

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002760.D
 Acq On : 21 Jun 2018 00:19
 Operator : JC/MD
 Sample : VX0620WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 21 05:54:57 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	239015	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	340265	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	323622	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	198102	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	156308	43.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.06%	
35) Dibromofluoromethane	5.51	113	126852	46.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.42%	
50) Toluene-d8	8.72	98	449575	43.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.20%	
62) 4-Bromofluorobenzene	11.14	95	168834	43.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	86.42%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	48933	19.28	ug/l	99
3) Chloromethane	1.32	50	47944	15.88	ug/l	98
4) Vinyl Chloride	1.40	62	55022	17.57	ug/l #	81
5) Bromomethane	1.64	94	26036	13.78	ug/l	98
6) Chloroethane	1.72	64	37054	17.95	ug/l	96
7) Trichlorofluoromethane	1.93	101	96942	19.05	ug/l	98
8) Diethyl Ether	2.19	74	34107	17.62	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	53081	18.66	ug/l	99
10) Methyl Iodide	2.51	142	46677	16.08	ug/l	98
11) Tert butyl alcohol	3.08	59	70823	94.32	ug/l	97
12) 1,1-Dichloroethene	2.37	96	48234	18.06	ug/l	99
13) Acrolein	2.29	56	37708	111.05	ug/l	99
14) Allyl chloride	2.73	41	92682	17.48	ug/l	99
15) Acrylonitrile	3.15	53	151979	92.76	ug/l	100
16) Acetone	2.45	43	145652	90.89	ug/l	100
17) Carbon Disulfide	2.57	76	135590	21.41	ug/l	97
18) Methyl Acetate	2.78	43	84561	19.81	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	177136	17.68	ug/l	99
20) Methylene Chloride	2.86	84	54559	16.61	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	51447	17.76	ug/l	96
22) Diisopropyl ether	3.88	45	174167	18.15	ug/l	99
23) Vinyl Acetate	3.83	43	750170	93.42	ug/l	99
24) 1,1-Dichloroethane	3.70	63	101373	19.47	ug/l	99
25) 2-Butanone	4.71	43	210501	100.03	ug/l	99
26) 2,2-Dichloropropane	4.59	77	51482	13.76	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	55892	18.96	ug/l	99
28) Bromochloromethane	5.02	49	45020	18.46	ug/l	95
29) Tetrahydrofuran	5.17	42	135982	98.59	ug/l	97
30) Chloroform	5.22	83	98906	19.70	ug/l	95
31) Cyclohexane	5.58	56	81001	18.89	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	86339	20.56	ug/l	100
36) 1,1-Dichloropropene	5.80	75	69533	19.24	ug/l	99
37) Ethyl Acetate	4.87	43	81323	19.88	ug/l	99
38) Carbon Tetrachloride	5.79	117	76778	21.34	ug/l	99

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 Sample : VX0620WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 21 05:54:57 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	79971	18.93	ug/l	97
40) Benzene	6.15	78	209694	19.35	ug/l	96
41) Methacrylonitrile	5.07	41	45472	19.69	ug/l	98
42) 1,2-Dichloroethane	6.20	62	83073	19.80	ug/l	99
43) Isopropyl Acetate	6.48	43	128986	19.03	ug/l	98
44) Trichloroethene	7.21	130	60939	19.48	ug/l	96
45) 1,2-Dichloropropane	7.52	63	54123	18.98	ug/l	99
46) Dibromomethane	7.67	93	39056	20.47	ug/l	99
47) Bromodichloromethane	7.90	83	71219	21.17	ug/l	98
48) Methyl methacrylate	7.78	41	66862	19.31	ug/l	98
49) 1,4-Dioxane	7.76	88	27298	416.24	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	431977	99.28	ug/l	99
52) Toluene	8.79	92	133191	19.27	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	75062	18.44	ug/l	96
54) cis-1,3-Dichloropropene	9.05	75	69140	18.44	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	55665	19.93	ug/l	99
56) Ethyl methacrylate	9.18	69	82189	19.12	ug/l	97
57) 1,3-Dichloropropane	9.38	76	91289	19.33	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.32	63	173670	83.54	ug/l	98
59) 2-Hexanone	9.50	43	330783	100.88	ug/l	99
60) Dibromochloromethane	9.59	129	57220	20.60	ug/l	99
61) 1,2-Dibromoethane	9.68	107	57682	19.94	ug/l	98
64) Tetrachloroethene	9.34	164	67565	18.81	ug/l	98
65) Chlorobenzene	10.14	112	154546	19.45	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	56439	20.83	ug/l	99
67) Ethyl Benzene	10.26	91	259635	19.37	ug/l	99
68) m/p-Xylenes	10.36	106	200614	38.80	ug/l	99
69) o-Xylene	10.70	106	97048	19.10	ug/l	99
70) Styrene	10.71	104	158564	18.98	ug/l	99
71) Bromoform	10.86	173	45482	21.49	ug/l #	97
73) Isopropylbenzene	11.02	105	263626	19.90	ug/l	99
74) N-amyl acetate	6.48	43	128986	19.59	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	85865	21.95	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	86219	23.06	ug/l	82
77) Bromobenzene	11.26	156	73596	19.94	ug/l	97
78) n-propylbenzene	11.37	91	296854	19.54	ug/l	99
79) 2-Chlorotoluene	11.43	91	177920	19.61	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	218969	19.56	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	15134	16.05	ug/l	88
82) 4-Chlorotoluene	11.51	91	210501	19.66	ug/l	99
83) tert-Butylbenzene	11.77	119	216800	20.10	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	227064	19.87	ug/l	98
85) sec-Butylbenzene	11.95	105	262052	19.54	ug/l	99
86) p-Isopropyltoluene	12.07	119	231662	19.09	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	132122	19.52	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	133802	19.43	ug/l	99
89) n-Butylbenzene	12.39	91	194636	18.18	ug/l	99
90) Hexachloroethane	12.60	117	31825	18.57	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	134861	19.79	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17179	20.96	ug/l	98

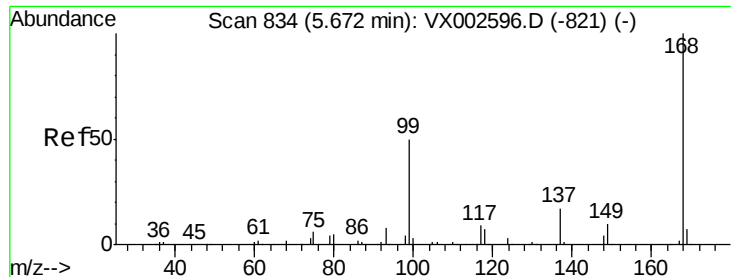
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
Data File : VX002760.D
Acq On : 21 Jun 2018 00:19
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Instrument :
MSVOA_X
ClientSampleId :

Quant Time: Jun 21 05:54:57 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)
93) 1,2,4-Trichlorobenzene	13.65	180	94476	19.11	ug/l	99
94) Hexachlorobutadiene	13.79	225	48229	18.52	ug/l	97
95) Naphthalene	13.84	128	274821	20.65	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	100510	20.24	ug/l	98

(#) = 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: VX002760.D

Acq: 21 Jun 2018 00:19

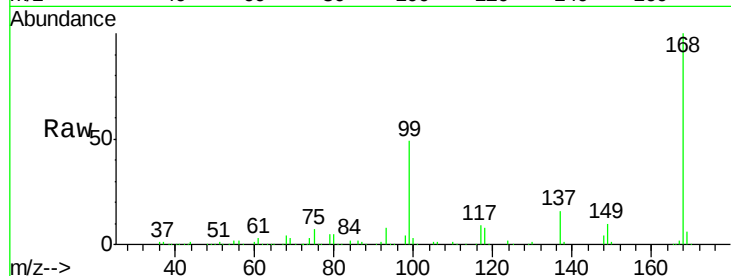
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 239015

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

5.67

80000

60000

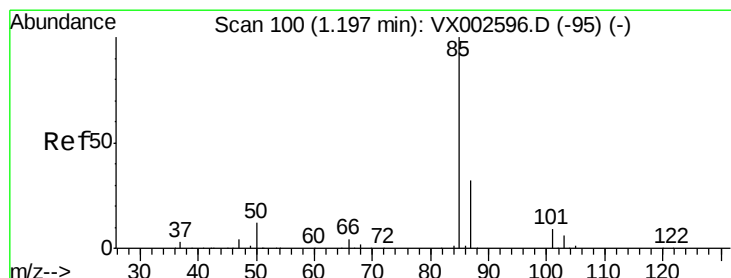
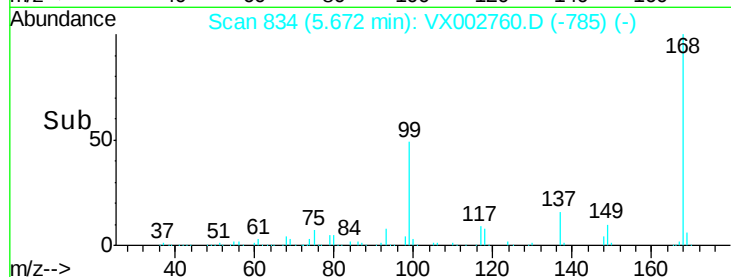
40000

20000

0

5.60 5.70 5.80

Time-->



#2

Dichlorodifluoromethane

Concen: 19.28 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002760.D

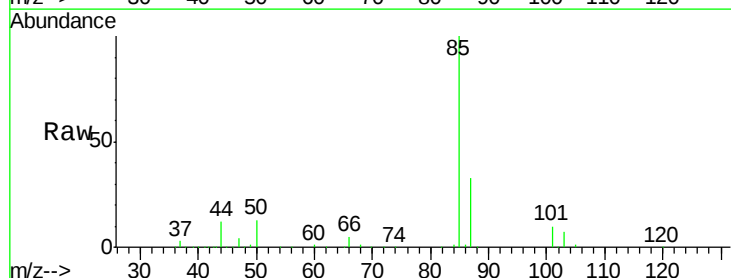
Acq: 21 Jun 2018 00:19

Tgt Ion: 85 Resp: 48933

Ion Ratio Lower Upper

85 100

87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

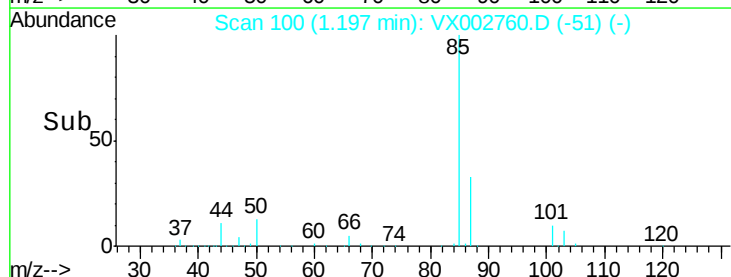
20000

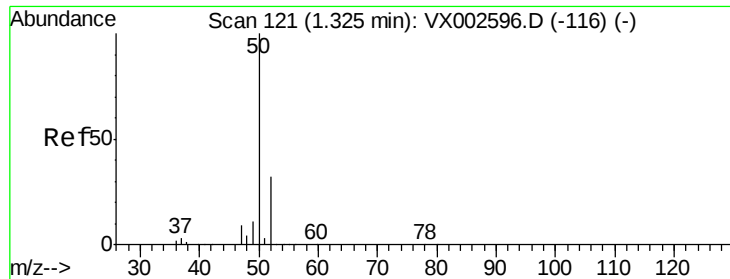
10000

0

1.15 1.20 1.25 1.30

Time-->





#3

Chloromethane

Concen: 15.88 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

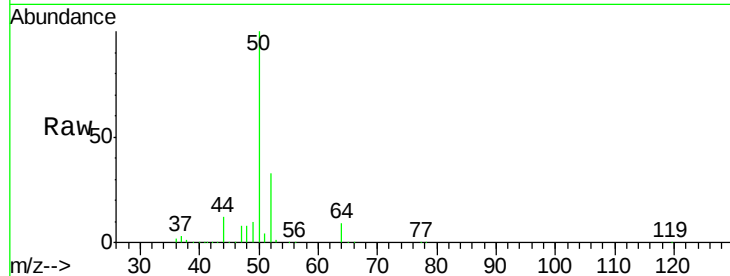
ClientSampled :

Tot Ion: 50 Resp: 47944

Ion Ratio Lower Upper

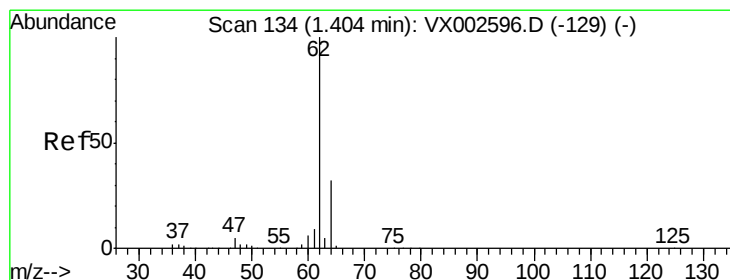
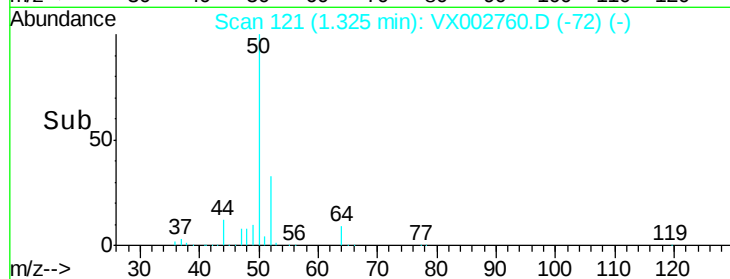
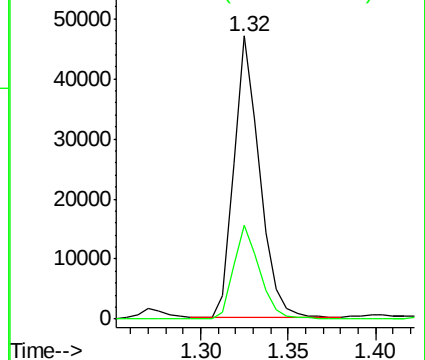
50 100

52 33.4 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: 17.57 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002760.D

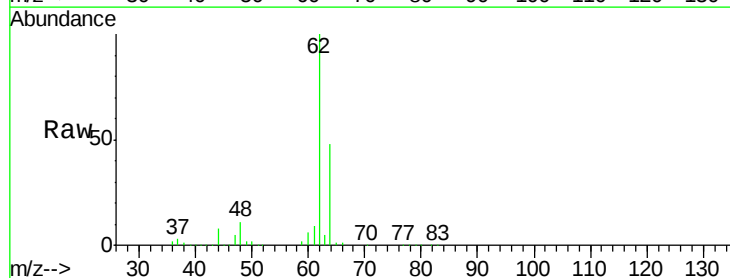
Acq: 21 Jun 2018 00:19

Tgt Ion: 62 Resp: 55022

Ion Ratio Lower Upper

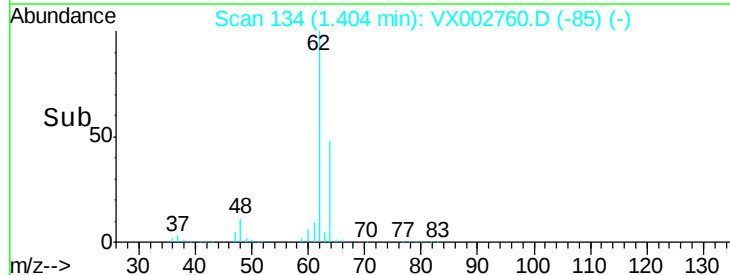
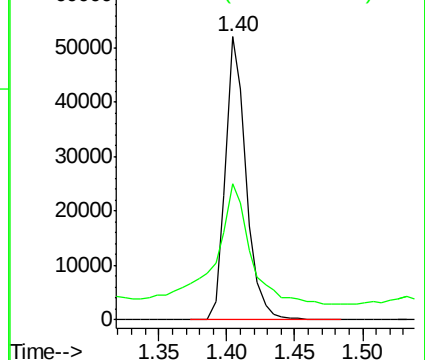
62 100

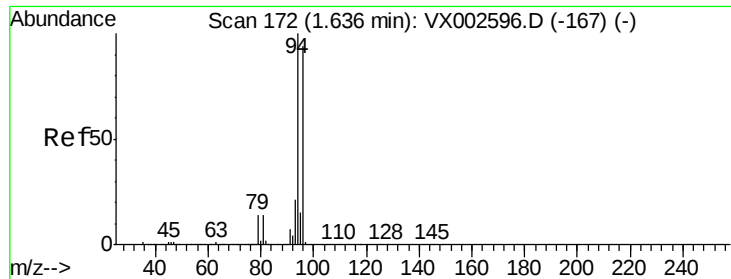
64 42.3 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 13.78 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

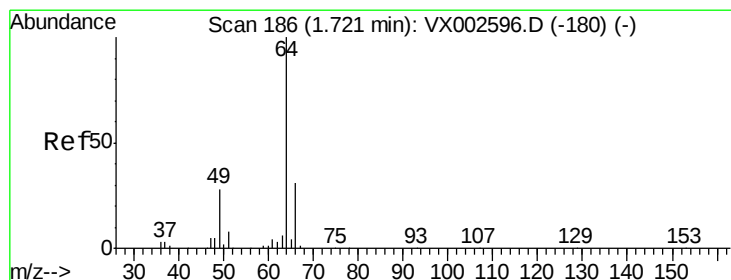
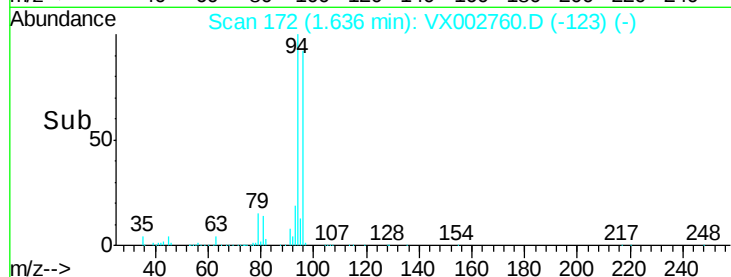
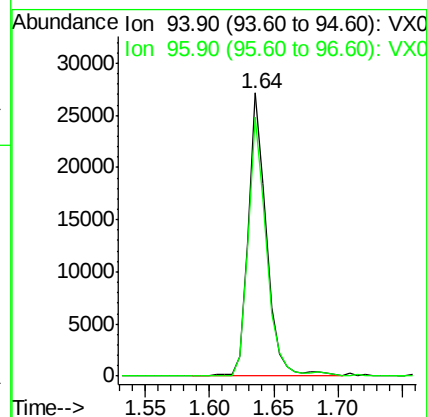
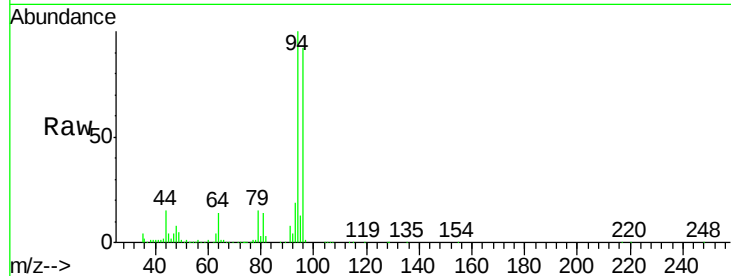
ClientSampleId :

Tot Ion: 94 Resp: 26036

Ion Ratio Lower Upper

94 100

96 91.9 74.9 112.3



#6

Chloroethane

Concen: 17.95 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002760.D

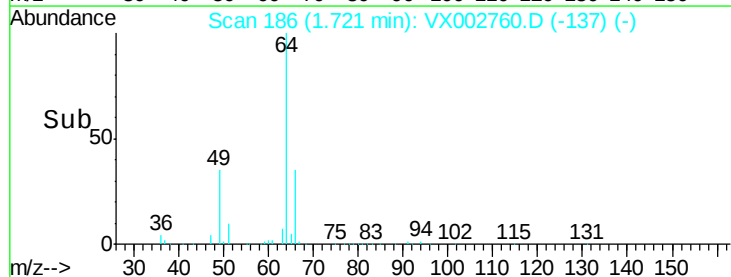
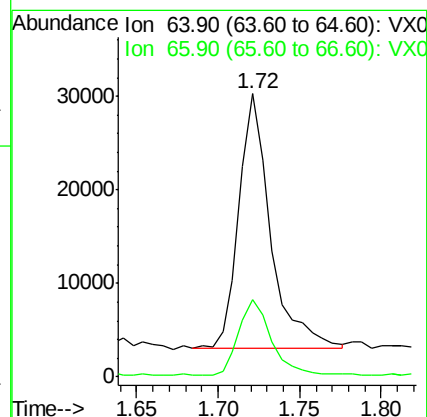
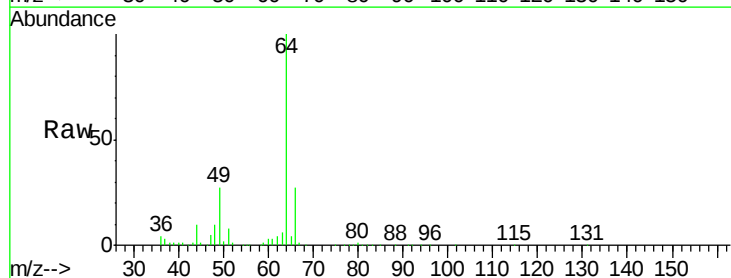
Acq: 21 Jun 2018 00:19

Tgt Ion: 64 Resp: 37054

Ion Ratio Lower Upper

64 100

66 29.4 25.5 38.3





#7

Trichlorofluoromethane

Concen: 19.05 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

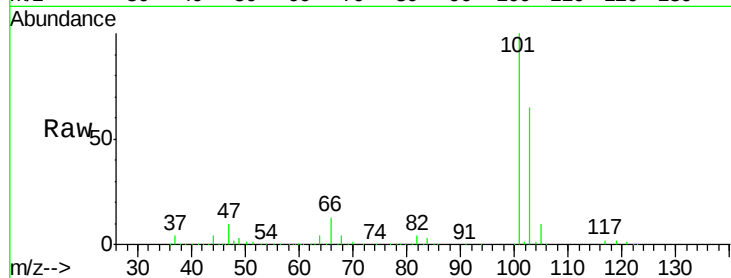
ClientSampleId :

Tot Ion:101 Resp: 96942

Ion Ratio Lower Upper

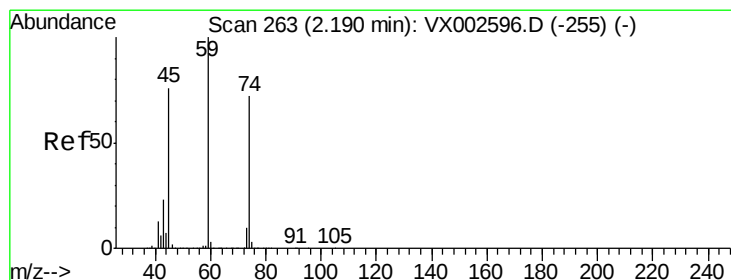
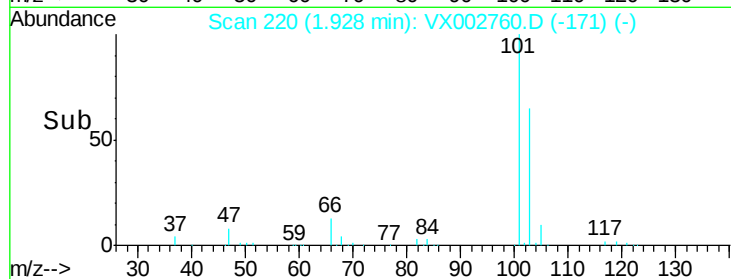
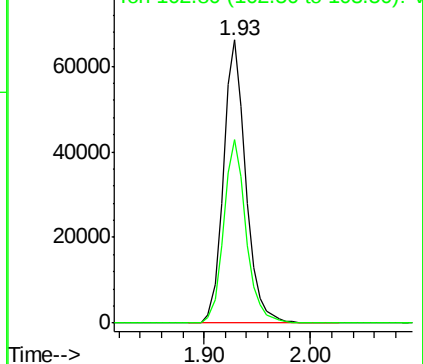
101 100

103 64.7 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 17.62 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002760.D

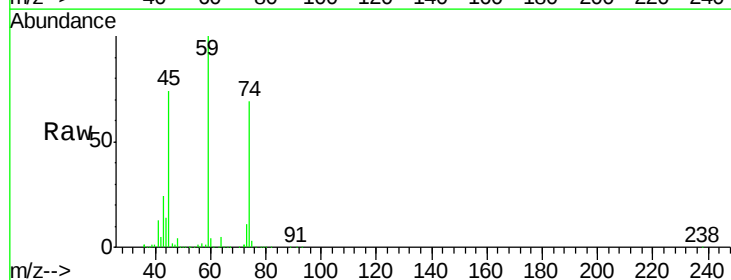
Acq: 21 Jun 2018 00:19

Tgt Ion: 74 Resp: 34107

Ion Ratio Lower Upper

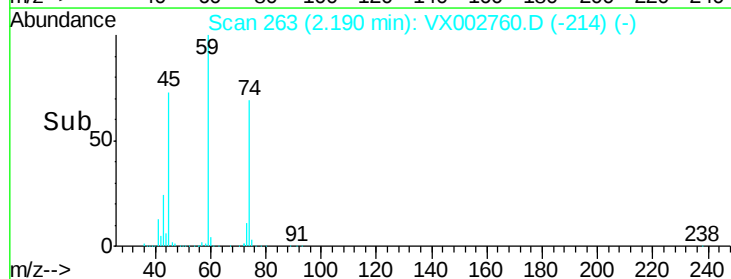
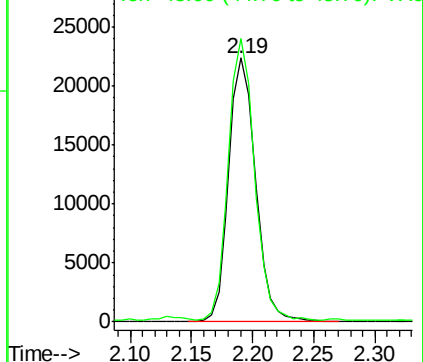
74 100

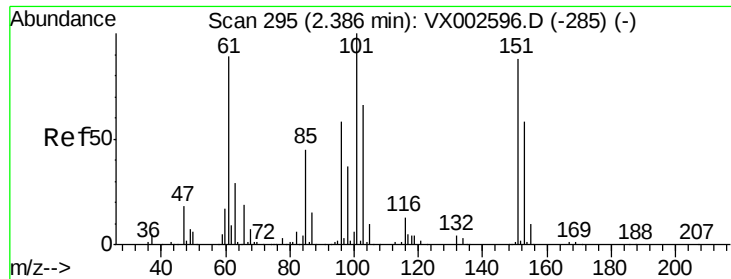
45 103.5 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.66 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

ClientSampled :

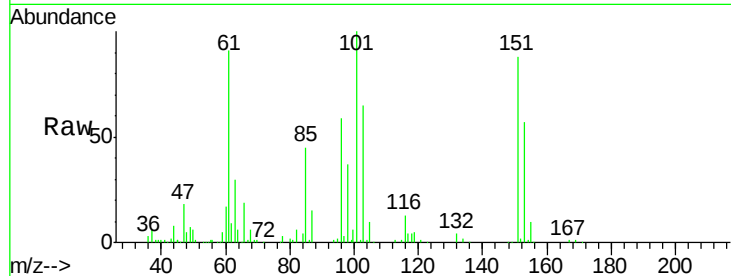
Tot Ion:101 Resp: 53081

Ion Ratio Lower Upper

101 100

85 45.5 36.0 54.0

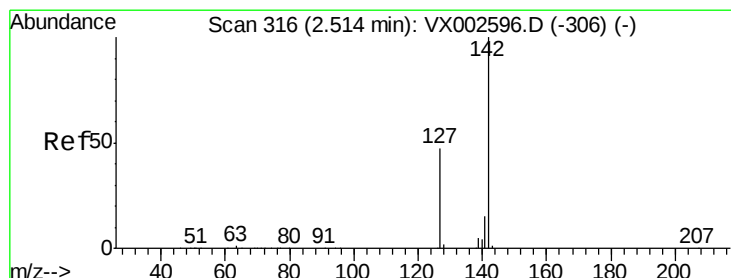
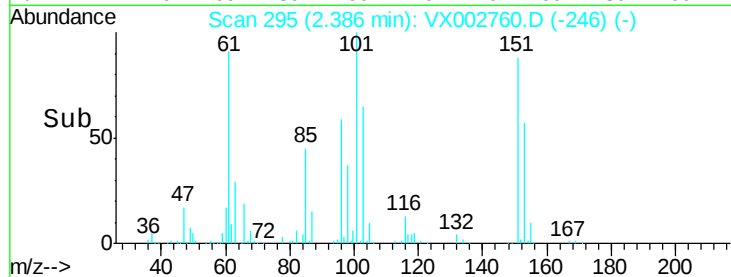
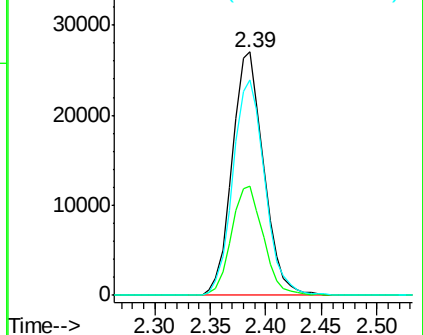
151 89.7 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 16.08 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

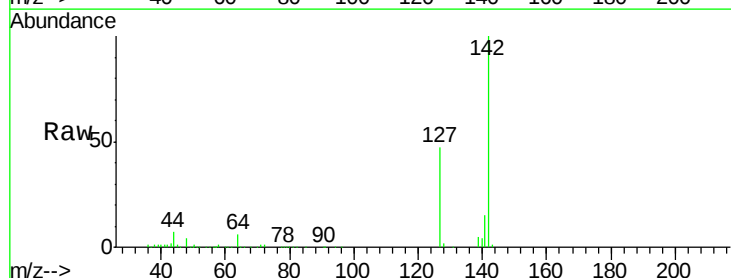
Tgt Ion:142 Resp: 46677

Ion Ratio Lower Upper

142 100

127 47.4 36.6 55.0

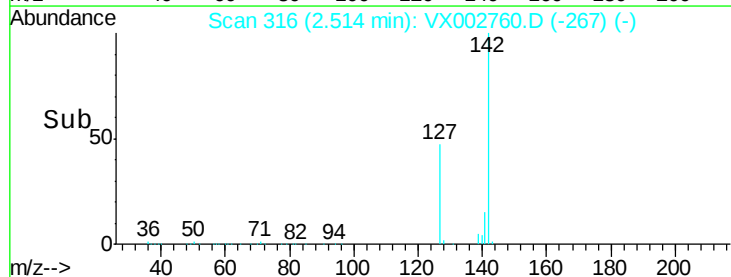
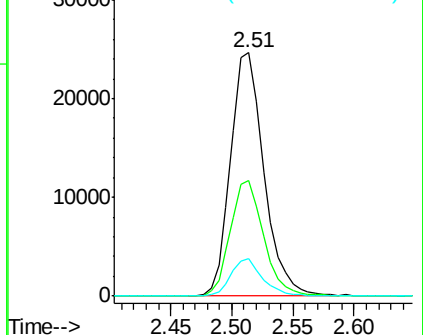
141 14.3 11.3 16.9

