

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
 Data File : VX002691.D
 Acq On : 18 Jun 2018 21:01
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 19 05:08:44 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	219211	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	311510	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	194210	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	156859	47.09	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.18%	
35) Dibromofluoromethane	5.51	113	127259	51.19	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.38%	
50) Toluene-d8	8.72	98	474015	50.21	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.42%	
62) 4-Bromofluorobenzene	11.14	95	181078	50.62	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	98109	42.16	ug/l	98
3) Chloromethane	1.32	50	106672	38.53	ug/l	99
4) Vinyl Chloride	1.40	62	120624	41.99	ug/l	98
5) Bromomethane	1.64	94	60739	35.04	ug/l	100
6) Chloroethane	1.71	64	82069	43.35	ug/l	100
7) Trichlorofluoromethane	1.92	101	224518	48.11	ug/l	95
8) Diethyl Ether	2.19	74	81287	45.79	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	126074	48.33	ug/l	99
10) Methyl Iodide	2.51	142	95714	29.55	ug/l	99
11) Tert butyl alcohol	3.09	59	169430	246.03	ug/l	98
12) 1,1-Dichloroethene	2.37	96	110161	44.97	ug/l	96
13) Acrolein	2.30	56	48737	153.68	ug/l	98
14) Allyl chloride	2.73	41	221982	45.64	ug/l	99
15) Acrylonitrile	3.15	53	369634	245.98	ug/l	100
16) Acetone	2.45	43	350240	238.31	ug/l	100
17) Carbon Disulfide	2.57	76	271751	46.78	ug/l	99
18) Methyl Acetate	2.78	43	201684	51.51	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	430642	46.87	ug/l	99
20) Methylene Chloride	2.86	84	127470	42.30	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	118999	44.78	ug/l	96
22) Diisopropyl ether	3.88	45	448120	50.93	ug/l	98
23) Vinyl Acetate	3.83	43	1957478	265.80	ug/l	99
24) 1,1-Dichloroethane	3.70	63	238713	49.99	ug/l	99
25) 2-Butanone	4.72	43	503457	260.85	ug/l	99
26) 2,2-Dichloropropane	4.59	77	145455	42.39	ug/l	97
27) cis-1,2-Dichloroethene	4.60	96	129233	47.80	ug/l	94
28) Bromochloromethane	5.03	49	108077	48.32	ug/l	96
29) Tetrahydrofuran	5.18	42	325082	256.99	ug/l	97
30) Chloroform	5.22	83	231283	50.22	ug/l	97
31) Cyclohexane	5.57	56	187216	47.61	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	201162	52.23	ug/l	100
36) 1,1-Dichloropropene	5.80	75	162195	49.03	ug/l	99
37) Ethyl Acetate	4.87	43	193881	51.78	ug/l	99
38) Carbon Tetrachloride	5.79	117	178368	54.14	ug/l	100

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Quant Time: Jun 19 05:08:44 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)
39) Methylcyclohexane	7.46	83	193472	50.02	ug/l	99
40) Benzene	6.15	78	484350	48.82	ug/l	99
41) Methacrylonitrile	5.07	41	109931	51.99	ug/l	98
42) 1,2-Dichloroethane	6.21	62	193895	50.48	ug/l	100
43) Isopropyl Acetate	6.48	43	315997	50.93	ug/l	99
44) Trichloroethene	7.22	130	140381	49.03	ug/l	100
45) 1,2-Dichloropropane	7.52	63	127891	48.98	ug/l	99
46) Dibromomethane	7.67	93	90111	51.60	ug/l	98
47) Bromodichloromethane	7.90	83	169975	55.18	ug/l	98
48) Methyl methacrylate	7.79	41	163588	51.60	ug/l	98
49) 1,4-Dioxane	7.76	88	65731	1094.77	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	1059156	265.88	ug/l	99
52) Toluene	8.79	92	316317	49.99	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	192185	47.27	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	180144	46.55	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	133012	52.02	ug/l	98
56) Ethyl methacrylate	9.19	69	204030	51.85	ug/l	98
57) 1,3-Dichloropropane	9.38	76	216056	49.96	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	470696	247.31	ug/l	98
59) 2-Hexanone	9.50	43	819201	272.91	ug/l	98
60) Dibromochloromethane	9.59	129	143699	49.96	ug/l	98
61) 1,2-Dibromoethane	9.68	107	141363	53.38	ug/l	100
64) Tetrachloroethene	9.34	164	157030	47.45	ug/l	99
65) Chlorobenzene	10.14	112	366771	50.10	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	138874	55.64	ug/l	99
67) Ethyl Benzene	10.26	91	630077	51.02	ug/l	100
68) m/p-Xylenes	10.37	106	488198	102.49	ug/l	100
69) o-Xylene	10.70	106	239222	51.11	ug/l	99
70) Styrene	10.71	104	403680	52.45	ug/l	99
71) Bromoform	10.86	173	112522	49.56	ug/l	100
73) Isopropylbenzene	11.02	105	661086	50.90	ug/l	99
74) N-amyl acetate	6.48	43	315997	48.96	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	204142	53.22	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	230713	62.96	ug/l	80
77) Bromobenzene	11.26	156	181279	50.10	ug/l	97
78) n-propylbenzene	11.37	91	752798	50.54	ug/l	100
79) 2-Chlorotoluene	11.43	91	443317	49.85	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	559054	50.93	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	49179	43.53	ug/l	97
82) 4-Chlorotoluene	11.51	91	523918	49.92	ug/l	99
83) tert-Butylbenzene	11.77	119	560462	53.00	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	577462	51.55	ug/l	99
85) sec-Butylbenzene	11.95	105	682610	51.91	ug/l	99
86) p-Isopropyltoluene	12.07	119	614239	51.63	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	333254	50.22	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	334617	49.56	ug/l	100
89) n-Butylbenzene	12.39	91	528717	50.38	ug/l	100
90) Hexachloroethane	12.60	117	89265	48.23	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	337970	50.60	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48198	59.99	ug/l	97

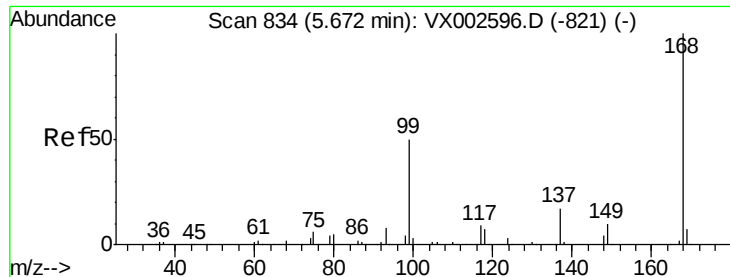
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061818\
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Quant Title : SW846 8260
QLast Update : Sat Jun 16 01:37:33 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	251336	51.85	ug/l	99
94) Hexachlorobutadiene	13.79	225	129073	50.55	ug/l	99
95) Naphthalene	13.84	128	718722	55.10	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	257013	52.79	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: VX002691.D

Acq: 18 Jun 2018 21:01

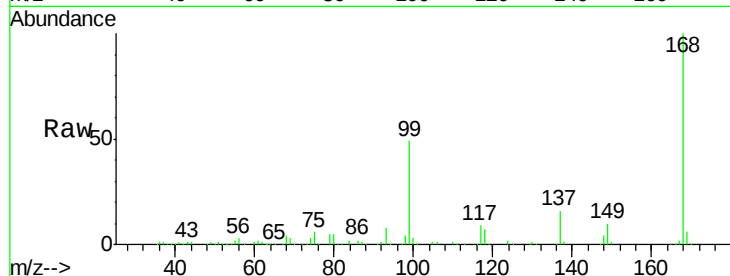
Instrument :
MSVOA_X
ClientSampled :

Tot Ion:168 Resp: 219211

Ion Ratio Lower Upper

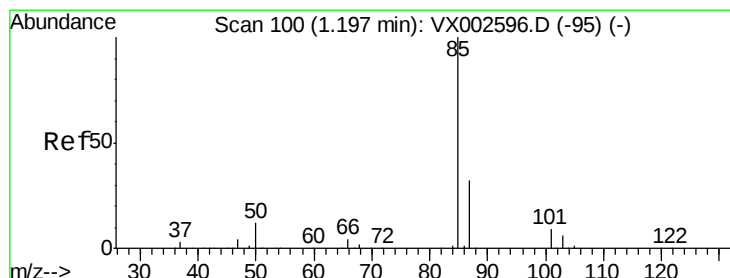
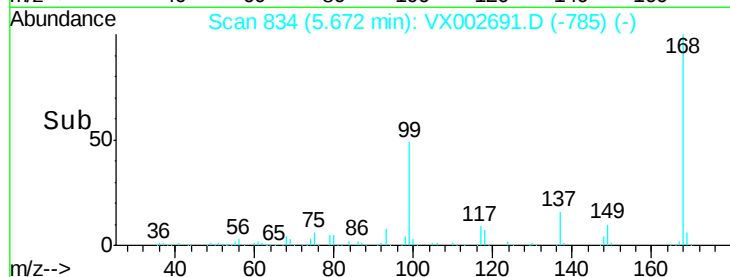
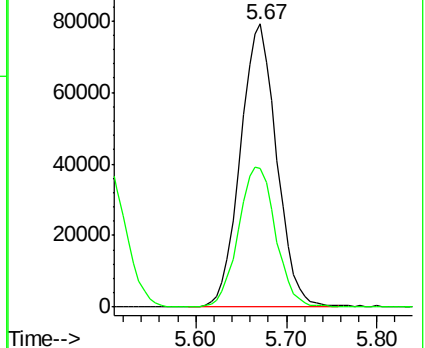
168 100

99 48.8 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 42.16 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002691.D

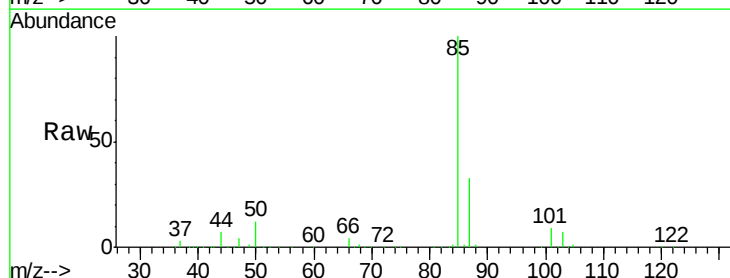
Acq: 18 Jun 2018 21:01

Tgt Ion: 85 Resp: 98109

Ion Ratio Lower Upper

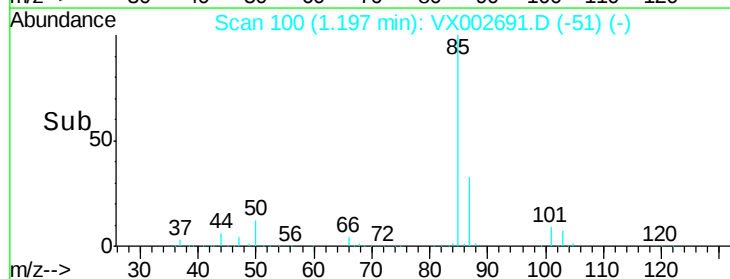
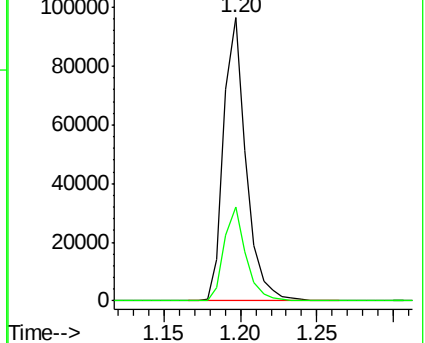
85 100

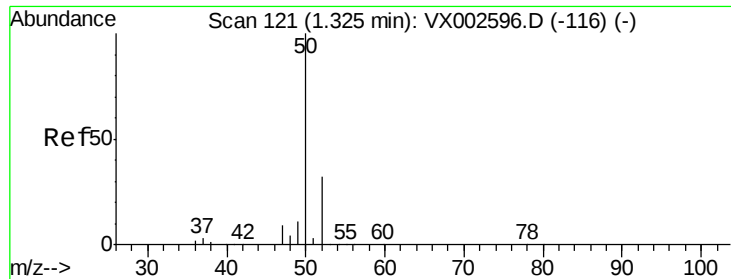
87 33.1 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 38.53 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

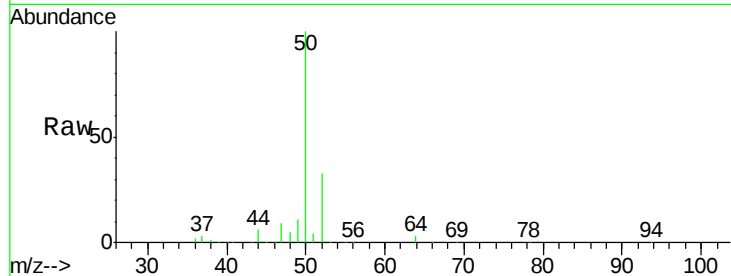
ClientSampled :

Tot Ion: 50 Resp: 106672

Ion Ratio Lower Upper

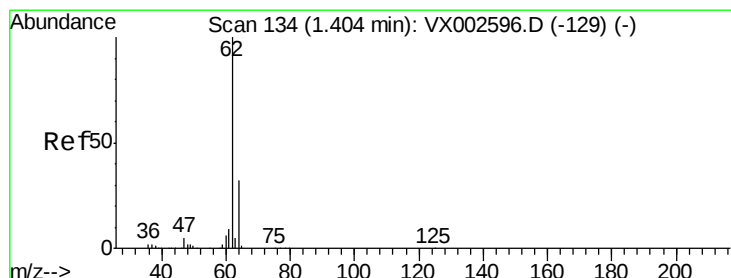
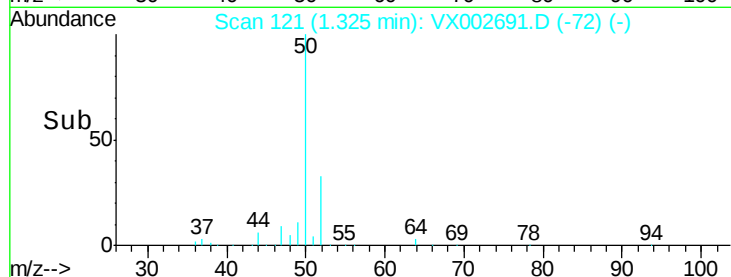
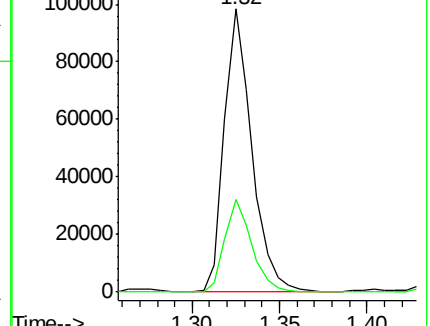
50 100

52 32.6 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 41.99 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002691.D

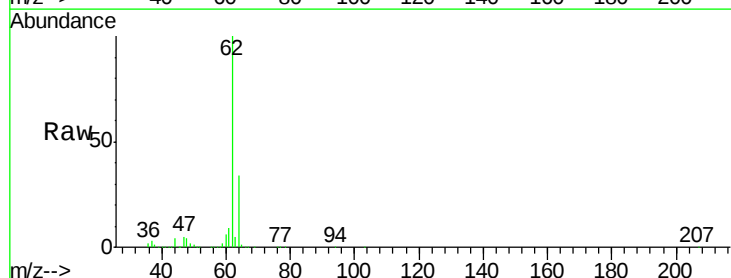
Acq: 18 Jun 2018 21:01

Tgt Ion: 62 Resp: 120624

Ion Ratio Lower Upper

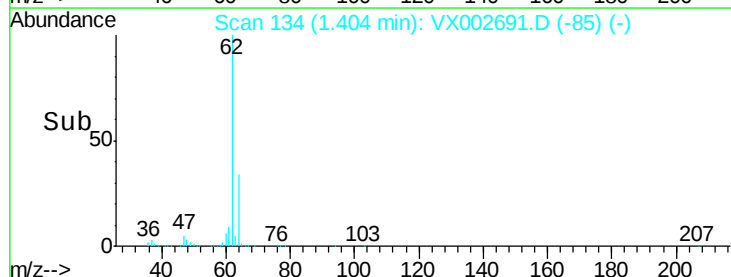
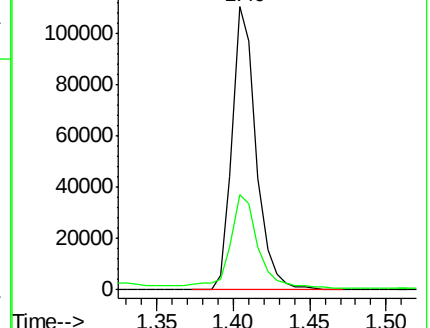
62 100

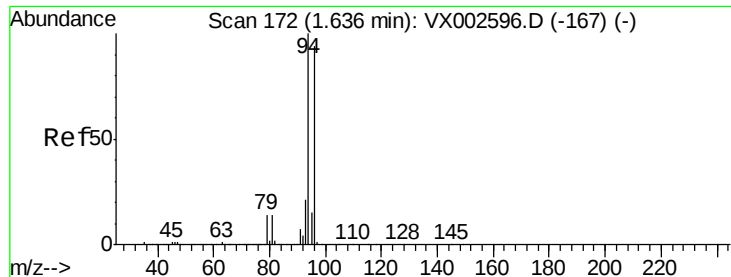
64 33.0 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 35.04 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

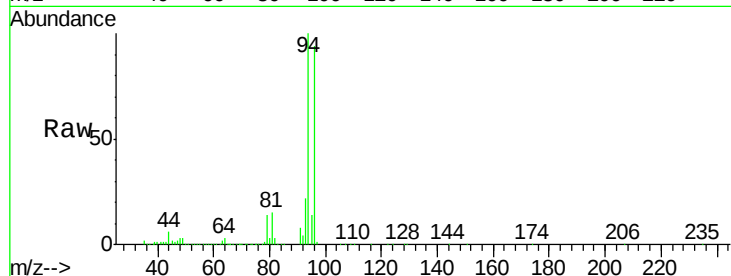
ClientSampleId :

Tot Ion: 94 Resp: 60739

Ion Ratio Lower Upper

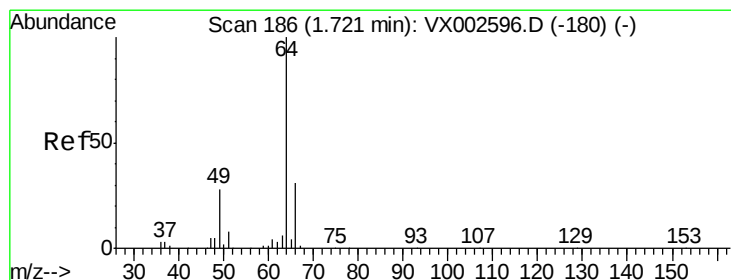
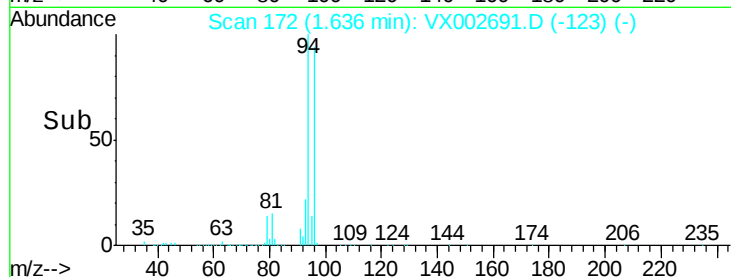
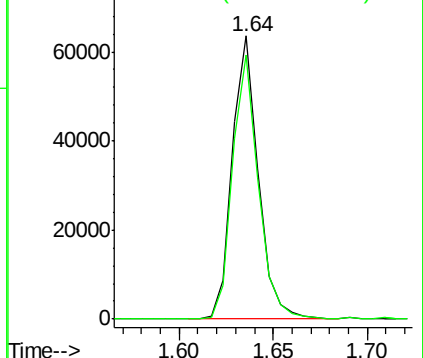
94 100

96 93.5 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 43.35 ug/l

RT: 1.71 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002691.D

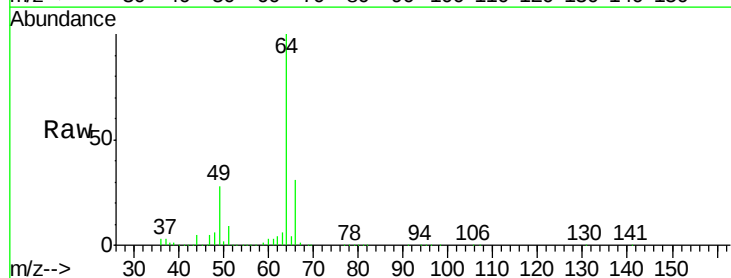
Acq: 18 Jun 2018 21:01

Tgt Ion: 64 Resp: 82069

Ion Ratio Lower Upper

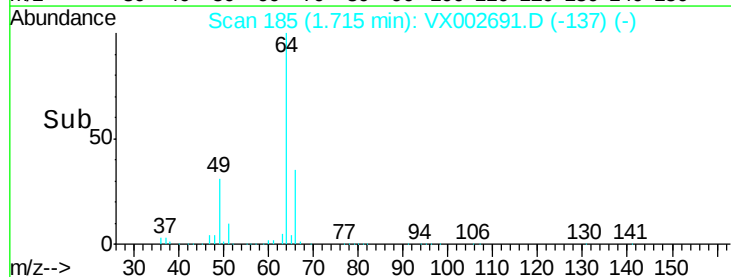
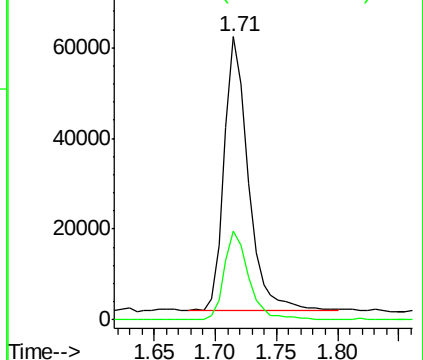
64 100

66 32.1 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



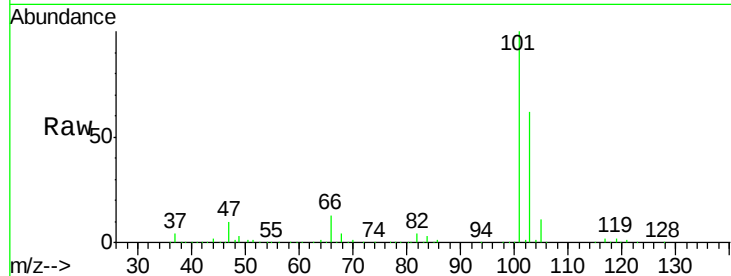


#7

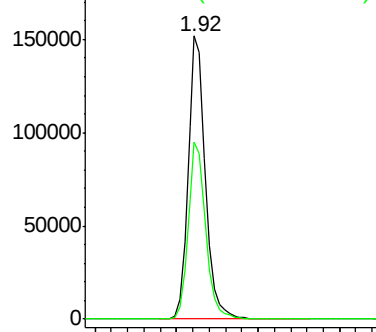
Trichlorofluoromethane
Concen: 48.11 ug/l
RT: 1.92 min Scan# 219
Delta R.T. -0.01 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Instrument :
MSVOA_X
ClientSampleId :

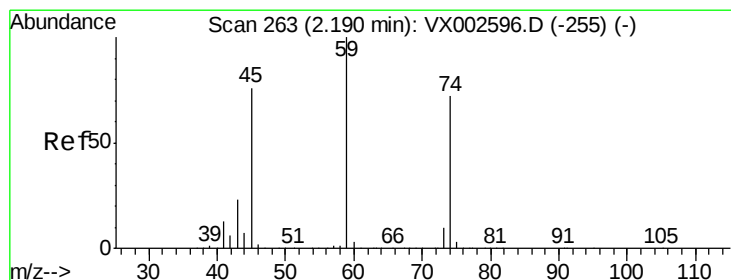
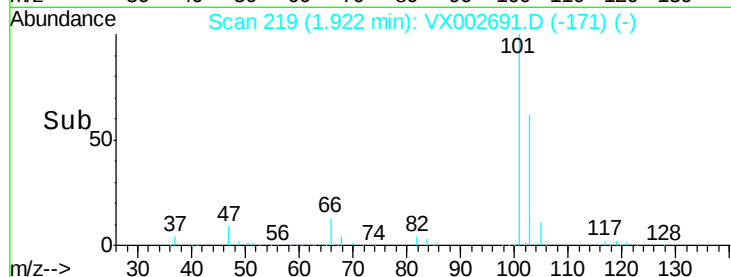
Tot Ion:101 Resp: 224518
Ion Ratio Lower Upper
101 100
103 62.4 52.8 79.2



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



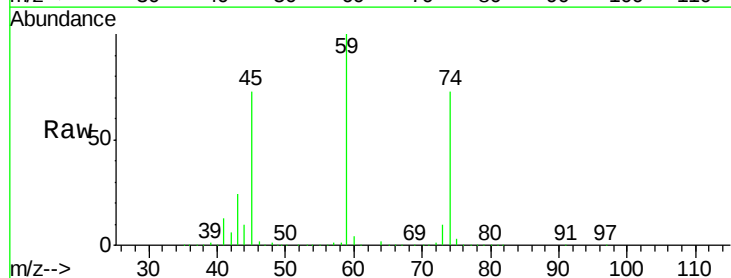
Time--> 1.80 1.90 2.00 2.10



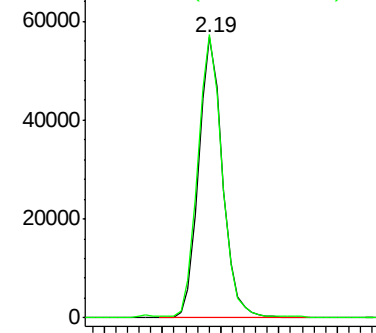
#8

Diethyl Ether
Concen: 45.79 ug/l
RT: 2.19 min Scan# 263
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

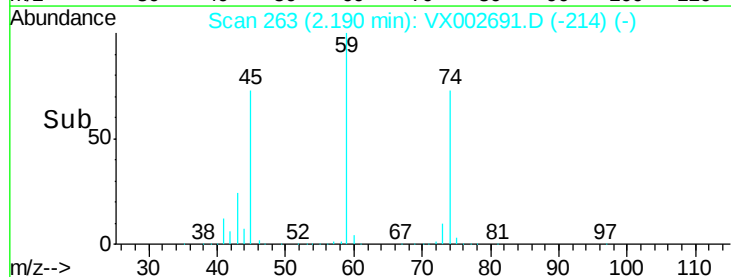
Tgt Ion: 74 Resp: 81287
Ion Ratio Lower Upper
74 100
45 102.3 53.1 159.4

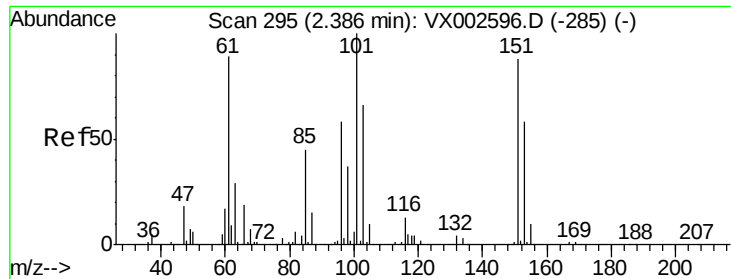


Abundance Ion 74.00 (73.70 to 74.70): VX0
Ion 45.00 (44.70 to 45.70): VX0



Time--> 2.10 2.15 2.20 2.25 2.30





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.33 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

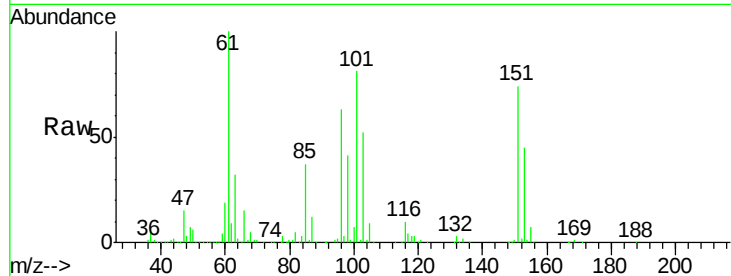
Tot Ion:101 Resp: 126074

Ion Ratio Lower Upper

101 100

85 46.1 36.0 54.0

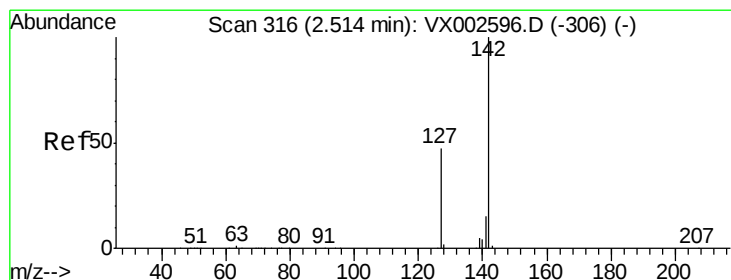
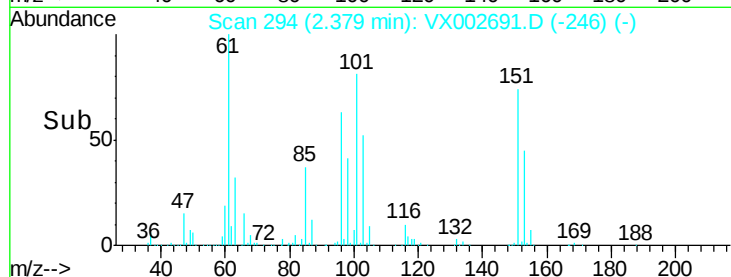
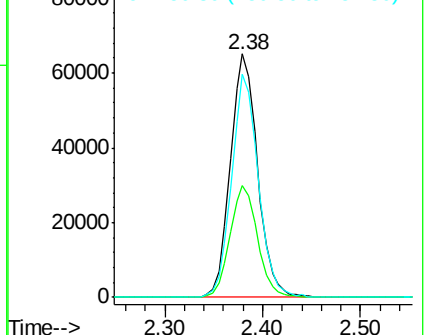
151 89.8 70.9 106.3



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: 29.55 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

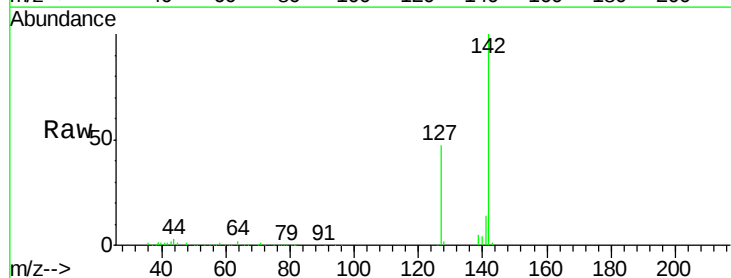
Tgt Ion:142 Resp: 95714

Ion Ratio Lower Upper

142 100

127 46.8 36.6 55.0

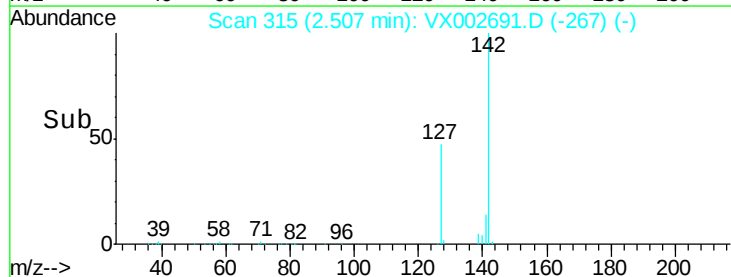
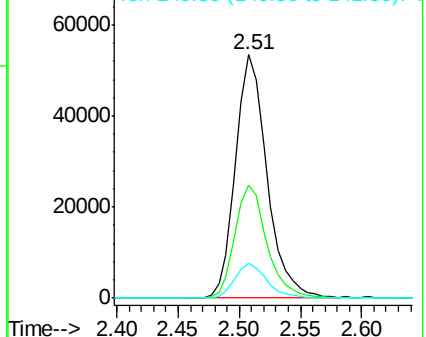
141 14.6 11.3 16.9

