

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061918\
 Data File : VX002733.D
 Acq On : 20 Jun 2018 00:43
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 20 07:01:35 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	228916	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	321770	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313879	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	196613	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	153332	44.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.16%	
35) Dibromofluoromethane	5.51	113	123107	47.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.88%	
50) Toluene-d8	8.72	98	448341	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	
62) 4-Bromofluorobenzene	11.14	95	173959	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	118509	48.77	ug/l	98
3) Chloromethane	1.32	50	124039	42.91	ug/l	97
4) Vinyl Chloride	1.40	62	137626	45.88	ug/l	99
5) Bromomethane	1.64	94	68887	38.06	ug/l	99
6) Chloroethane	1.72	64	96643	48.88	ug/l	99
7) Trichlorofluoromethane	1.92	101	237253	48.68	ug/l	98
8) Diethyl Ether	2.19	74	83950	45.29	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.38	101	131993	48.45	ug/l	99
10) Methyl Iodide	2.51	142	140563	39.45	ug/l	99
11) Tert butyl alcohol	3.09	59	176572	245.53	ug/l	98
12) 1,1-Dichloroethene	2.37	96	118919	46.49	ug/l	99
13) Acrolein	2.30	56	105352	310.78	ug/l	100
14) Allyl chloride	2.73	41	231898	45.66	ug/l	99
15) Acrylonitrile	3.15	53	376245	239.76	ug/l	99
16) Acetone	2.45	43	357844	233.16	ug/l	99
17) Carbon Disulfide	2.57	76	306580	50.54	ug/l	98
18) Methyl Acetate	2.78	43	201336	49.24	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	436312	45.47	ug/l	100
20) Methylene Chloride	2.86	84	133627	42.46	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	127461	45.93	ug/l	98
22) Diisopropyl ether	3.88	45	430413	46.84	ug/l	98
23) Vinyl Acetate	3.83	43	1845282	239.95	ug/l	99
24) 1,1-Dichloroethane	3.70	63	248934	49.92	ug/l	100
25) 2-Butanone	4.71	43	513079	254.56	ug/l	98
26) 2,2-Dichloropropane	4.59	77	132195	36.89	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	135250	47.90	ug/l	92
28) Bromochloromethane	5.02	49	105888	45.34	ug/l	97
29) Tetrahydrofuran	5.17	42	335249	253.80	ug/l	98
30) Chloroform	5.22	83	240432	50.00	ug/l	100
31) Cyclohexane	5.57	56	197486	48.10	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	209646	52.12	ug/l	100
36) 1,1-Dichloropropene	5.80	75	173485	50.77	ug/l	100
37) Ethyl Acetate	4.87	43	201735	52.15	ug/l	100
38) Carbon Tetrachloride	5.79	117	191048	56.14	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	199907	50.04	ug/l	96
40) Benzene	6.15	78	519734	50.72	ug/l	100
41) Methacrylonitrile	5.07	41	110845	50.75	ug/l	98
42) 1,2-Dichloroethane	6.20	62	201253	50.73	ug/l	99
43) Isopropyl Acetate	6.47	43	320924	50.08	ug/l	99
44) Trichloroethene	7.21	130	150421	50.86	ug/l	100
45) 1,2-Dichloropropane	7.52	63	134898	50.02	ug/l	98
46) Dibromomethane	7.67	93	92952	51.53	ug/l	97
47) Bromodichloromethane	7.90	83	176804	55.57	ug/l	100
48) Methyl methacrylate	7.78	41	167824	51.25	ug/l	98
49) 1,4-Dioxane	7.76	88	68915	1111.20	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1086443	264.04	ug/l	99
52) Toluene	8.79	92	335688	51.36	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	198638	47.30	ug/l	99
54) cis-1,3-Dichloropropene	9.04	75	183581	45.97	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	137482	52.05	ug/l	98
56) Ethyl methacrylate	9.18	69	209185	51.46	ug/l	97
57) 1,3-Dichloropropane	9.38	76	225560	50.49	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	444032	225.86	ug/l	97
59) 2-Hexanone	9.50	43	840557	271.09	ug/l	98
60) Dibromochloromethane	9.59	129	146357	49.32	ug/l	99
61) 1,2-Dibromoethane	9.68	107	146982	53.73	ug/l	100
64) Tetrachloroethene	9.34	164	168294	48.30	ug/l	96
65) Chlorobenzene	10.14	112	387296	50.24	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.23	131	143221	54.50	ug/l	99
67) Ethyl Benzene	10.26	91	656005	50.46	ug/l	99
68) m/p-Xylenes	10.36	106	514353	102.56	ug/l	99
69) o-Xylene	10.70	106	249233	50.58	ug/l	99
70) Styrene	10.71	104	423173	52.22	ug/l	99
71) Bromoform	10.86	173	115384	48.40	ug/l	99
73) Isopropylbenzene	11.02	105	672328	51.13	ug/l	100
74) N-amyl acetate	6.47	43	320924	49.12	ug/l #	100
75) 1,1,1,2-Tetrachloroethane	11.27	83	209830	54.03	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	239848	64.65	ug/l	80
77) Bromobenzene	11.26	156	191076	52.16	ug/l	96
78) n-propylbenzene	11.37	91	766403	50.82	ug/l	100
79) 2-Chlorotoluene	11.43	91	456673	50.72	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	574470	51.69	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	51189	44.64	ug/l	97
82) 4-Chlorotoluene	11.51	91	542426	51.05	ug/l	99
83) tert-Butylbenzene	11.77	119	560506	52.36	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	589367	51.97	ug/l	98
85) sec-Butylbenzene	11.95	105	685608	51.50	ug/l	100
86) p-Isopropyltoluene	12.07	119	616756	51.21	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	340055	50.62	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	350221	51.23	ug/l	99
89) n-Butylbenzene	12.39	91	528703	49.76	ug/l	99
90) Hexachloroethane	12.60	117	91092	48.60	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	351812	52.03	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	48086	59.12	ug/l	97

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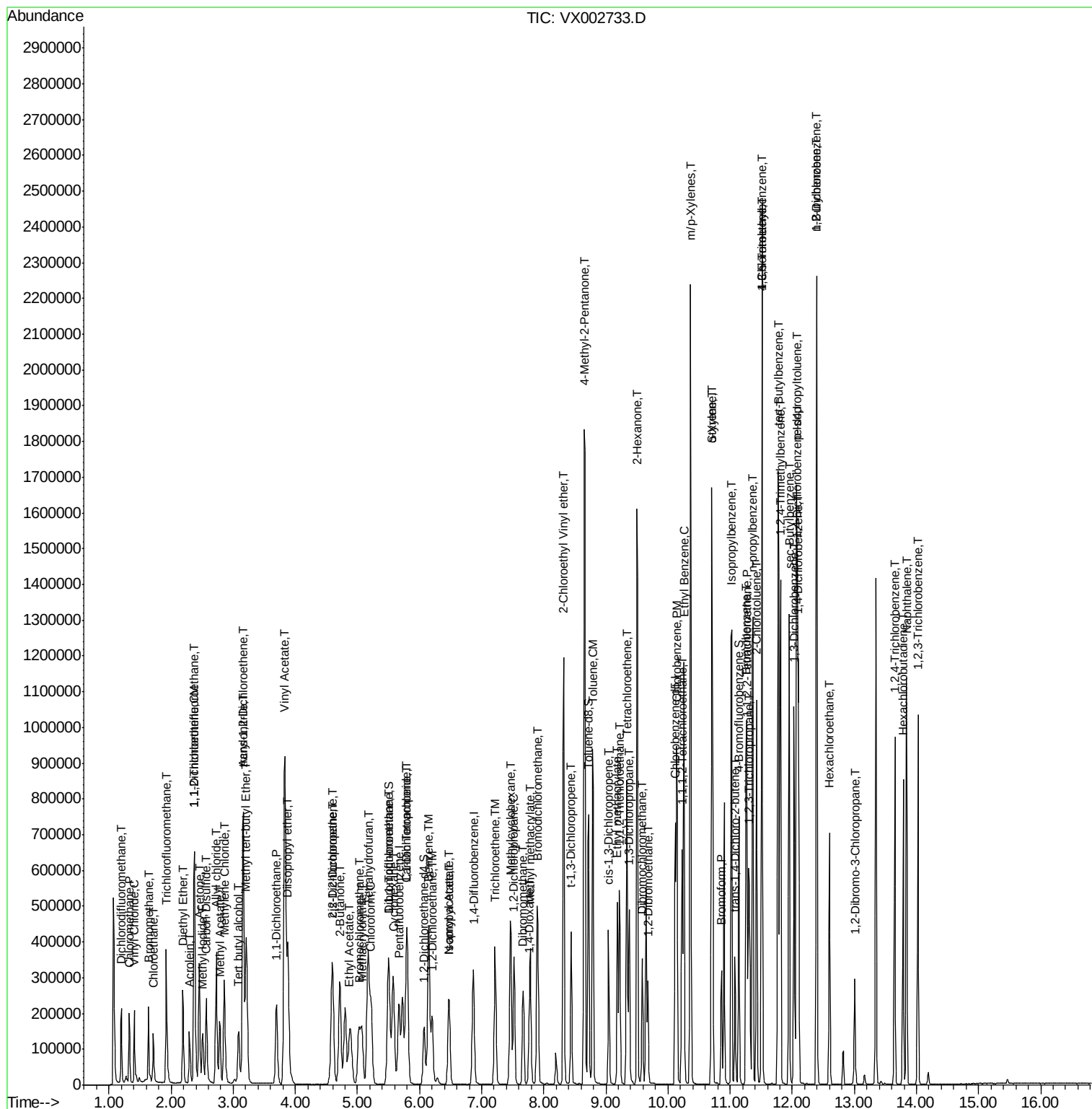
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	251841	51.32	ug/l	99
94) Hexachlorobutadiene	13.79	225	128267	49.62	ug/l	99
95) Naphthalene	13.84	128	726819	55.04	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	256261	51.99	ug/l	100

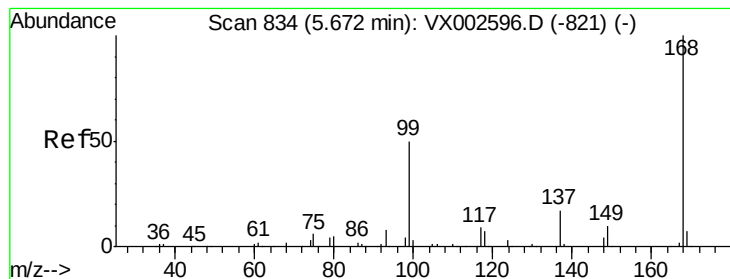
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
 MSVOA_X
 ClientSampled :

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Instrument :

MSVOA_X

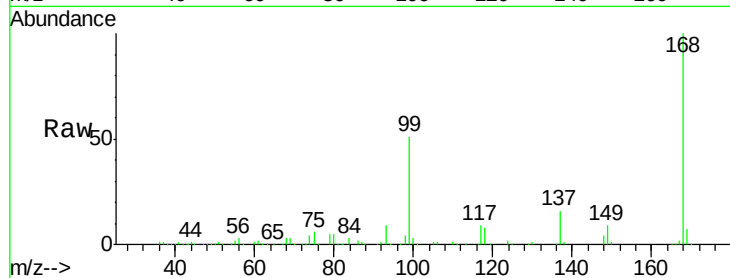
ClientSampled :

Tot Ion:168 Resp: 228916

Ion Ratio Lower Upper

168 100

99 51.3 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

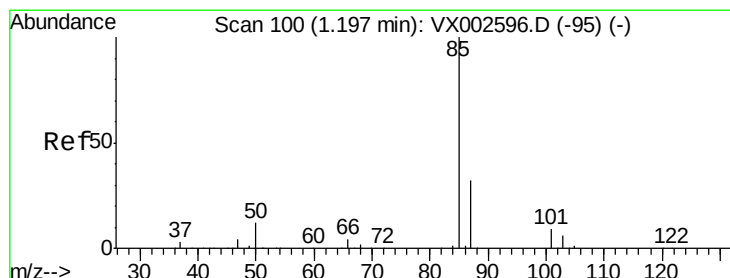
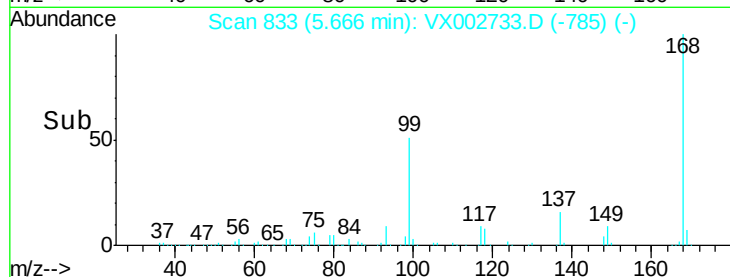
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 48.77 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002733.D

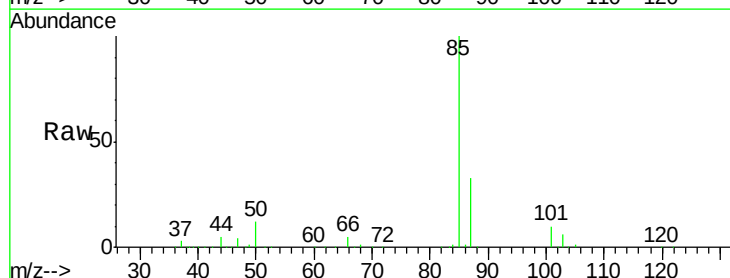
Acq: 20 Jun 2018 00:43

Tgt Ion: 85 Resp: 118509

Ion Ratio Lower Upper

85 100

87 32.9 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

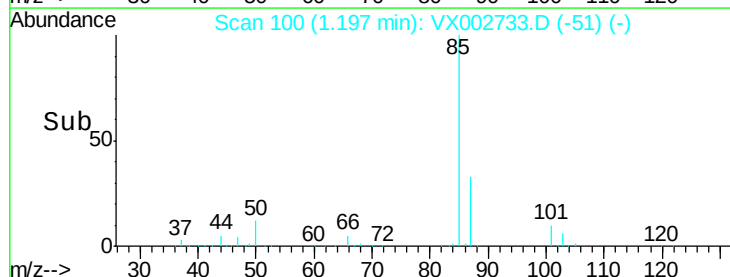
1.20

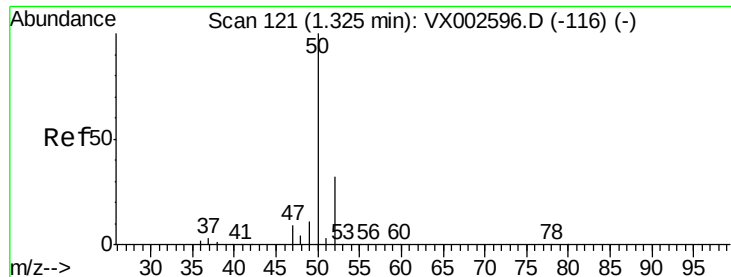
100000

50000

0

Time-->





#3

Chloromethane

Concen: 42.91 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Instrument :

MSVOA_X

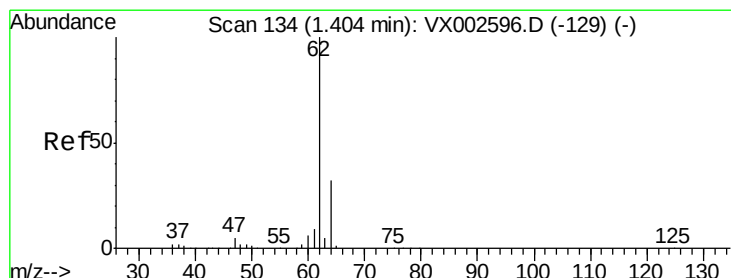
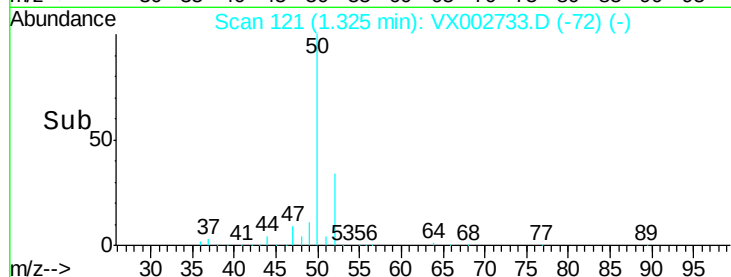
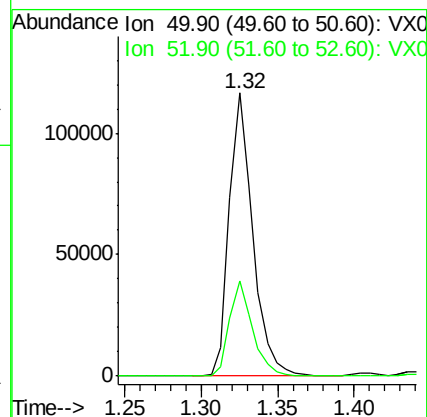
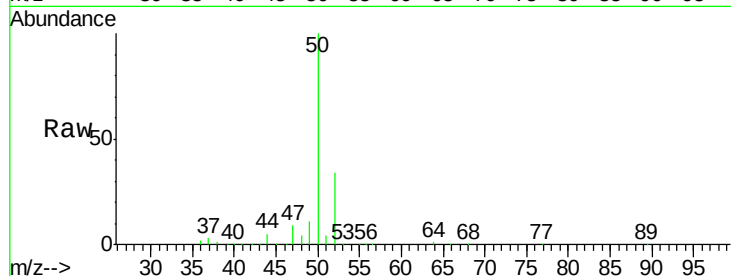
ClientSampleId :

Tot Ion: 50 Resp: 124039

Ion Ratio Lower Upper

50 100

52 33.6 25.7 38.5



#4

Vinyl Chloride

Concen: 45.88 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002733.D

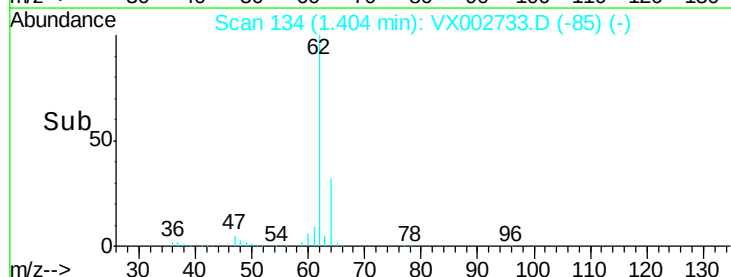
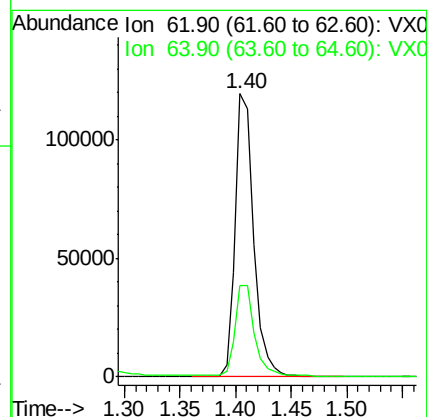
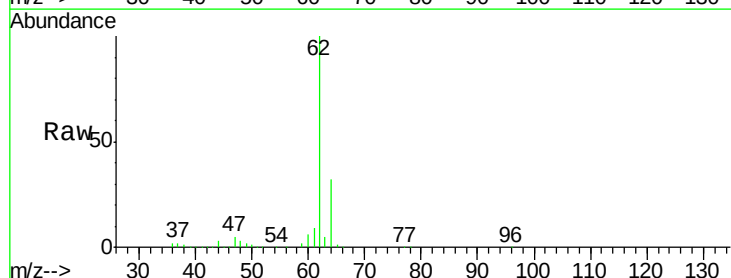
Acq: 20 Jun 2018 00:43

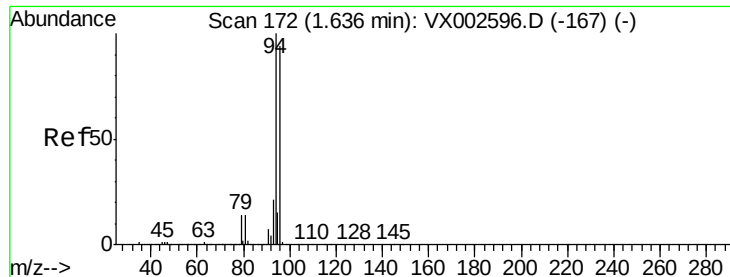
Tgt Ion: 62 Resp: 137626

Ion Ratio Lower Upper

62 100

64 32.1 25.4 38.2





#5

Bromomethane

Concen: 38.06 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Instrument :

MSVOA_X

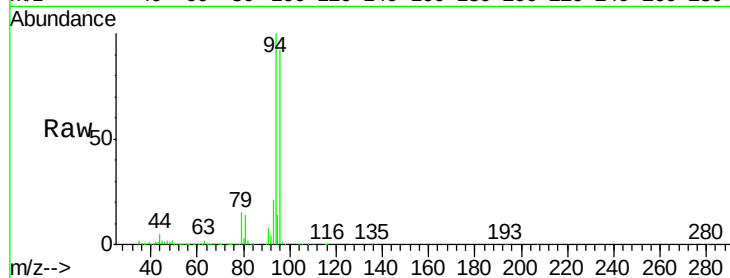
ClientSampleId :

Tot Ion: 94 Resp: 68887

Ion Ratio Lower Upper

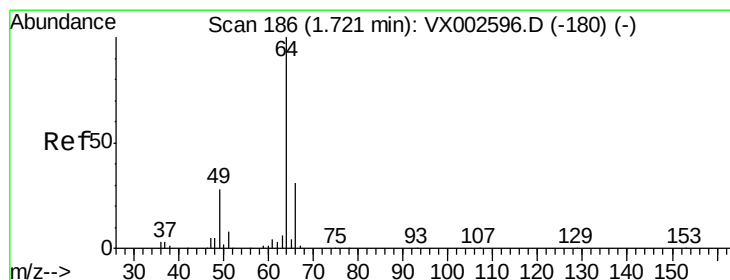
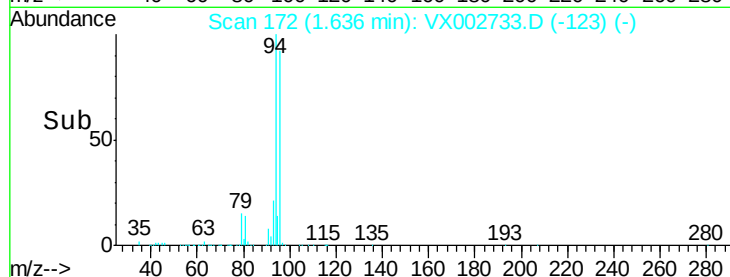
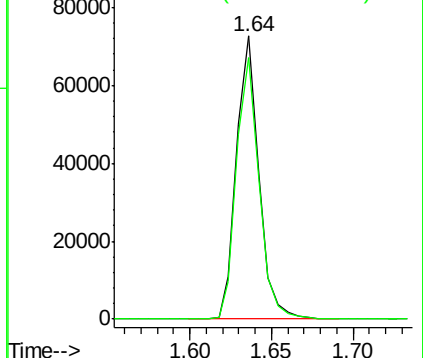
94 100

96 92.3 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 48.88 ug/l

RT: 1.72 min Scan# 185

Delta R.T. -0.01 min

Lab File: VX002733.D

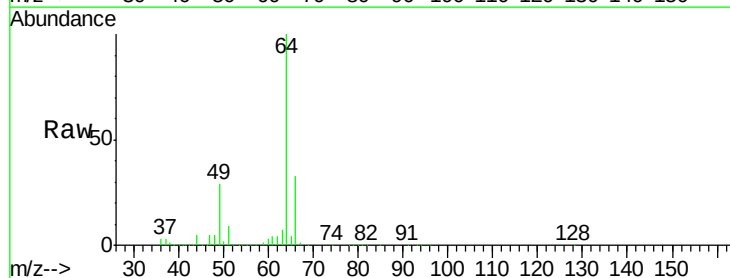
Acq: 20 Jun 2018 00:43

Tgt Ion: 64 Resp: 96643

Ion Ratio Lower Upper

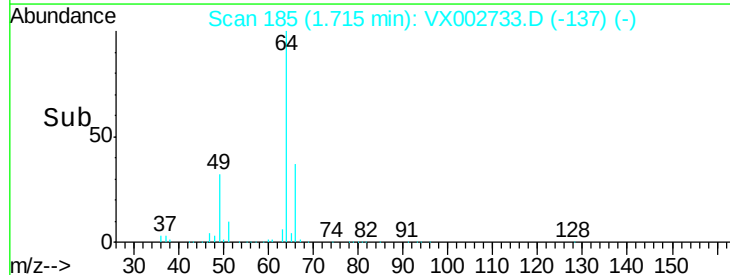
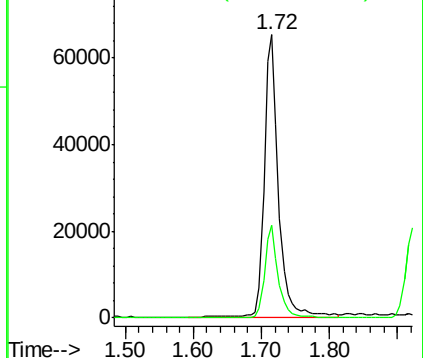
64 100

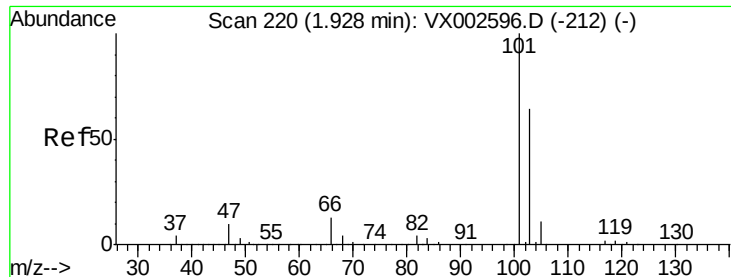
66 32.5 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



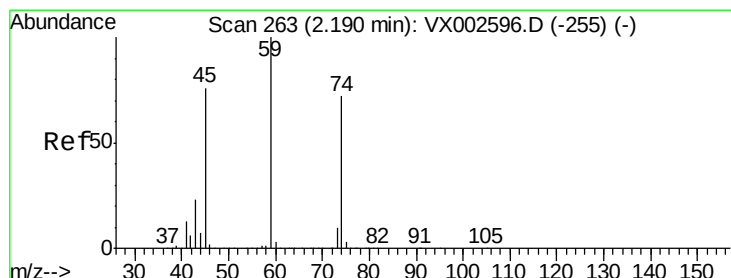
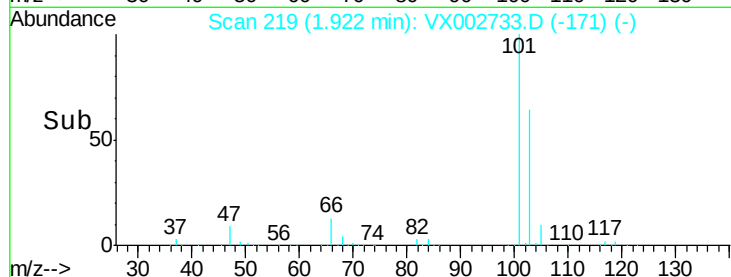
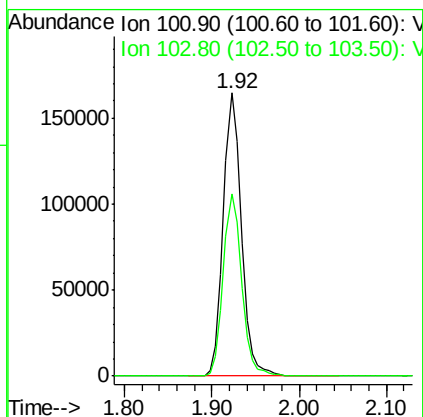
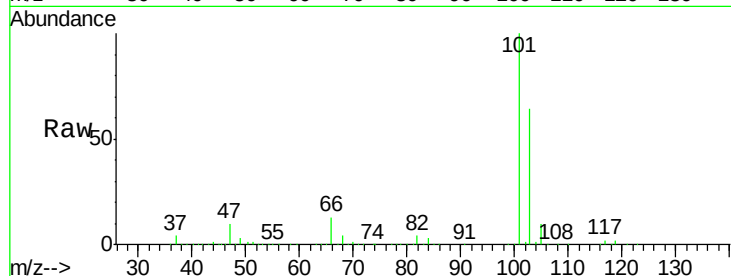


#7

Trichlorofluoromethane
 Concen: 48.68 ug/l
 RT: 1.92 min Scan# 219
 Delta R.T. -0.01 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 00:43

Instrument :
 MSVOA_X
 ClientSampleId :

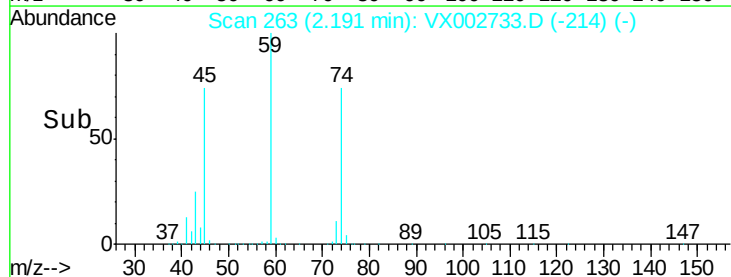
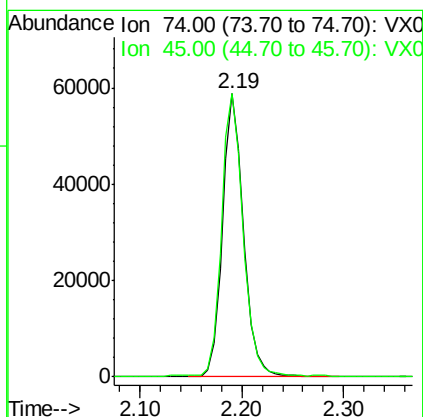
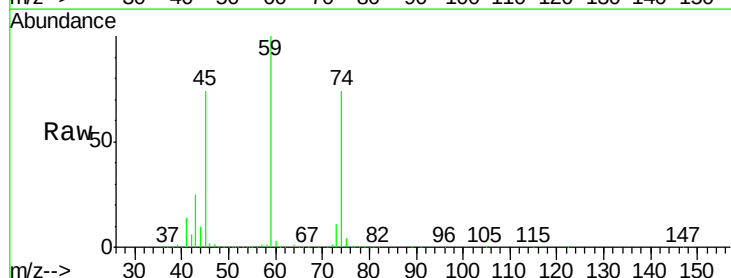
Tot Ion:101 Resp: 237253
 Ion Ratio Lower Upper
 101 100
 103 64.3 52.8 79.2

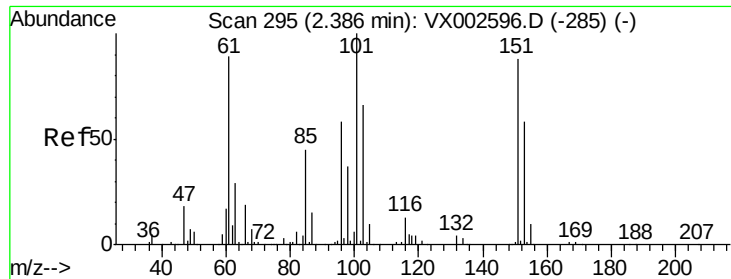


#8

Diethyl Ether
 Concen: 45.29 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 00:43