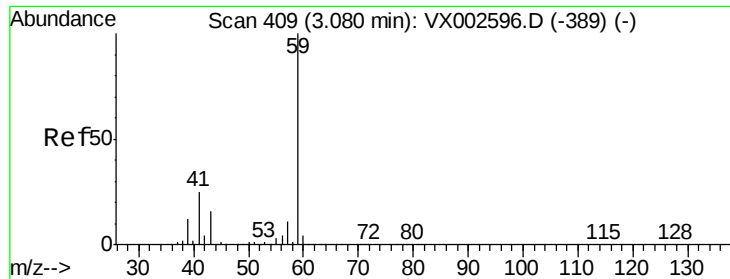


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

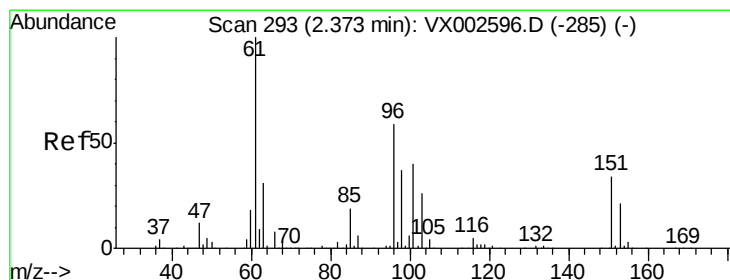
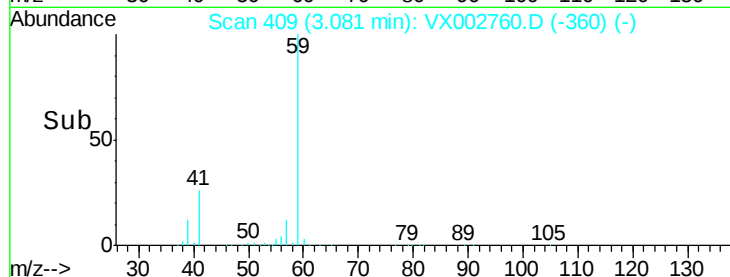
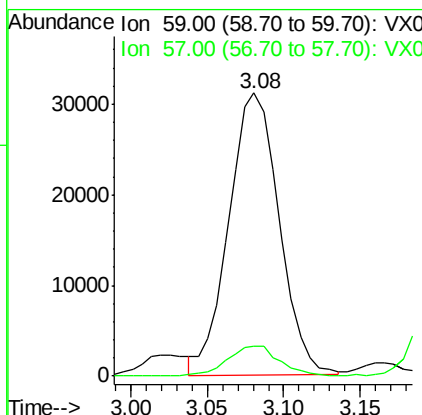
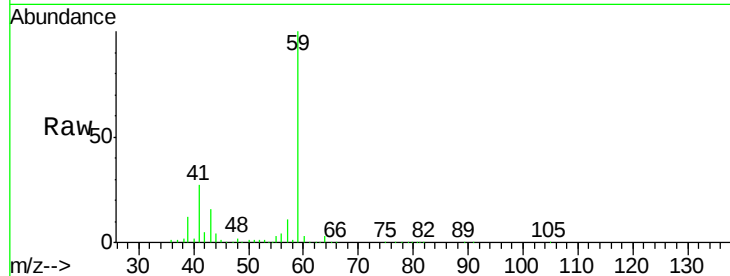




#11
Tert butyl alcohol
Concen: 94.32 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

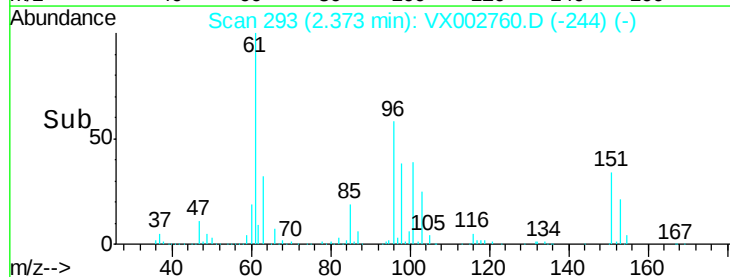
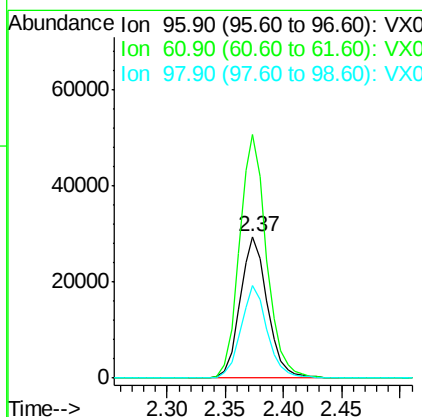
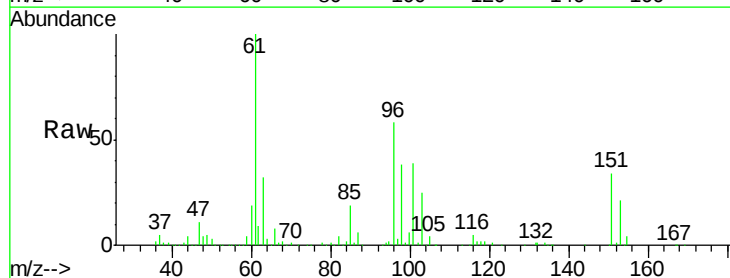
Instrument :
MSVOA_X
ClientSampled :

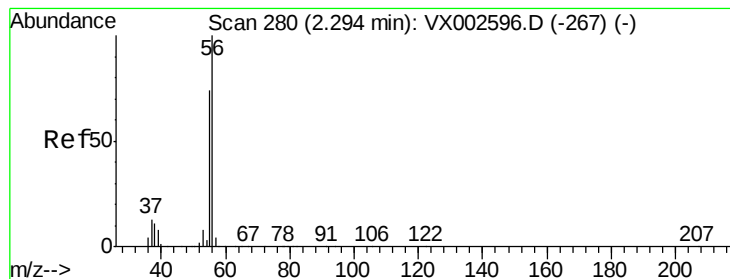
Tot Ion: 59 Resp: 70823
Ion Ratio Lower Upper
59 100
57 11.3 8.2 12.2



#12
1,1-Dichloroethene
Concen: 18.06 ug/l
RT: 2.37 min Scan# 293
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion: 96 Resp: 48234
Ion Ratio Lower Upper
96 100
61 171.6 137.9 206.9
98 65.2 51.6 77.4





#13

Acrolein

Concen: 111.05 ug/l

RT: 2.29 min Scan# 280

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

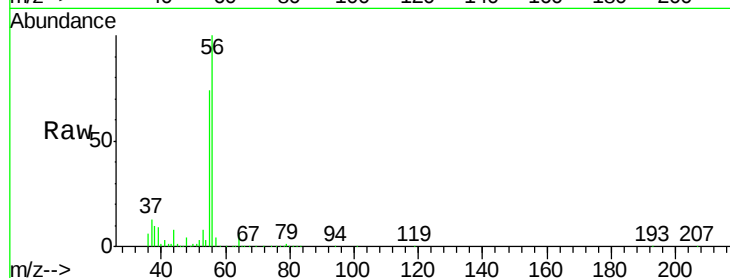
ClientSampled :

Tot Ion: 56 Resp: 37708

Ion Ratio Lower Upper

56 100

55 72.3 57.0 85.4



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

2.29

25000

20000

15000

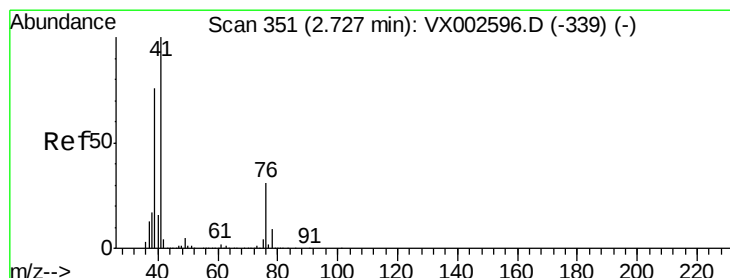
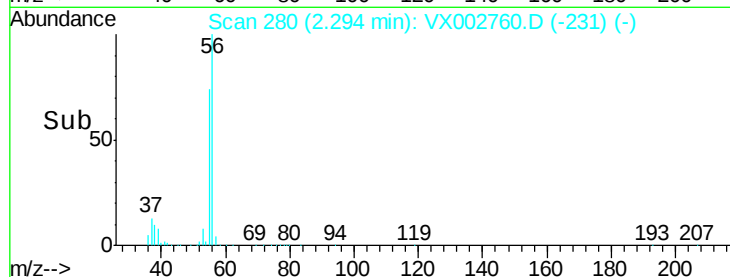
10000

5000

0

Time-->

2.20 2.25 2.30 2.35 2.40



#14

Allyl chloride

Concen: 17.48 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

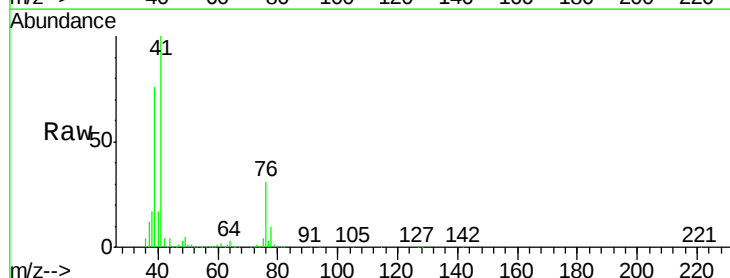
Tgt Ion: 41 Resp: 92682

Ion Ratio Lower Upper

41 100

39 70.4 56.8 85.2

76 29.6 23.8 35.8



Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0

60000

50000

40000

30000

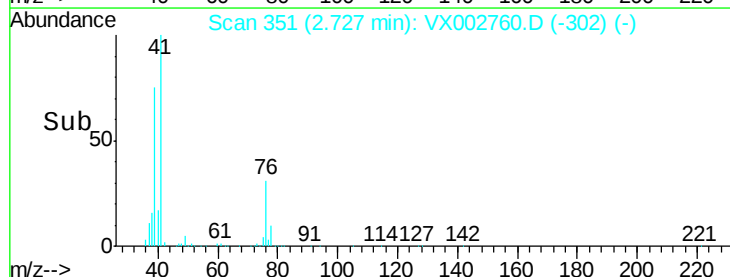
20000

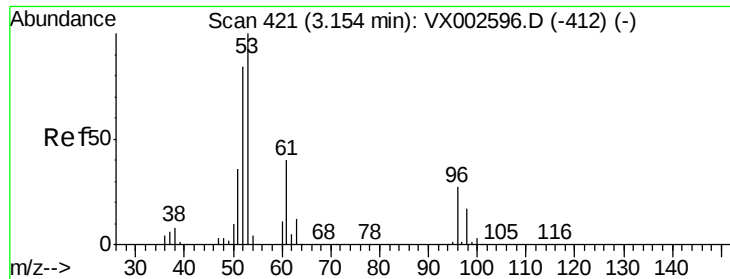
10000

0

Time-->

2.60 2.70 2.80

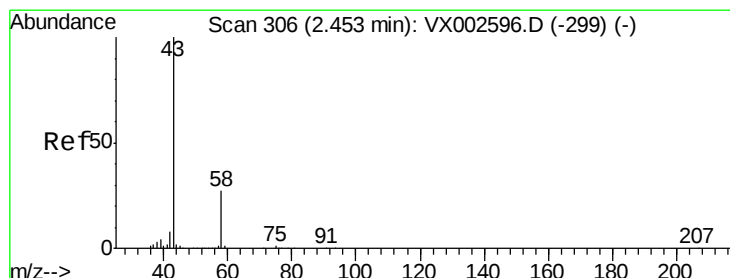
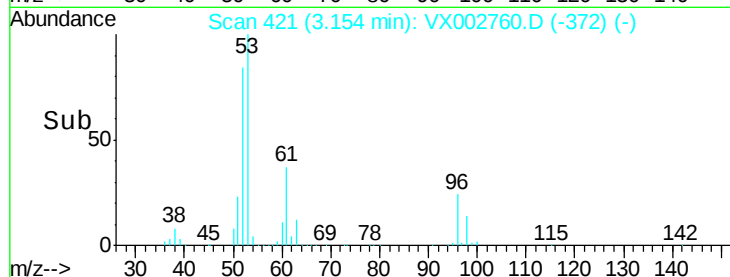
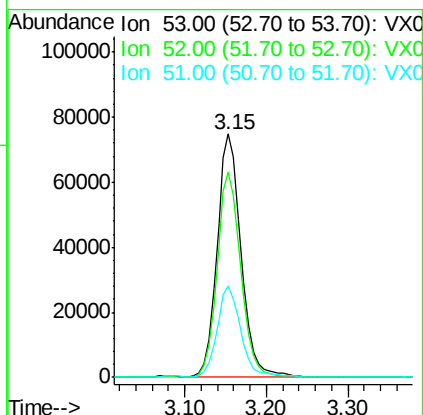
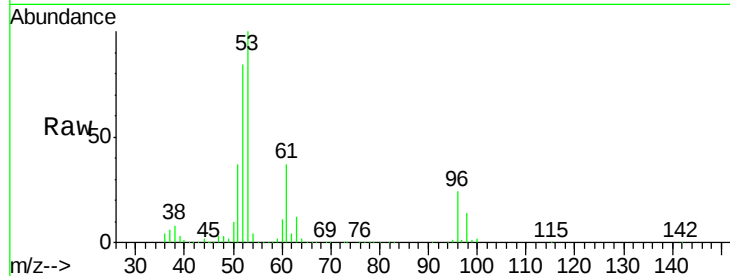




#15
 Acrylonitrile
 Concen: 92.76 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

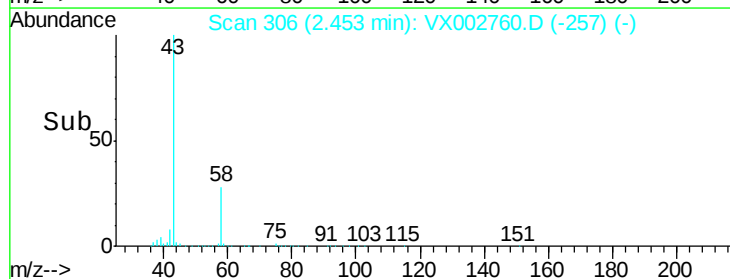
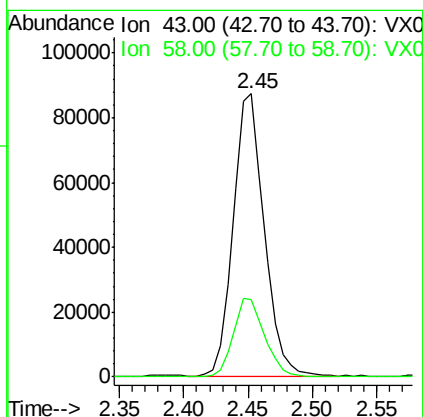
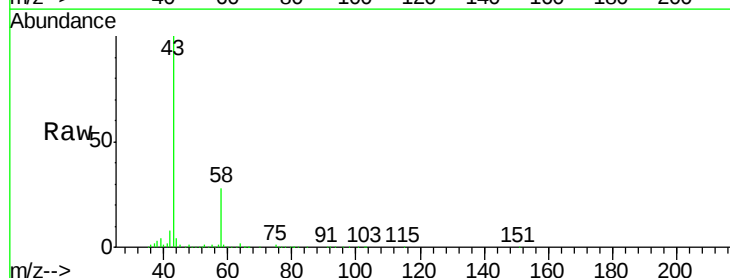
Instrument :
 MSVOA_X
 ClientSampleId :

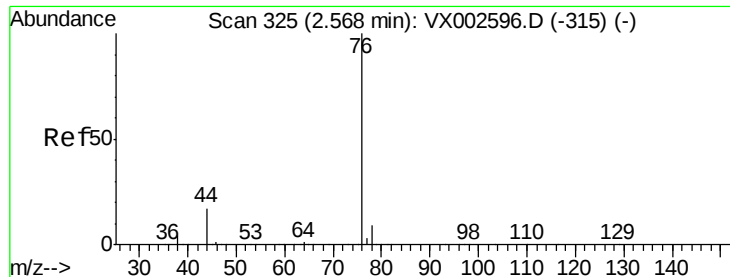
Tot Ion: 53 Resp: 151979
 Ion Ratio Lower Upper
 53 100
 52 83.5 66.7 100.1
 51 37.6 29.9 44.9



#16
 Acetone
 Concen: 90.89 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Tgt Ion: 43 Resp: 145652
 Ion Ratio Lower Upper
 43 100
 58 27.6 22.1 33.1

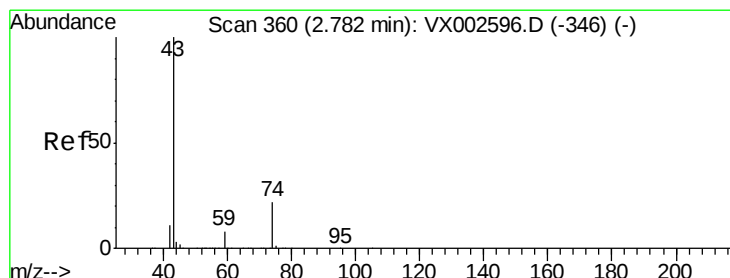
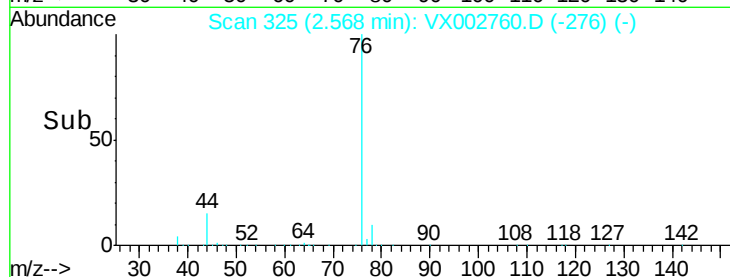
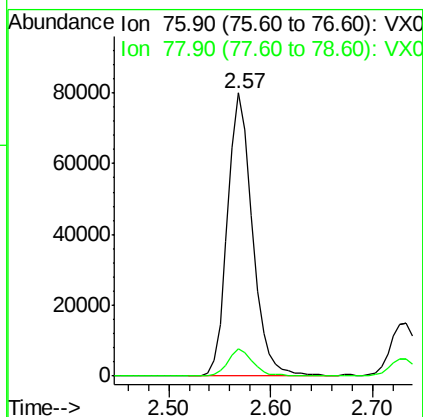
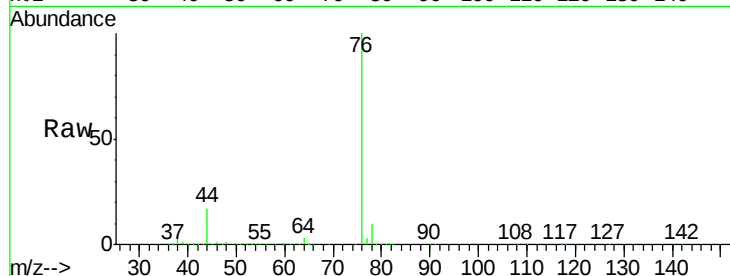




#17
Carbon Disulfide
Concen: 21.41 ug/l
RT: 2.57 min Scan# 325
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

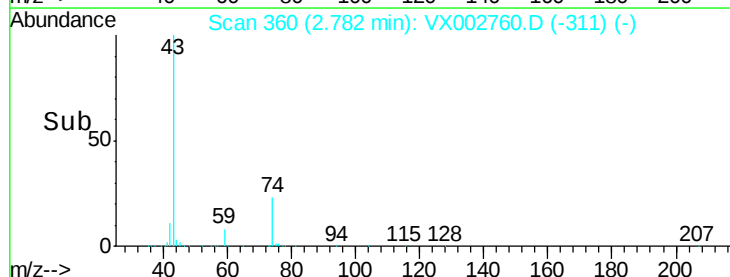
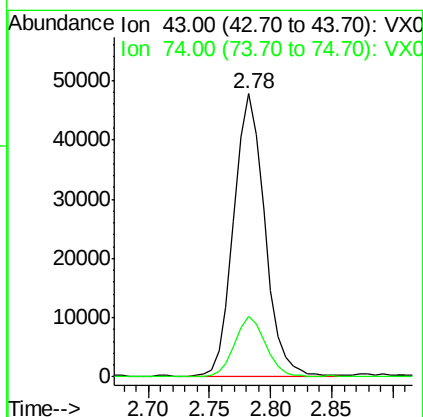
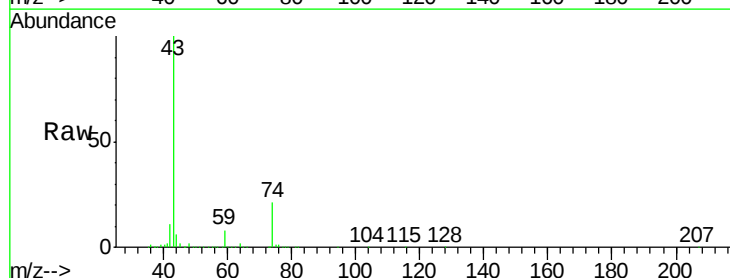
Instrument :
MSVOA_X
ClientSampled :

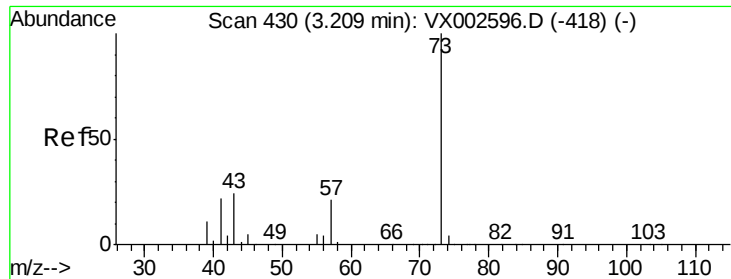
Tot Ion: 76 Resp: 135590
Ion Ratio Lower Upper
76 100
78 9.6 6.9 10.3



#18
Methyl Acetate
Concen: 19.81 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion: 43 Resp: 84561
Ion Ratio Lower Upper
43 100
74 20.6 16.7 25.1

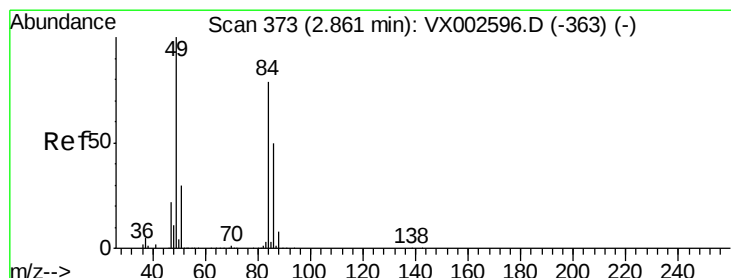
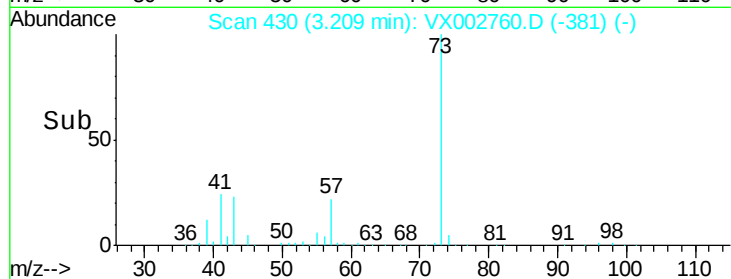
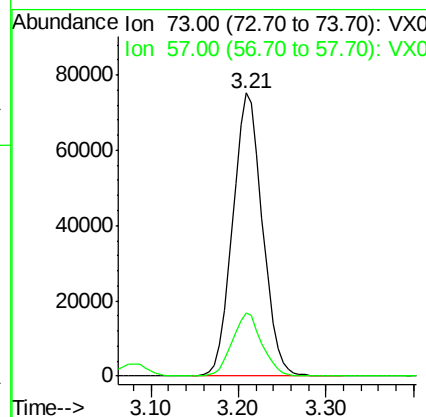
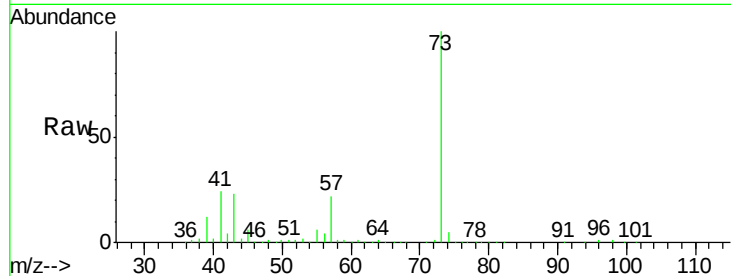




#19
Methvl tert-butvl Ether
Concen: 17.68 ug/l
RT: 3.21 min Scan# 430
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

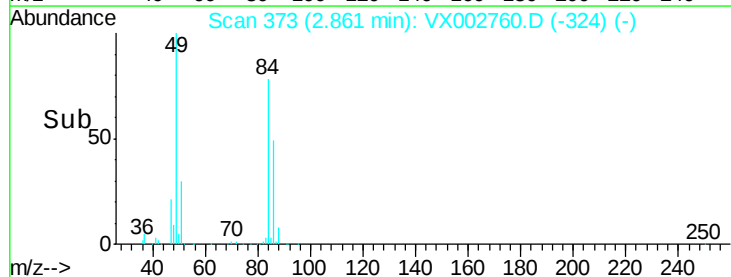
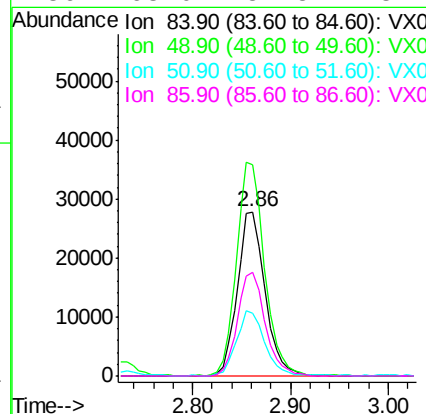
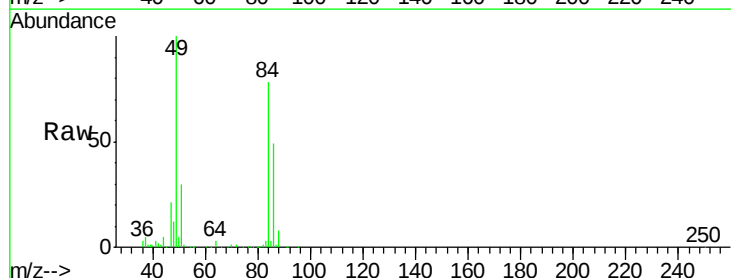
Instrument :
MSVOA_X
ClientSampleId :

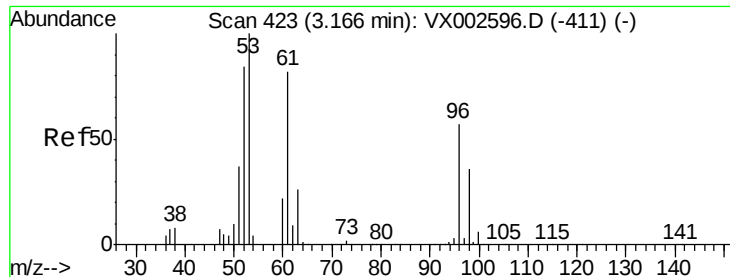
Tot Ion: 73 Resp: 177136
Ion Ratio Lower Upper
73 100
57 22.4 17.7 26.5



#20
Methylene Chloride
Concen: 16.61 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion: 84 Resp: 54559
Ion Ratio Lower Upper
84 100
49 128.7 107.8 161.6
51 38.0 32.8 49.2
86 63.0 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 17.76 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

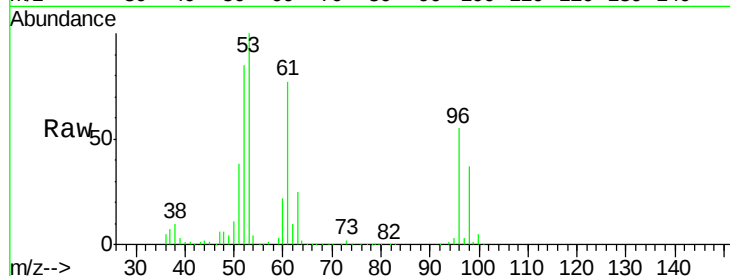
Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 96 Resp: 51447

Ion	Ratio	Lower	Upper
96	100		
61	139.4	117.0	175.4
98	66.7	52.4	78.6

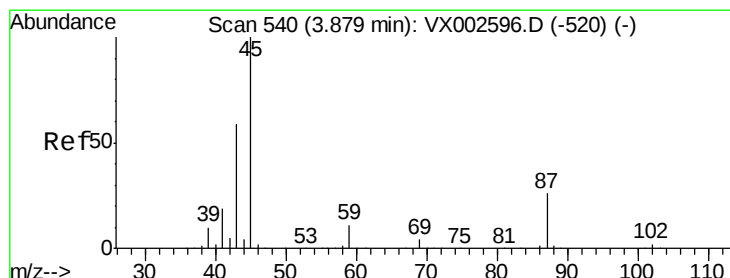
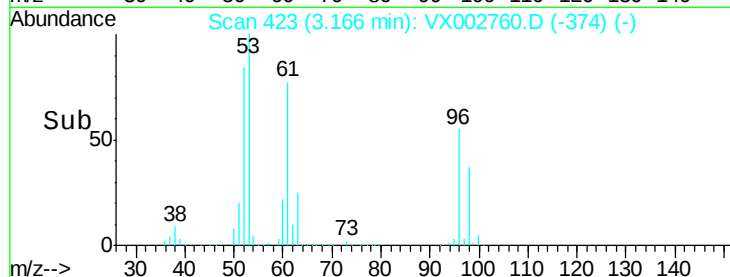
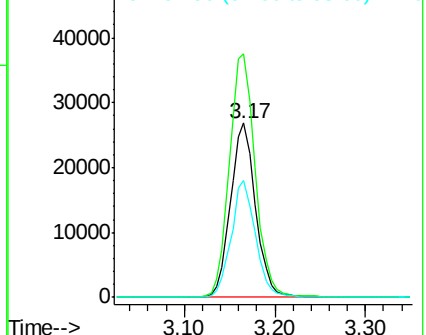


Abundance

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: 18.15 ug/l

RT: 3.88 min Scan# 540

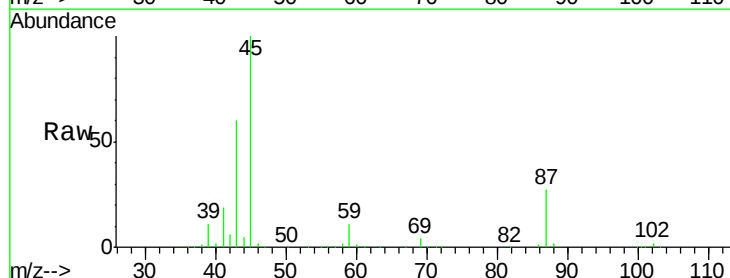
Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Tgt Ion: 45 Resp: 174167

Ion	Ratio	Lower	Upper
45	100		
43	59.2	46.8	70.2
87	26.9	20.2	30.4
59	10.9	8.7	13.1



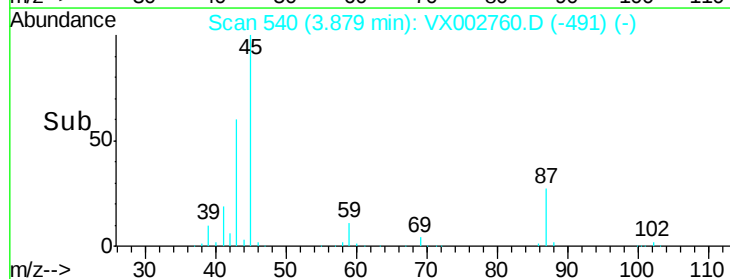
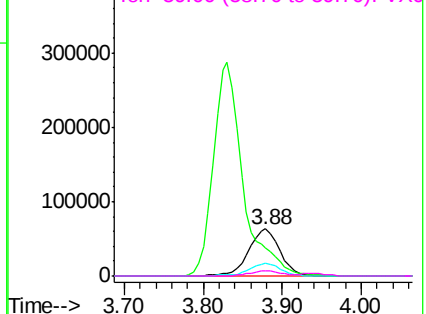
Abundance