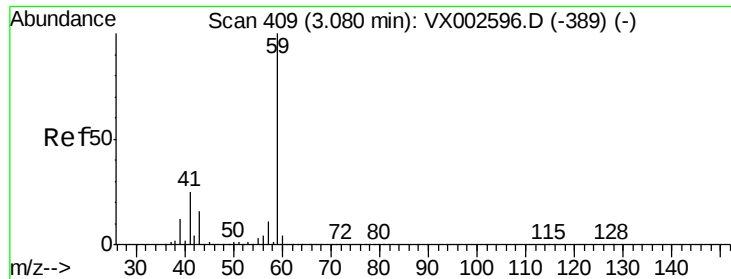


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

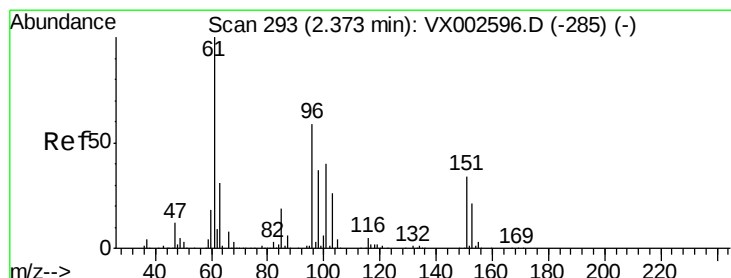
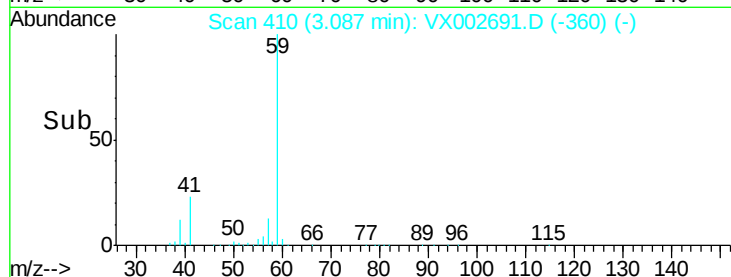
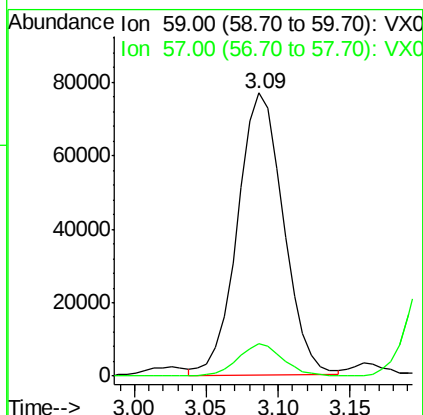
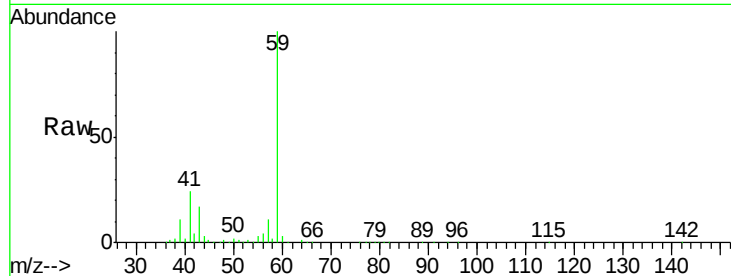




#11
Tert butyl alcohol
Concen: 246.03 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

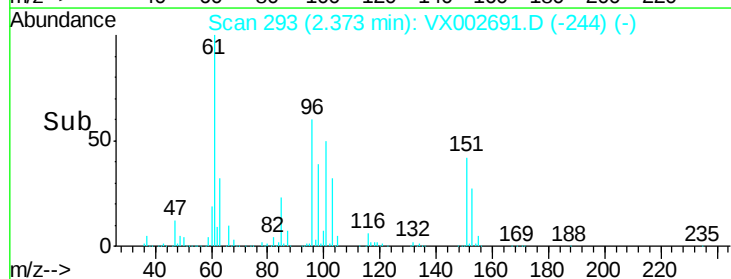
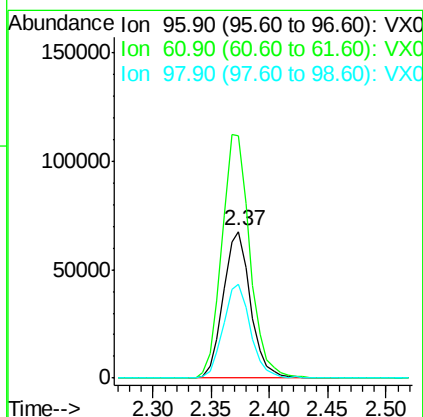
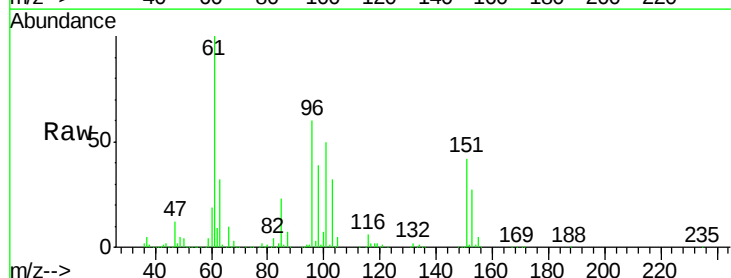
Instrument :
MSVOA_X
ClientSampleId :

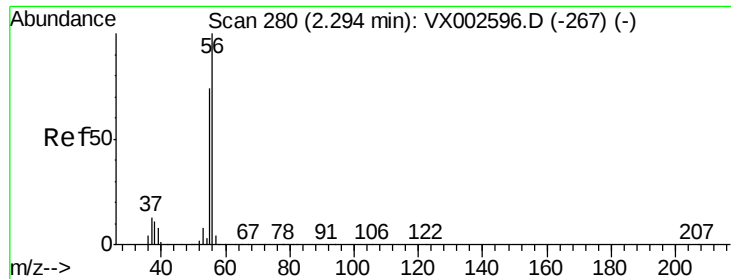
Tot Ion: 59 Resp: 169430
Ion Ratio Lower Upper
59 100
57 11.1 8.2 12.2



#12
1,1-Dichloroethene
Concen: 44.97 ug/l
RT: 2.37 min Scan# 293
Delta R.T. -0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion: 96 Resp: 110161
Ion Ratio Lower Upper
96 100
61 165.7 137.9 206.9
98 64.4 51.6 77.4





#13

Acrolein

Concen: 153.68 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

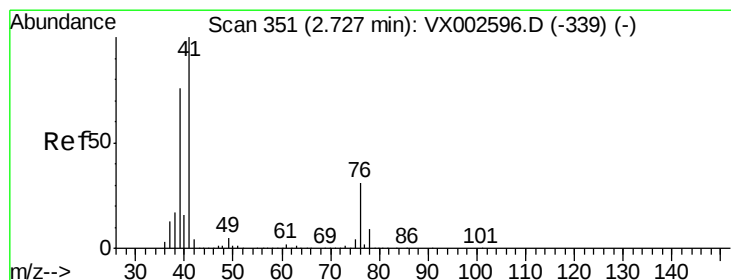
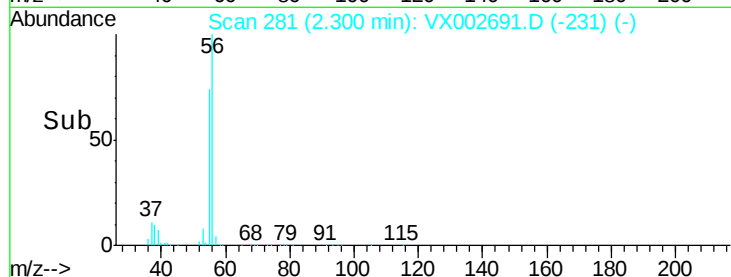
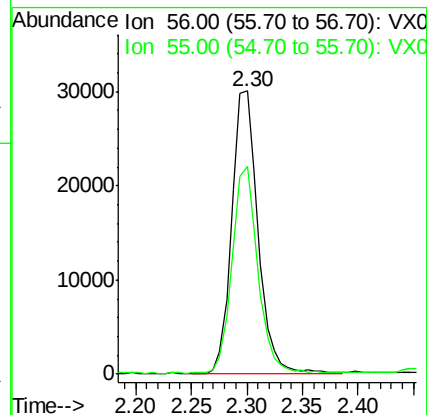
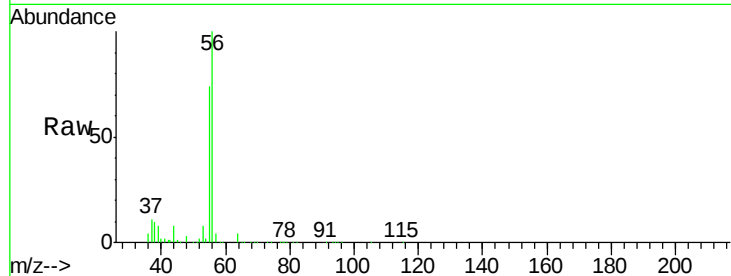
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 48737

Ion Ratio Lower Upper

56 100

55 72.6 57.0 85.4



#14

Allyl chloride

Concen: 45.64 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

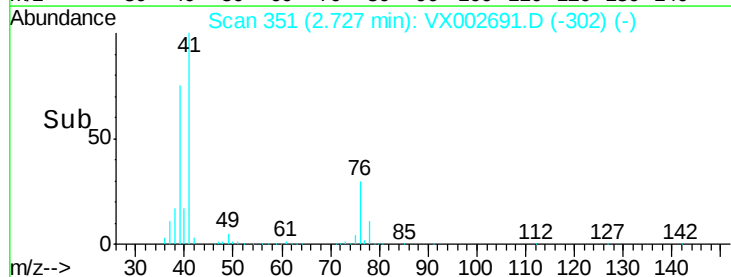
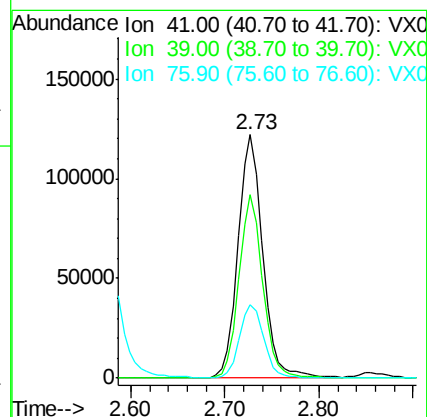
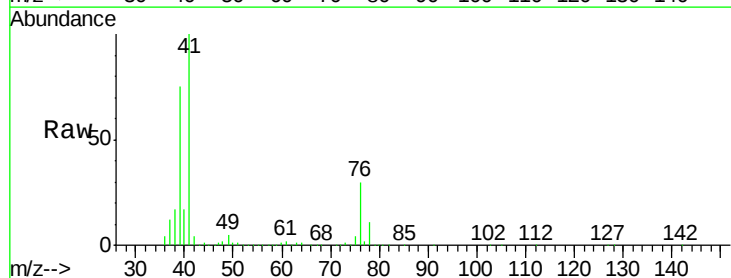
Tgt Ion: 41 Resp: 221982

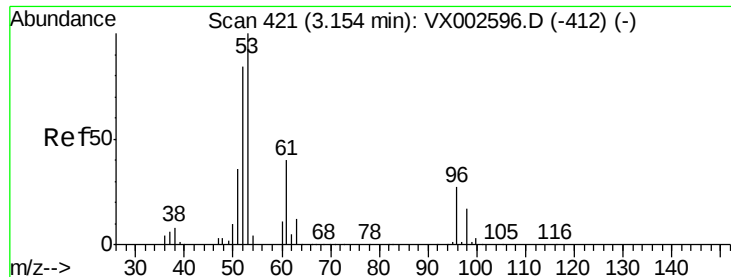
Ion Ratio Lower Upper

41 100

39 72.1 56.8 85.2

76 30.0 23.8 35.8





#15

Acrylonitrile

Concen: 245.98 ug/l

RT: 3.15 min Scan# 421

Delta R.T. -0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

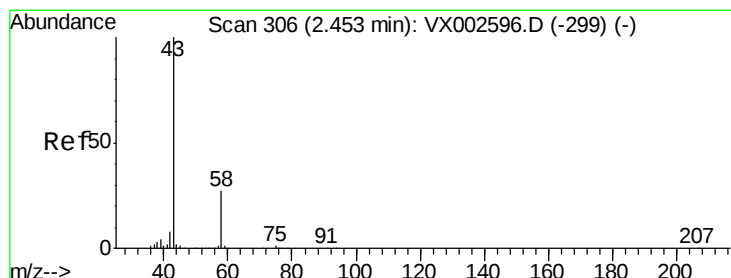
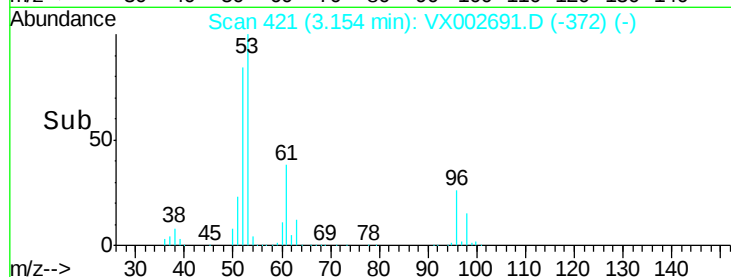
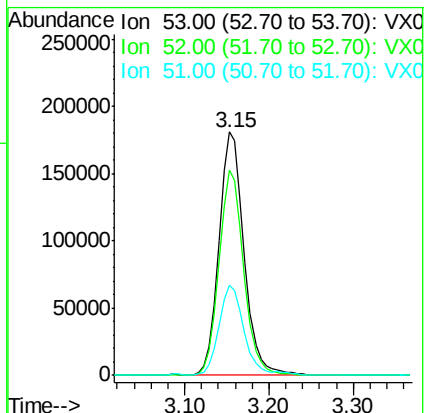
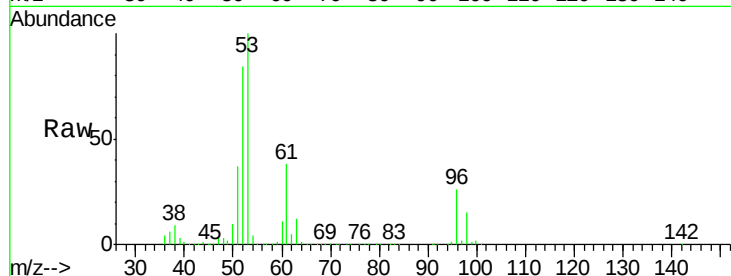
Tot Ion: 53 Resp: 369634

Ion Ratio Lower Upper

53 100

52 83.5 66.7 100.1

51 37.3 29.9 44.9



#16

Acetone

Concen: 238.31 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002691.D

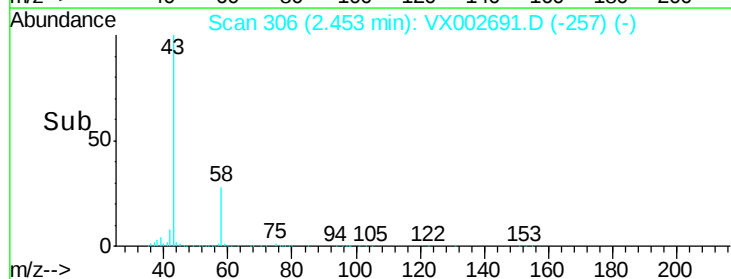
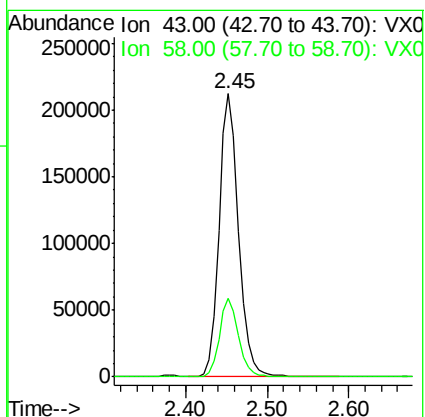
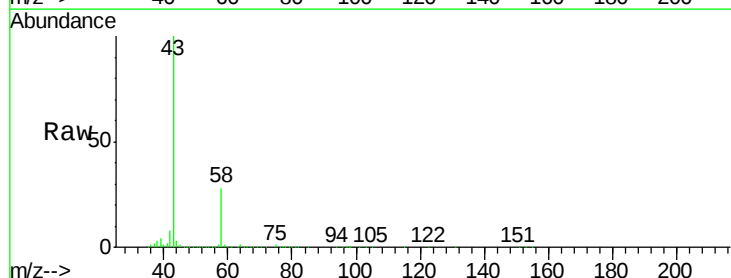
Acq: 18 Jun 2018 21:01

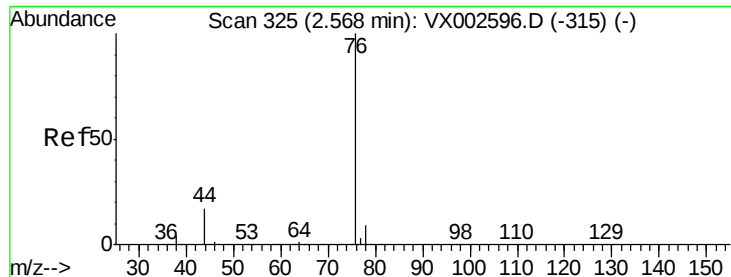
Tgt Ion: 43 Resp: 350240

Ion Ratio Lower Upper

43 100

58 27.7 22.1 33.1

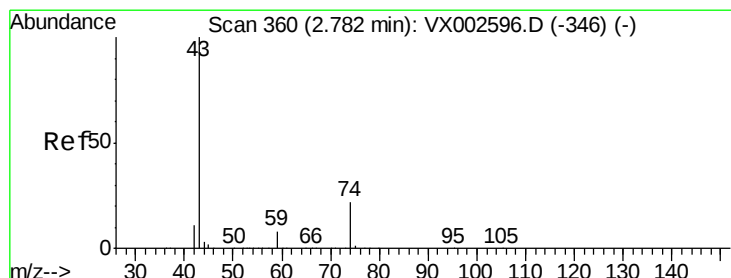
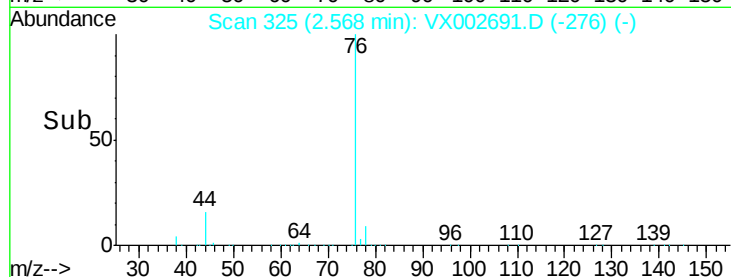
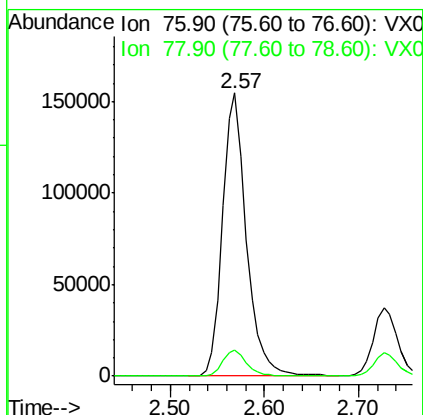
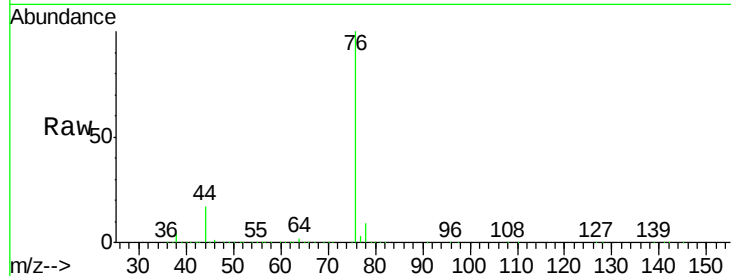




#17
Carbon Disulfide
Concen: 46.78 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

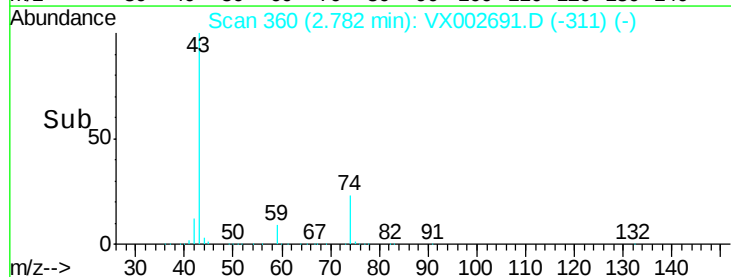
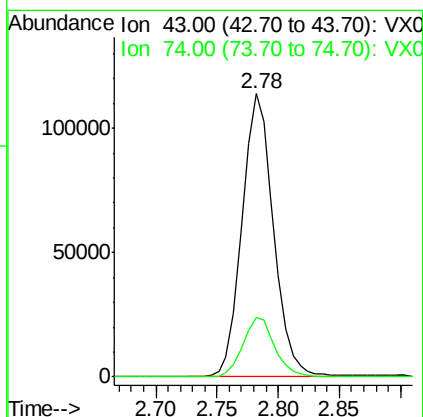
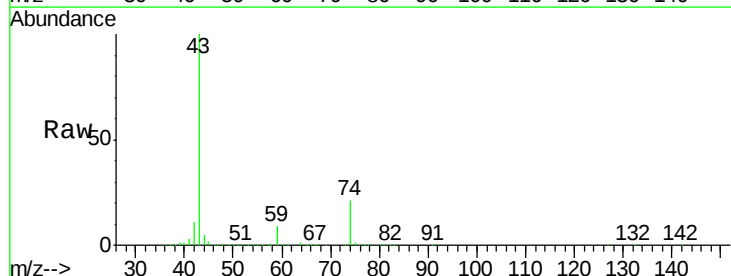
Instrument :
MSVOA_X
ClientSampleId :

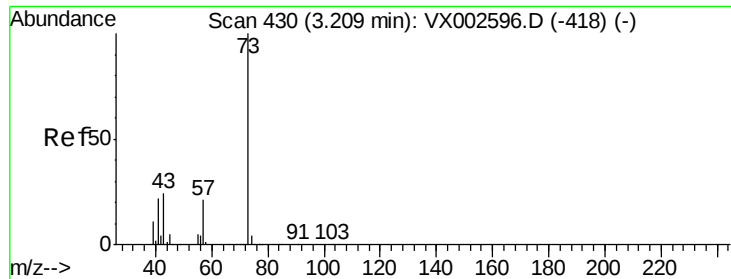
Tot Ion: 76 Resp: 271751
Ion Ratio Lower Upper
76 100
78 9.1 6.9 10.3



#18
Methyl Acetate
Concen: 51.51 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion: 43 Resp: 201684
Ion Ratio Lower Upper
43 100
74 21.4 16.7 25.1

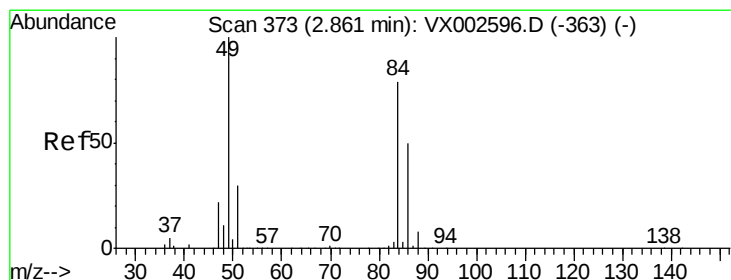
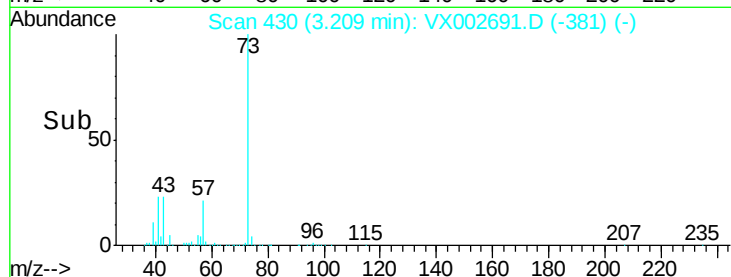
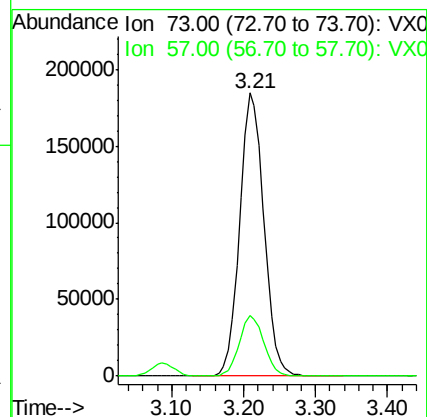
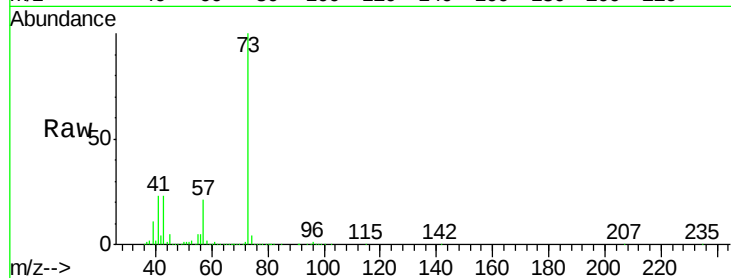




#19
Methvl tert-butvl Ether
Concen: 46.87 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

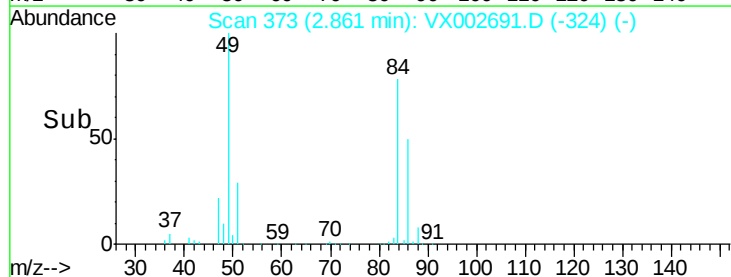
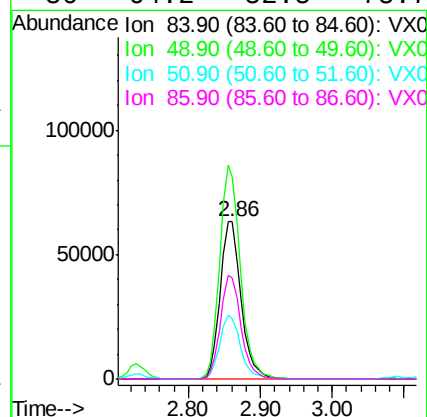
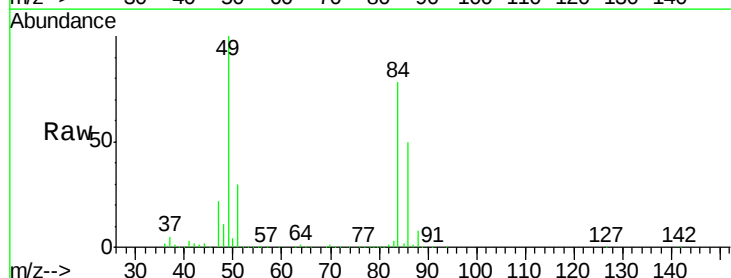
Instrument :
MSVOA_X
ClientSampleId :

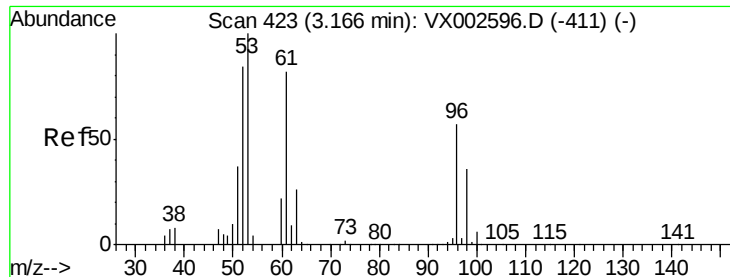
Tot Ion: 73 Resp: 430642
Ion Ratio Lower Upper
73 100
57 21.4 17.7 26.5



#20
Methylene Chloride
Concen: 42.30 ug/l
RT: 2.86 min Scan# 373
Delta R.T. -0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion: 84 Resp: 127470
Ion Ratio Lower Upper
84 100
49 129.0 107.8 161.6
51 38.0 32.8 49.2
86 64.2 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 44.78 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampled :

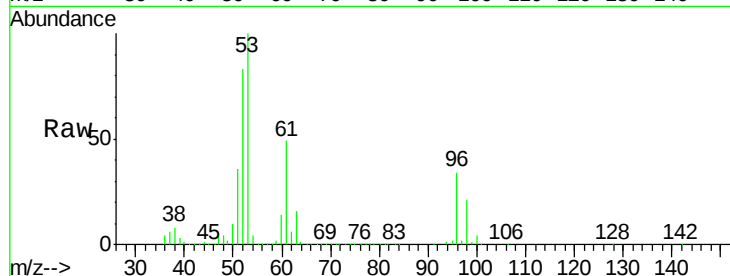
Tot Ion: 96 Resp: 118999

Ion Ratio Lower Upper

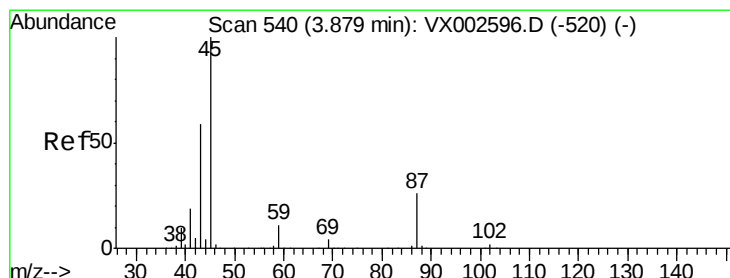
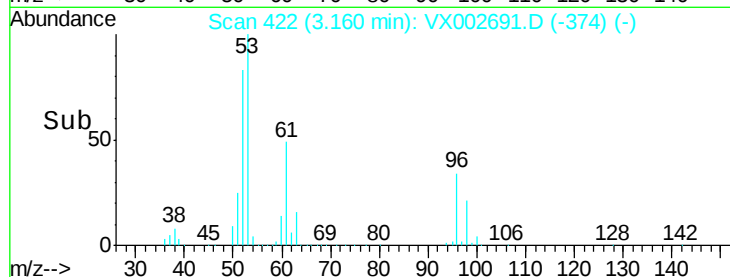
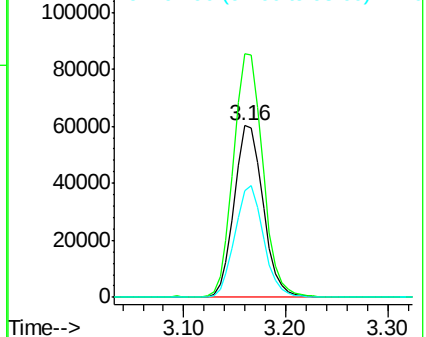
96 100

61 141.5 117.0 175.4

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: 50.93 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Tgt Ion: 45 Resp: 448120

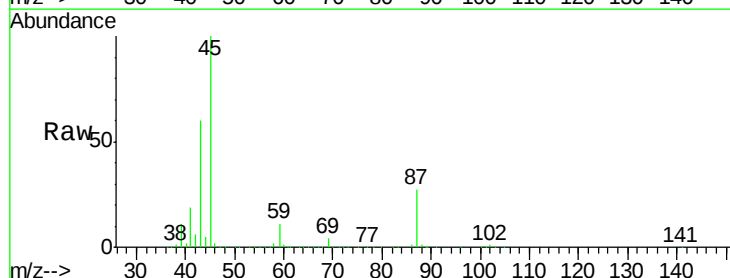
Ion Ratio Lower Upper

45 100

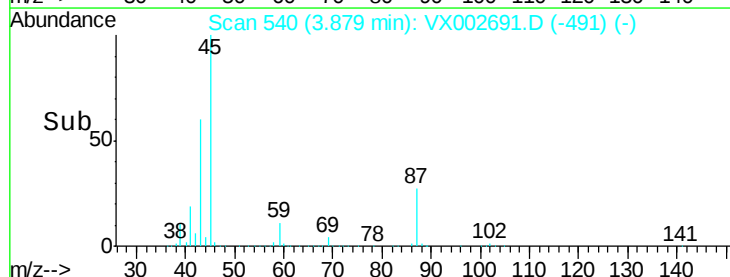
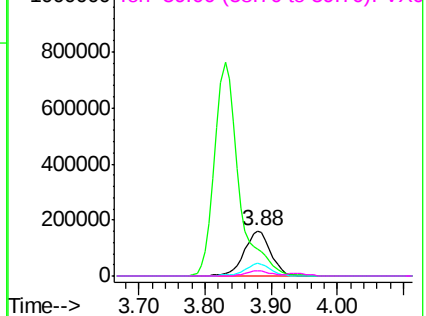
43 59.9 46.8 70.2

