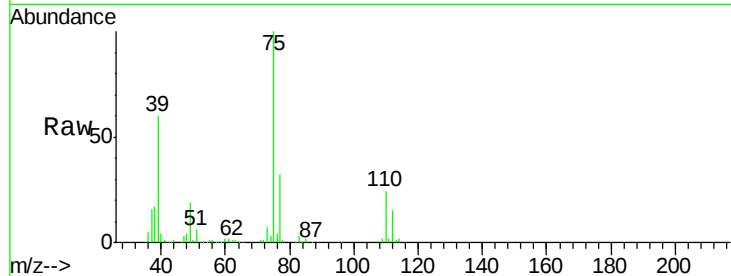




#53
t-1,3-Dichloropropene
Concen: 18.90 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

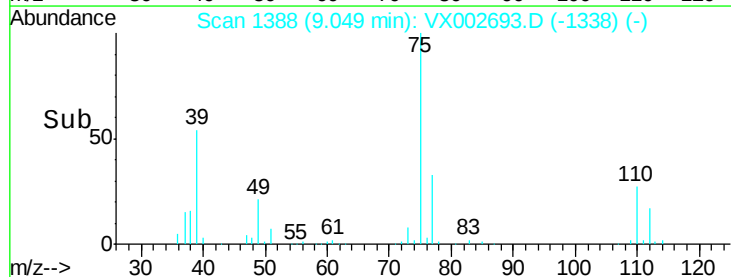
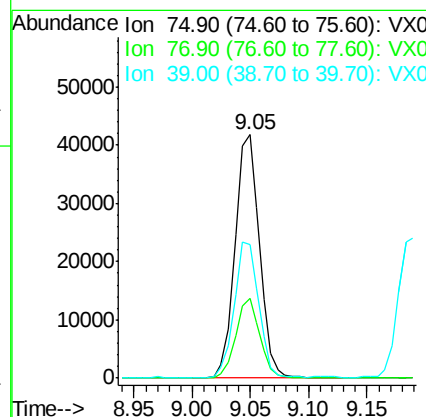
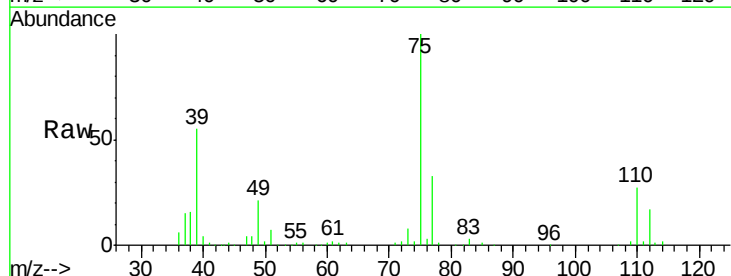
Instrument :
MSVOA_X
ClientSampleId :

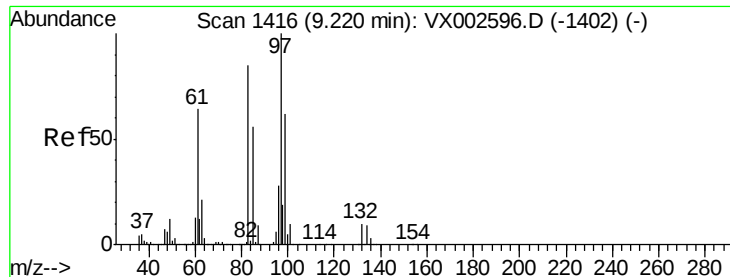
Tot Ion: 75 Resp: 67849
Ion Ratio Lower Upper
75 100
77 31.9 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 18.57 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

Tgt Ion: 75 Resp: 61287
Ion Ratio Lower Upper
75 100
77 32.8 24.8 37.2
39 54.6 42.4 63.6

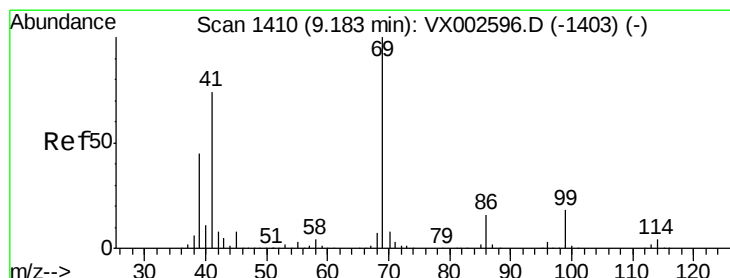
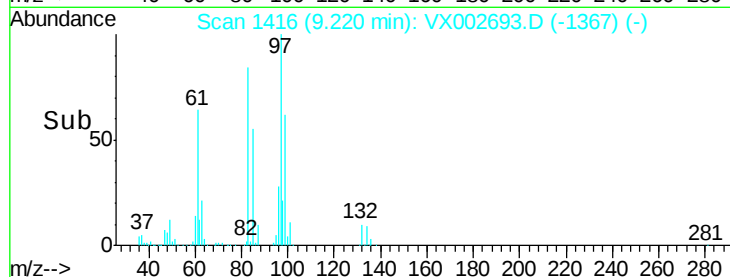
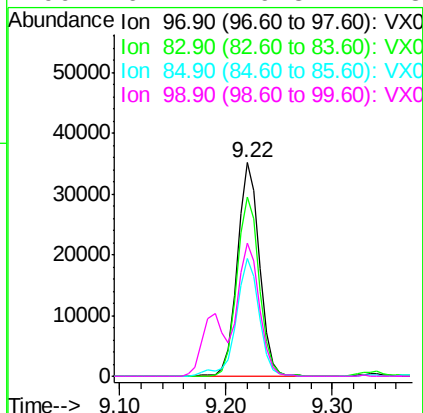
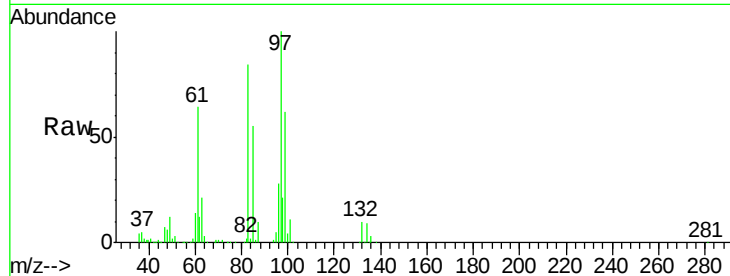




#55
 1,1,2-Trichloroethane
 Concen: 21.01 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002693.D
 Acq: 18 Jun 2018 22:21

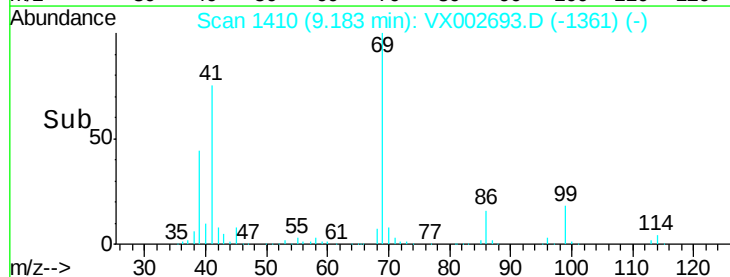
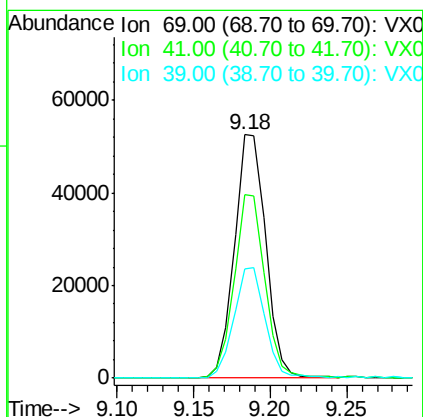
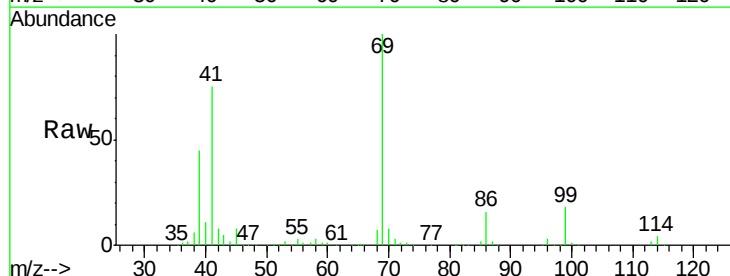
Instrument :
 MSVOA_X
 ClientSampleId :

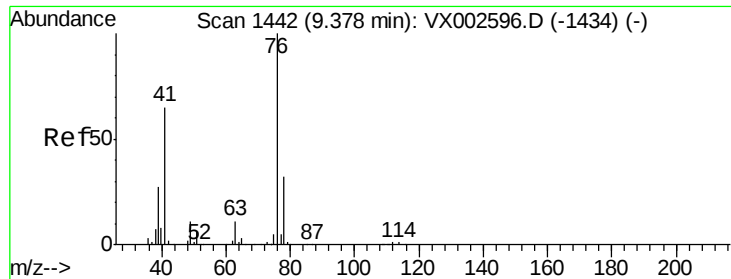
Tot Ion: 97 Resp: 51553
 Ion Ratio Lower Upper
 97 100
 83 84.0 70.2 105.2
 85 55.0 44.9 67.3
 99 62.2 49.8 74.8



#56
 Ethyl methacrylate
 Concen: 19.83 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002693.D
 Acq: 18 Jun 2018 22:21

Tgt Ion: 69 Resp: 74885
 Ion Ratio Lower Upper
 69 100
 41 73.0 60.3 90.5
 39 44.7 35.8 53.8

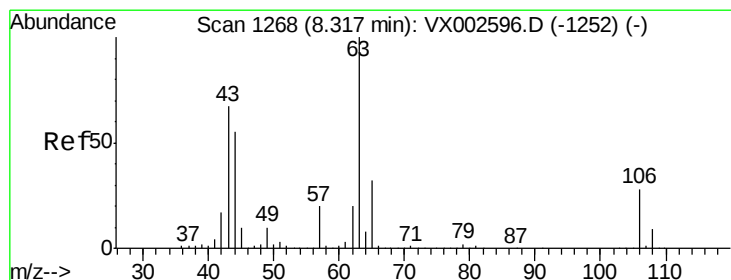
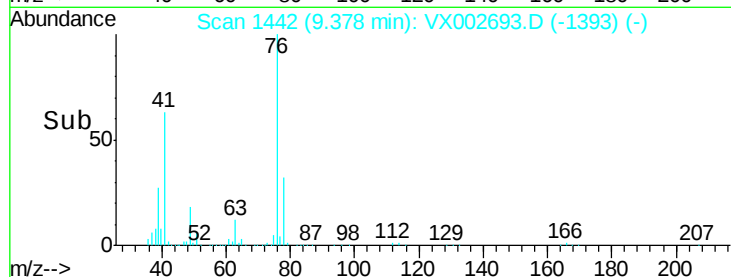
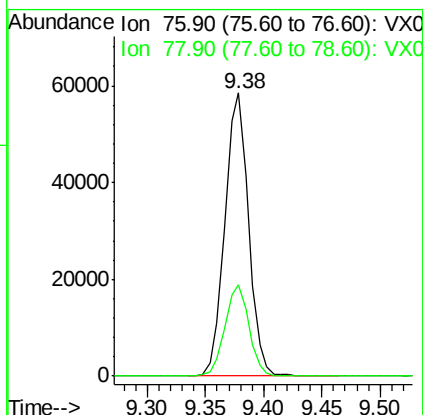
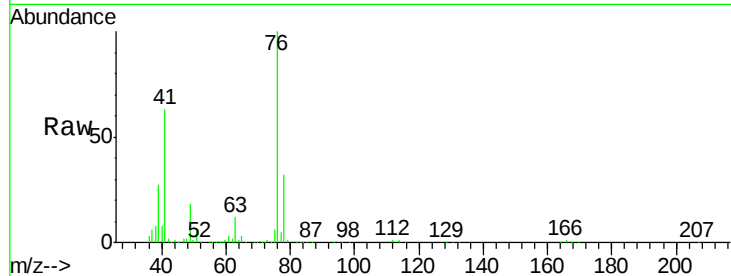




#57
 1,3-Dichloropropane
 Concen: 19.92 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002693.D
 Acq: 18 Jun 2018 22:21

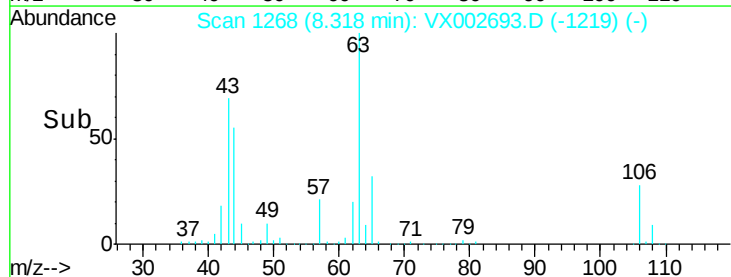
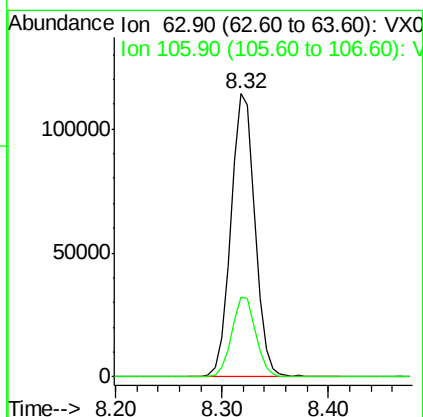
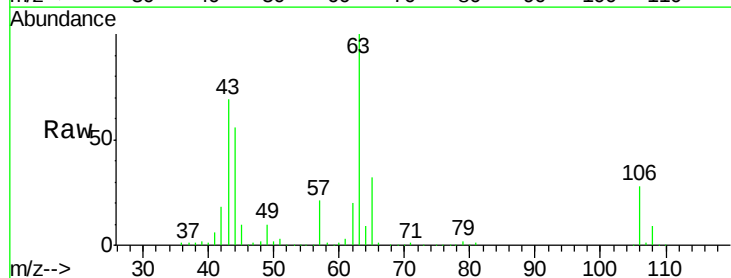
Instrument :
 MSVOA_X
 ClientSampleId :