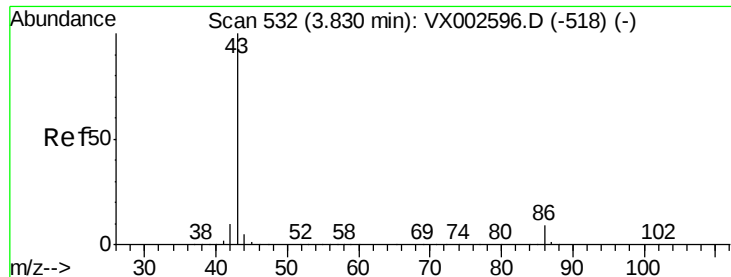
Ion 45.00 (44.70 to 45.70): VX0

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

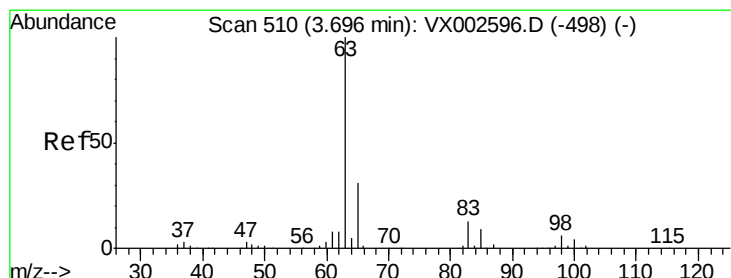
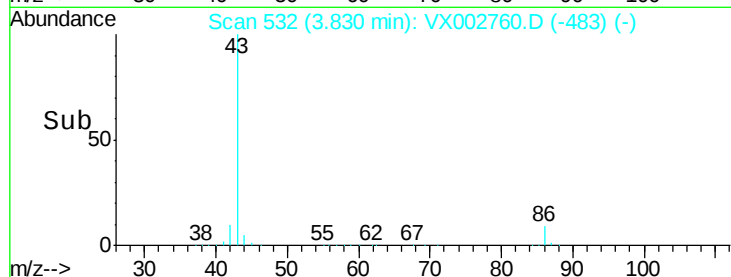
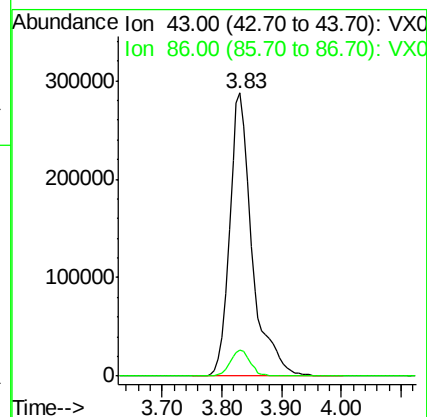
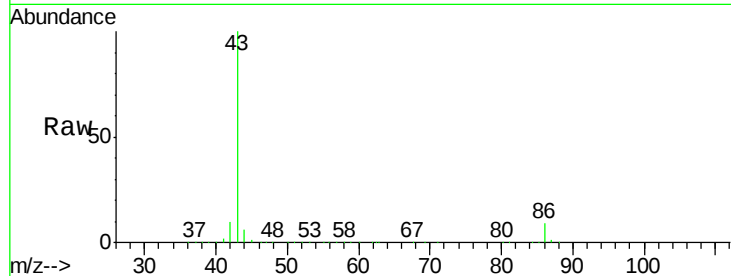




#23
 Vinyl Acetate
 Concen: 93.42 ug/l
 RT: 3.83 min Scan# 532
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

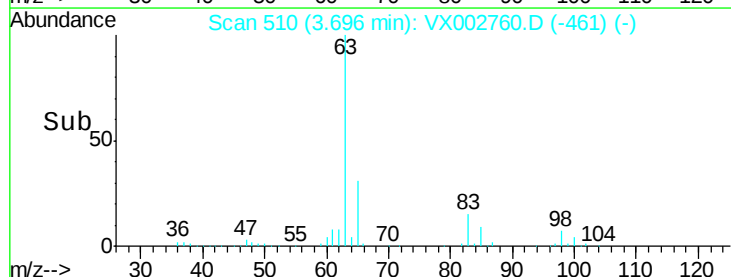
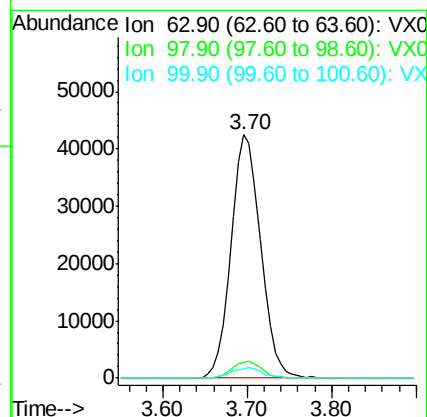
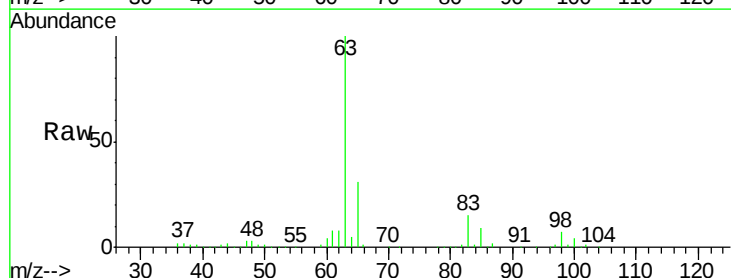
Instrument :
 MSVOA_X
 ClientSampleId :

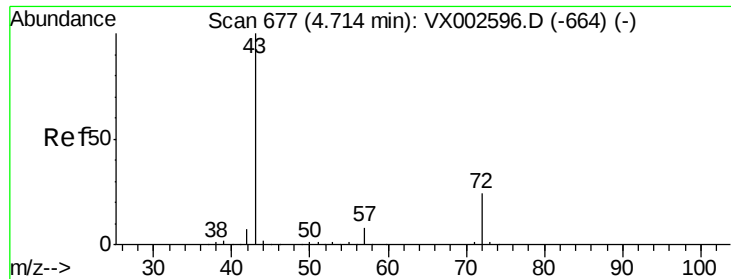
Tot Ion: 43 Resp: 750170
 Ion Ratio Lower Upper
 43 100
 86 9.5 7.4 11.0



#24
 1,1-Dichloroethane
 Concen: 19.47 ug/l
 RT: 3.70 min Scan# 510
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Tgt Ion: 63 Resp: 101373
 Ion Ratio Lower Upper
 63 100
 98 6.6 3.4 10.2
 100 3.9 2.0 6.0





#25

2-Butanone

Concen: 100.03 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

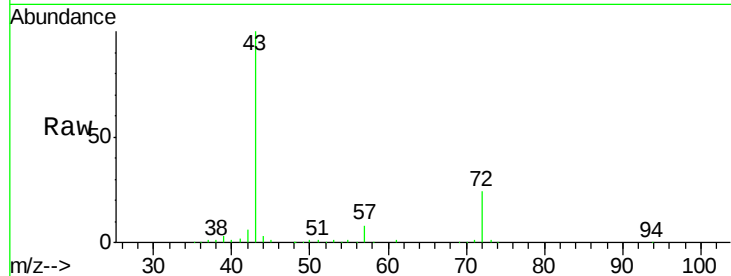
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 210501

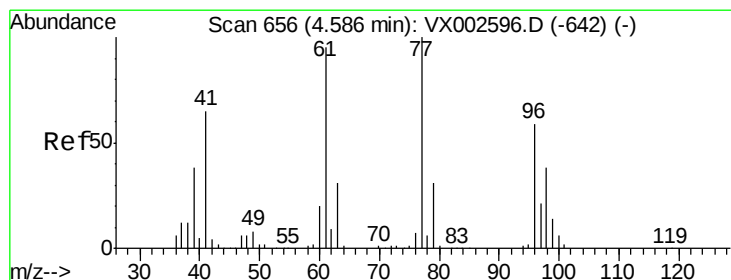
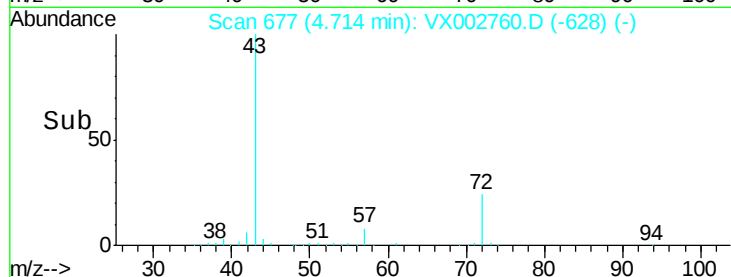
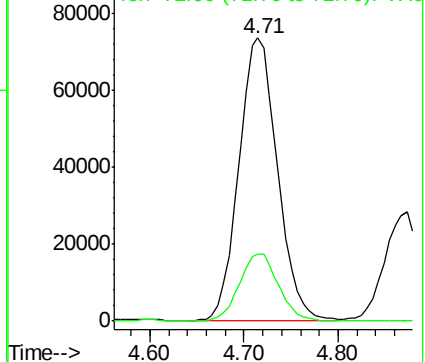
Ion Ratio Lower Upper

43 100

72 23.5 18.5 27.7



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



#26

2,2-Dichloropropane

Concen: 13.76 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002760.D

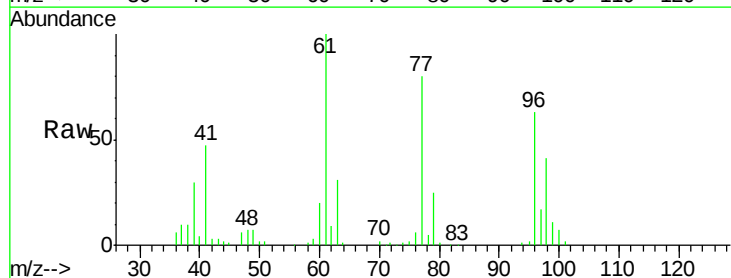
Acq: 21 Jun 2018 00:19

Tgt Ion: 77 Resp: 51482

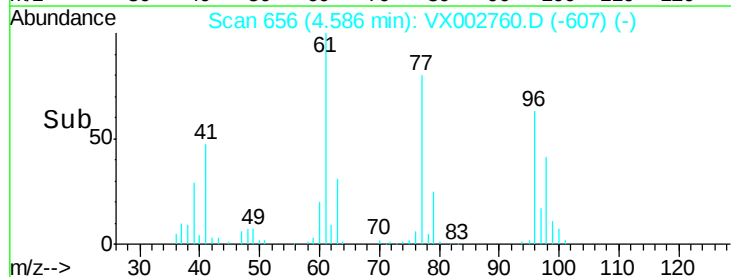
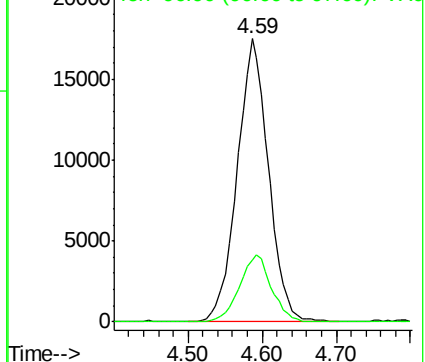
Ion Ratio Lower Upper

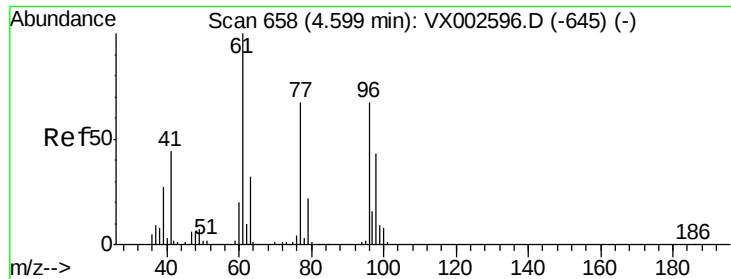
77 100

97 24.1 11.2 33.5



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





#27

cis-1,2-Dichloroethene

Concen: 18.96 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

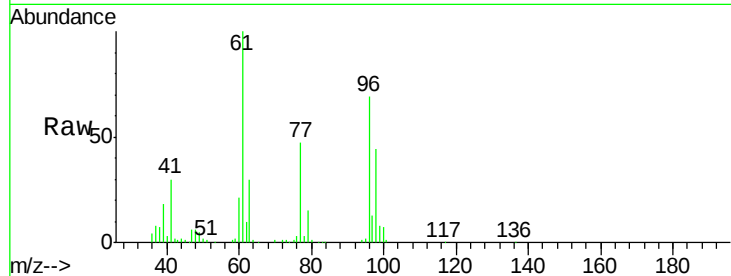
Tot Ion: 96 Resp: 55892

Ion Ratio Lower Upper

96 100

61 162.5 0.0 330.2

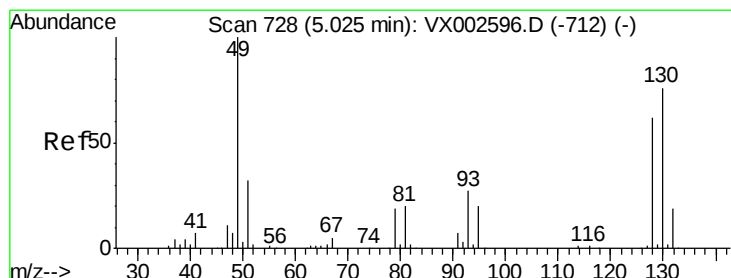
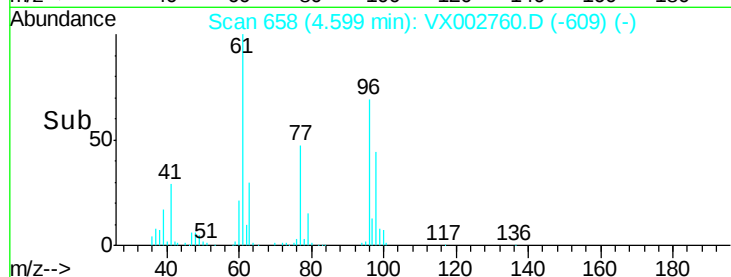
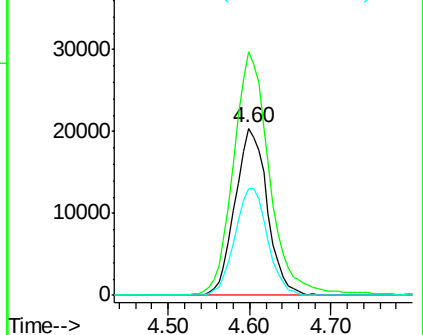
98 64.9 0.0 130.2



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 18.46 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

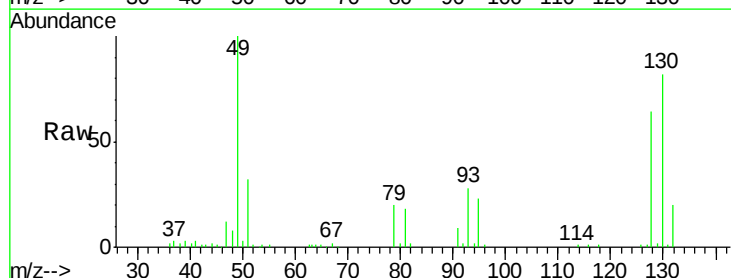
Tgt Ion: 49 Resp: 45020

Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.2

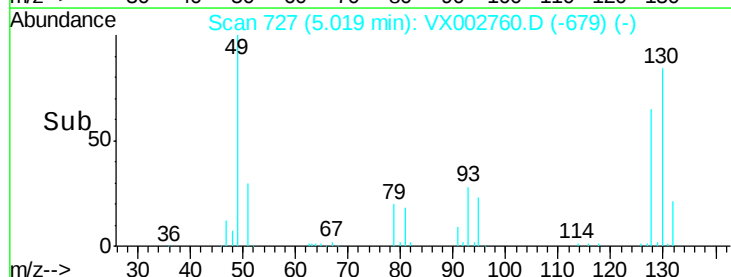
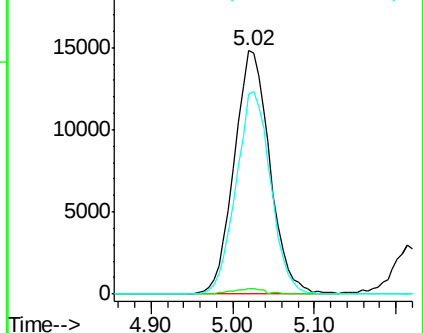
130 80.7 61.2 91.8

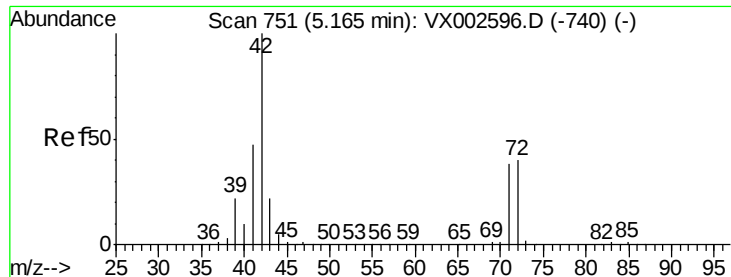


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

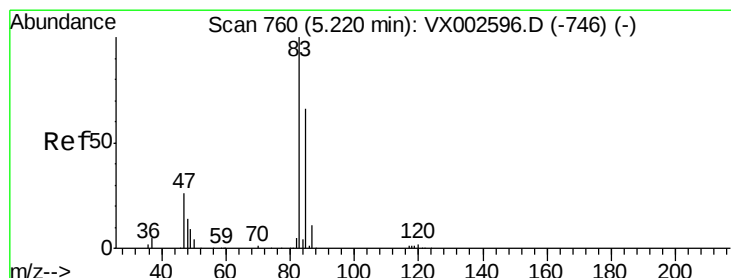
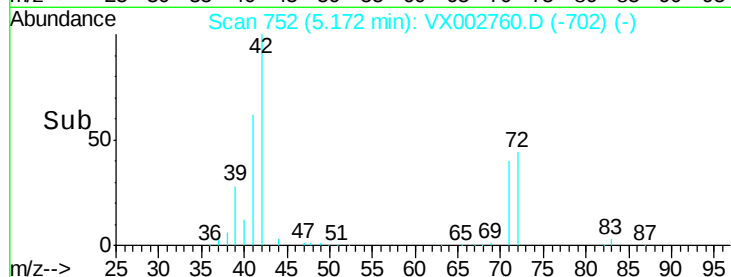
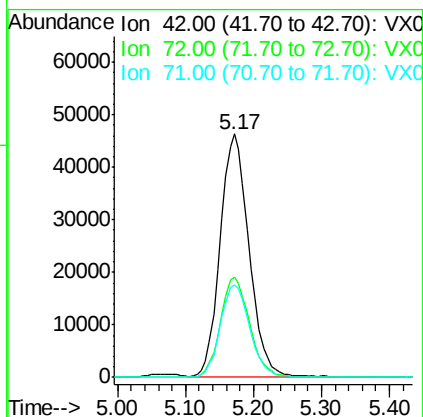
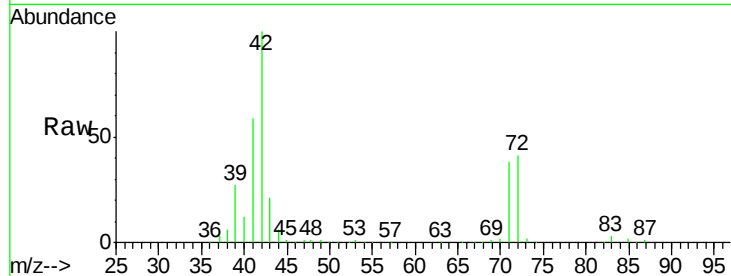




#29
Tetrahydrofuran
Concen: 98.59 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

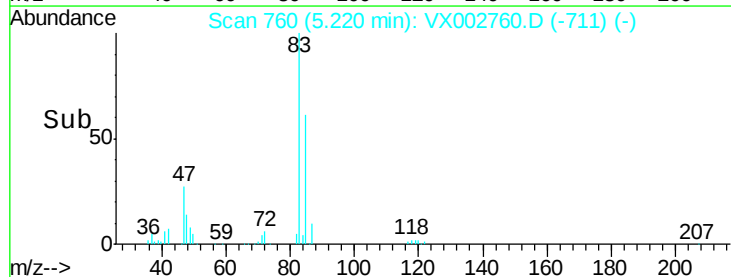
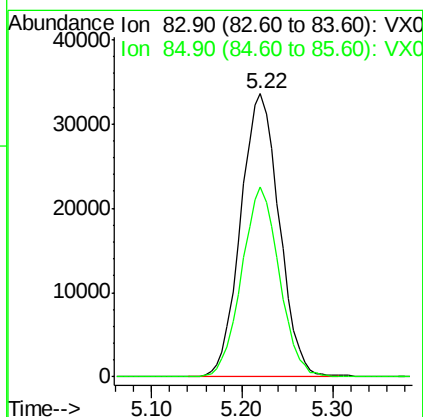
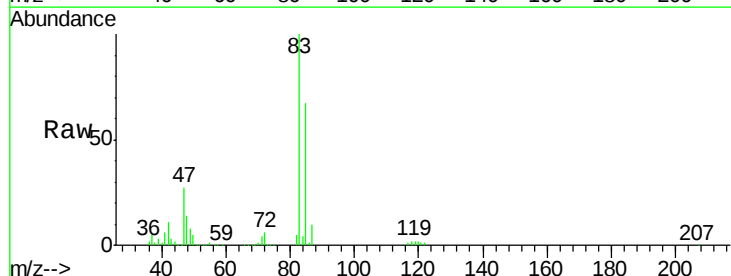
Instrument :
MSVOA_X
ClientSampled :

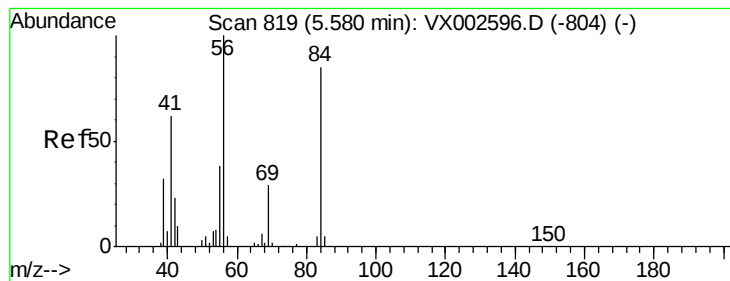
Tot Ion: 42 Resp: 135982
Ion Ratio Lower Upper
42 100
72 41.8 32.0 48.0
71 39.1 30.1 45.1



#30
Chloroform
Concen: 19.70 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion: 83 Resp: 98906
Ion Ratio Lower Upper
83 100
85 67.2 50.4 75.6





#31

Cyclohexane

Concen: 18.89 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :
MSVOA_X
ClientSampleId :

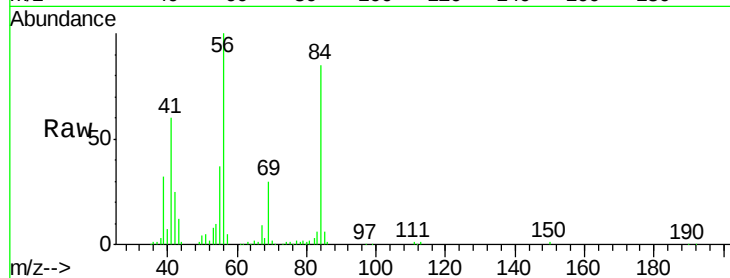
Tot Ion: 56 Resp: 81001

Ion Ratio Lower Upper

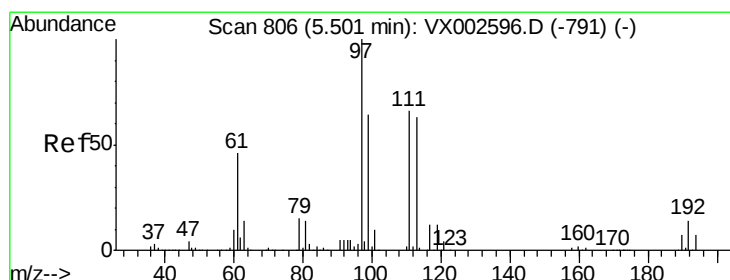
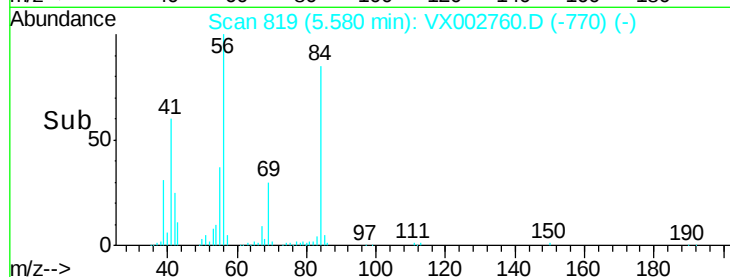
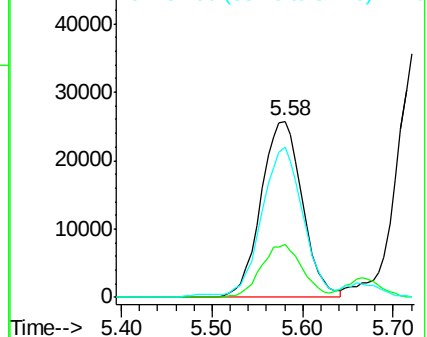
56 100

69 30.3 23.7 35.5

84 84.4 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 20.56 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

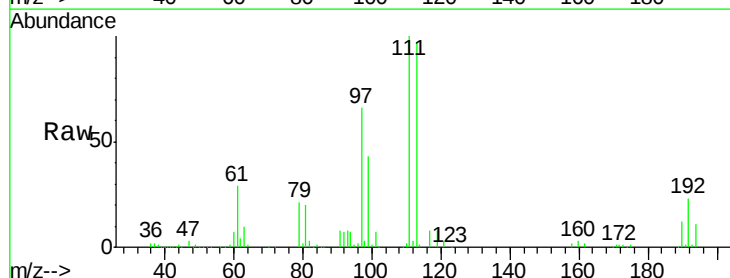
Tgt Ion: 97 Resp: 86339

Ion Ratio Lower Upper

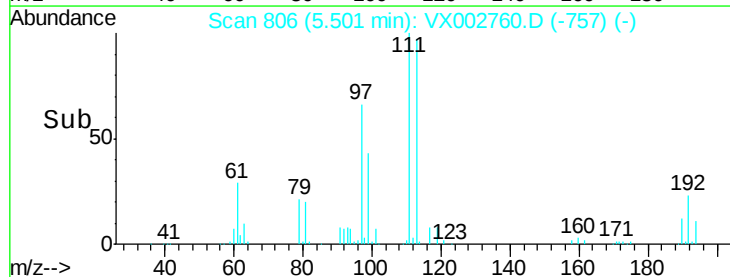
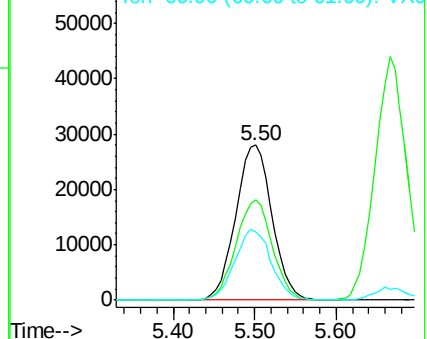
97 100

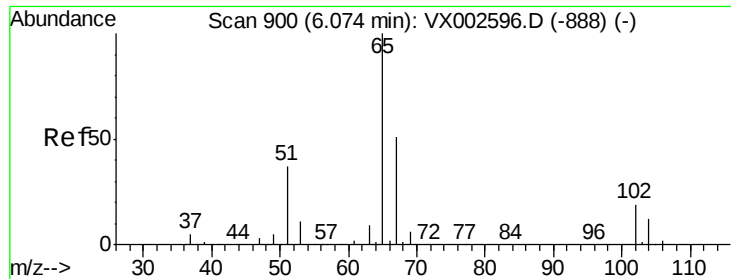
99 64.7 51.6 77.4

61 45.8 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

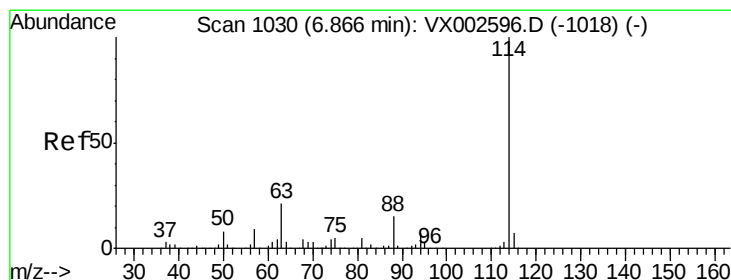
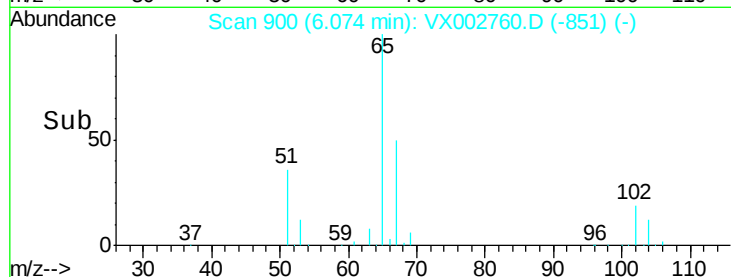
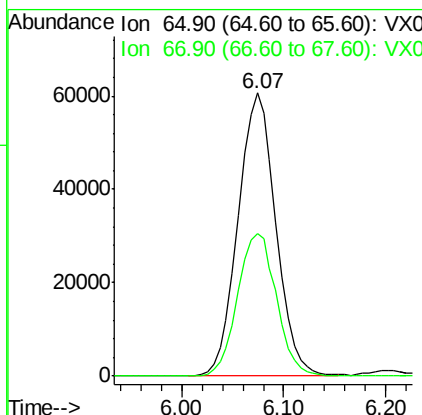
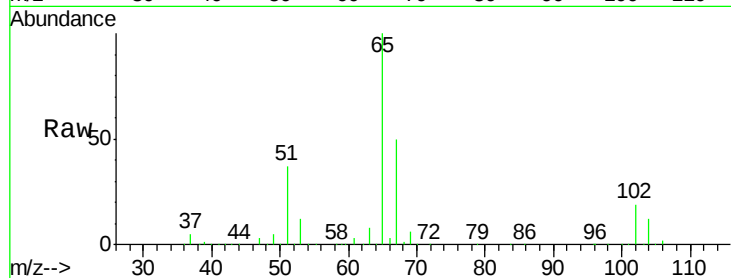




#33
 1,2-Dichloroethane-d4
 Concen: 43.03 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

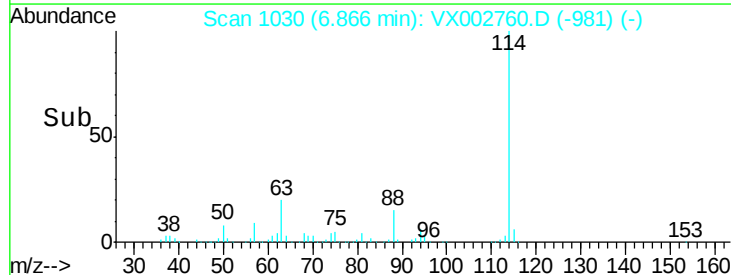
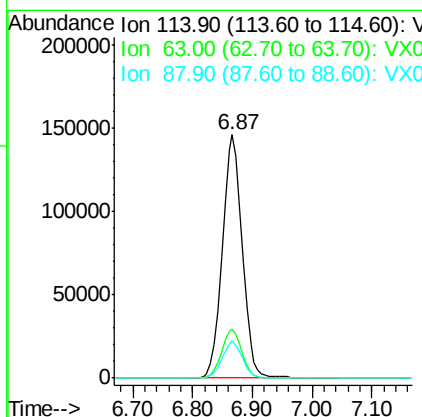
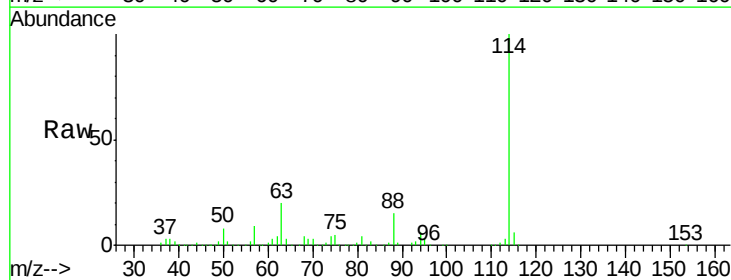
Instrument :
 MSVOA_X
 ClientSampleId :

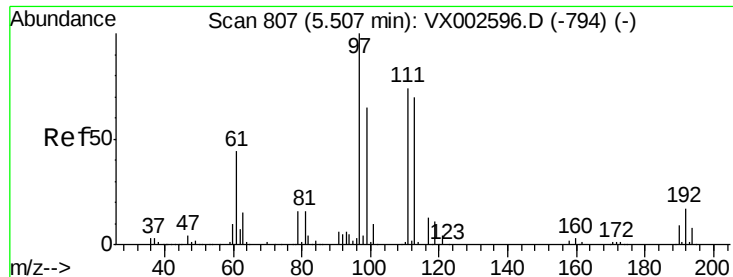
Tot Ion: 65 Resp: 156308
 Ion Ratio Lower Upper
 65 100
 67 51.8 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Tgt Ion: 114 Resp: 340265
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 41.4
 88 15.3 0.0 30.0