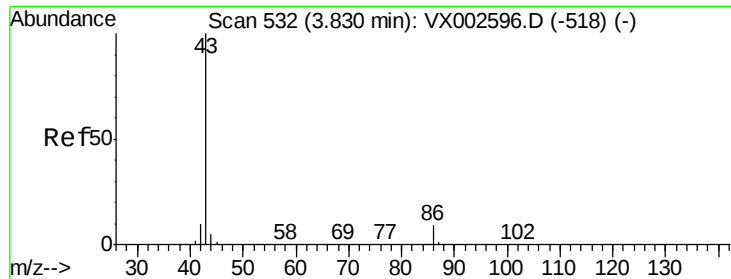
87 27.0 20.2 30.4

59 10.6 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: 265.80 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

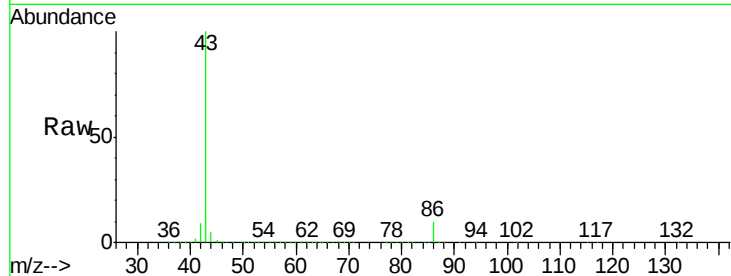
ClientSampleId :

Tot Ion: 43 Resp: 1957478

Ion Ratio Lower Upper

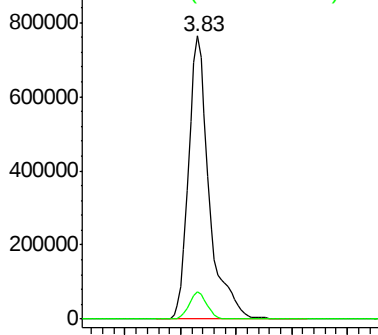
43 100

86 9.6 7.4 11.0

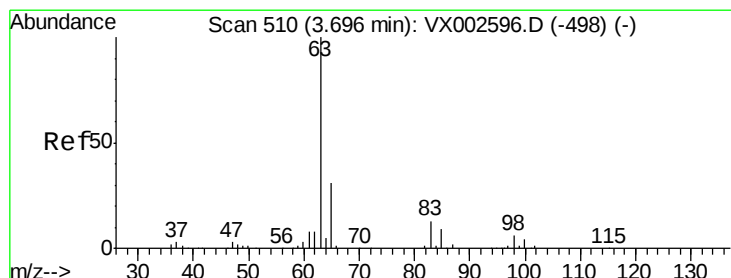
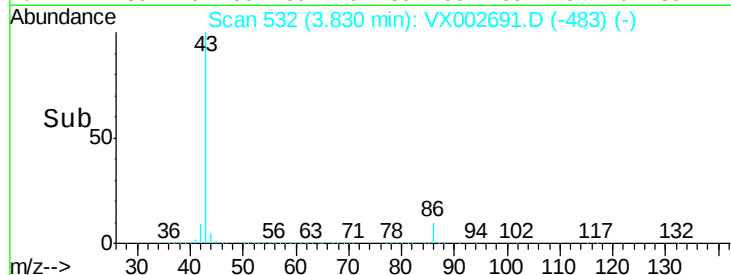


Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



Time-->



#24

1,1-Dichloroethane

Concen: 49.99 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

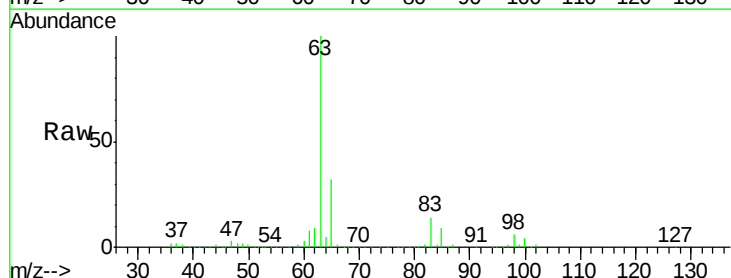
Tgt Ion: 63 Resp: 238713

Ion Ratio Lower Upper

63 100

98 6.4 3.4 10.2

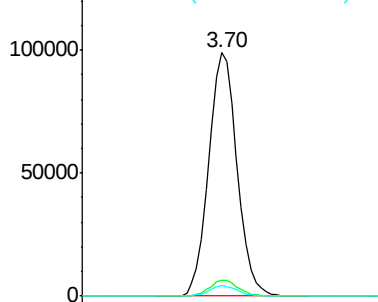
100 4.1 2.0 6.0



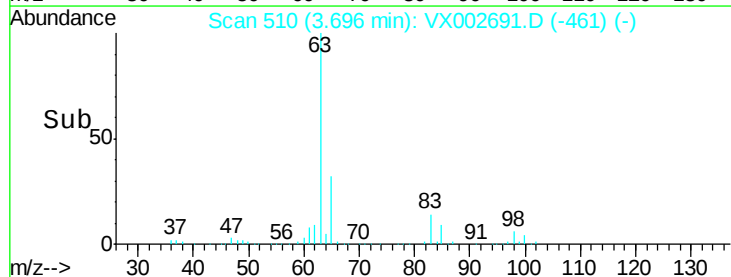
Abundance Ion 62.90 (62.60 to 63.60): VX0

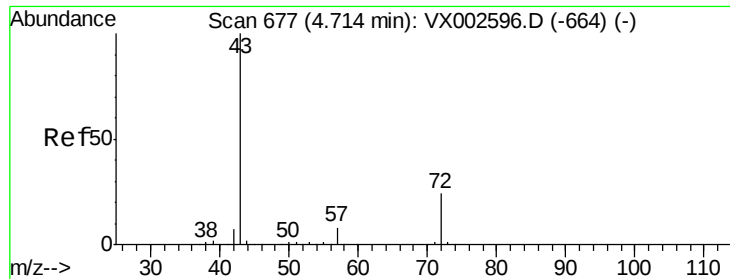
Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0



Time-->





#25

2-Butanone

Concen: 260.85 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.01 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

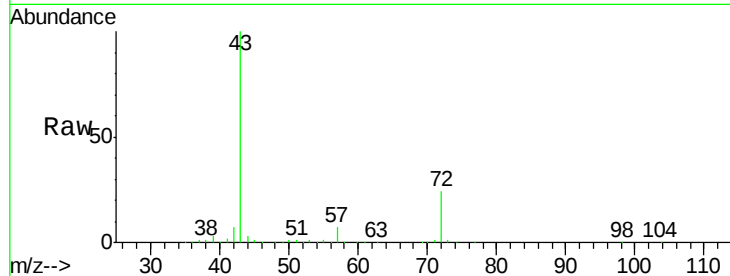
ClientSampled :

Tot Ion: 43 Resp: 503457

Ion Ratio Lower Upper

43 100

72 23.4 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

4.72

200000

150000

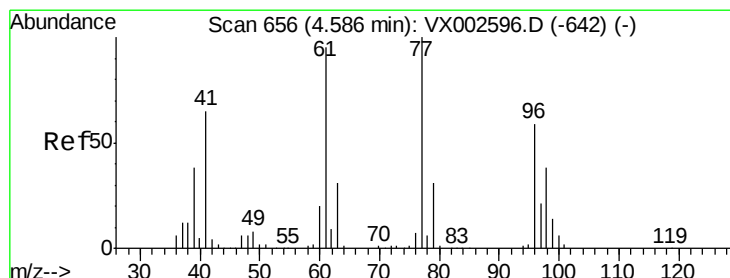
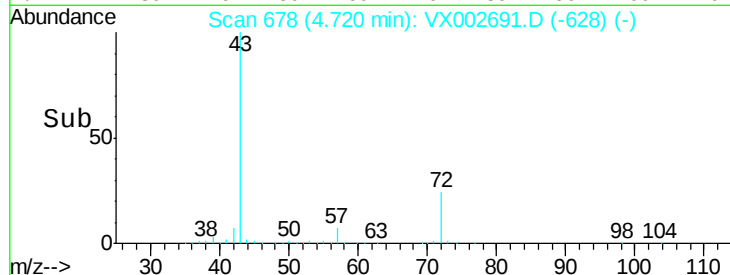
100000

50000

0

Time-->

4.60 4.70 4.80



#26

2,2-Dichloropropane

Concen: 42.39 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX002691.D

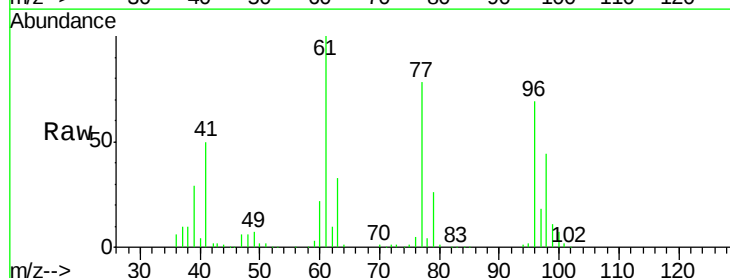
Acq: 18 Jun 2018 21:01

Tgt Ion: 77 Resp: 145455

Ion Ratio Lower Upper

77 100

97 23.8 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0

4.59

50000

40000

30000

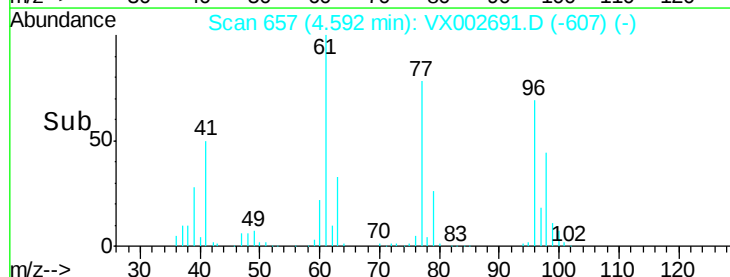
20000

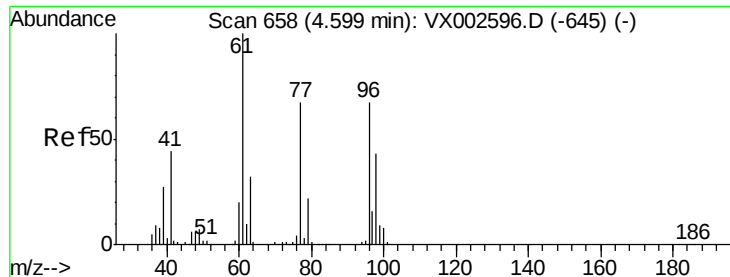
10000

0

Time-->

4.40 4.50 4.60 4.70



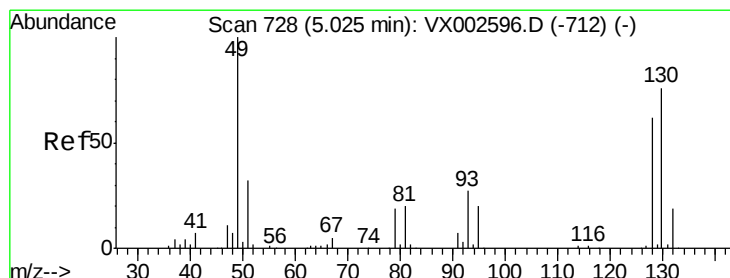
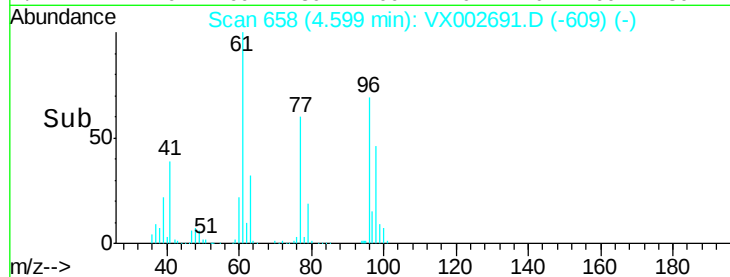
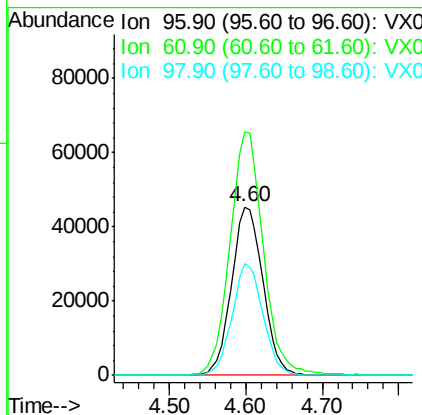
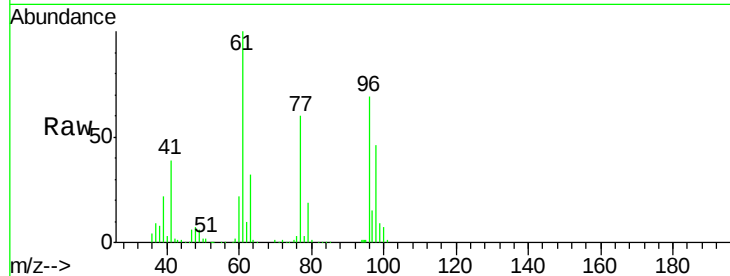


#27

cis-1,2-Dichloroethene
Concen: 47.80 ug/l
RT: 4.60 min Scan# 658
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Instrument :
MSVOA_X
ClientSampleId :

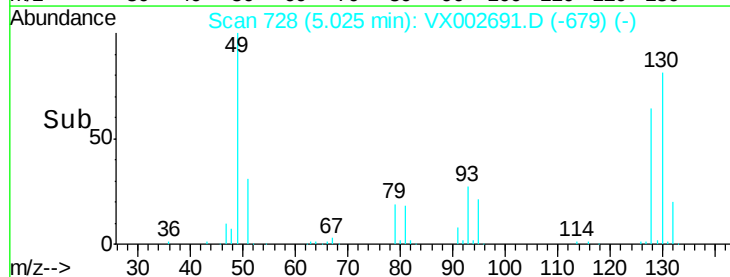
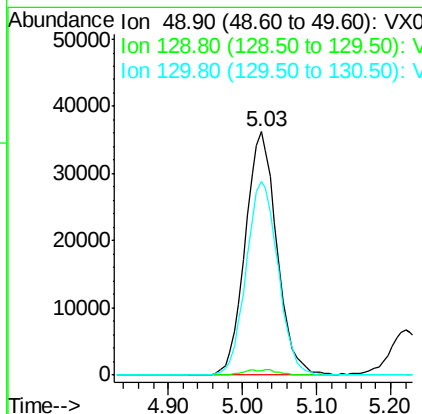
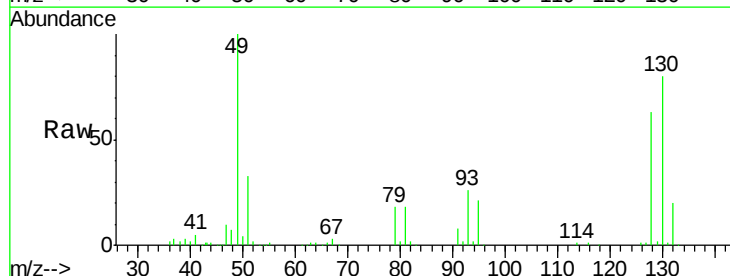
Tot Ion	Ratio	Lower	Upper
96	100		
61	153.6	0.0	330.2
98	64.7	0.0	130.2

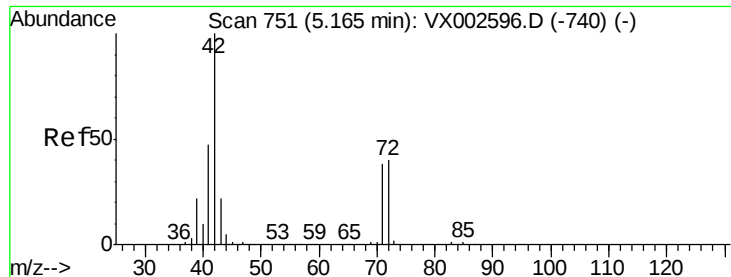


#28

Bromochloromethane
Concen: 48.32 ug/l
RT: 5.03 min Scan# 728
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion	Ratio	Lower	Upper
49	100		
129	2.4	0.0	4.2
130	80.2	61.2	91.8

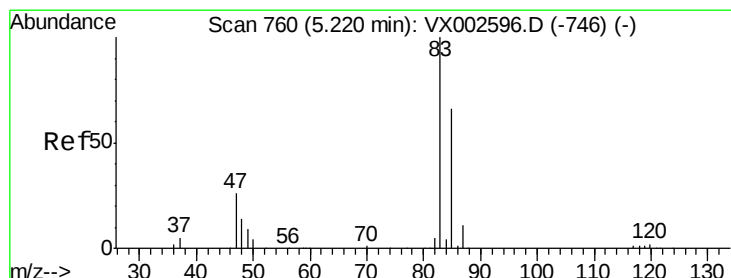
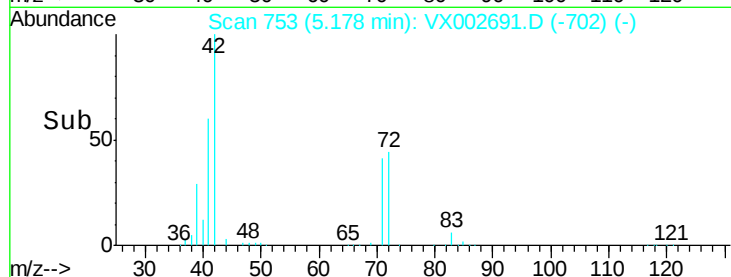
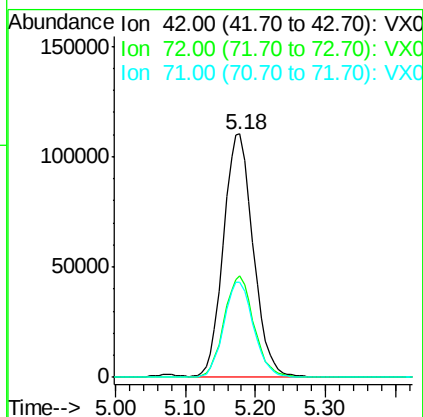
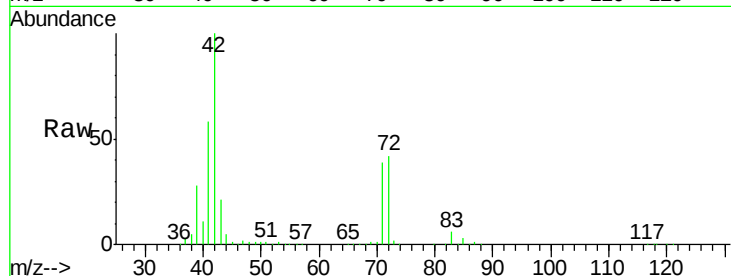




#29
Tetrahydrofuran
Concen: 256.99 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.01 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

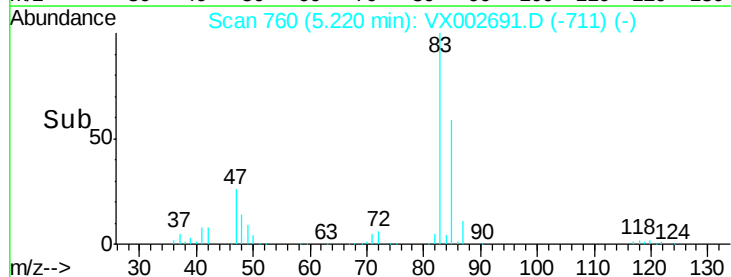
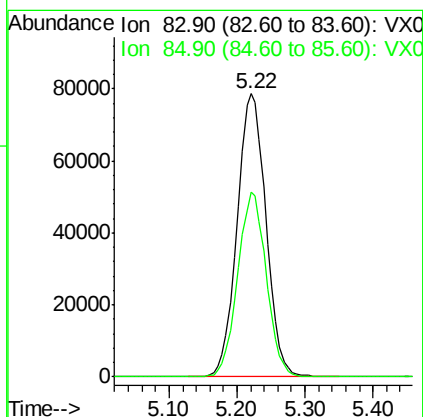
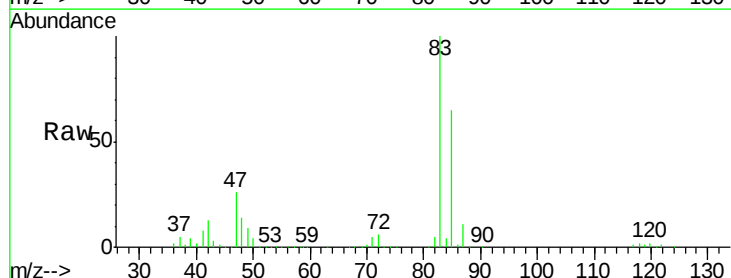
Instrument :
MSVOA_X
ClientSampleId :

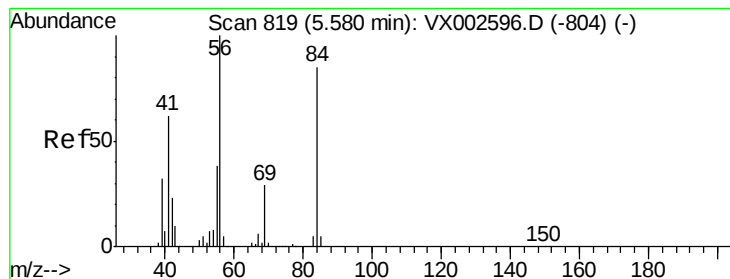
Tot Ion	Ratio	Lower	Upper
42	100		
72	41.8	32.0	48.0
71	39.4	30.1	45.1



#30
Chloroform
Concen: 50.22 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion	Ratio	Lower	Upper
83	100		
85	65.5	50.4	75.6





#31

Cyclohexane

Concen: 47.61 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

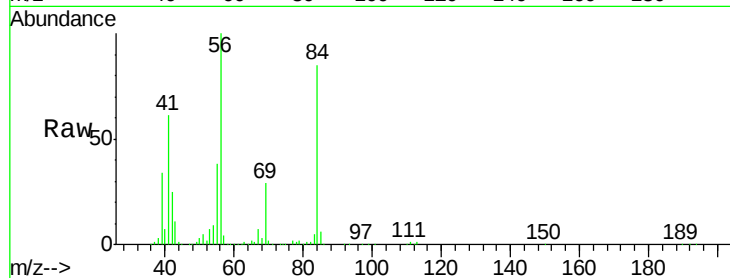
Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 187216

Ion	Ratio	Lower	Upper
56	100		
69	28.8	23.7	35.5
84	84.6	64.1	96.1

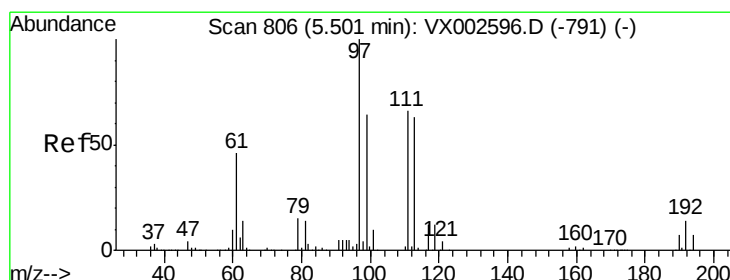
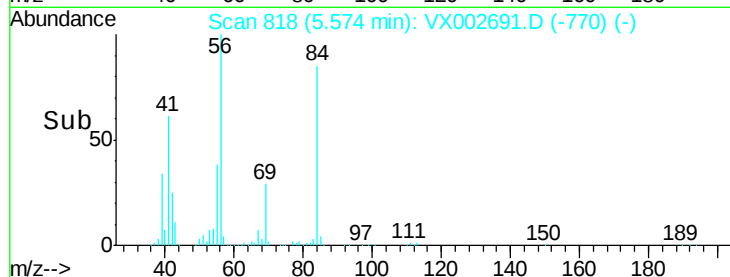
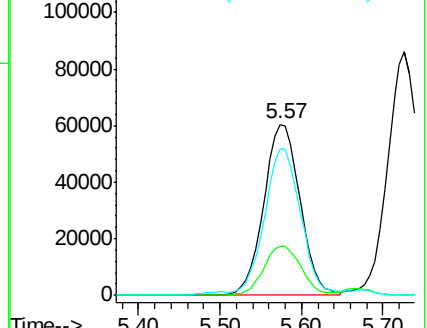


Abundance

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: 52.23 ug/l

RT: 5.50 min Scan# 806

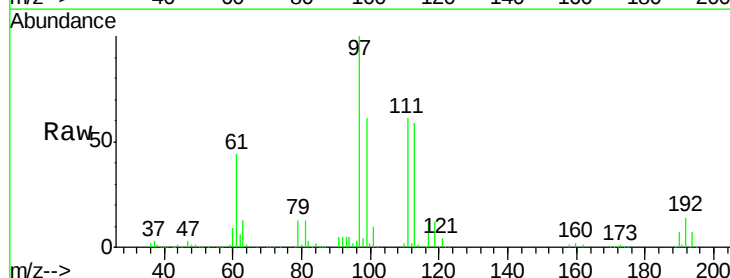
Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Tgt Ion: 97 Resp: 201162

Ion	Ratio	Lower	Upper
97	100		
99	64.4	51.6	77.4
61	45.1	36.4	54.6

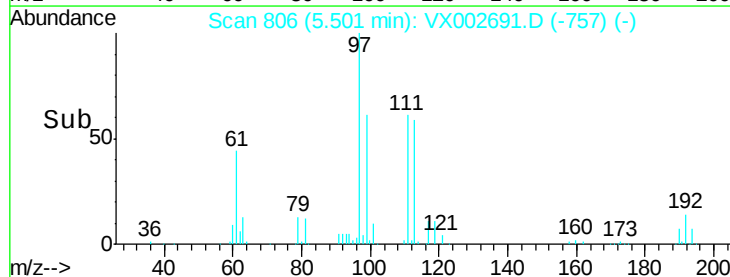
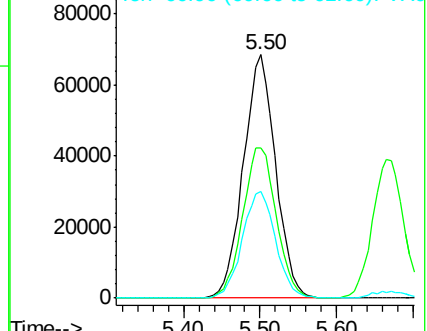


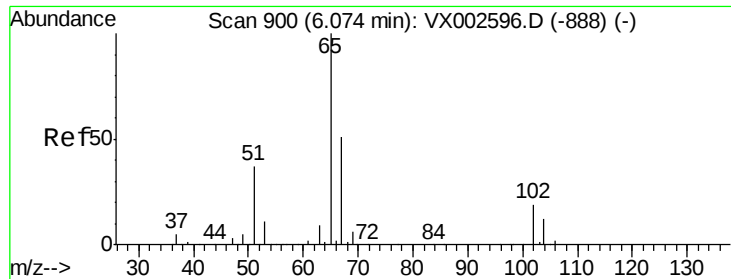
Abundance

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

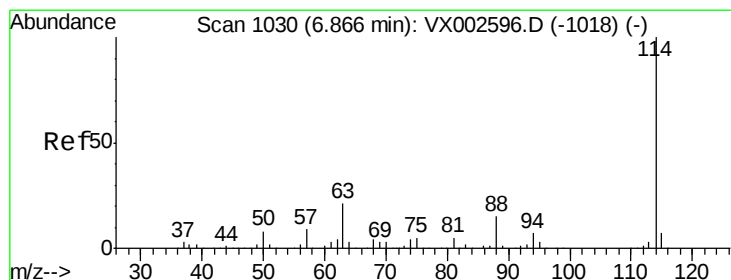
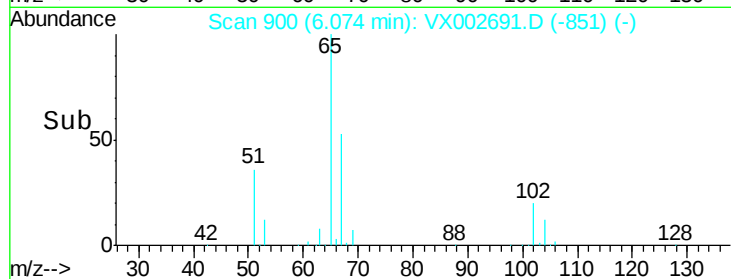
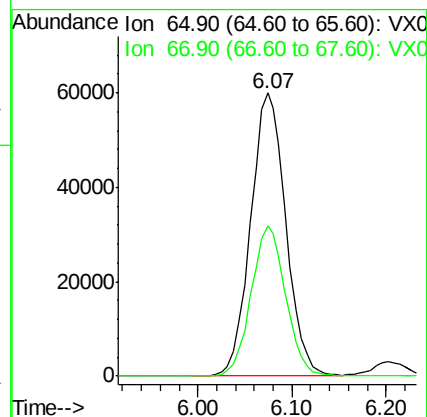
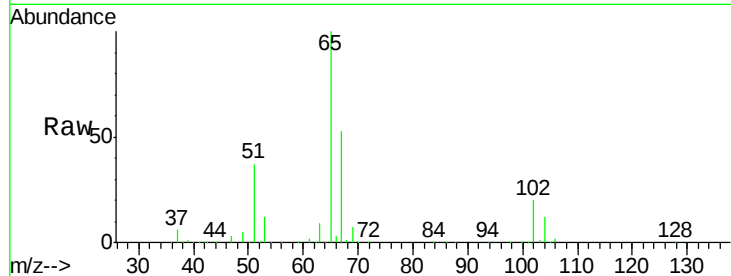




#33
 1,2-Dichloroethane-d4
 Concen: 47.09 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

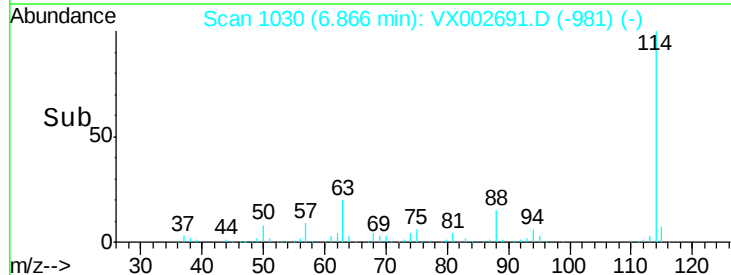
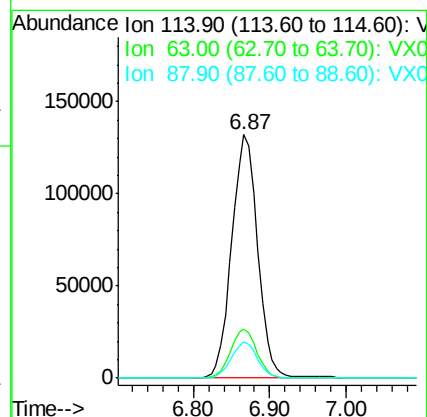
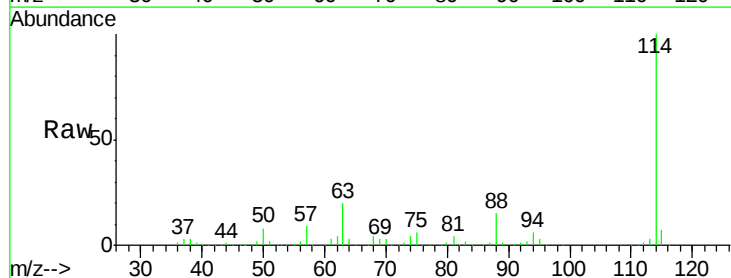
Instrument :
 MSVOA_X
 ClientSampleId :

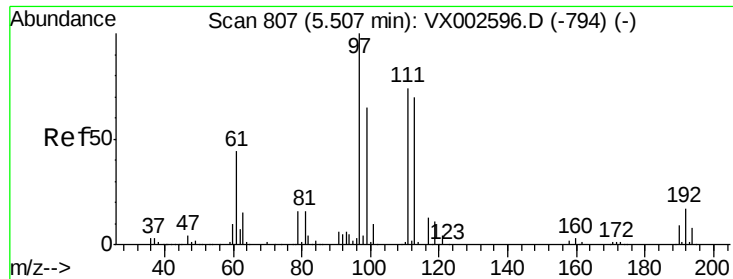
Tot Ion: 65 Resp: 156859
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Tgt Ion: 114 Resp: 311510
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 41.4
 88 14.7 0.0 30.0