Tgt Ion: 74 Resp: 83950
 Ion Ratio Lower Upper
 74 100
 45 101.7 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 48.45 ug/l

RT: 2.38 min Scan# 294

Delta R.T. -0.01 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Instrument :

MSVOA_X

ClientSampleId :

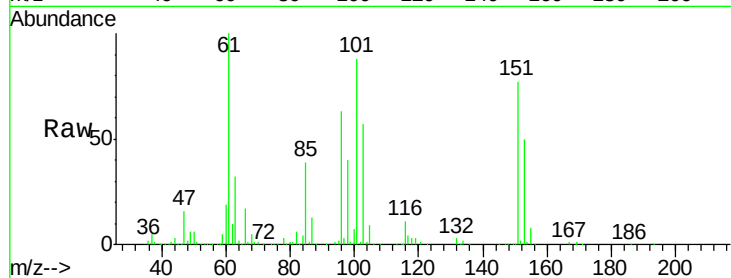
Tot Ion:101 Resp: 131993

Ion Ratio Lower Upper

101 100

85 44.5 36.0 54.0

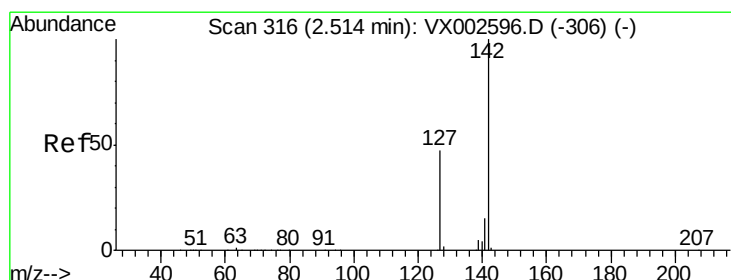
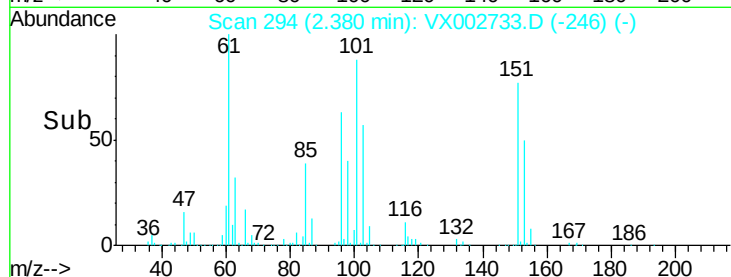
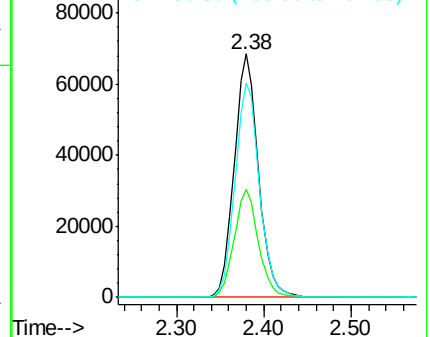
151 89.0 70.9 106.3



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: 39.45 ug/l

RT: 2.51 min Scan# 315

Delta R.T. -0.01 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

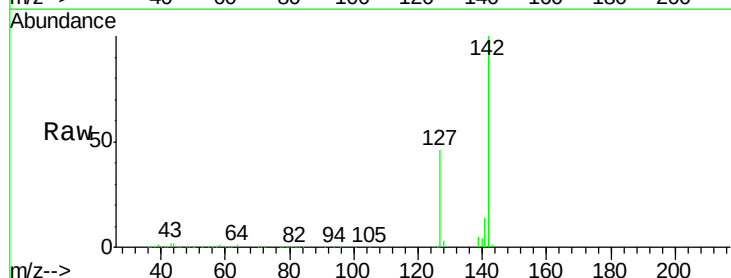
Tgt Ion:142 Resp: 140563

Ion Ratio Lower Upper

142 100

127 46.6 36.6 55.0

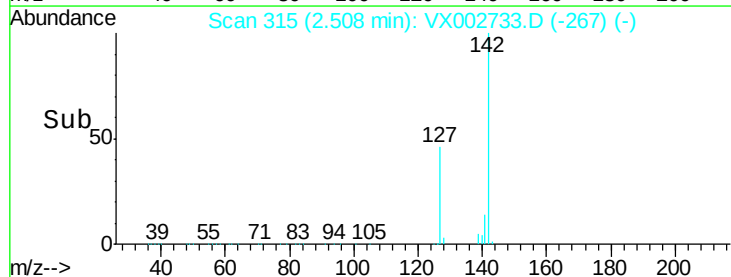
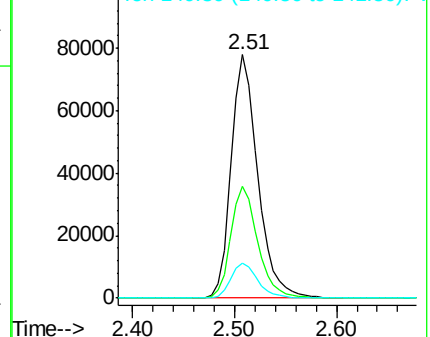
141 14.4 11.3 16.9

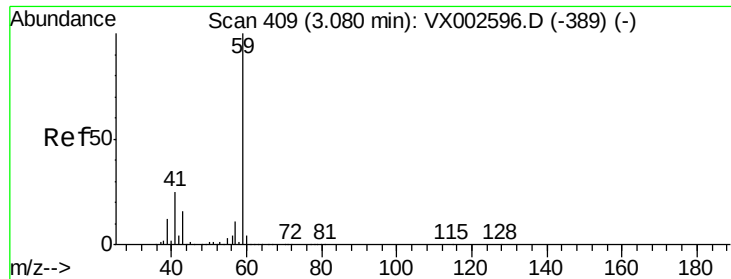


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

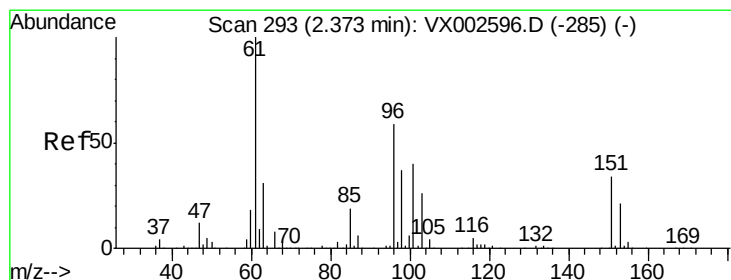
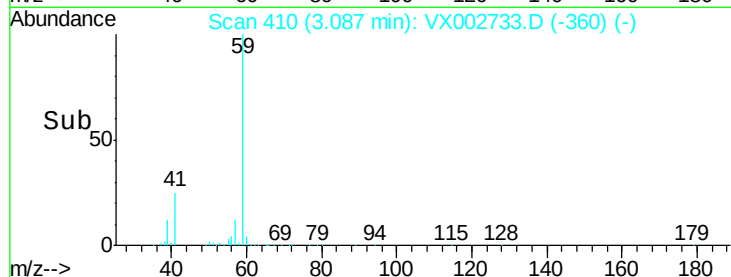
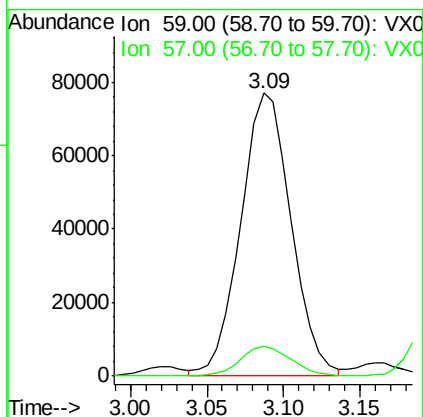
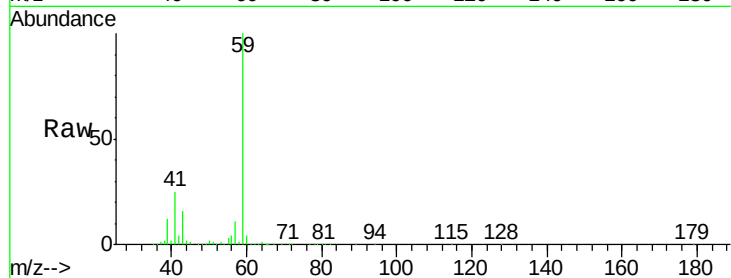




#11
Tert butyl alcohol
Concen: 245.53 ug/l
RT: 3.09 min Scan# 410
Delta R.T. 0.01 min
Lab File: VX002733.D
Acq: 20 Jun 2018 00:43

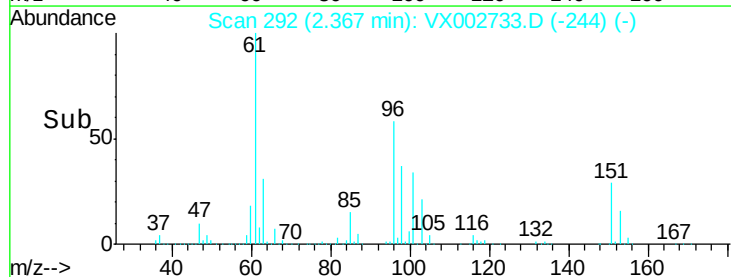
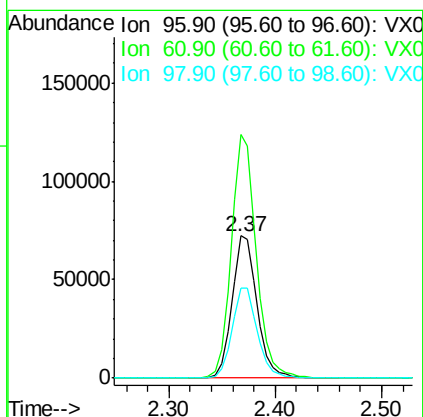
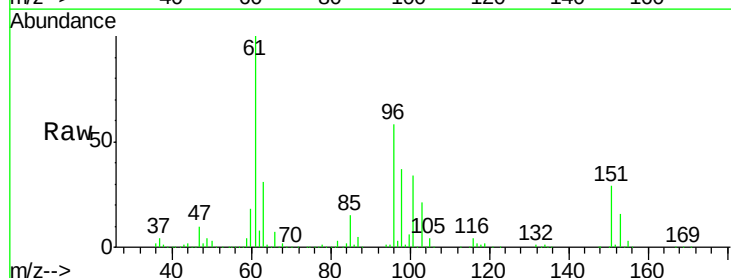
Instrument :
MSVOA_X
ClientSampled :

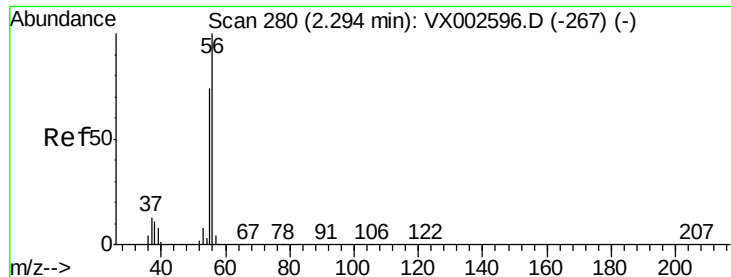
Tot Ion: 59 Resp: 176572
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.2



#12
1,1-Dichloroethene
Concen: 46.49 ug/l
RT: 2.37 min Scan# 292
Delta R.T. -0.01 min
Lab File: VX002733.D
Acq: 20 Jun 2018 00:43

Tgt Ion: 96 Resp: 118919
Ion Ratio Lower Upper
96 100
61 171.5 137.9 206.9
98 63.3 51.6 77.4





#13

Acrolein

Concen: 310.78 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

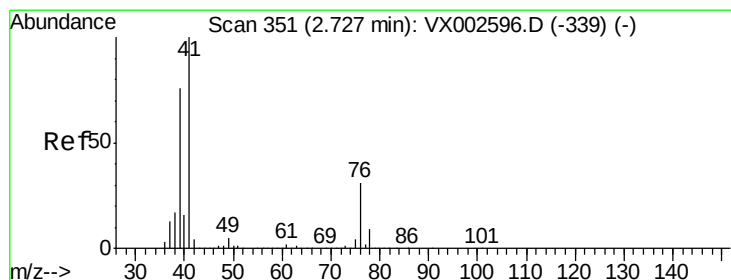
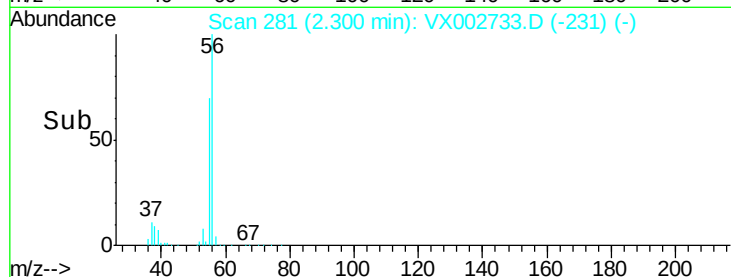
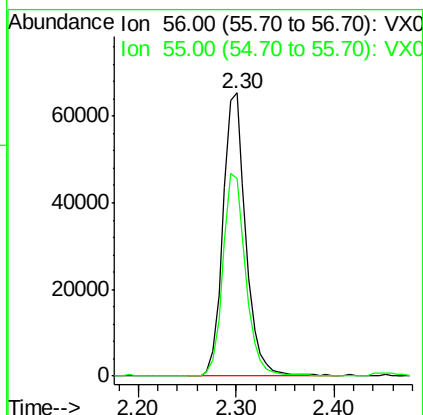
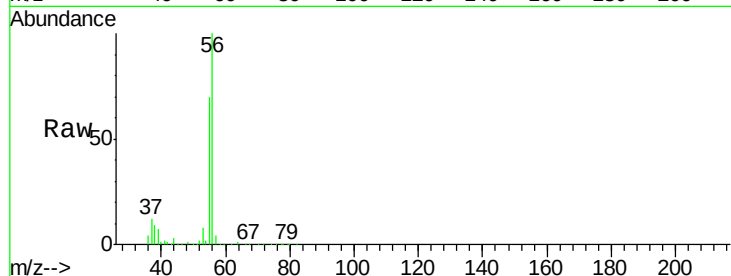
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 56 Resp: 105352

Ion Ratio Lower Upper

56 100

55 71.1 57.0 85.4



#14

Allyl chloride

Concen: 45.66 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

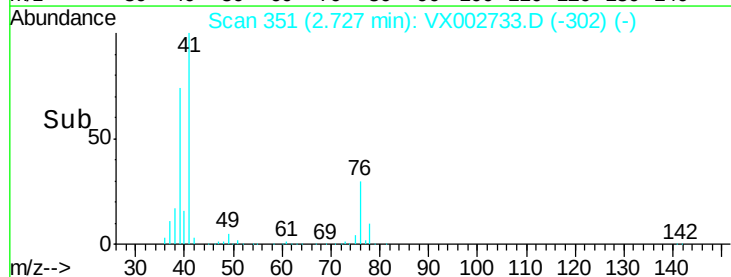
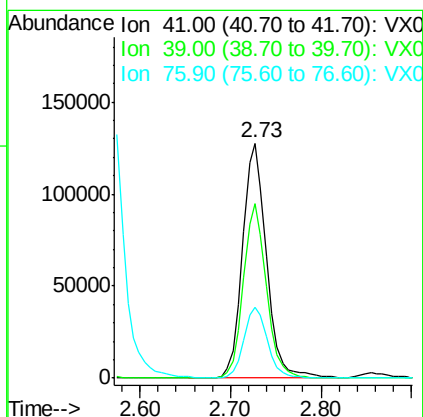
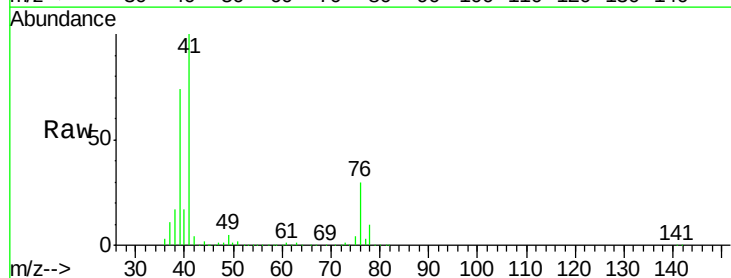
Tgt Ion: 41 Resp: 231898

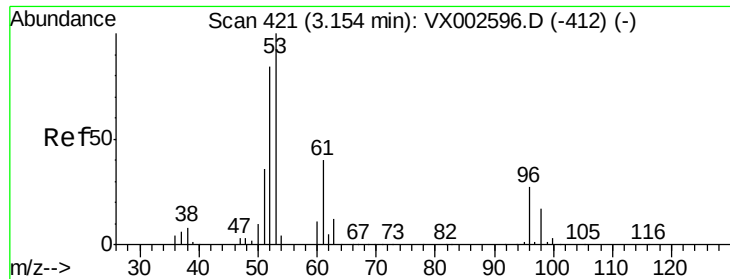
Ion Ratio Lower Upper

41 100

39 71.6 56.8 85.2

76 29.6 23.8 35.8

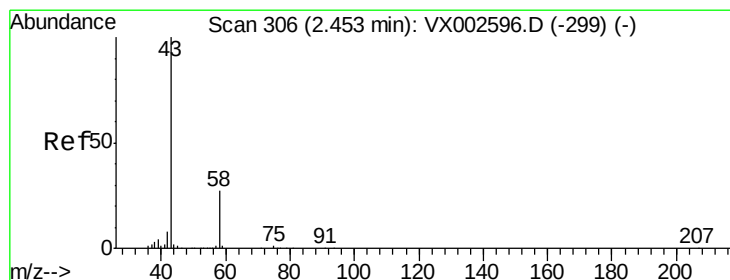
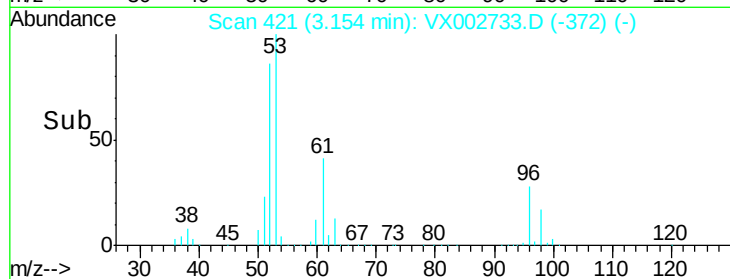
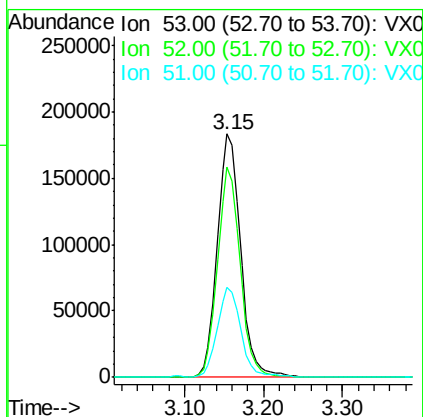
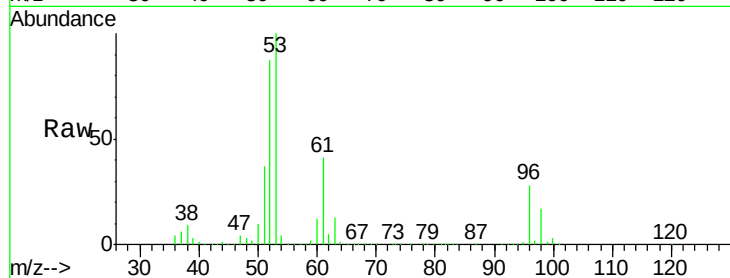




#15
 Acrylonitrile
 Concen: 239.76 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 00:43

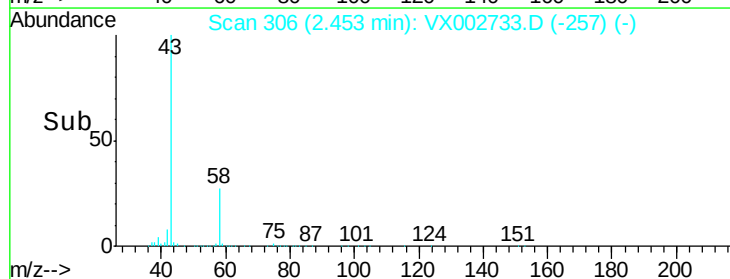
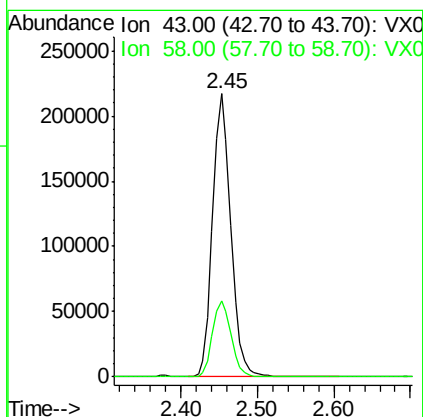
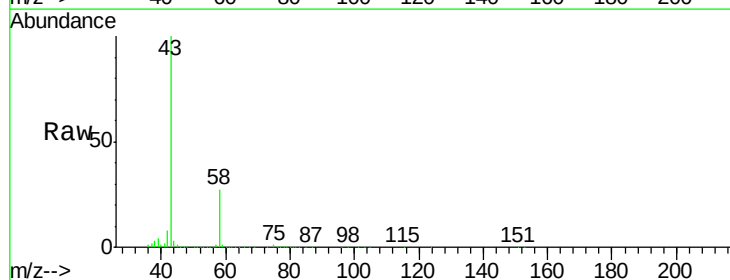
Instrument :
 MSVOA_X
 ClientSampleId :

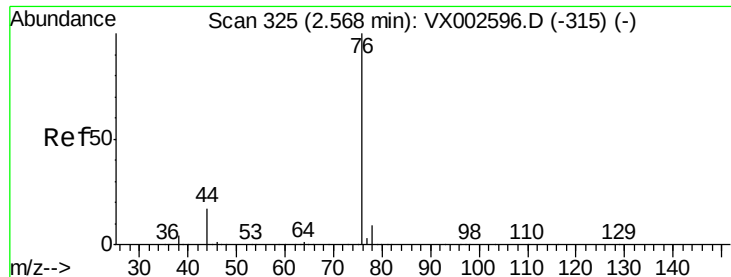
Tot Ion: 53 Resp: 376245
 Ion Ratio Lower Upper
 53 100
 52 84.0 66.7 100.1
 51 37.6 29.9 44.9



#16
 Acetone
 Concen: 233.16 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 00:43

Tgt Ion: 43 Resp: 357844
 Ion Ratio Lower Upper
 43 100
 58 27.0 22.1 33.1





#17

Carbon Disulfide

Concen: 50.54 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Instrument :

MSVOA_X

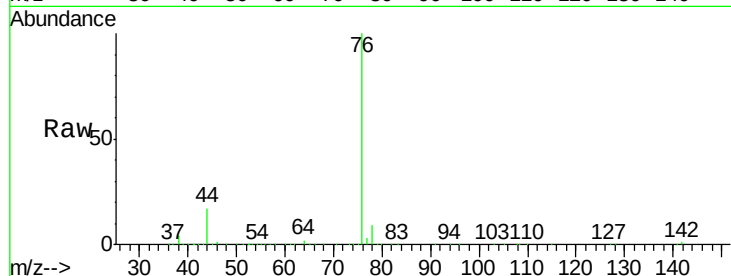
ClientSampleId :

Tot Ion: 76 Resp: 306580

Ion Ratio Lower Upper

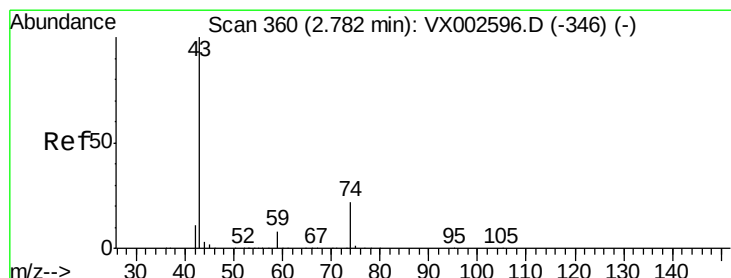
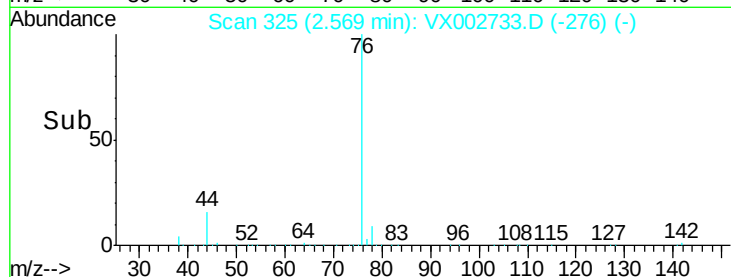
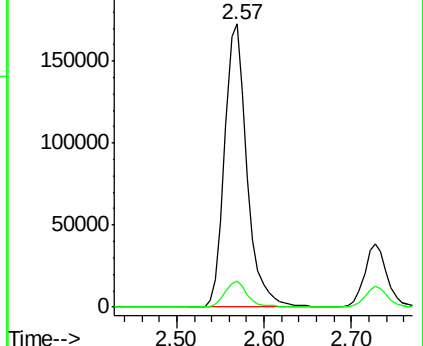
76 100

78 9.3 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 49.24 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002733.D

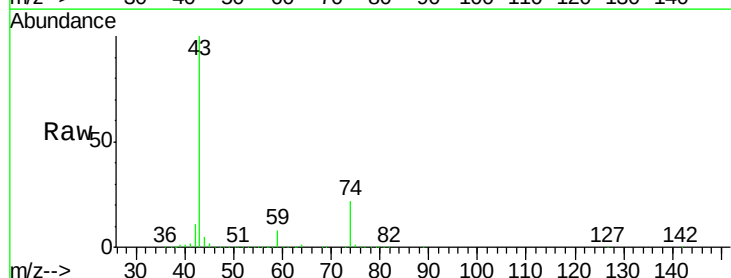
Acq: 20 Jun 2018 00:43

Tgt Ion: 43 Resp: 201336

Ion Ratio Lower Upper

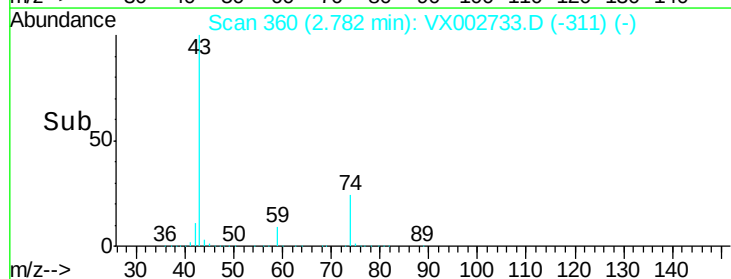
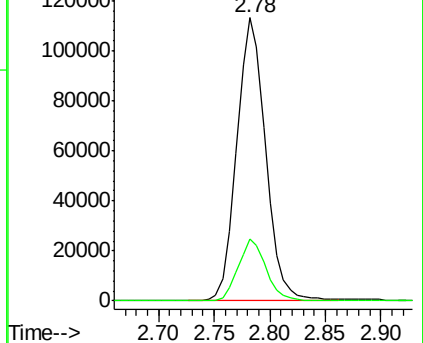
43 100

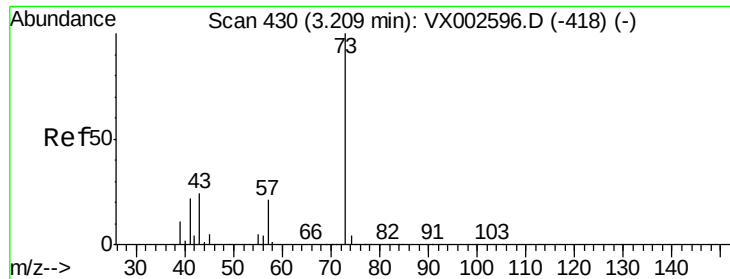
74 20.9 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0





#19

Methyl tert-butyl Ether

Concen: 45.47 ug/l

RT: 3.21 min Scan# 430

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Instrument :

MSVOA_X

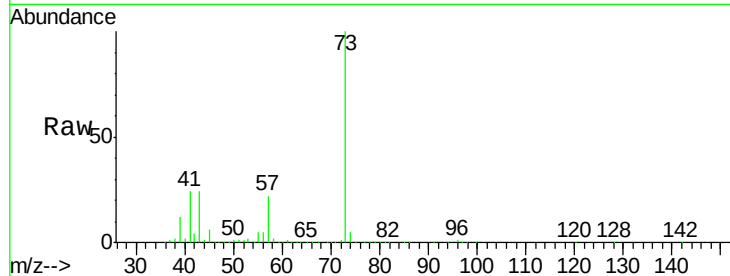
ClientSampleId :

Tot Ion: 73 Resp: 436312

Ion Ratio Lower Upper

73 100

57 22.3 17.7 26.5



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.21

200000

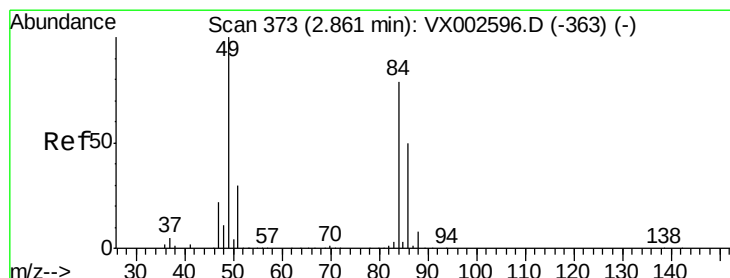
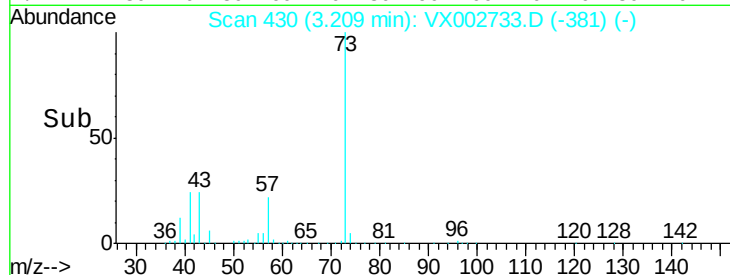
150000

100000

50000

0

Time-->



#20

Methylene Chloride

Concen: 42.46 ug/l

RT: 2.86 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Tgt Ion: 84 Resp: 133627