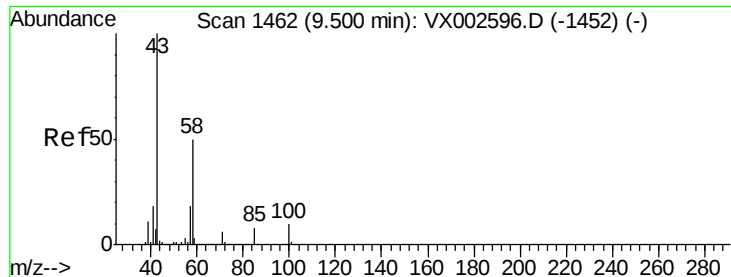
Tot Ion: 76 Resp: 82665
 Ion Ratio Lower Upper
 76 100
 78 32.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 99.05 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002693.D
 Acq: 18 Jun 2018 22:21

Tgt Ion: 63 Resp: 180917
 Ion Ratio Lower Upper
 63 100
 106 28.3 21.8 32.8

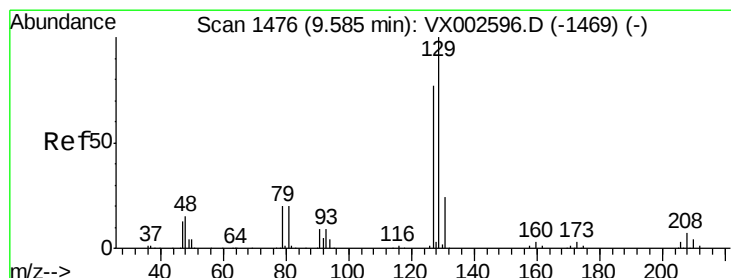
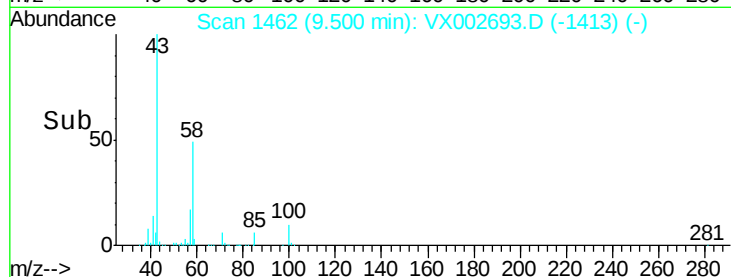
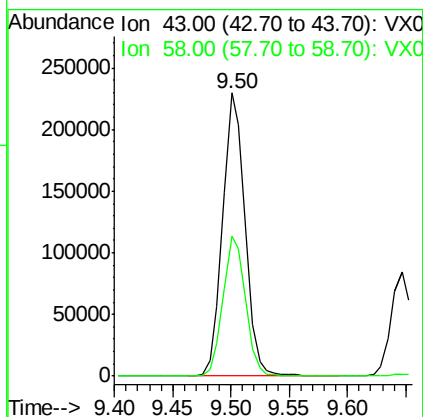
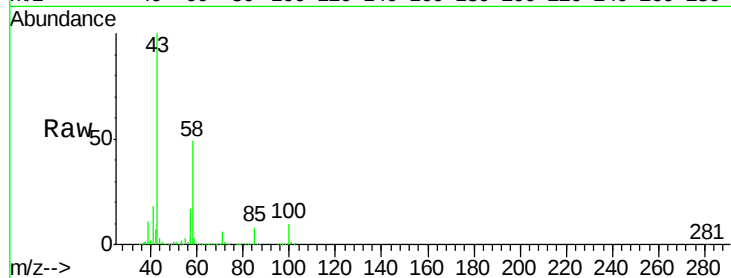




#59
2-Hexanone
Concen: 105.88 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

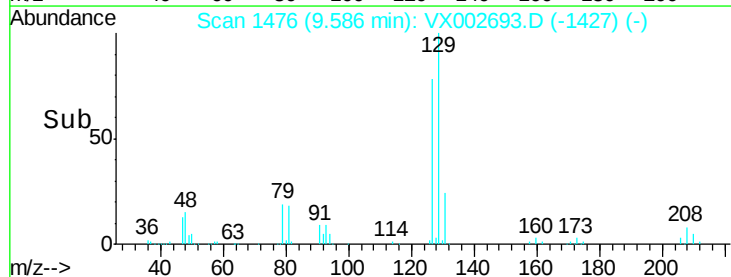
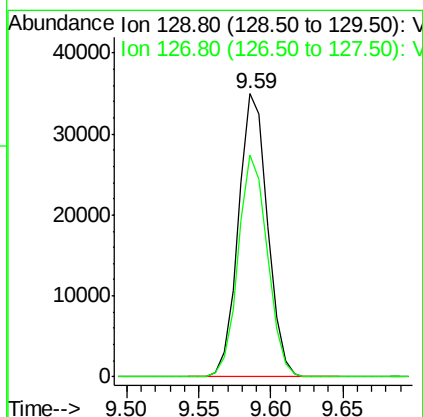
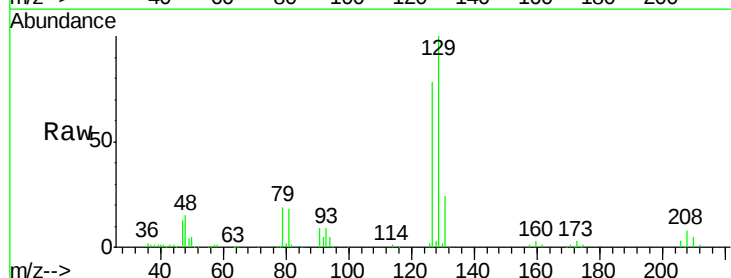
Instrument :
MSVOA_X
ClientSampled :

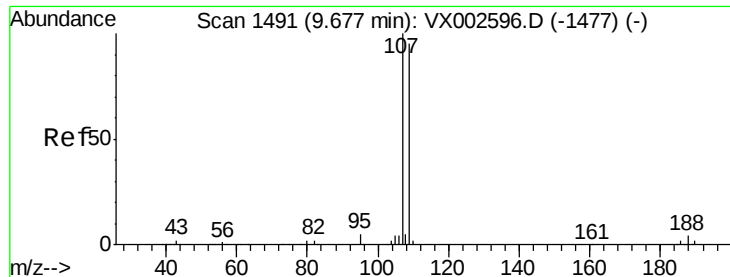
Tot Ion: 43 Resp: 305034
Ion Ratio Lower Upper
43 100
58 49.9 24.6 73.6



#60
Dibromochloromethane
Concen: 20.28 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

Tgt Ion: 129 Resp: 49309
Ion Ratio Lower Upper
129 100
127 78.4 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.44 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

Instrument :

MSVOA_X

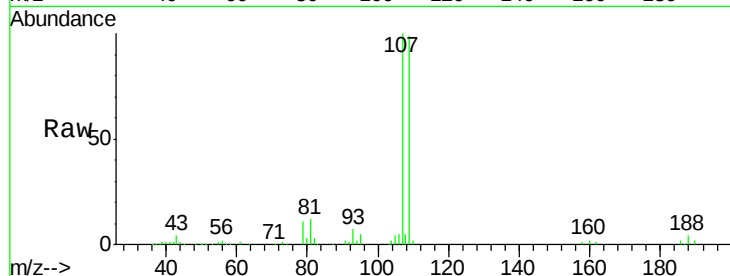
ClientSampleId :

Tot Ion:107 Resp: 51955

Ion Ratio Lower Upper

107 100

109 95.0 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V

9.68

40000

30000

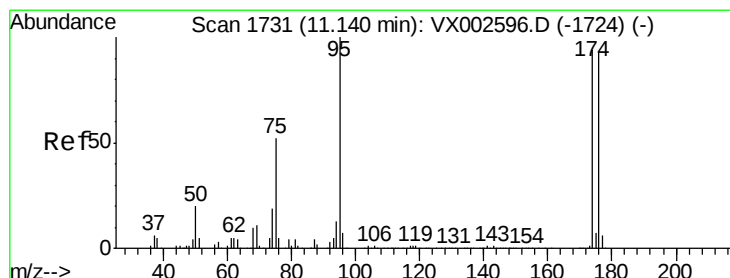
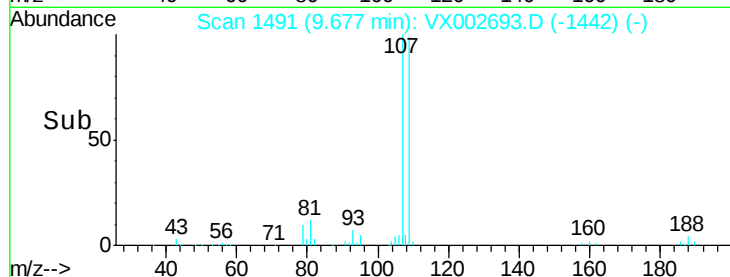
20000

10000

0

Time-->

9.60 9.65 9.70 9.75



#62

4-Bromofluorobenzene

Concen: 47.99 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

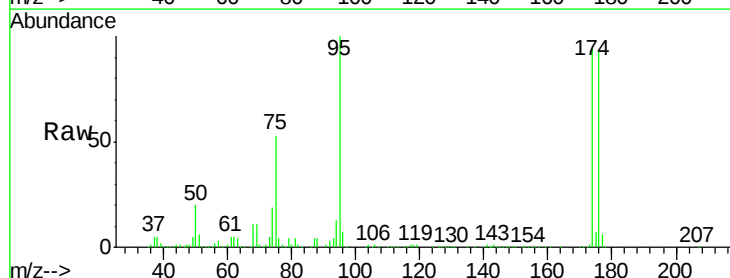
Tgt Ion: 95 Resp: 164736

Ion Ratio Lower Upper

95 100

174 99.0 0.0 187.4

176 96.6 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

11.14

150000

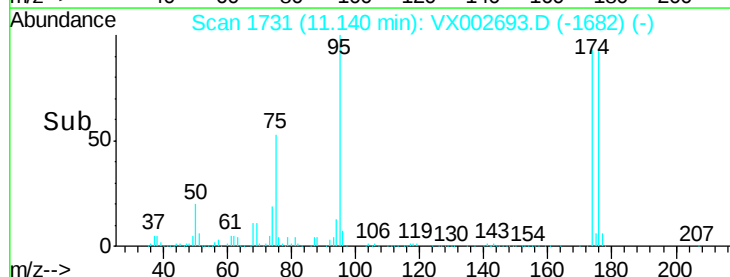
100000

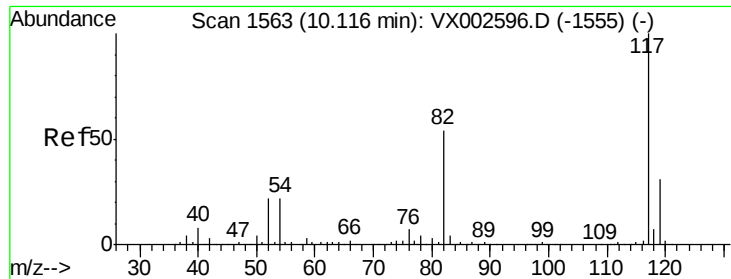
50000

0

Time-->

11.10 11.20

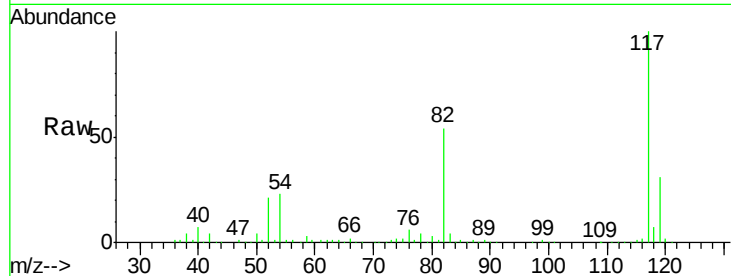




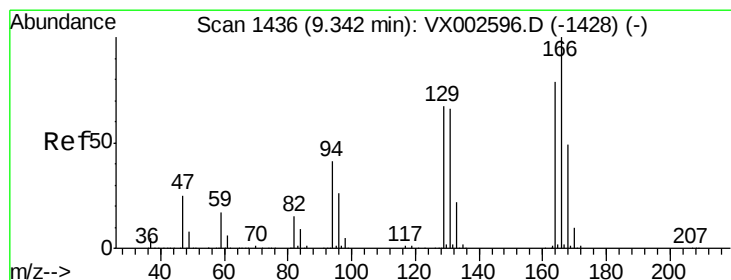
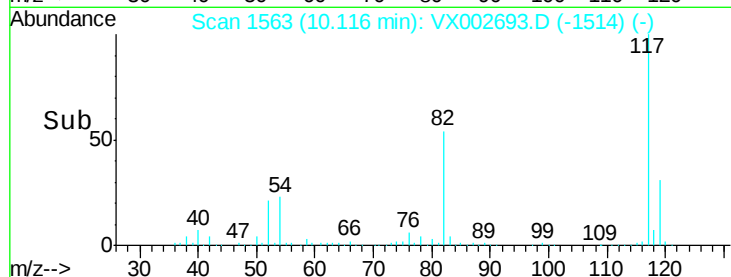
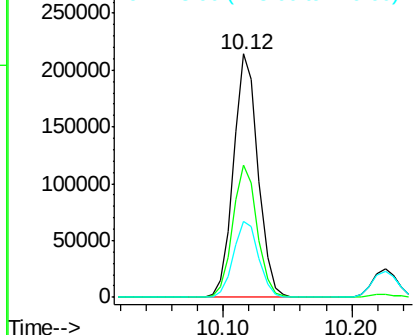
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:117 Resp: 284506
Ion Ratio Lower Upper
117 100
82 54.1 45.0 67.4
119 31.4 25.8 38.6