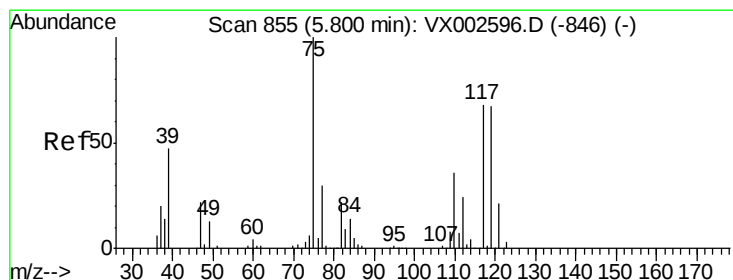
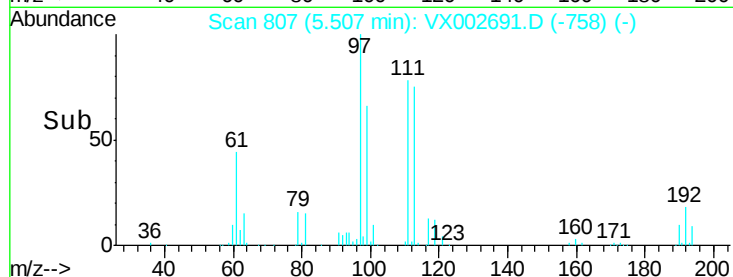
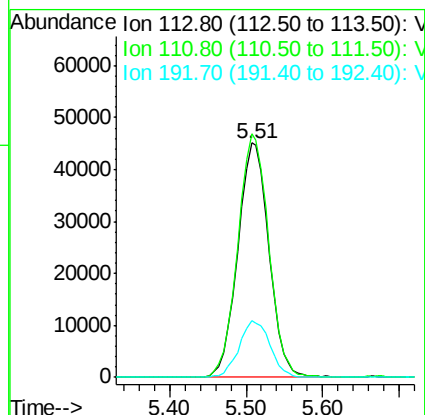
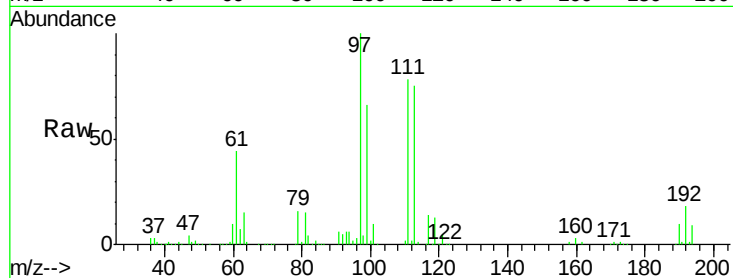




#35
Dibromofluoromethane
Concen: 51.19 ug/l
RT: 5.51 min Scan# 807
Delta R.T. -0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

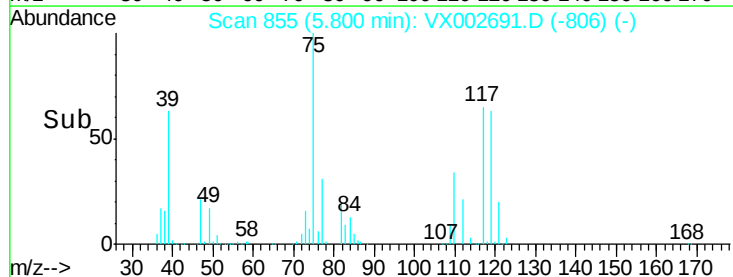
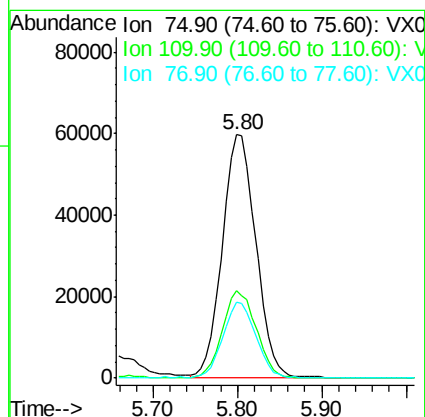
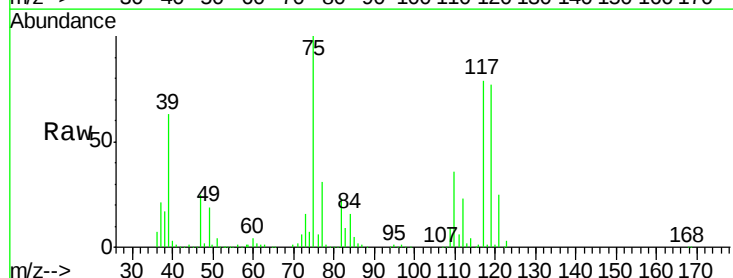
Instrument :
MSVOA_X
ClientSampleId :

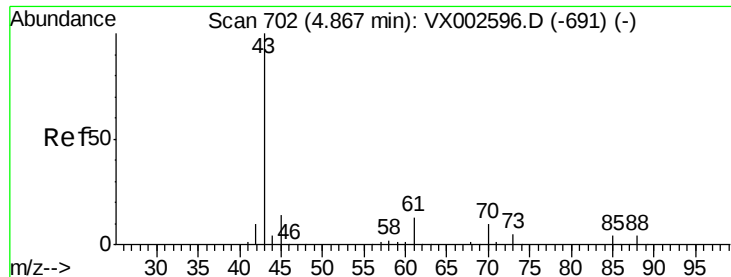
Tot Ion:113 Resp: 127259
Ion Ratio Lower Upper
113 100
111 103.3 81.4 122.0
192 24.1 19.1 28.7



#36
1,1-Dichloropropene
Concen: 49.03 ug/l
RT: 5.80 min Scan# 855
Delta R.T. -0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion: 75 Resp: 162195
Ion Ratio Lower Upper
75 100
110 36.4 18.1 54.4
77 31.4 24.3 36.5





#37

Ethyl Acetate

Concen: 51.78 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

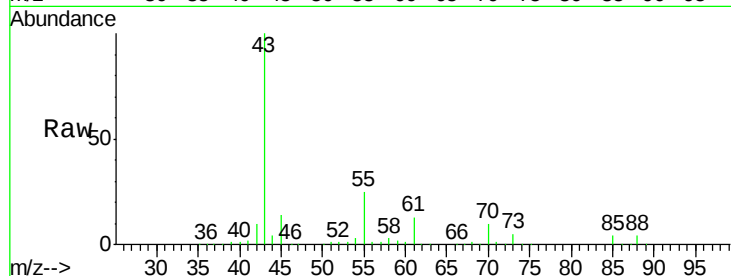
Tot Ion: 43 Resp: 193881

Ion Ratio Lower Upper

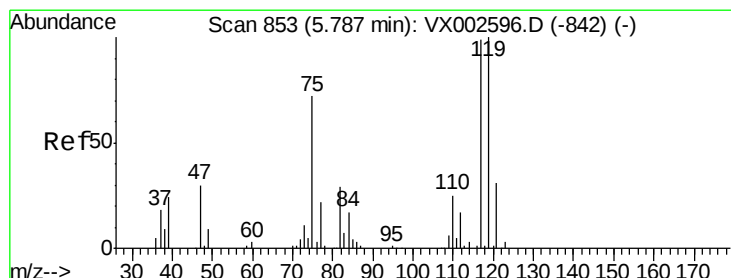
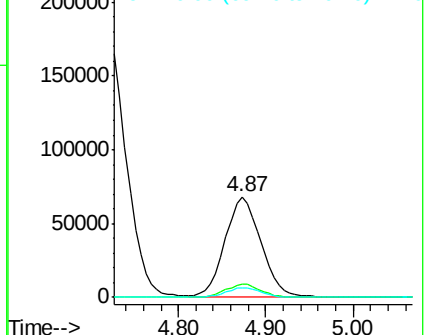
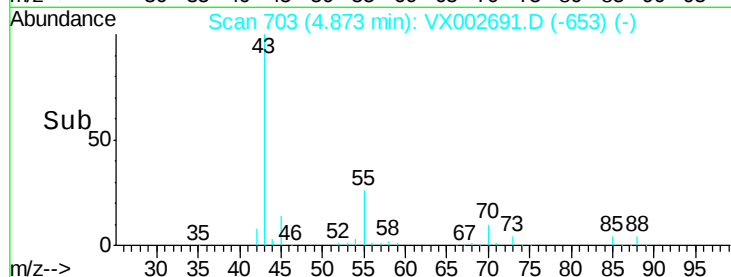
43 100

61 12.7 10.4 15.6

70 9.8 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX002691.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 54.14 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

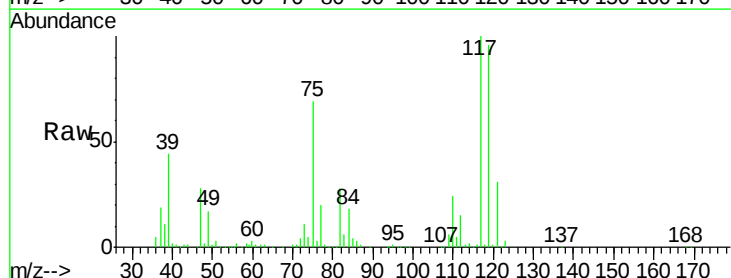
Tgt Ion: 117 Resp: 178368

Ion Ratio Lower Upper

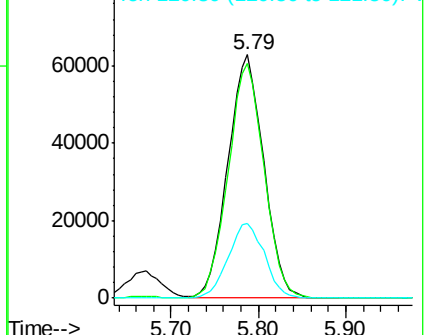
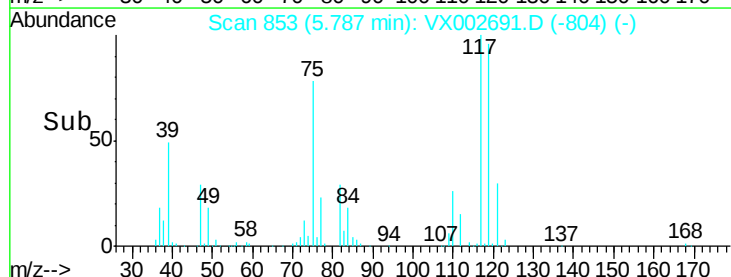
117 100

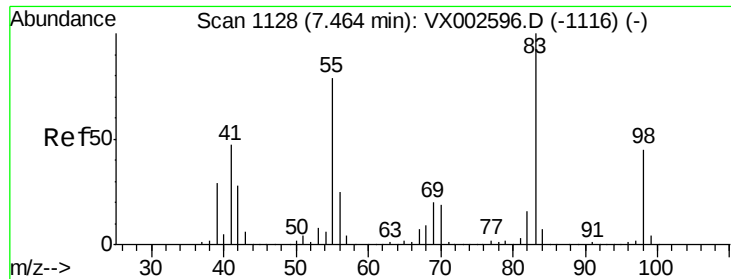
119 96.6 77.4 116.0

121 30.8 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): VX002691.D (-804) (-)

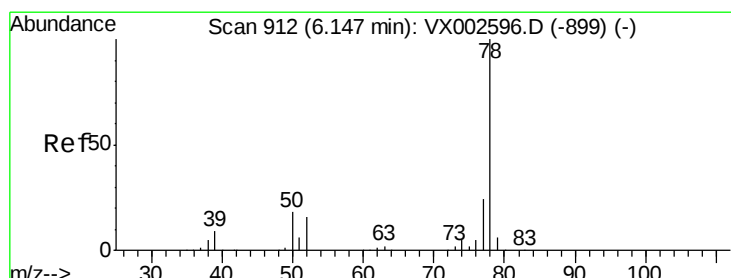
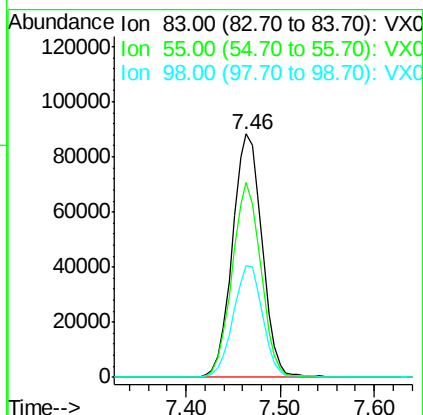
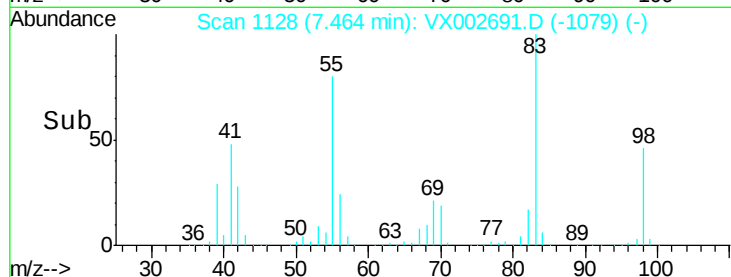
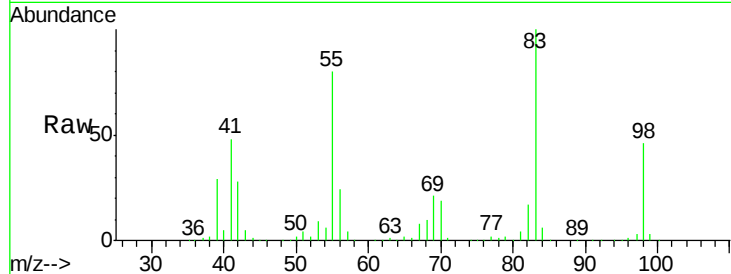




#39
Methvlcvclohexane
Concen: 50.02 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. -0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

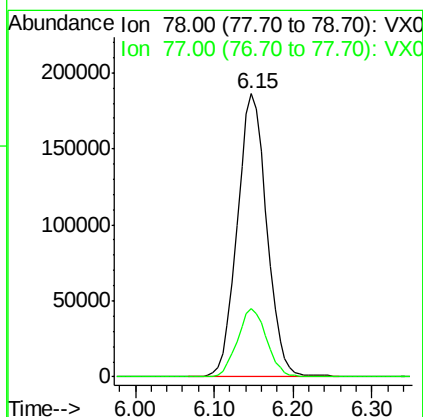
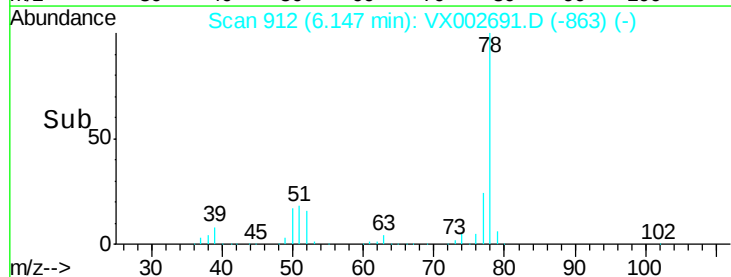
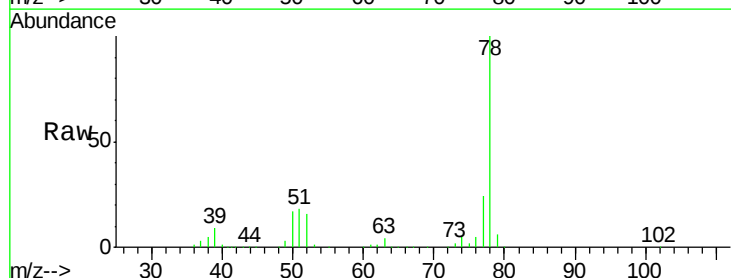
Instrument :
MSVOA_X
ClientSampled :

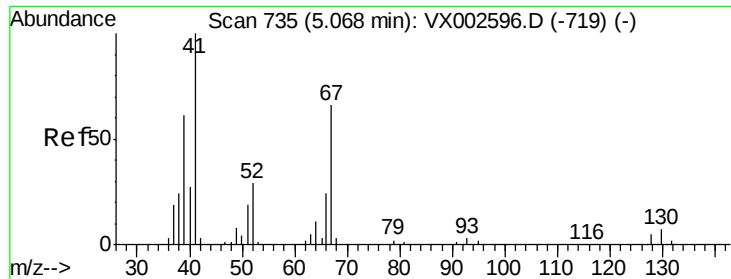
Tot Ion: 83 Resp: 193472
Ion Ratio Lower Upper
83 100
55 80.1 65.4 98.0
98 46.1 37.4 56.0



#40
Benzene
Concen: 48.82 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion: 78 Resp: 484350
Ion Ratio Lower Upper
78 100
77 24.3 19.1 28.7





#41

Methacrylonitrile

Concen: 51.99 ug/l

RT: 5.07 min Scan# 735

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampled :

Tot Ion: 41 Resp: 109931

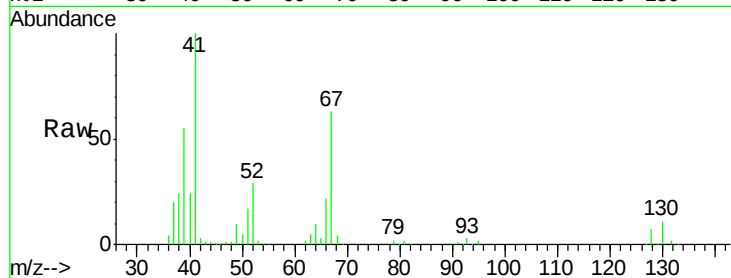
Ion Ratio Lower Upper

41 100

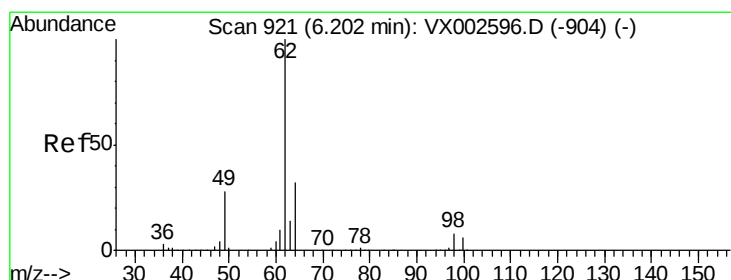
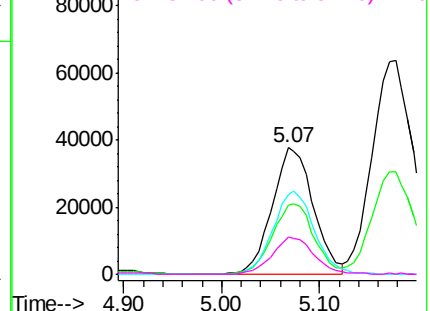
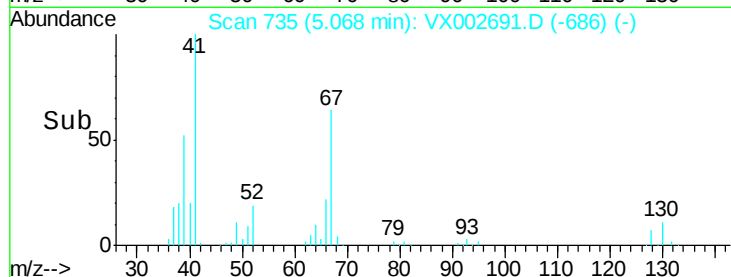
39 56.2 45.8 68.6

67 66.8 51.3 76.9

52 29.5 23.0 34.6



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



#42

1,2-Dichloroethane

Concen: 50.48 ug/l

RT: 6.21 min Scan# 922

Delta R.T. 0.01 min

Lab File: VX002691.D

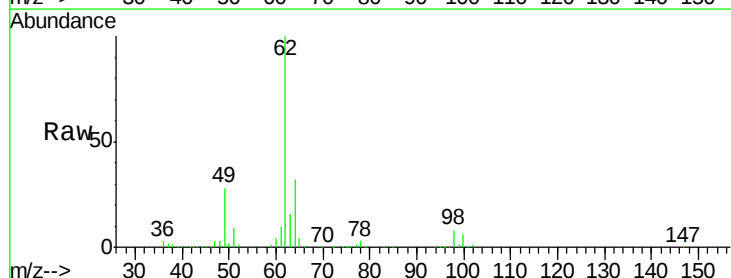
Acq: 18 Jun 2018 21:01

Tgt Ion: 62 Resp: 193895

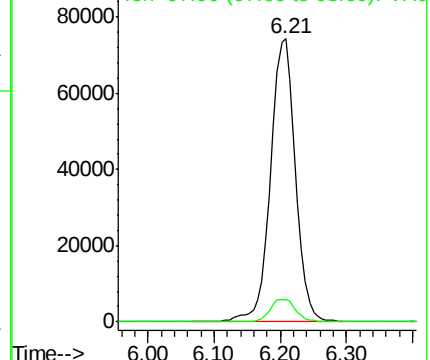
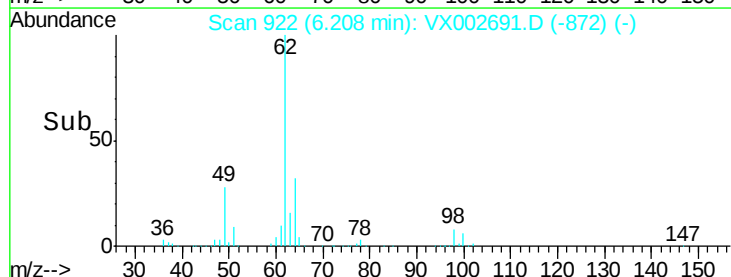
Ion Ratio Lower Upper

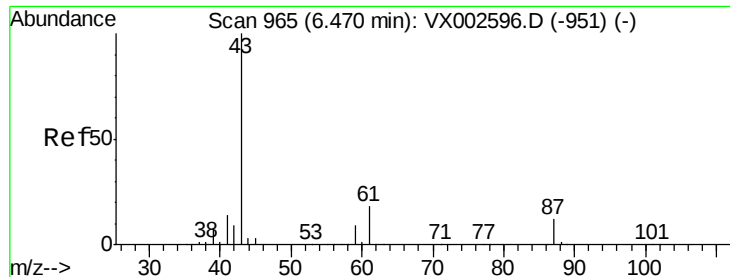
62 100

98 8.3 0.0 16.6



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



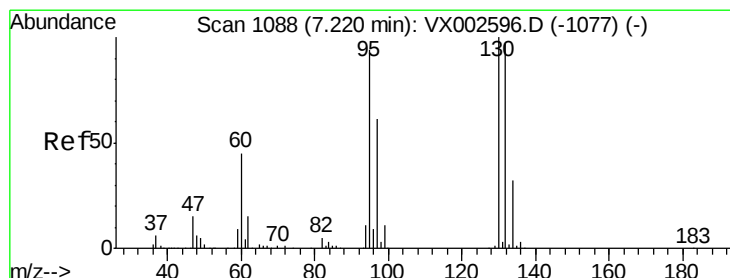
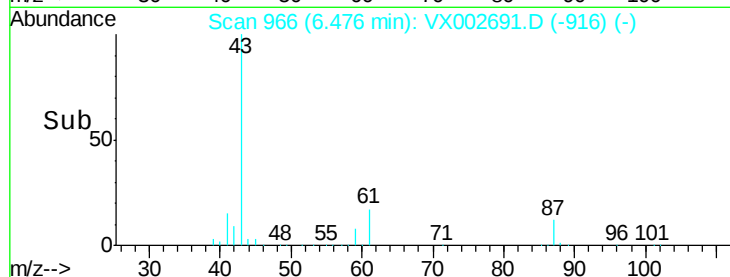
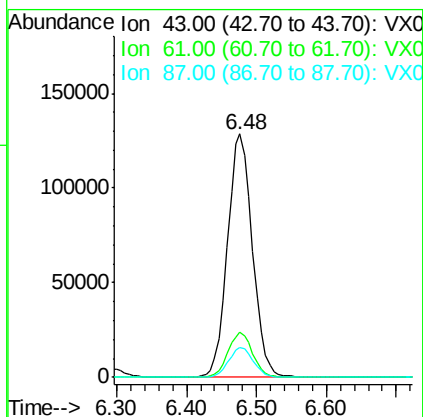
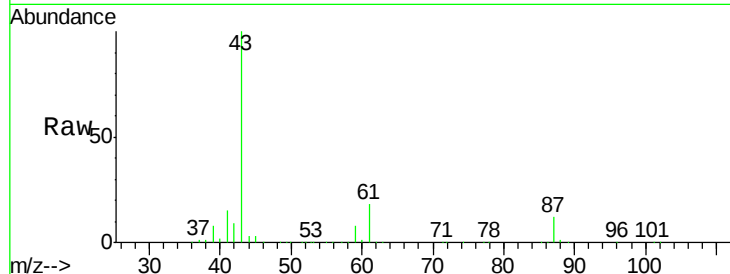


#43

Isopropyl Acetate
 Concen: 50.93 ug/l
 RT: 6.48 min Scan# 966
 Delta R.T. 0.01 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Instrument :
 MSVOA_X
 ClientSampleId :

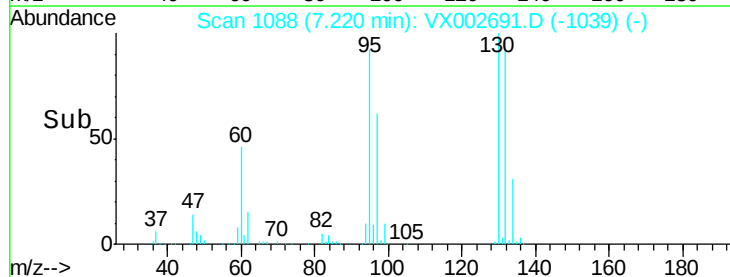
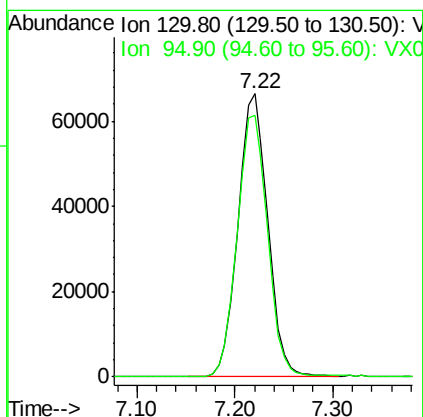
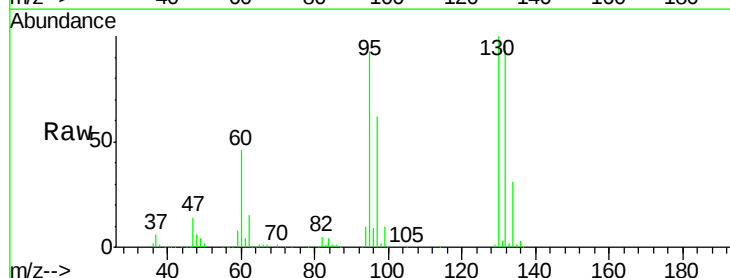
Tot Ion	Ratio	Lower	Upper
43	100		
61	18.3	14.4	21.6
87	12.3	9.5	14.3

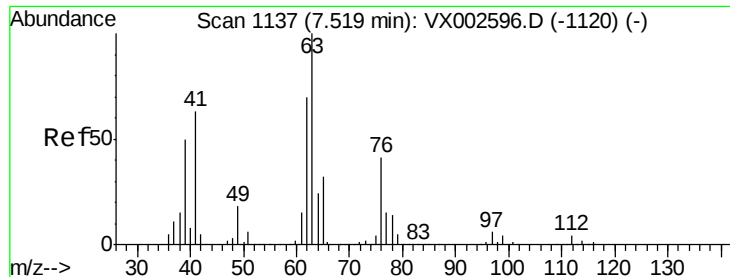


#44

Trichloroethene
 Concen: 49.03 ug/l
 RT: 7.22 min Scan# 1088
 Delta R.T. 0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Tgt Ion	Ratio	Lower	Upper
130	100		
95	92.6	0.0	185.4





#45

1,2-Dichloropropane

Concen: 48.98 ug/l

RT: 7.52 min Scan# 1138

Delta R.T. 0.01 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

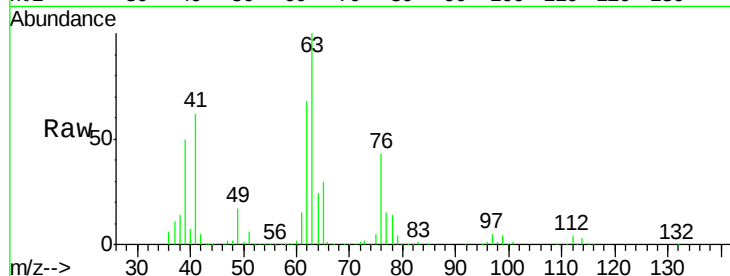
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 63 Resp: 127891

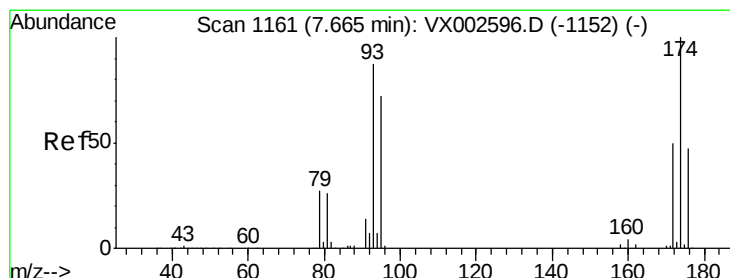
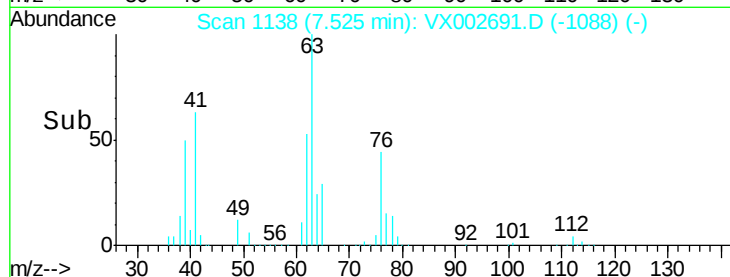
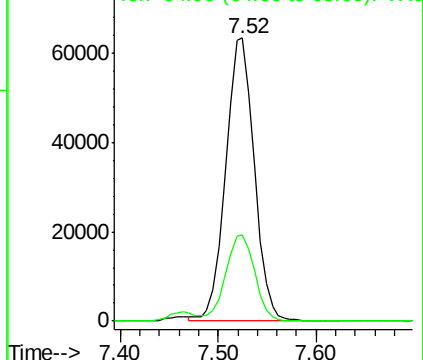
Ion Ratio Lower Upper

63 100

65 30.4 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0
Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 51.60 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

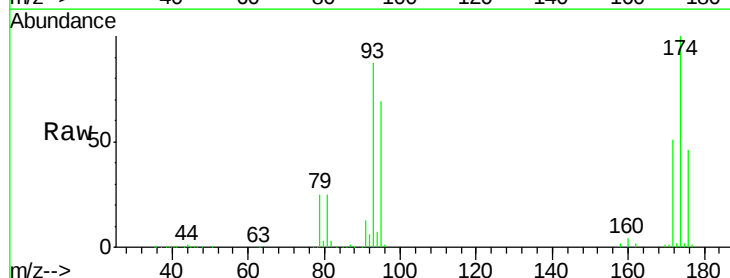
Tgt Ion: 93 Resp: 90111

Ion Ratio Lower Upper

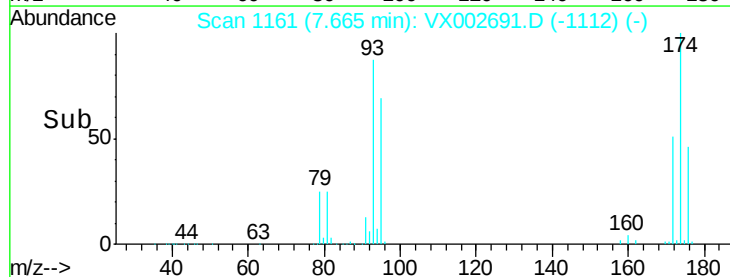
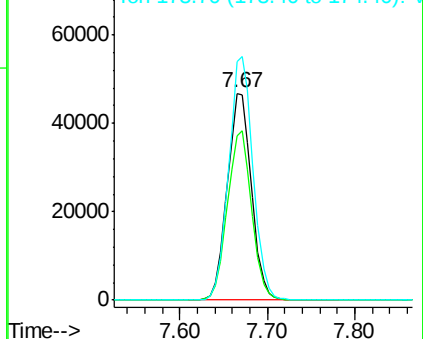
93 100