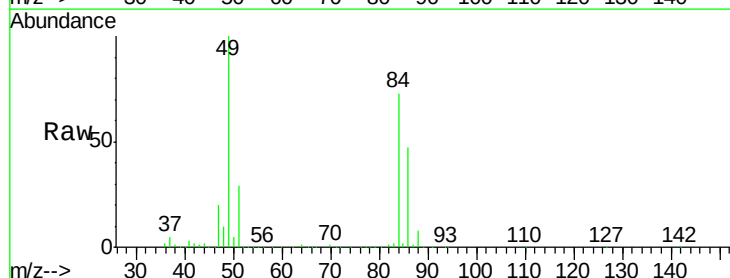
Ion Ratio Lower Upper

84 100

49 137.2 107.8 161.6

51 39.9 32.8 49.2

86 64.3 52.5 78.7



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

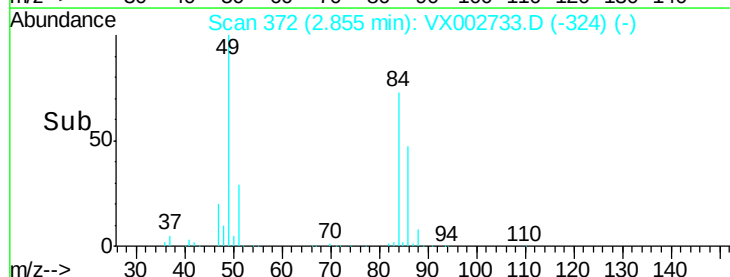
Ion 85.90 (85.60 to 86.60): VX0

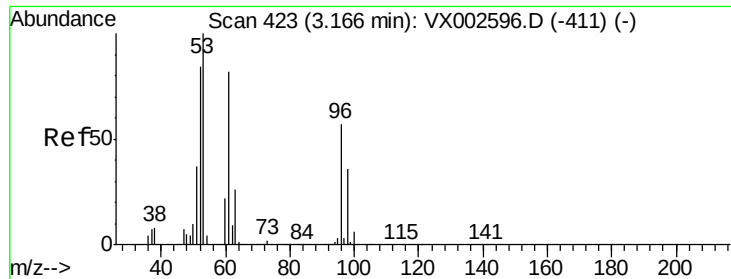
100000

50000

0

Time-->





#21

trans-1,2-Dichloroethene

Concen: 45.93 ug/l

RT: 3.16 min Scan# 422

Delta R.T. -0.01 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :

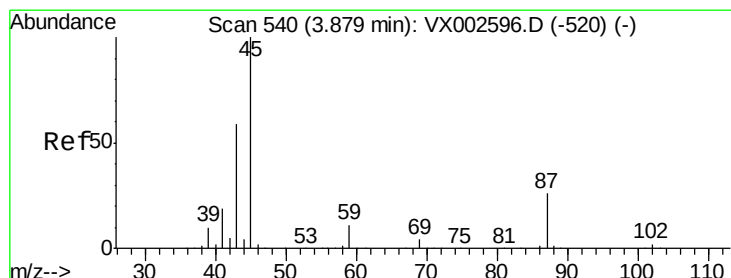
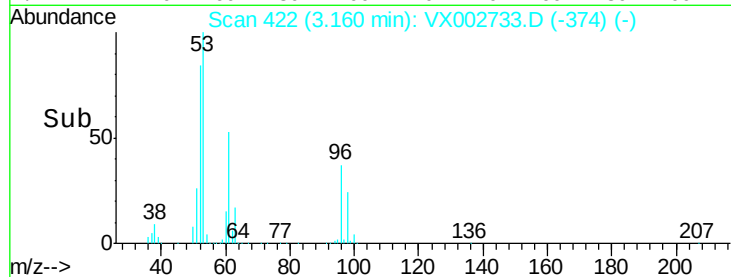
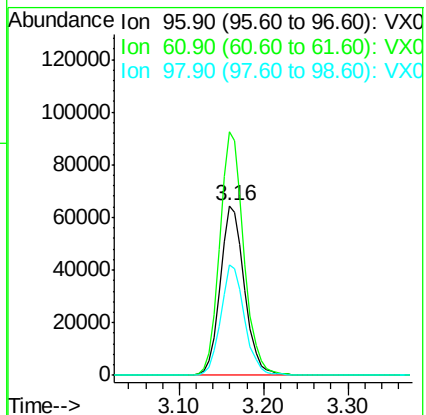
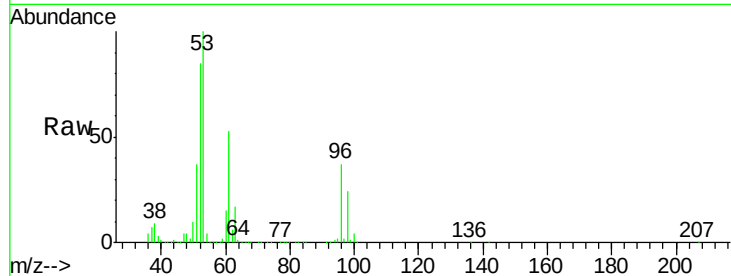
Tot Ion: 96 Resp: 127461

Ion Ratio Lower Upper

96 100

61 143.6 117.0 175.4

98 65.0 52.4 78.6



#22

Diisopropyl ether

Concen: 46.84 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Tgt Ion: 45 Resp: 430413

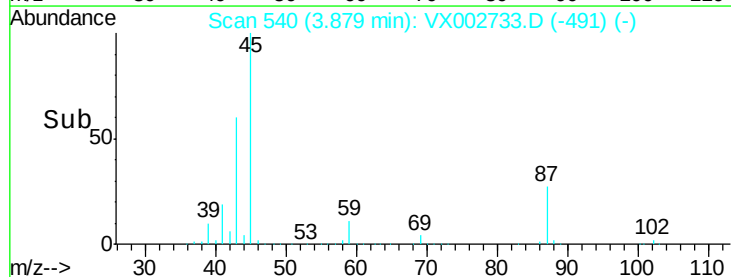
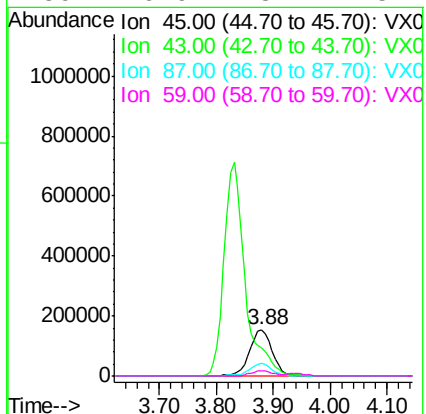
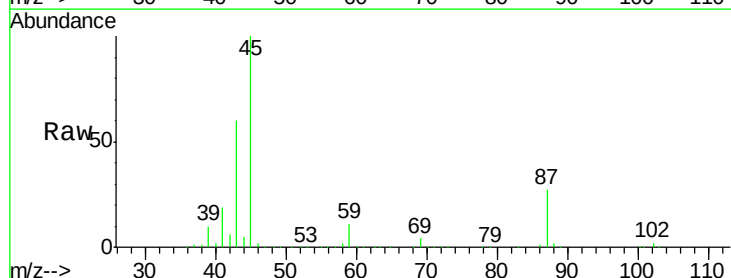
Ion Ratio Lower Upper

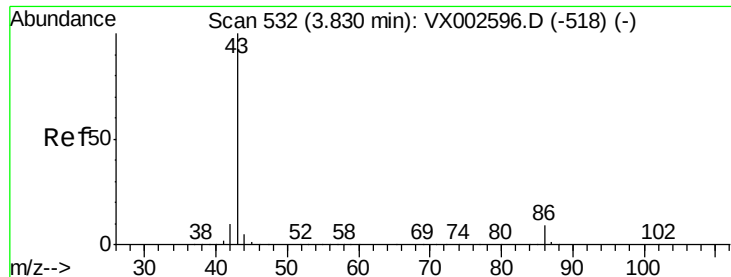
45 100

43 60.0 46.8 70.2

87 26.6 20.2 30.4

59 10.9 8.7 13.1





#23

Vinyl Acetate

Concen: 239.95 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

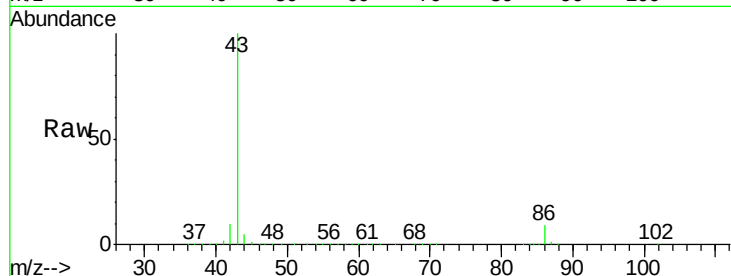
Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :

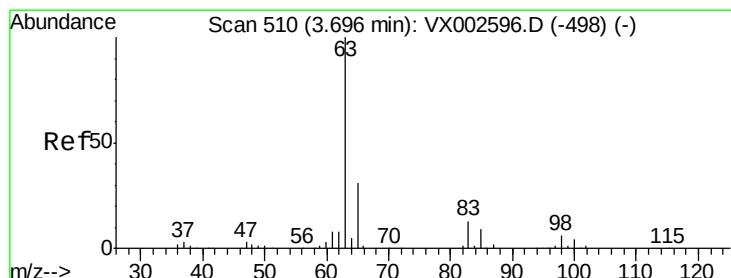
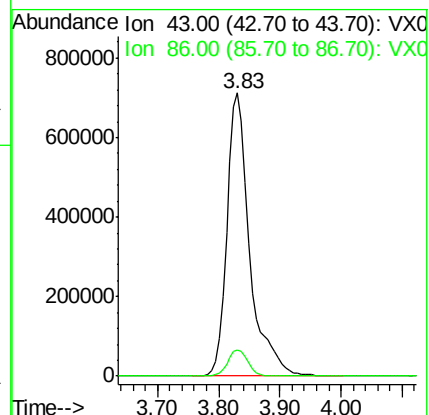
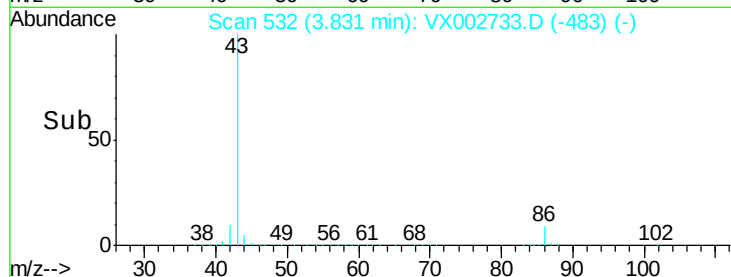
Tot Ion: 43 Resp: 1845282

Ion	Ratio	Lower	Upper
43	100		
86	9.4	7.4	11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 49.92 ug/l

RT: 3.70 min Scan# 510

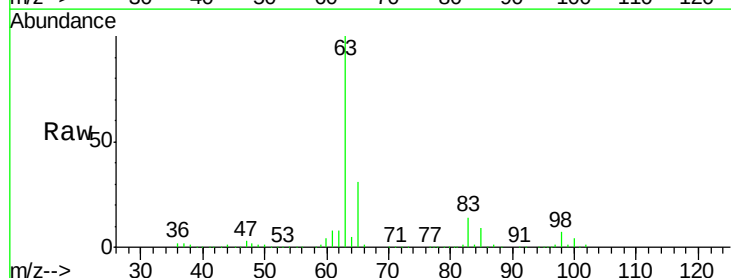
Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

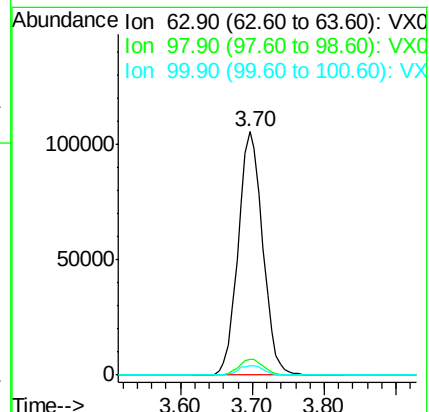
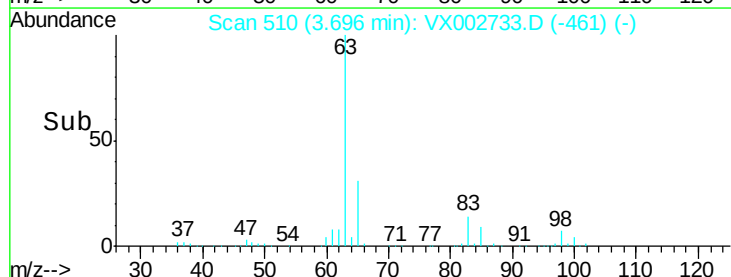
Tgt Ion: 63 Resp: 248934

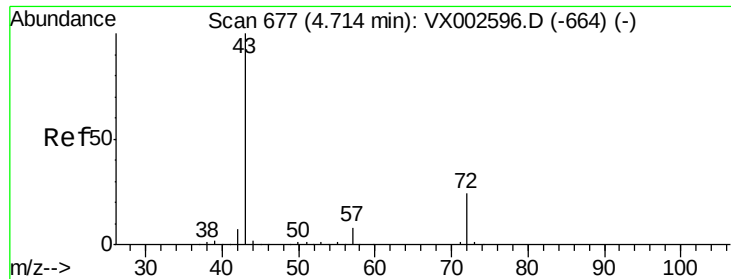
Ion	Ratio	Lower	Upper
63	100		
98	6.6	3.4	10.2
100	3.8	2.0	6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#25

2-Butanone

Concen: 254.56 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Instrument :

MSVOA_X

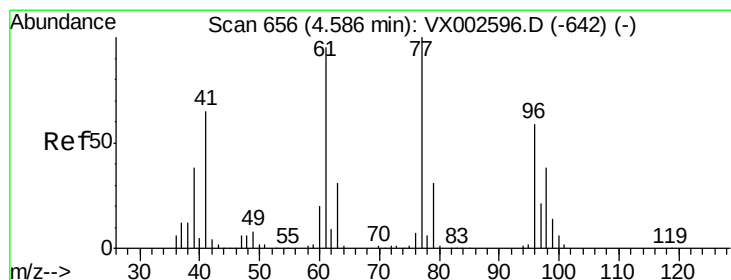
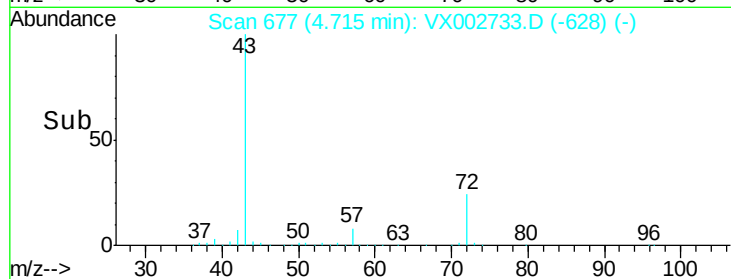
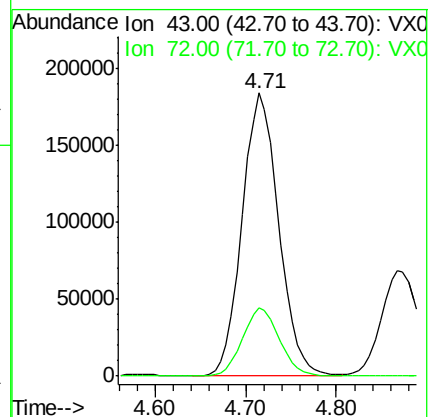
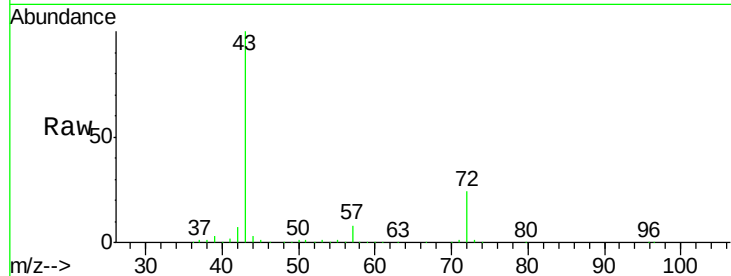
ClientSampleId :

Tot Ion: 43 Resp: 513079

Ion Ratio Lower Upper

43 100

72 24.0 18.5 27.7



#26

2,2-Dichloropropane

Concen: 36.89 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX002733.D

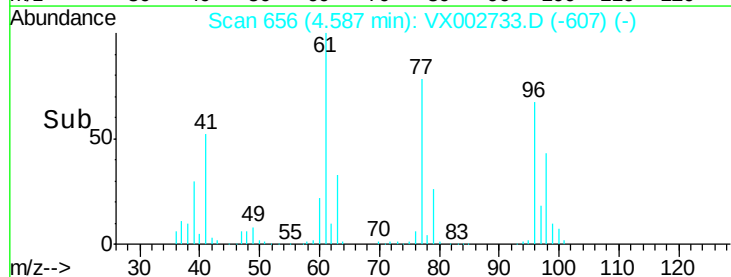
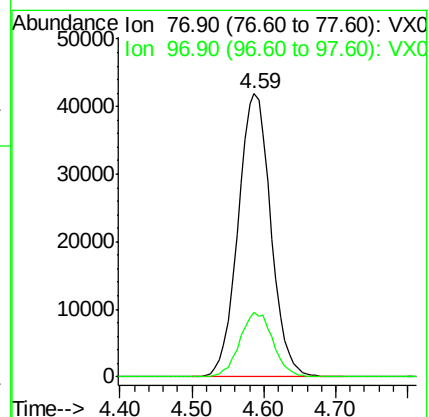
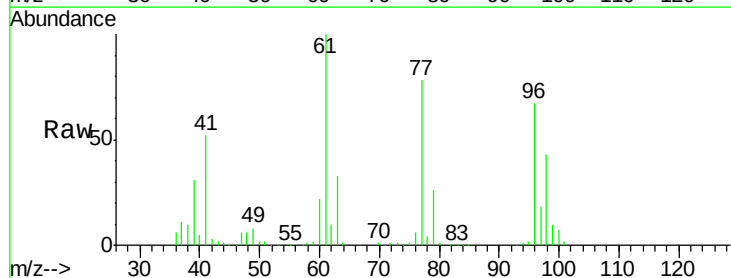
Acq: 20 Jun 2018 00:43

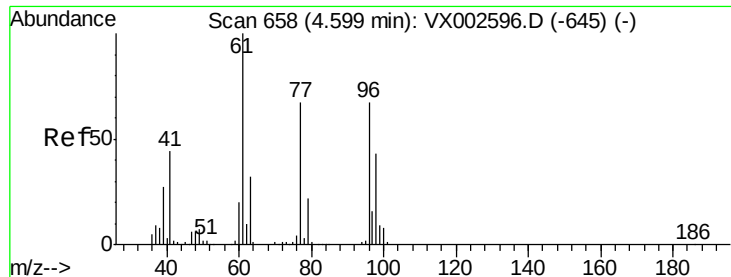
Tgt Ion: 77 Resp: 132195

Ion Ratio Lower Upper

77 100

97 23.2 11.2 33.5





#27

cis-1,2-Dichloroethene

Concen: 47.90 ug/l

RT: 4.60 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampled :

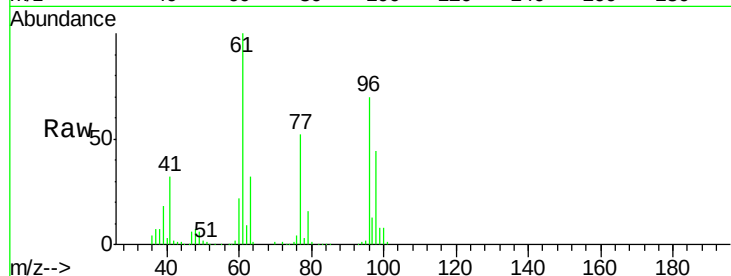
Tot Ion: 96 Resp: 135250

Ion Ratio Lower Upper

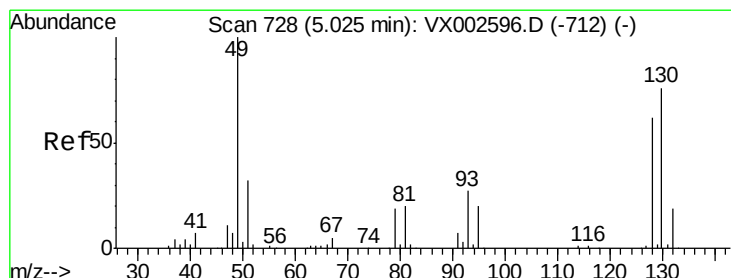
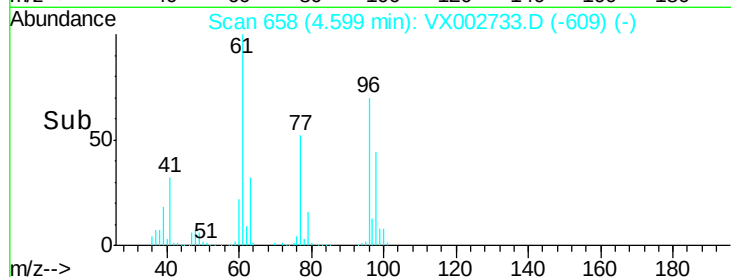
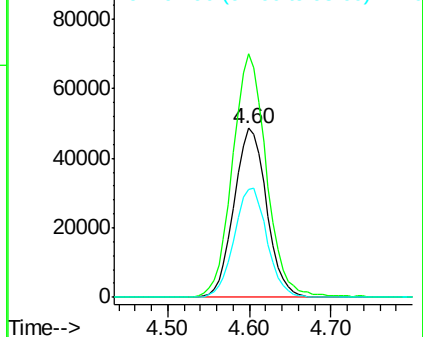
96 100

61 149.6 0.0 330.2

98 64.8 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: 45.34 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

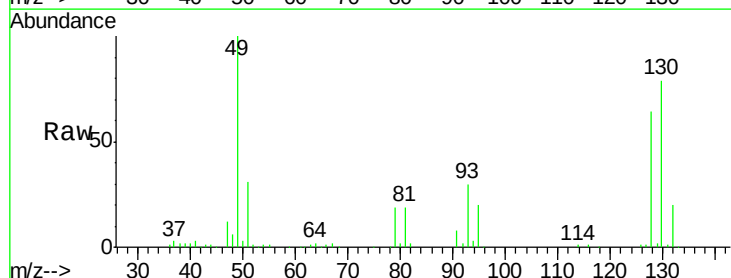
Tgt Ion: 49 Resp: 105888

Ion Ratio Lower Upper

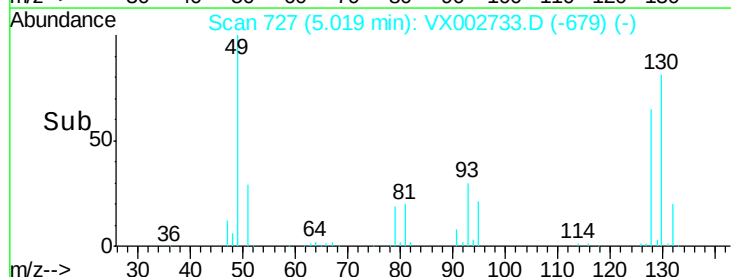
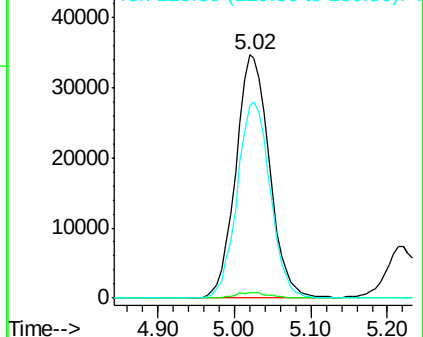
49 100

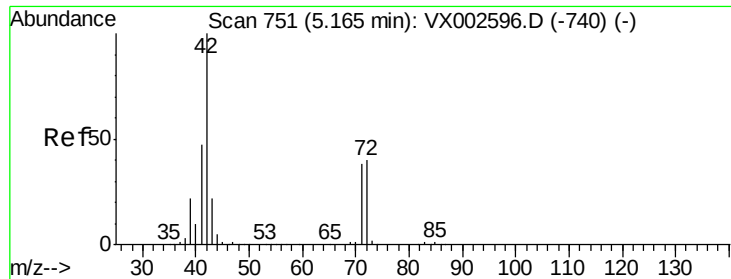
129 2.3 0.0 4.2

130 79.1 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: 253.80 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Instrument :

MSVOA_X

ClientSampled :

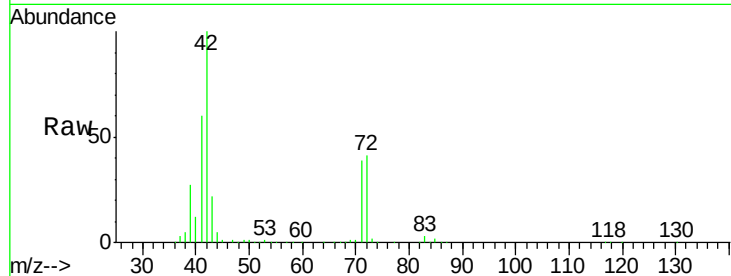
Tot Ion: 42 Resp: 335249

Ion Ratio Lower Upper

42 100

72 41.3 32.0 48.0

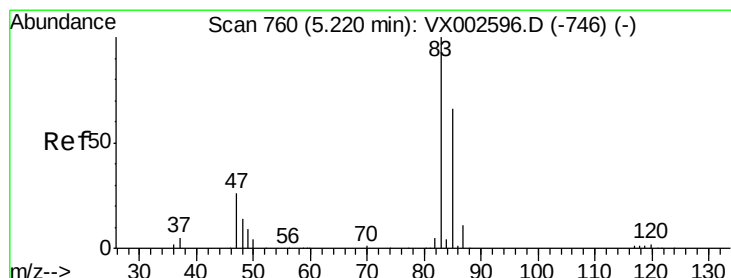
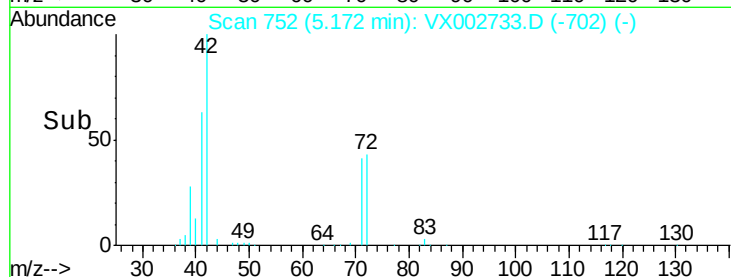
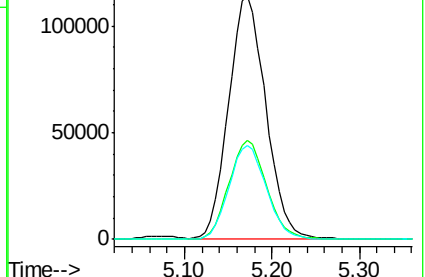
71 39.0 30.1 45.1



Abundance Ion 42.00 (41.70 to 42.70): VX0

Ion 72.00 (71.70 to 72.70): VX0

Ion 71.00 (70.70 to 71.70): VX0



#30

Chloroform

Concen: 50.00 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX002733.D

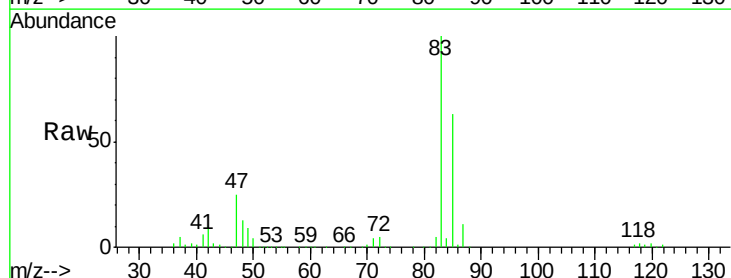
Acq: 20 Jun 2018 00:43

Tgt Ion: 83 Resp: 240432

Ion Ratio Lower Upper

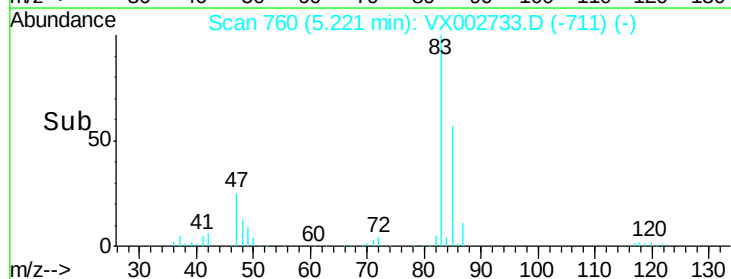
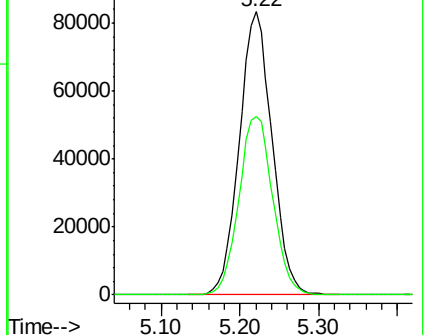
83 100

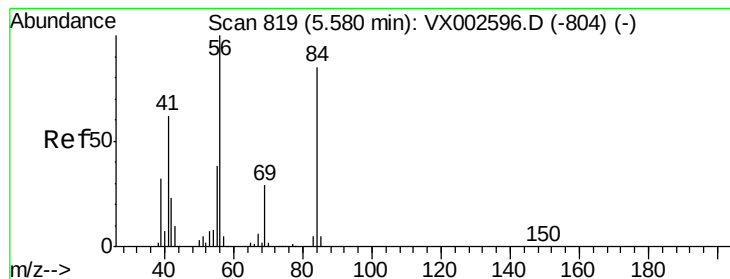
85 62.9 50.4 75.6



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0





#31

Cyclohexane

Concen: 48.10 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

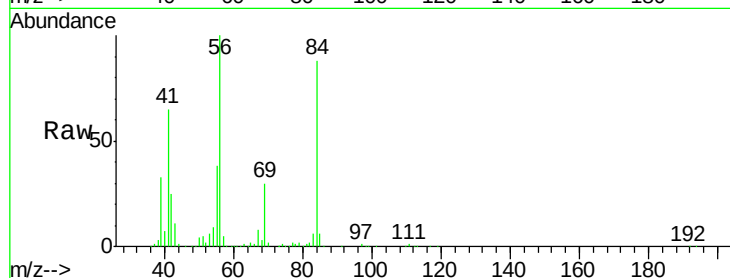
Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 197486

Ion	Ratio	Lower	Upper
56	100		
69	30.5	23.7	35.5
84	86.5	64.1	96.1

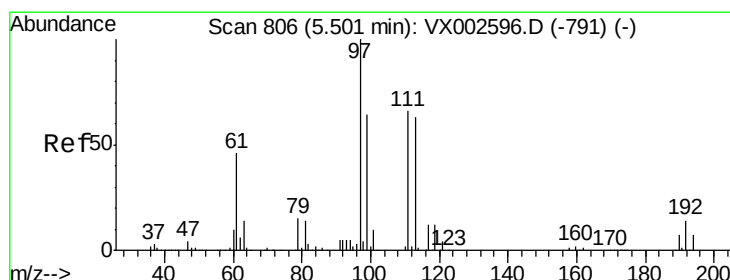
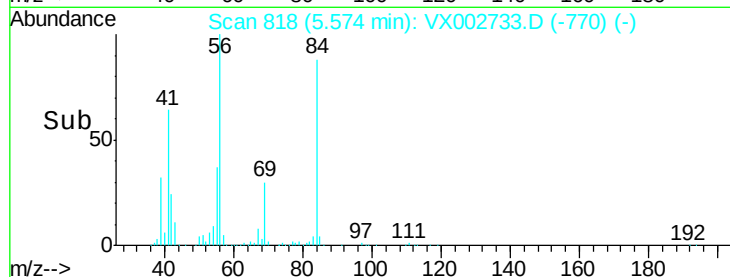
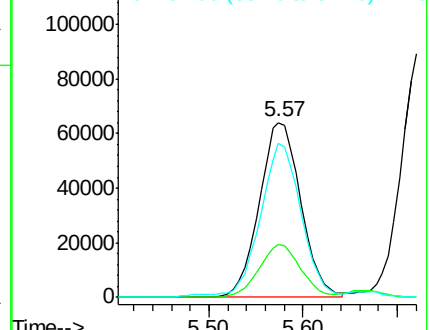