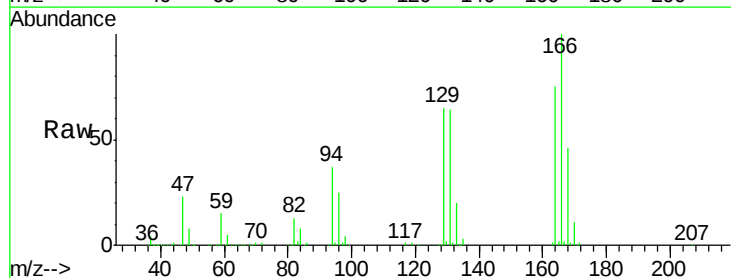


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

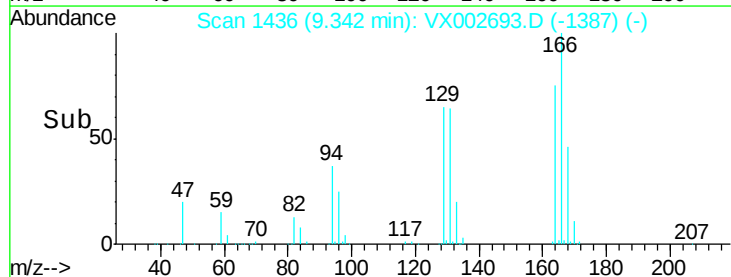
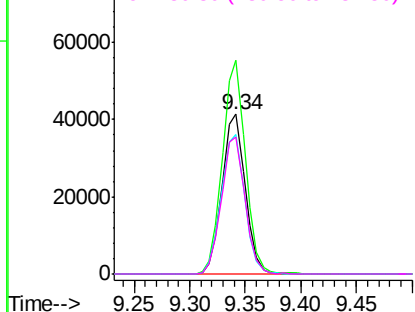


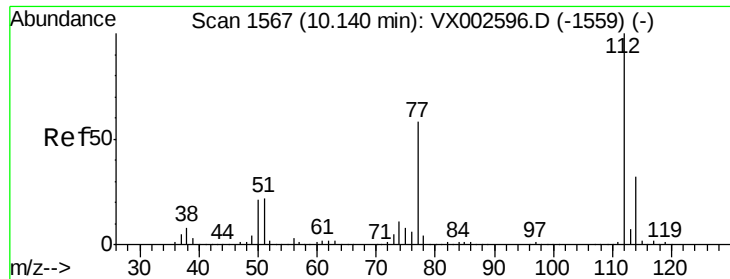
#64
Tetrachloroethene
Concen: 18.99 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

Tgt Ion:164 Resp: 59988
Ion Ratio Lower Upper
164 100
166 134.0 102.9 154.3
129 87.2 68.6 102.8
131 85.7 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

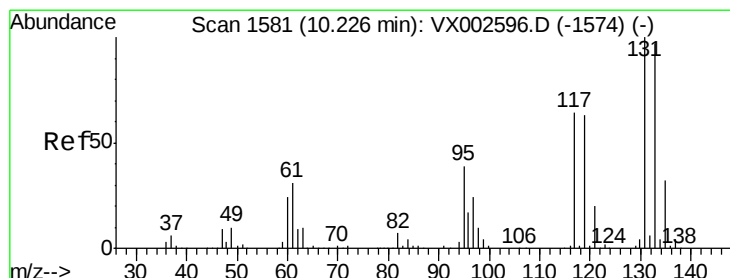
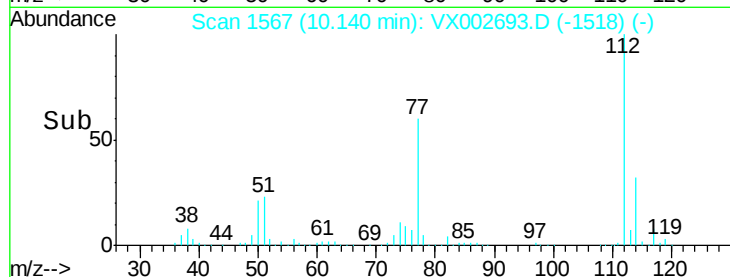
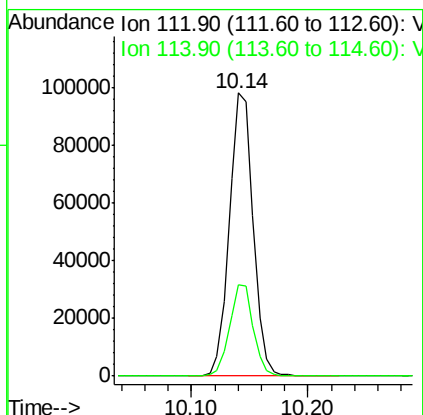
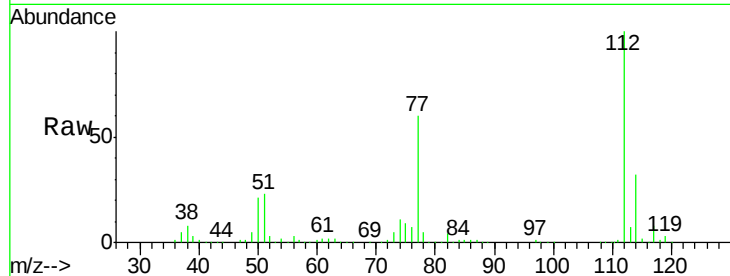




#65
Chlorobenzene
Concen: 19.95 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

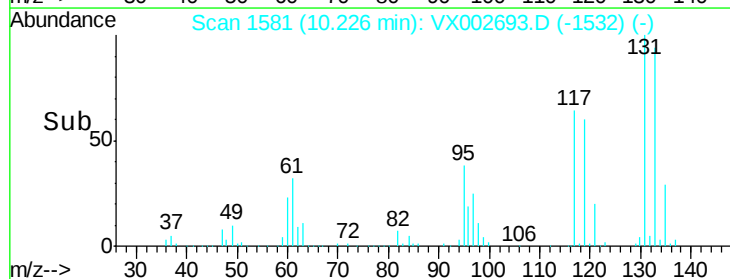
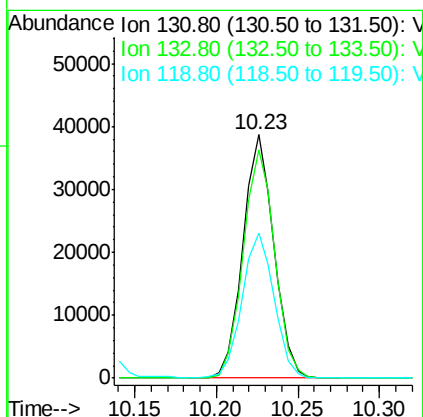
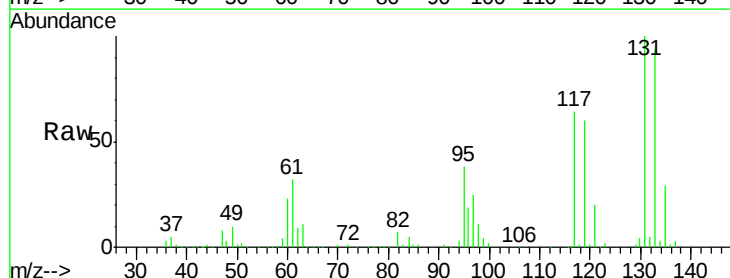
Instrument :
MSVOA_X
ClientSampleId :

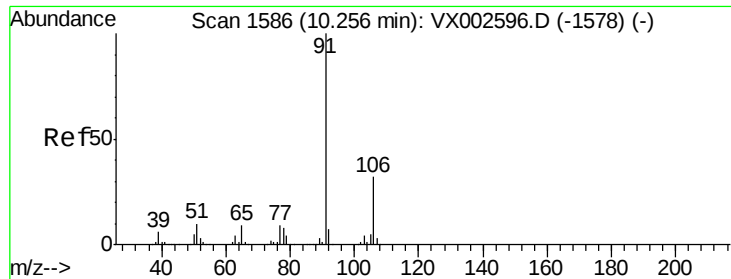
Tot Ion:112 Resp: 139407
Ion Ratio Lower Upper
112 100
114 32.3 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 21.45 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

Tgt Ion:131 Resp: 51106
Ion Ratio Lower Upper
131 100
133 95.5 47.9 143.6
119 61.8 31.8 95.3





#67

Ethyl Benzene

Concen: 19.87 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

Instrument :

MSVOA_X

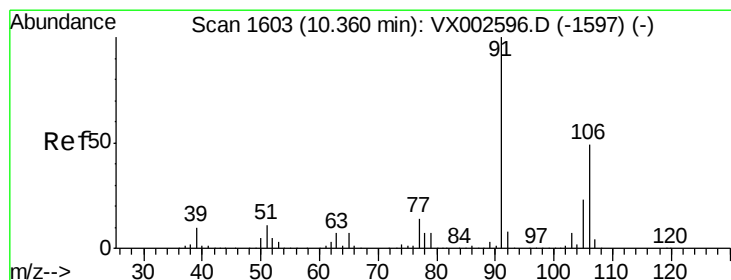
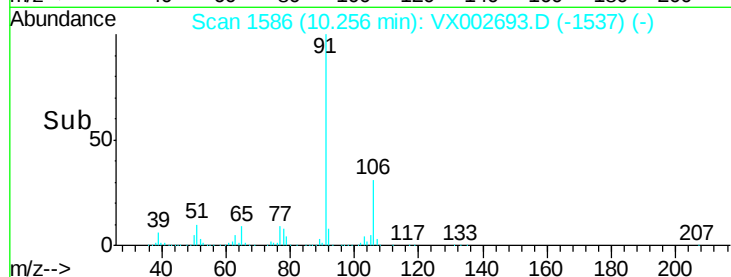
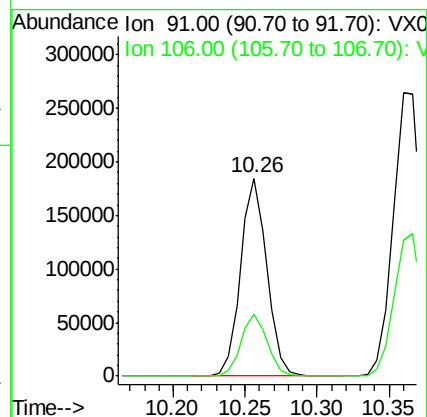
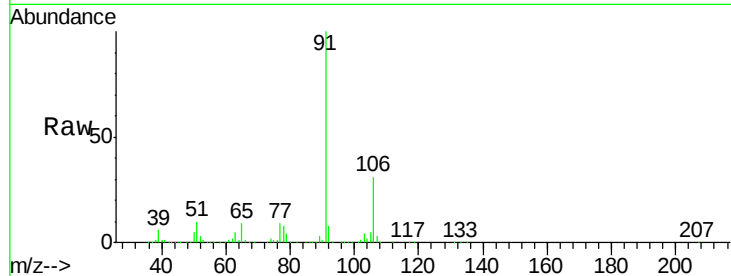
ClientSampled :

Tot Ion: 91 Resp: 234196

Ion Ratio Lower Upper

91 100

106 31.4 25.5 38.3



#68

m/p-Xylenes

Concen: 39.85 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VX002693.D

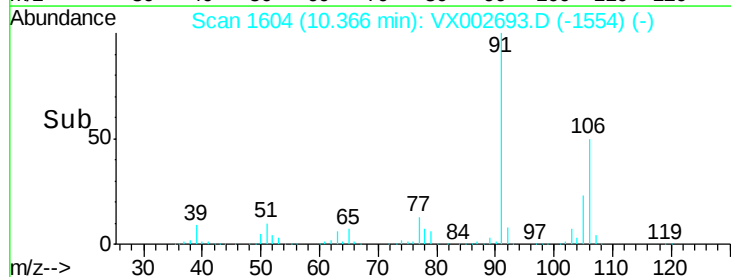
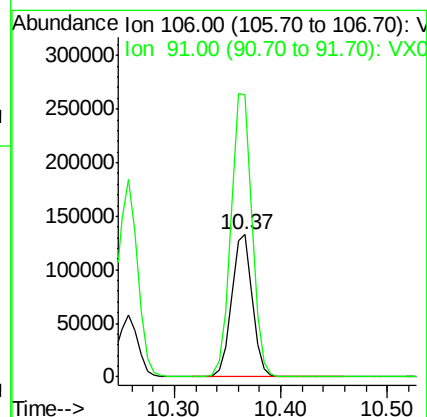
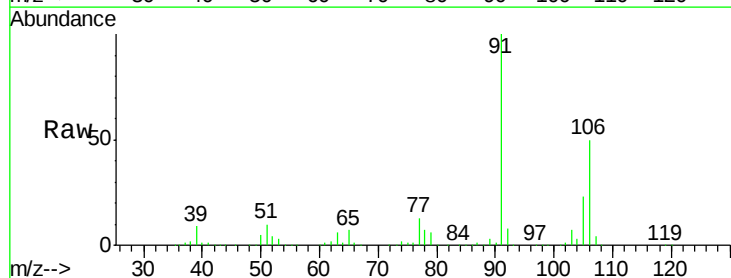
Acq: 18 Jun 2018 22:21

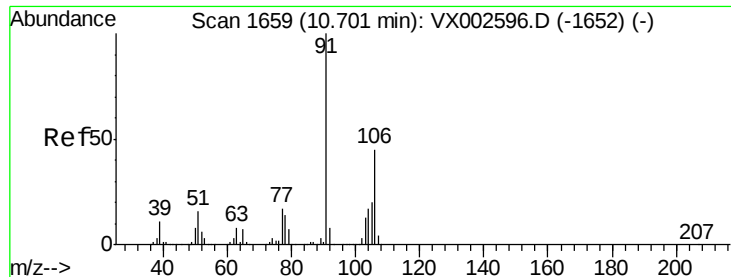
Tgt Ion: 106 Resp: 181172

Ion Ratio Lower Upper

106 100

91 203.0 163.4 245.2

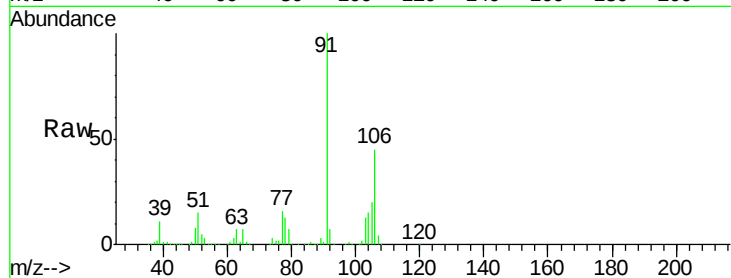




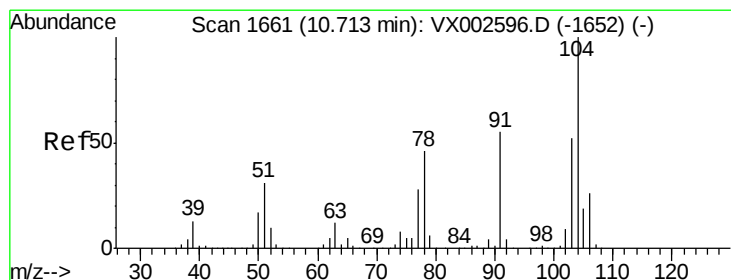
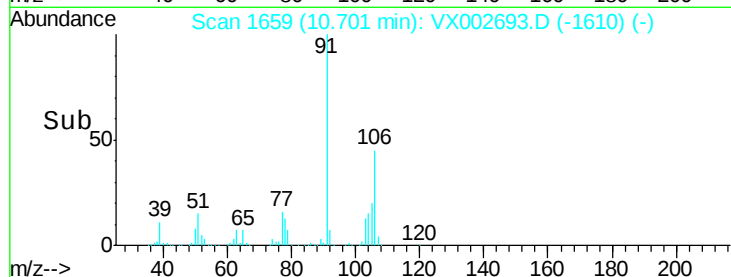
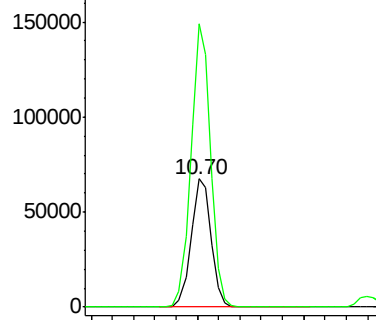
#69
o-Xylene
Concen: 19.64 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 87734
Ion Ratio Lower Upper
106 100
91 216.6 108.2 324.6