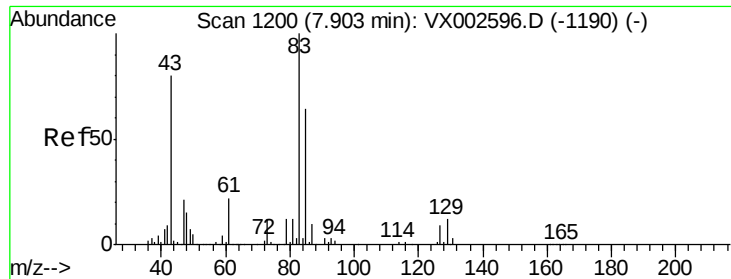
95 82.3 65.9 98.9

174 118.3 92.4 138.6



Abundance Ion 92.80 (92.50 to 93.50): VX0
Ion 94.80 (94.50 to 95.50): VX0
Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 55.18 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :
MSVOA_X
ClientSampleId :

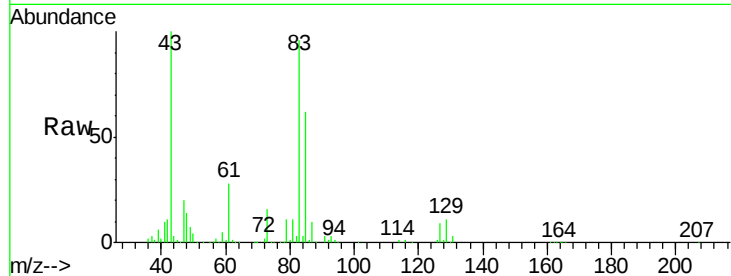
Tot Ion: 83 Resp: 169975

Ion Ratio Lower Upper

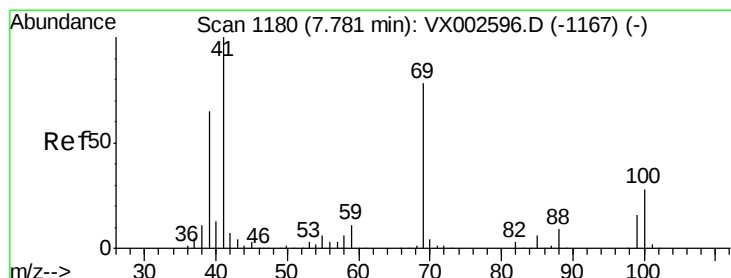
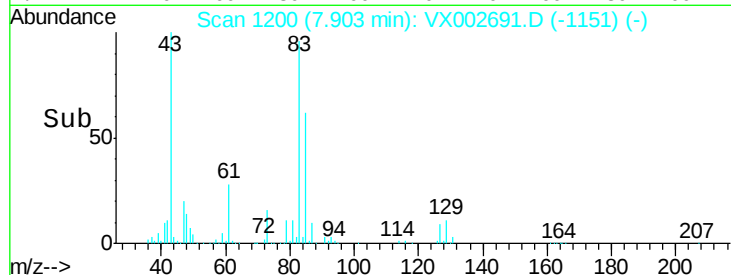
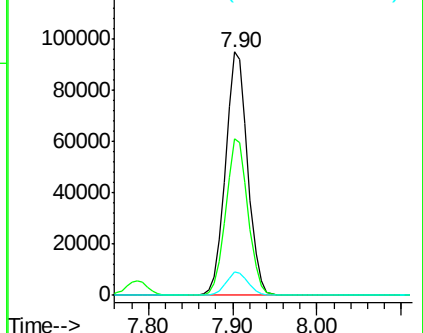
83 100

85 64.1 50.3 75.5

127 9.4 7.0 10.4



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



#48

Methyl methacrylate

Concen: 51.60 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

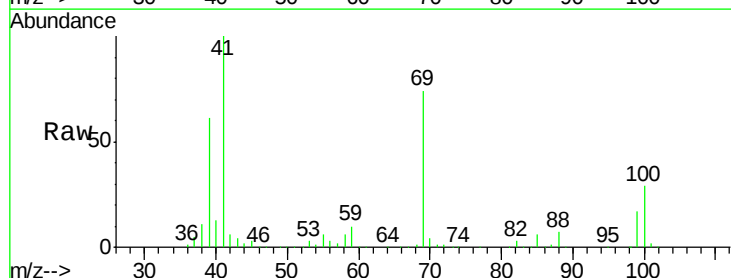
Tgt Ion: 41 Resp: 163588

Ion Ratio Lower Upper

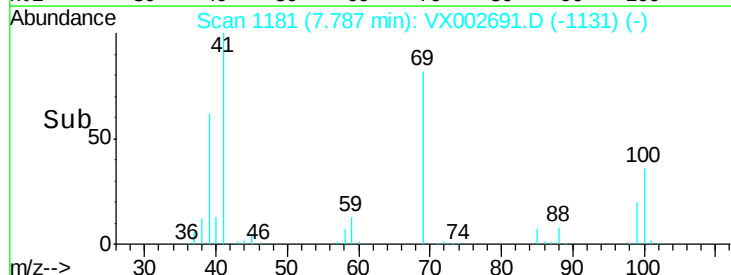
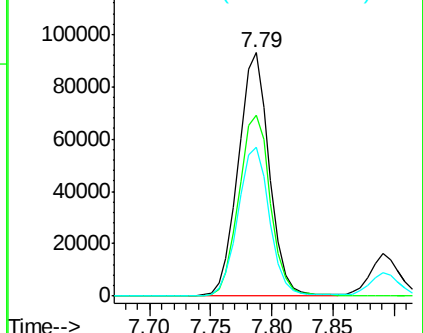
41 100

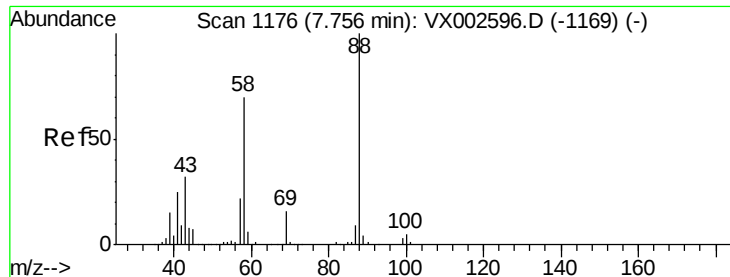
69 76.2 59.1 88.7

39 62.0 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

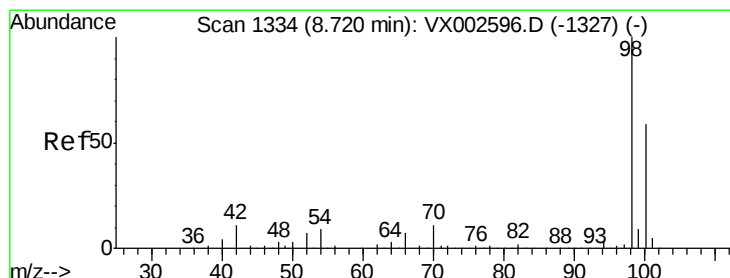
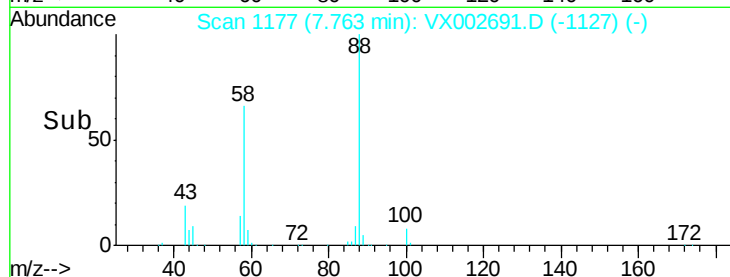
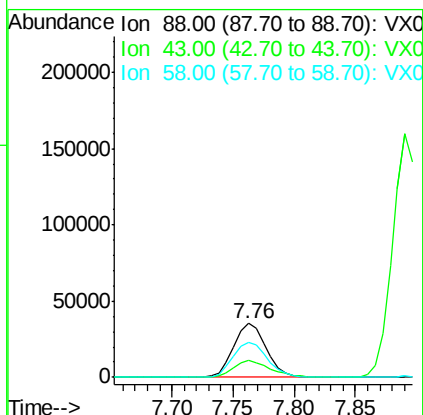
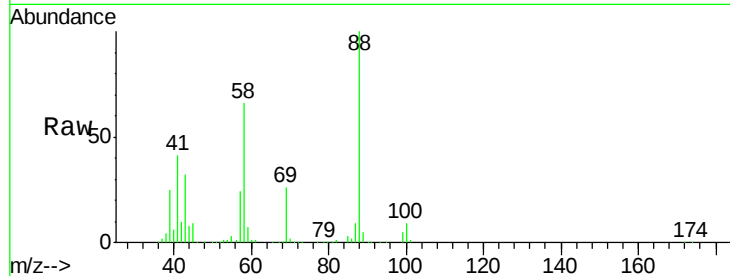




#49
1,4-Dioxane
Concen: 1094.77 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

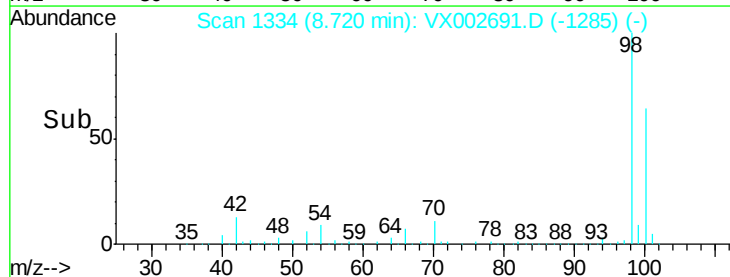
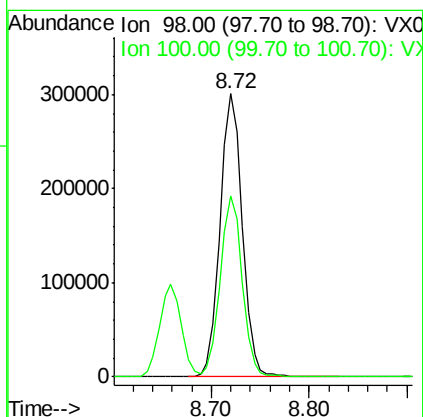
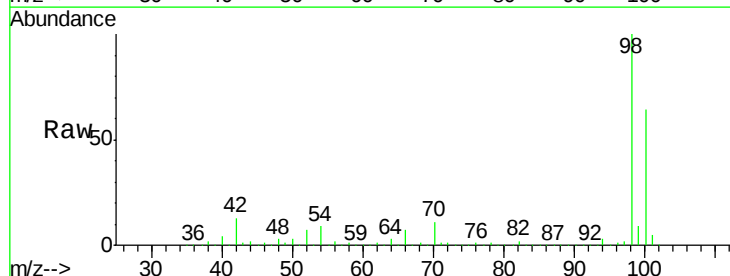
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	88	Resp	65731
Ion	Ratio	Lower	Upper
88	100		
43	34.7	29.8	44.6
58	68.6	57.1	85.7



#50
Toluene-d8
Concen: 50.21 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion	98	Resp	474015
Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.9	76.3





#51

4-Methyl-2-Pentanone

Concen: 265.88 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.01 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

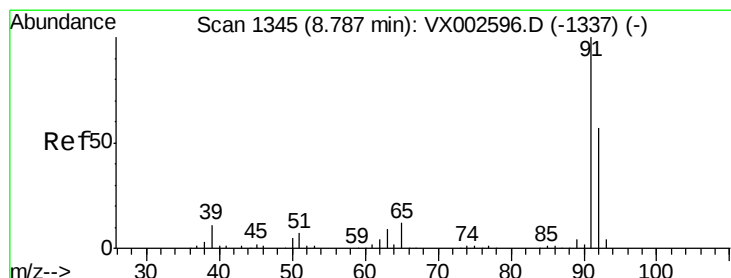
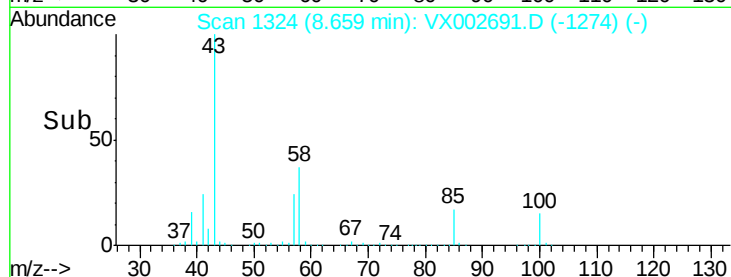
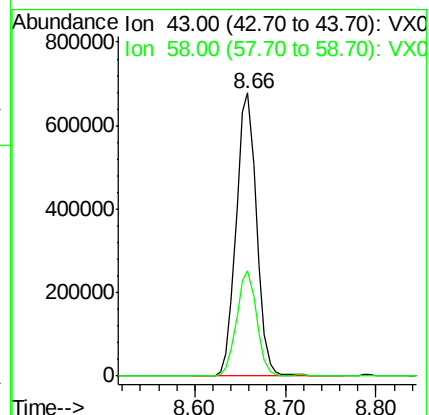
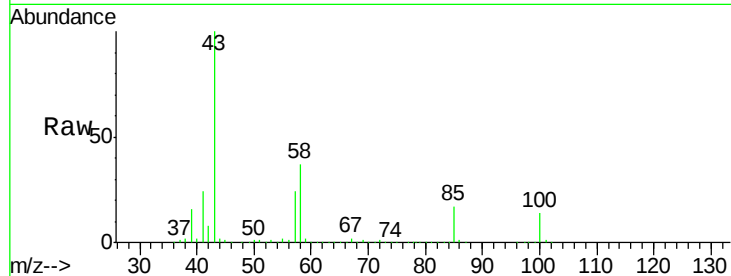
ClientSampleId :

Tot Ion: 43 Resp: 1059156

Ion Ratio Lower Upper

43 100

58 36.5 28.6 42.8



#52

Toluene

Concen: 49.99 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002691.D

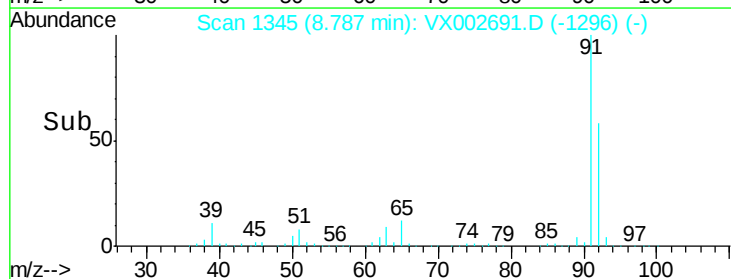
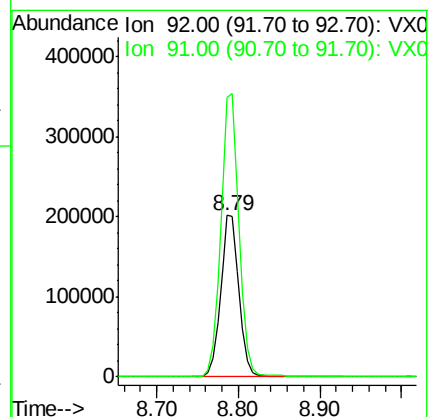
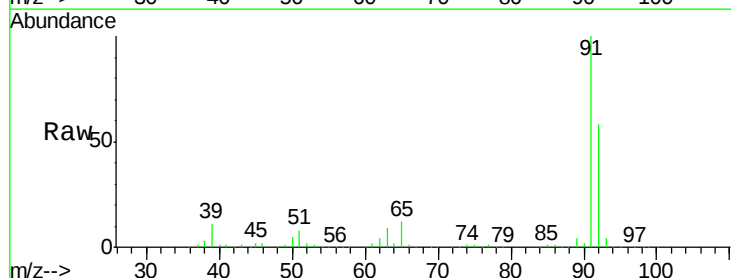
Acq: 18 Jun 2018 21:01

Tgt Ion: 92 Resp: 316317

Ion Ratio Lower Upper

92 100

91 175.9 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 47.27 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

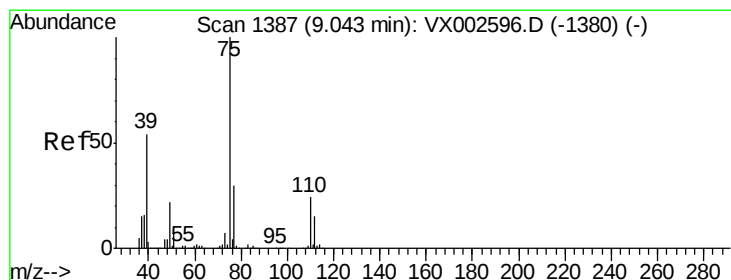
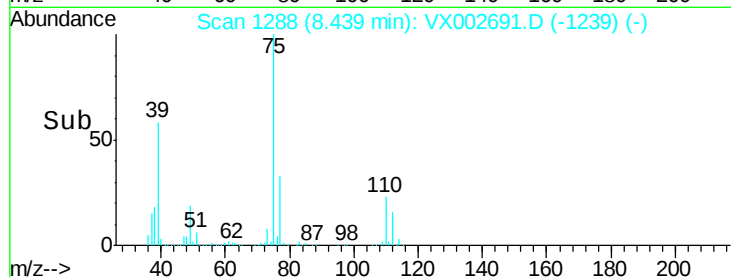
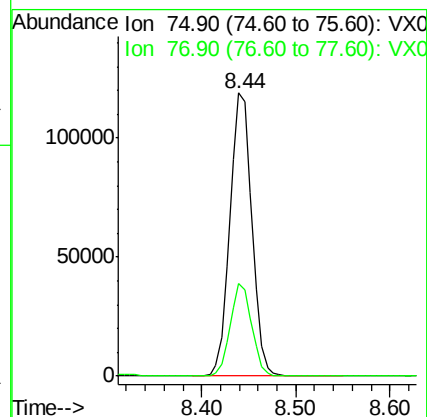
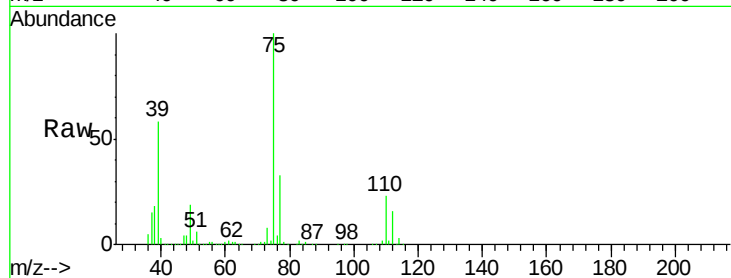
ClientSampled :

Tot Ion: 75 Resp: 192185

Ion Ratio Lower Upper

75 100

77 32.6 25.4 38.2



#54

cis-1,3-Dichloropropene

Concen: 46.55 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

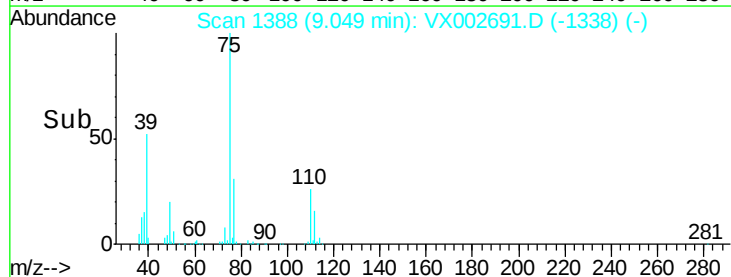
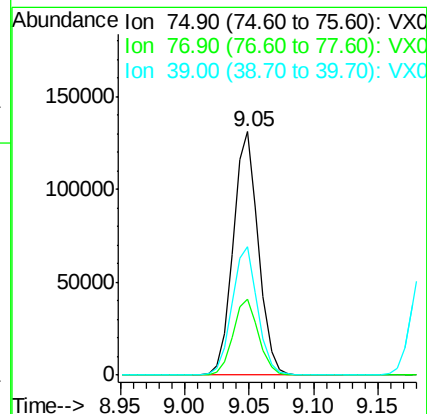
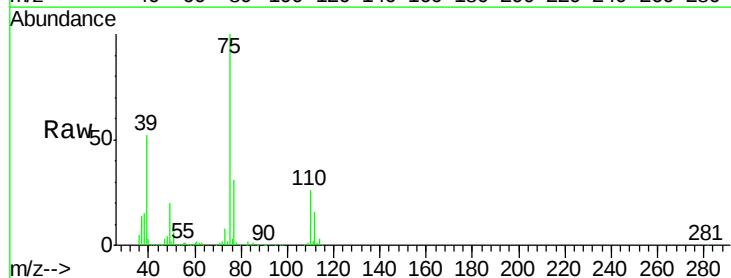
Tgt Ion: 75 Resp: 180144

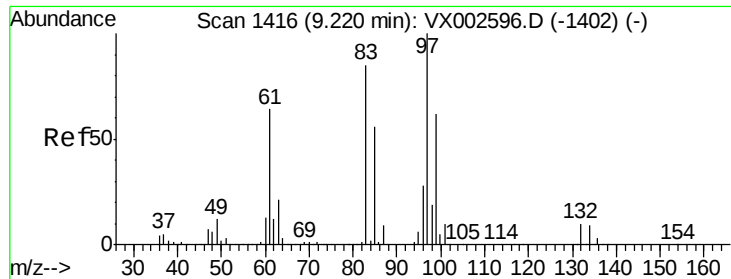
Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2

39 52.3 42.4 63.6

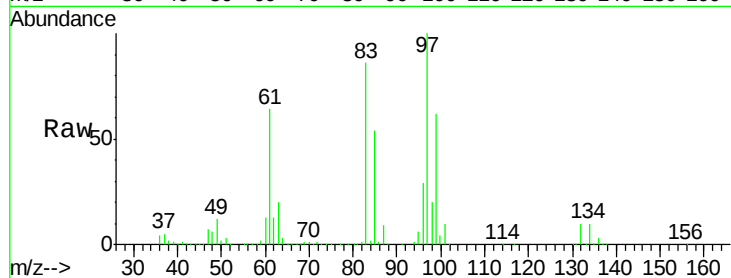




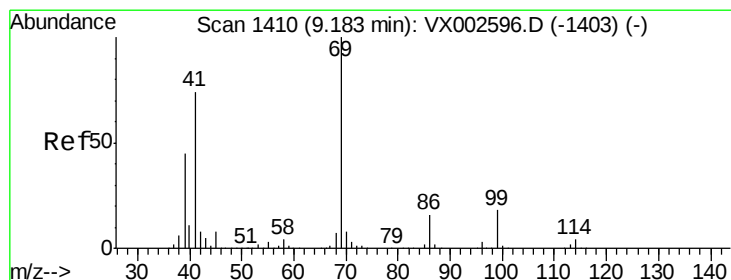
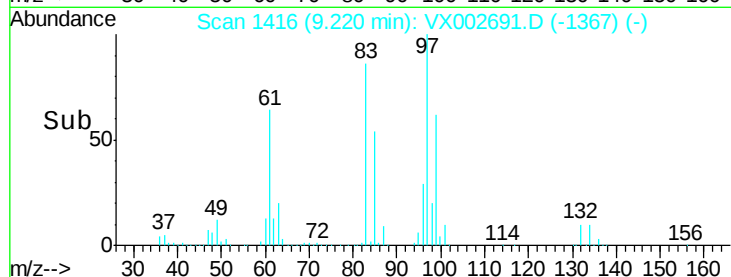
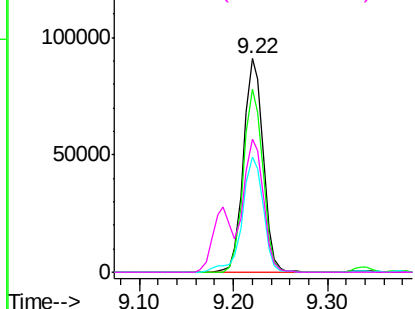
#55
 1,1,2-Trichloroethane
 Concen: 52.02 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:	97	Resp:	133012
Ion	Ratio	Lower	Upper
97	100		
83	85.9	70.2	105.2
85	53.9	44.9	67.3
99	62.4	49.8	74.8

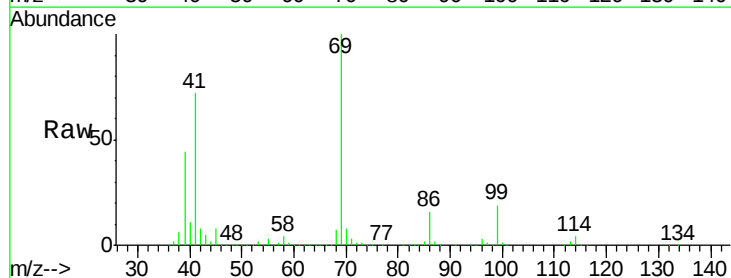


Abundance Ion 96.90 (96.60 to 97.60): VX0
 Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0
 Ion 98.90 (98.60 to 99.60): VX0

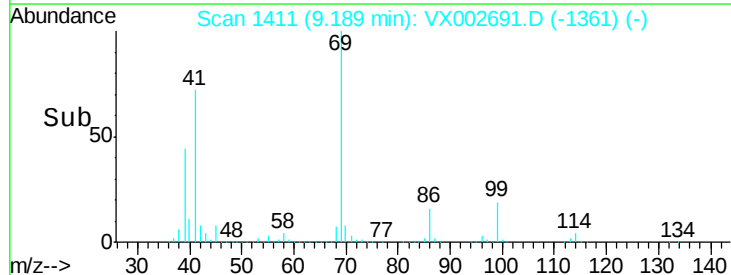
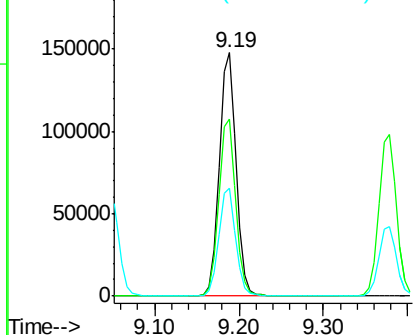


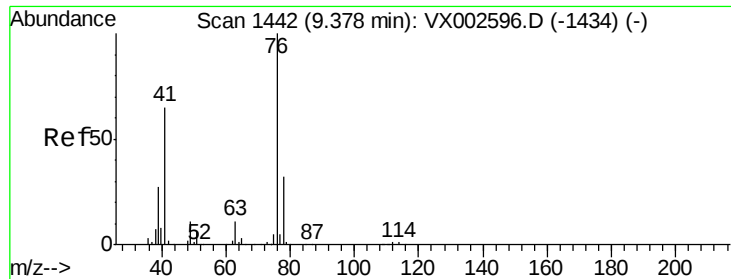
#56
 Ethyl methacrylate
 Concen: 51.85 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Tgt Ion:	69	Resp:	204030
Ion	Ratio	Lower	Upper
69	100		
41	73.0	60.3	90.5
39	44.7	35.8	53.8



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

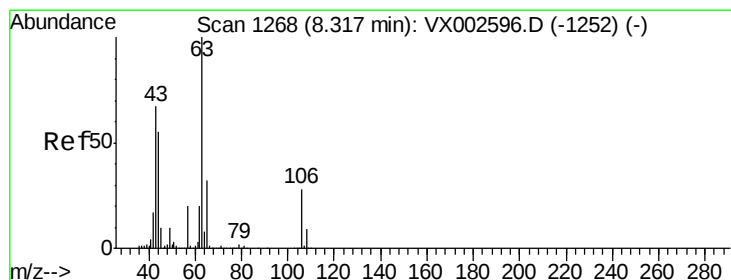
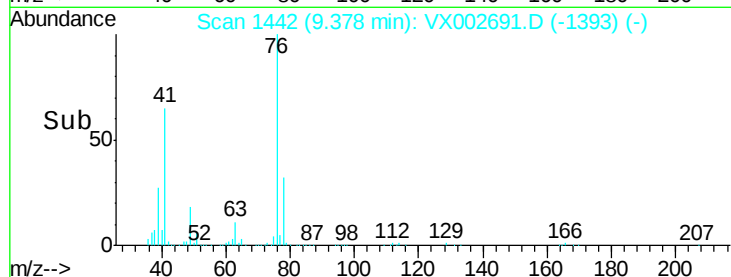
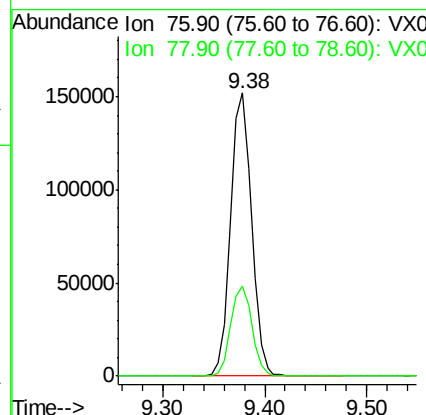
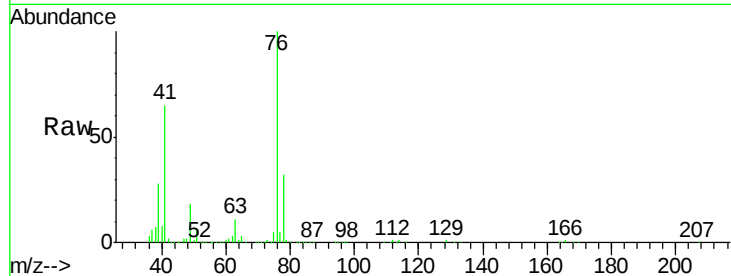




#57
 1,3-Dichloropropane
 Concen: 49.96 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

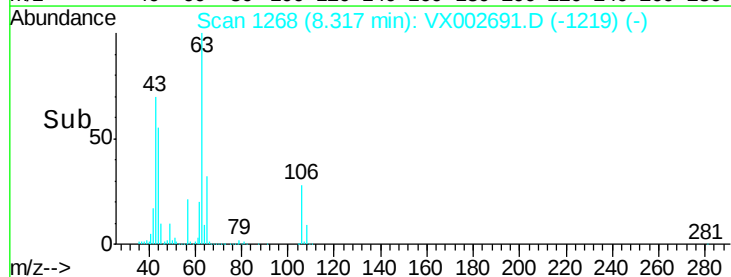
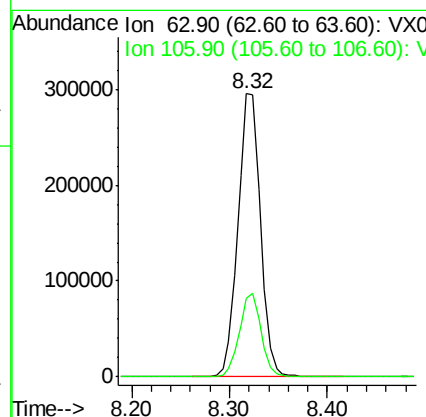
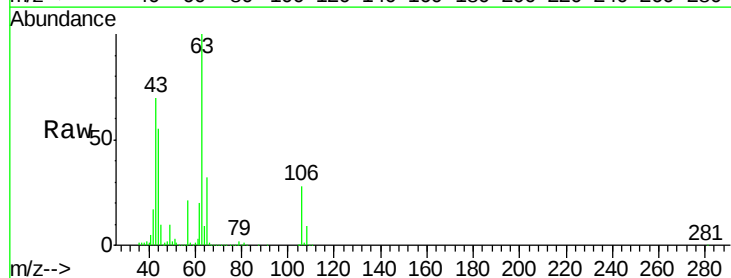
Instrument :
 MSVOA_X
 ClientSampleId :

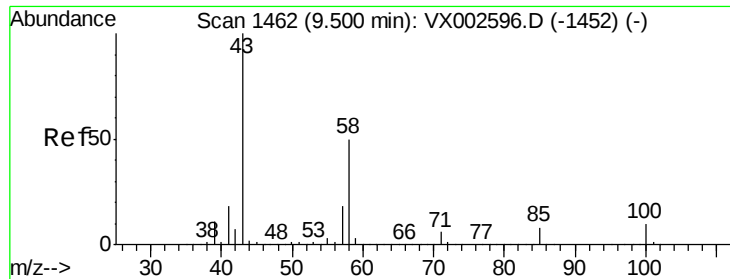
Tot Ion: 76 Resp: 216056
 Ion Ratio Lower Upper
 76 100
 78 32.2 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 247.31 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Tgt Ion: 63 Resp: 470696
 Ion Ratio Lower Upper
 63 100
 106 28.4 21.8 32.8