#35

Dibromofluoromethane

Concen: 46.71 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :
MSVOA_X
ClientSampled :

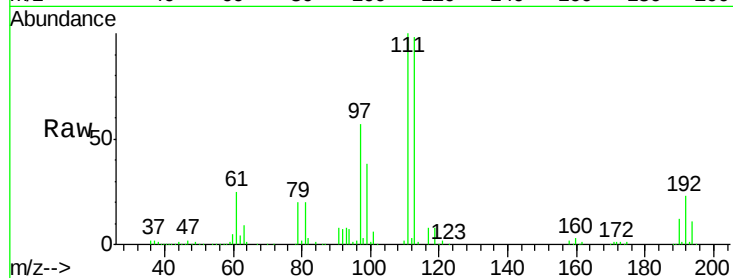
Tot Ion:113 Resp: 126852

Ion Ratio Lower Upper

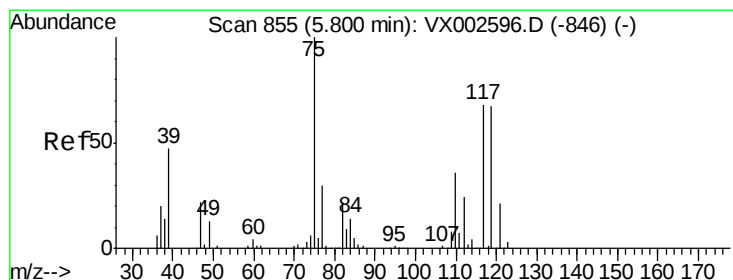
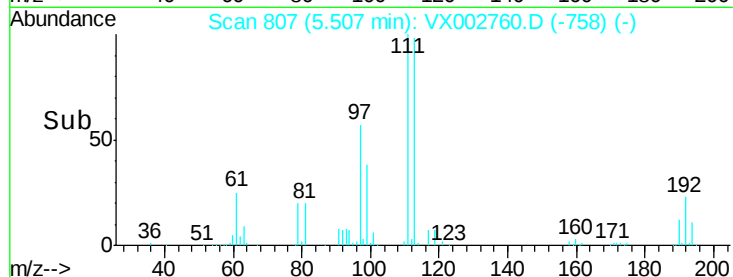
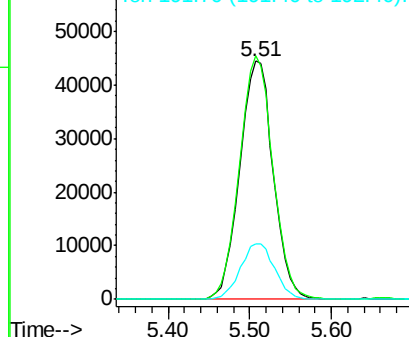
113 100

111 101.7 81.4 122.0

192 23.9 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.24 ug/l

RT: 5.80 min Scan# 855

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

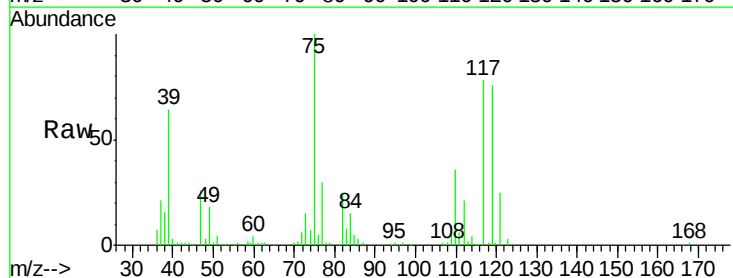
Tgt Ion: 75 Resp: 69533

Ion Ratio Lower Upper

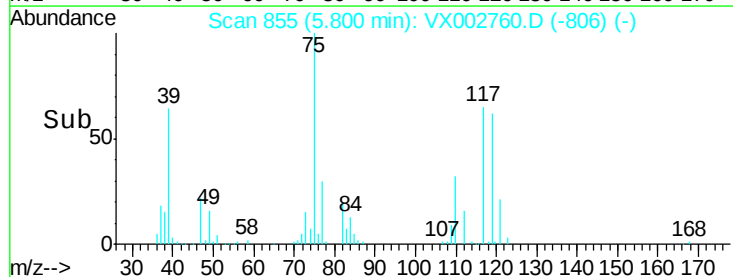
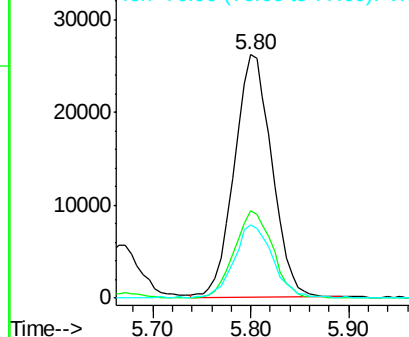
75 100

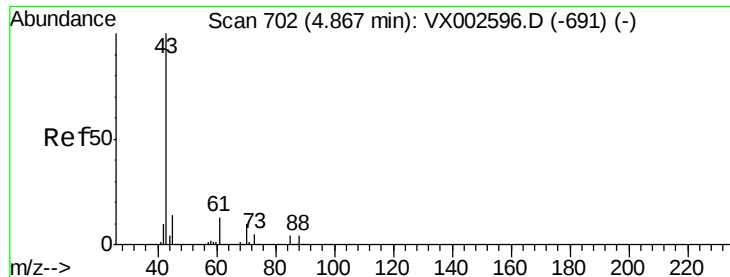
110 37.0 18.1 54.4

77 30.9 24.3 36.5



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 109.90 (109.60 to 110.60): V
Ion 76.90 (76.60 to 77.60): VX0

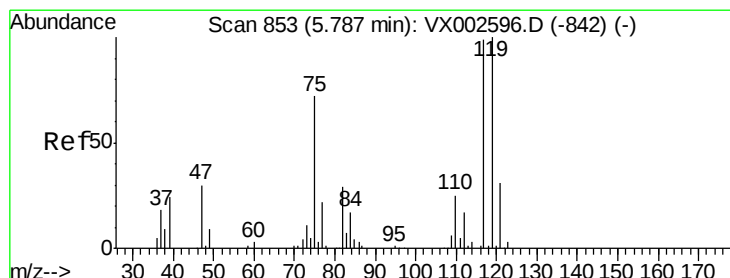
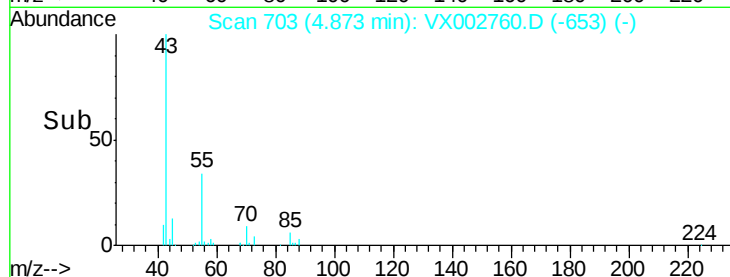
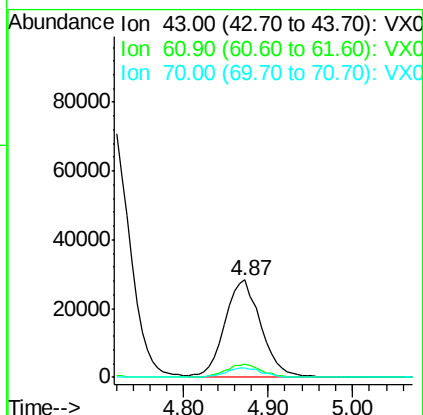
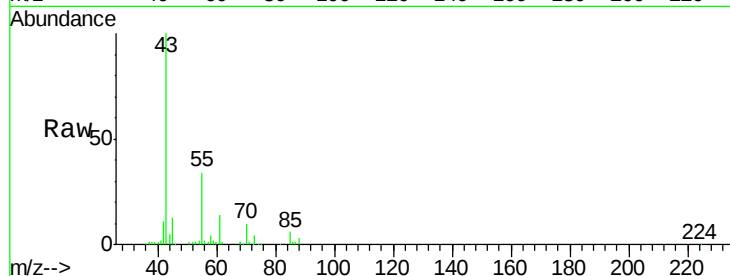




#37
Ethyl Acetate
Concen: 19.88 ug/l
RT: 4.87 min Scan# 703
Delta R.T. 0.01 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

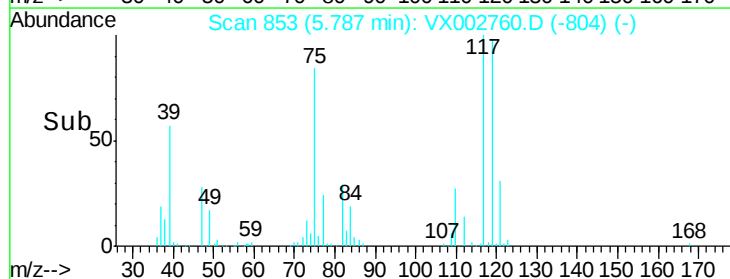
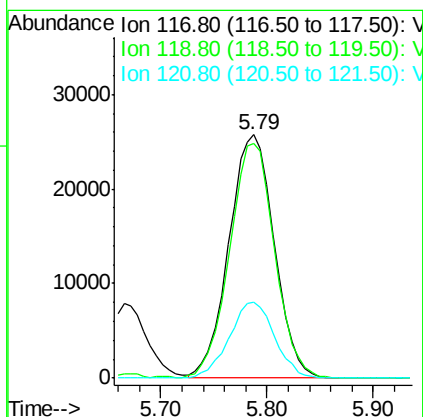
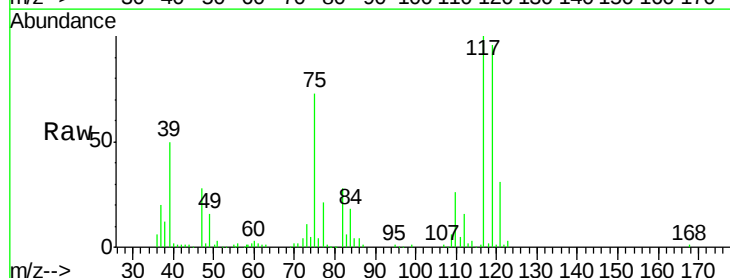
Instrument :
MSVOA_X
ClientSampleID :

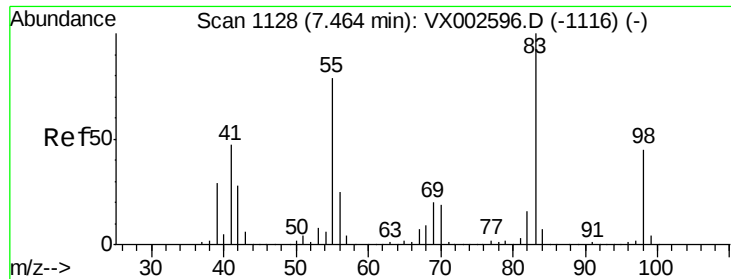
Tot Ion: 43 Resp: 81323
Ion Ratio Lower Upper
43 100
61 13.2 10.4 15.6
70 9.9 7.6 11.4



#38
Carbon Tetrachloride
Concen: 21.34 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion: 117 Resp: 76778
Ion Ratio Lower Upper
117 100
119 96.0 77.4 116.0
121 31.3 24.4 36.6

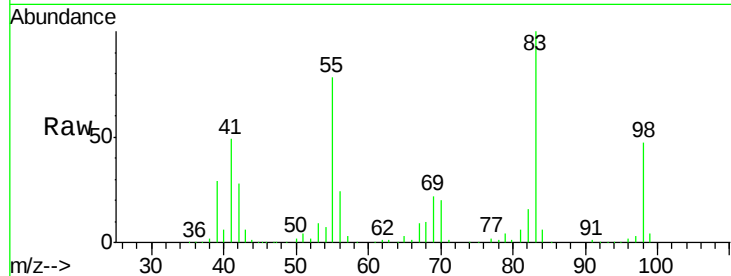




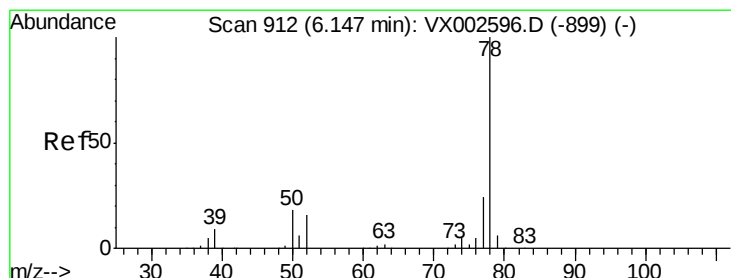
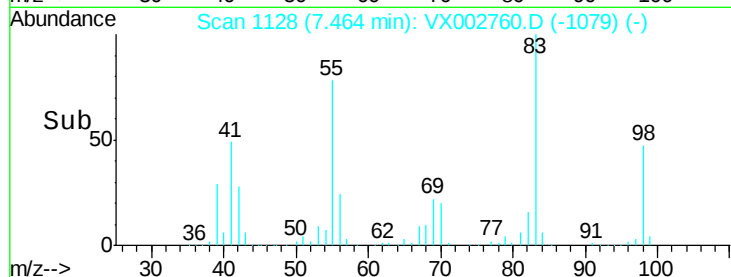
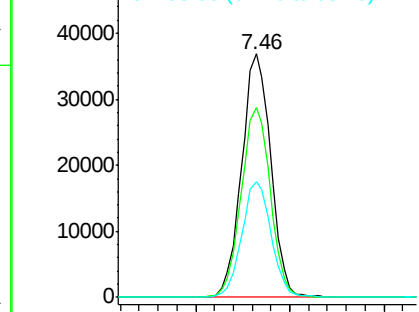
#39
Methvlcvclohexane
Concen: 18.93 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 83 Resp: 79971
Ion Ratio Lower Upper
83 100
55 78.1 65.4 98.0
98 47.3 37.4 56.0

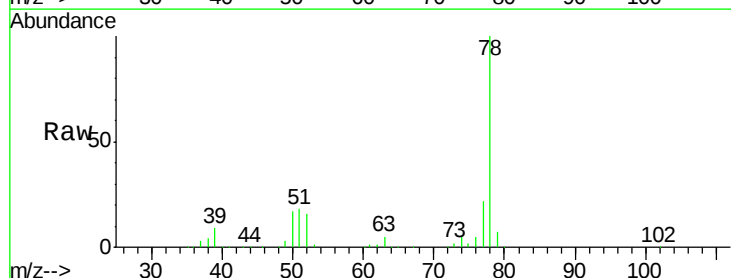


Abundance Ion 83.00 (82.70 to 83.70): VX0
Ion 55.00 (54.70 to 55.70): VX0
Ion 98.00 (97.70 to 98.70): VX0

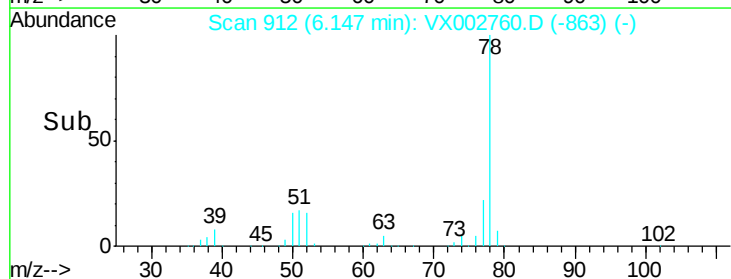
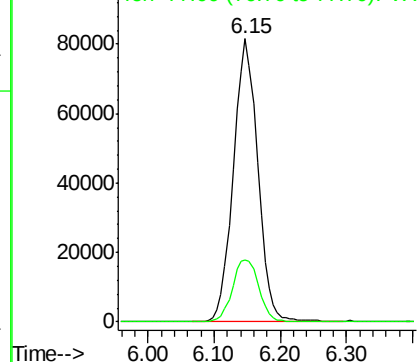


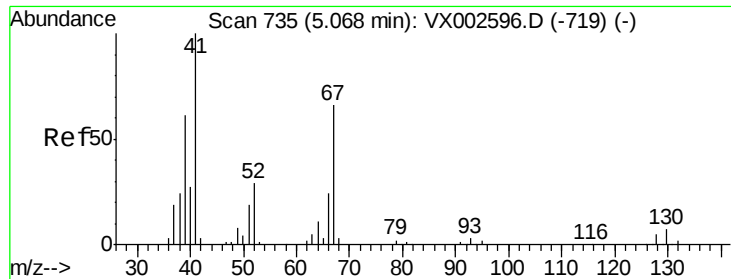
#40
Benzene
Concen: 19.35 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion: 78 Resp: 209694
Ion Ratio Lower Upper
78 100
77 22.1 19.1 28.7



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

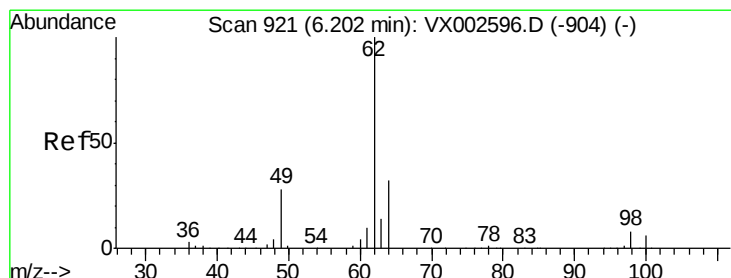
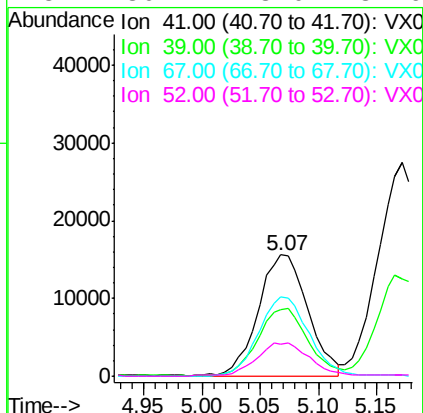
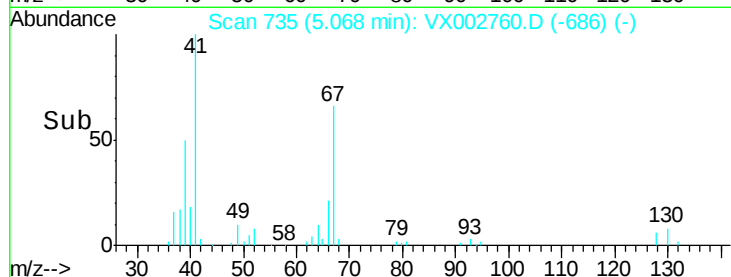
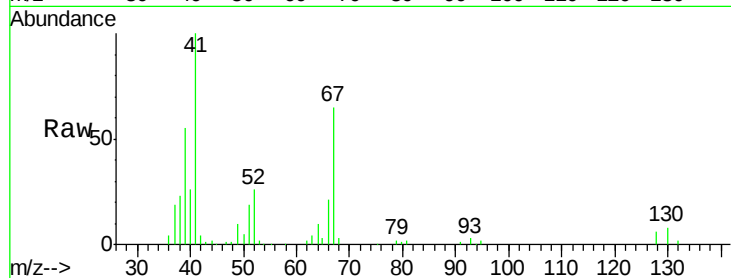




#41
Methacrylonitrile
Concen: 19.69 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

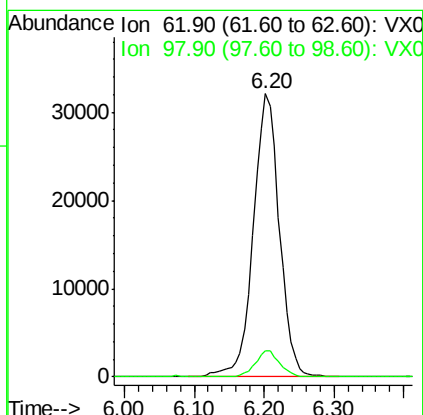
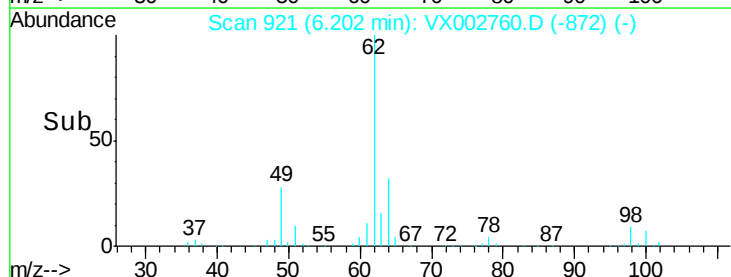
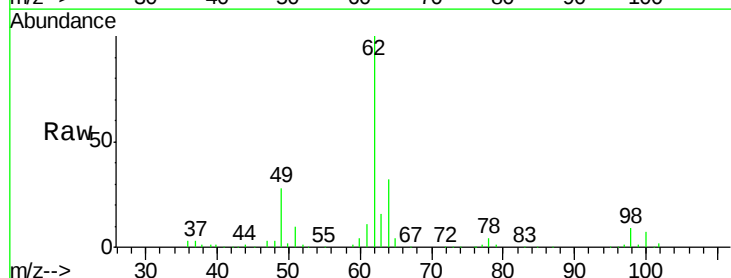
Instrument :
MSVOA_X
ClientSampled :

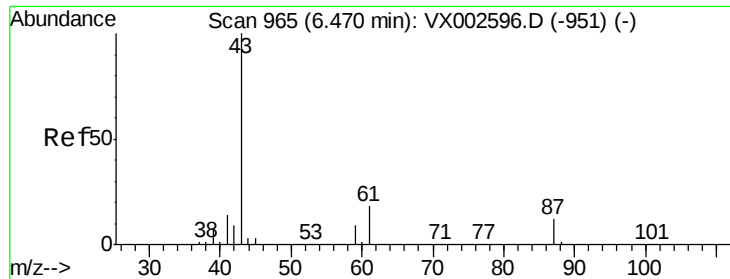
Tot Ion:	41	Resp:	45472
Ion	Ratio	Lower	Upper
41	100		
39	57.1	45.8	68.6
67	66.8	51.3	76.9
52	30.2	23.0	34.6



#42
1,2-Dichloroethane
Concen: 19.80 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion:	62	Resp:	83073
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	16.6





#43

Isopropyl Acetate

Concen: 19.03 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

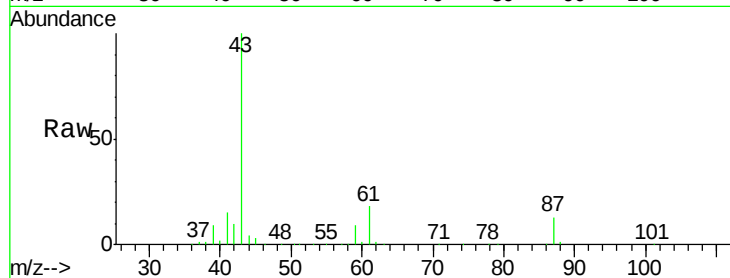
Tot Ion: 43 Resp: 128986

Ion Ratio Lower Upper

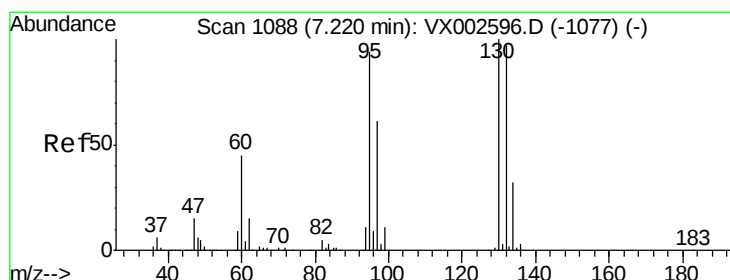
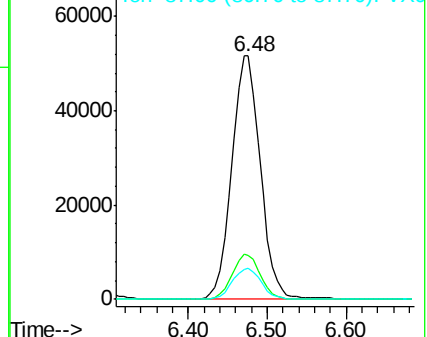
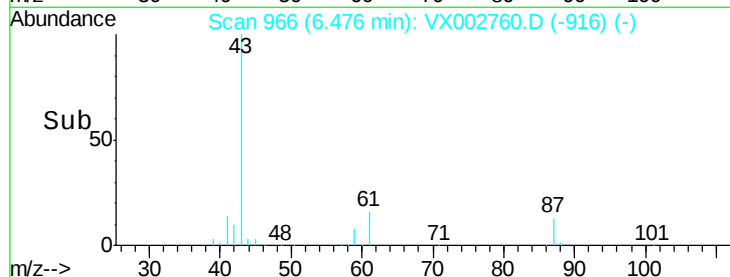
43 100

61 18.6 14.4 21.6

87 12.9 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX002760.D (-916) (-)



#44

Trichloroethene

Concen: 19.48 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002760.D

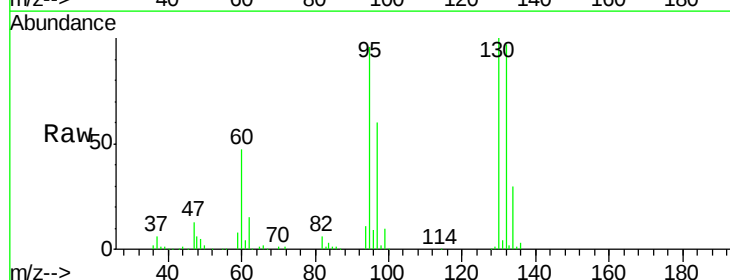
Acq: 21 Jun 2018 00:19

Tgt Ion:130 Resp: 60939

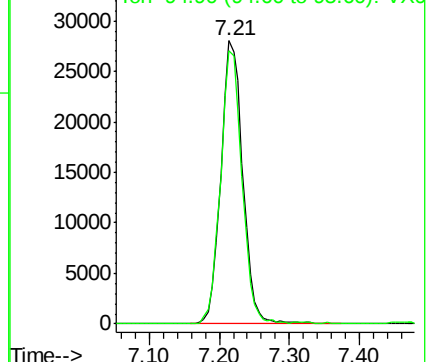
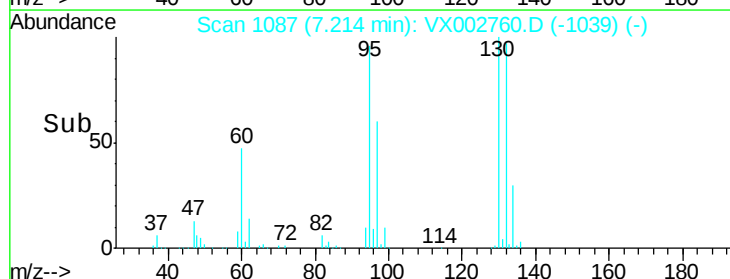
Ion Ratio Lower Upper

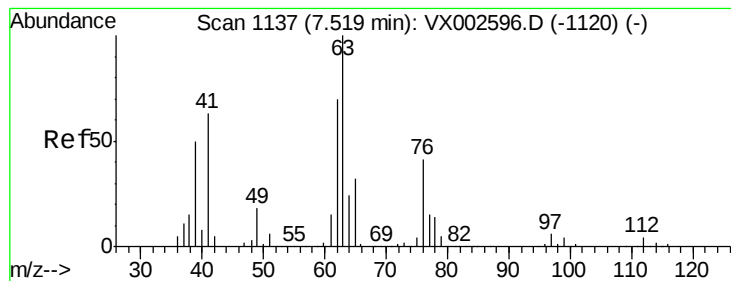
130 100

95 96.4 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): VX002760.D (-1039) (-)





#45

1,2-Dichloropropane

Concen: 18.98 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

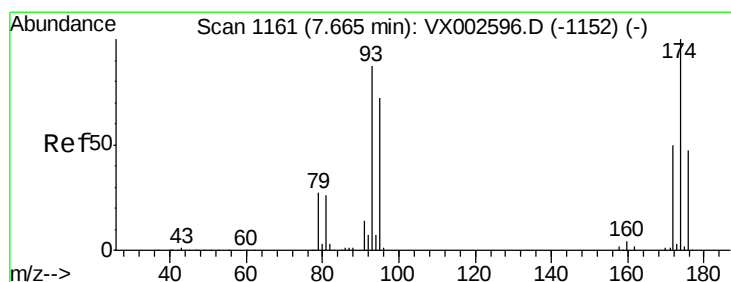
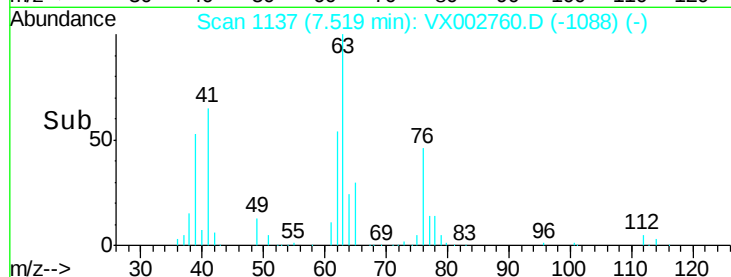
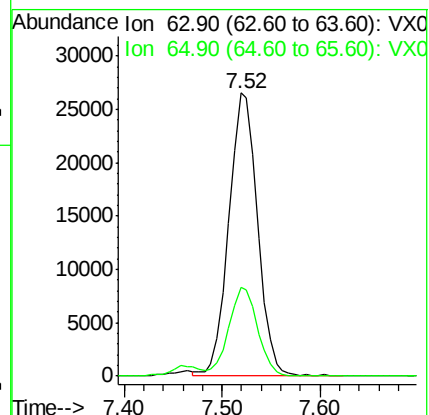
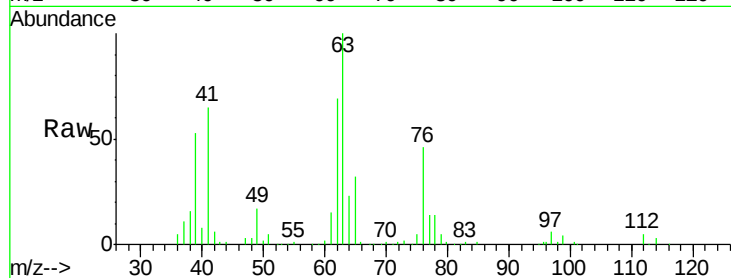
ClientSampled :

Tot Ion: 63 Resp: 54123

Ion Ratio Lower Upper

63 100

65 31.2 24.7 37.1



#46

Dibromomethane

Concen: 20.47 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

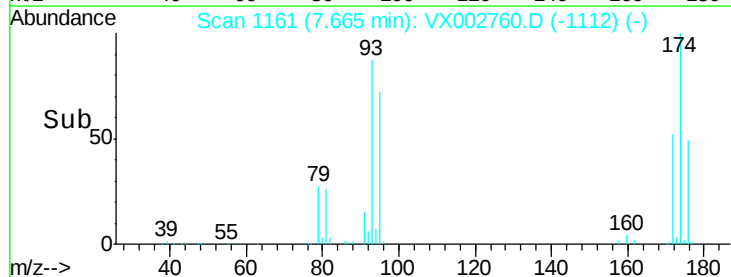
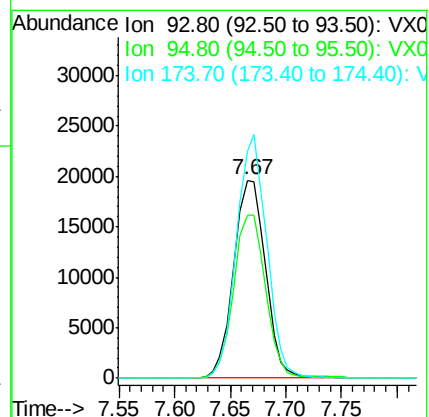
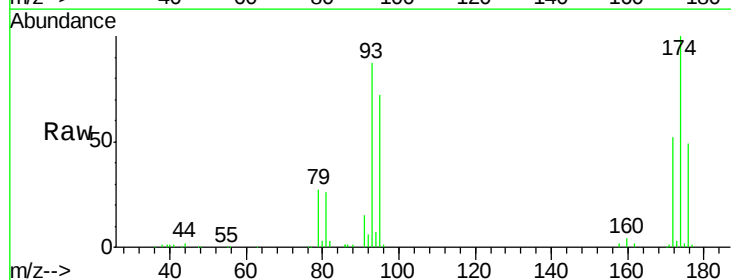
Tgt Ion: 93 Resp: 39056