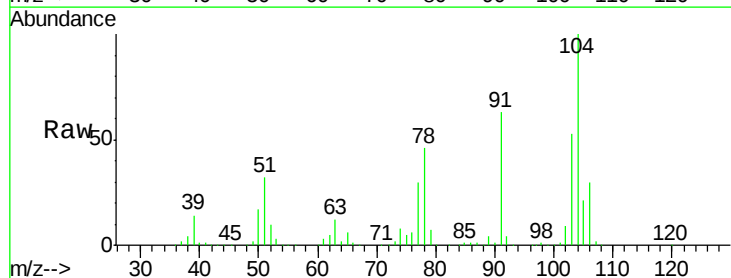


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

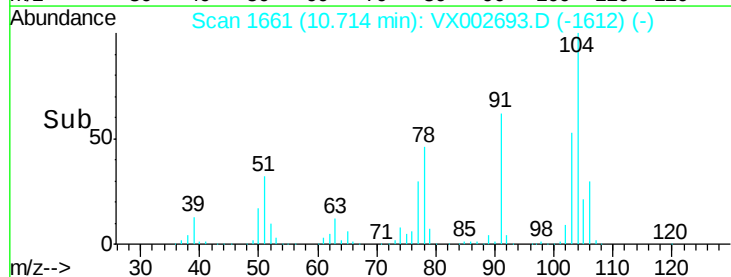
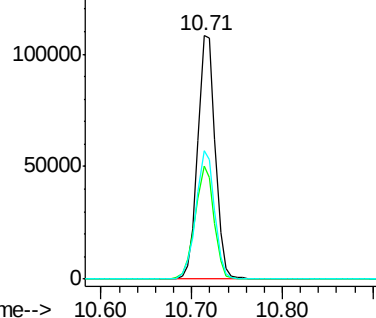


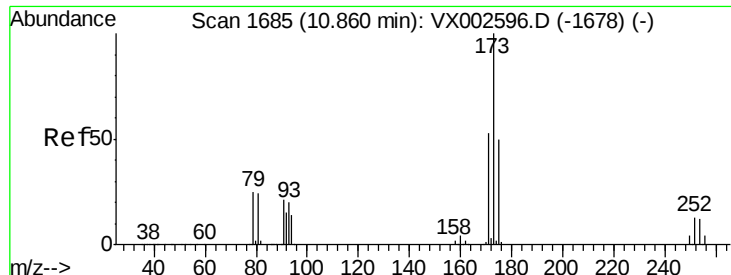
#70
Styrene
Concen: 19.86 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

Tgt Ion:104 Resp: 145912
Ion Ratio Lower Upper
104 100
78 50.1 41.0 61.6
103 56.1 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

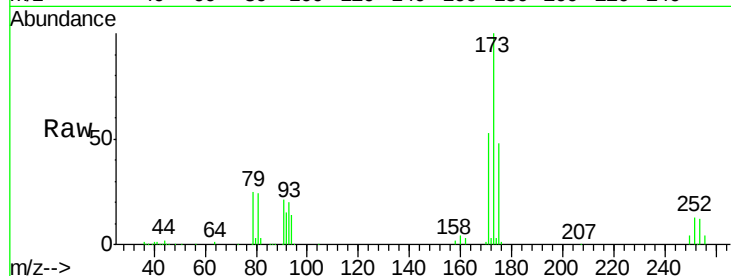




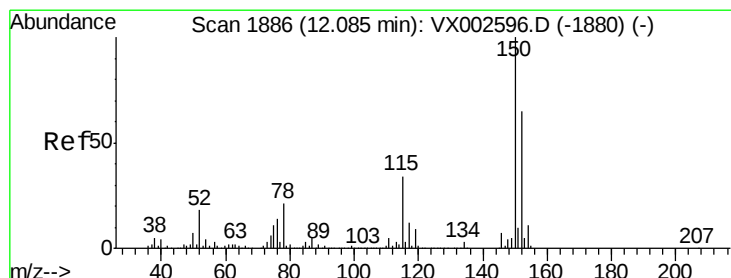
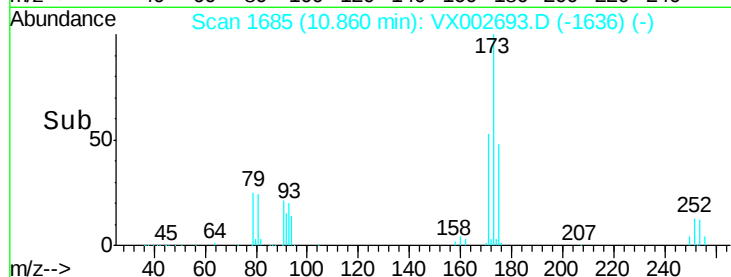
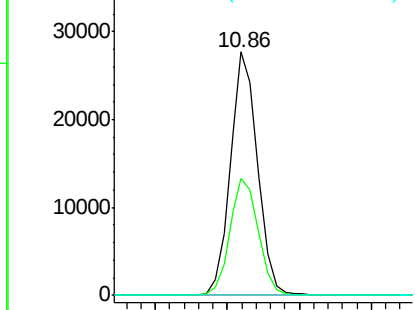
#71
Bromoform
Concen: 20.01 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 36413
Ion Ratio Lower Upper
173 100
175 50.2 24.7 74.1
254 0.0 0.2 0.2#

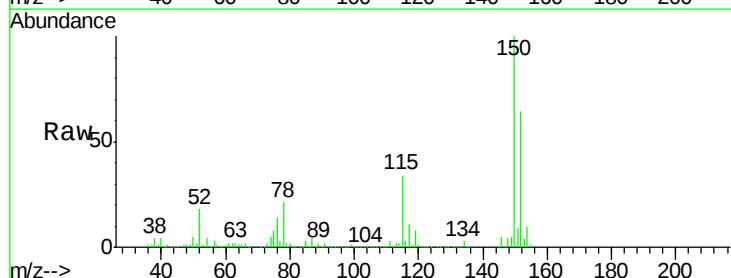


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

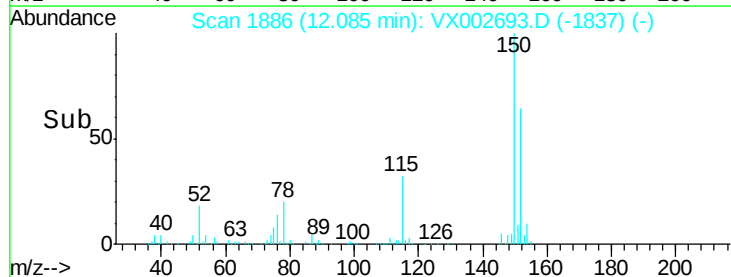
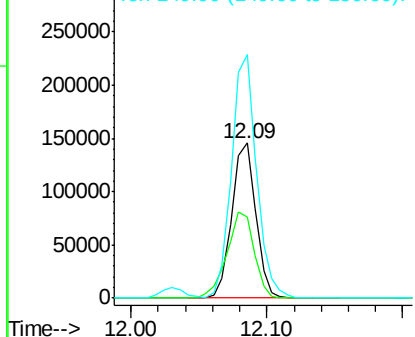


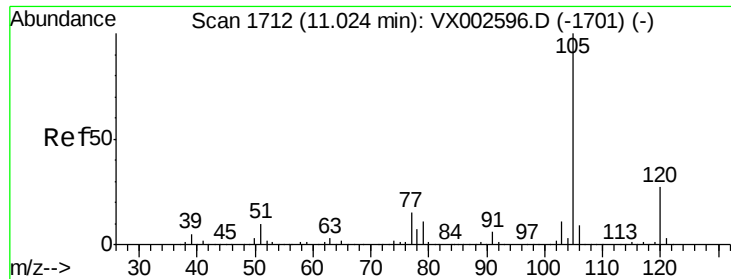
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

Tgt Ion:152 Resp: 178486
Ion Ratio Lower Upper
152 100
115 62.9 40.1 120.2
150 163.6 0.0 347.2



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 20.24 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

Instrument :

MSVOA_X

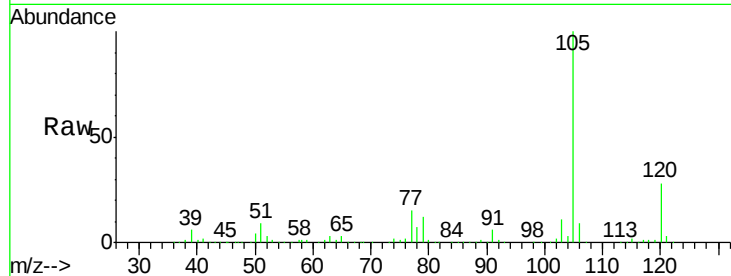
ClientSampleId :

Tot Ion:105 Resp: 241634

Ion Ratio Lower Upper

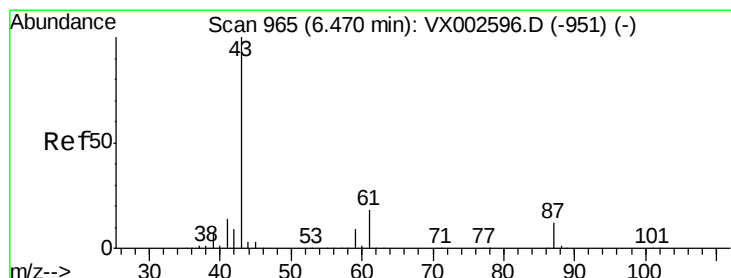
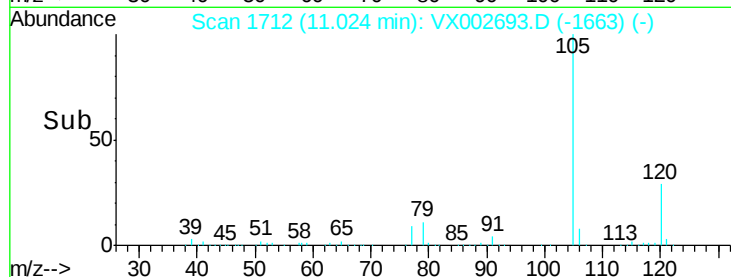
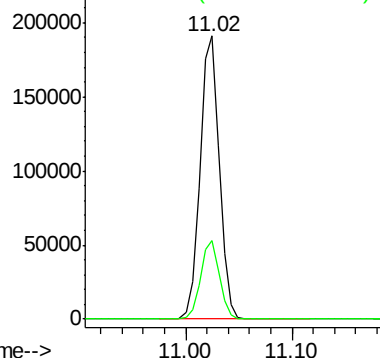
105 100

120 27.2 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: 20.12 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

Tgt Ion: 43 Resp: 119324

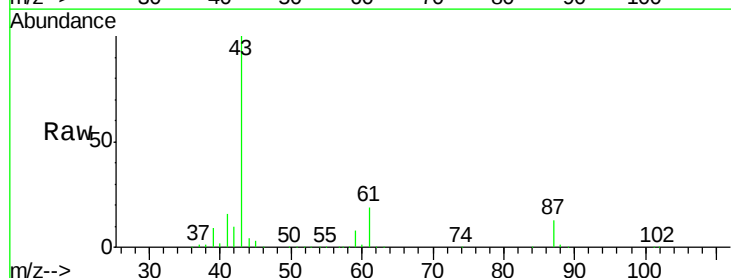
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.5 14.4 21.6

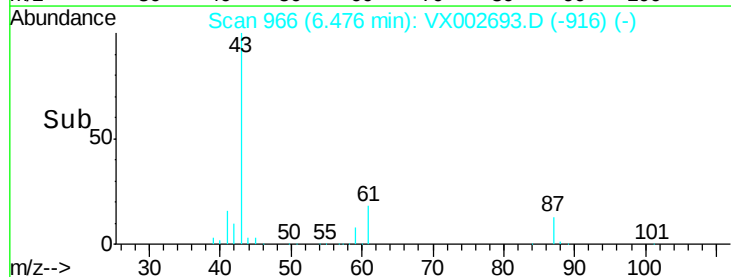
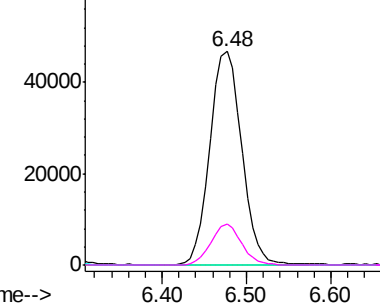


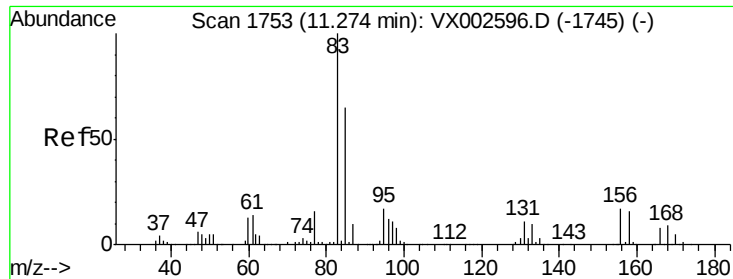
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 22.06 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