Abundance

Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#32

1,1,1-Trichloroethane

Concen: 52.12 ug/l

RT: 5.49 min Scan# 805

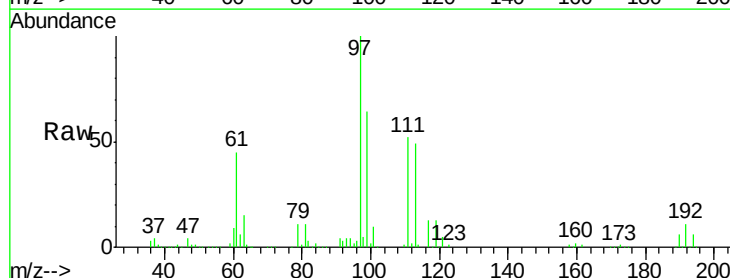
Delta R.T. -0.01 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Tgt Ion: 97 Resp: 209646

Ion	Ratio	Lower	Upper
97	100		
99	64.7	51.6	77.4
61	45.7	36.4	54.6

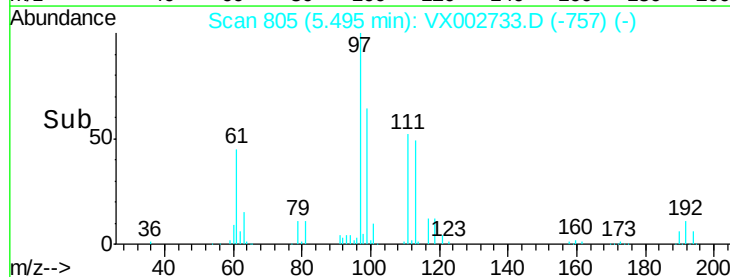
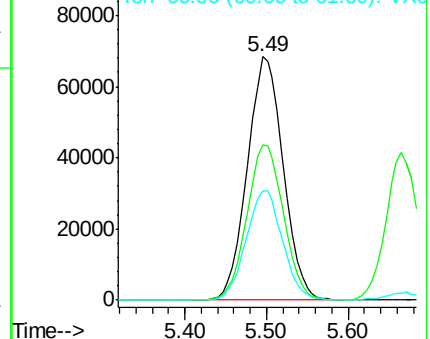


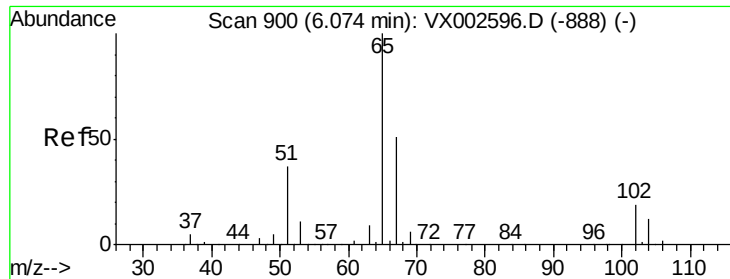
Abundance

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

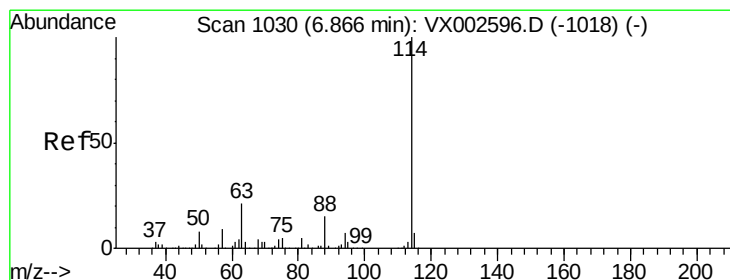
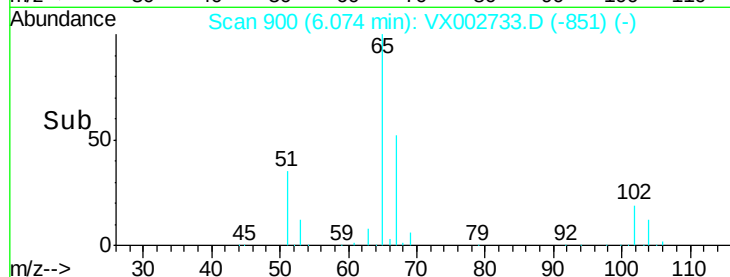
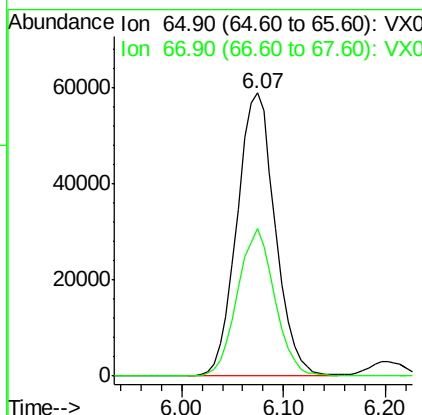
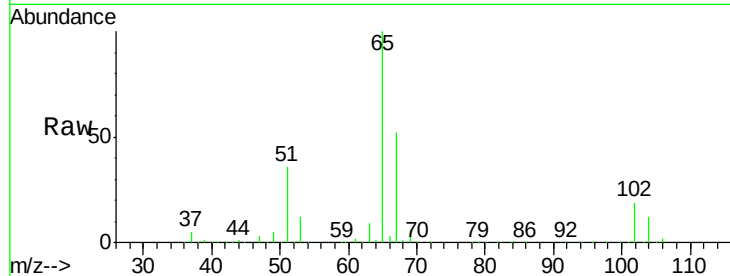




#33
 1,2-Dichloroethane-d4
 Concen: 44.08 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 00:43

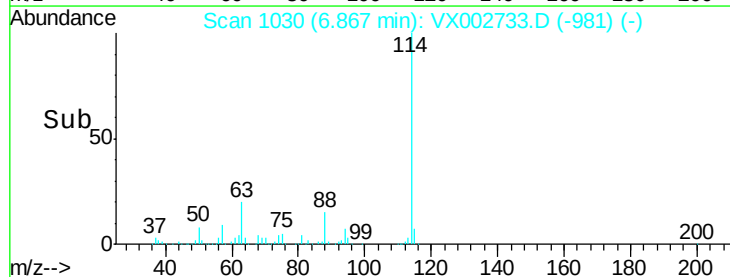
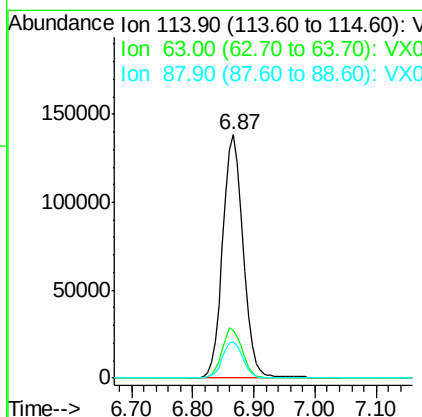
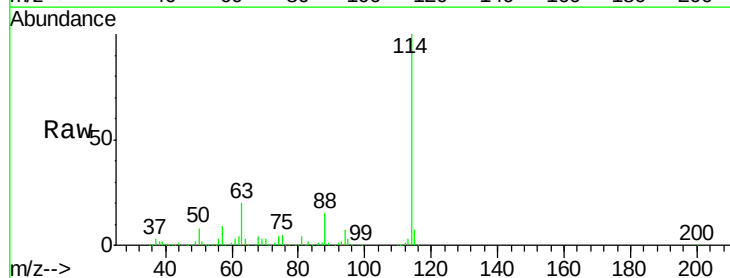
Instrument :
 MSVOA_X
 ClientSampleId :

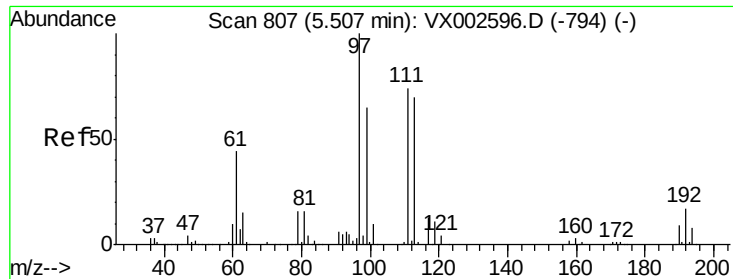
Tot Ion: 65 Resp: 153332
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 00:43

Tgt Ion: 114 Resp: 321770
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 41.4
 88 15.0 0.0 30.0

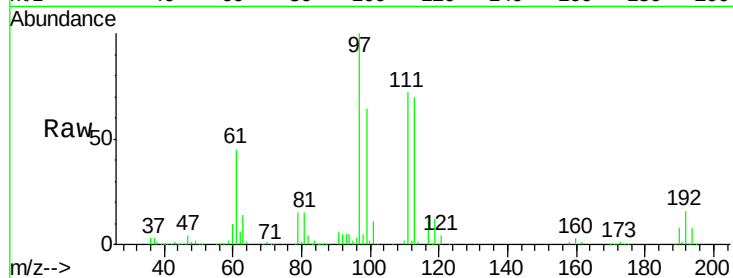




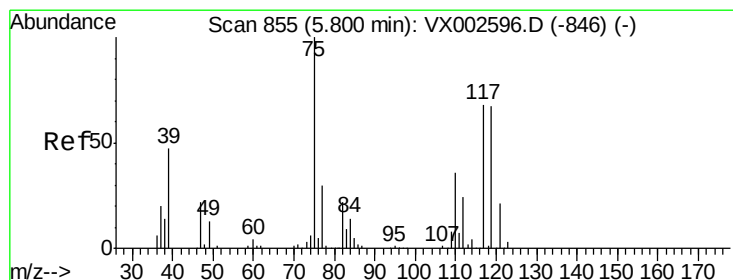
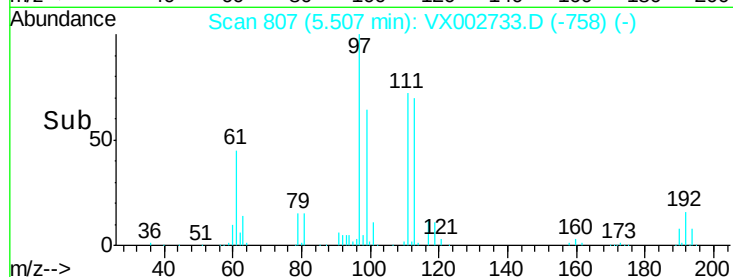
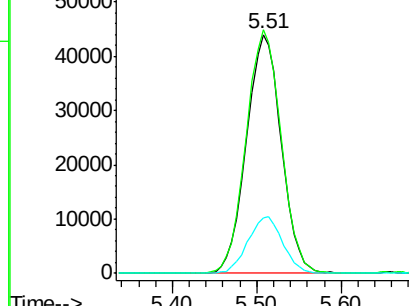
#35
Dibromofluoromethane
Concen: 47.94 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
113	100		
111	102.6	81.4	122.0
192	23.8	19.1	28.7

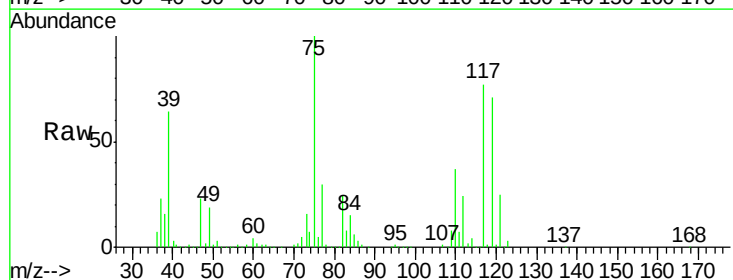


Abundance Ion 112.80 (112.50 to 113.50): V
Ion 110.80 (110.50 to 111.50): V
Ion 191.70 (191.40 to 192.40): V

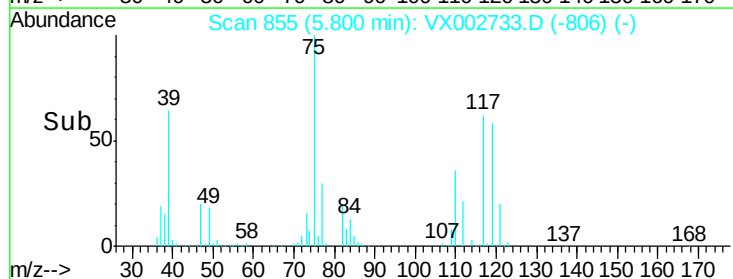
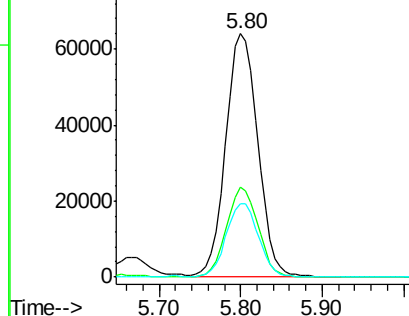


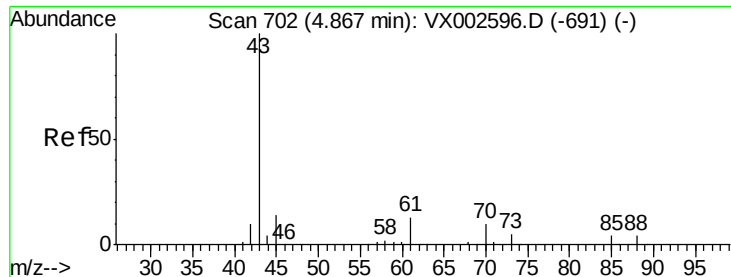
#36
1,1-Dichloropropene
Concen: 50.77 ug/l
RT: 5.80 min Scan# 855
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 00:43

Tgt Ion	Ratio	Lower	Upper
75	100		
110	36.7	18.1	54.4
77	30.5	24.3	36.5



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

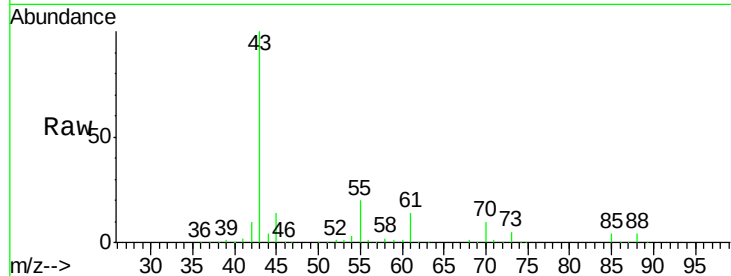




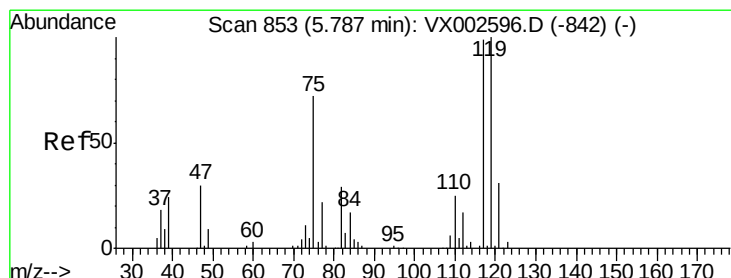
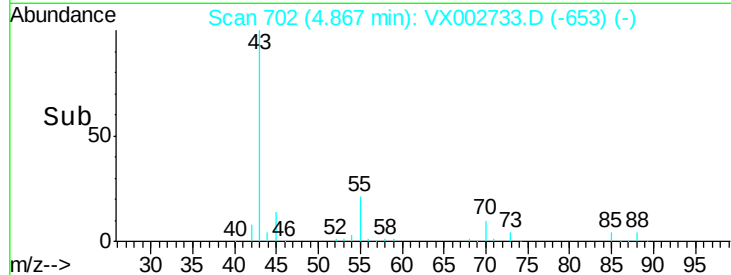
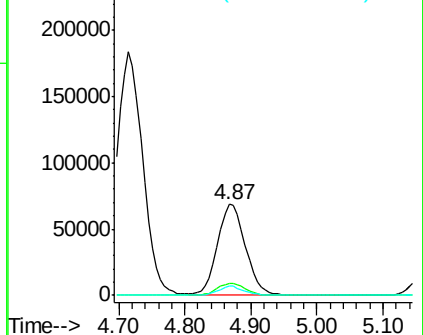
#37
Ethyl Acetate
Concen: 52.15 ug/l
RT: 4.87 min Scan# 702
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 43 Resp: 201735
Ion Ratio Lower Upper
43 100
61 12.8 10.4 15.6
70 9.4 7.6 11.4

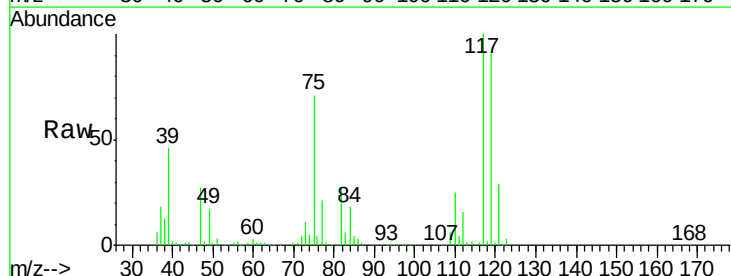


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

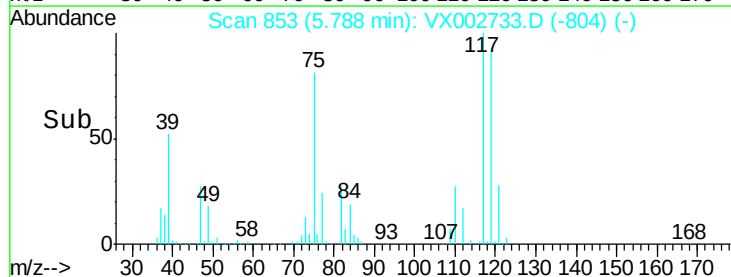
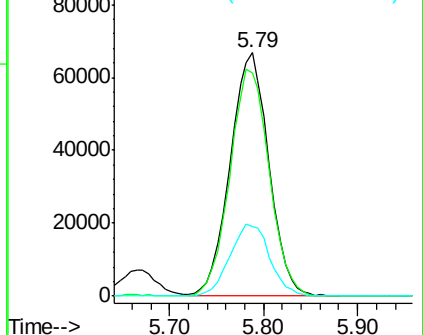


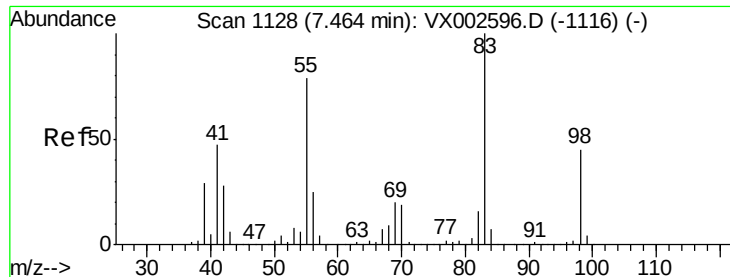
#38
Carbon Tetrachloride
Concen: 56.14 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 00:43

Tgt Ion: 117 Resp: 191048
Ion Ratio Lower Upper
117 100
119 91.4 77.4 116.0
121 28.8 24.4 36.6



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

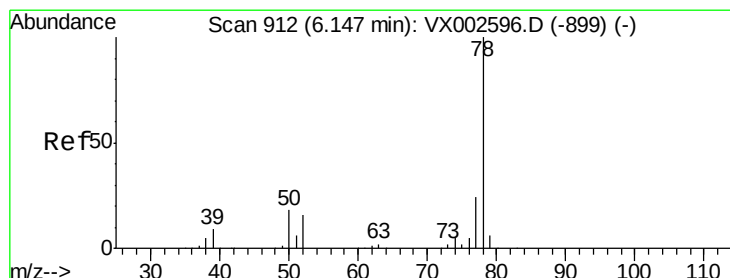
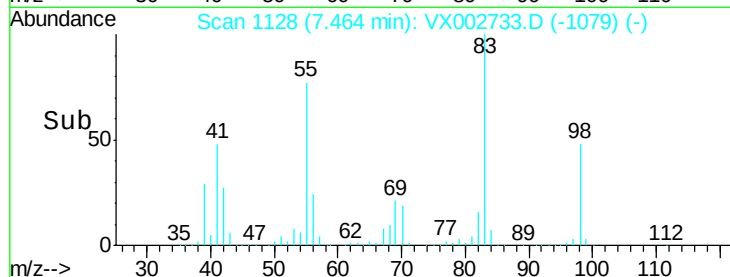
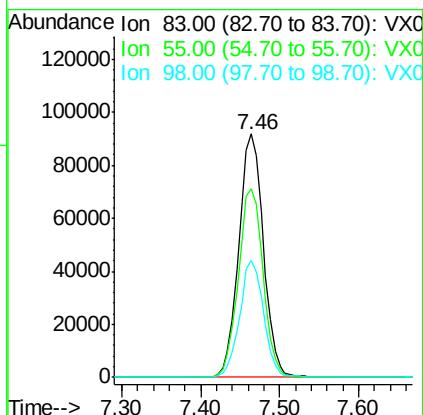
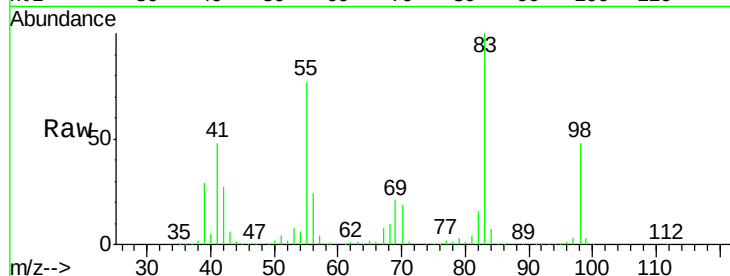




#39
Methylvlcyclohexane
Concen: 50.04 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 00:43

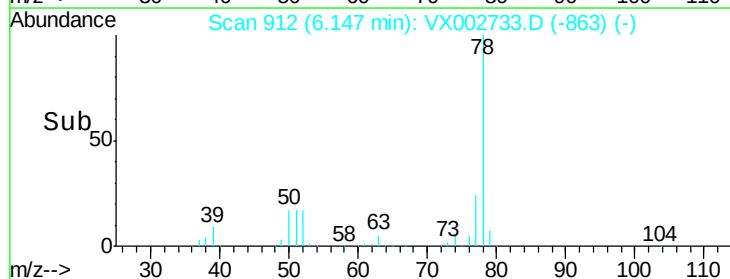
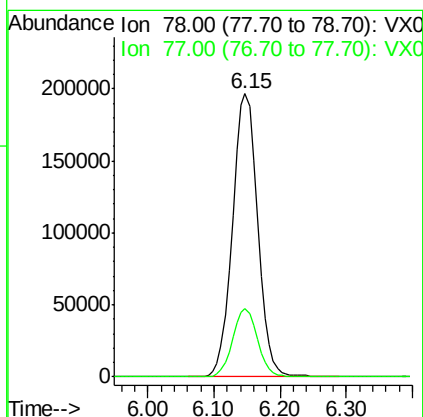
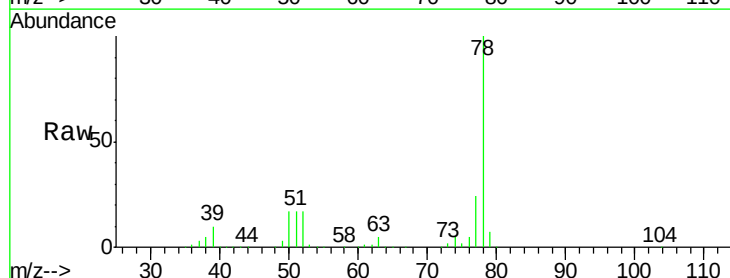
Instrument :
MSVOA_X
ClientSampleId :

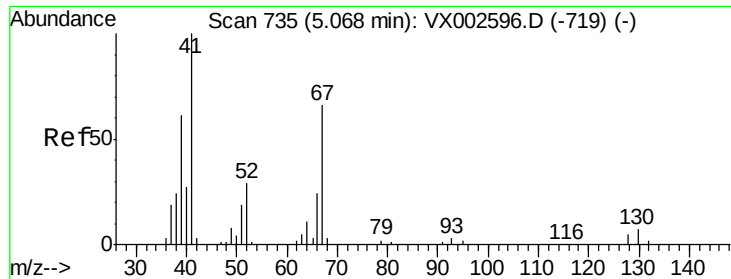
Tot Ion: 83 Resp: 199907
Ion Ratio Lower Upper
83 100
55 77.4 65.4 98.0
98 48.1 37.4 56.0



#40
Benzene
Concen: 50.72 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 00:43

Tgt Ion: 78 Resp: 519734
Ion Ratio Lower Upper
78 100
77 24.0 19.1 28.7

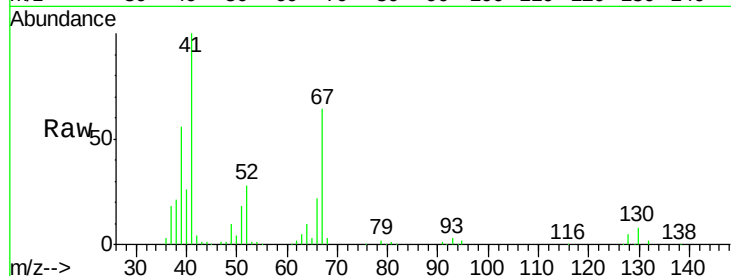




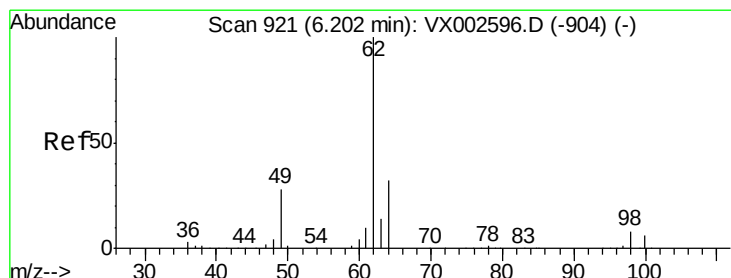
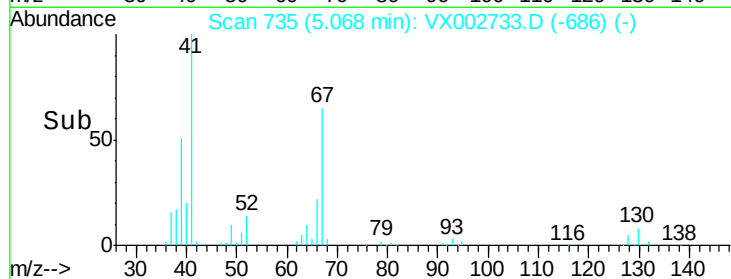
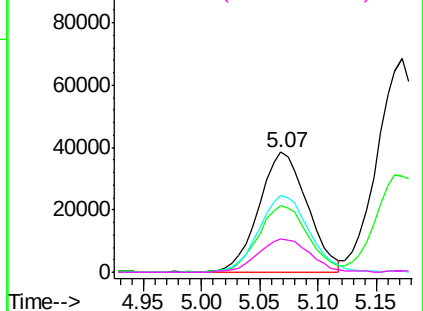
#41
Methacrylonitrile
Concen: 50.75 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	110845
Ion	Ratio	Lower	Upper
41	100		
39	56.8	45.8	68.6
67	66.6	51.3	76.9
52	29.0	23.0	34.6

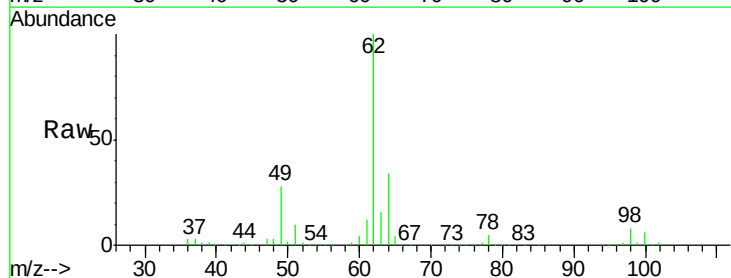


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

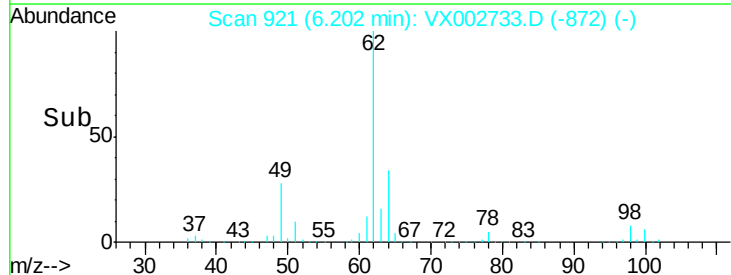
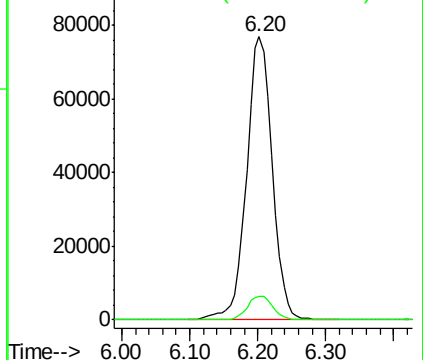


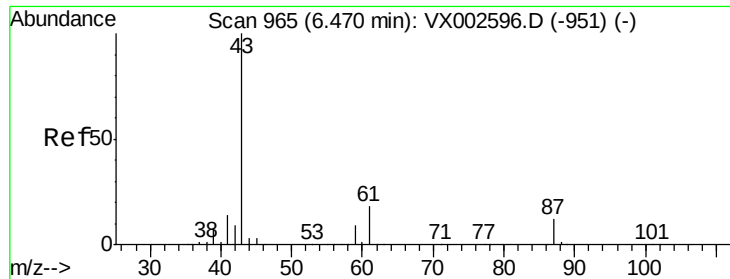
#42
1,2-Dichloroethane
Concen: 50.73 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 00:43

Tgt Ion:	62	Resp:	201253
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	16.6



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





#43

Isopropyl Acetate

Concen: 50.08 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Instrument :

MSVOA_X

ClientSampleId :