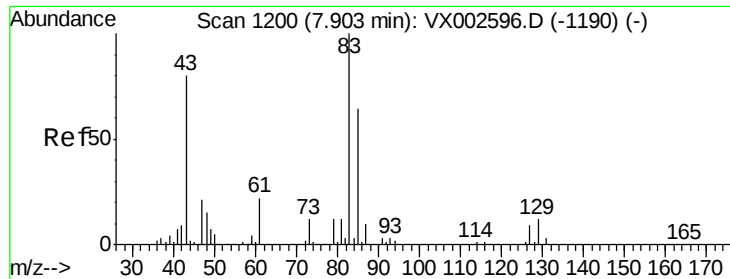
Ion Ratio Lower Upper

93 100

95 82.9 65.9 98.9

174 116.8 92.4 138.6





#47

Bromodichloromethane

Concen: 21.17 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

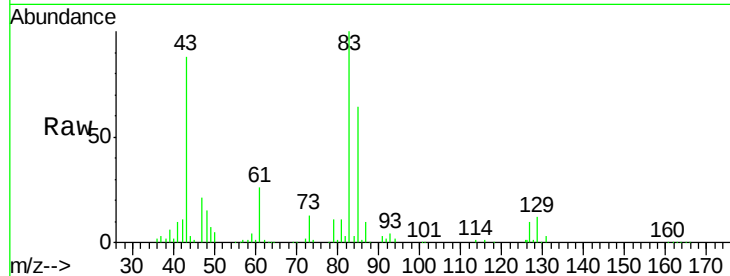
Tot Ion: 83 Resp: 71219

Ion Ratio Lower Upper

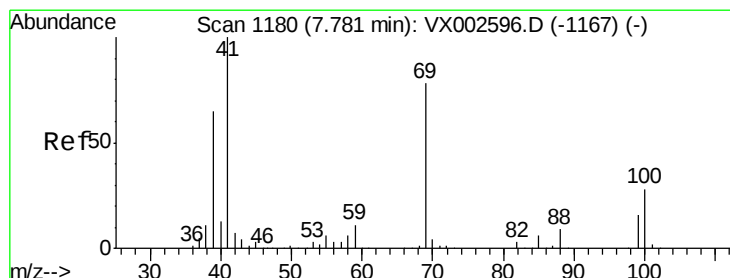
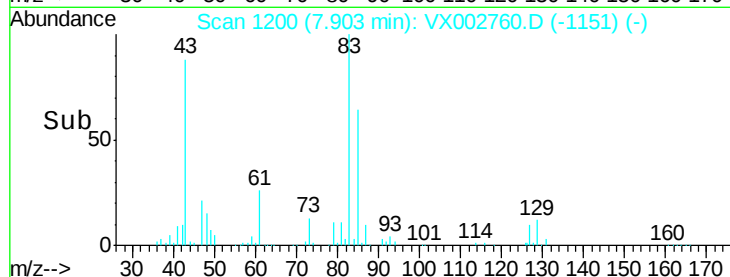
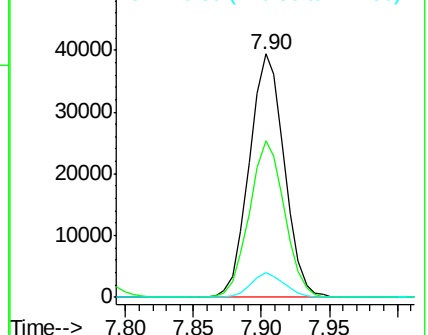
83 100

85 64.3 50.3 75.5

127 10.1 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: 19.31 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

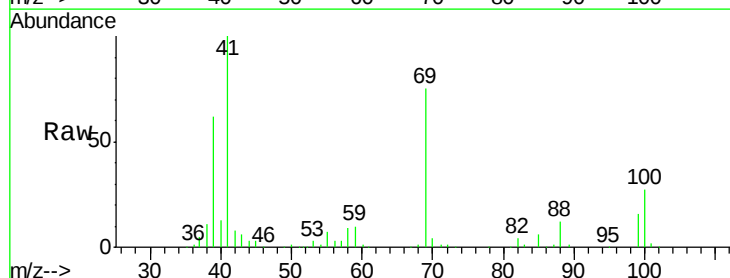
Tgt Ion: 41 Resp: 66862

Ion Ratio Lower Upper

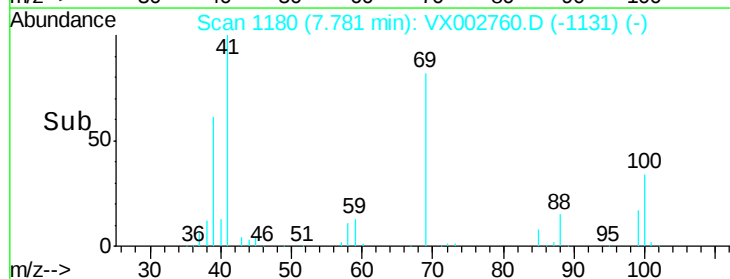
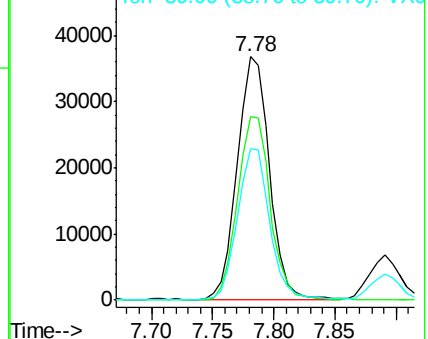
41 100

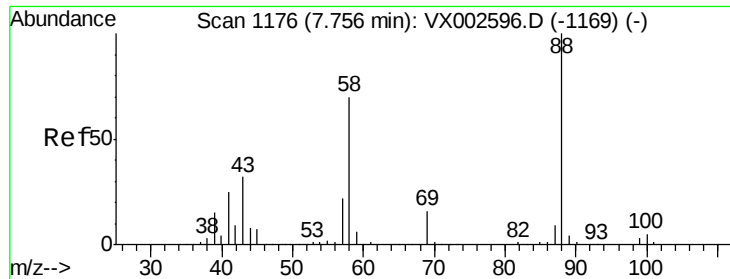
69 77.1 59.1 88.7

39 61.3 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

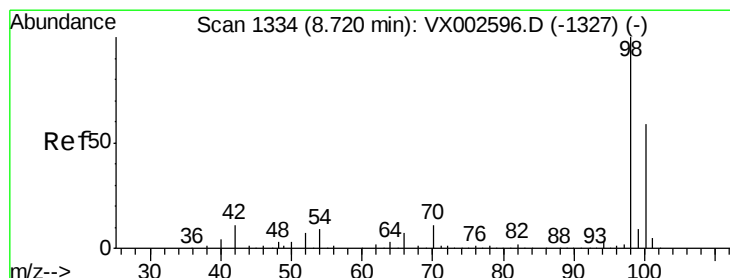
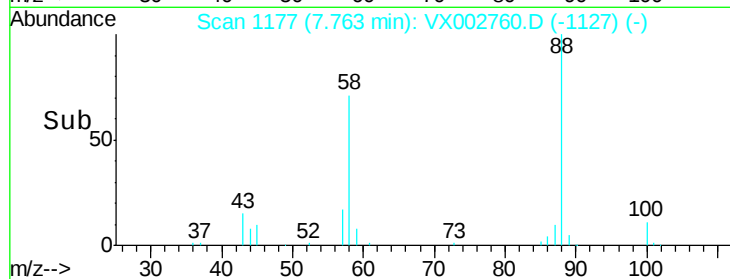
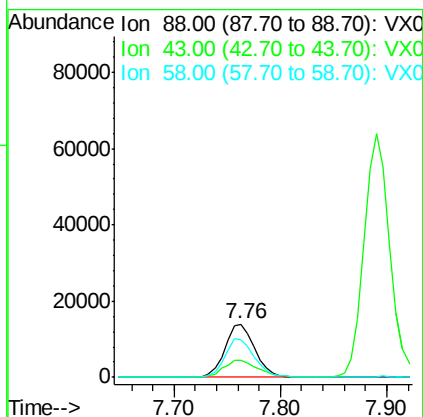
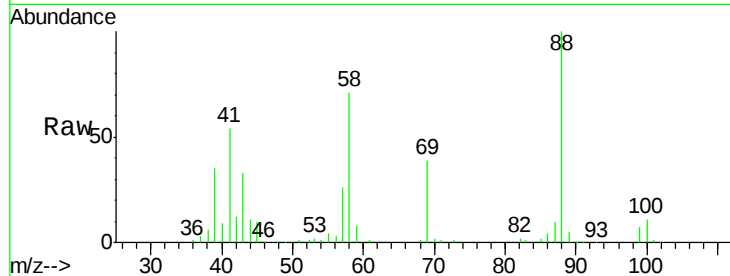




#49
1,4-Dioxane
Concen: 416.24 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

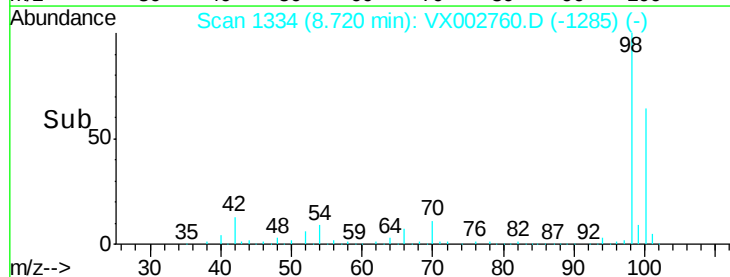
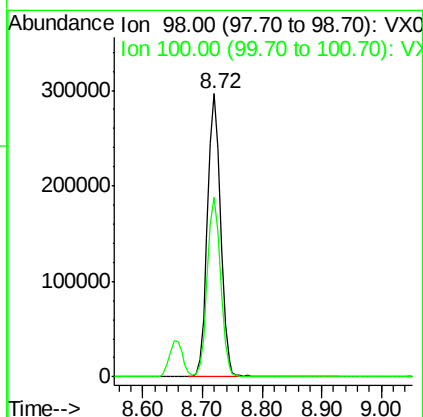
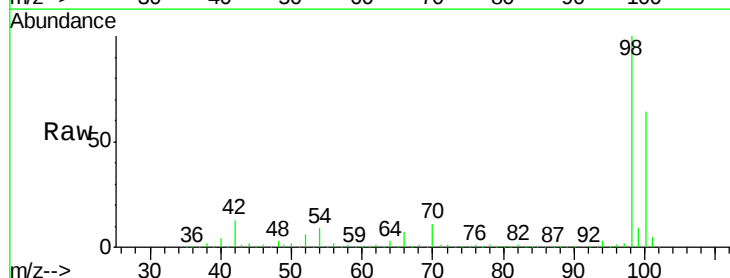
Instrument :
MSVOA_X
ClientSampleId :

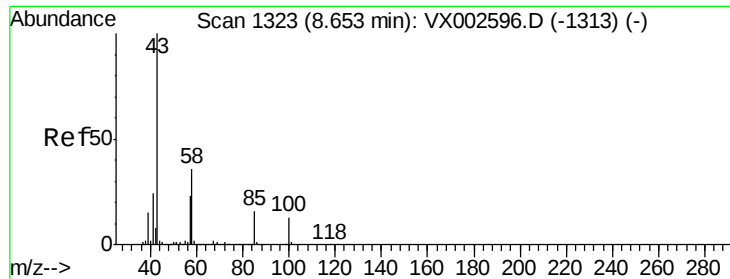
Tot Ion: 88 Resp: 27298
Ion Ratio Lower Upper
88 100
43 35.5 29.8 44.6
58 72.3 57.1 85.7



#50
Toluene-d8
Concen: 43.60 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion: 98 Resp: 449575
Ion Ratio Lower Upper
98 100
100 64.2 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 99.28 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

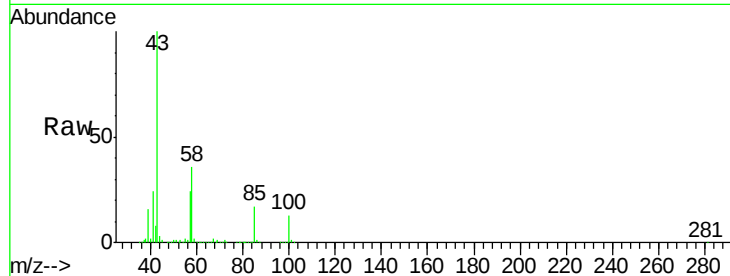
ClientSampleId :

Tot Ion: 43 Resp: 431977

Ion Ratio Lower Upper

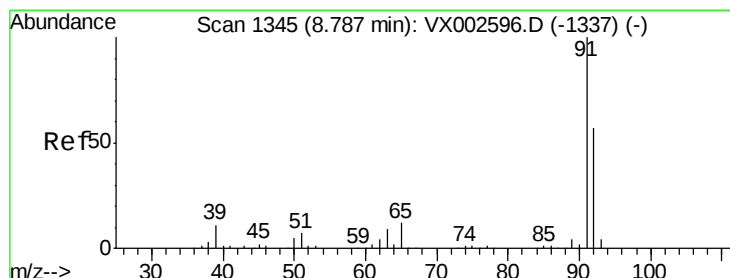
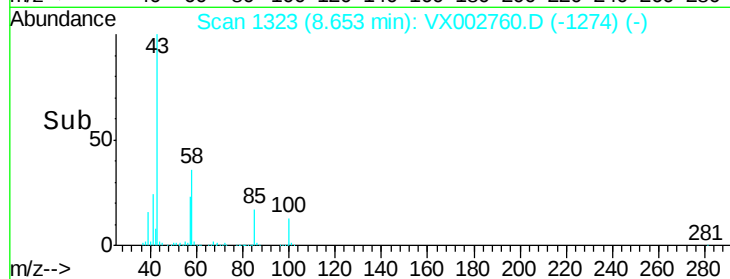
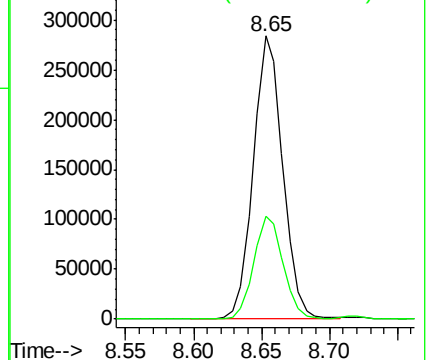
43 100

58 36.3 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#52

Toluene

Concen: 19.27 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002760.D

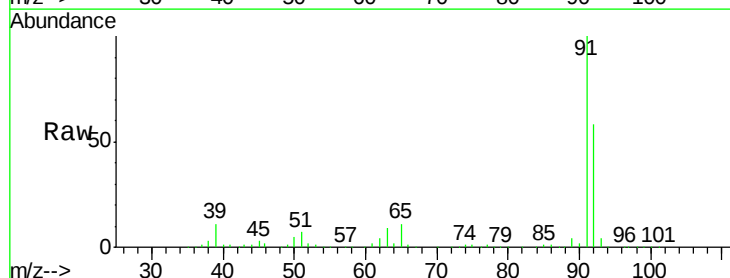
Acq: 21 Jun 2018 00:19

Tgt Ion: 92 Resp: 133191

Ion Ratio Lower Upper

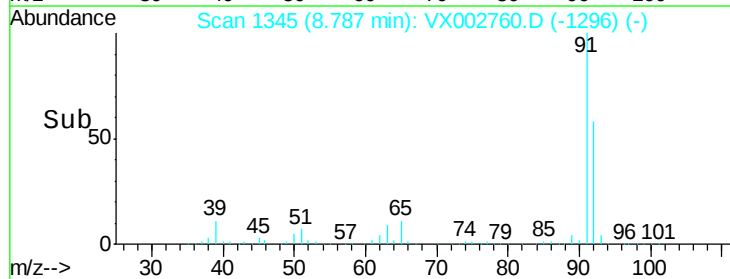
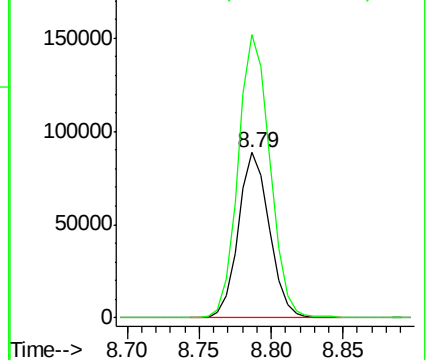
92 100

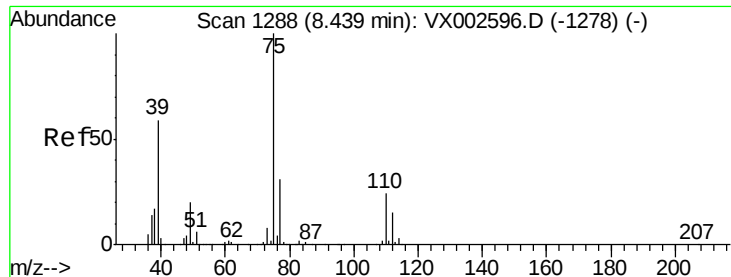
91 175.6 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

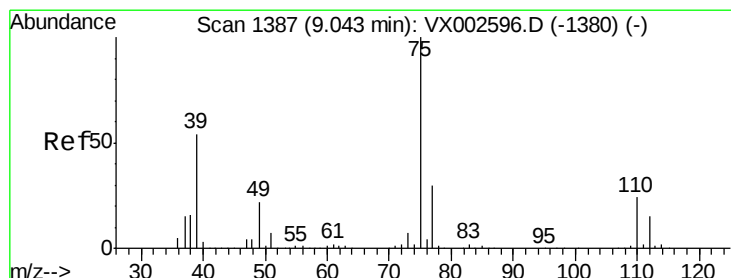
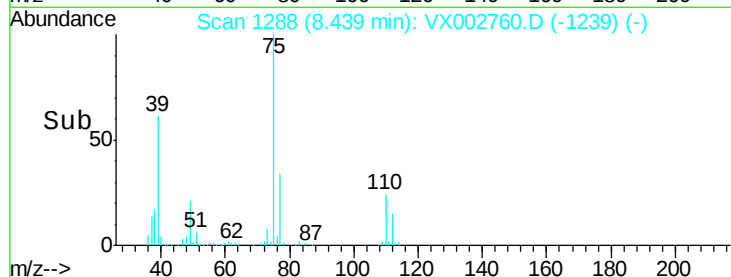
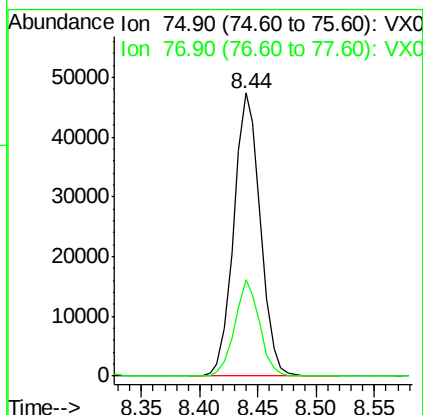
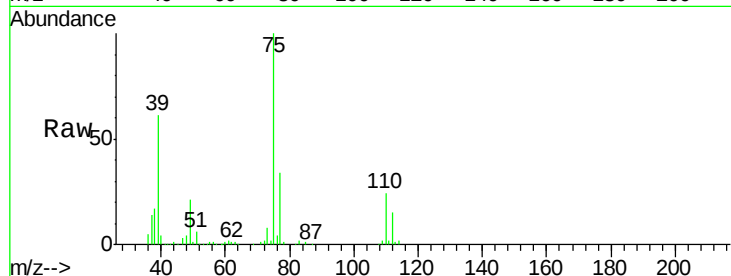




#53
t-1,3-Dichloropropene
Concen: 18.44 ug/l
RT: 8.44 min Scan# 1288
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

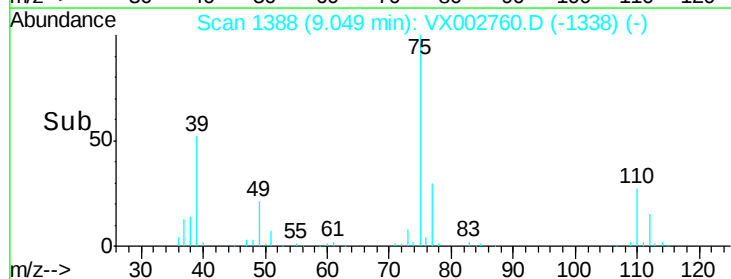
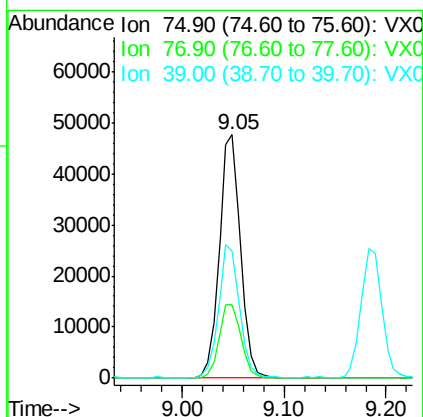
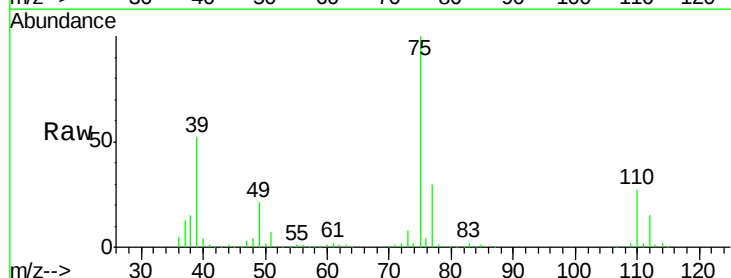
Instrument :
MSVOA_X
ClientSampled :

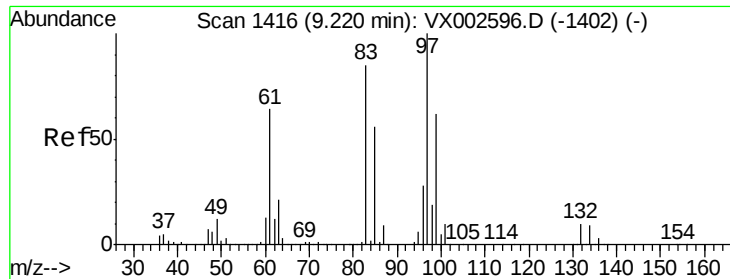
Tot Ion: 75 Resp: 75062
Ion Ratio Lower Upper
75 100
77 34.3 25.4 38.2



#54
cis-1,3-Dichloropropene
Concen: 18.44 ug/l
RT: 9.05 min Scan# 1388
Delta R.T. 0.01 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion: 75 Resp: 69140
Ion Ratio Lower Upper
75 100
77 30.1 24.8 37.2
39 52.0 42.4 63.6

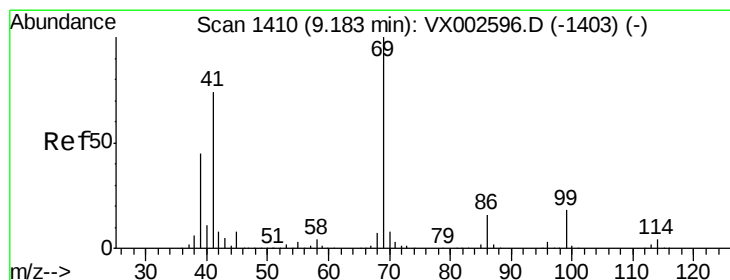
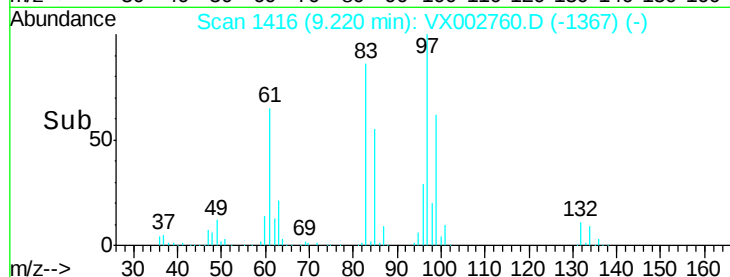
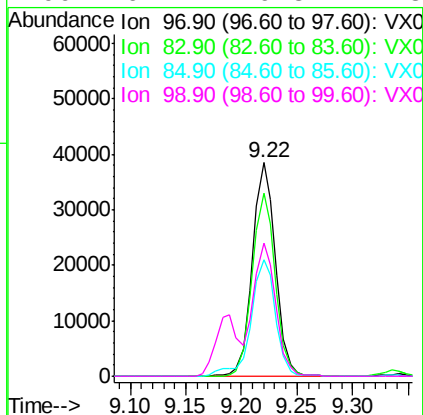
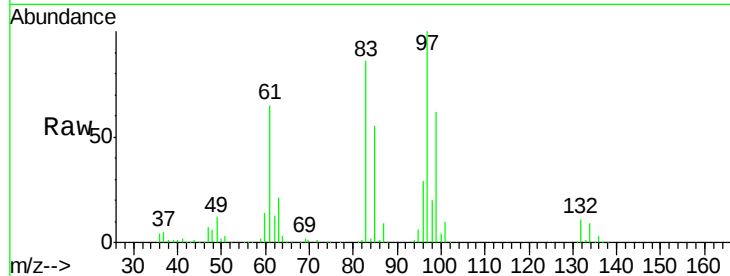




#55
 1,1,2-Trichloroethane
 Concen: 19.93 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

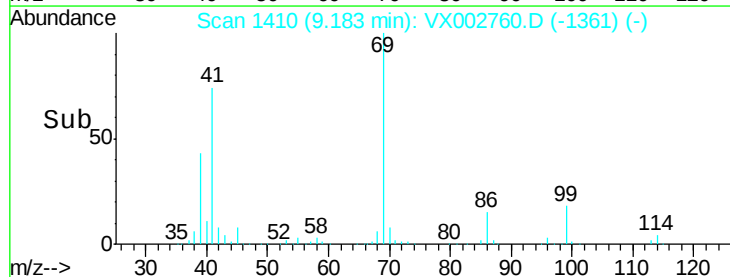
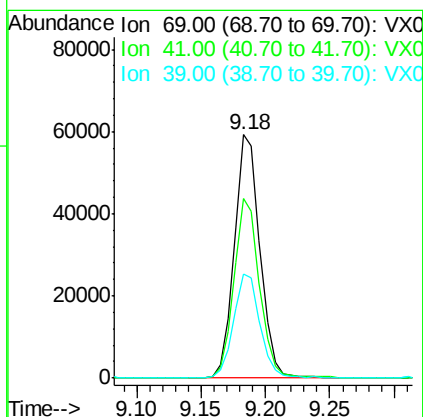
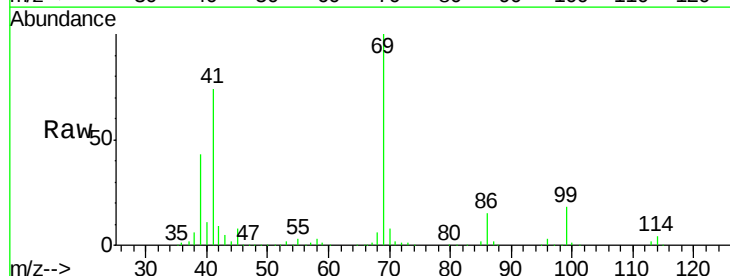
Instrument :
 MSVOA_X
 ClientSampled :

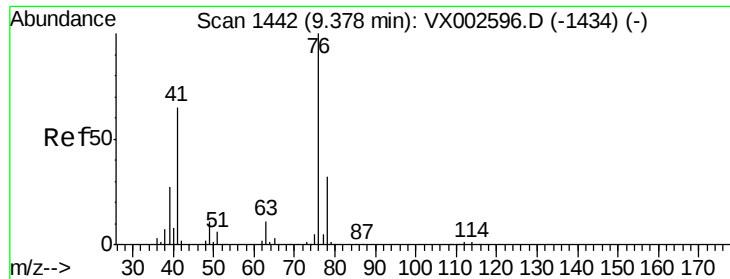
Tot Ion: 97 Resp: 55665
 Ion Ratio Lower Upper
 97 100
 83 85.8 70.2 105.2
 85 54.8 44.9 67.3
 99 62.4 49.8 74.8



#56
 Ethyl methacrylate
 Concen: 19.12 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Tgt Ion: 69 Resp: 82189
 Ion Ratio Lower Upper
 69 100
 41 72.9 60.3 90.5
 39 43.3 35.8 53.8

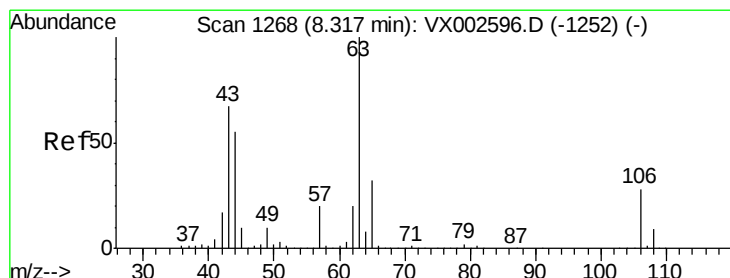
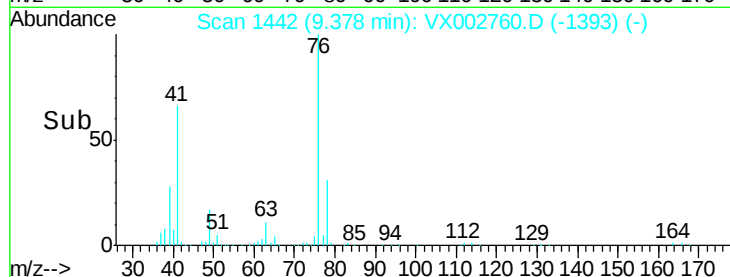
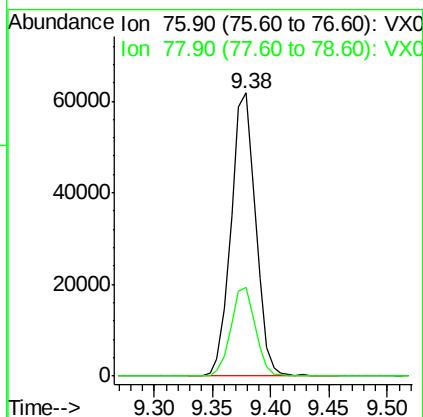
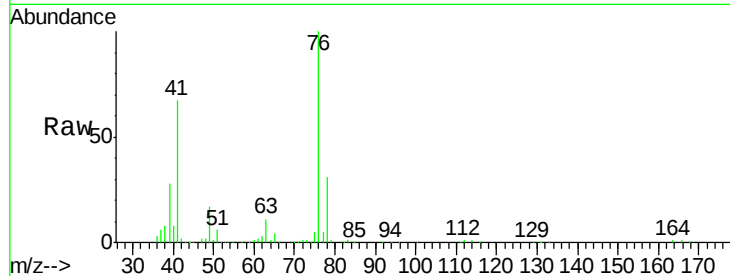




#57
 1,3-Dichloropropane
 Concen: 19.33 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

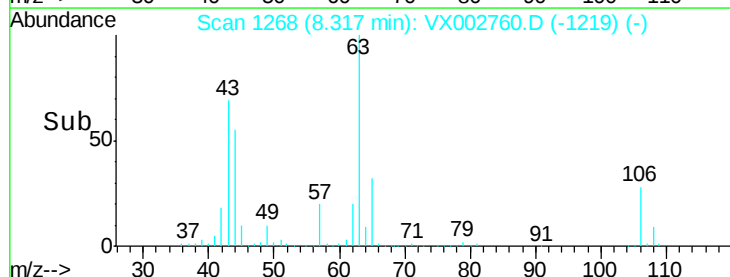
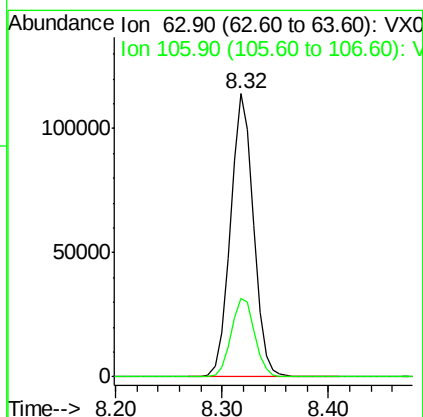
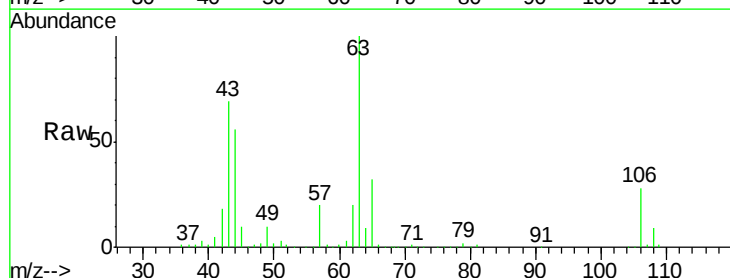
Instrument :
 MSVOA_X
 ClientSampled :