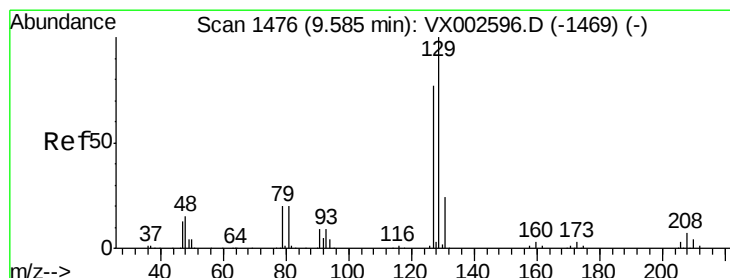
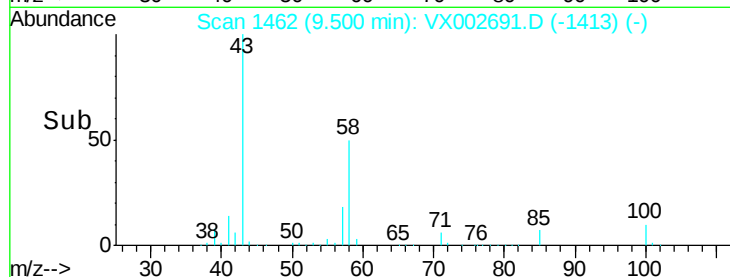
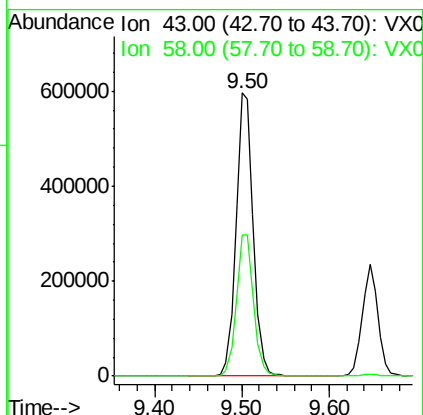
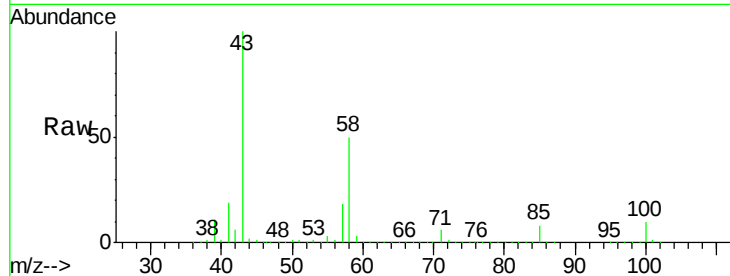




#59
2-Hexanone
Concen: 272.91 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

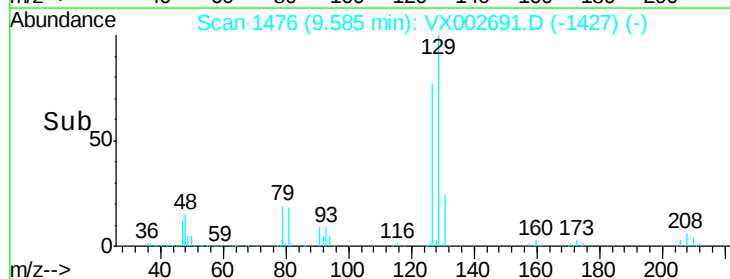
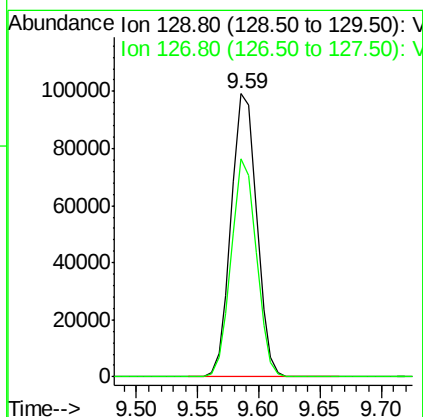
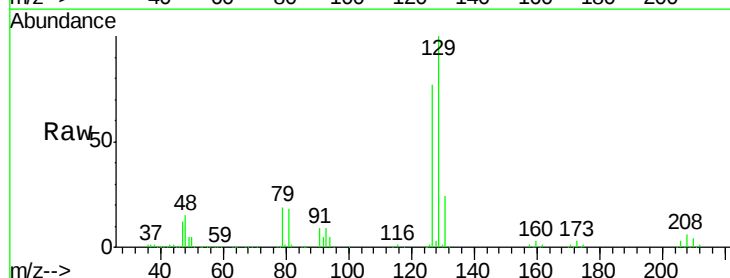
Instrument :
MSVOA_X
ClientSampleId :

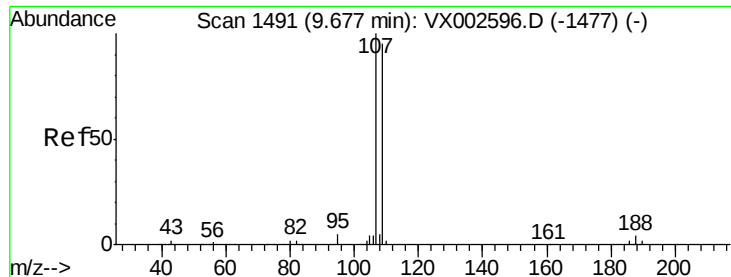
Tot Ion: 43 Resp: 819201
Ion Ratio Lower Upper
43 100
58 50.4 24.6 73.6



#60
Dibromochloromethane
Concen: 49.96 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion: 129 Resp: 143699
Ion Ratio Lower Upper
129 100
127 75.5 38.5 115.3





#61

1,2-Dibromoethane

Concen: 53.38 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

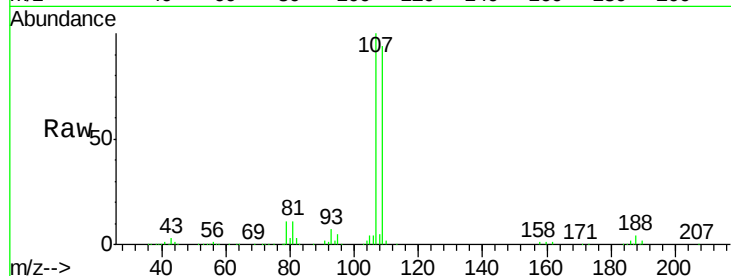
ClientSampleId :

Tot Ion:107 Resp: 141363

Ion Ratio Lower Upper

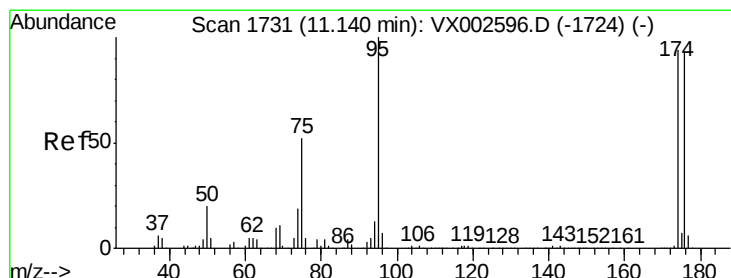
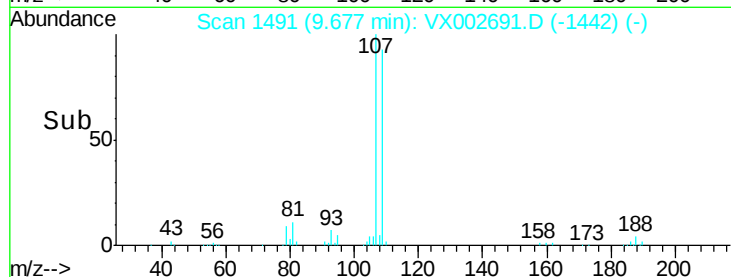
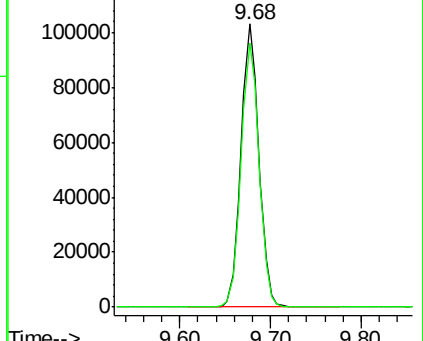
107 100

109 94.3 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 50.62 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

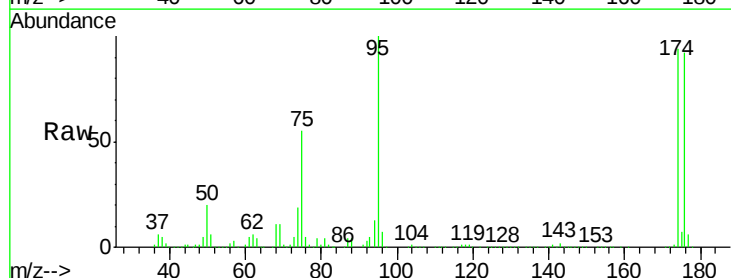
Tgt Ion: 95 Resp: 181078

Ion Ratio Lower Upper

95 100

174 97.6 0.0 187.4

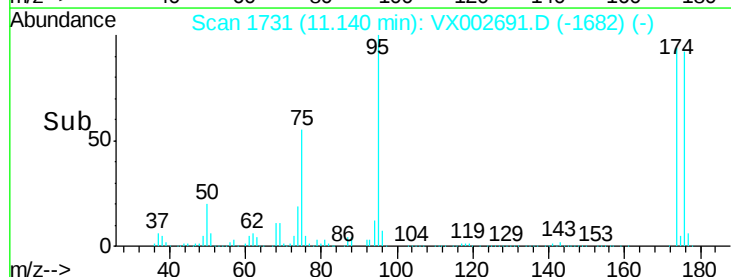
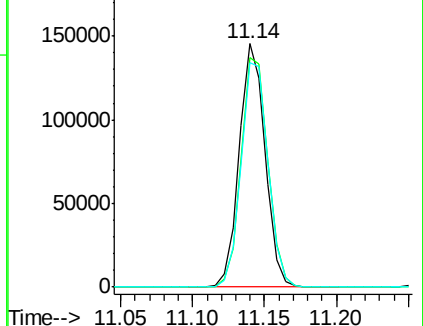
176 96.0 0.0 181.0

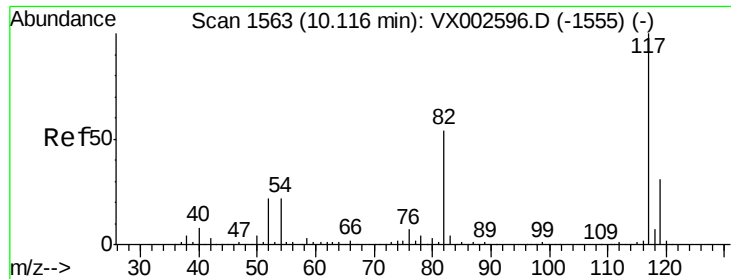


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

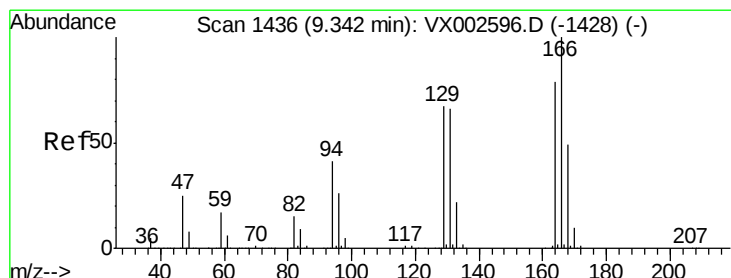
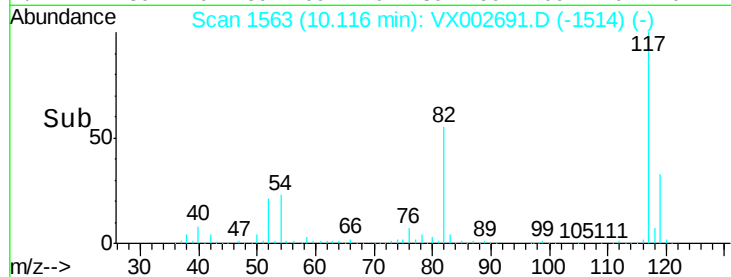
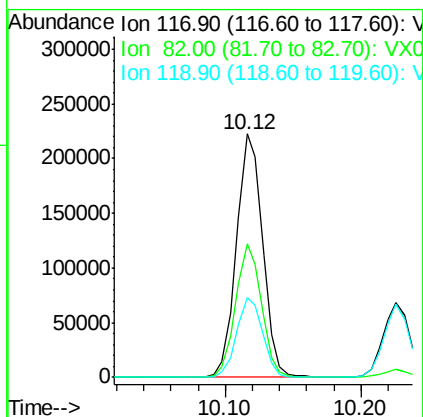
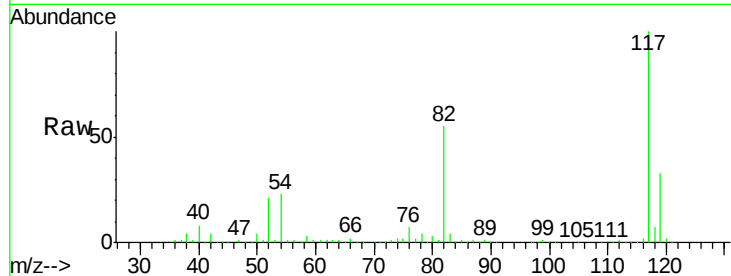




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

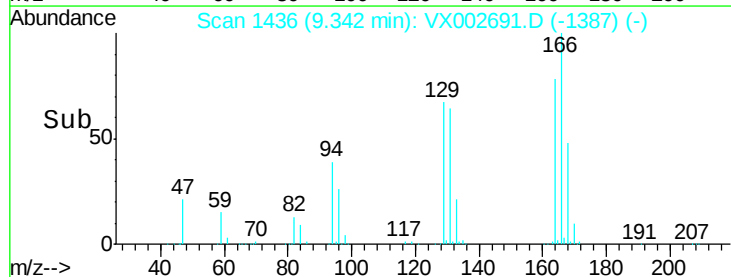
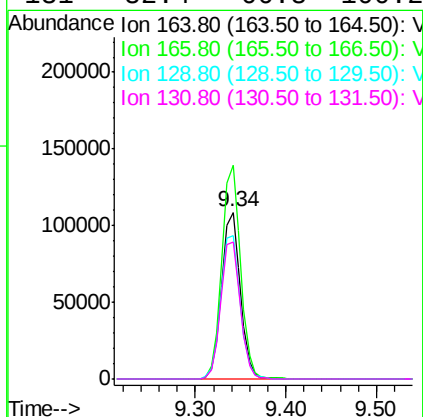
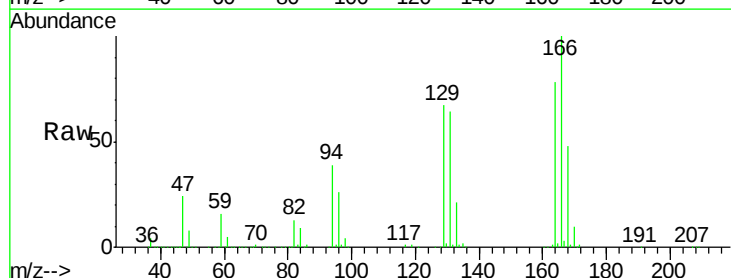
Instrument :
MSVOA_X
ClientSampled :

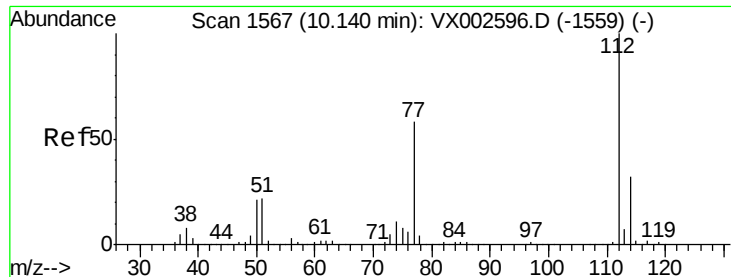
Tot Ion:117 Resp: 298119
Ion Ratio Lower Upper
117 100
82 54.8 45.0 67.4
119 33.0 25.8 38.6



#64
Tetrachloroethene
Concen: 47.45 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion:164 Resp: 157030
Ion Ratio Lower Upper
164 100
166 128.0 102.9 154.3
129 85.9 68.6 102.8
131 82.4 66.8 100.2

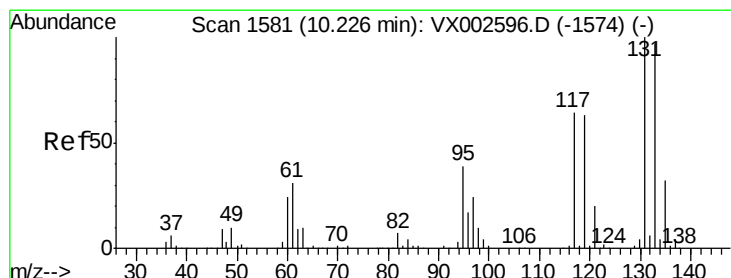
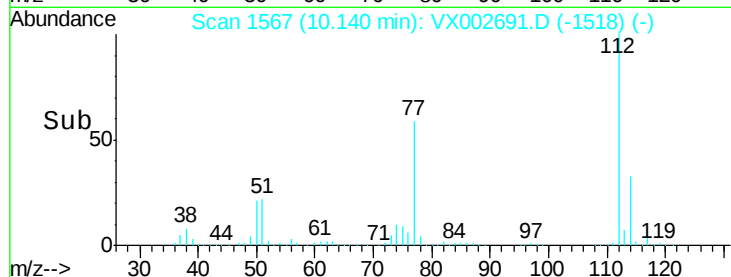
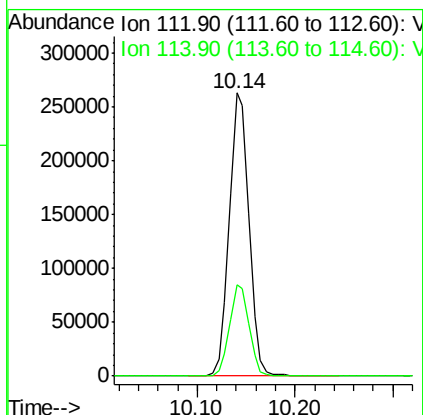
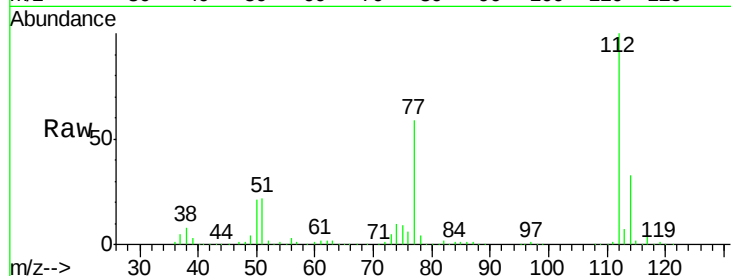




#65
Chlorobenzene
Concen: 50.10 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. -0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

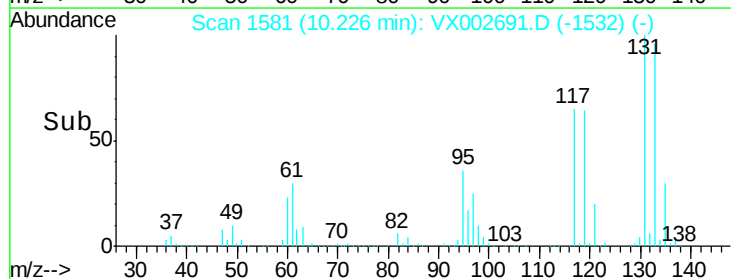
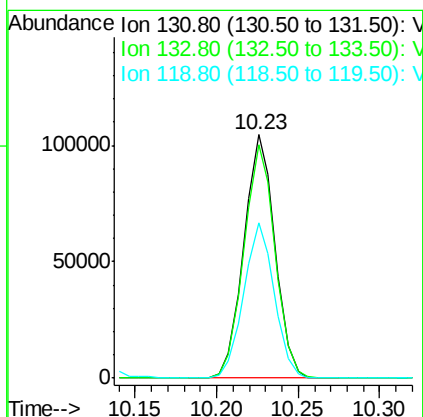
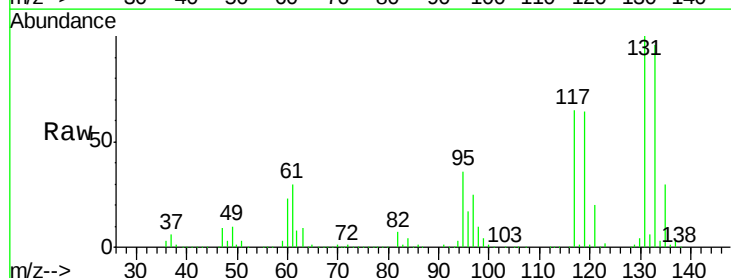
Instrument :
MSVOA_X
ClientSampleId :

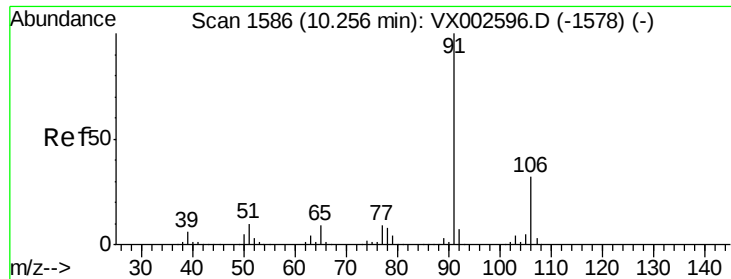
Tot Ion:112 Resp: 366771
Ion Ratio Lower Upper
112 100
114 32.5 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 55.64 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. -0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion:131 Resp: 138874
Ion Ratio Lower Upper
131 100
133 96.0 47.9 143.6
119 62.8 31.8 95.3

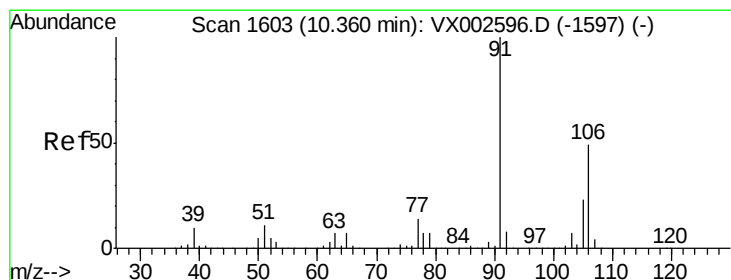
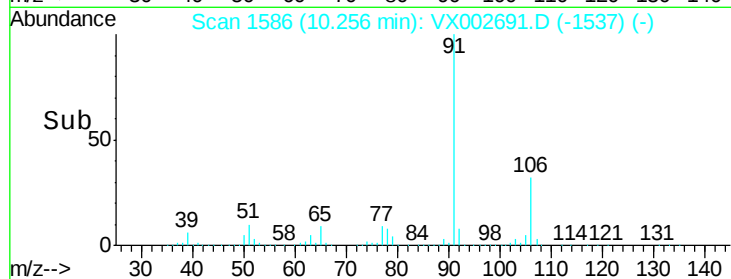
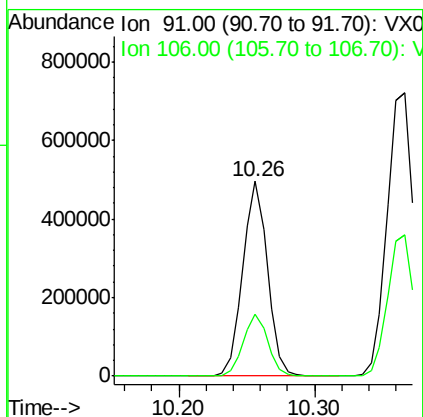
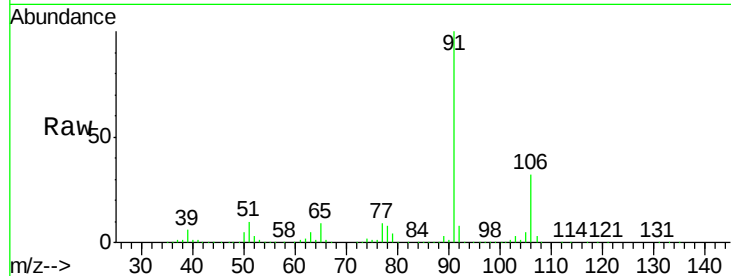




#67
Ethyl Benzene
Concen: 51.02 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

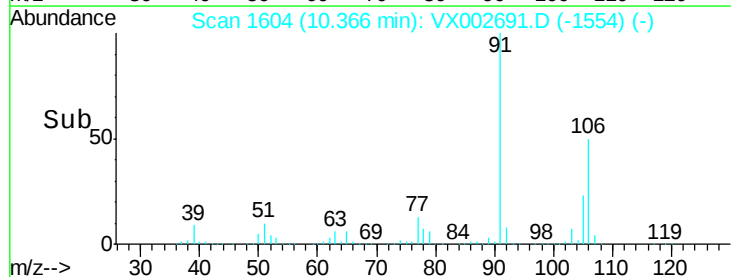
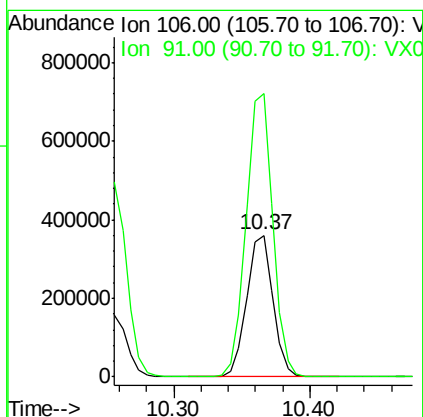
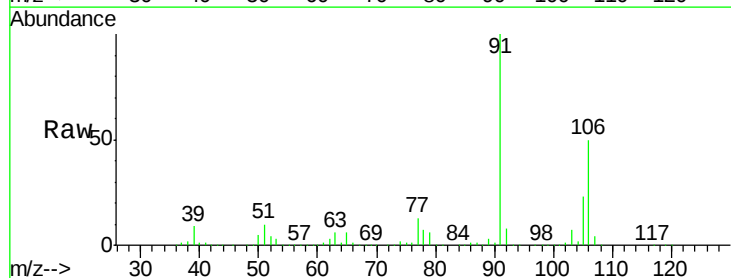
Instrument :
MSVOA_X
ClientSampled :

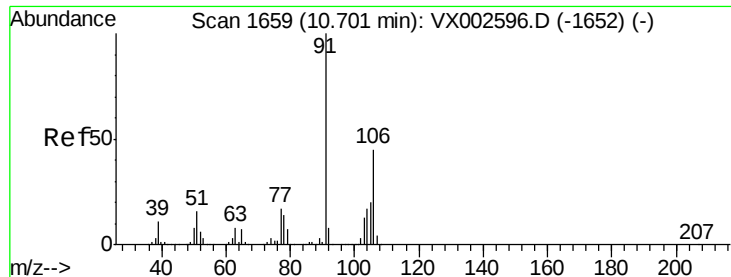
Tot Ion: 91 Resp: 630077
Ion Ratio Lower Upper
91 100
106 32.0 25.5 38.3



#68
m/p-Xylenes
Concen: 102.49 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.01 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion: 106 Resp: 488198
Ion Ratio Lower Upper
106 100
91 203.7 163.4 245.2

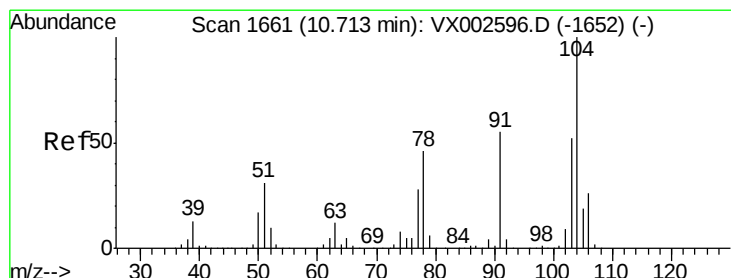
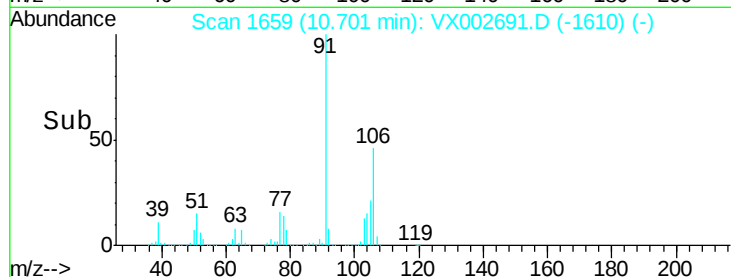
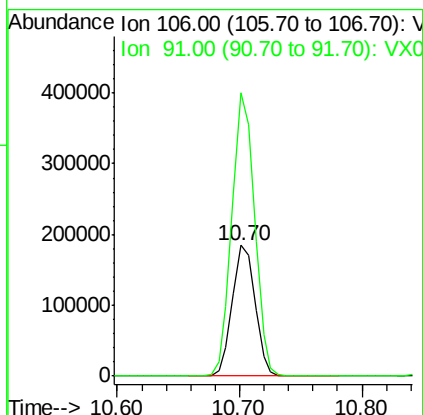
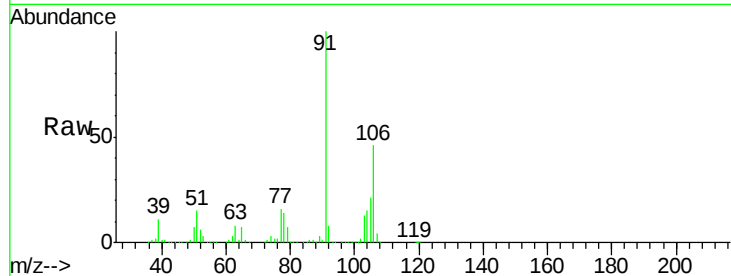




#69
o-Xylene
Concen: 51.11 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

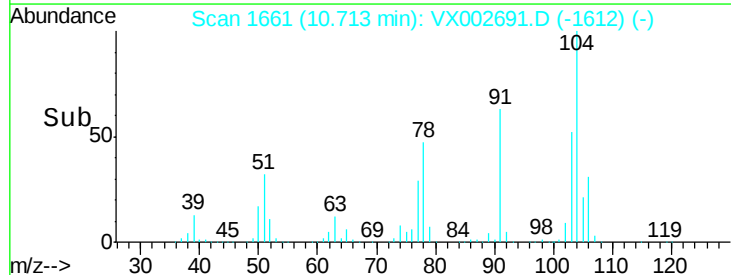
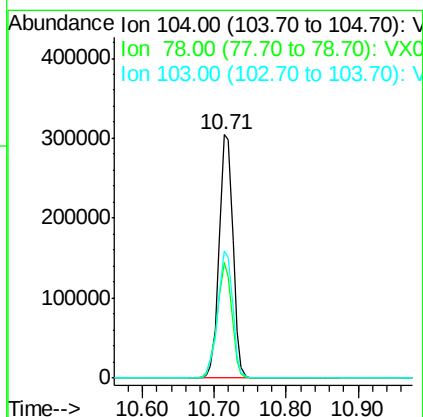
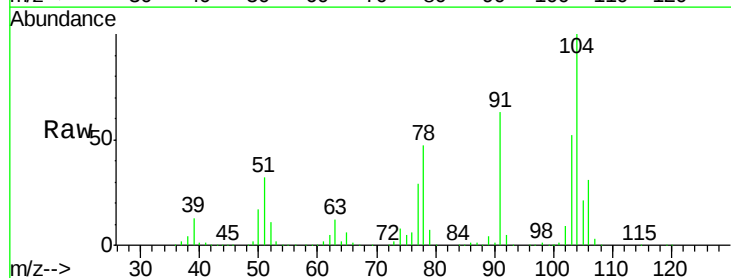
Instrument :
MSVOA_X
ClientSampled :

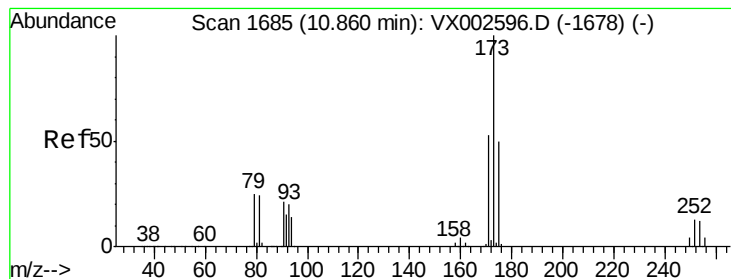
Tot Ion:106 Resp: 239222
Ion Ratio Lower Upper
106 100
91 214.2 108.2 324.6