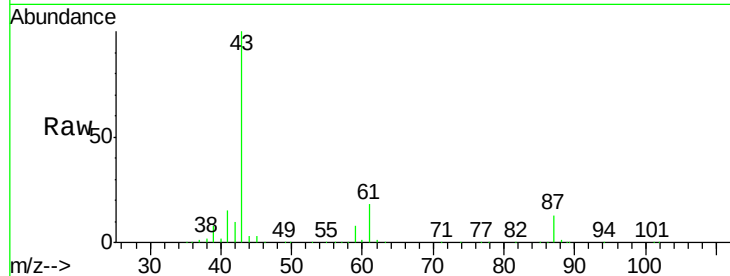
Tot Ion: 43 Resp: 320924

Ion Ratio Lower Upper

43 100

61 18.1 14.4 21.6

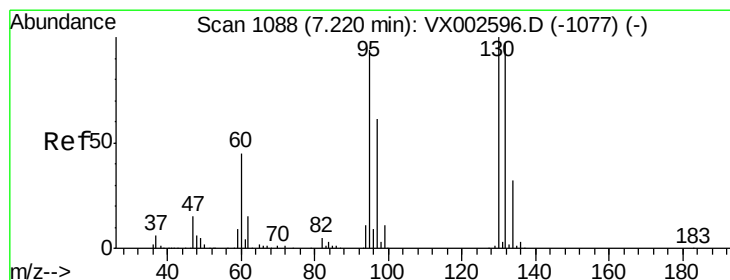
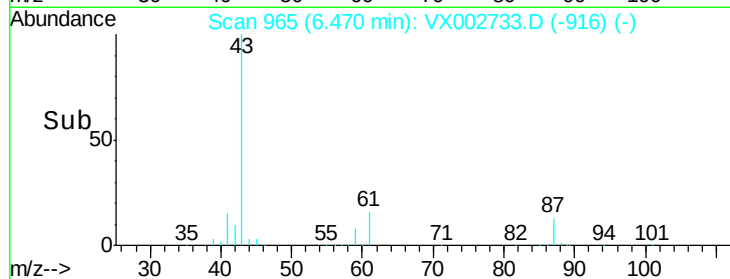
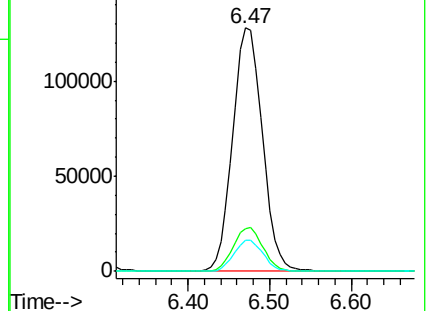
87 12.5 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 50.86 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002733.D

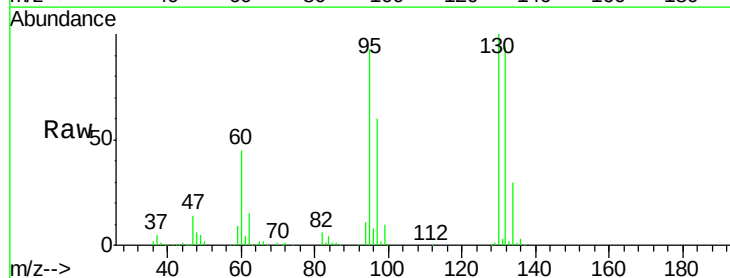
Acq: 20 Jun 2018 00:43

Tgt Ion:130 Resp: 150421

Ion Ratio Lower Upper

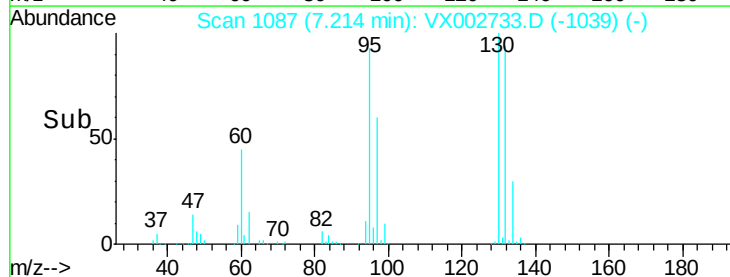
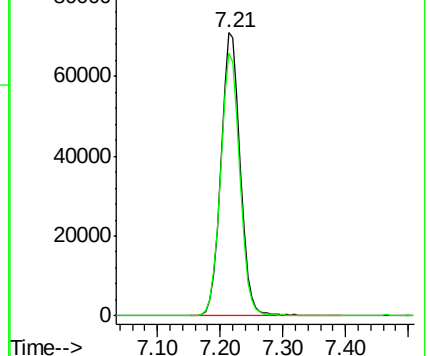
130 100

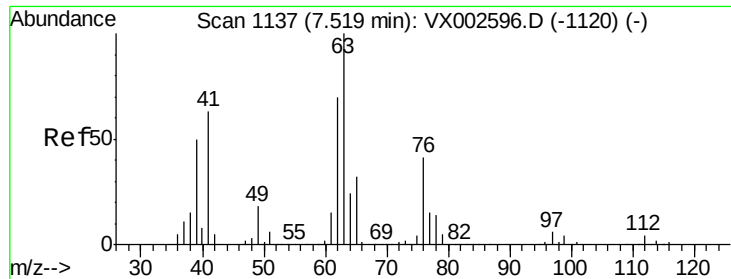
95 92.9 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

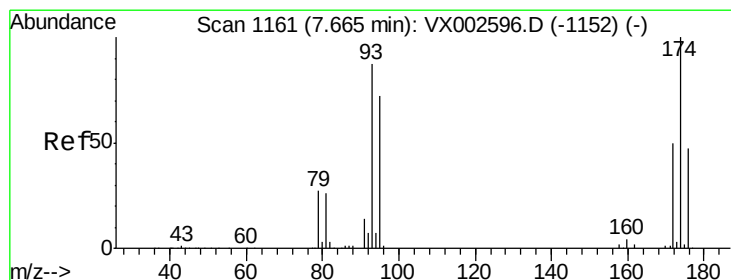
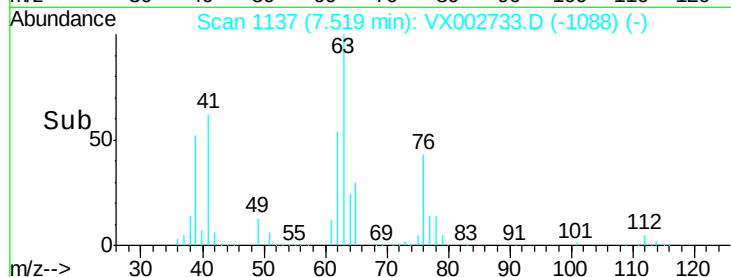
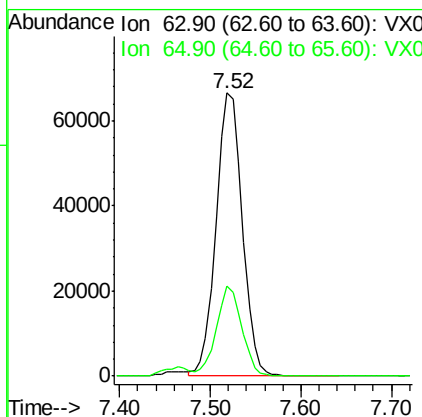
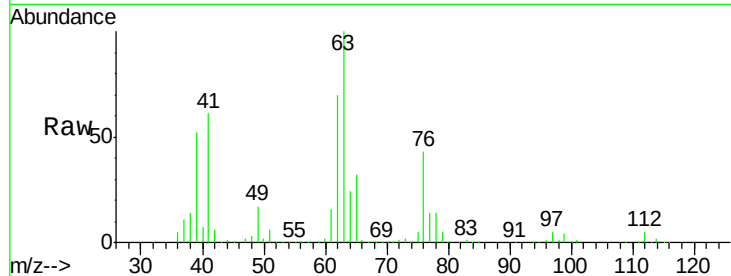




#45
 1,2-Dichloropropane
 Concen: 50.02 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 00:43

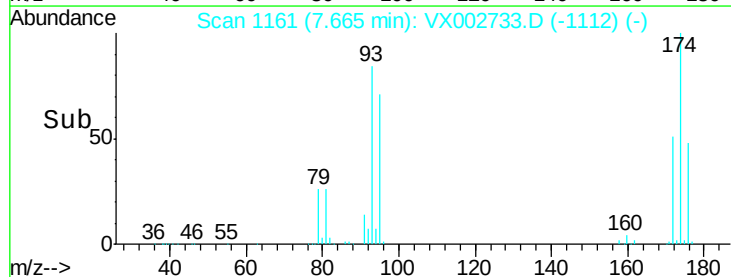
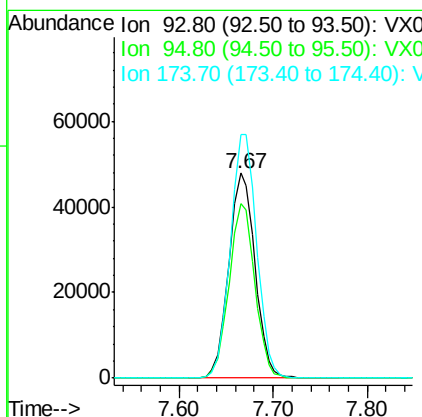
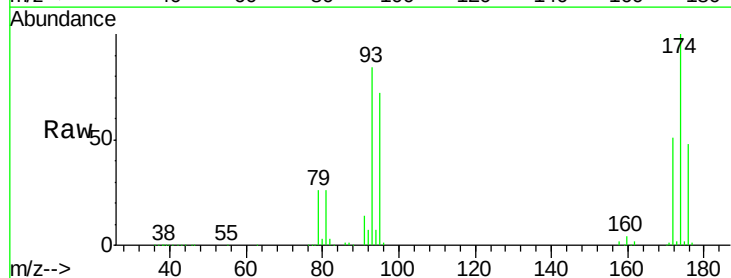
Instrument :
 MSVOA_X
 ClientSampled :

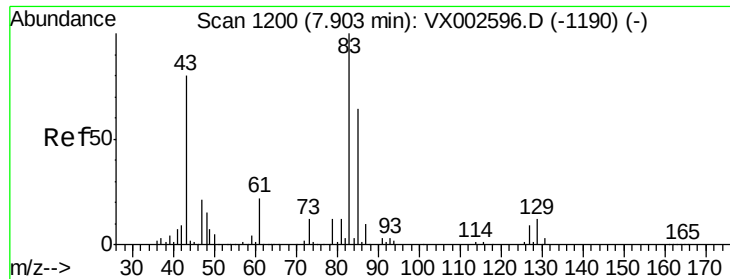
Tot Ion: 63 Resp: 134898
 Ion Ratio Lower Upper
 63 100
 65 31.8 24.7 37.1



#46
 Dibromomethane
 Concen: 51.53 ug/l
 RT: 7.67 min Scan# 1161
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 00:43

Tgt Ion: 93 Resp: 92952
 Ion Ratio Lower Upper
 93 100
 95 83.7 65.9 98.9
 174 119.5 92.4 138.6





#47

Bromodichloromethane

Concen: 55.57 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampled :

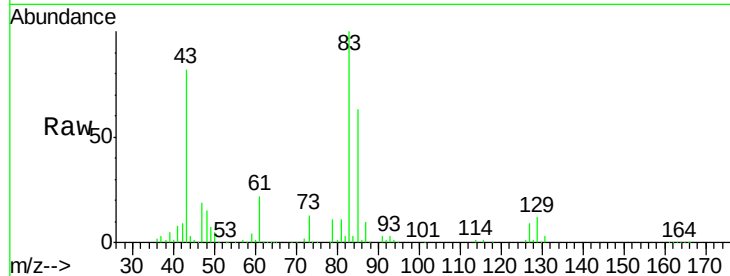
Tot Ion: 83 Resp: 176804

Ion Ratio Lower Upper

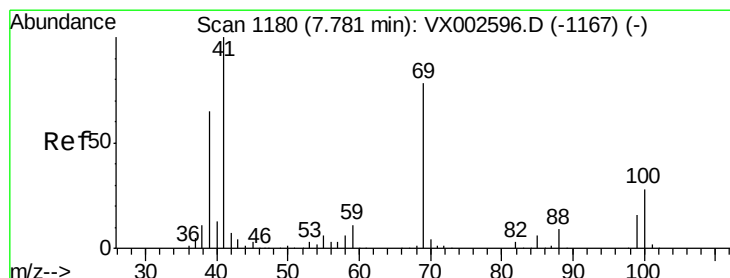
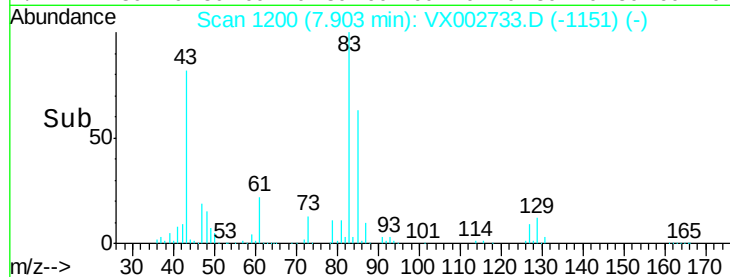
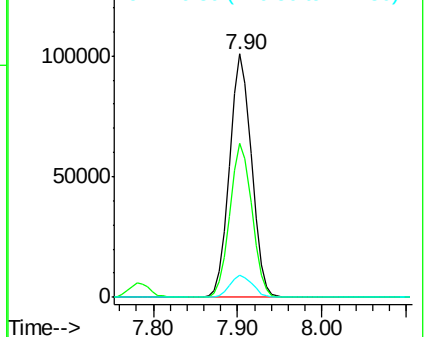
83 100

85 63.0 50.3 75.5

127 9.2 7.0 10.4



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



#48

Methyl methacrylate

Concen: 51.25 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

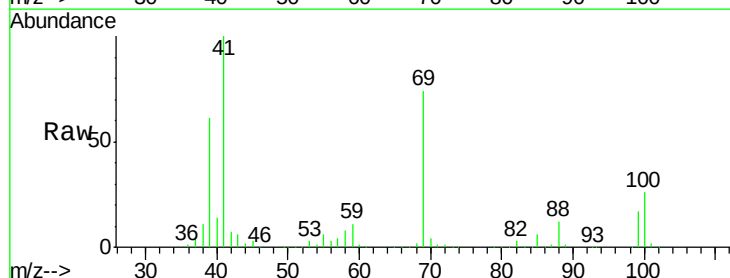
Tgt Ion: 41 Resp: 167824

Ion Ratio Lower Upper

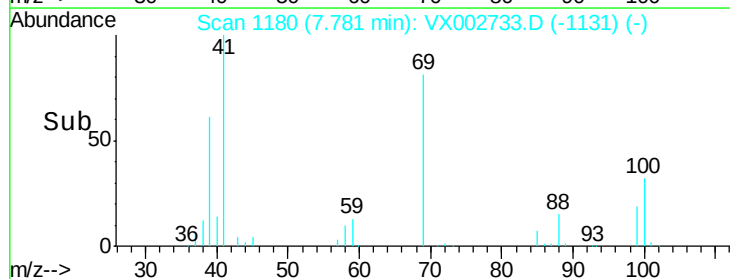
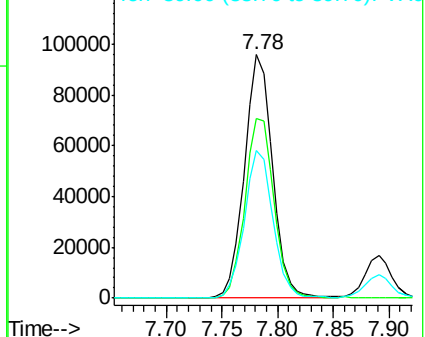
41 100

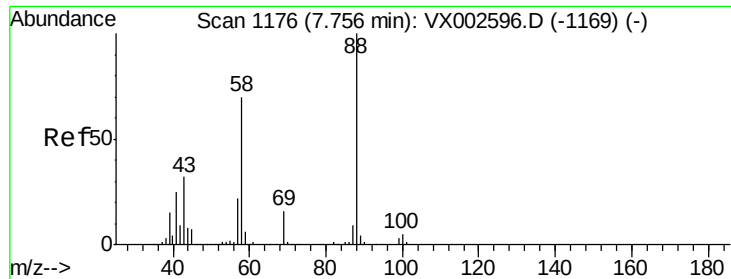
69 76.6 59.1 88.7

39 61.5 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: 1111.20 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Instrument :

MSVOA_X

ClientSampleId :

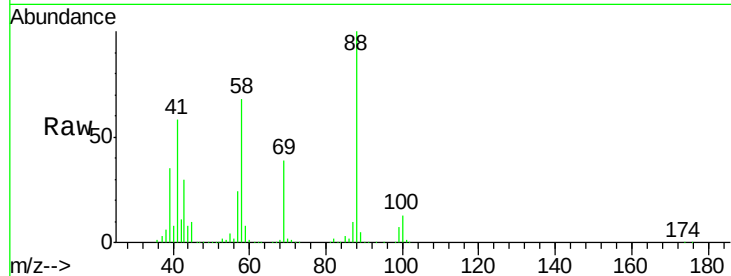
Tot Ion: 88 Resp: 68915

Ion Ratio Lower Upper

88 100

43 35.6 29.8 44.6

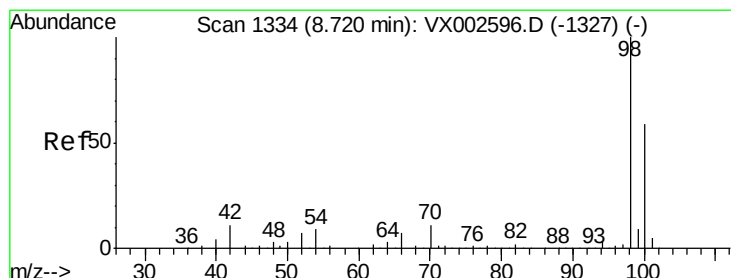
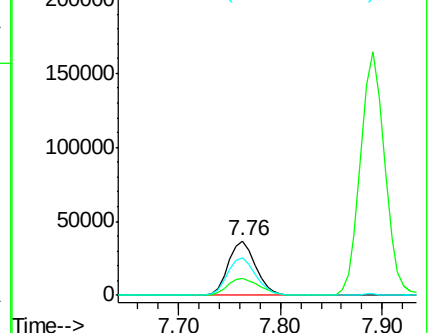
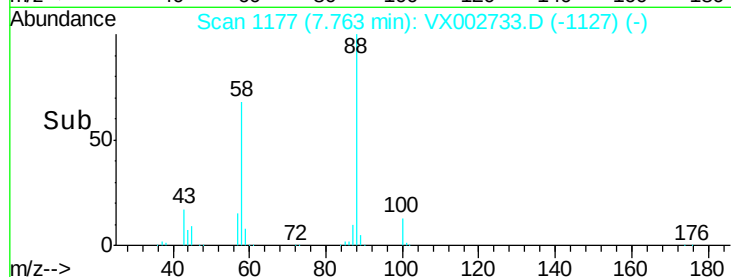
58 72.1 57.1 85.7



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#50

Toluene-d8

Concen: 45.98 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002733.D

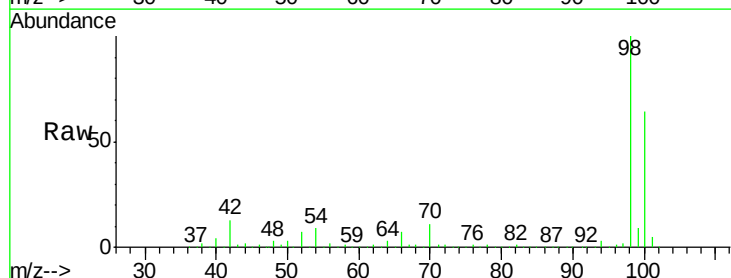
Acq: 20 Jun 2018 00:43

Tgt Ion: 98 Resp: 448341

Ion Ratio Lower Upper

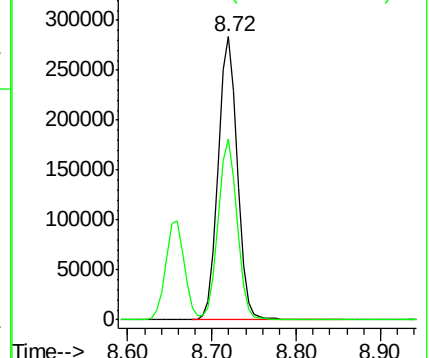
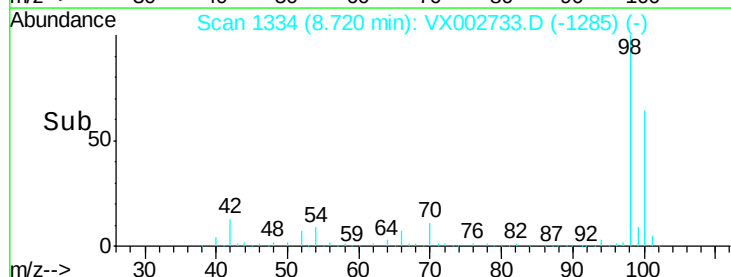
98 100

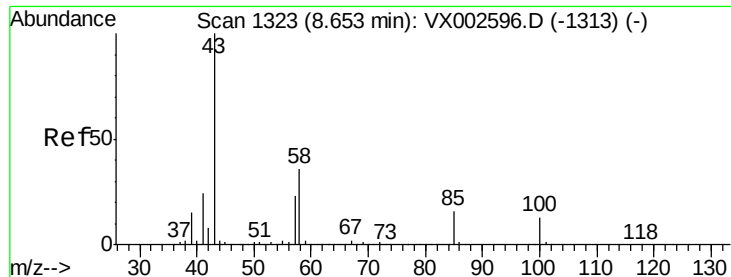
100 63.1 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#51

4-Methyl-2-Pentanone

Concen: 264.04 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

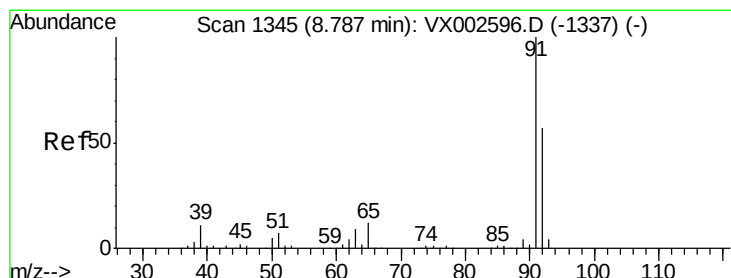
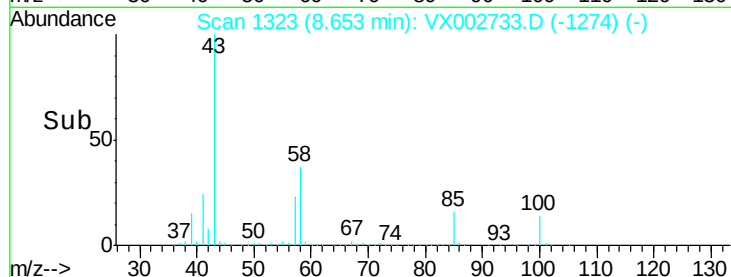
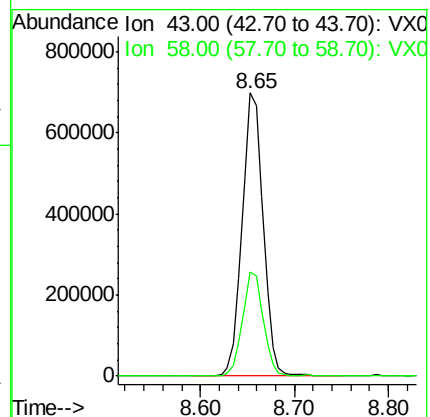
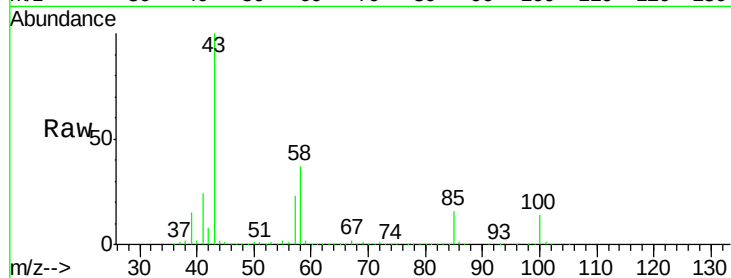
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 1086443

Ion Ratio Lower Upper

43 100

58 36.2 28.6 42.8



#52

Toluene

Concen: 51.36 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002733.D

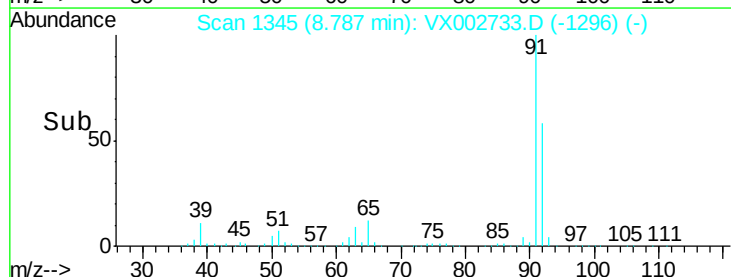
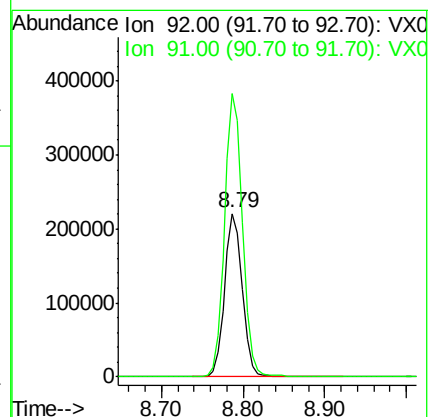
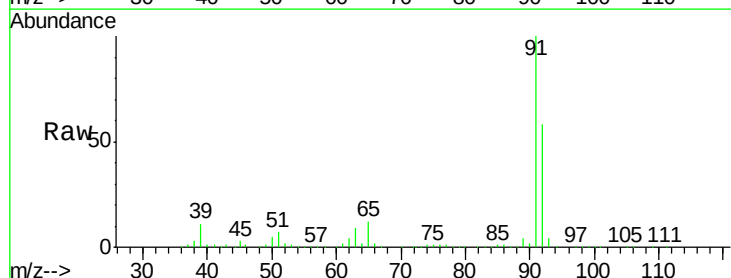
Acq: 20 Jun 2018 00:43

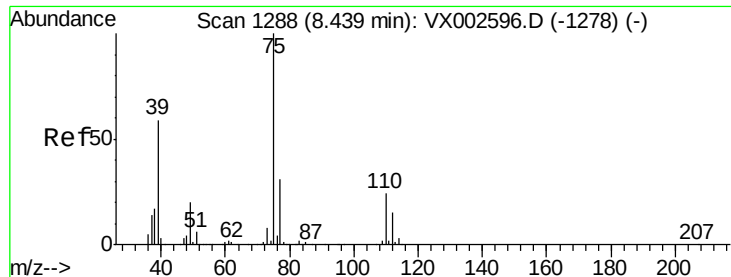
Tgt Ion: 92 Resp: 335688

Ion Ratio Lower Upper

92 100

91 175.1 140.4 210.6





#53

t-1,3-Dichloropropene

Concen: 47.30 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Instrument :

MSVOA_X

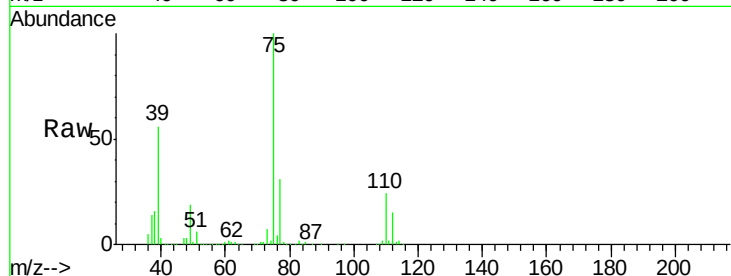
ClientSampled :

Tot Ion: 75 Resp: 198638

Ion Ratio Lower Upper

75 100

77 31.0 25.4 38.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

8.44

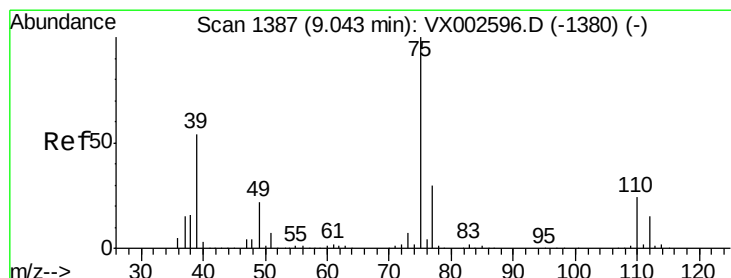
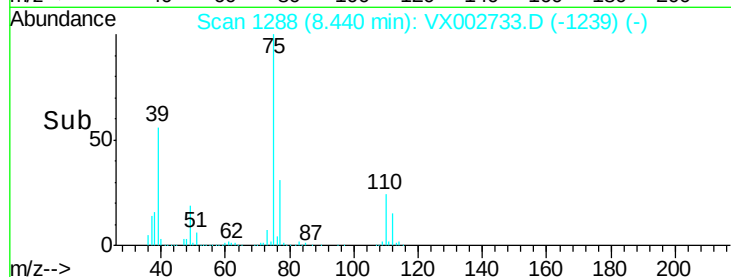
150000

100000

50000

0

Time-->



#54

cis-1,3-Dichloropropene

Concen: 45.97 ug/l

RT: 9.04 min Scan# 1387

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

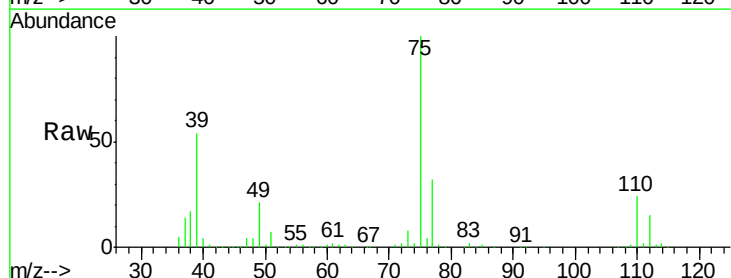
Tgt Ion: 75 Resp: 183581

Ion Ratio Lower Upper

75 100

77 31.6 24.8 37.2

39 54.1 42.4 63.6



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

9.04

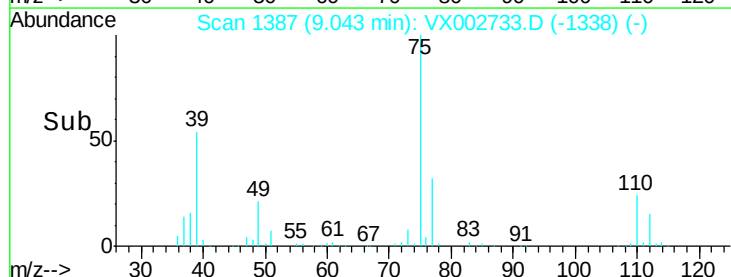
150000

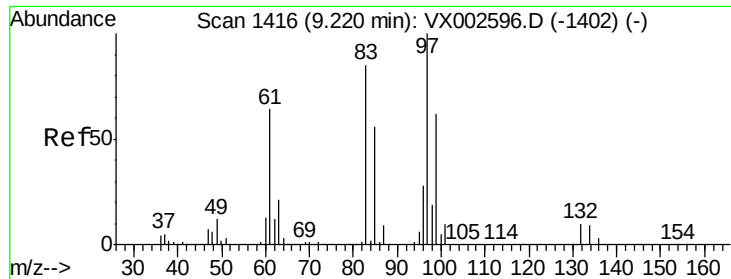
100000

50000

0

Time-->

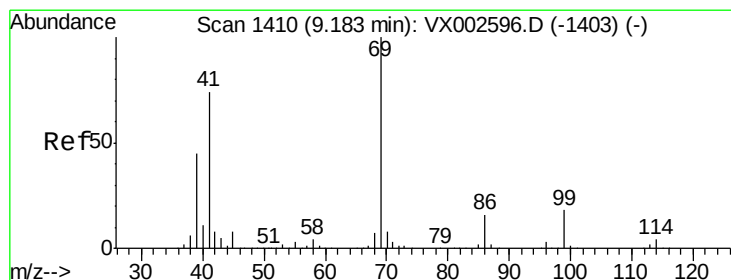
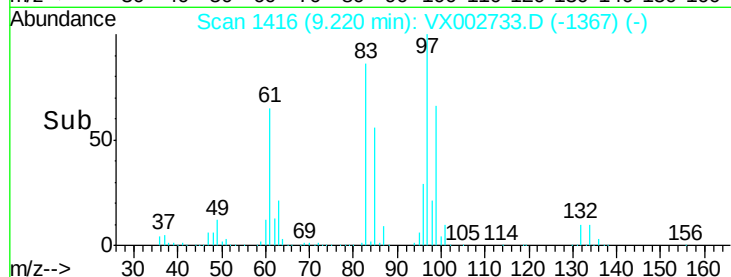
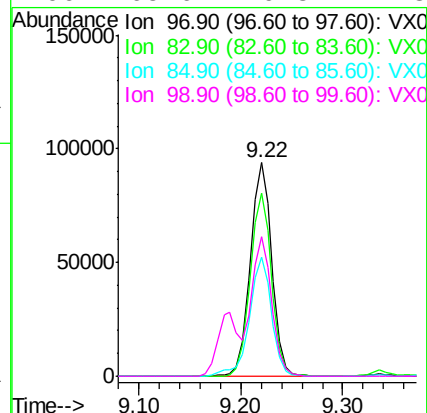
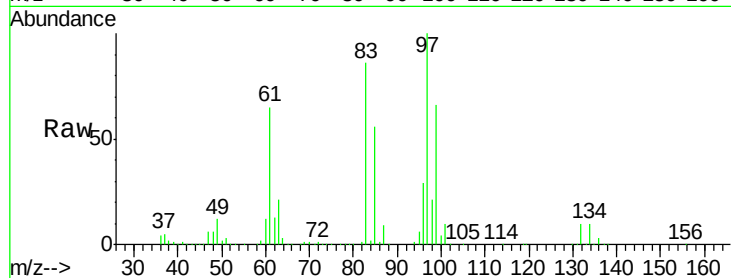