Instrument :

MSVOA_X

ClientSampleId :

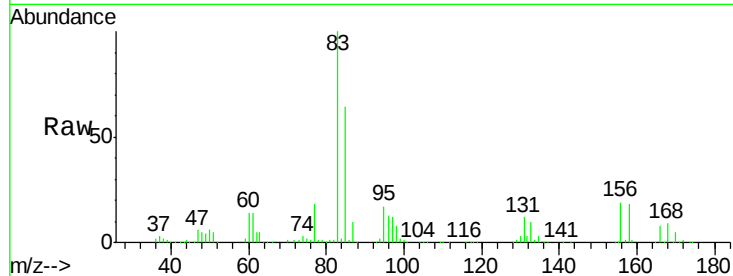
Tot Ion: 83 Resp: 77751

Ion Ratio Lower Upper

83 100

131 11.3 5.6 16.8

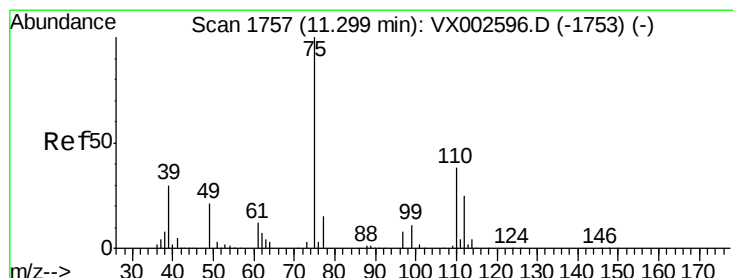
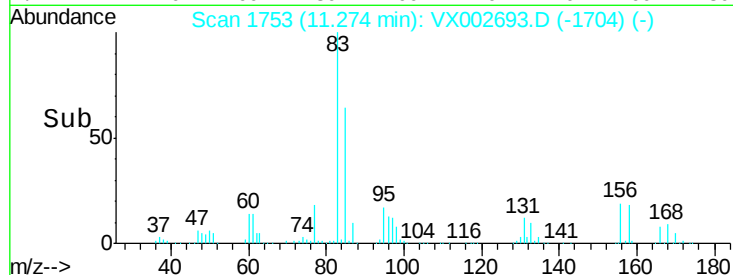
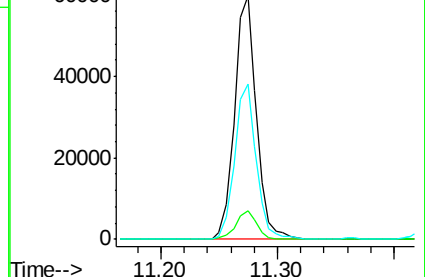
85 63.3 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX002693.D (-1704) (-)

Ion 130.80 (130.50 to 131.50): VX002693.D (-1704) (-)

Ion 84.90 (84.60 to 85.60): VX002693.D (-1704) (-)



#76

1,2,3-Trichloropropane

Concen: 24.58 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002693.D

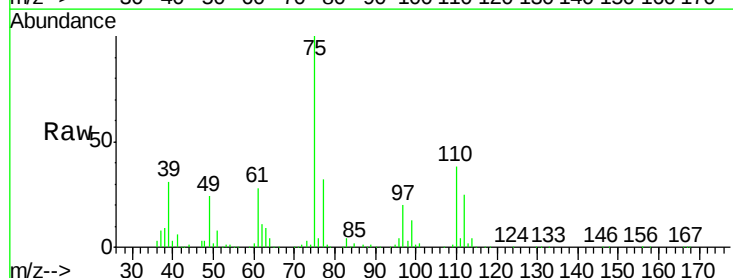
Acq: 18 Jun 2018 22:21

Tgt Ion: 75 Resp: 82788

Ion Ratio Lower Upper

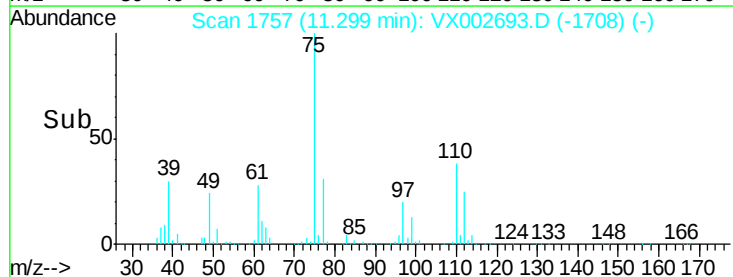
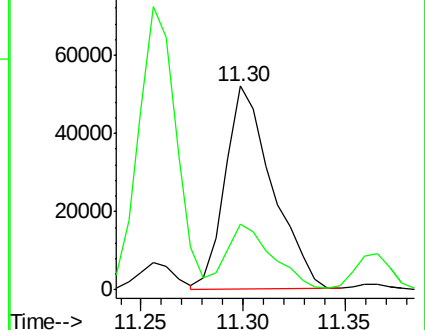
75 100

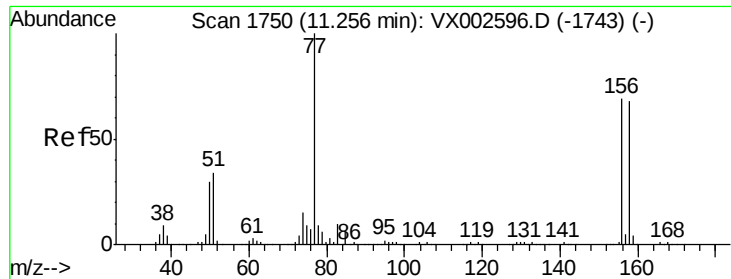
77 32.2 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX002693.D (-1708) (-)

Ion 77.00 (76.70 to 77.70): VX002693.D (-1708) (-)





#77

Bromobenzene

Concen: 20.09 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

Instrument :

MSVOA_X

ClientSampleId :

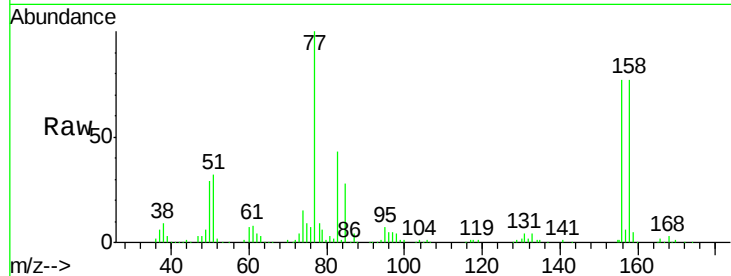
Tot Ion:156 Resp: 66814

Ion Ratio Lower Upper

156 100

77 138.5 71.4 214.2

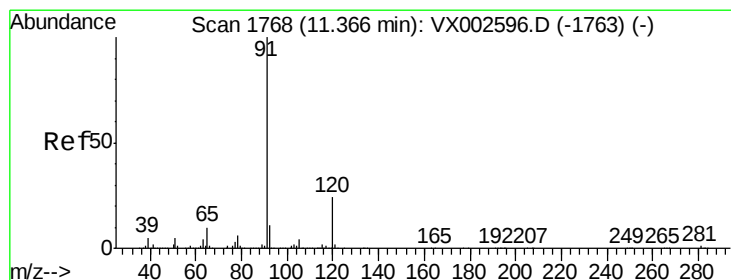
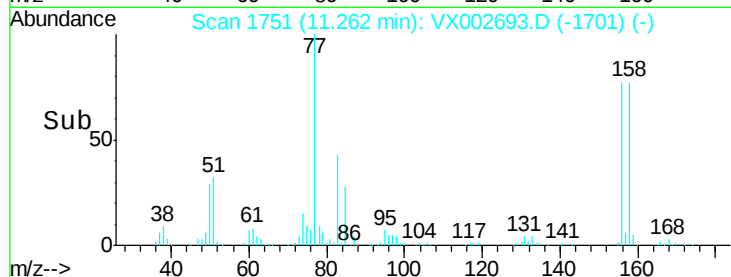
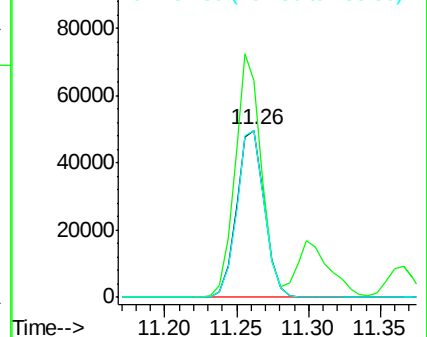
158 98.9 48.9 146.6



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: 19.92 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002693.D

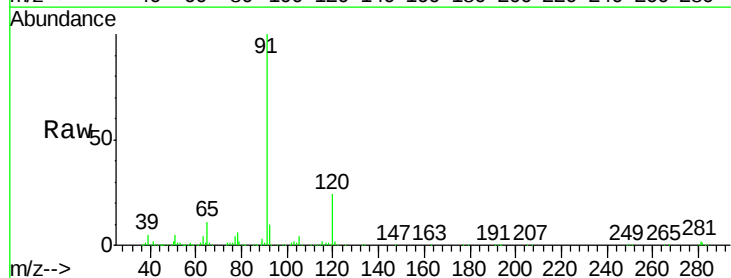
Acq: 18 Jun 2018 22:21

Tgt Ion: 91 Resp: 272701

Ion Ratio Lower Upper

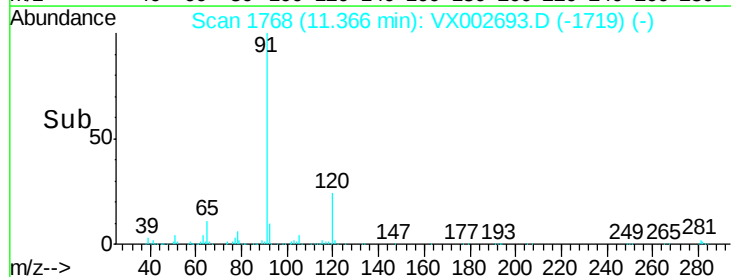
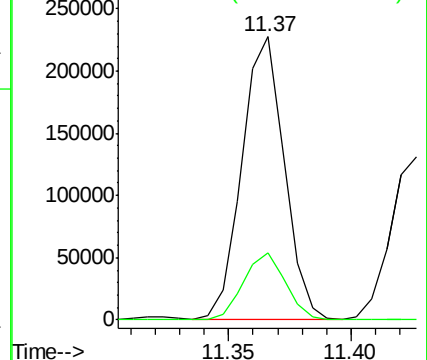
91 100

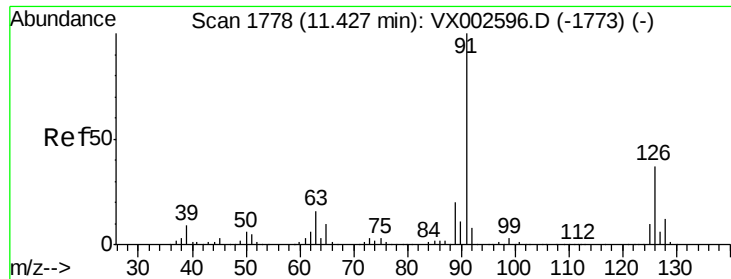
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.90 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

Instrument :

MSVOA_X

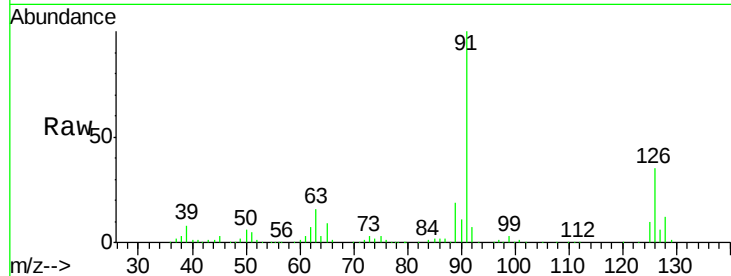
ClientSampled :

Tot Ion: 91 Resp: 162653

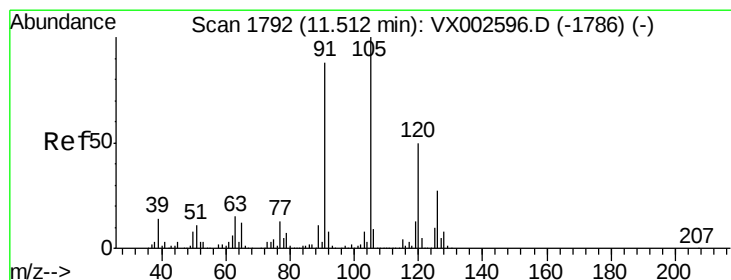
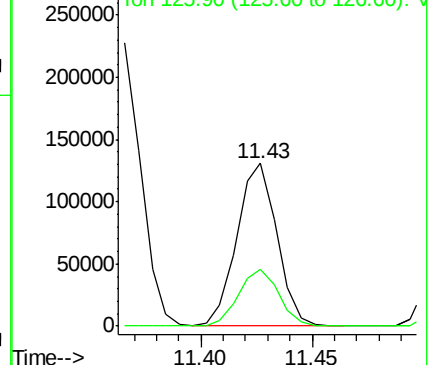
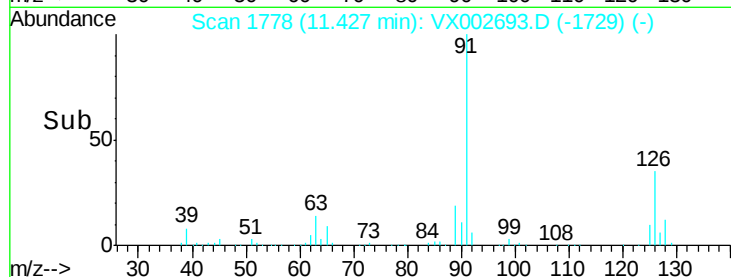
Ion Ratio Lower Upper

91 100

126 35.3 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX002693.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 20.15 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002693.D