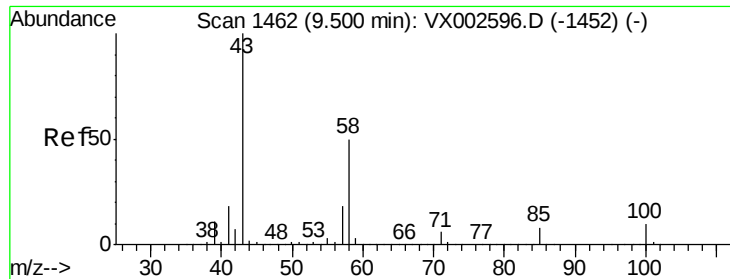
Tot Ion: 76 Resp: 91289
 Ion Ratio Lower Upper
 76 100
 78 31.3 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 83.54 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Tgt Ion: 63 Resp: 173670
 Ion Ratio Lower Upper
 63 100
 106 28.4 21.8 32.8

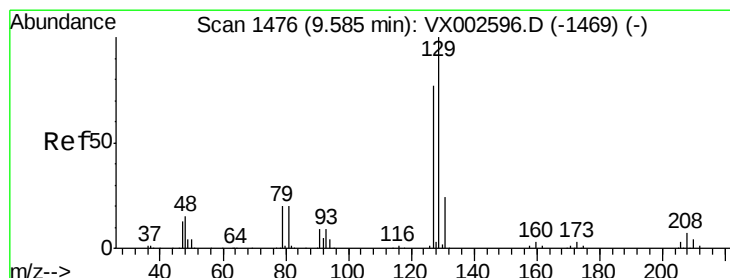
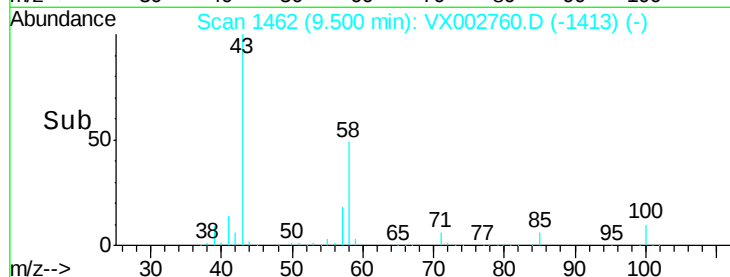
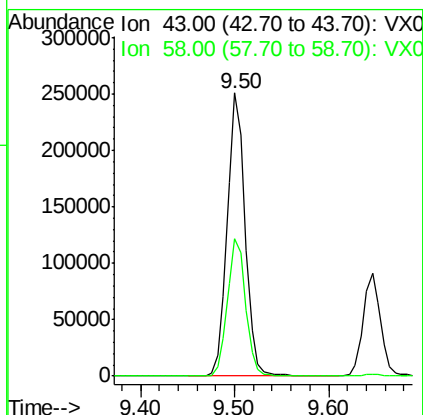
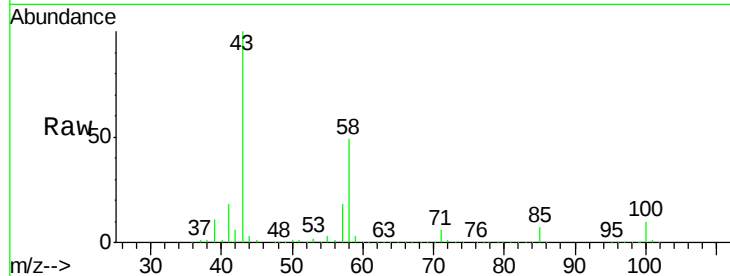




#59
2-Hexanone
Concen: 100.88 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

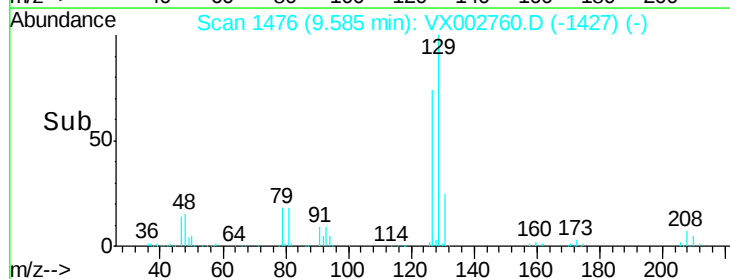
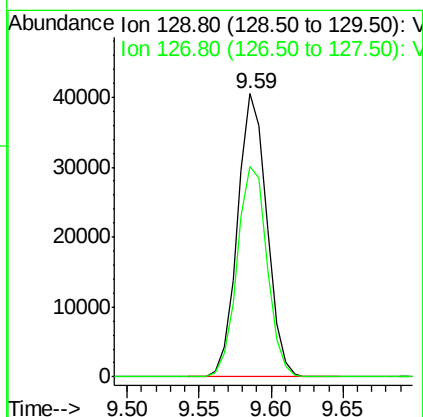
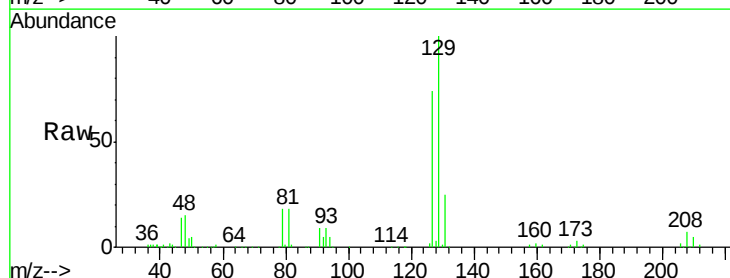
Instrument :
MSVOA_X
ClientSampled :

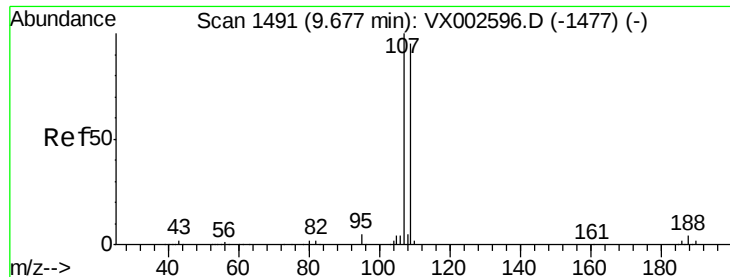
Tot Ion: 43 Resp: 330783
Ion Ratio Lower Upper
43 100
58 49.8 24.6 73.6



#60
Dibromochloromethane
Concen: 20.60 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion:129 Resp: 57220
Ion Ratio Lower Upper
129 100
127 75.9 38.5 115.3





#61

1,2-Dibromoethane

Concen: 19.94 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

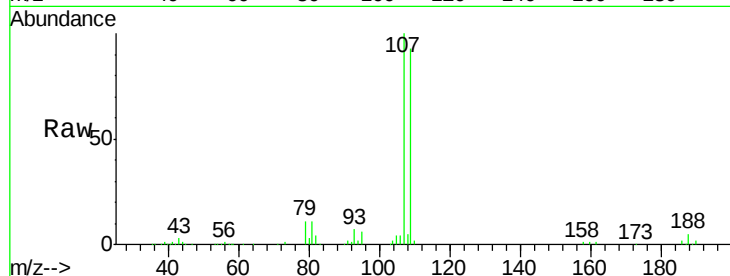
ClientSampleId :

Tot Ion:107 Resp: 57682

Ion Ratio Lower Upper

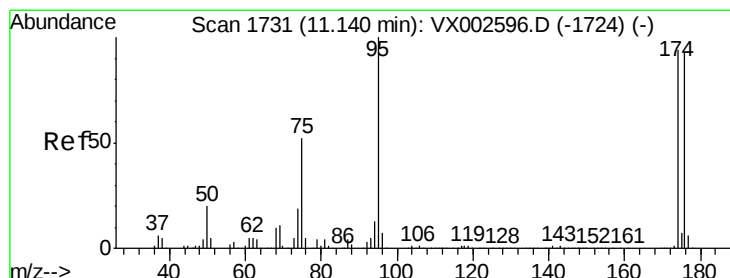
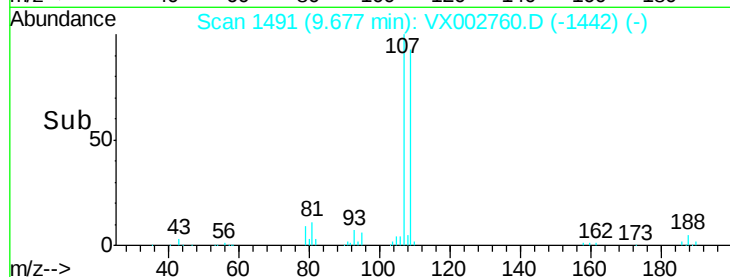
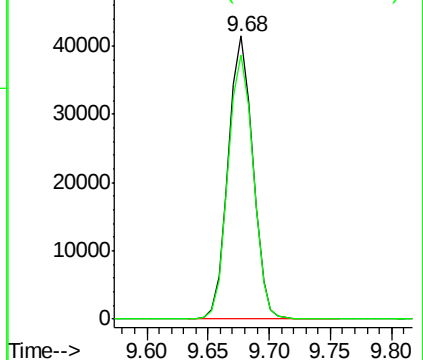
107 100

109 95.8 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: 43.21 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

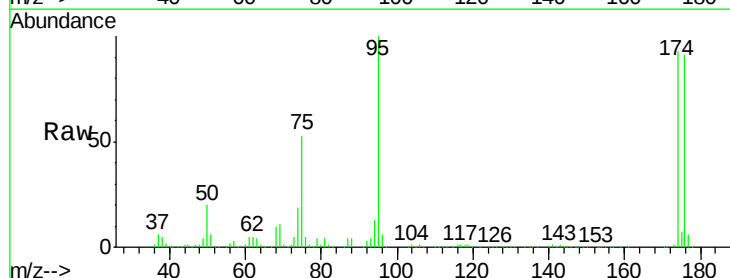
Tgt Ion: 95 Resp: 168834

Ion Ratio Lower Upper

95 100

174 96.9 0.0 187.4

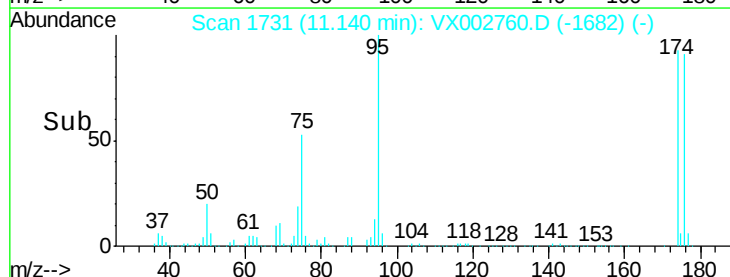
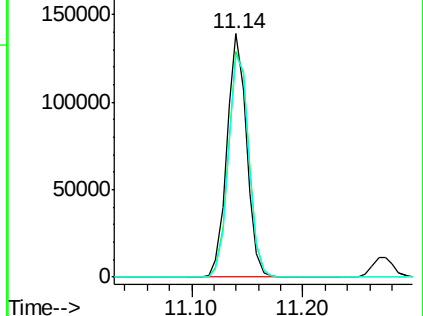
176 95.4 0.0 181.0

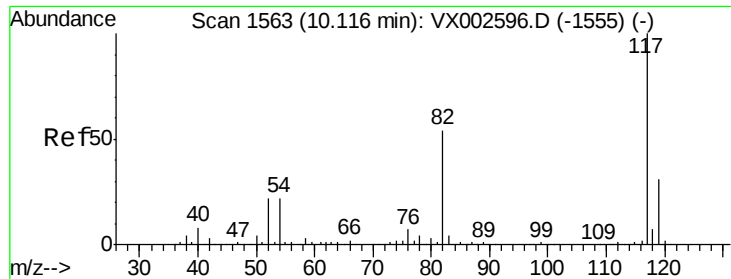


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

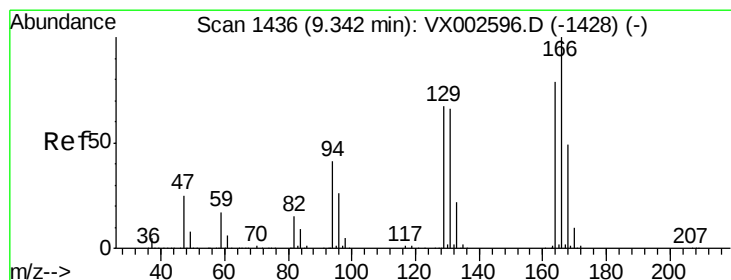
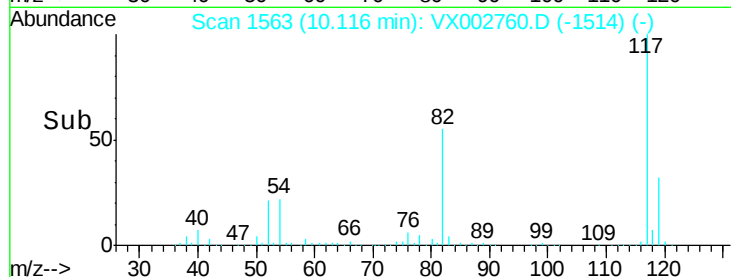
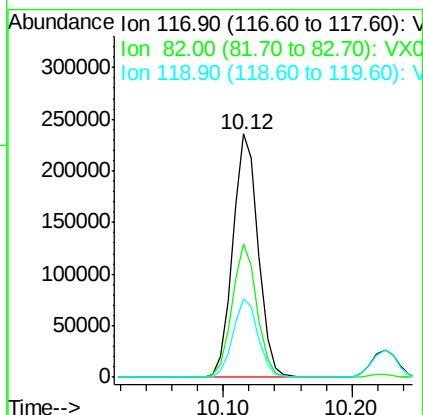
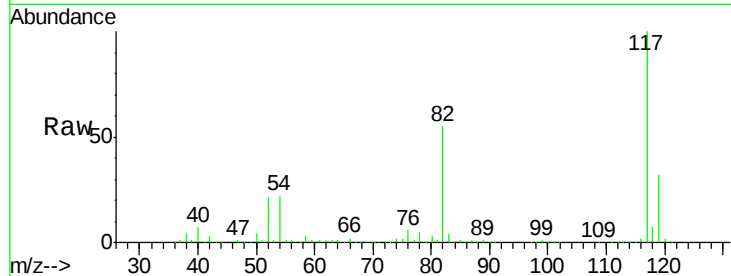




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

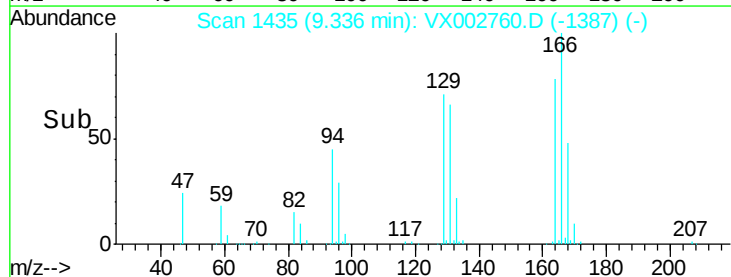
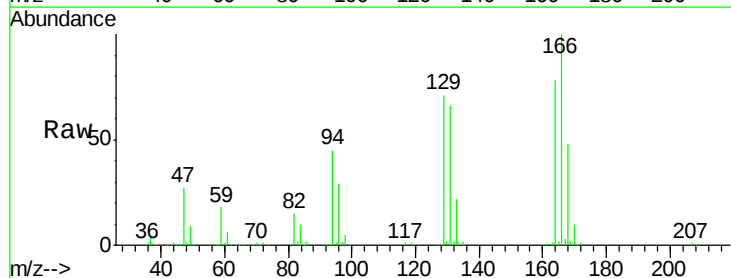
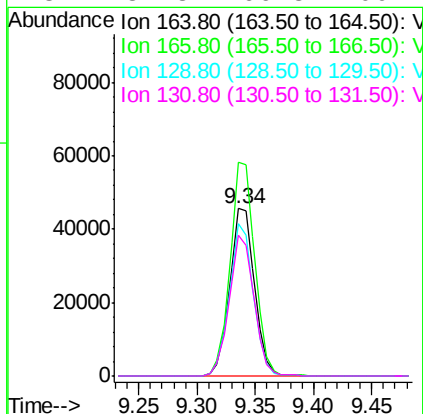
Instrument :
MSVOA_X
ClientSampleId :

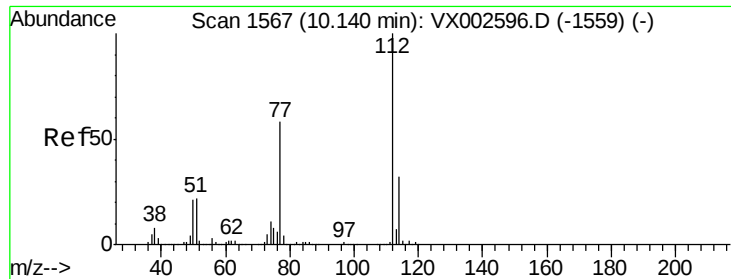
Tot Ion:117 Resp: 323622
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.4
119 32.2 25.8 38.6



#64
Tetrachloroethene
Concen: 18.81 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion:164 Resp: 67565
Ion Ratio Lower Upper
164 100
166 127.4 102.9 154.3
129 90.6 68.6 102.8
131 84.3 66.8 100.2

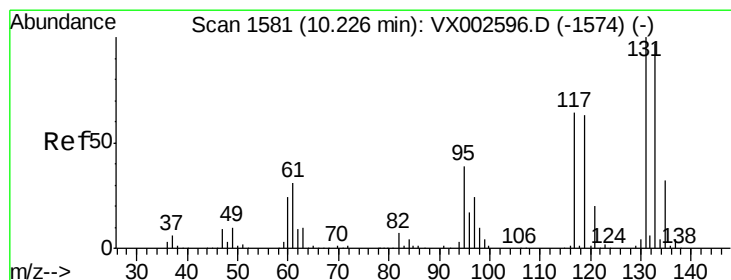
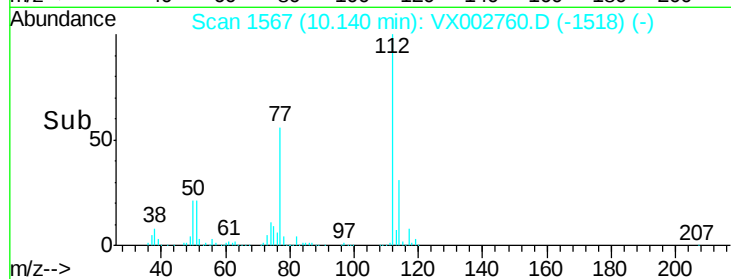
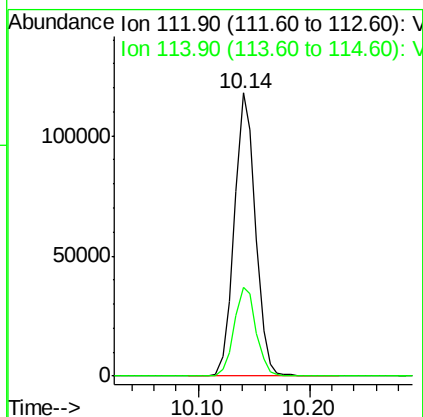
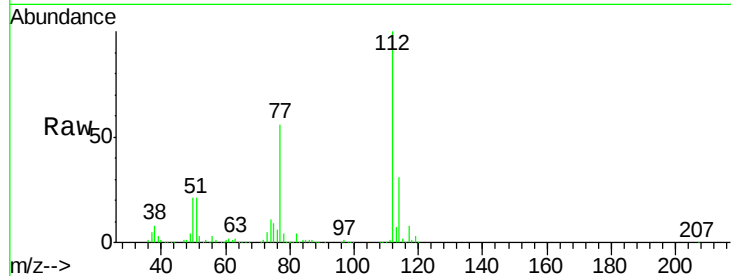




#65
Chlorobenzene
Concen: 19.45 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

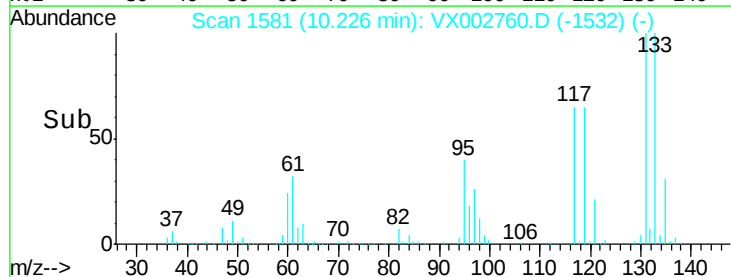
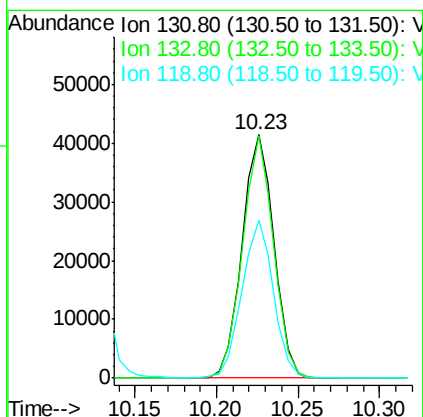
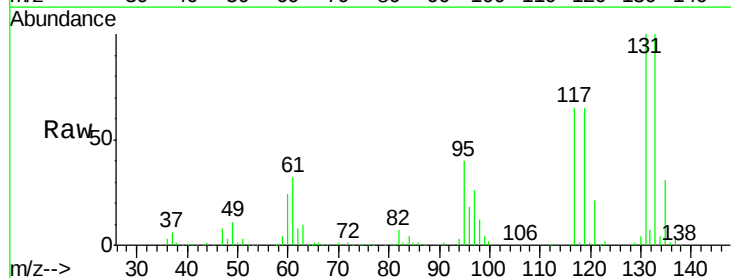
Instrument :
MSVOA_X
ClientSampleId :

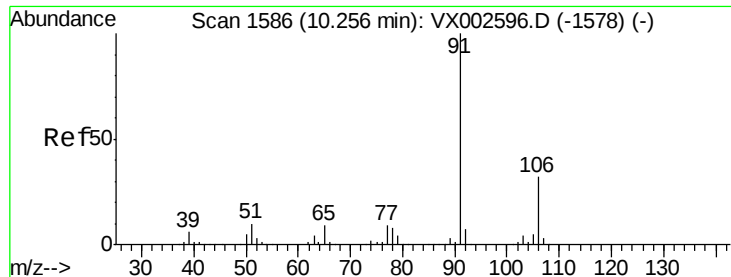
Tot Ion:112 Resp: 154546
Ion Ratio Lower Upper
112 100
114 31.2 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 20.83 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion:131 Resp: 56439
Ion Ratio Lower Upper
131 100
133 96.5 47.9 143.6
119 63.9 31.8 95.3

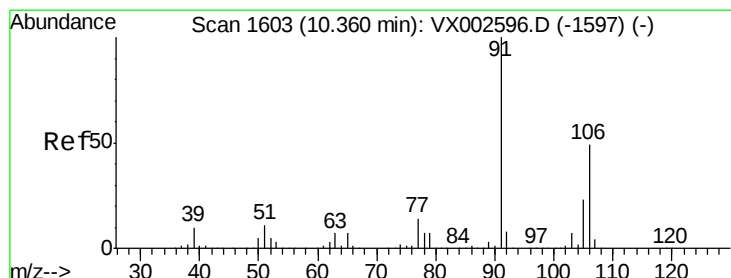
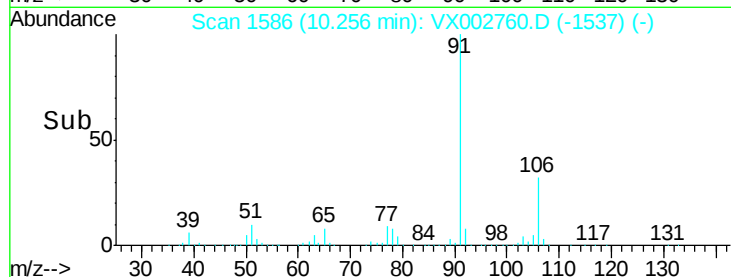
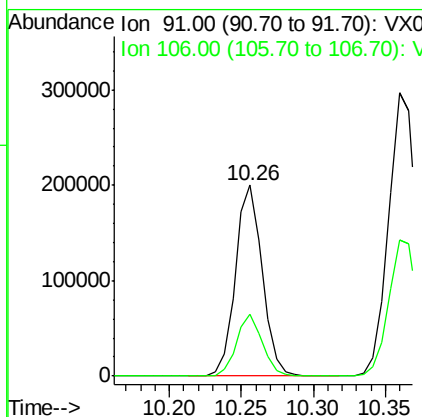
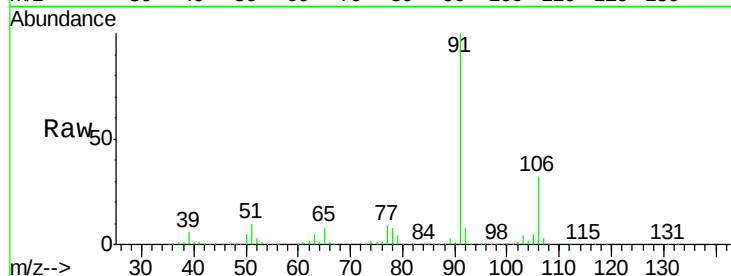




#67
Ethyl Benzene
Concen: 19.37 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

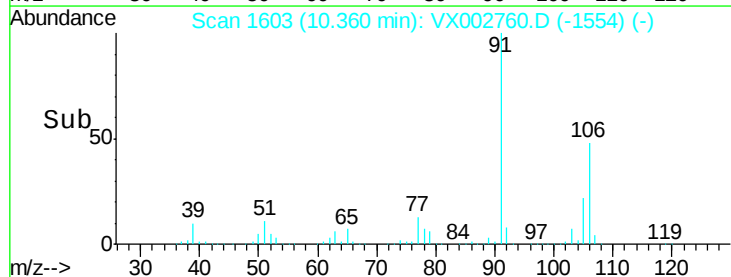
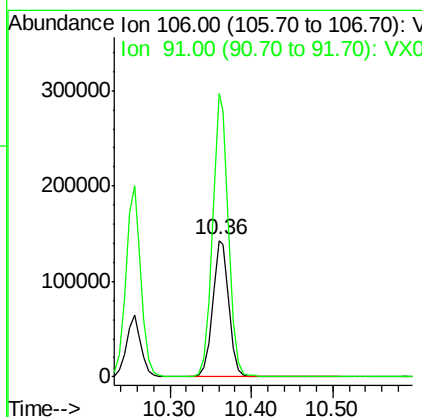
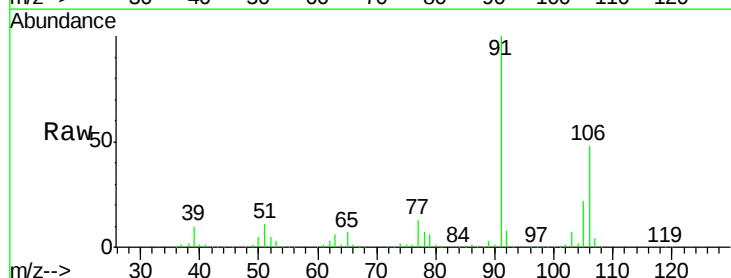
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 91 Resp: 259635
Ion Ratio Lower Upper
91 100
106 32.2 25.5 38.3



#68
m/p-Xylenes
Concen: 38.80 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion: 106 Resp: 200614
Ion Ratio Lower Upper
106 100
91 203.0 163.4 245.2

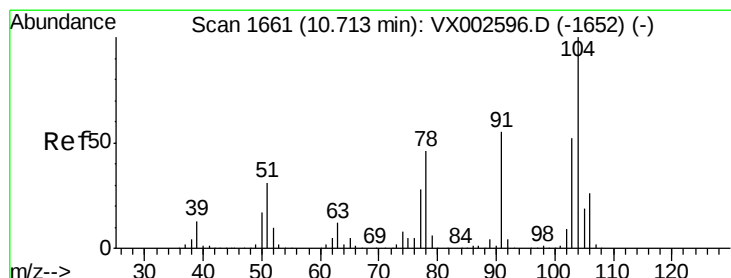
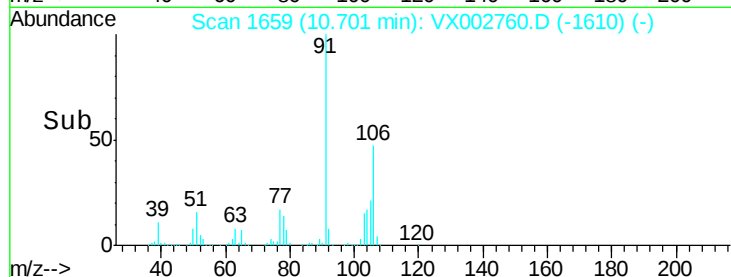
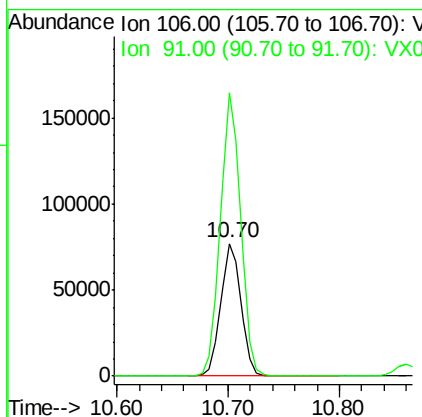
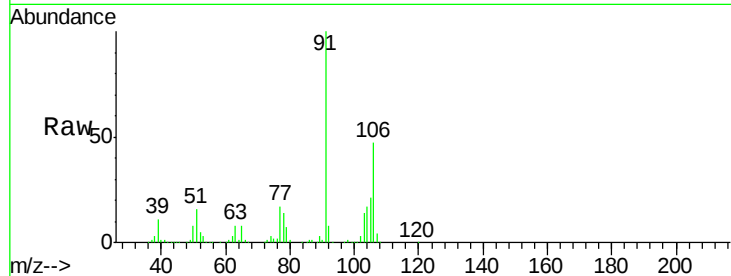




#69
o-Xylene
Concen: 19.10 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

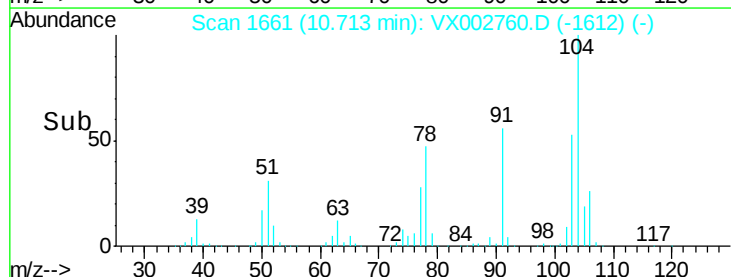
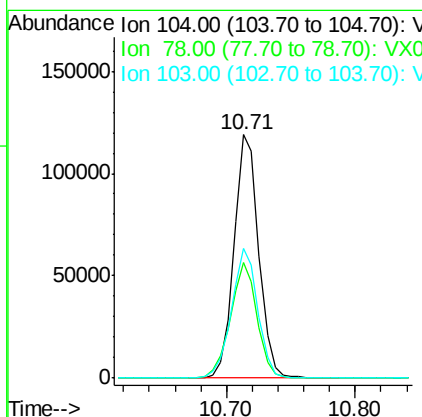
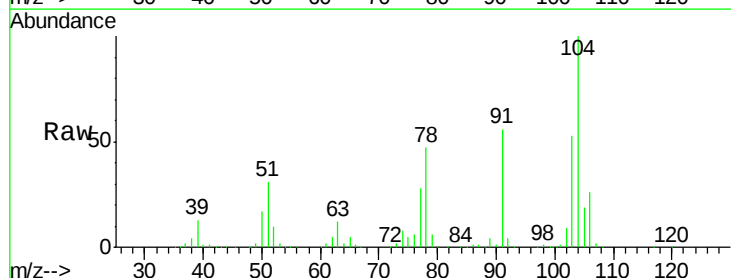
Instrument :
MSVOA_X
ClientSampleId :