#55
 1,1,2-Trichloroethane
 Concen: 52.05 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 00:43

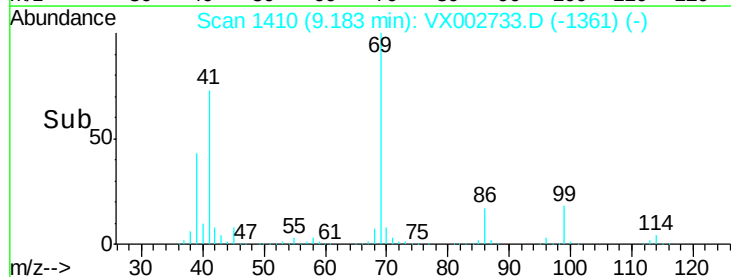
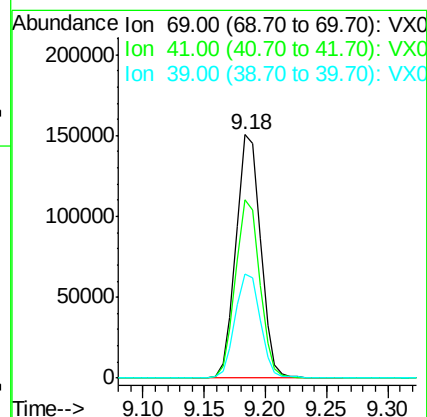
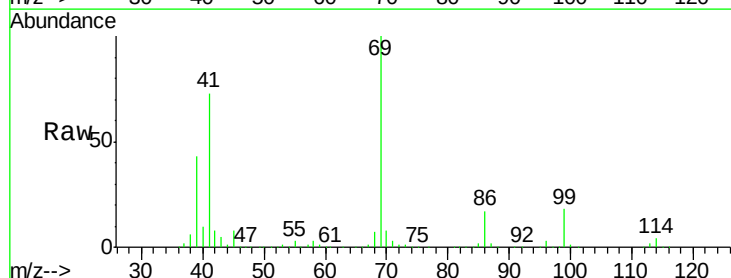
Instrument :
 MSVOA_X
 ClientSampleId :

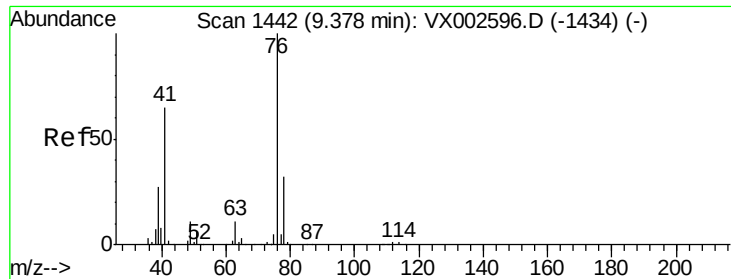
Tot Ion:	97	Resp:	137482
Ion	Ratio	Lower	Upper
97	100		
83	85.6	70.2	105.2
85	55.7	44.9	67.3
99	65.6	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 51.46 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 00:43

Tgt Ion:	69	Resp:	209185
Ion	Ratio	Lower	Upper
69	100		
41	72.1	60.3	90.5
39	44.0	35.8	53.8

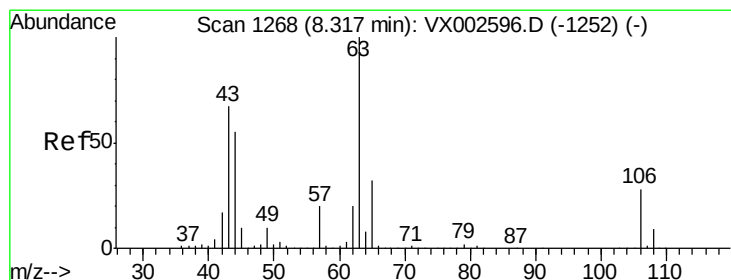
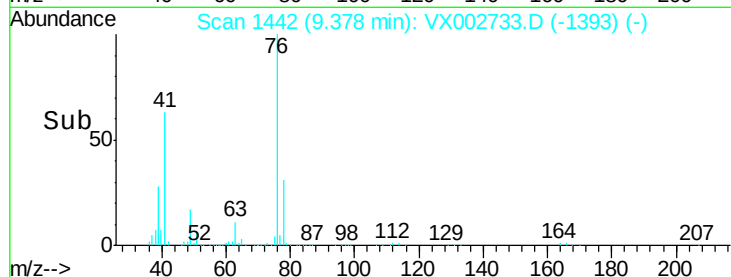
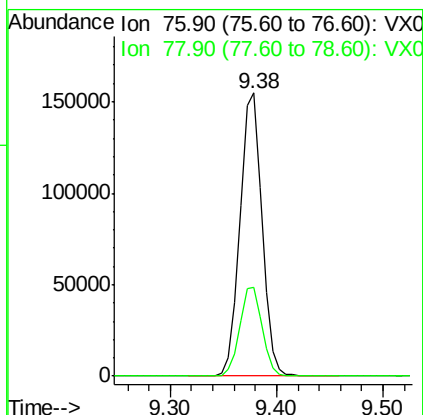
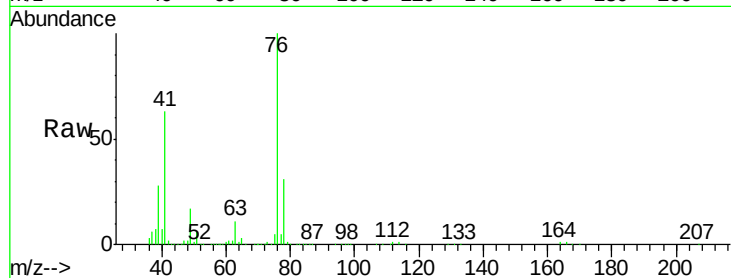




#57
 1,3-Dichloropropane
 Concen: 50.49 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 00:43

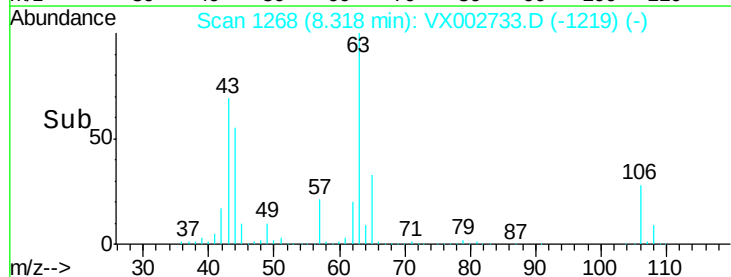
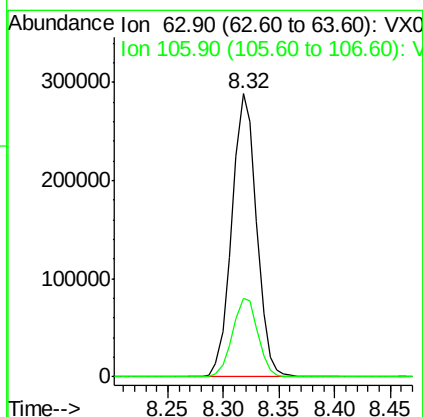
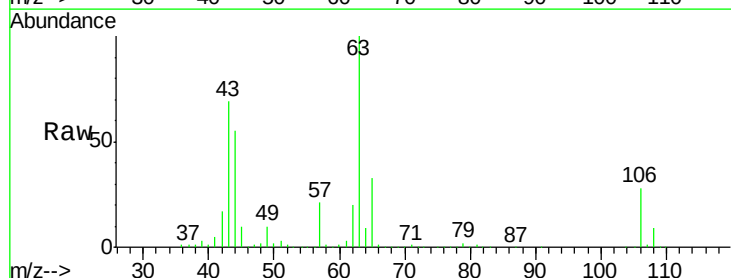
Instrument :
 MSVOA_X
 ClientSampleId :

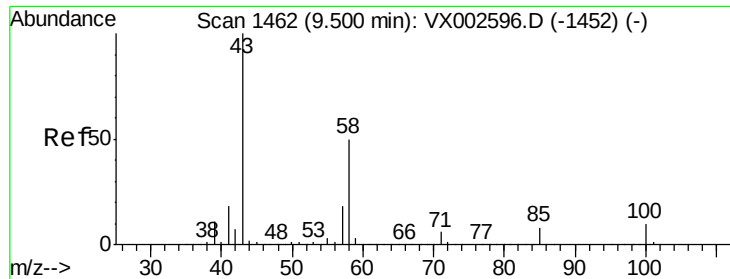
Tot Ion: 76 Resp: 225560
 Ion Ratio Lower Upper
 76 100
 78 32.1 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 225.86 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 00:43

Tgt Ion: 63 Resp: 444032
 Ion Ratio Lower Upper
 63 100
 106 28.6 21.8 32.8

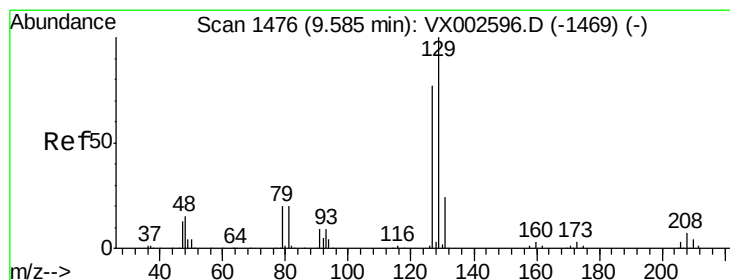
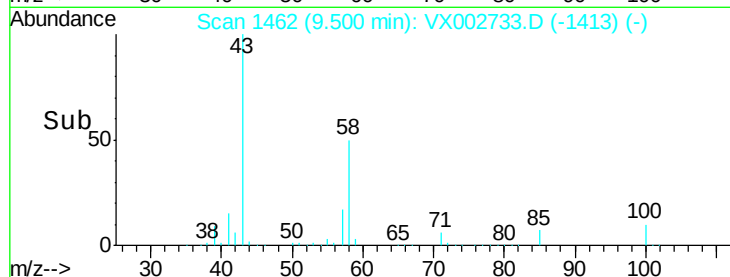
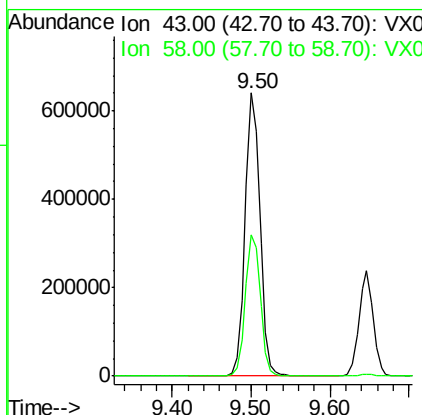
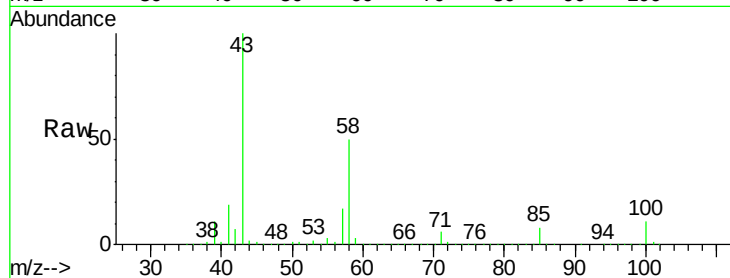




#59
2-Hexanone
Concen: 271.09 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 00:43

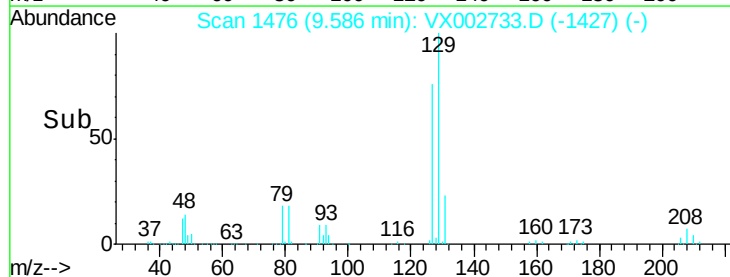
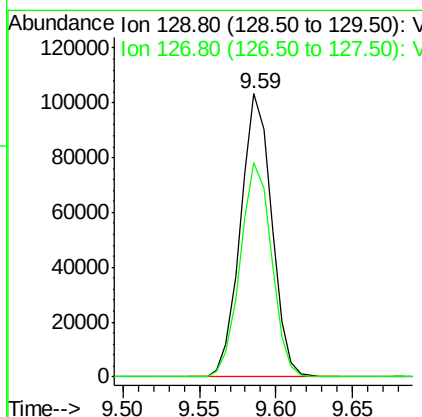
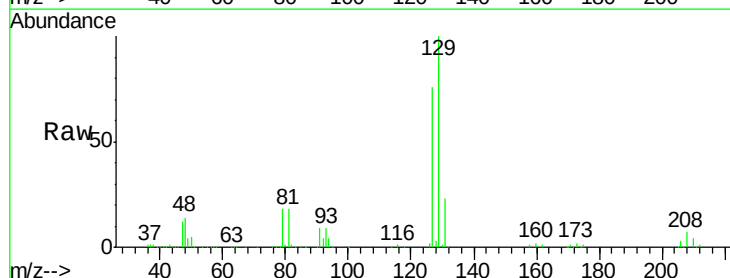
Instrument :
MSVOA_X
ClientSampleId :

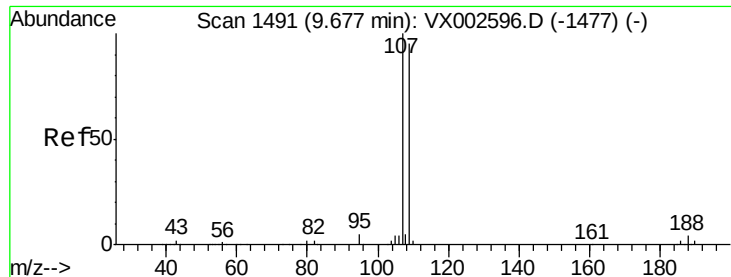
Tot Ion: 43 Resp: 840557
Ion Ratio Lower Upper
43 100
58 50.5 24.6 73.6



#60
Dibromochloromethane
Concen: 49.32 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 00:43

Tgt Ion:129 Resp: 146357
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 53.73 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Instrument :

MSVOA_X

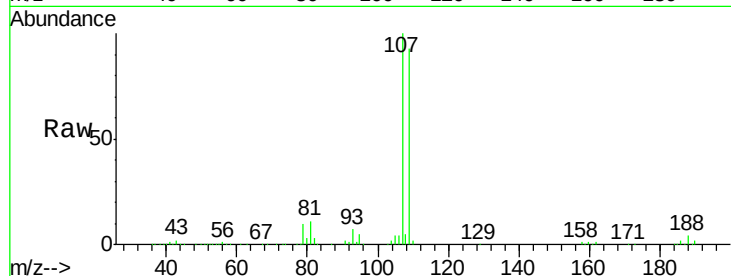
ClientSampleId :

Tot Ion:107 Resp: 146982

Ion Ratio Lower Upper

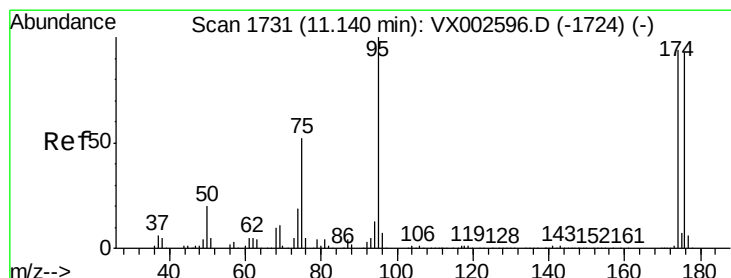
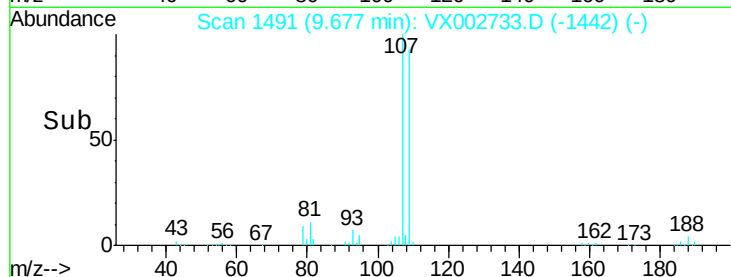
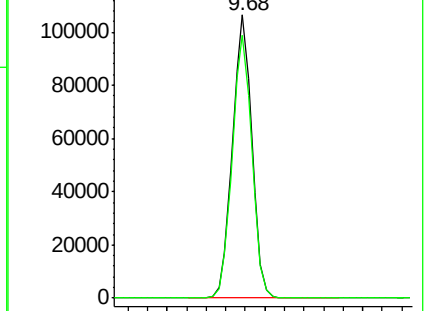
107 100

109 94.1 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: 47.08 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

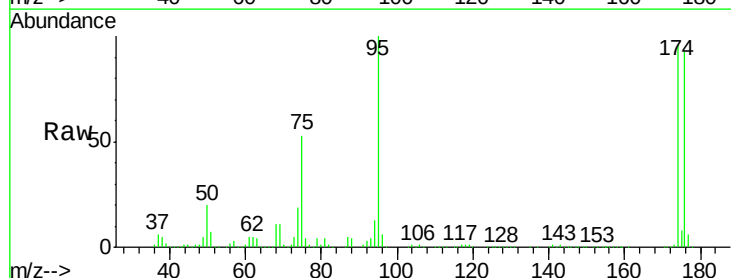
Tgt Ion: 95 Resp: 173959

Ion Ratio Lower Upper

95 100

174 97.3 0.0 187.4

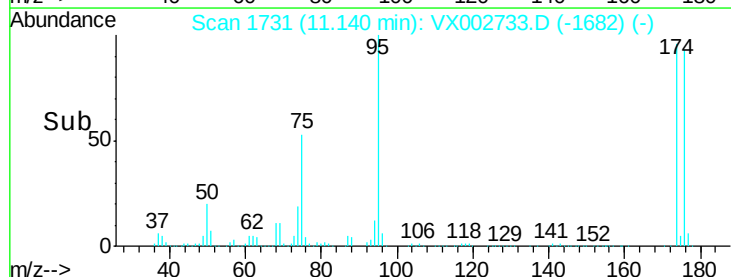
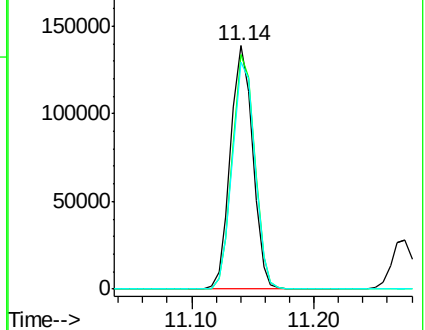
176 94.9 0.0 181.0

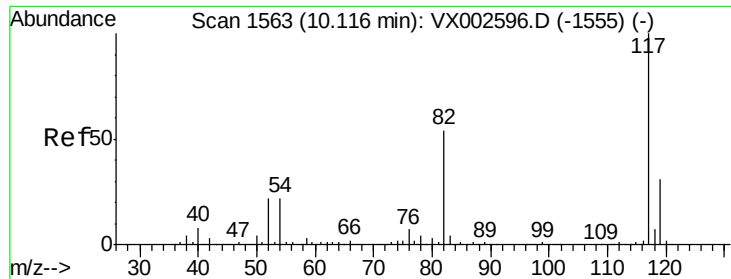


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

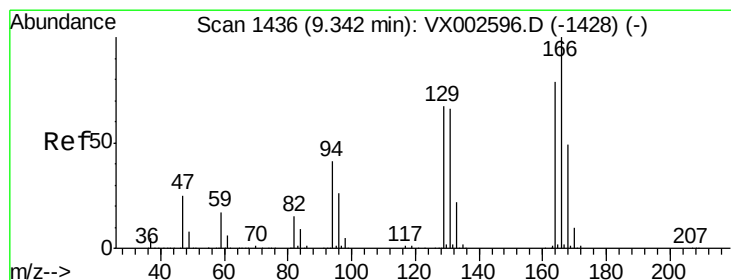
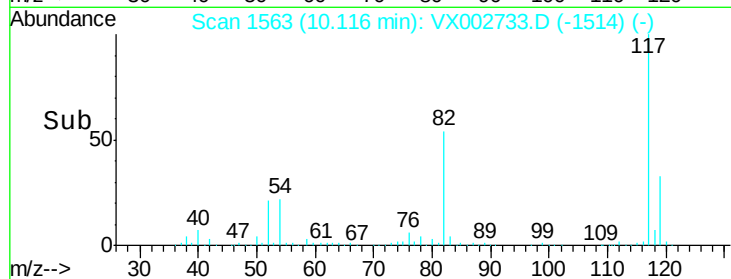
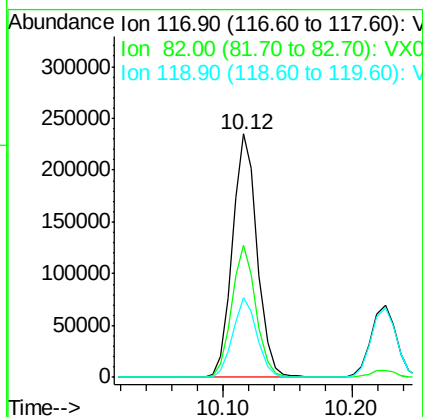
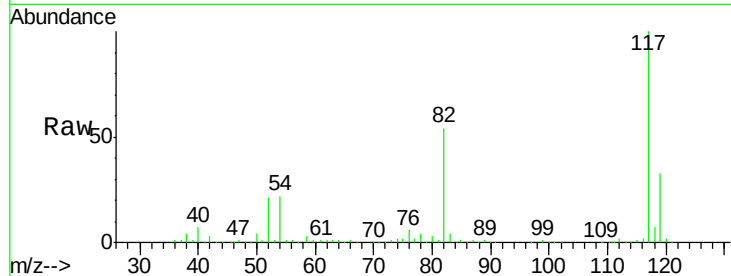




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 00:43

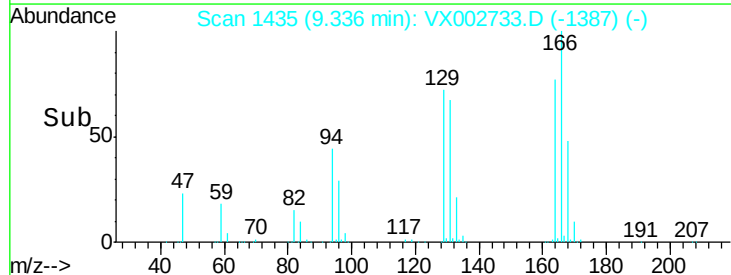
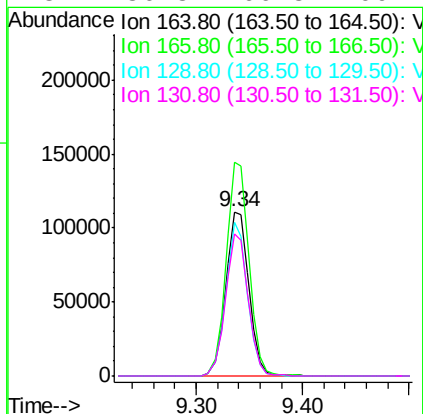
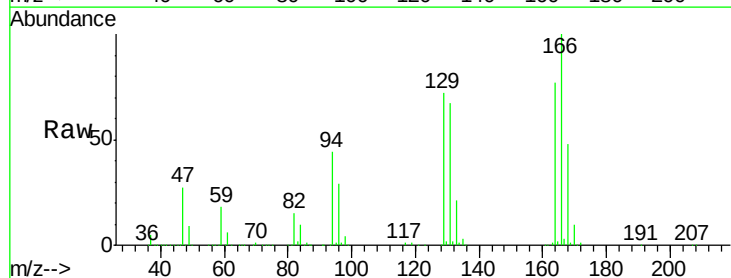
Instrument :
MSVOA_X
ClientSampleId :

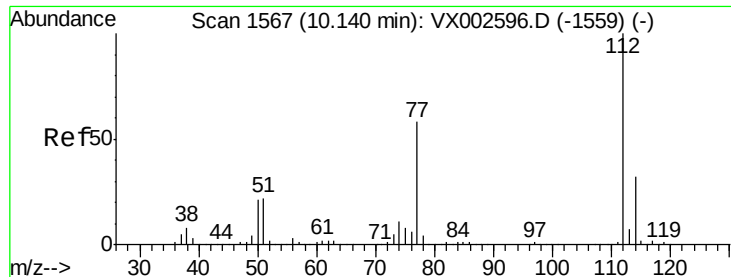
Tot Ion:117 Resp: 313879
Ion Ratio Lower Upper
117 100
82 54.2 45.0 67.4
119 32.5 25.8 38.6



#64
Tetrachloroethene
Concen: 48.30 ug/l
RT: 9.34 min Scan# 1435
Delta R.T. -0.01 min
Lab File: VX002733.D
Acq: 20 Jun 2018 00:43

Tgt Ion:164 Resp: 168294
Ion Ratio Lower Upper
164 100
166 129.9 102.9 154.3
129 93.3 68.6 102.8
131 86.8 66.8 100.2

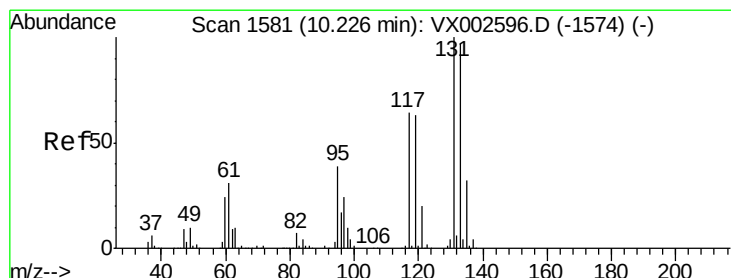
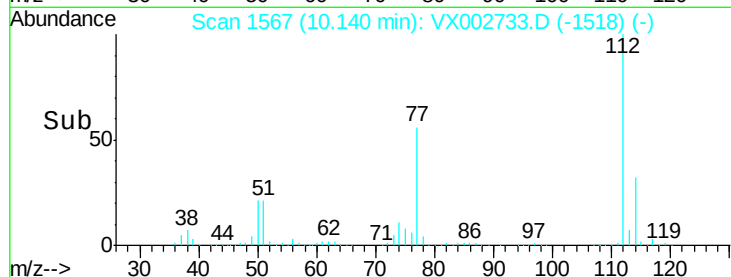
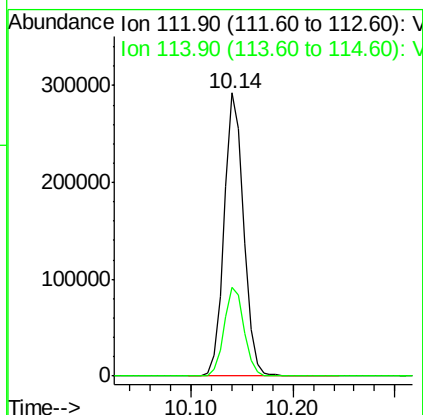
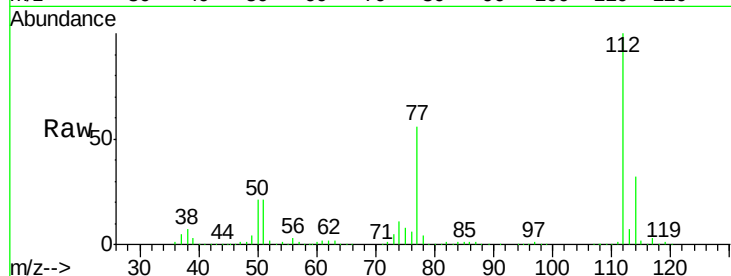




#65
Chlorobenzene
Concen: 50.24 ug/l
RT: 10.14 min Scan# 1567
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 00:43

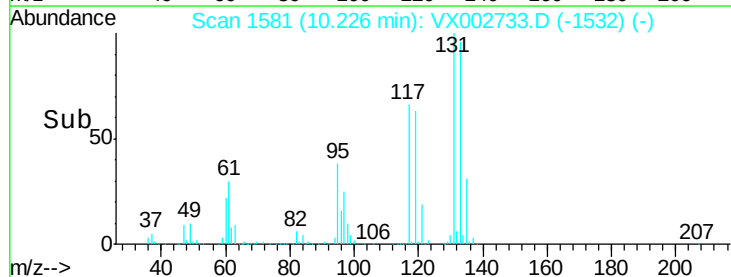
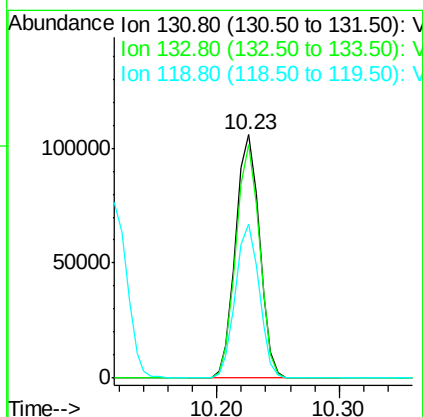
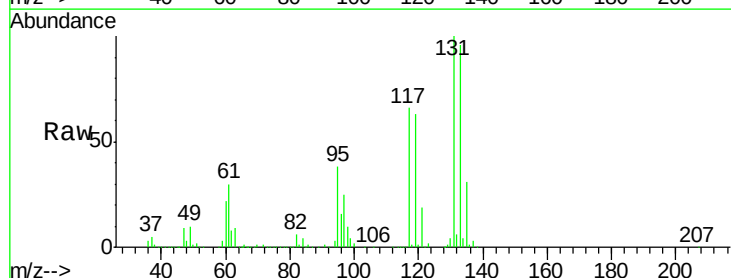
Instrument :
MSVOA_X
ClientSampleId :