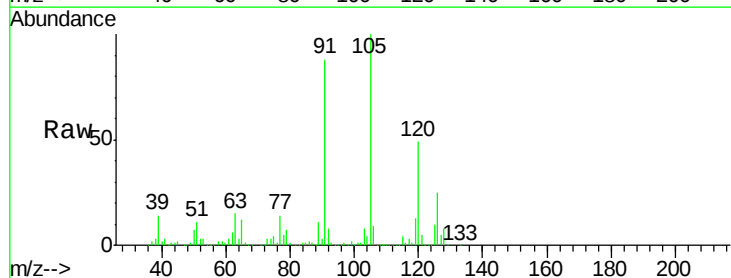
Acq: 18 Jun 2018 22:21

Tgt Ion: 105 Resp: 203311

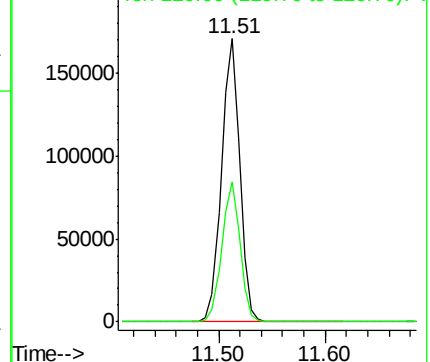
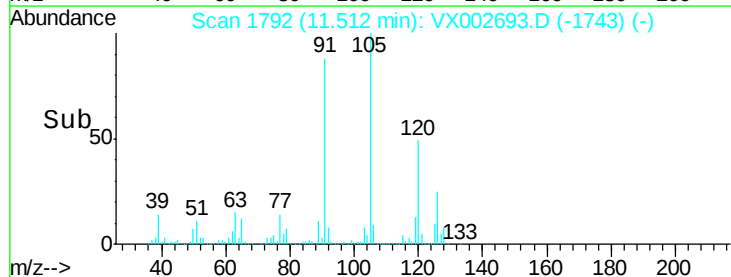
Ion Ratio Lower Upper

105 100

120 49.2 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002693.D (-1743) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 17.88 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

Instrument :

MSVOA_X

ClientSampleId :

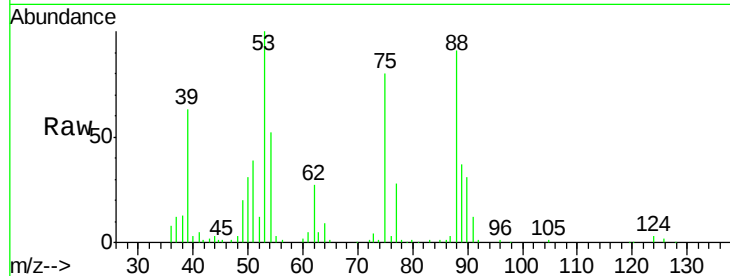
Tot Ion: 75 Resp: 15728

Ion Ratio Lower Upper

75 100

53 122.9 86.8 130.2

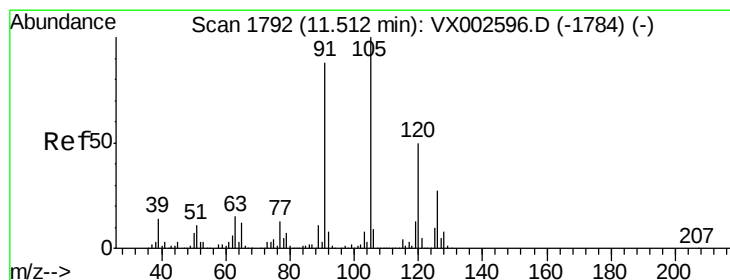
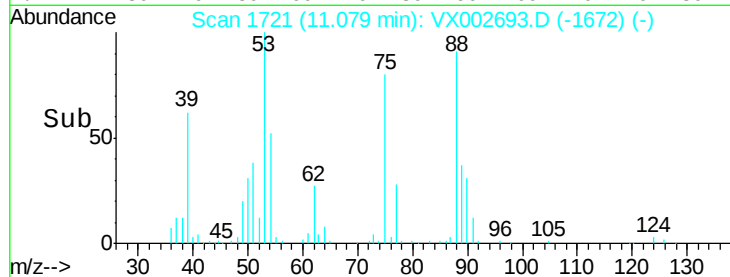
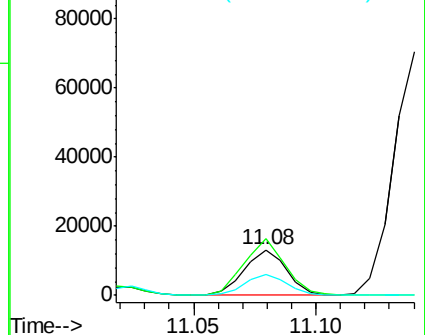
89 47.5 38.2 57.2



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: 19.85 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002693.D

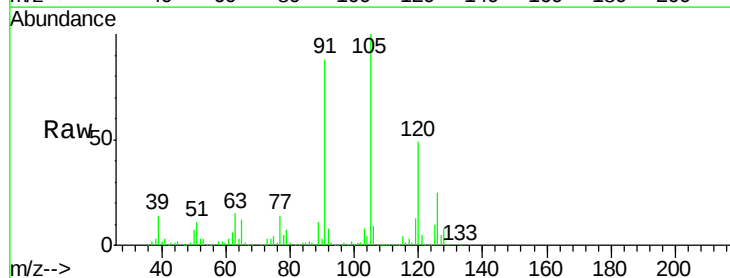
Acq: 18 Jun 2018 22:21

Tgt Ion: 91 Resp: 191495

Ion Ratio Lower Upper

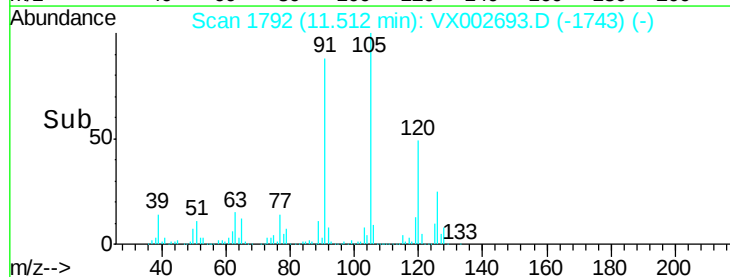
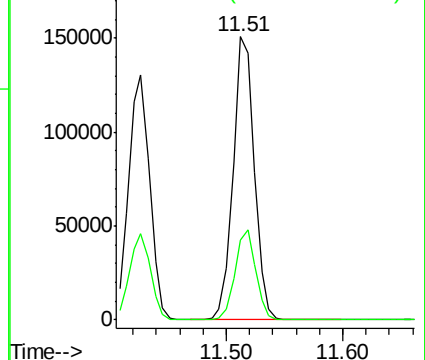
91 100

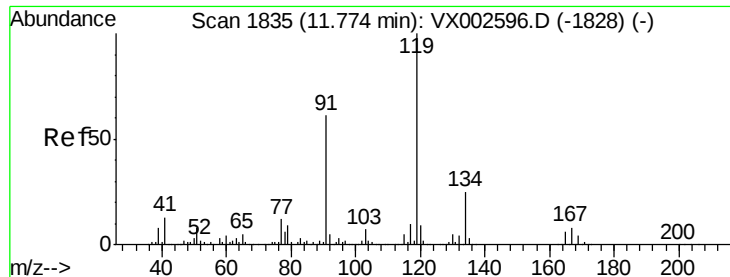
126 31.1 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

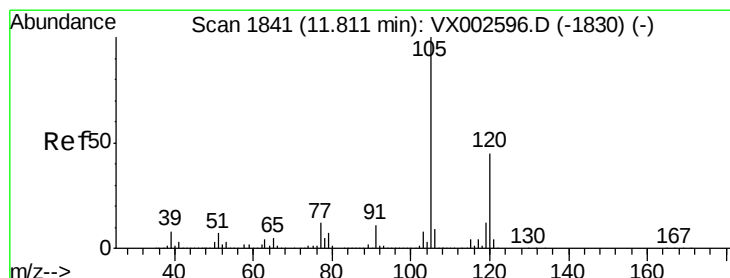
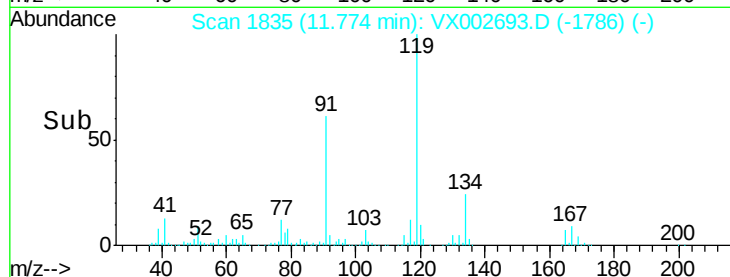
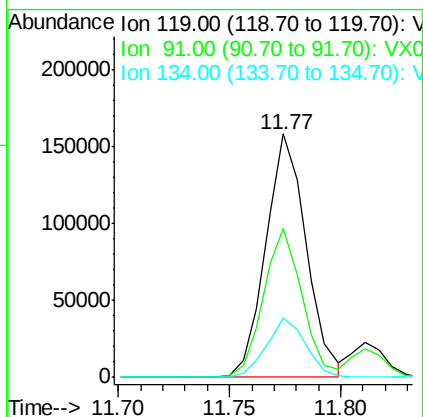
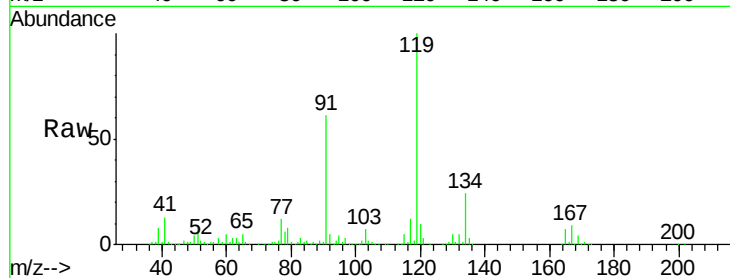




#83
tert-Butylbenzene
Concen: 20.56 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

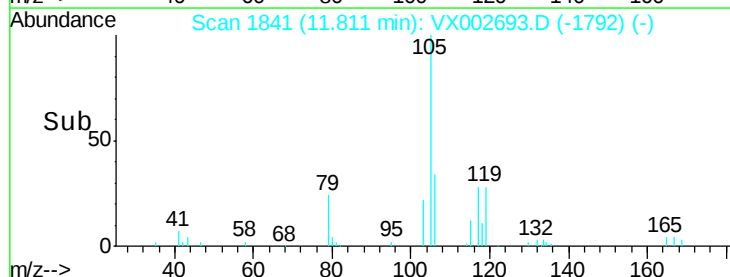
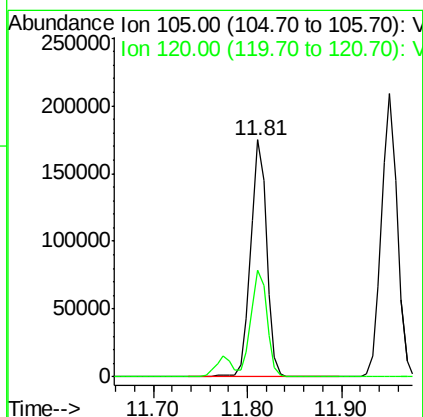
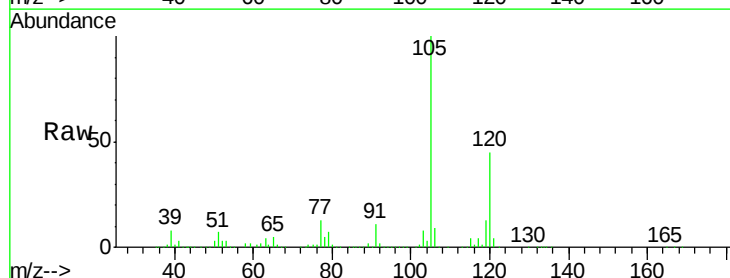
Instrument :
MSVOA_X
ClientSampleId :

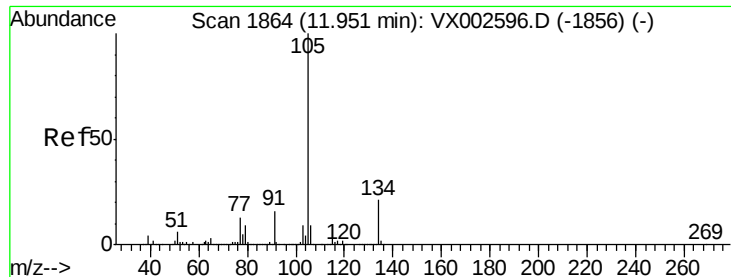
Tot Ion:119 Resp: 199780
Ion Ratio Lower Upper
119 100
91 58.7 30.3 90.9
134 23.8 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 20.33 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002693.D
Acq: 18 Jun 2018 22:21

Tgt Ion:105 Resp: 209322
Ion Ratio Lower Upper
105 100
120 45.5 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.27 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

Instrument :

MSVOA_X

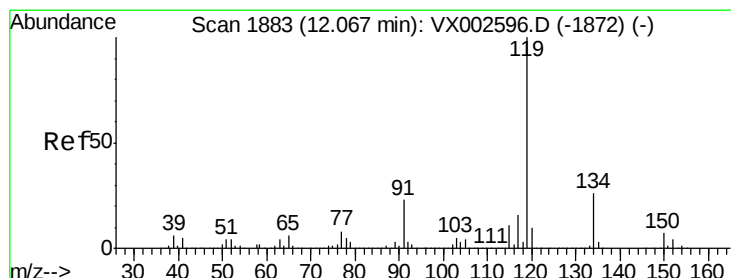
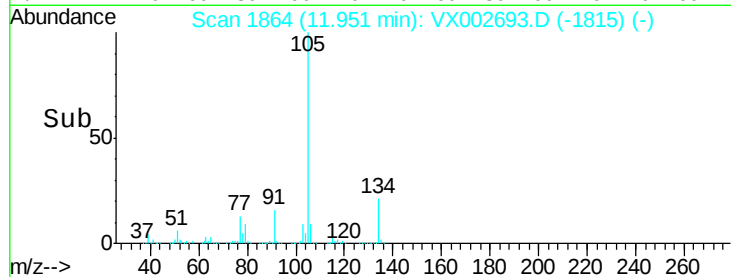
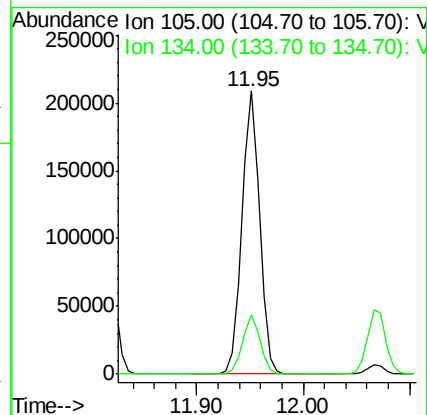
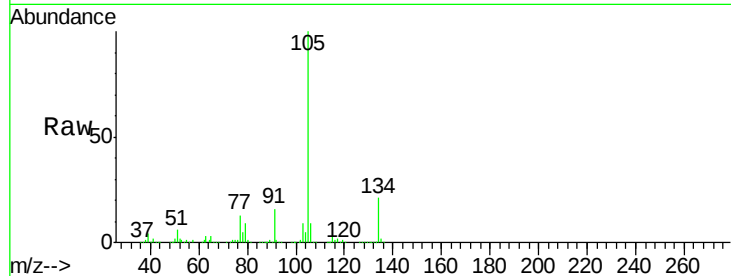
ClientSampleId :