#70
Styrene
Concen: 52.45 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002691.D
Acq: 18 Jun 2018 21:01

Tgt Ion:104 Resp: 403680
Ion Ratio Lower Upper
104 100
78 50.4 41.0 61.6
103 56.1 44.2 66.4





#71

Bromoform

Concen: 49.56 ug/l

RT: 10.86 min Scan# 1685

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

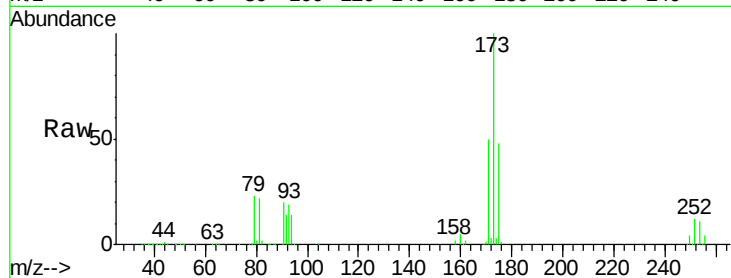
Tot Ion:173 Resp: 112522

Ion Ratio Lower Upper

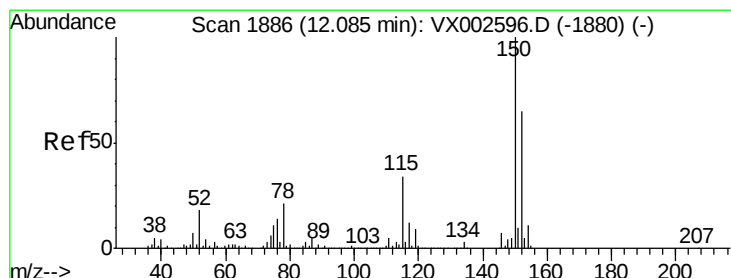
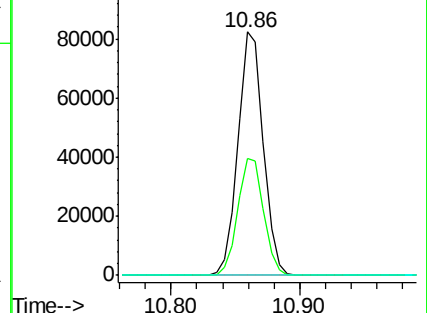
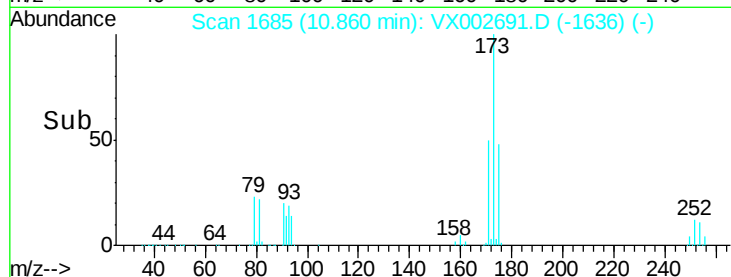
173 100

175 49.1 24.7 74.1

254 0.2 0.2 0.2



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



#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

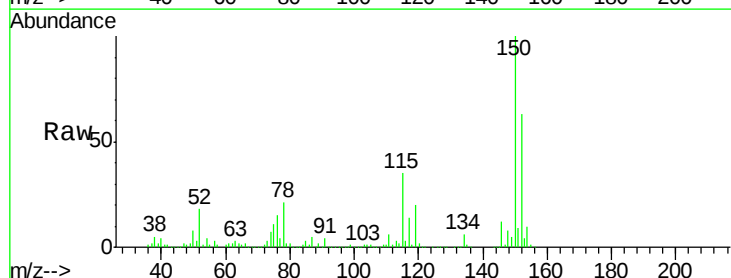
Tgt Ion:152 Resp: 194210

Ion Ratio Lower Upper

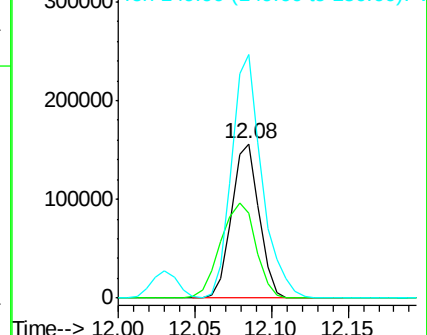
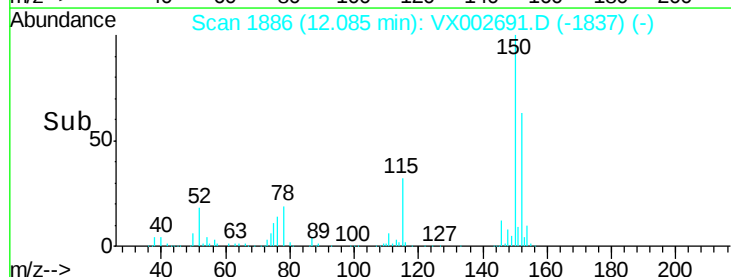
152 100

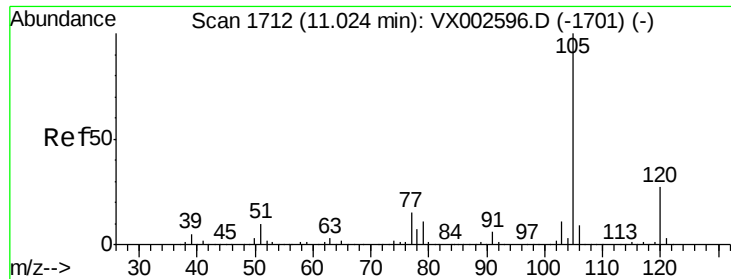
115 79.8 40.1 120.2

150 173.9 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: 50.90 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

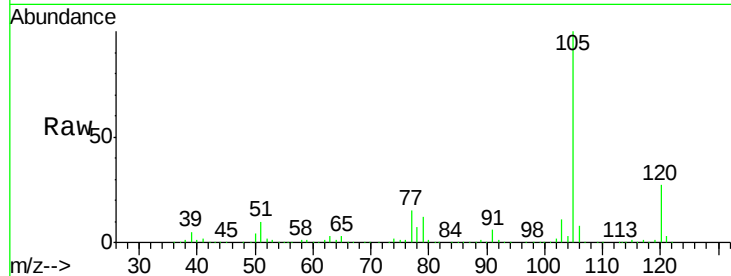
ClientSampleId :

Tot Ion:105 Resp: 661086

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

600000

500000

400000

300000

200000

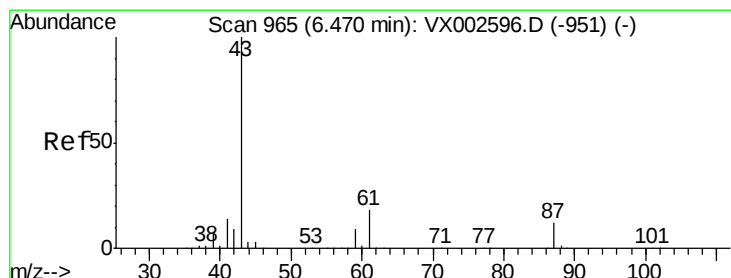
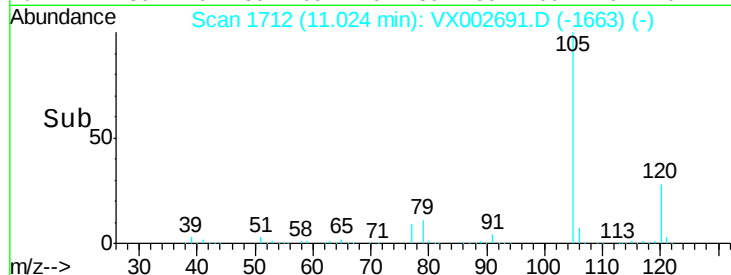
100000

0

11.02

10.95 11.00 11.05 11.10

Time-->



#74

N-ethyl acetate

Concen: 48.96 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Tgt Ion: 43 Resp: 315997

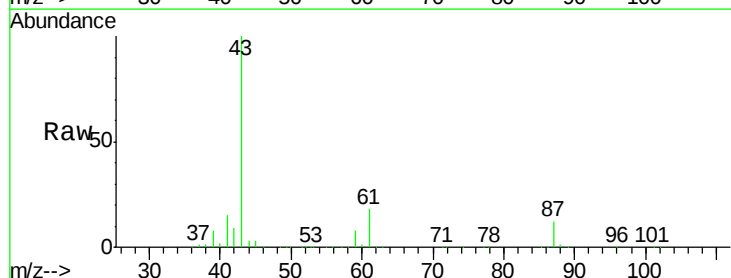
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.3 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

200000

150000

100000

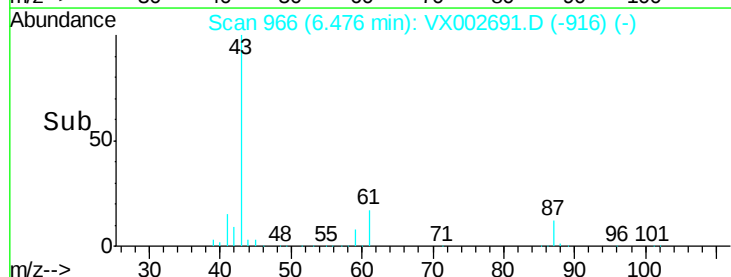
50000

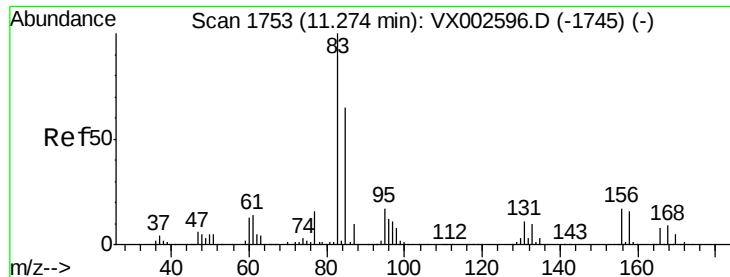
0

6.48

6.30 6.40 6.50 6.60

Time-->





#75

1,1,2,2-Tetrachloroethane

Concen: 53.22 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

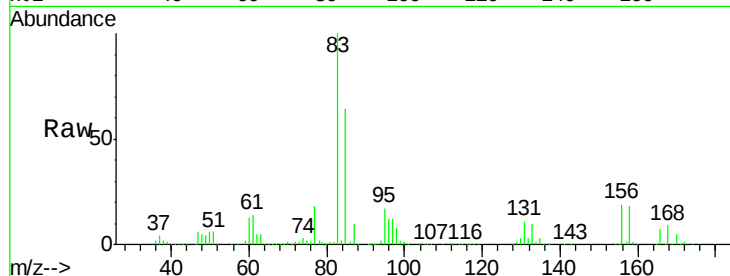
Tot Ion: 83 Resp: 204142

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

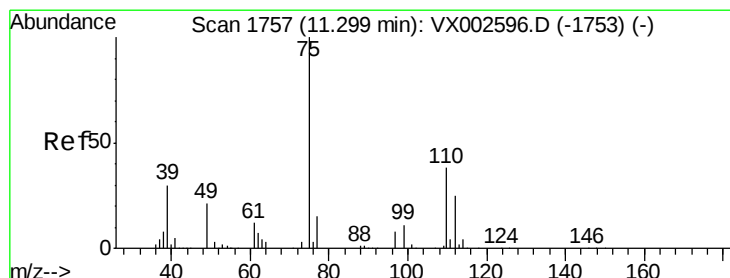
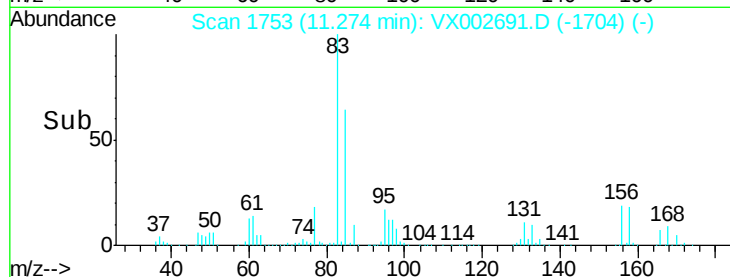
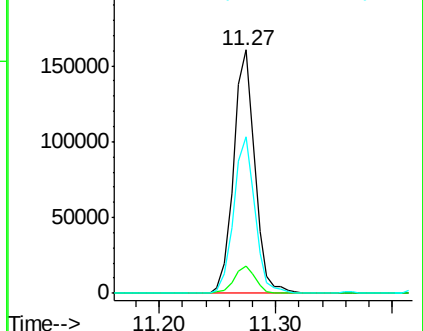
85 64.6 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 62.96 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002691.D

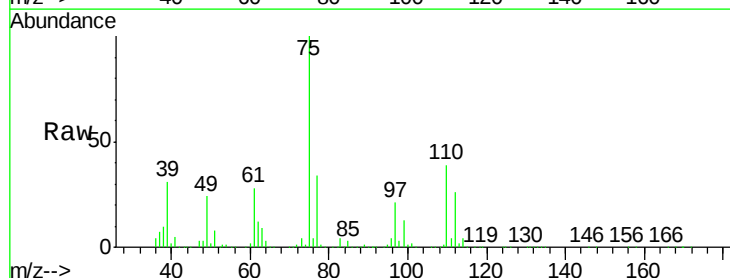
Acq: 18 Jun 2018 21:01

Tgt Ion: 75 Resp: 230713

Ion Ratio Lower Upper

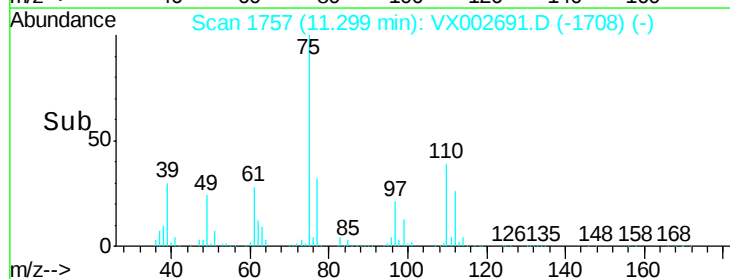
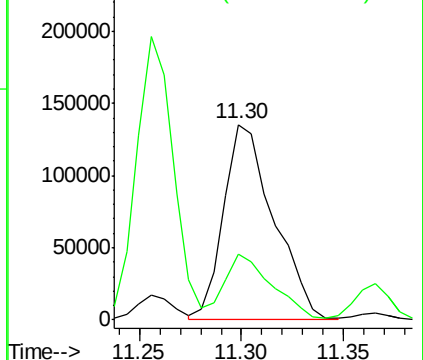
75 100

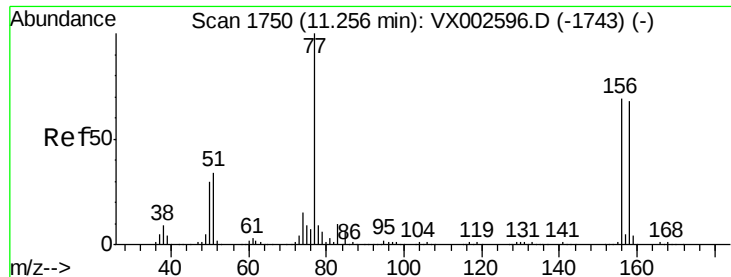
77 32.3 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 50.10 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampled :

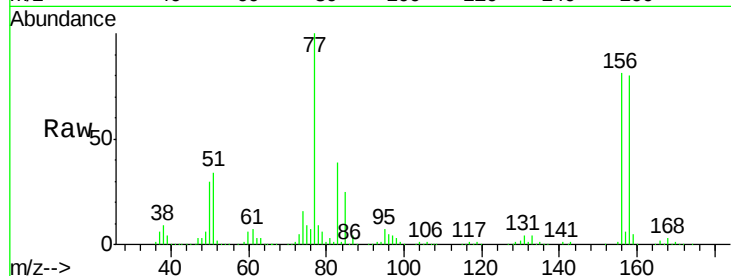
Tot Ion:156 Resp: 181279

Ion Ratio Lower Upper

156 100

77 136.6 71.4 214.2

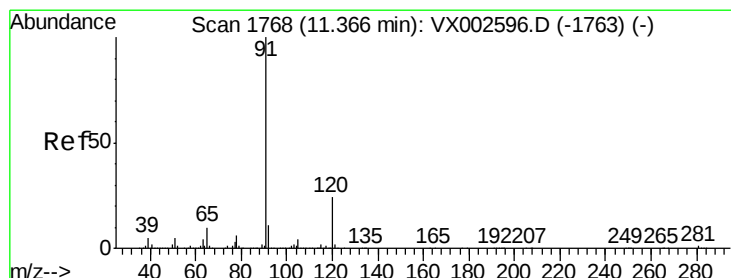
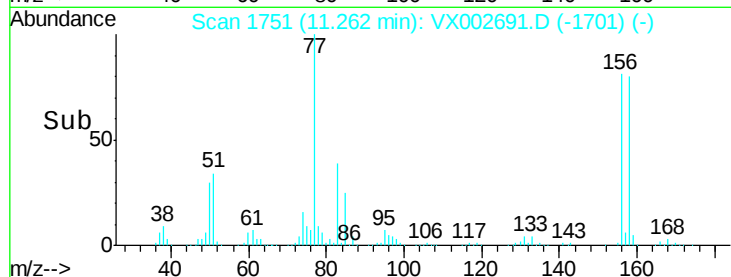
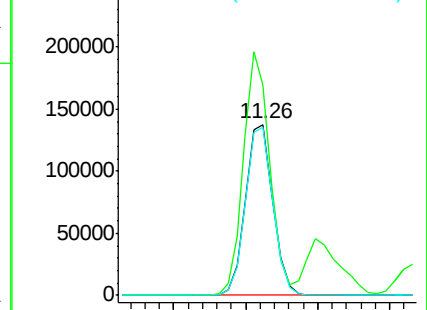
158 98.0 48.9 146.6



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: 50.54 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002691.D

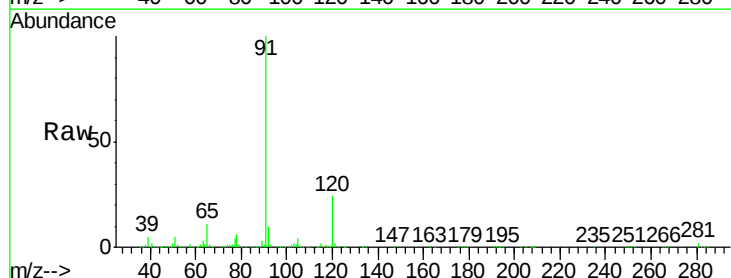
Acq: 18 Jun 2018 21:01

Tgt Ion: 91 Resp: 752798

Ion Ratio Lower Upper

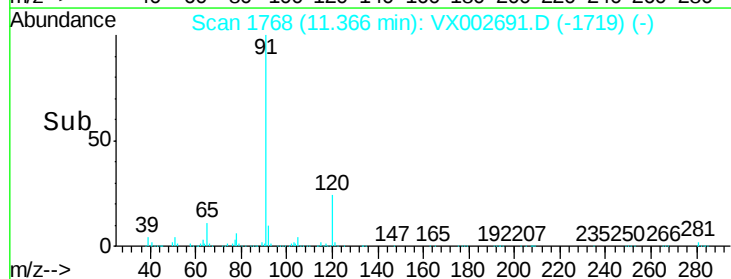
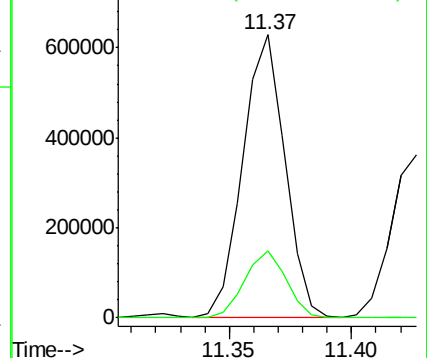
91 100

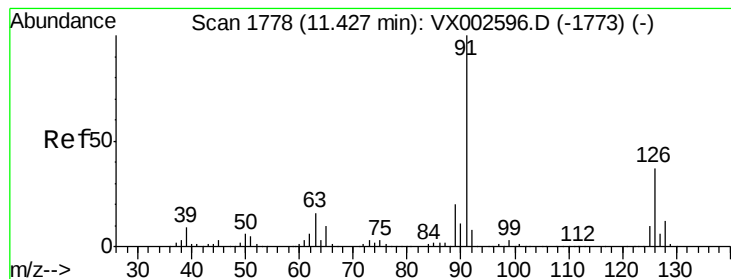
120 23.8 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 49.85 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

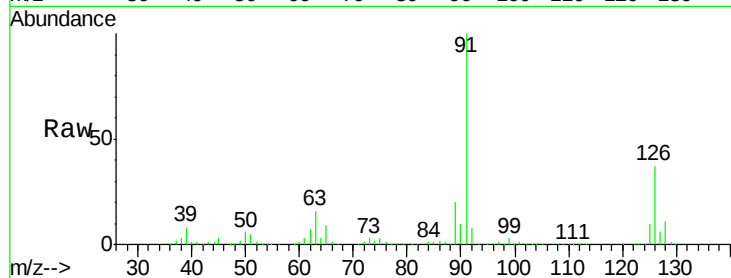
ClientSampleId :

Tot Ion: 91 Resp: 443317

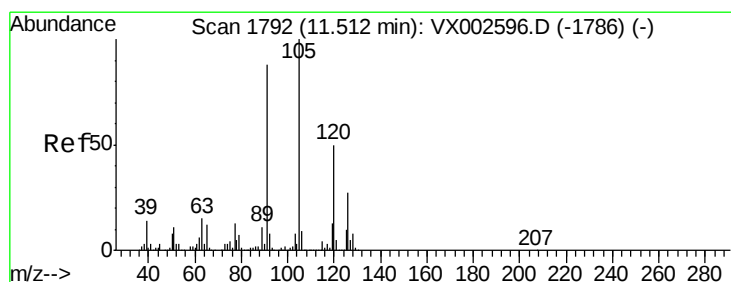
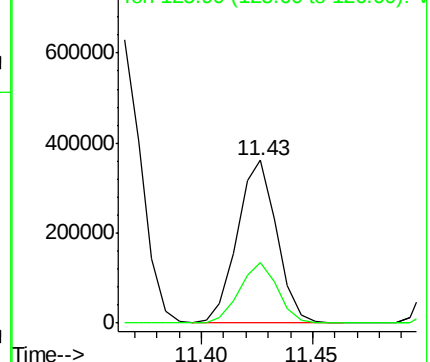
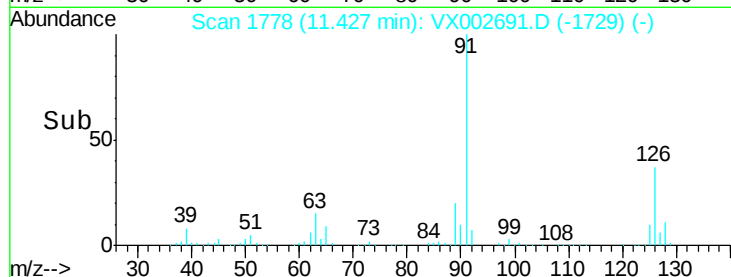
Ion Ratio Lower Upper

91 100

126 36.2 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX002691.D (-1729) (-)



#80

1,3,5-Trimethylbenzene

Concen: 50.93 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002691.D

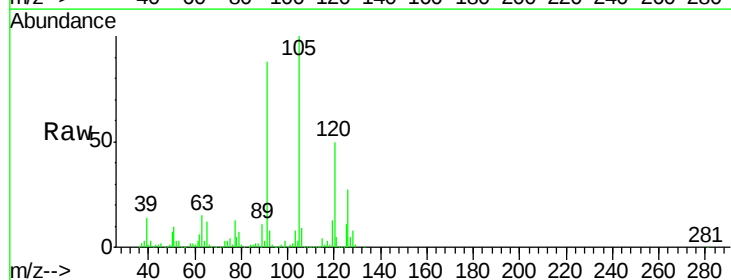
Acq: 18 Jun 2018 21:01

Tgt Ion: 105 Resp: 559054

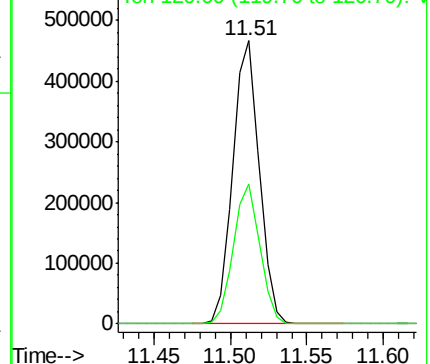
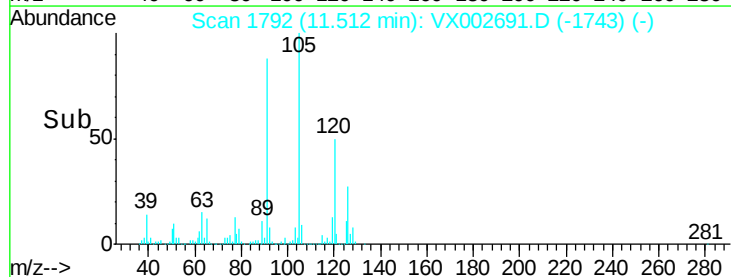
Ion Ratio Lower Upper

105 100

120 49.5 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): VX002691.D (-1743) (-)





#81

trans-1,4-Dichloro-2-butene

Concen: 43.53 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

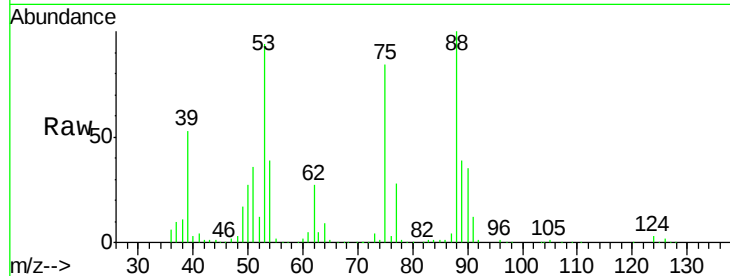
Tot Ion: 75 Resp: 49179

Ion Ratio Lower Upper

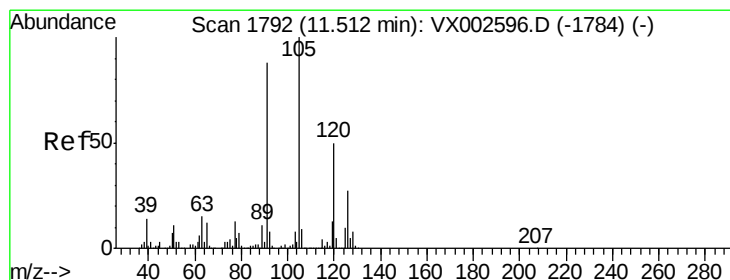
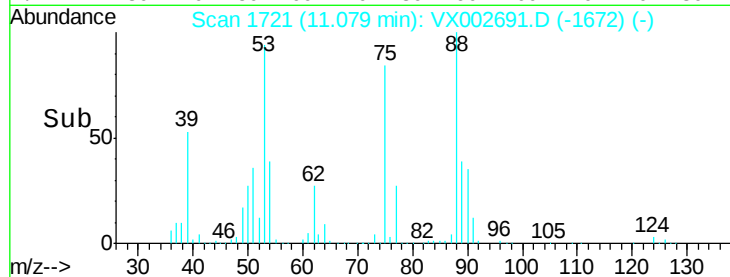
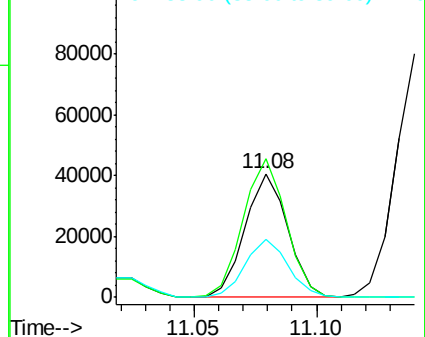
75 100

53 112.9 86.8 130.2

89 47.4 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: 49.92 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002691.D

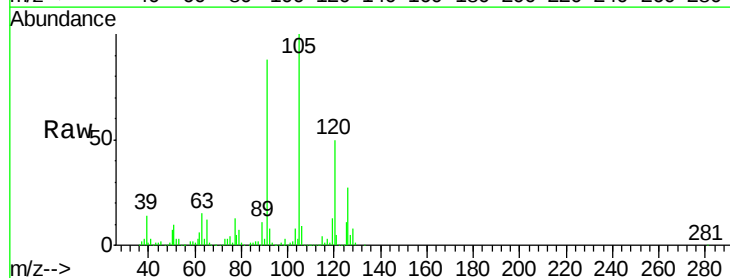
Acq: 18 Jun 2018 21:01

Tgt Ion: 91 Resp: 523918

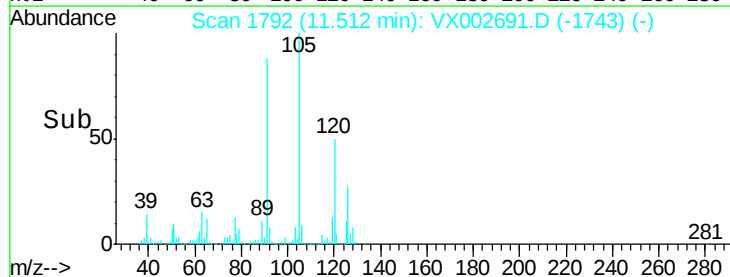
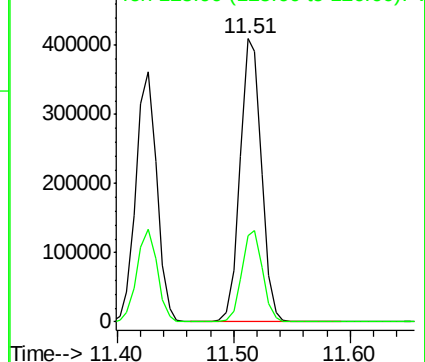
Ion Ratio Lower Upper

91 100

126 31.6 15.4 46.4



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

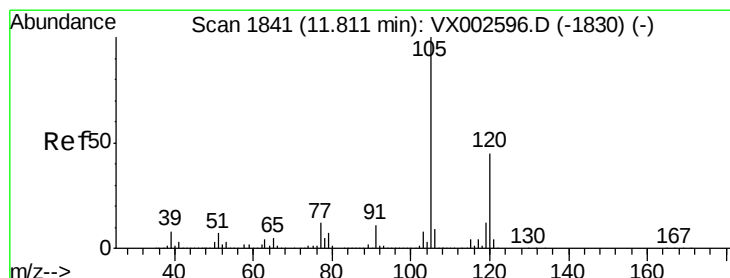
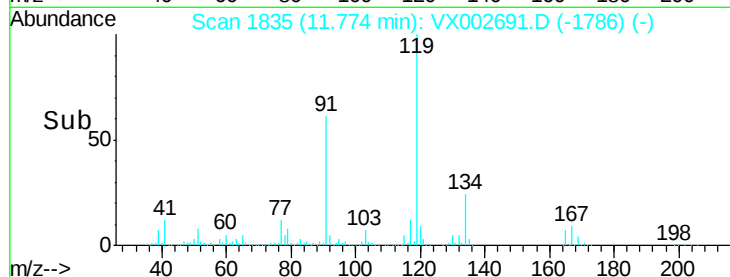
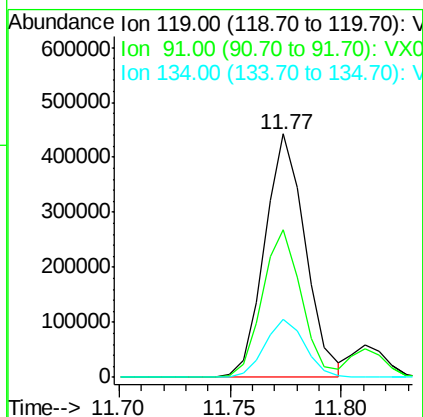
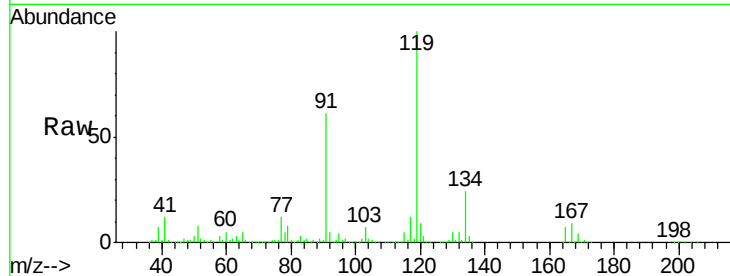