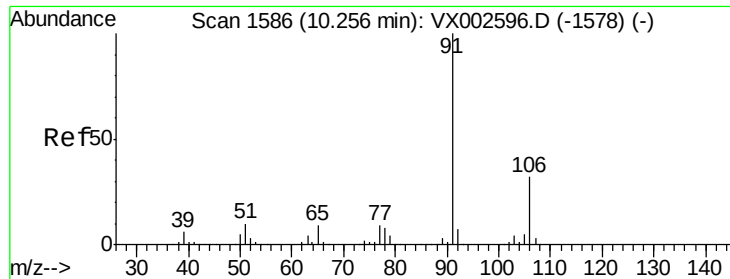
Tot Ion:112 Resp: 387296
Ion Ratio Lower Upper
112 100
114 31.6 25.3 37.9



#66
1,1,1,2-Tetrachloroethane
Concen: 54.50 ug/l
RT: 10.23 min Scan# 1581
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 00:43

Tgt Ion:131 Resp: 143221
Ion Ratio Lower Upper
131 100
133 94.6 47.9 143.6
119 63.0 31.8 95.3

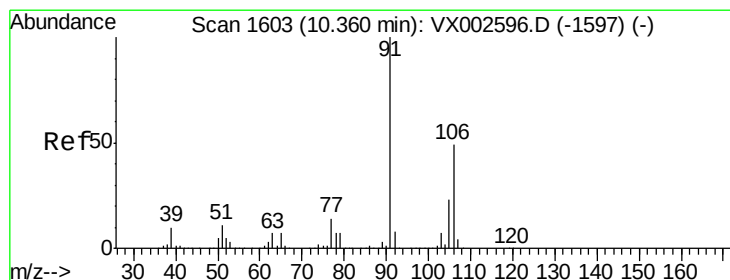
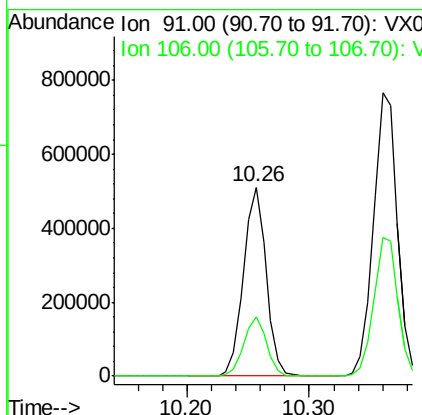
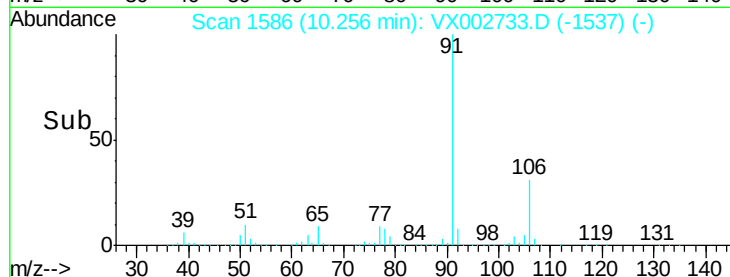
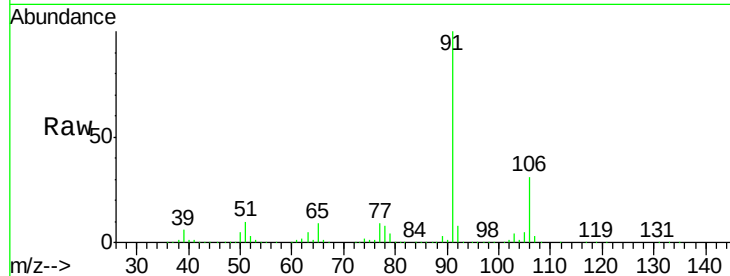




#67
Ethyl Benzene
Concen: 50.46 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 00:43

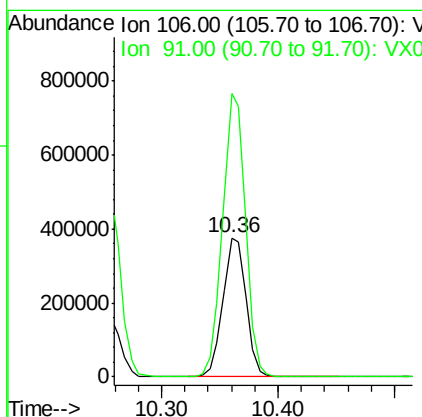
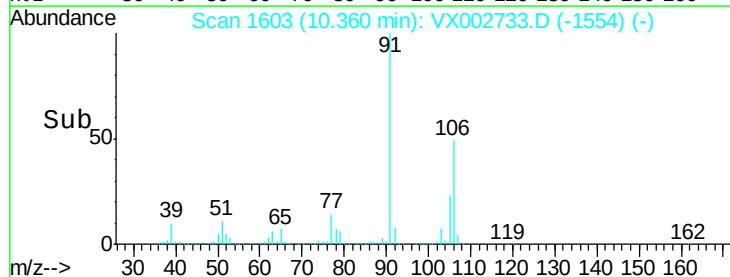
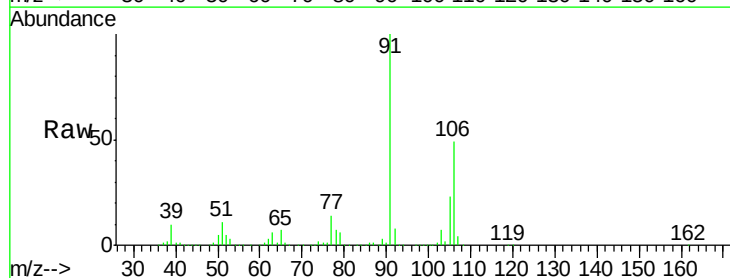
Instrument :
MSVOA_X
ClientSampled :

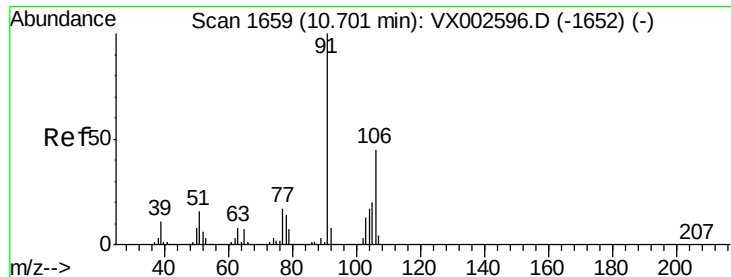
Tot Ion: 91 Resp: 656005
Ion Ratio Lower Upper
91 100
106 31.4 25.5 38.3



#68
m/p-Xylenes
Concen: 102.56 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 00:43

Tgt Ion: 106 Resp: 514353
Ion Ratio Lower Upper
106 100
91 202.8 163.4 245.2

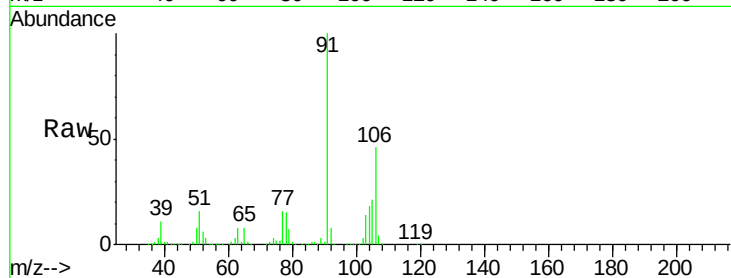




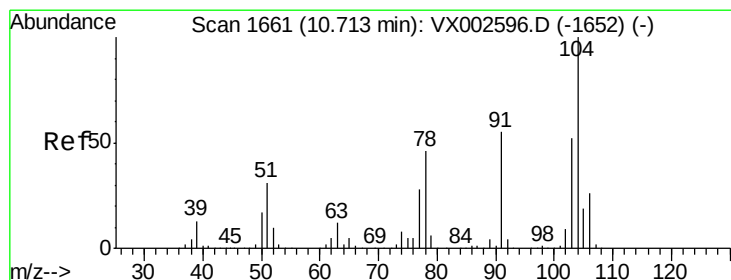
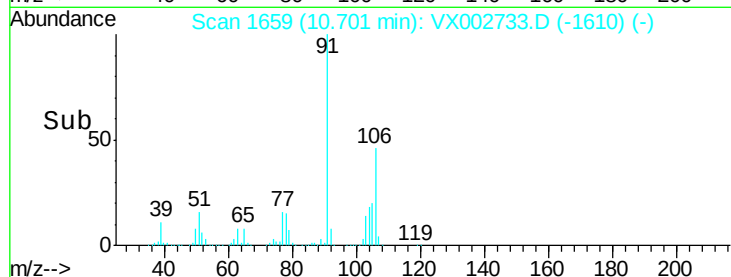
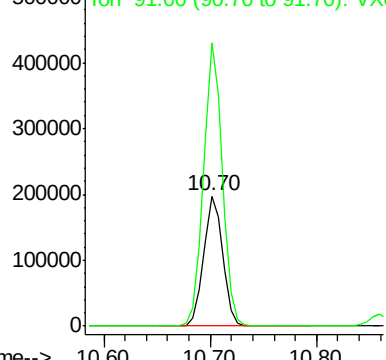
#69
o-Xylene
Concen: 50.58 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:106 Resp: 249233
Ion Ratio Lower Upper
106 100
91 214.1 108.2 324.6

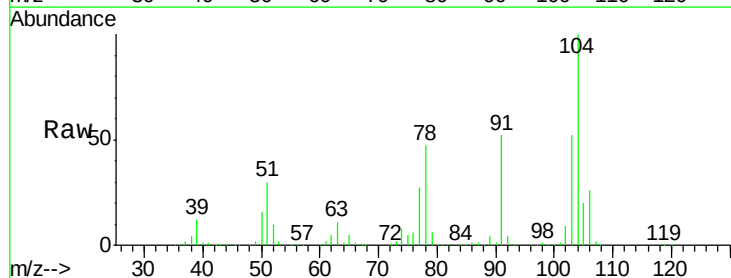


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

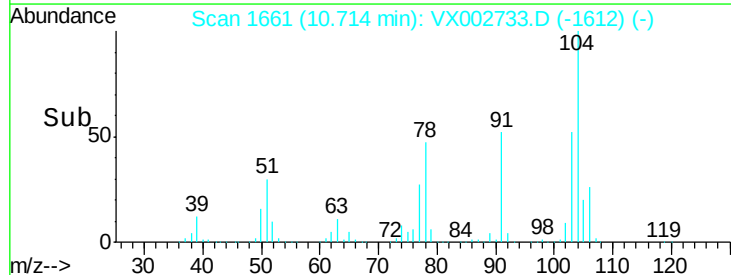
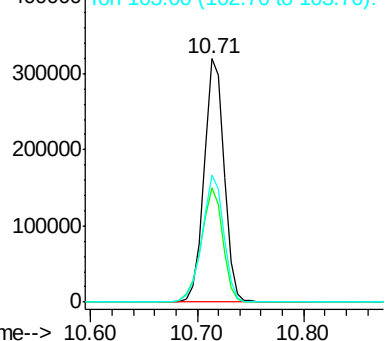


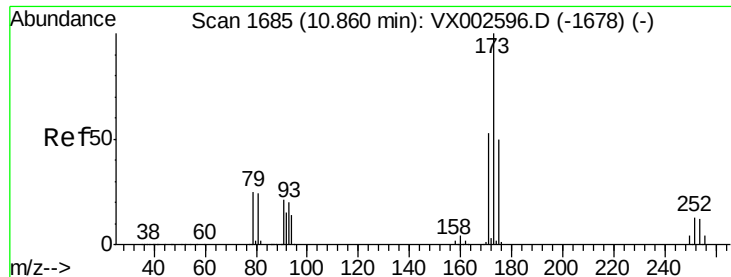
#70
Styrene
Concen: 52.22 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 00:43

Tgt Ion:104 Resp: 423173
Ion Ratio Lower Upper
104 100
78 50.6 41.0 61.6
103 56.1 44.2 66.4



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

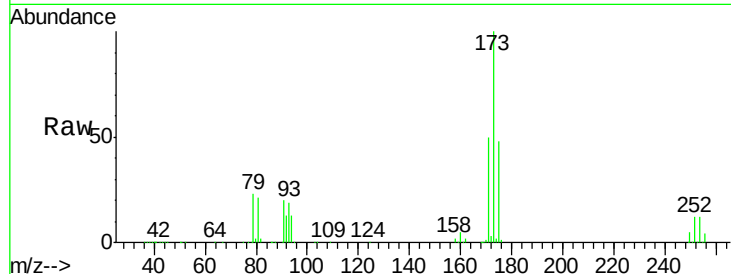




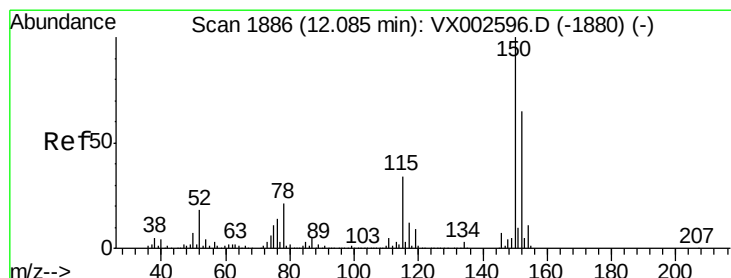
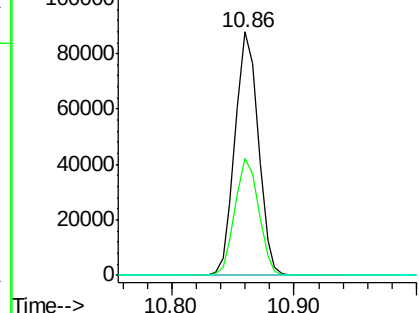
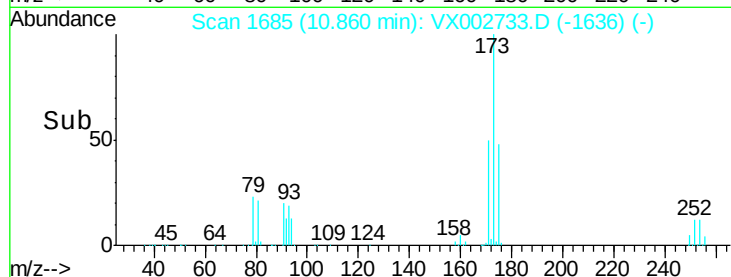
#71
Bromoform
Concen: 48.40 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:173 Resp: 115384
Ion Ratio Lower Upper
173 100
175 48.6 24.7 74.1
254 0.2 0.2 0.2

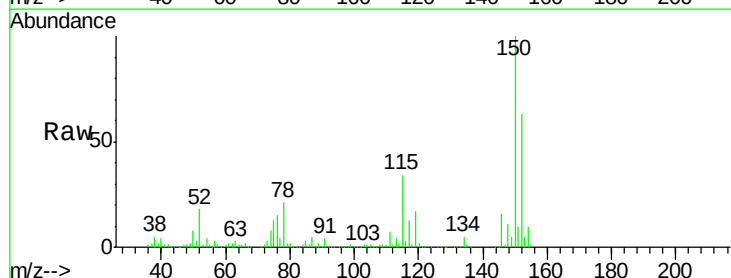


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

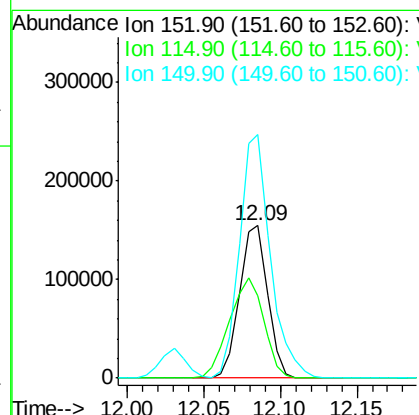
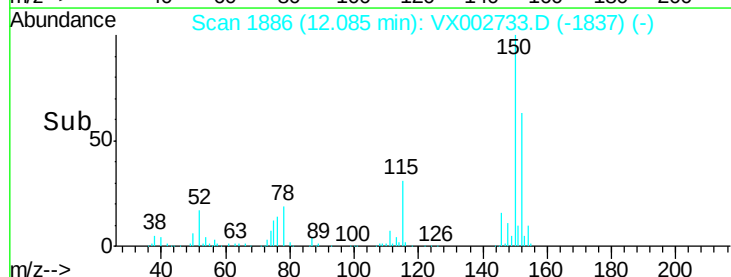


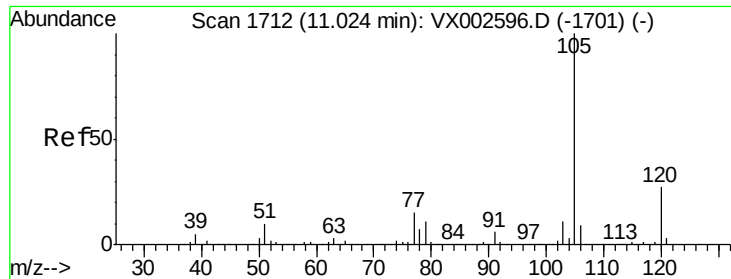
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 00:43

Tgt Ion:152 Resp: 196613
Ion Ratio Lower Upper
152 100
115 80.2 40.1 120.2
150 175.7 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: 51.13 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Instrument :

MSVOA_X

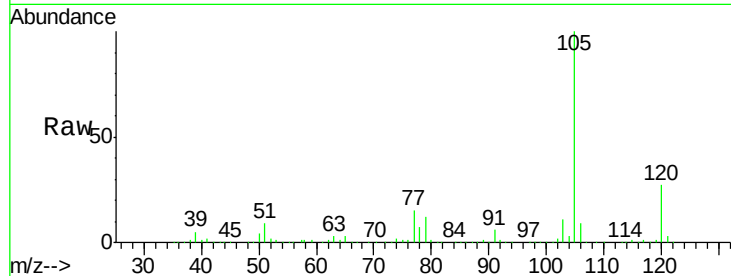
ClientSampleId :

Tot Ion:105 Resp: 672328

Ion Ratio Lower Upper

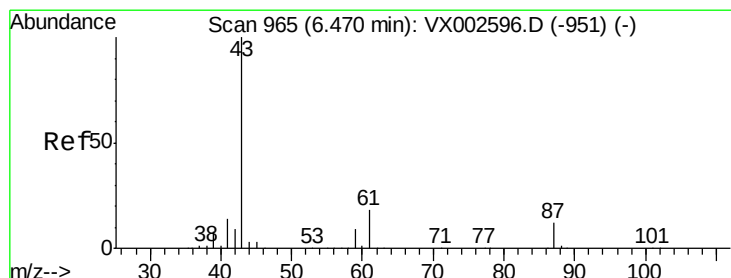
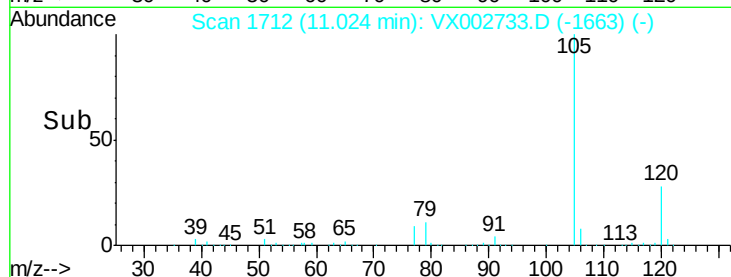
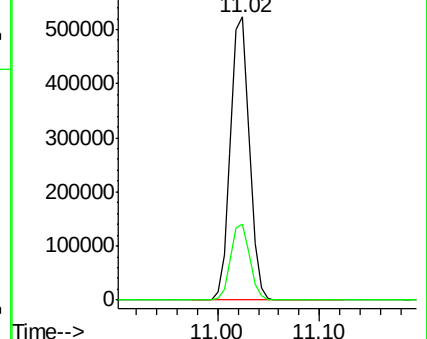
105 100

120 27.0 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 49.12 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Tgt Ion: 43 Resp: 320924

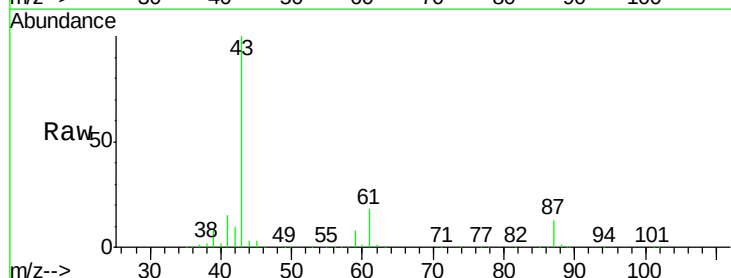
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.0 0.0#

61 18.1 14.4 21.6

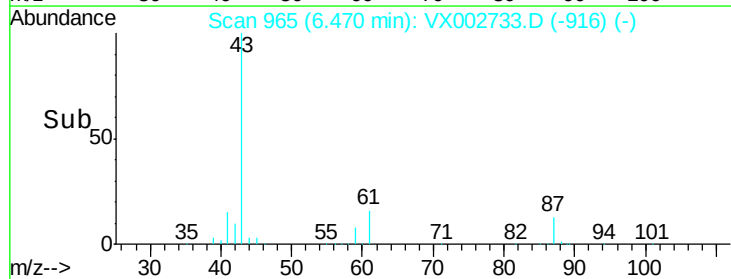
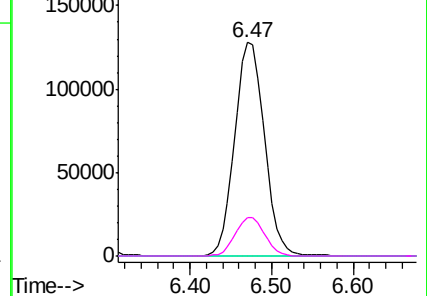


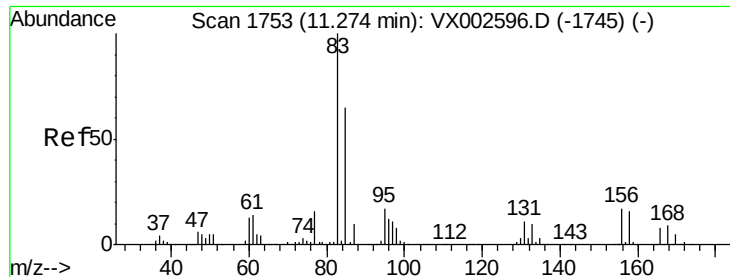
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 54.03 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Instrument :

MSVOA_X

ClientSampleId :

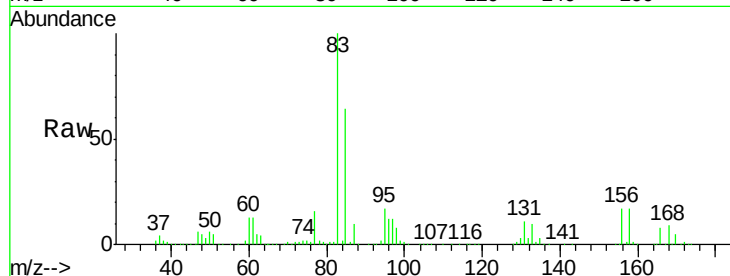
Tot Ion: 83 Resp: 209830

Ion	Ratio	Lower	Upper
83	100		
131	11.1	5.6	16.8
85	64.6	32.4	97.2

83 100

131 11.1 5.6 16.8

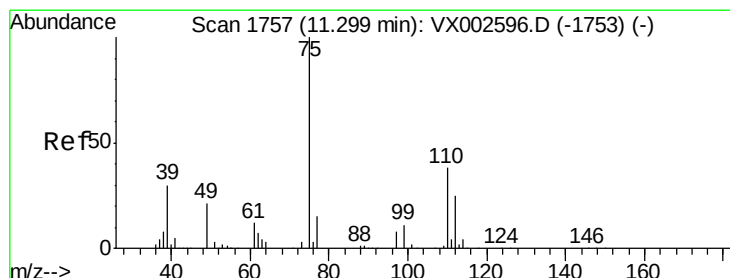
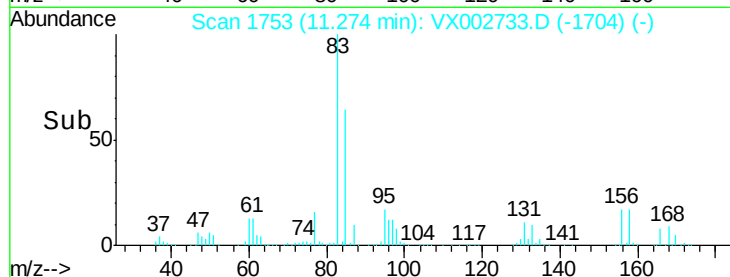
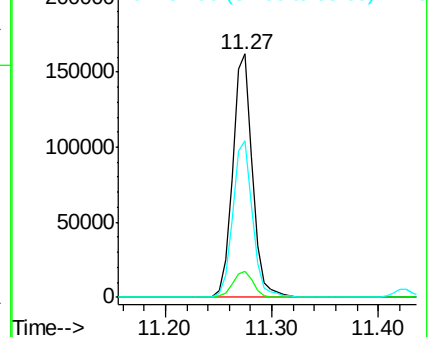
85 64.6 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 64.65 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002733.D

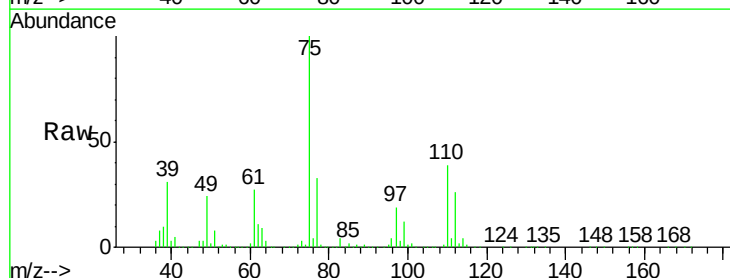
Acq: 20 Jun 2018 00:43

Tgt Ion: 75 Resp: 239848

Ion	Ratio	Lower	Upper
75	100		
77	32.3	22.8	68.3

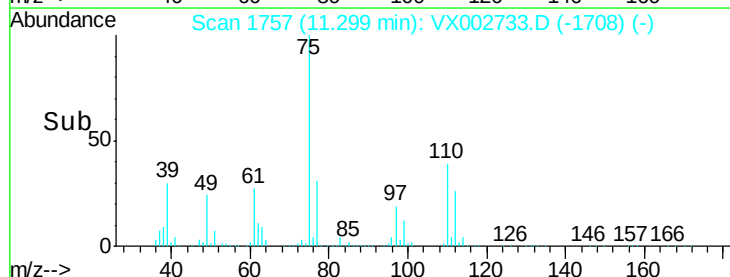
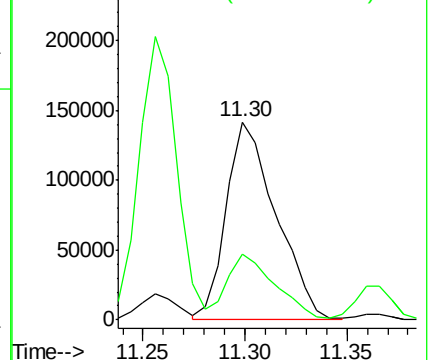
75 100

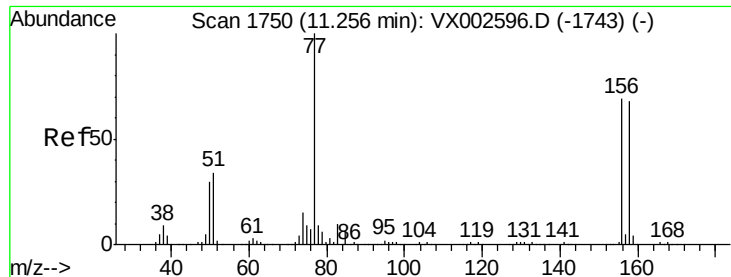
77 32.3 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 52.16 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Instrument :

MSVOA_X

ClientSampleId :

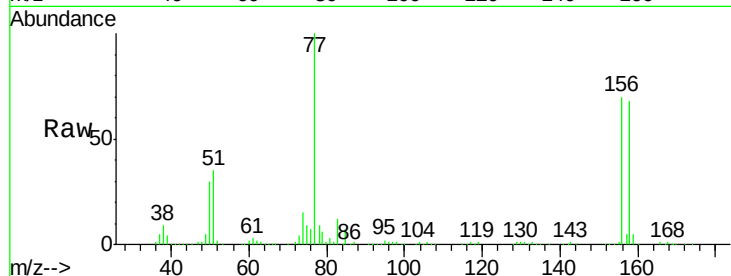
Tot Ion:156 Resp: 191076

Ion Ratio Lower Upper

156 100

77 135.6 71.4 214.2

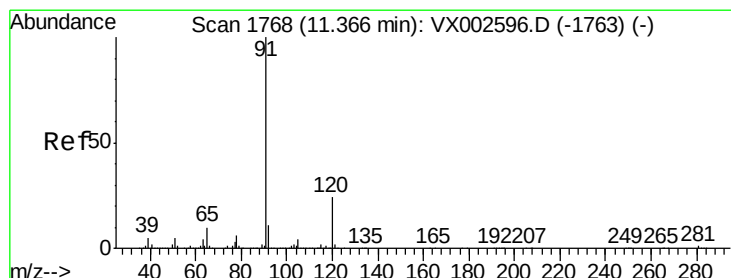
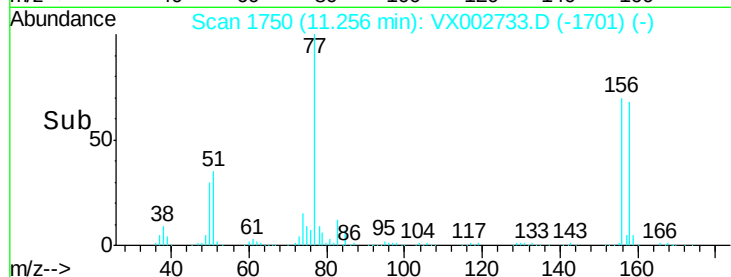
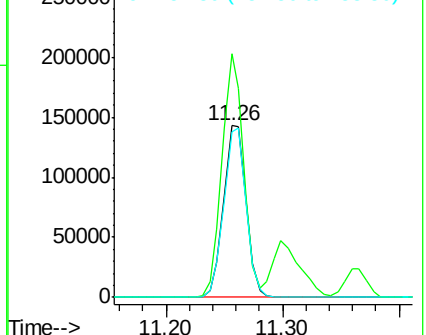
158 97.4 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 50.82 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002733.D