Tot Ion:105 Resp: 244894

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1



#86

p-Isopropyltoluene

Concen: 20.10 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

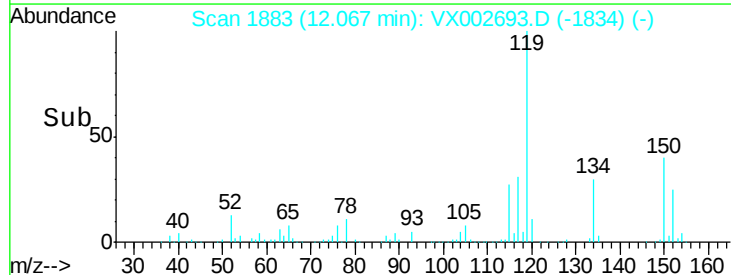
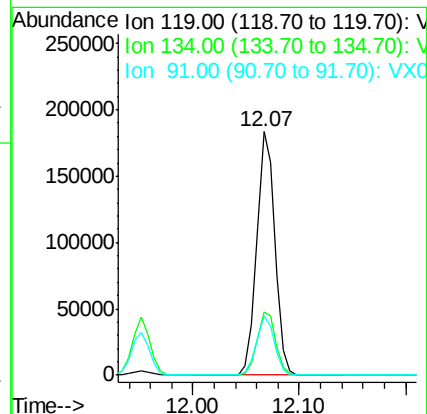
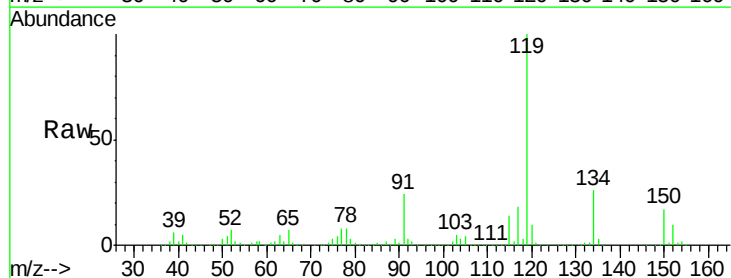
Tgt Ion:119 Resp: 219729

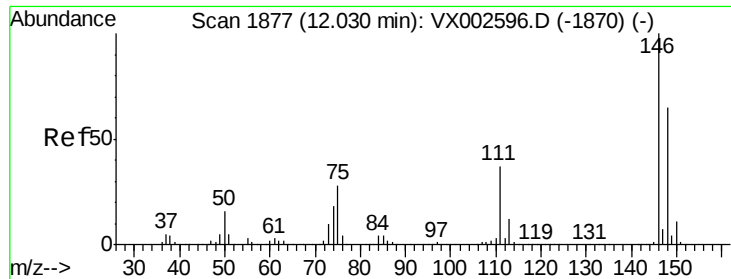
Ion Ratio Lower Upper

119 100

134 26.6 13.4 40.1

91 24.2 11.9 35.7





#87

1,3-Dichlorobenzene

Concen: 19.89 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

Instrument :

MSVOA_X

ClientSampleId :

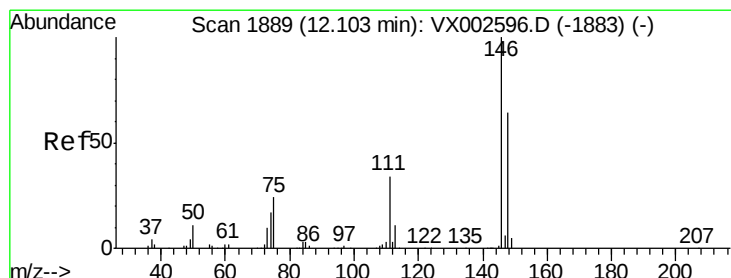
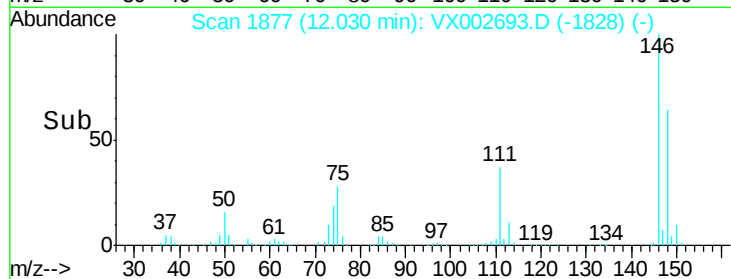
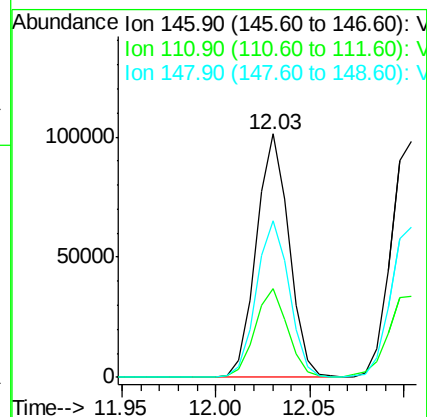
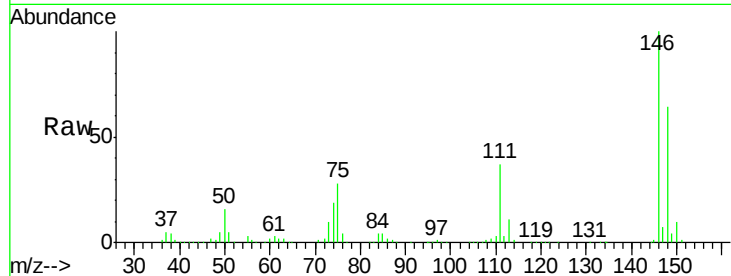
Tot Ion:146 Resp: 121315

Ion Ratio Lower Upper

146 100

111 36.8 18.9 56.7

148 64.9 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 19.63 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

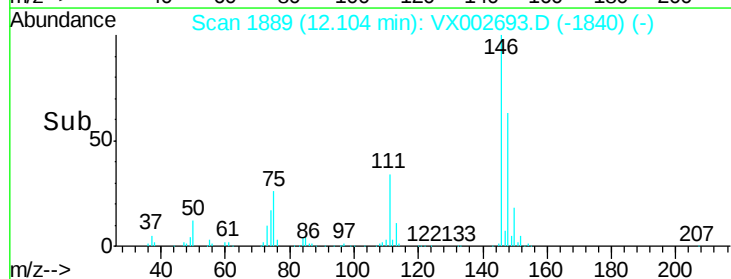
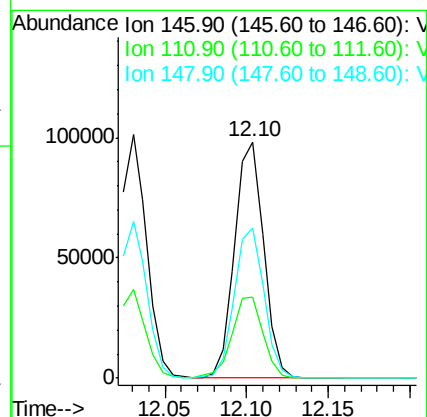
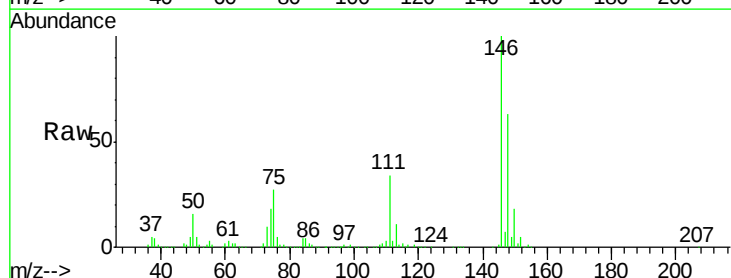
Tgt Ion:146 Resp: 121842

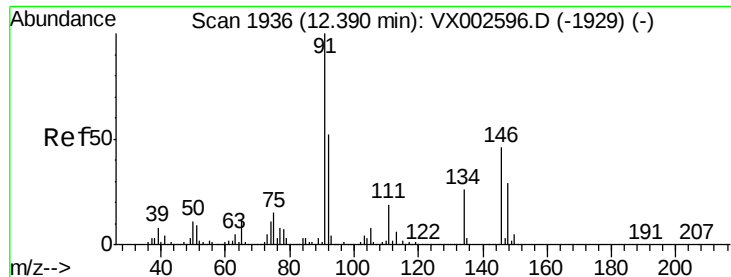
Ion Ratio Lower Upper

146 100

111 37.1 18.7 56.1

148 65.1 32.4 97.0





#89

n-Butylbenzene

Concen: 18.82 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

Instrument :

MSVOA_X

ClientSampleId :

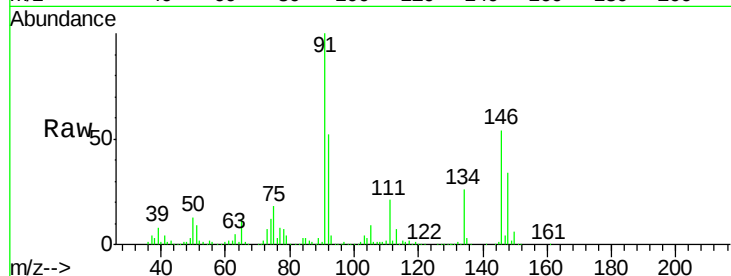
Tot Ion: 91 Resp: 181484

Ion Ratio Lower Upper

91 100

92 52.0 26.0 78.0

134 27.2 13.5 40.5

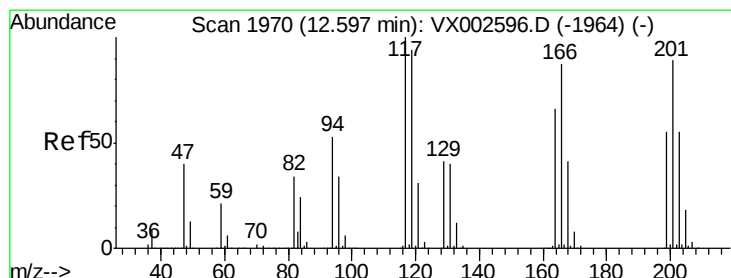
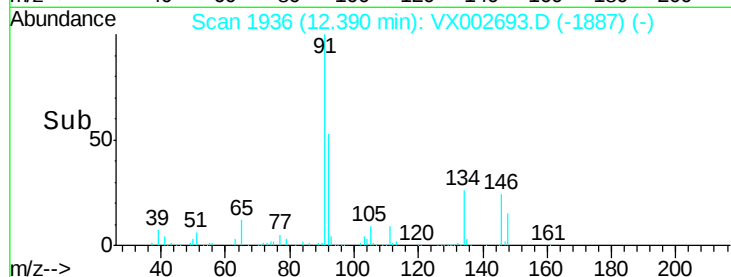


Abundance Ion 91.00 (90.70 to 91.70): VX002596.D (-1929) (-)

Ion 92.00 (91.70 to 92.70): VX002596.D (-1929) (-)

Ion 134.00 (133.70 to 134.70): VX002596.D (-1929) (-)

Time-->



#90

Hexachloroethane

Concen: 18.94 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VX002693.D

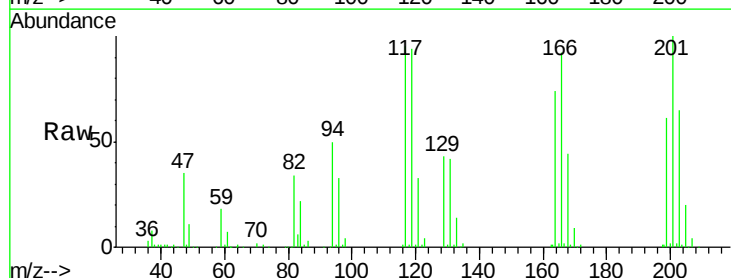
Acq: 18 Jun 2018 22:21

Tgt Ion: 117 Resp: 29346

Ion Ratio Lower Upper

117 100

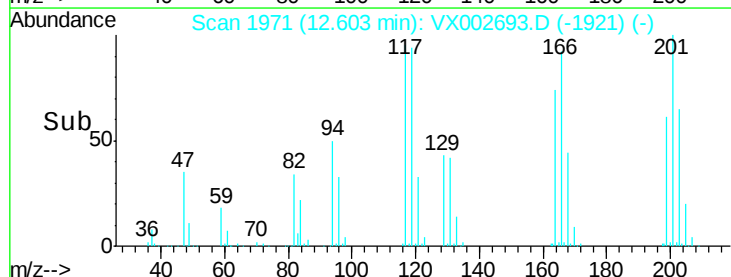
201 100.3 49.0 147.0

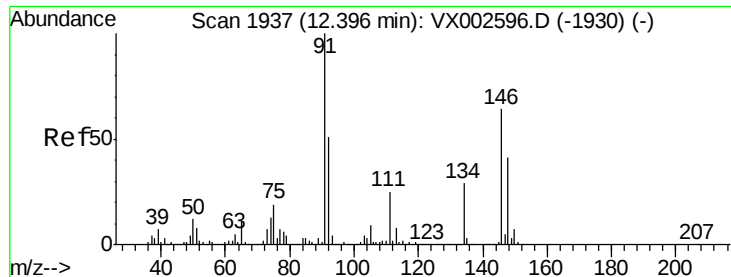


Abundance Ion 116.80 (116.50 to 117.50): VX002596.D (-1964) (-)