#83
 tert-Butylbenzene
 Concen: 53.00 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. -0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

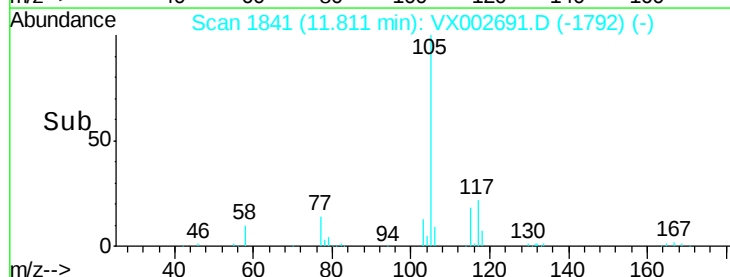
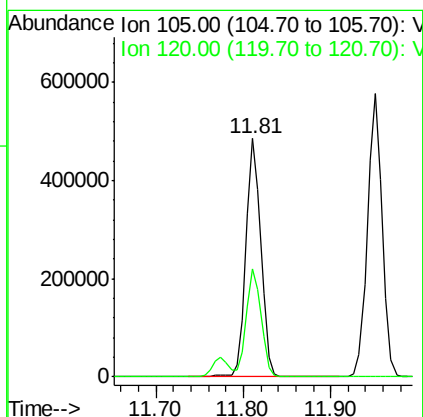
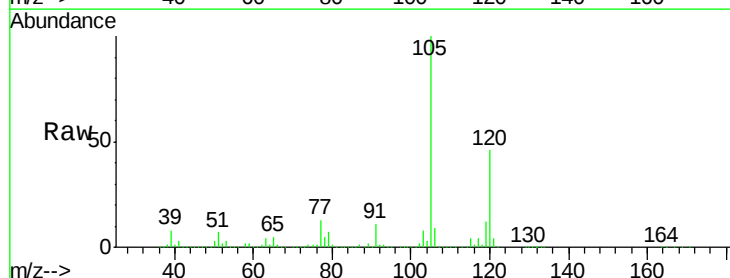
Instrument :
 MSVOA_X
 ClientSampleID :

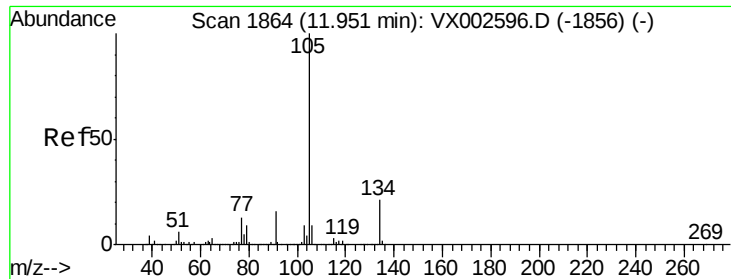
Tot Ion:119 Resp: 560462
 Ion Ratio Lower Upper
 119 100
 91 58.9 30.3 90.9
 134 23.8 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.55 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Tgt Ion:105 Resp: 577462
 Ion Ratio Lower Upper
 105 100
 120 45.2 22.3 66.8





#85

sec-Butylbenzene

Concen: 51.91 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

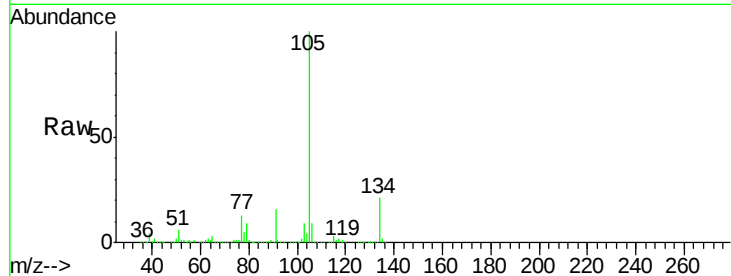
ClientSampleId :

Tot Ion:105 Resp: 682610

Ion Ratio Lower Upper

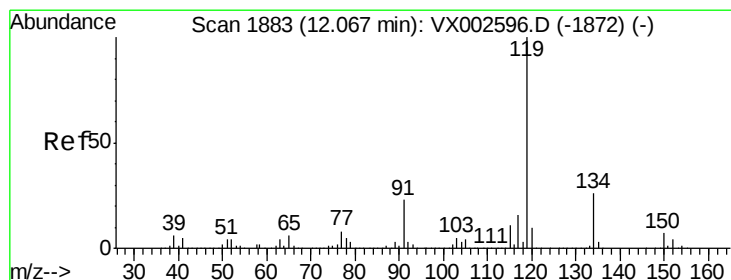
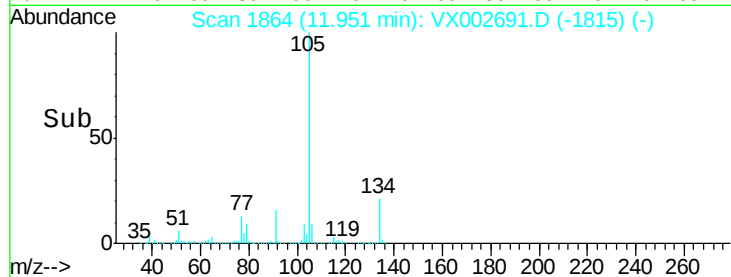
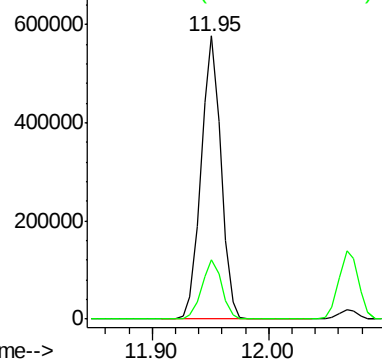
105 100

134 21.1 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 51.63 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

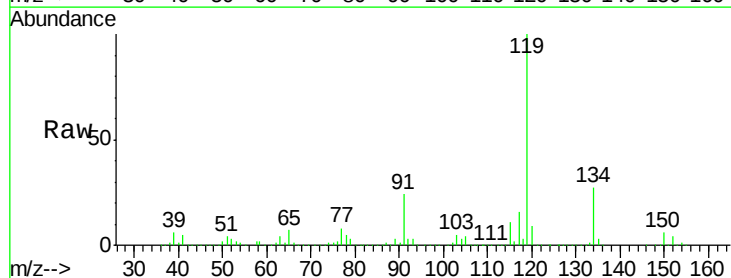
Tgt Ion:119 Resp: 614239

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

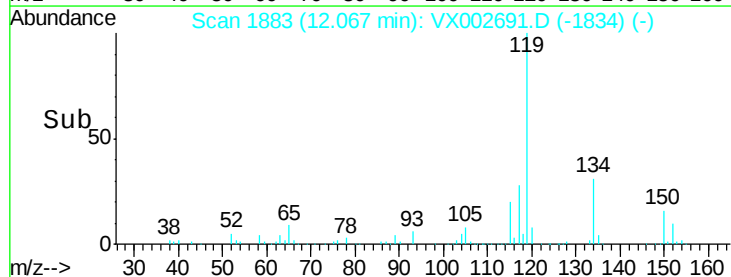
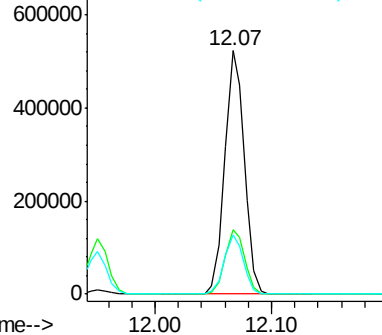
91 23.8 11.9 35.7

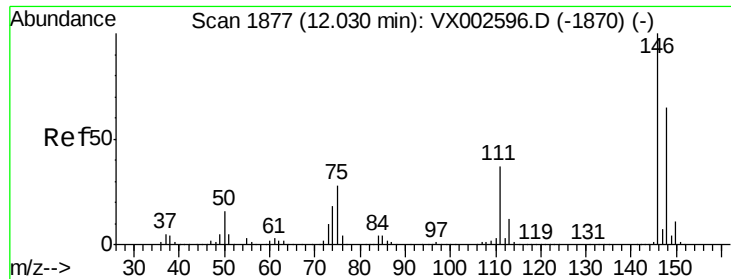


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 50.22 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. -0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

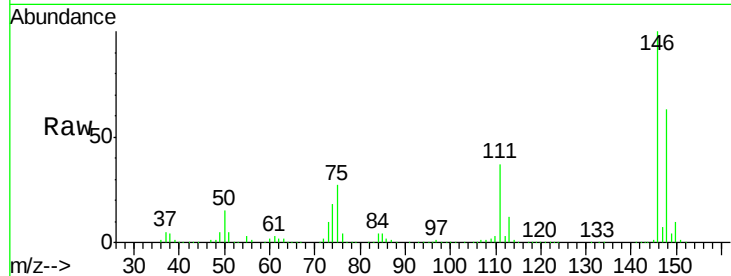
Tot Ion:146 Resp: 333254

Ion Ratio Lower Upper

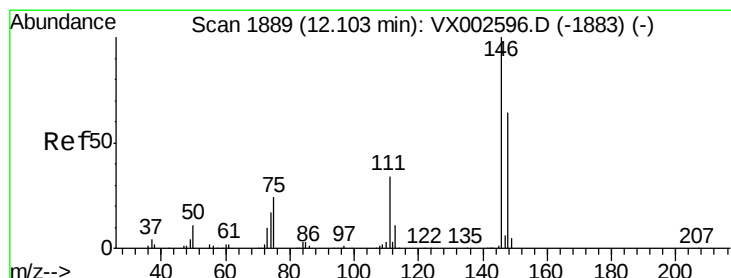
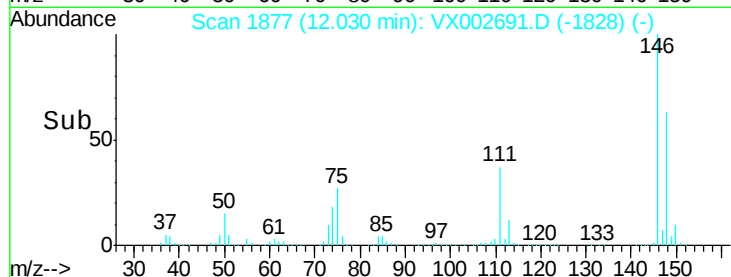
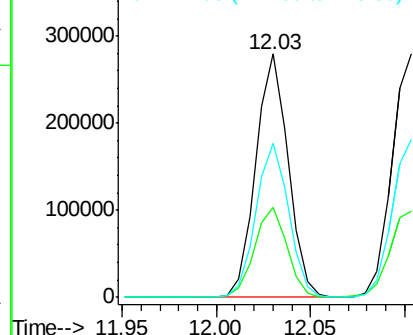
146 100

111 37.1 18.9 56.7

148 64.0 32.1 96.3



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



#88

1,4-Dichlorobenzene

Concen: 49.56 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

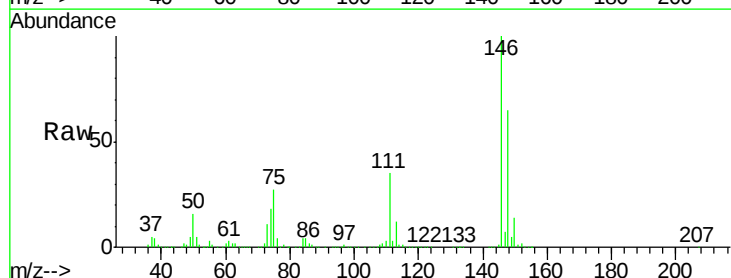
Tgt Ion:146 Resp: 334617

Ion Ratio Lower Upper

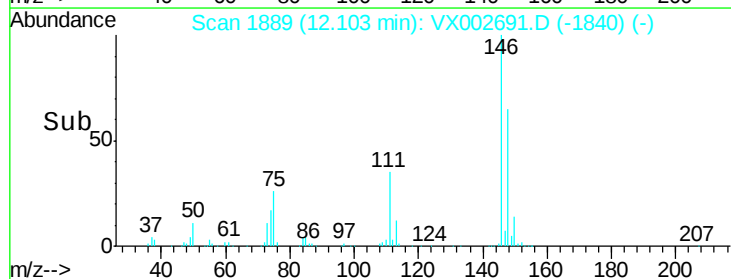
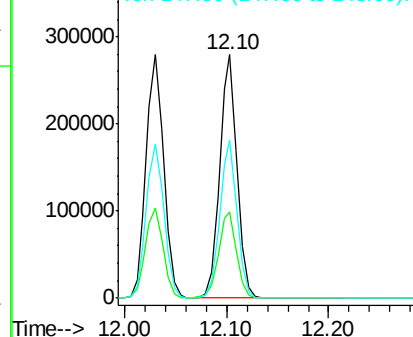
146 100

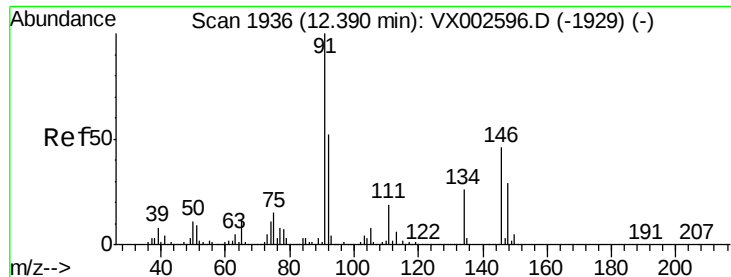
111 36.9 18.7 56.1

148 64.7 32.4 97.0



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





#89

n-Butylbenzene

Concen: 50.38 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampled :

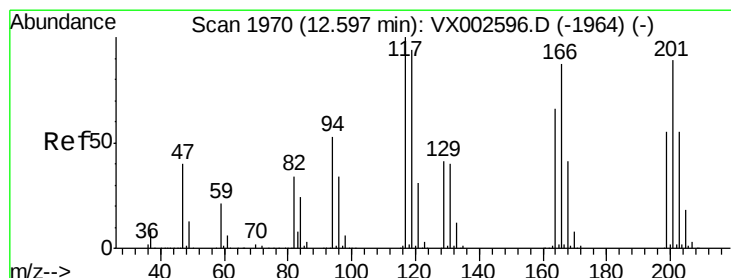
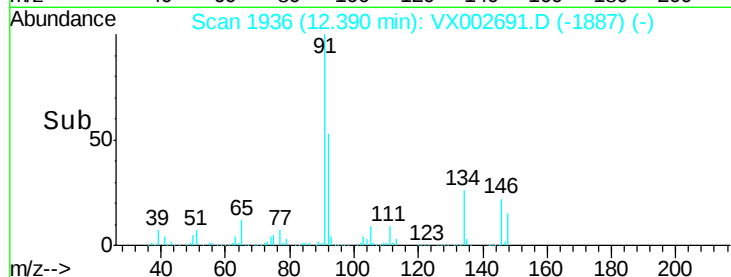
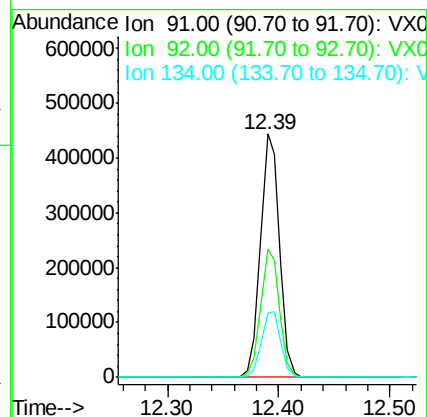
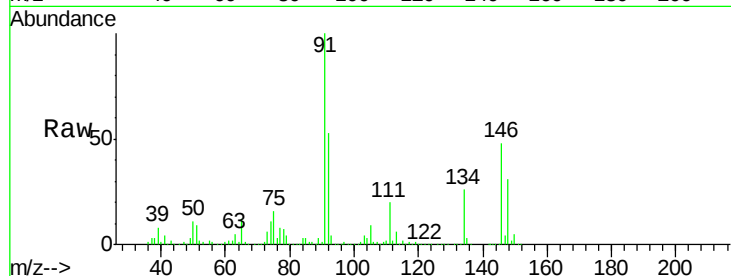
Tot Ion: 91 Resp: 528717

Ion Ratio Lower Upper

91 100

92 52.0 26.0 78.0

134 27.5 13.5 40.5



#90

Hexachloroethane

Concen: 48.23 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VX002691.D

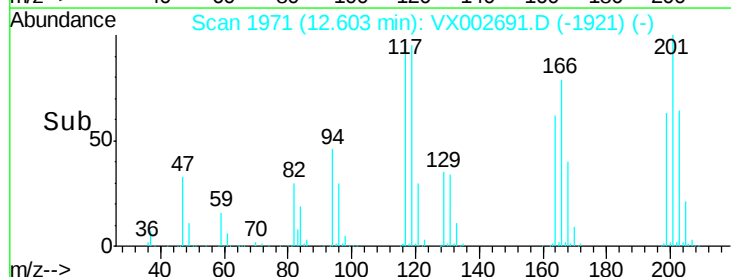
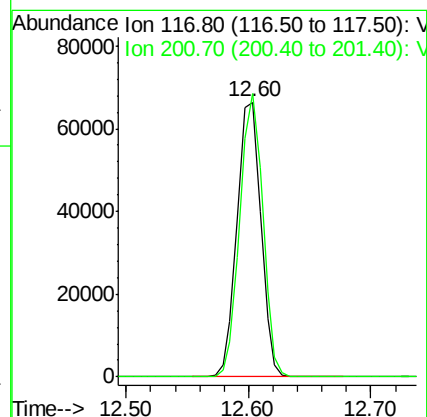
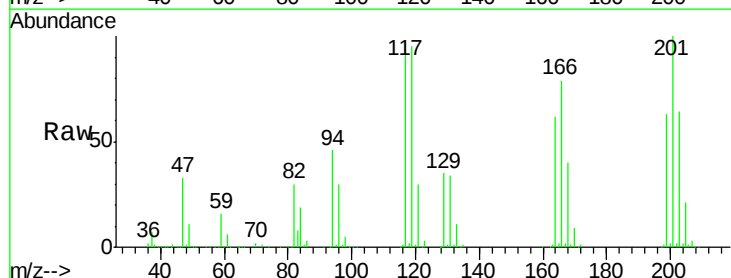
Acq: 18 Jun 2018 21:01

Tgt Ion: 117 Resp: 89265

Ion Ratio Lower Upper

117 100

201 99.3 49.0 147.0

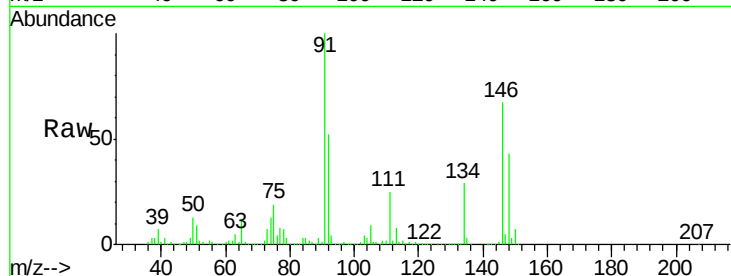




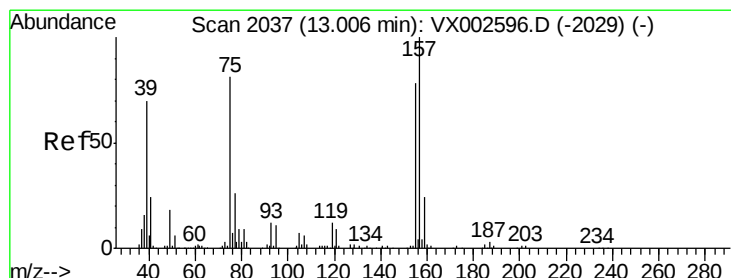
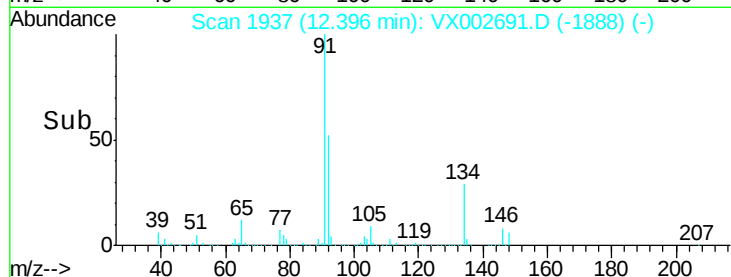
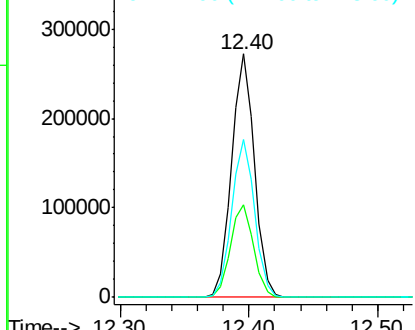
#91
 1,2-Dichlorobenzene
 Concen: 50.60 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:146 Resp: 337970
 Ion Ratio Lower Upper
 146 100
 111 38.6 19.4 58.1
 148 64.9 31.7 95.1

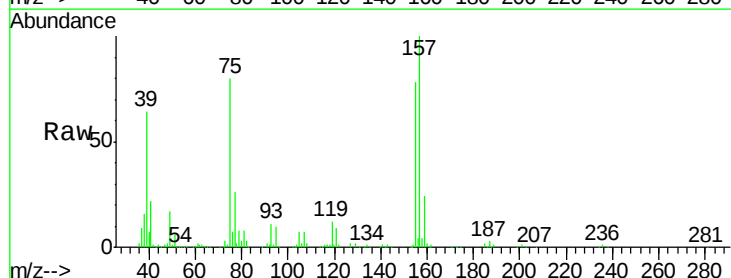


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

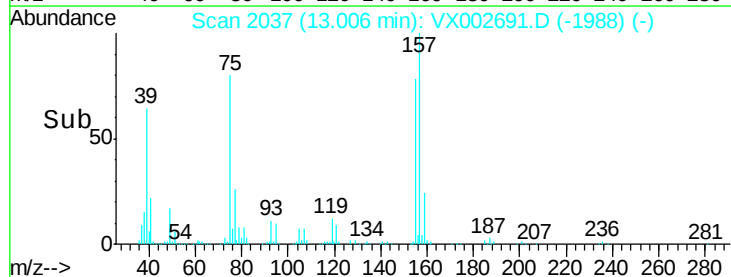
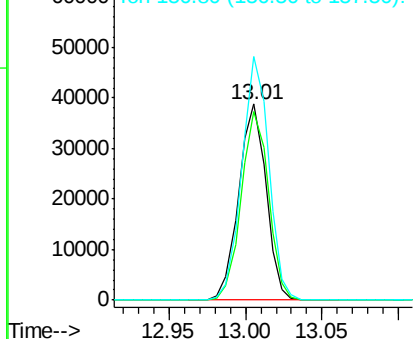


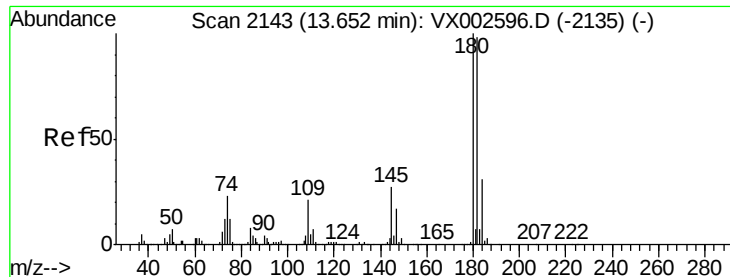
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 59.99 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002691.D
 Acq: 18 Jun 2018 21:01

Tgt Ion: 75 Resp: 48198
 Ion Ratio Lower Upper
 75 100
 155 95.9 45.8 137.4
 157 121.9 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: 51.85 ug/l

RT: 13.65 min Scan# 2143

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

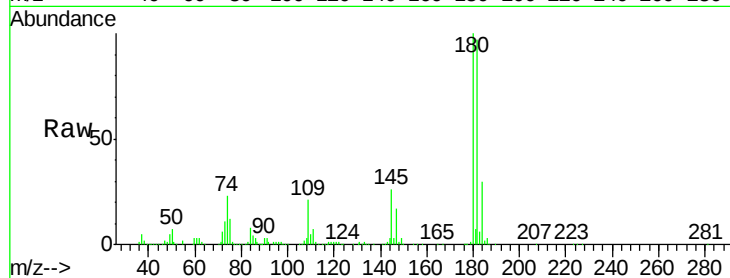
Tot Ion:180 Resp: 251336

Ion Ratio Lower Upper

180 100

182 96.7 47.7 143.1

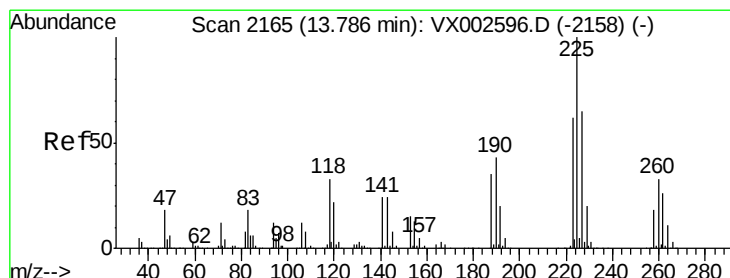
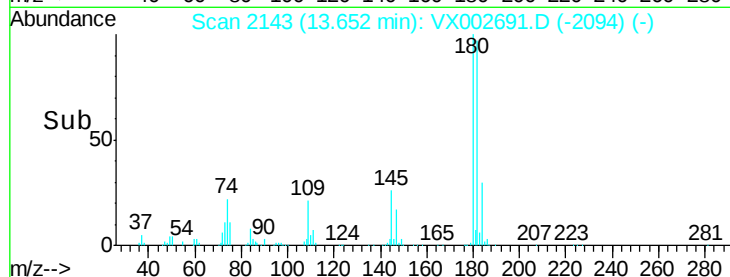
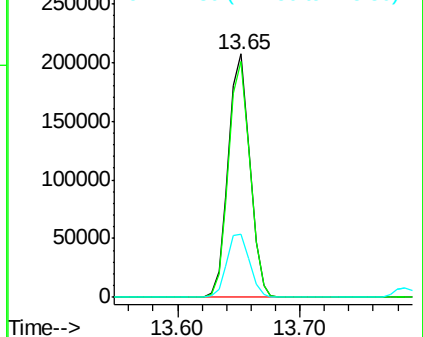
145 27.4 14.1 42.4



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V



#94

Hexachlorobutadiene

Concen: 50.55 ug/l

RT: 13.79 min Scan# 2165

Delta R.T. -0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

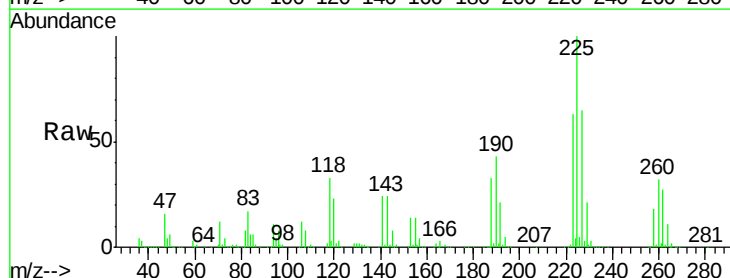
Tgt Ion:225 Resp: 129073

Ion Ratio Lower Upper

225 100

223 62.3 31.6 95.0

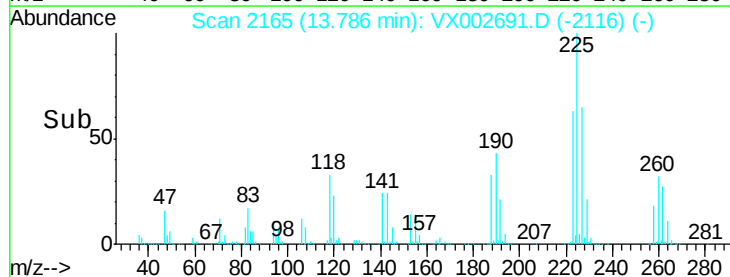
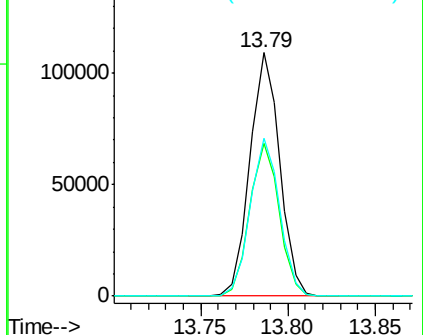
227 64.2 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V

Ion 222.70 (222.40 to 223.40): V

Ion 226.70 (226.40 to 227.40): V





#95

Naphthalene

Concen: 55.10 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. -0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

Instrument :

MSVOA_X

ClientSampleId :

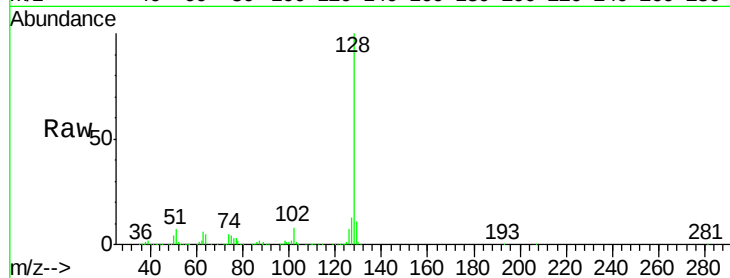
Tot Ion:128 Resp: 718722

Ion Ratio Lower Upper

128 100

127 13.0 10.4 15.6

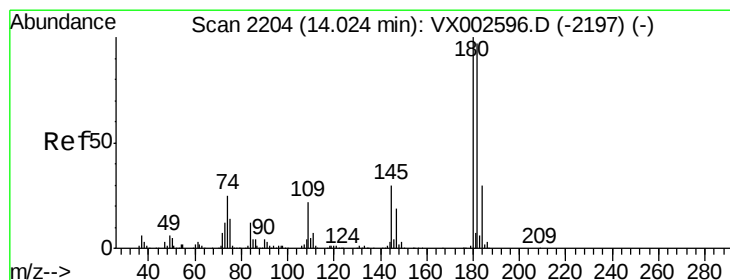
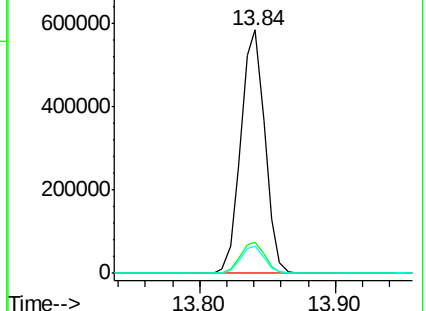
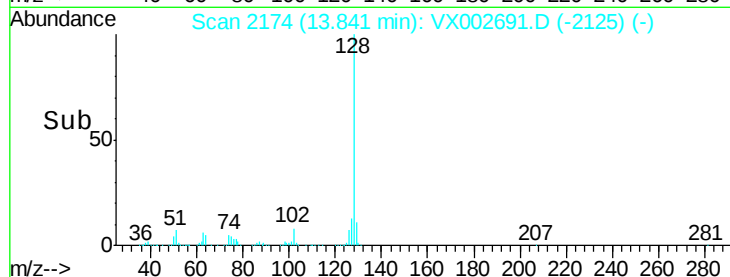
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 52.79 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002691.D

Acq: 18 Jun 2018 21:01

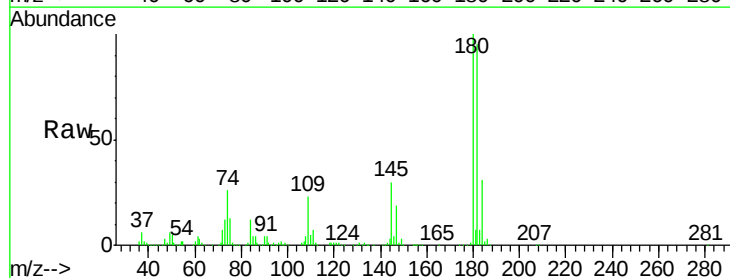
Tgt Ion:180 Resp: 257013

Ion Ratio Lower Upper

180 100

182 96.5 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