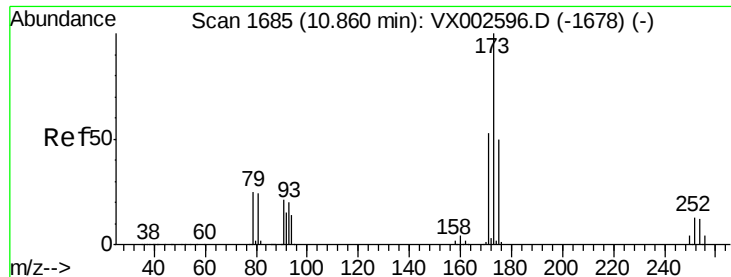
Tot Ion:106 Resp: 97048
Ion Ratio Lower Upper
106 100
91 215.2 108.2 324.6



#70
Styrene
Concen: 18.98 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion:104 Resp: 158564
Ion Ratio Lower Upper
104 100
78 51.4 41.0 61.6
103 56.8 44.2 66.4

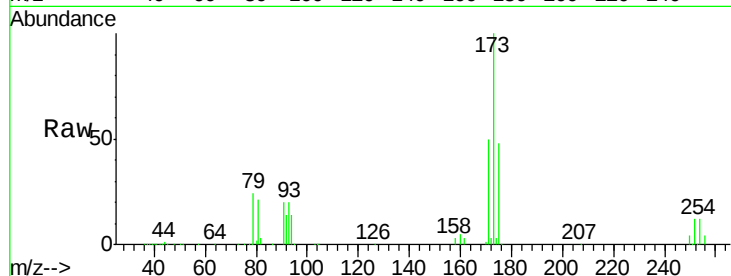




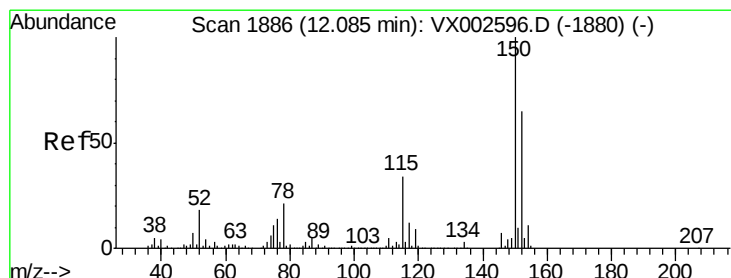
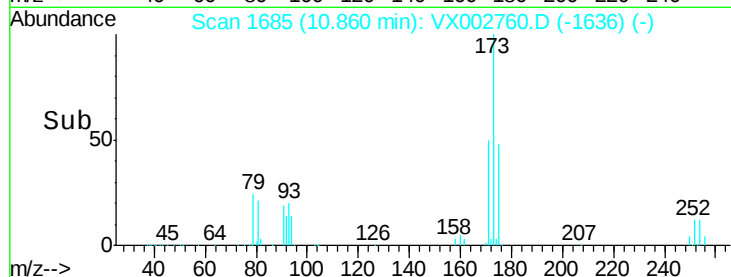
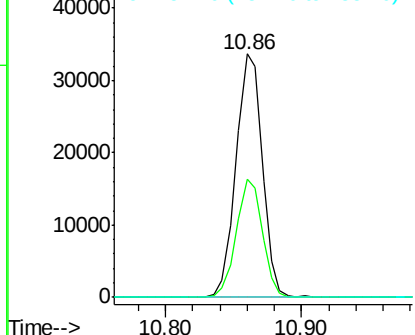
#71
Bromoform
Concen: 21.49 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 45482
Ion Ratio Lower Upper
173 100
175 47.6 24.7 74.1
254 0.1 0.2 0.2#

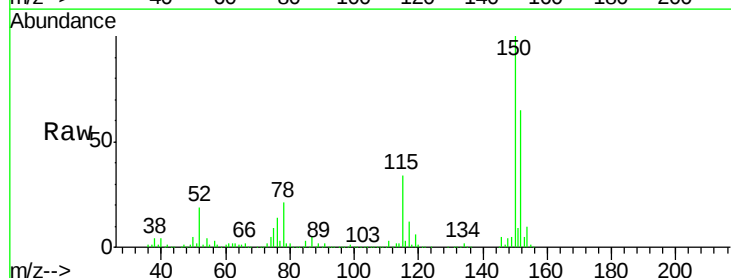


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

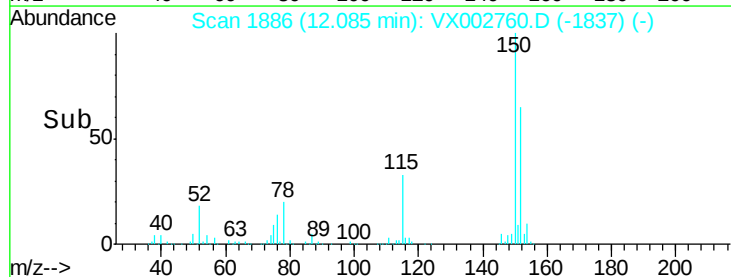
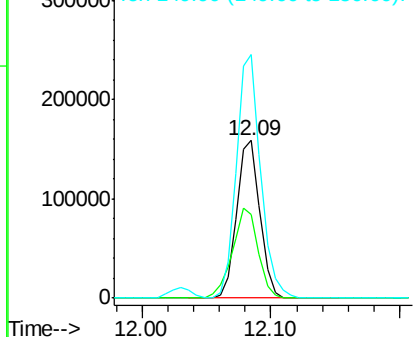


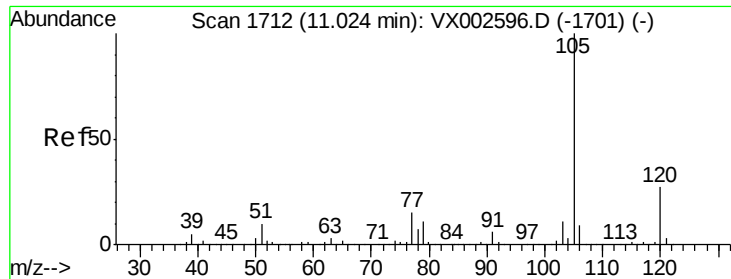
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002760.D
Acq: 21 Jun 2018 00:19

Tgt Ion:152 Resp: 198102
Ion Ratio Lower Upper
152 100
115 63.5 40.1 120.2
150 162.2 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: 19.90 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

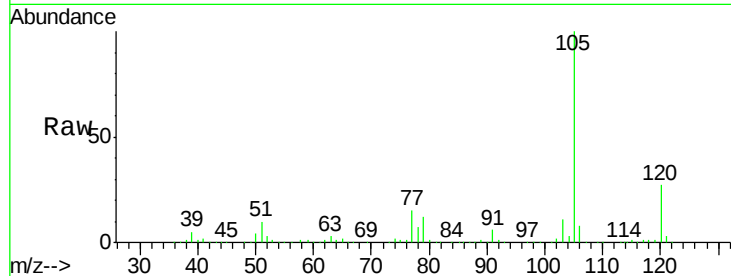
ClientSampleId :

Tot Ion:105 Resp: 263626

Ion Ratio Lower Upper

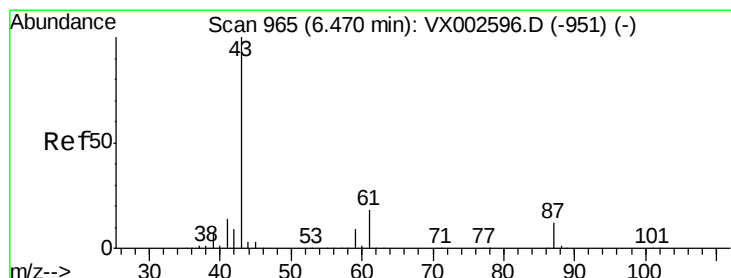
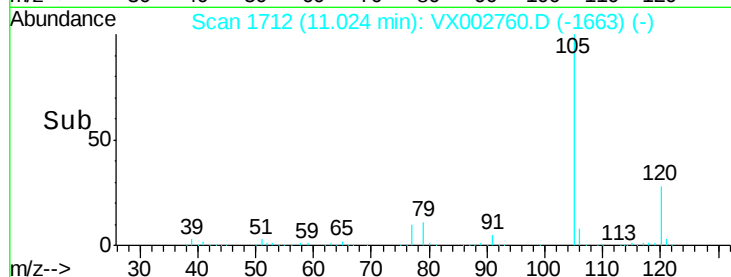
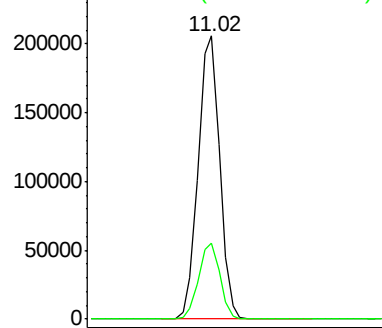
105 100

120 26.5 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.59 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Tgt Ion: 43 Resp: 128986

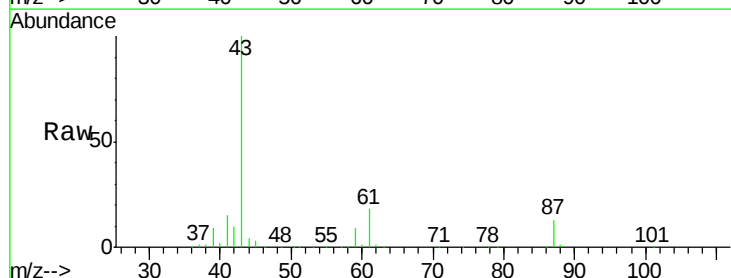
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.6 14.4 21.6

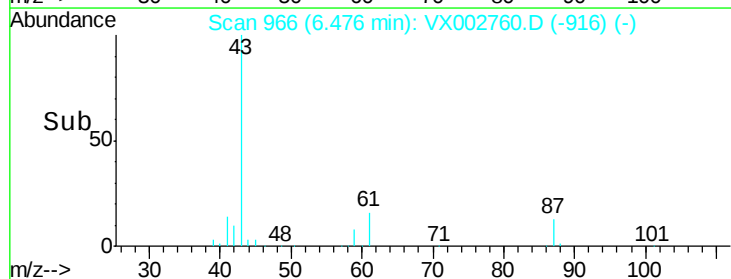
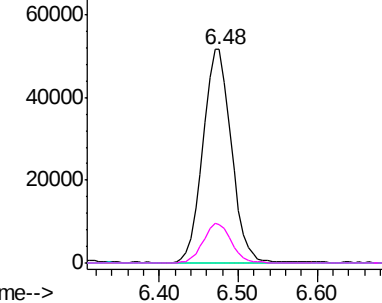


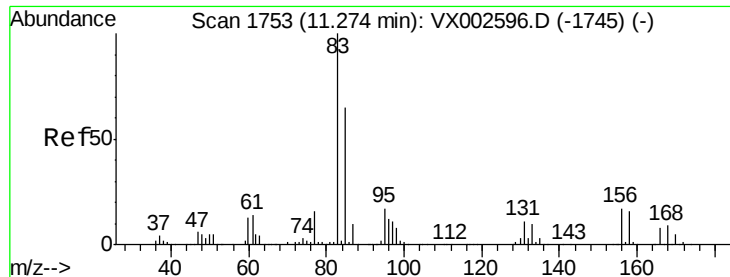
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.95 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

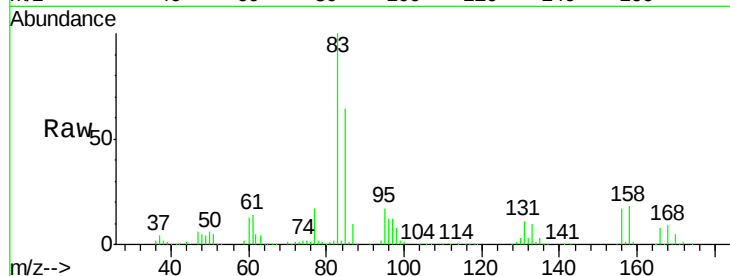
Tot Ion: 83 Resp: 85865

Ion Ratio Lower Upper

83 100

131 11.2 5.6 16.8

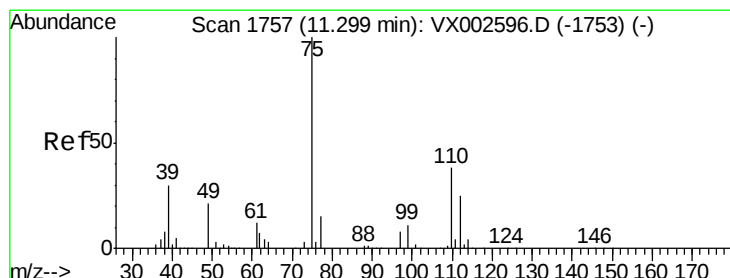
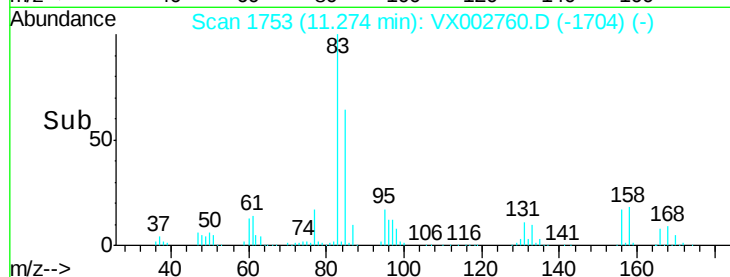
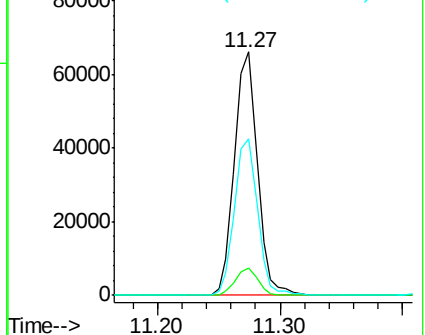
85 65.0 32.4 97.2



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: 23.06 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002760.D

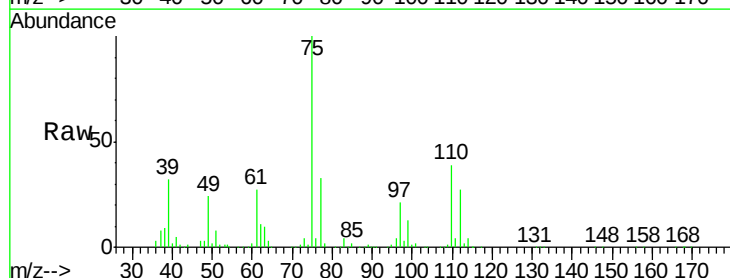
Acq: 21 Jun 2018 00:19

Tgt Ion: 75 Resp: 86219

Ion Ratio Lower Upper

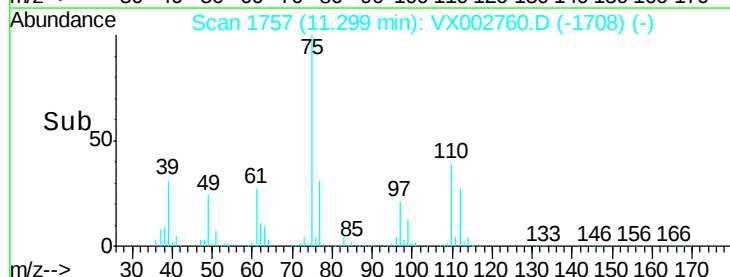
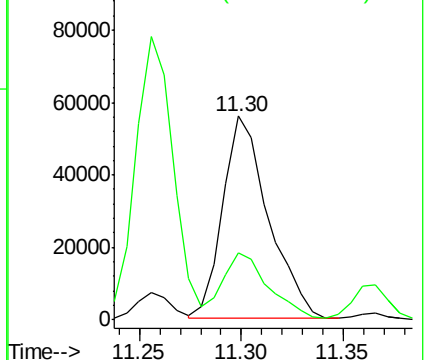
75 100

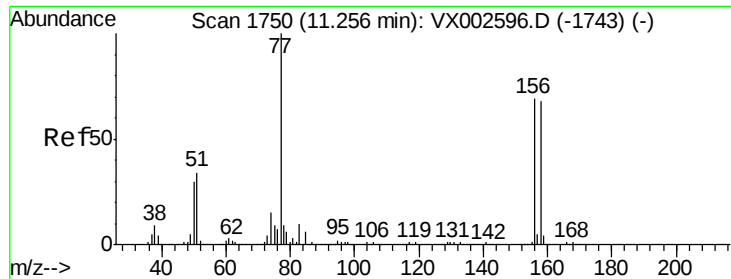
77 33.6 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 19.94 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

ClientSampled :

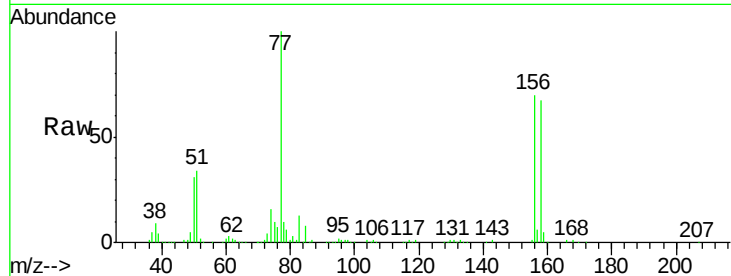
Tot Ion:156 Resp: 73596

Ion Ratio Lower Upper

156 100

77 137.1 71.4 214.2

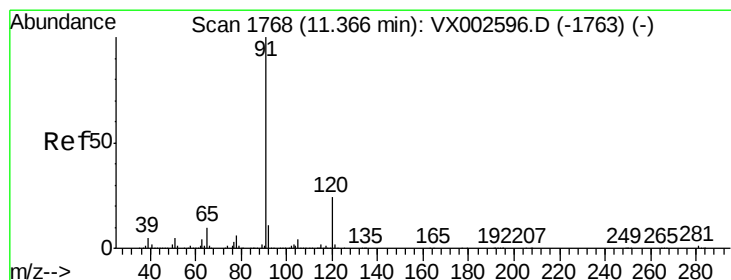
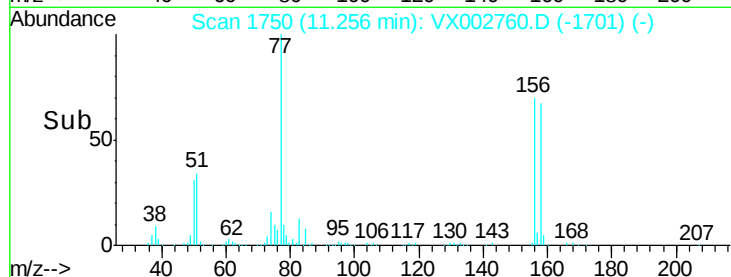
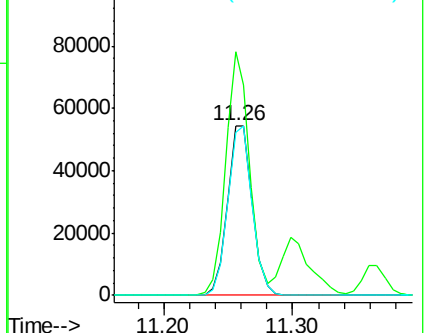
158 98.0 48.9 146.6



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: 19.54 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002760.D

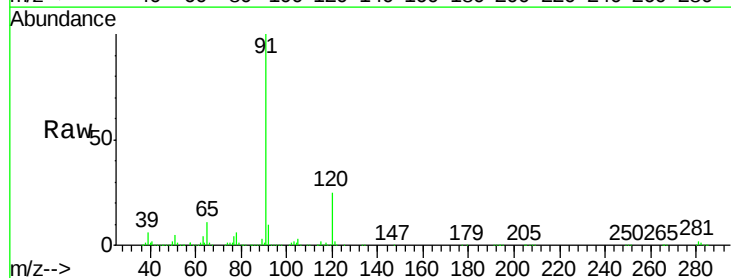
Acq: 21 Jun 2018 00:19

Tgt Ion: 91 Resp: 296854

Ion Ratio Lower Upper

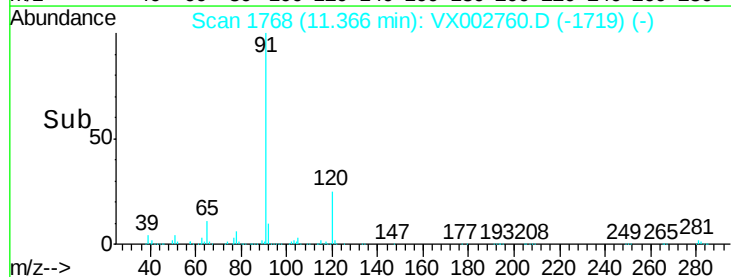
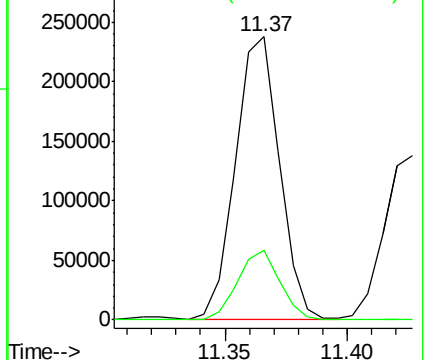
91 100

120 23.9 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

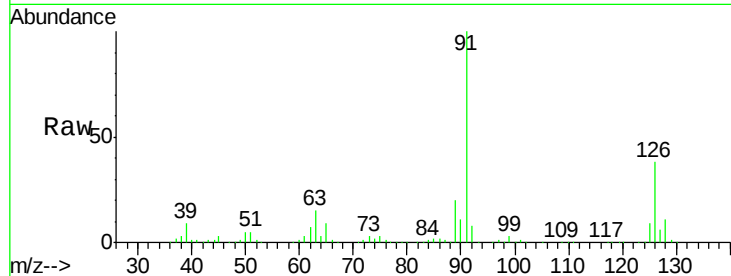




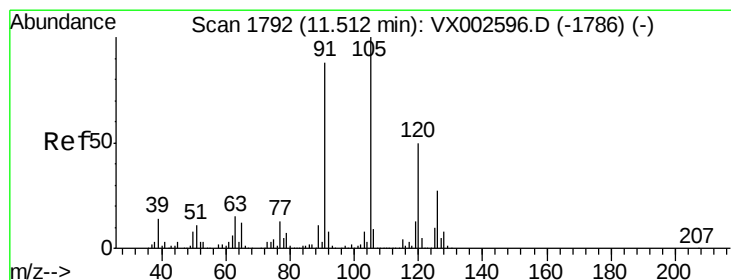
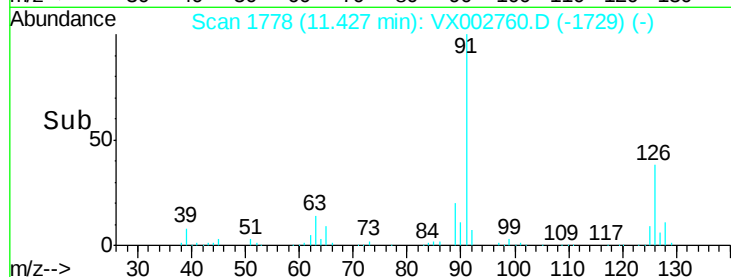
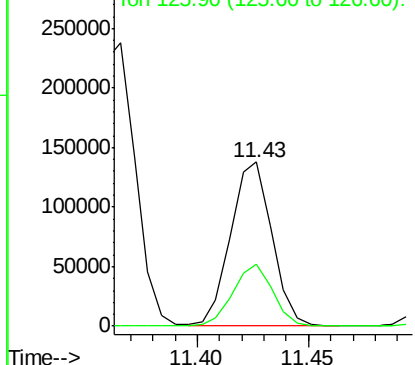
#79
 2-Chlorotoluene
 Concen: 19.61 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 91 Resp: 177920
 Ion Ratio Lower Upper
 91 100
 126 36.5 17.7 53.1

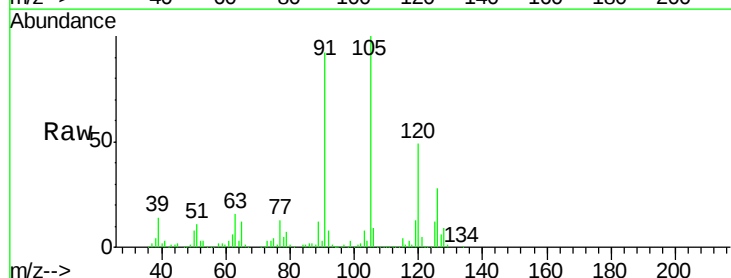


Abundance Ion 91.00 (90.70 to 91.70): VX0
 Ion 125.90 (125.60 to 126.60): V

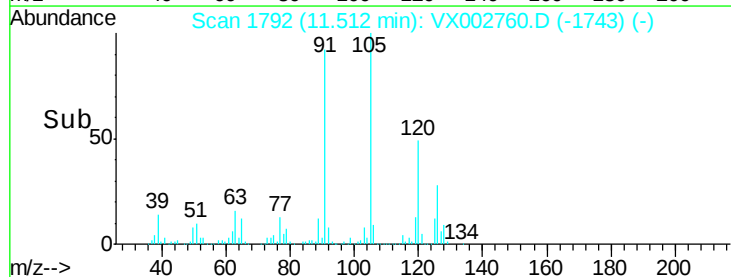
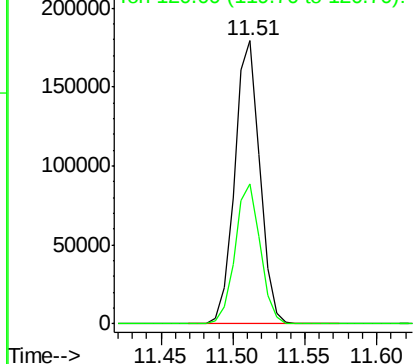


#80
 1,3,5-Trimethylbenzene
 Concen: 19.56 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Tgt Ion: 105 Resp: 218969
 Ion Ratio Lower Upper
 105 100
 120 49.6 24.4 73.4



Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 16.05 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

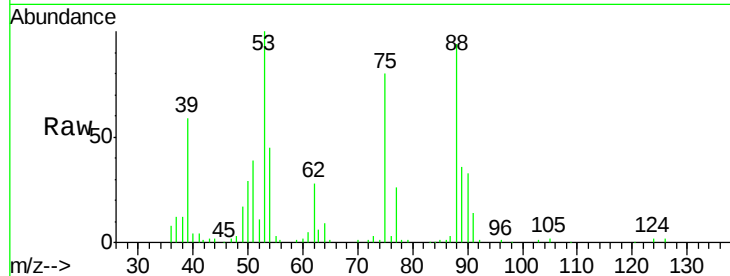
Tot Ion: 75 Resp: 15134

Ion Ratio Lower Upper

75 100

53 125.9 86.8 130.2

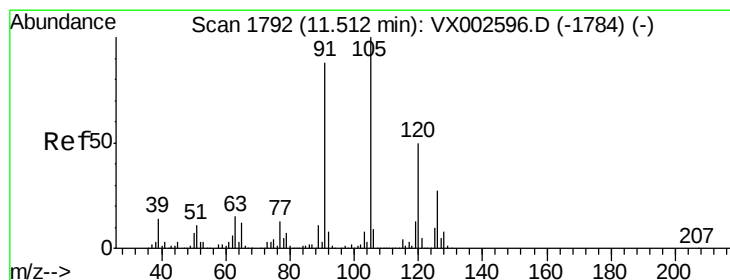
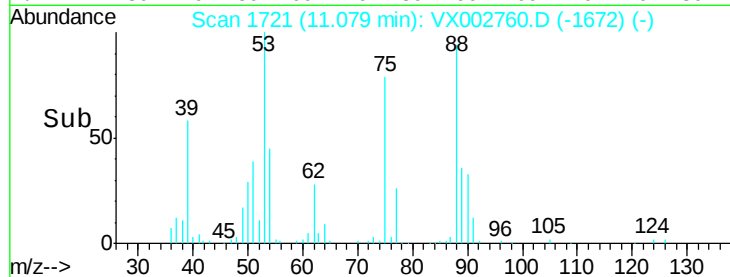
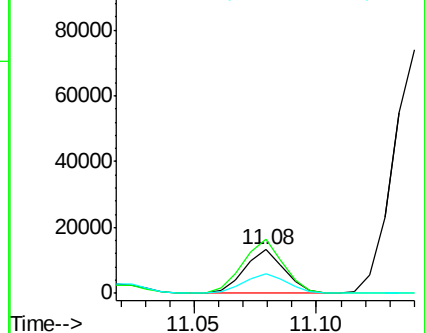
89 48.2 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.66 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002760.D

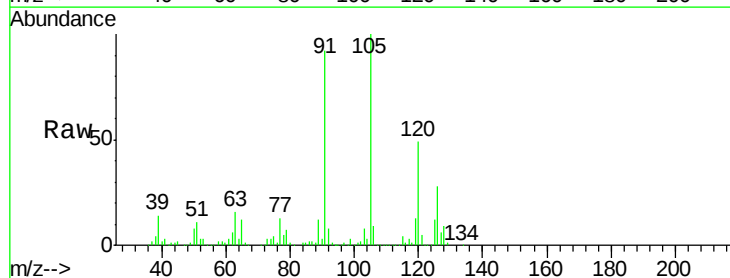
Acq: 21 Jun 2018 00:19

Tgt Ion: 91 Resp: 210501

Ion Ratio Lower Upper

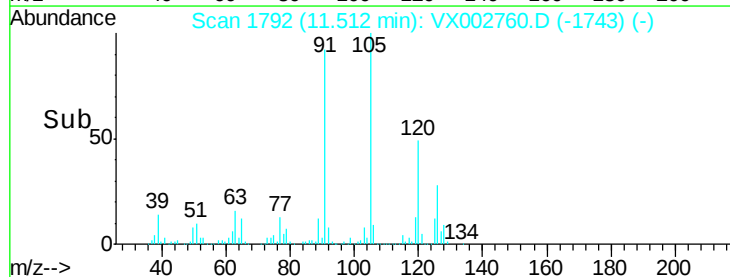
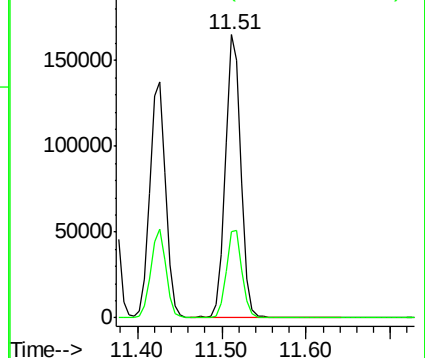
91 100

126 31.3 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

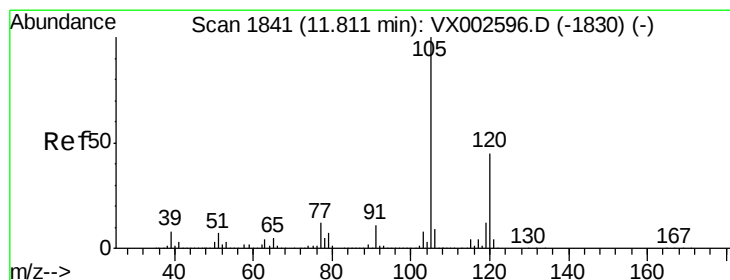
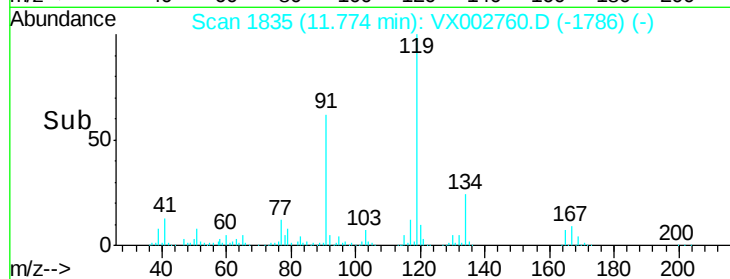
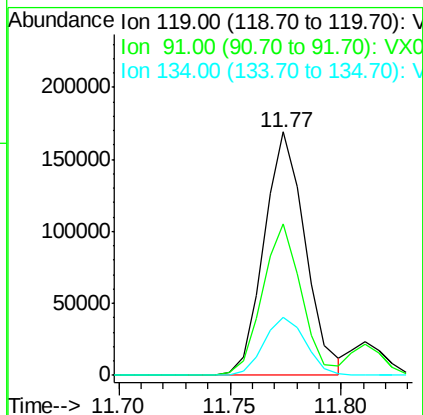
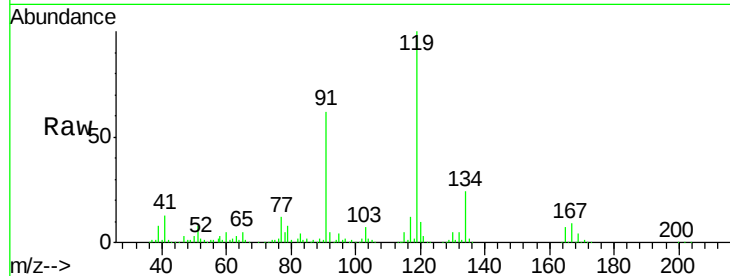