Ion 200.70 (200.40 to 201.40): VX002596.D (-1964) (-)

Time-->





#91

1,2-Dichlorobenzene

Concen: 20.47 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

Instrument :

MSVOA_X

ClientSampleId :

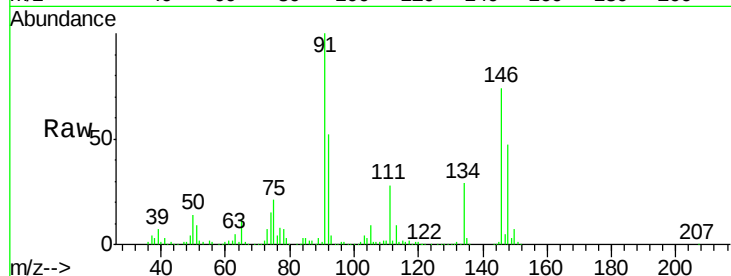
Tot Ion:146 Resp: 125664

Ion Ratio Lower Upper

146 100

111 37.7 19.4 58.1

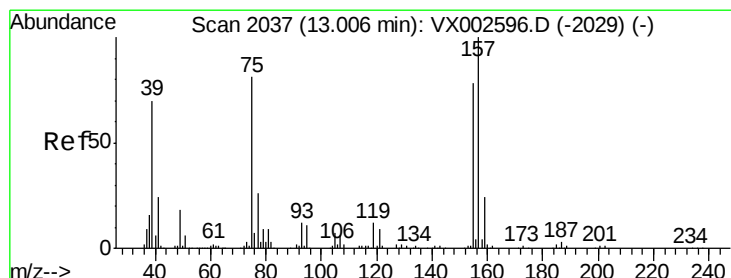
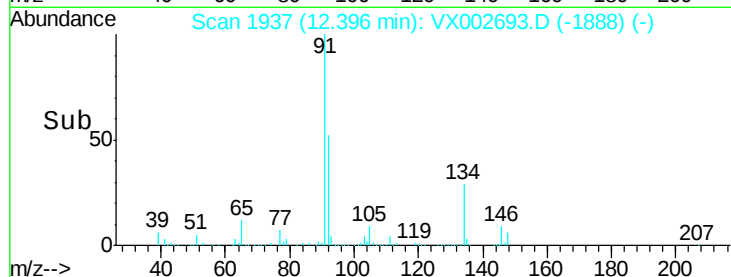
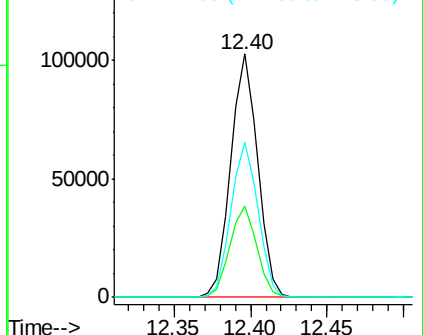
148 64.0 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 21.43 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

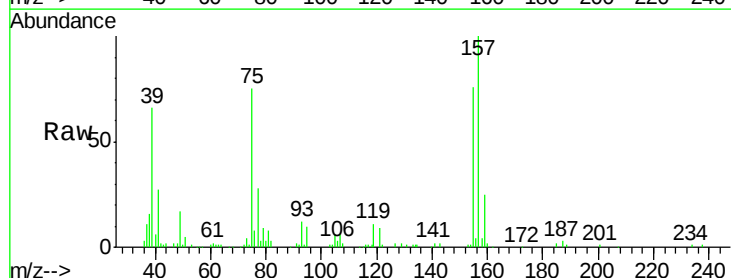
Tgt Ion: 75 Resp: 15821

Ion Ratio Lower Upper

75 100

155 97.2 45.8 137.4

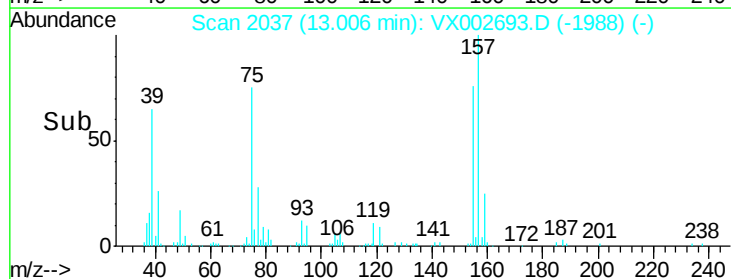
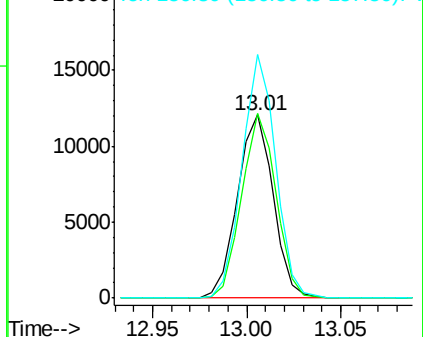
157 125.7 60.1 180.3

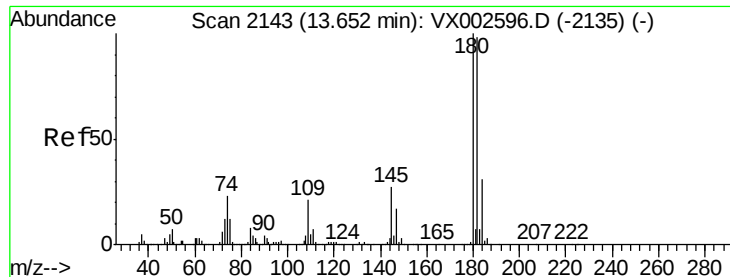


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

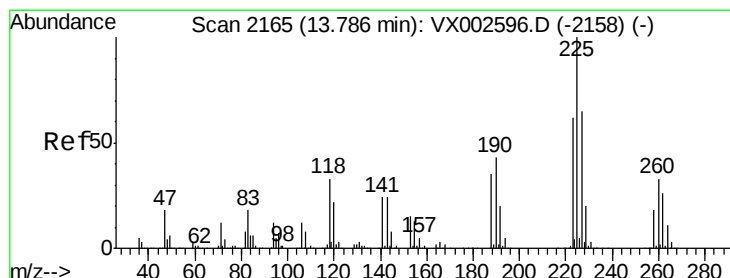
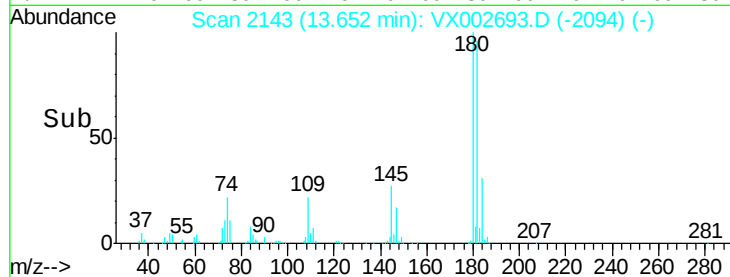
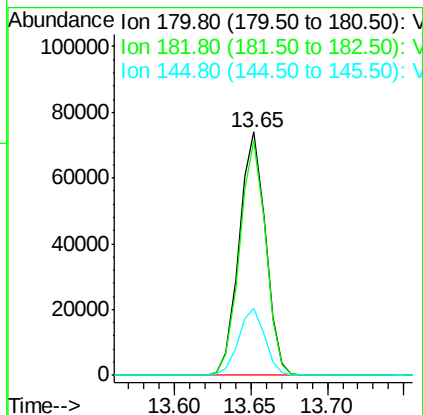
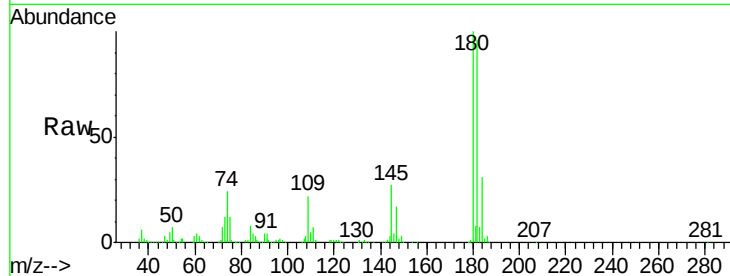




#93
 1,2,4-Trichlorobenzene
 Concen: 19.87 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002693.D
 Acq: 18 Jun 2018 22:21

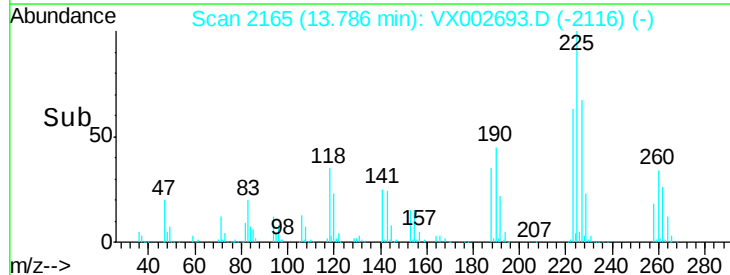
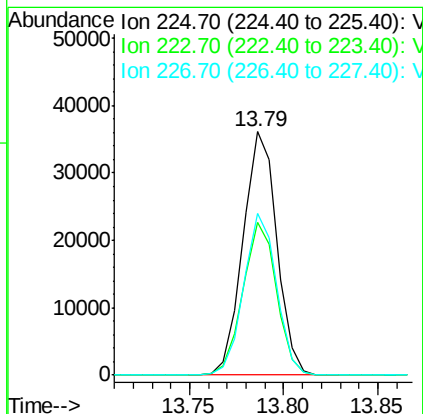
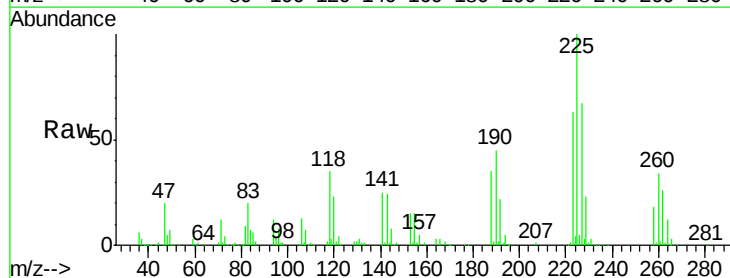
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 88527
 Ion Ratio Lower Upper
 180 100
 182 95.1 47.7 143.1
 145 27.4 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 19.14 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002693.D
 Acq: 18 Jun 2018 22:21

Tgt Ion:225 Resp: 44914
 Ion Ratio Lower Upper
 225 100
 223 62.3 31.6 95.0
 227 64.4 32.4 97.2





#95

Naphthalene

Concen: 21.25 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

Instrument :

MSVOA_X

ClientSampled :

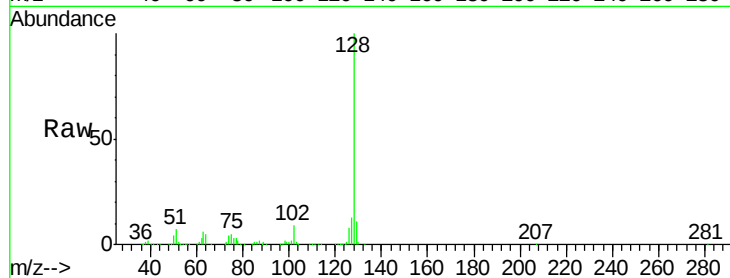
Tot Ion:128 Resp: 254692

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

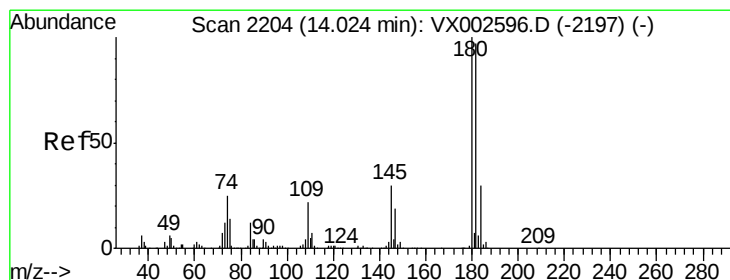
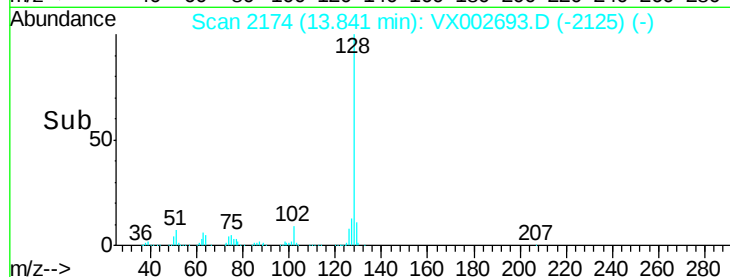
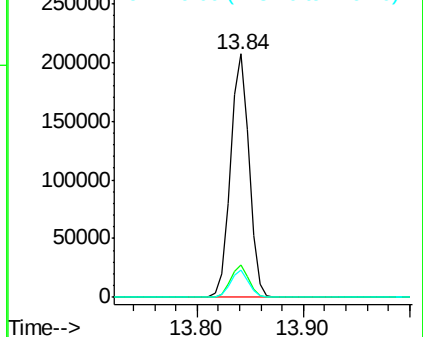
129 10.8 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.68 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002693.D

Acq: 18 Jun 2018 22:21

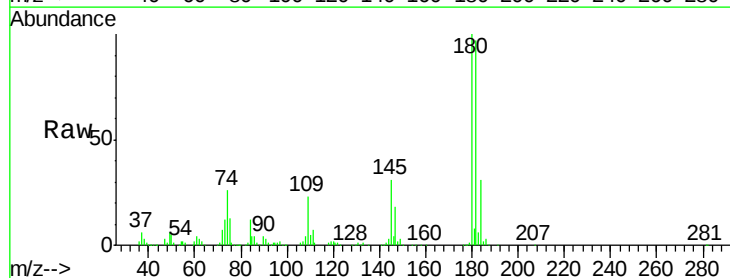
Tgt Ion:180 Resp: 92538

Ion Ratio Lower Upper

180 100

182 95.6 48.0 144.0

145 29.6 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