#83
 tert-Butylbenzene
 Concen: 20.10 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

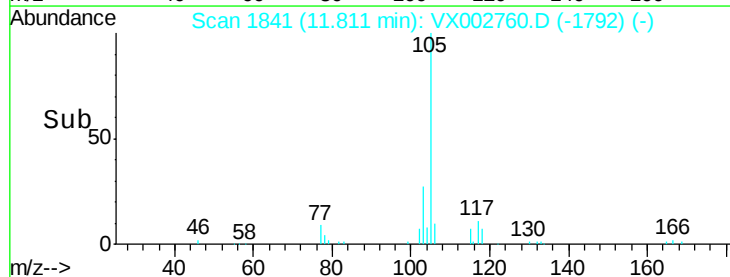
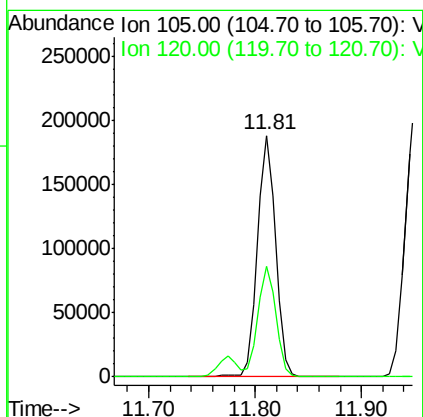
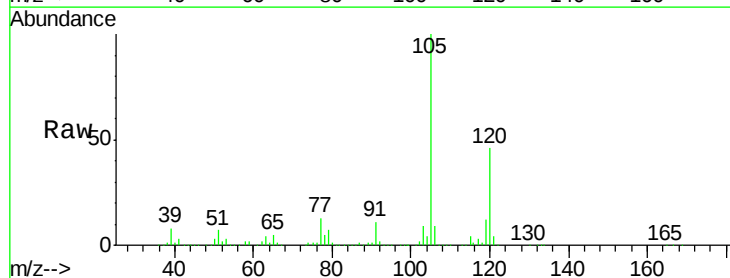
Instrument :
 MSVOA_X
 ClientSampled :

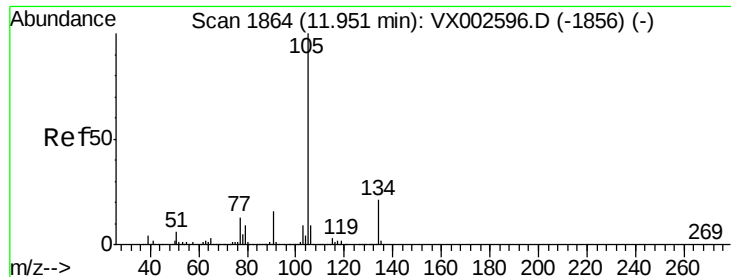
Tot Ion:119 Resp: 216800
 Ion Ratio Lower Upper
 119 100
 91 59.4 30.3 90.9
 134 24.1 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 19.87 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Tgt Ion:105 Resp: 227064
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.3 66.8





#85

sec-Butylbenzene

Concen: 19.54 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

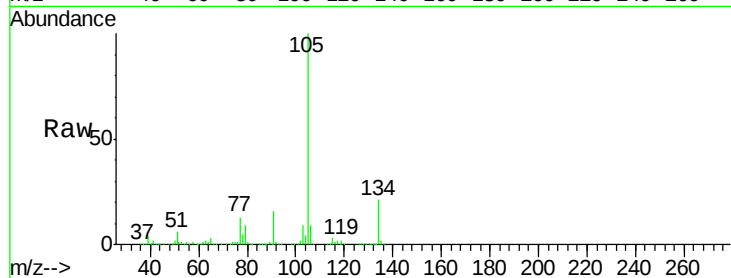
ClientSampleId :

Tot Ion:105 Resp: 262052

Ion Ratio Lower Upper

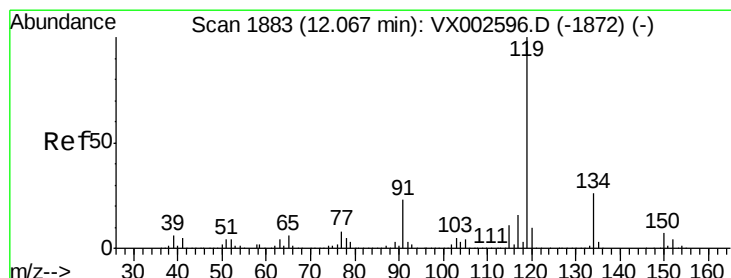
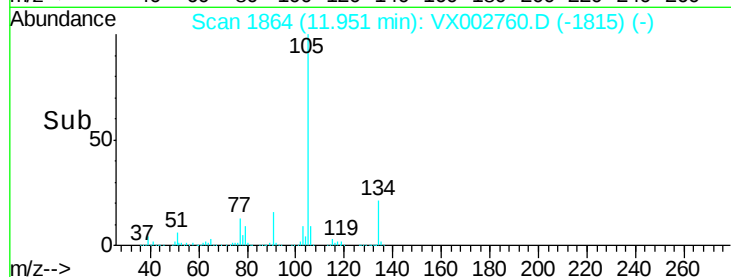
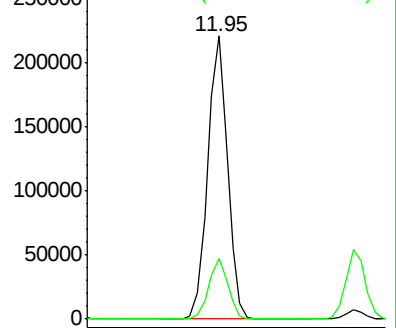
105 100

134 21.0 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: 19.09 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

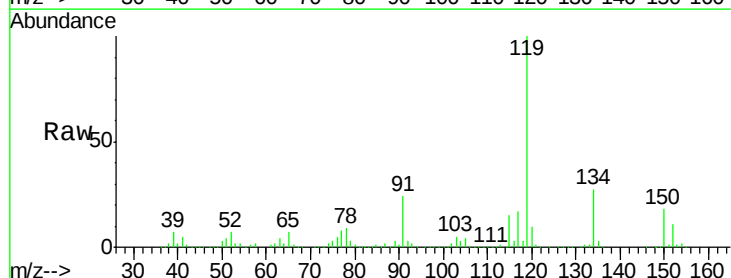
Tgt Ion:119 Resp: 231662

Ion Ratio Lower Upper

119 100

134 27.0 13.4 40.1

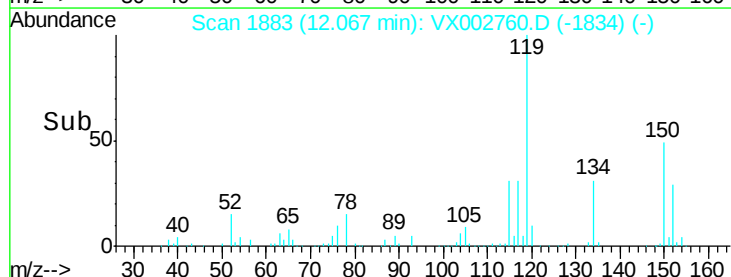
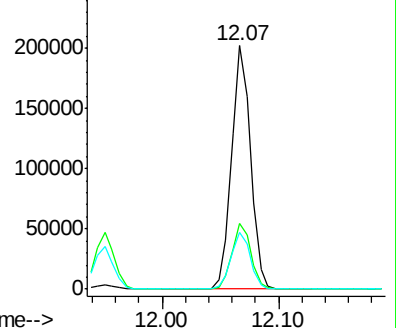
91 24.1 11.9 35.7

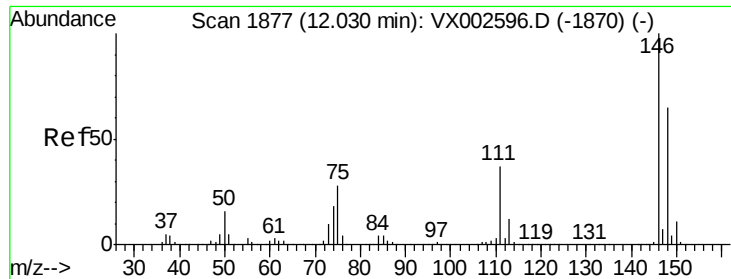


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V





#87

1,3-Dichlorobenzene

Concen: 19.52 ug/l

RT: 12.03 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

ClientSampled :

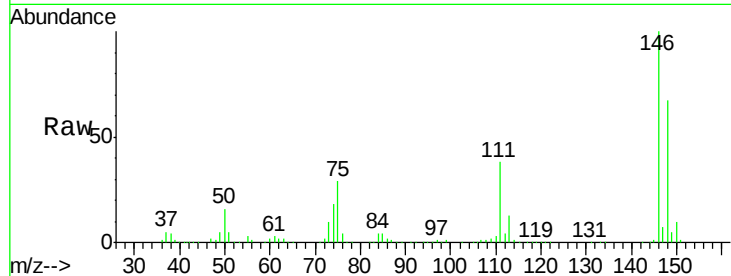
Tot Ion:146 Resp: 132122

Ion Ratio Lower Upper

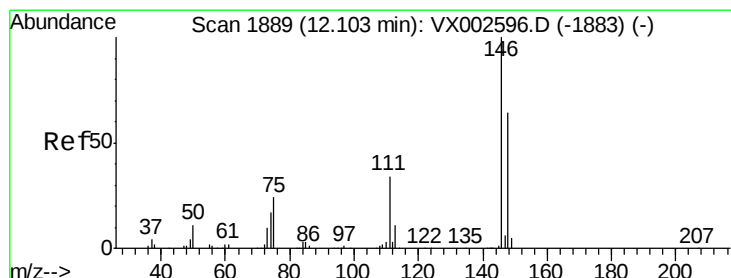
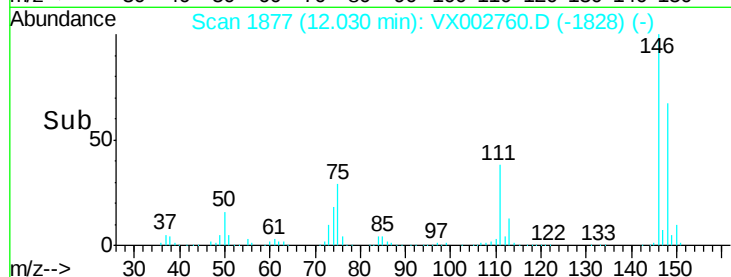
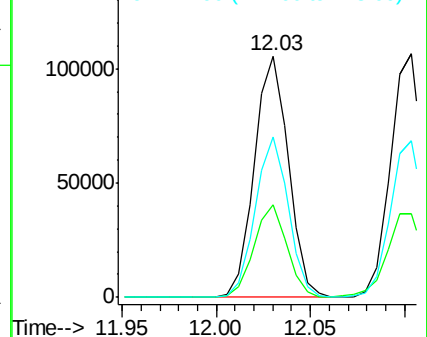
146 100

111 37.4 18.9 56.7

148 64.8 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: 19.43 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

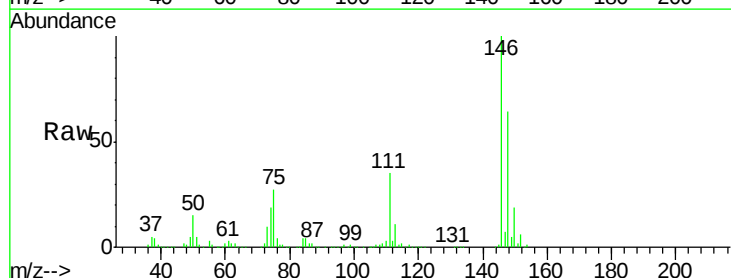
Tgt Ion:146 Resp: 133802

Ion Ratio Lower Upper

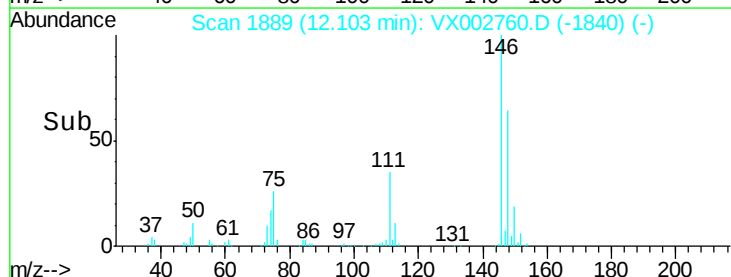
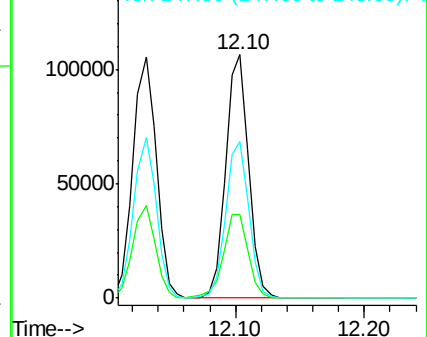
146 100

111 37.5 18.7 56.1

148 65.5 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: 18.18 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

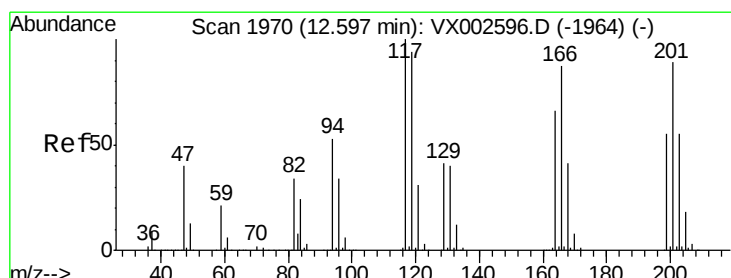
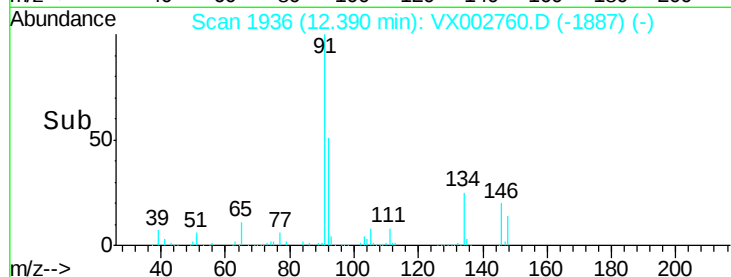
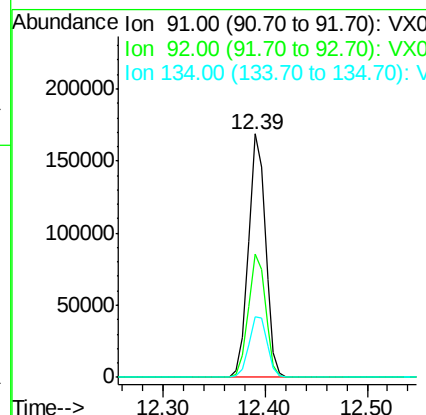
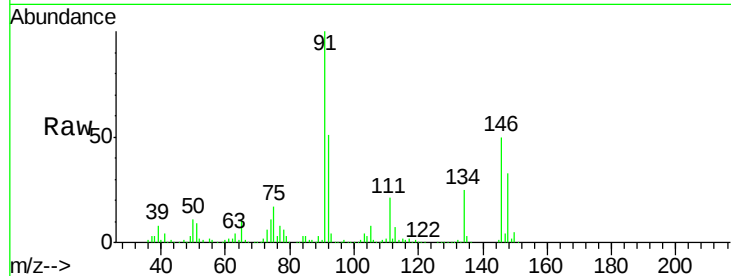
Tot Ion: 91 Resp: 194636

Ion Ratio Lower Upper

91 100

92 51.3 26.0 78.0

134 26.5 13.5 40.5



#90

Hexachloroethane

Concen: 18.57 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VX002760.D

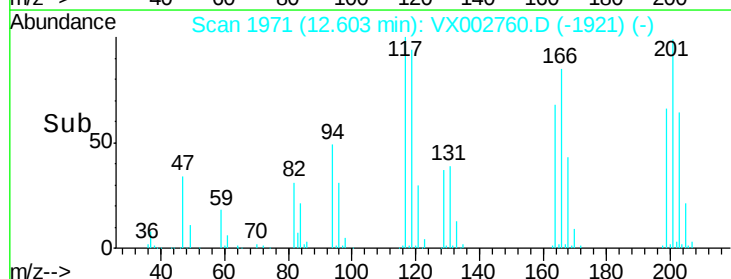
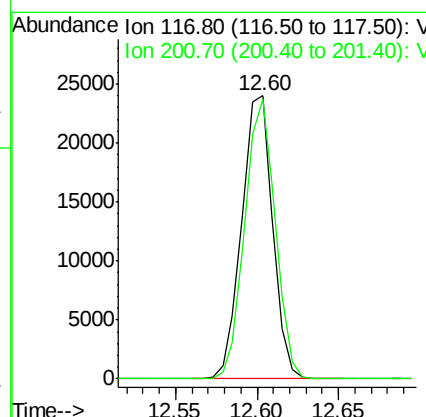
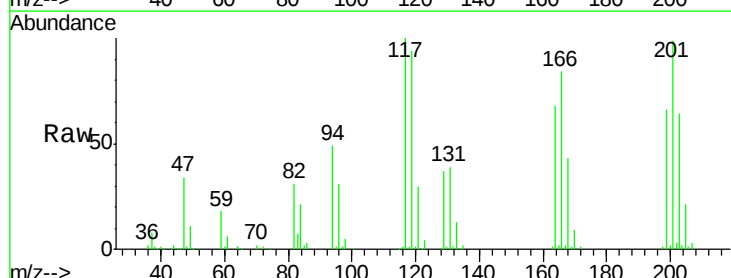
Acq: 21 Jun 2018 00:19

Tgt Ion: 117 Resp: 31825

Ion Ratio Lower Upper

117 100

201 97.1 49.0 147.0

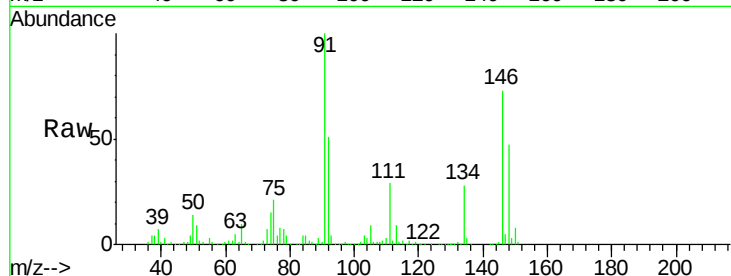




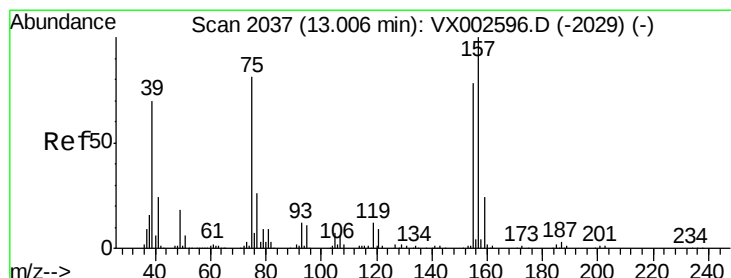
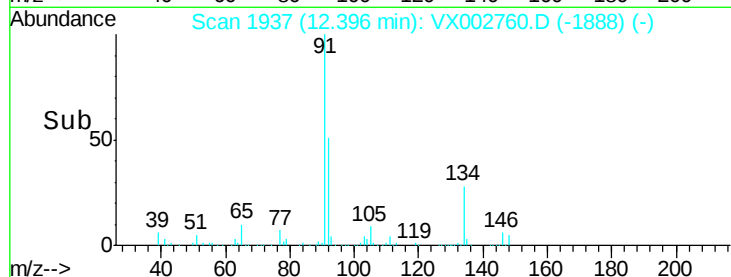
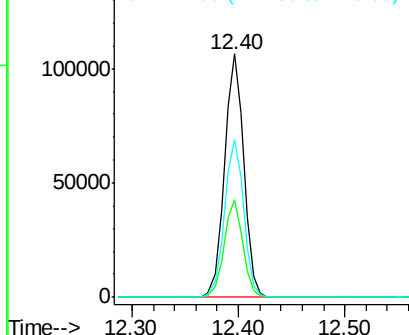
#91
 1,2-Dichlorobenzene
 Concen: 19.79 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion:146 Resp: 134861
 Ion Ratio Lower Upper
 146 100
 111 38.8 19.4 58.1
 148 64.5 31.7 95.1

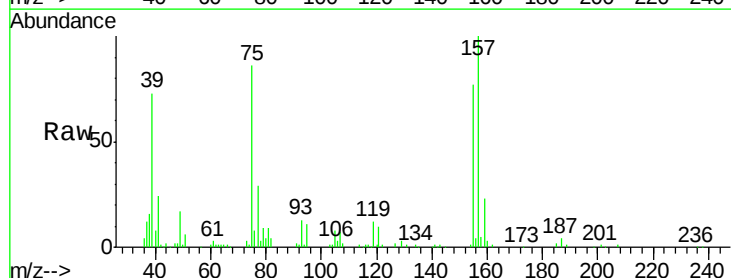


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

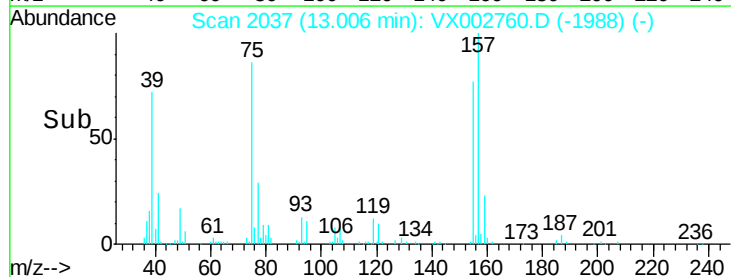
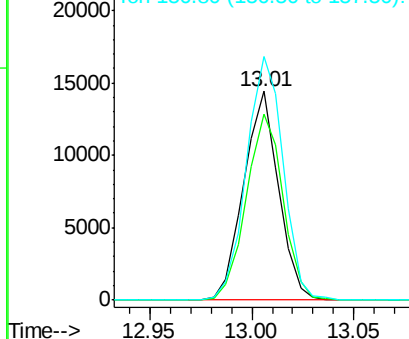


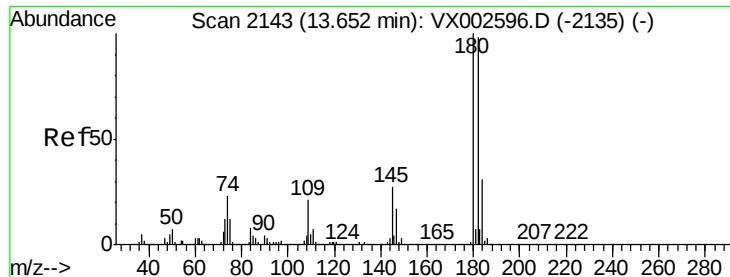
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.96 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Tgt Ion: 75 Resp: 17179
 Ion Ratio Lower Upper
 75 100
 155 93.4 45.8 137.4
 157 122.6 60.1 180.3



Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 154.80 (154.50 to 155.50): V
 Ion 156.80 (156.50 to 157.50): V

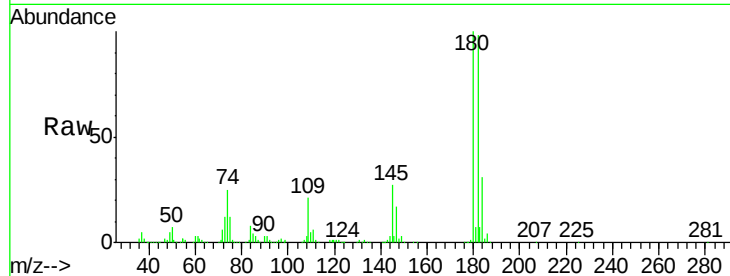




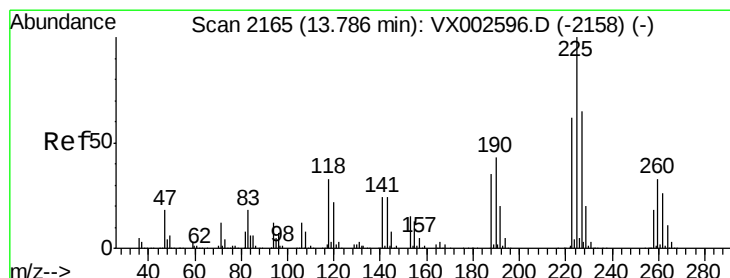
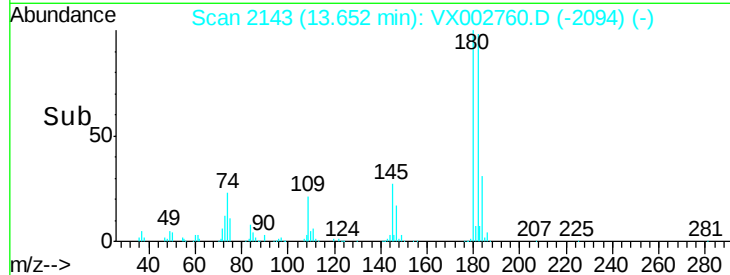
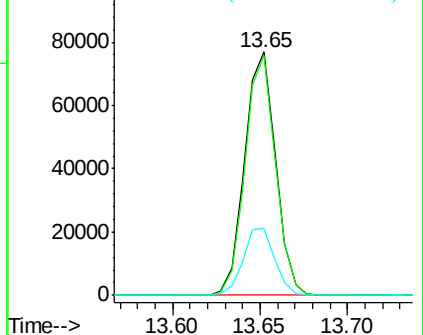
#93
 1,2,4-Trichlorobenzene
 Concen: 19.11 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 94476
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.7 143.1
 145 28.1 14.1 42.4

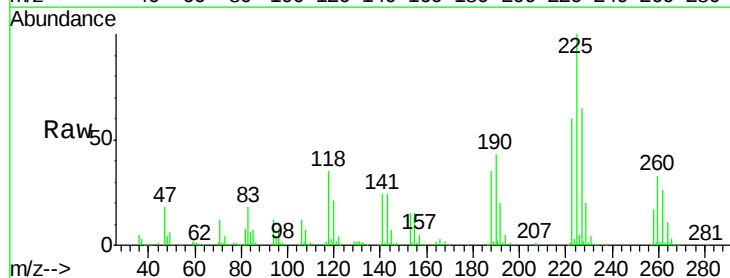


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

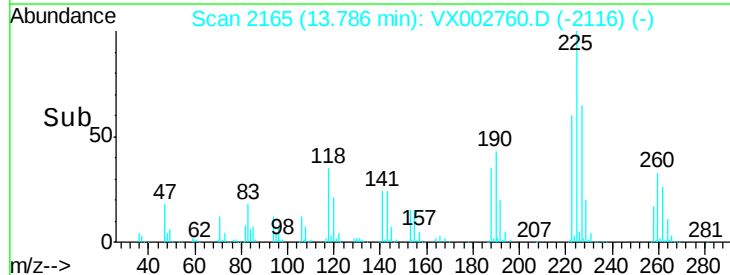
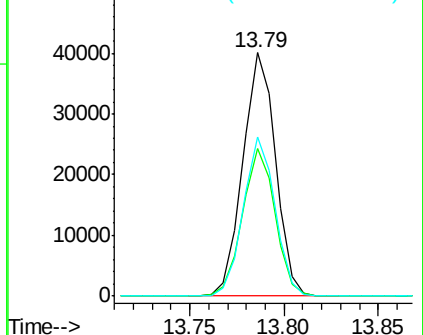


#94
 Hexachlorobutadiene
 Concen: 18.52 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002760.D
 Acq: 21 Jun 2018 00:19

Tgt Ion:225 Resp: 48229
 Ion Ratio Lower Upper
 225 100
 223 60.3 31.6 95.0
 227 63.4 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: 20.65 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

Instrument :

MSVOA_X

ClientSampleId :

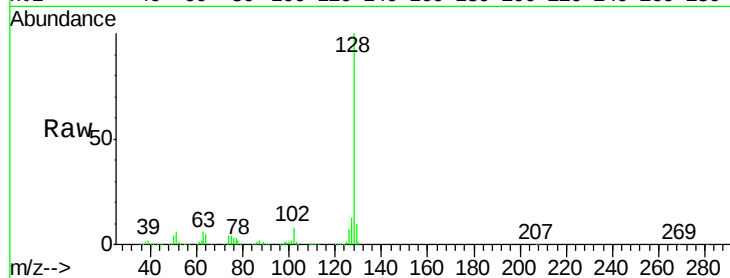
Tot Ion:128 Resp: 274821

Ion Ratio Lower Upper

128 100

127 13.1 10.4 15.6

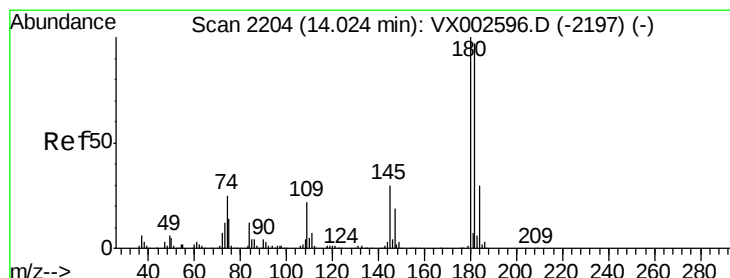
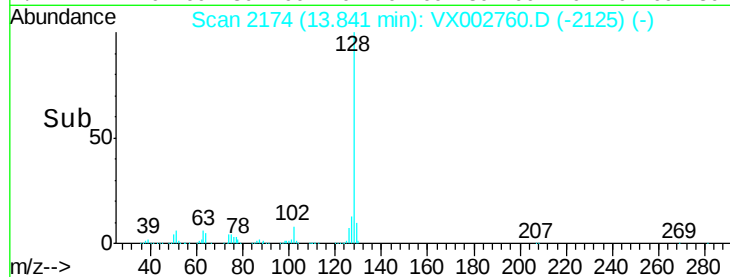
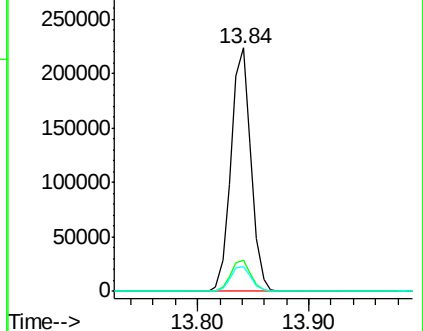
129 10.7 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.24 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002760.D

Acq: 21 Jun 2018 00:19

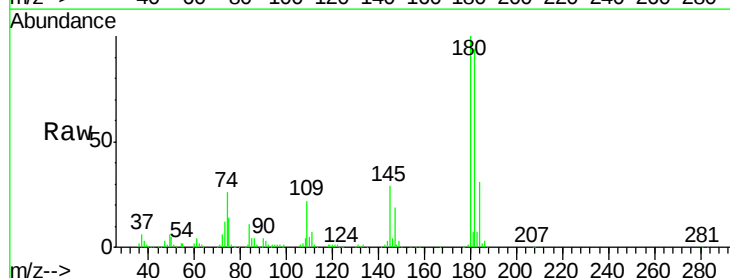
Tgt Ion:180 Resp: 100510

Ion Ratio Lower Upper

180 100

182 93.9 48.0 144.0

145 29.4 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