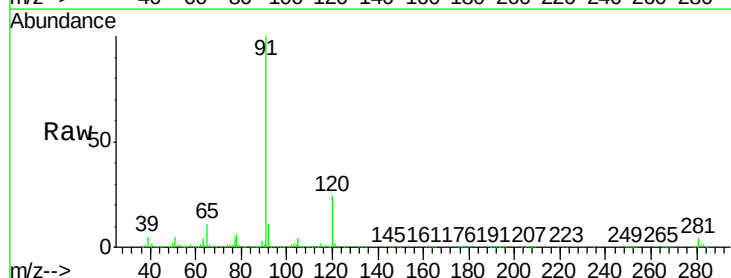
Acq: 20 Jun 2018 00:43

Tgt Ion: 91 Resp: 766403

Ion Ratio Lower Upper

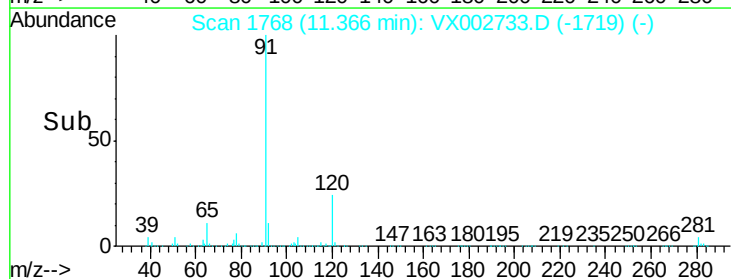
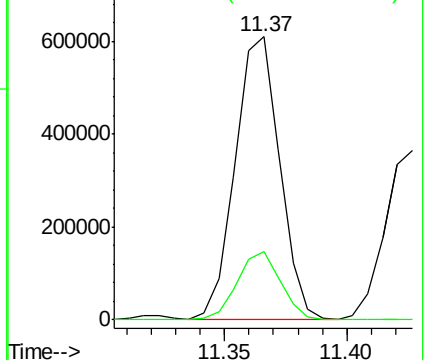
91 100

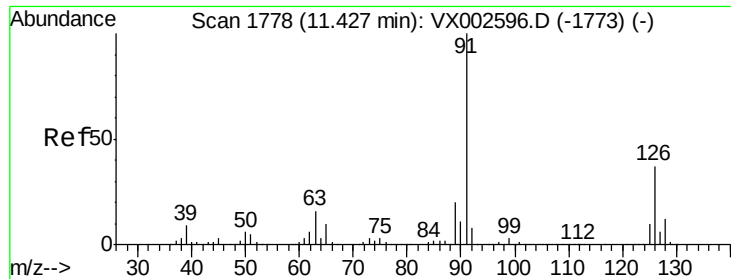
120 23.7 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 50.72 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Instrument :

MSVOA_X

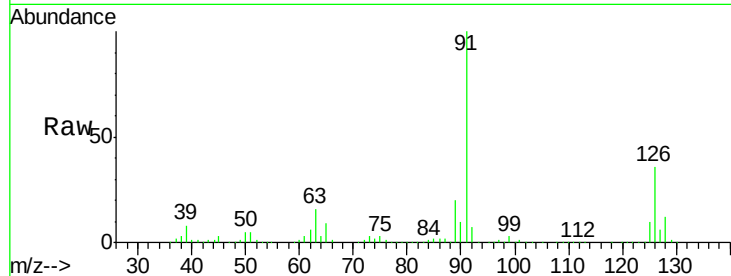
ClientSampleId :

Tot Ion: 91 Resp: 456673

Ion Ratio Lower Upper

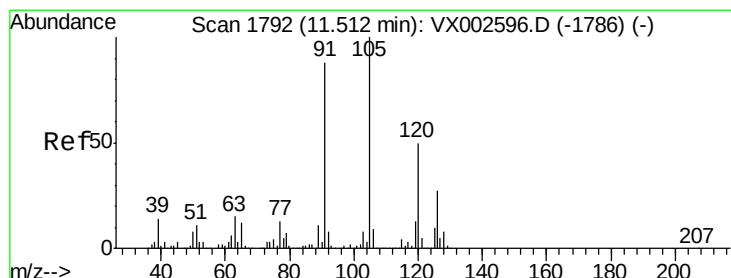
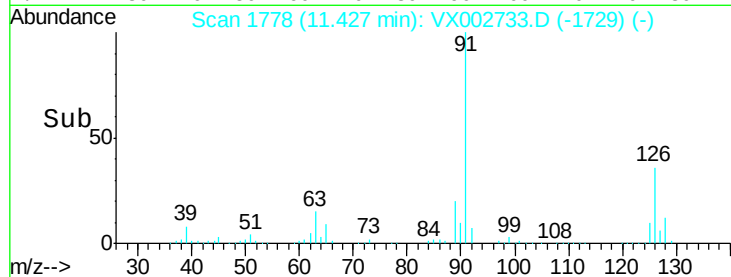
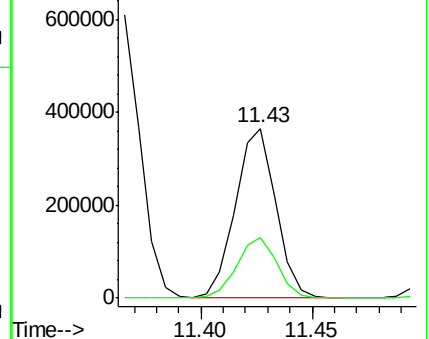
91 100

126 35.9 17.7 53.1



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 51.69 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002733.D

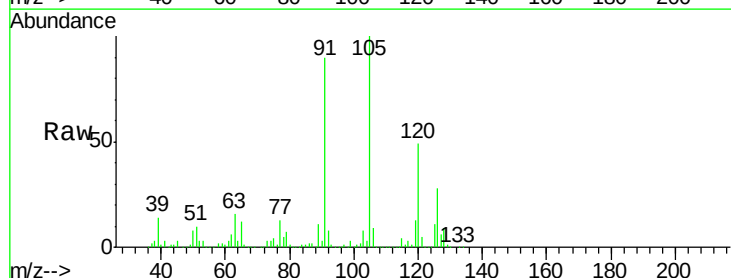
Acq: 20 Jun 2018 00:43

Tgt Ion:105 Resp: 574470

Ion Ratio Lower Upper

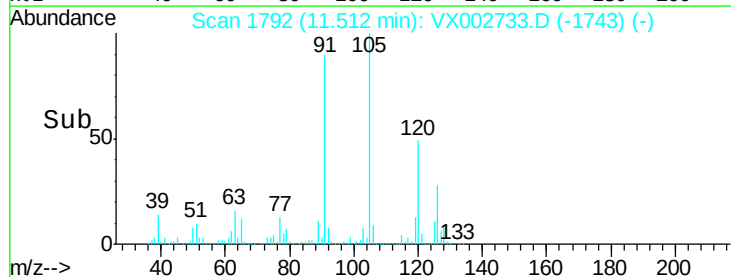
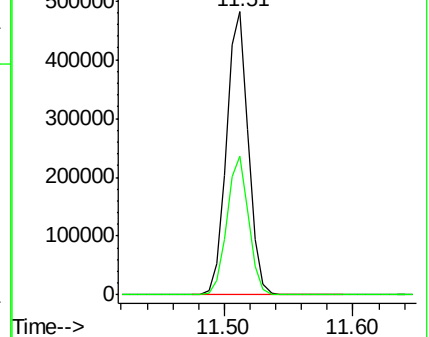
105 100

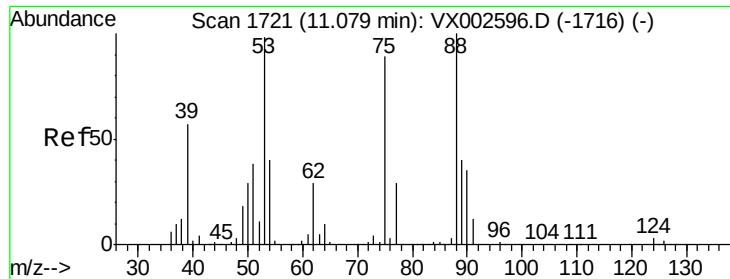
120 48.6 24.4 73.4



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: 44.64 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

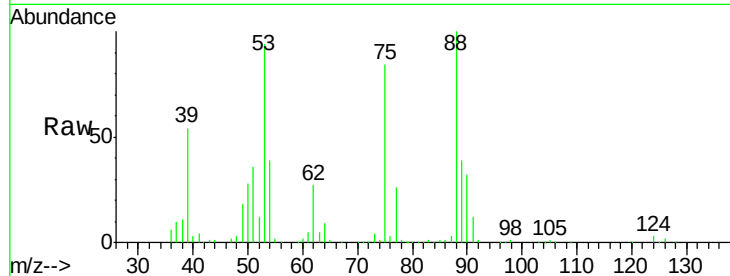
Instrument :

MSVOA_X

ClientSampleId :

Tot Ion: 75 Resp: 51189

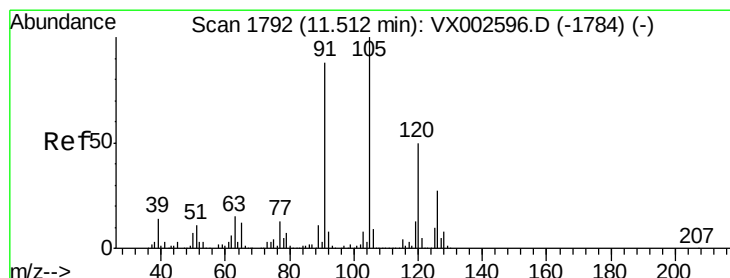
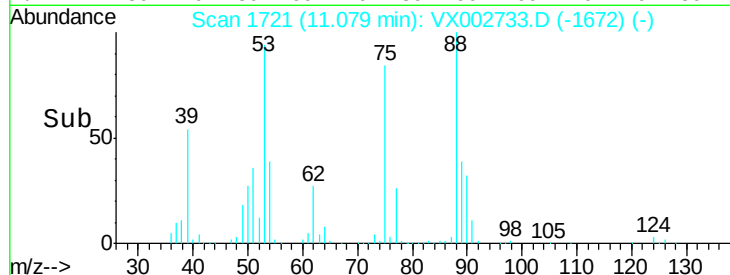
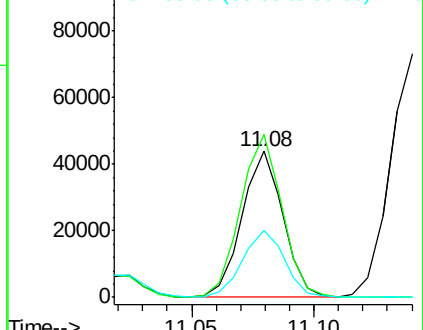
Ion	Ratio	Lower	Upper
75	100		
53	112.8	86.8	130.2
89	47.4	38.2	57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 51.05 ug/l

RT: 11.51 min Scan# 1792

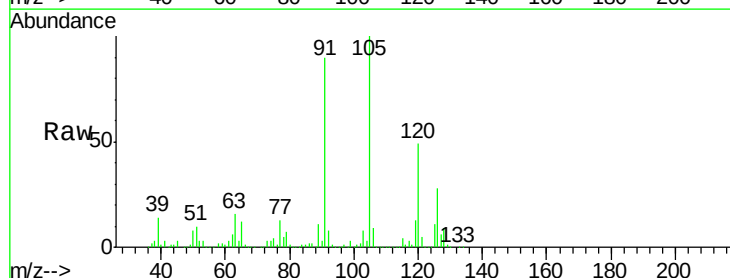
Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

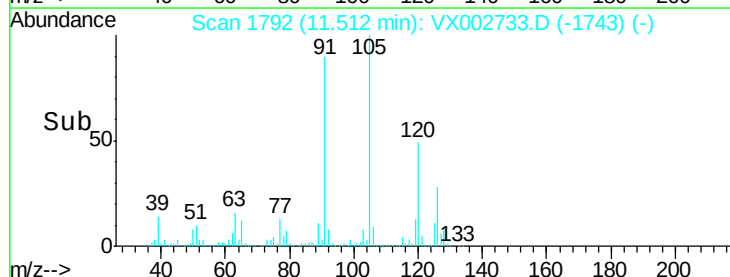
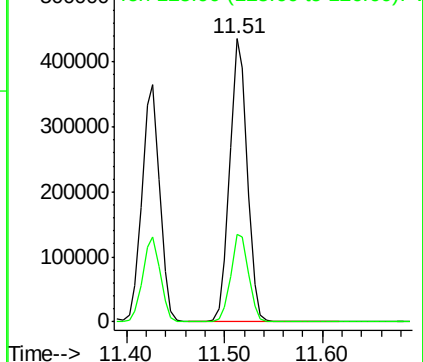
Tgt Ion: 91 Resp: 542426

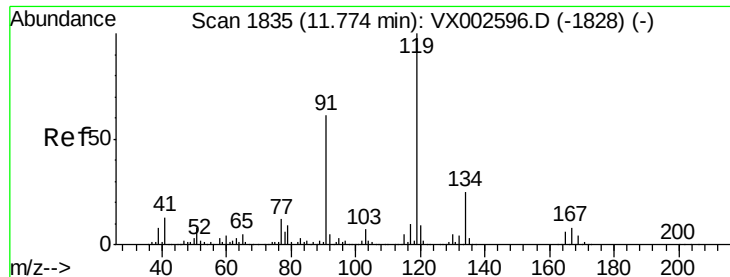
Ion	Ratio	Lower	Upper
91	100		
126	31.4	15.4	46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

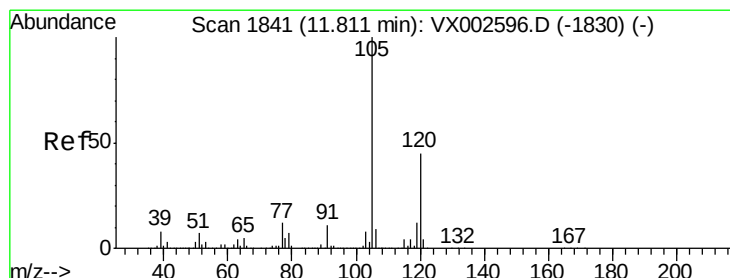
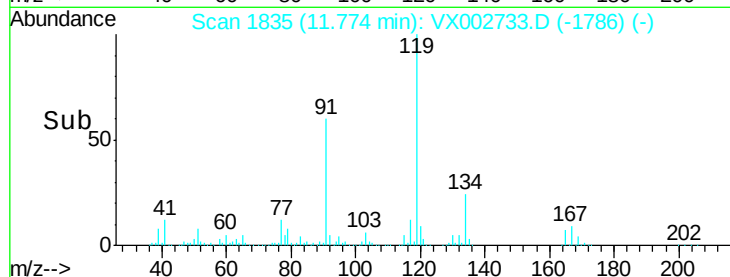
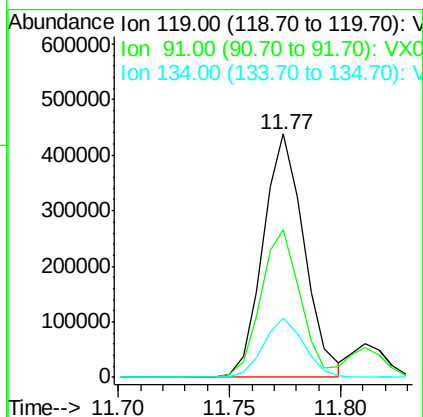
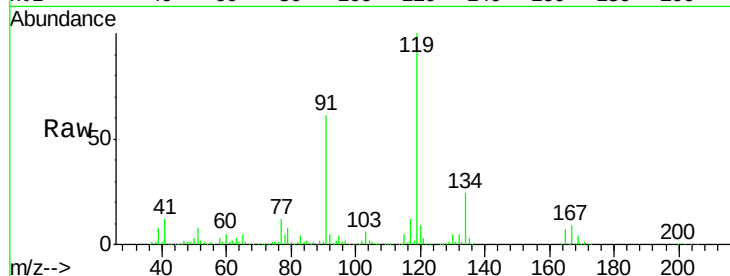




#83
 tert-Butylbenzene
 Concen: 52.36 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 00:43

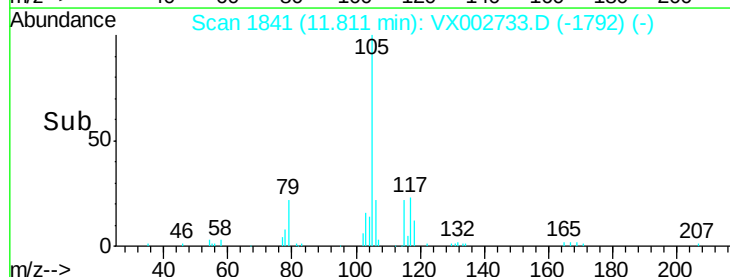
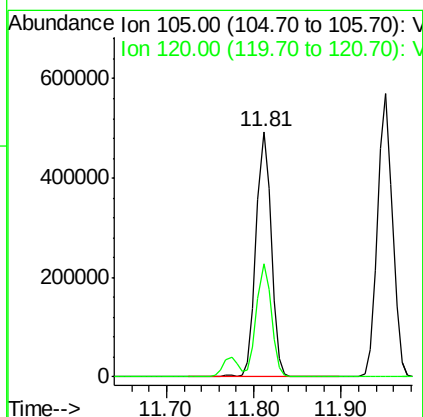
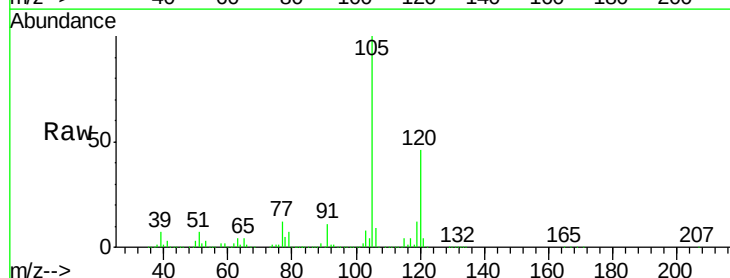
Instrument :
 MSVOA_X
 ClientSampled :

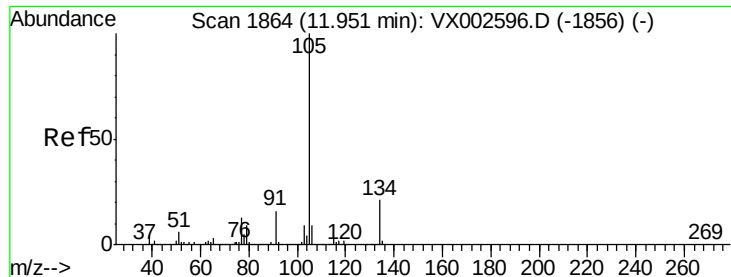
Tot Ion:119 Resp: 560506
 Ion Ratio Lower Upper
 119 100
 91 59.2 30.3 90.9
 134 23.9 11.7 35.1



#84
 1,2,4-Trimethylbenzene
 Concen: 51.97 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 00:43

Tgt Ion:105 Resp: 589367
 Ion Ratio Lower Upper
 105 100
 120 45.7 22.3 66.8





#85

sec-Butylbenzene

Concen: 51.50 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Instrument :

MSVOA_X

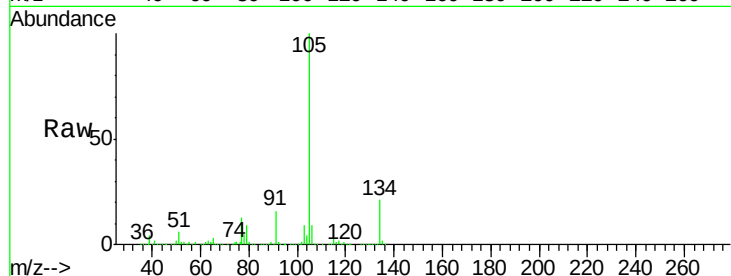
ClientSampled :

Tot Ion:105 Resp: 685608

Ion Ratio Lower Upper

105 100

134 20.9 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

11.95

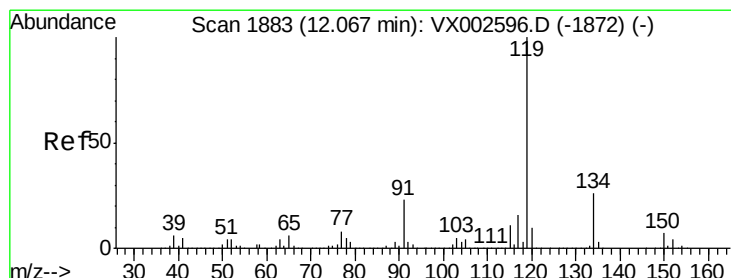
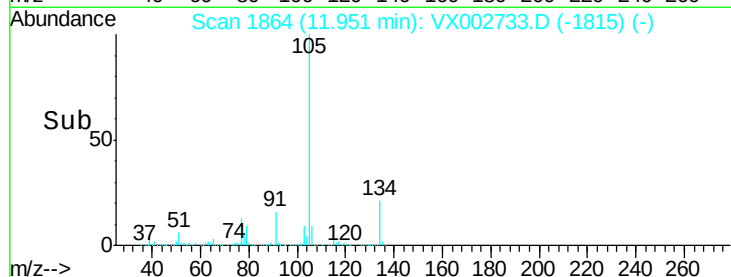
600000

400000

200000

0

Time-->



#86

p-Isopropyltoluene

Concen: 51.21 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

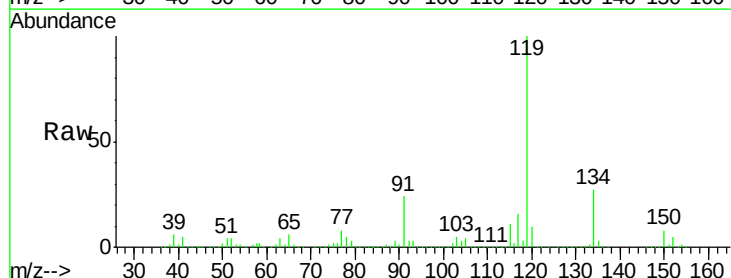
Tgt Ion:119 Resp: 616756

Ion Ratio Lower Upper

119 100

134 26.9 13.4 40.1

91 23.8 11.9 35.7



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

12.07

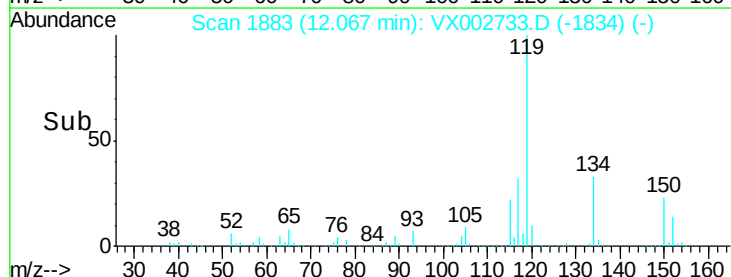
600000

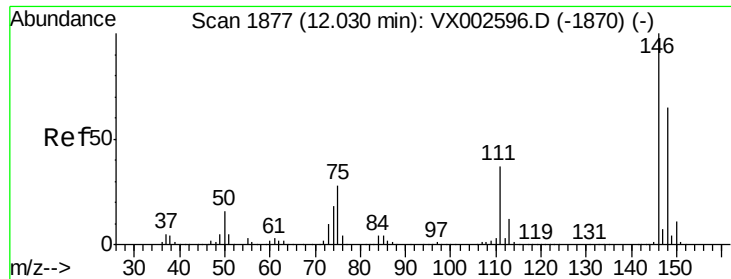
400000

200000

0

Time-->

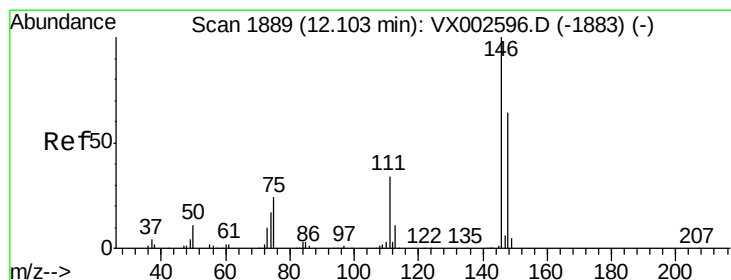
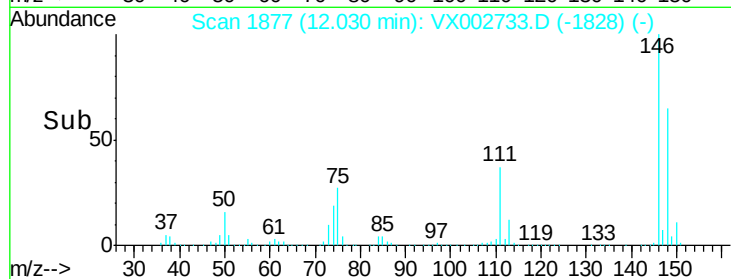
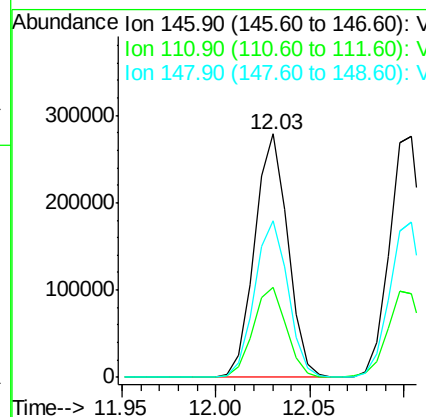
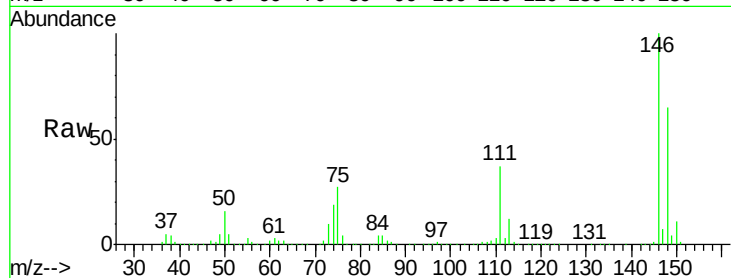




#87
 1,3-Dichlorobenzene
 Concen: 50.62 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 00:43

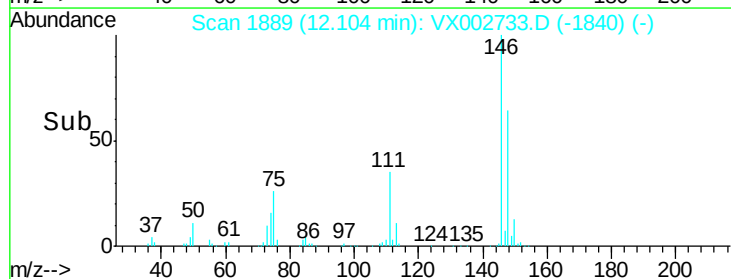
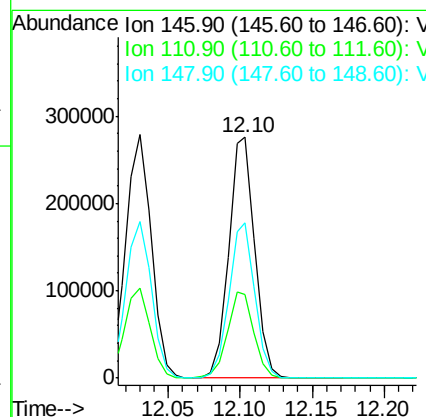
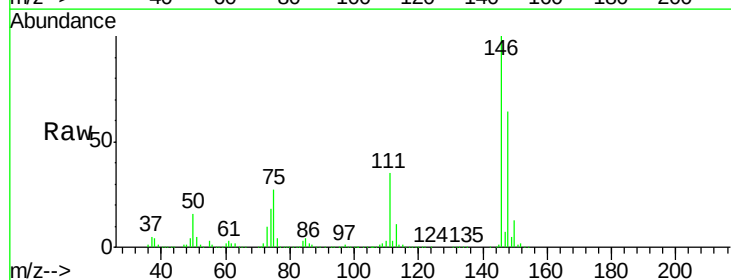
Instrument :
 MSVOA_X
 ClientSampled :

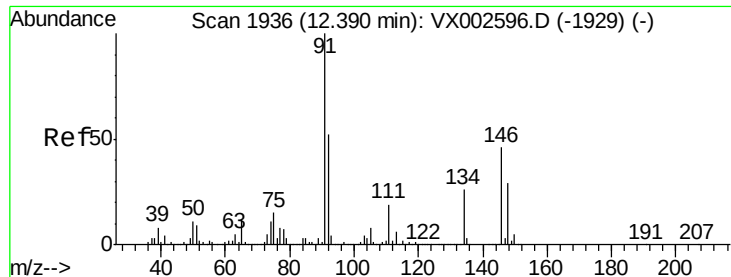
Tot Ion:146 Resp: 340055
 Ion Ratio Lower Upper
 146 100
 111 37.1 18.9 56.7
 148 64.7 32.1 96.3



#88
 1,4-Dichlorobenzene
 Concen: 51.23 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 00:43

Tgt Ion:146 Resp: 350221
 Ion Ratio Lower Upper
 146 100
 111 36.4 18.7 56.1
 148 64.0 32.4 97.0





#89

n-Butylbenzene

Concen: 49.76 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Instrument :

MSVOA_X

ClientSampled :

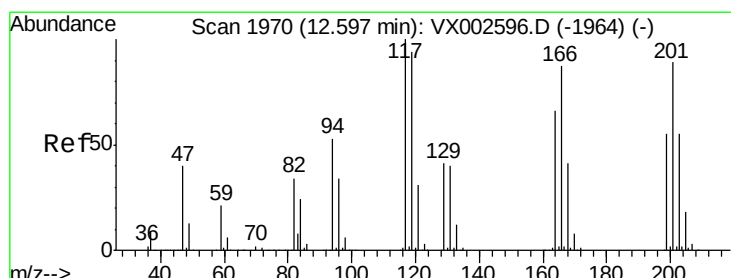
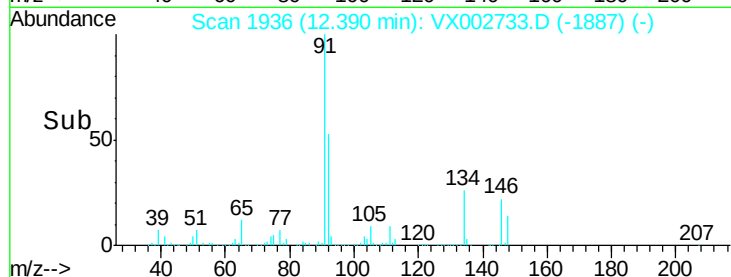
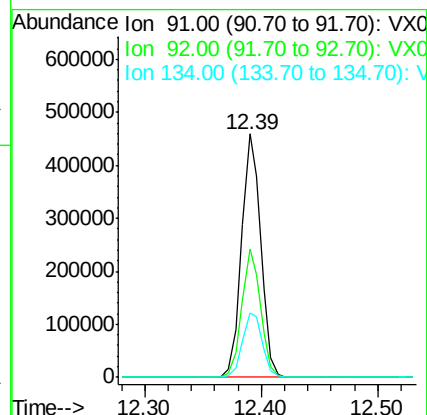
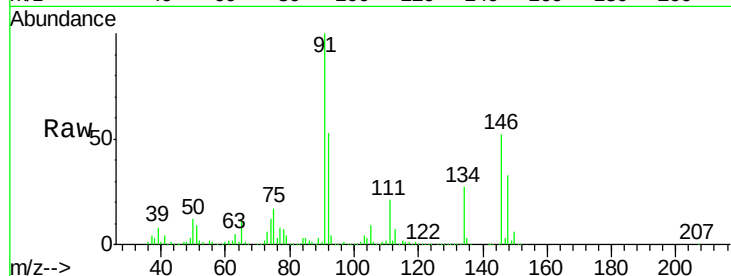
Tot Ion: 91 Resp: 528703

Ion Ratio Lower Upper

91 100

92 51.6 26.0 78.0

134 27.4 13.5 40.5



#90

Hexachloroethane

Concen: 48.60 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX002733.D

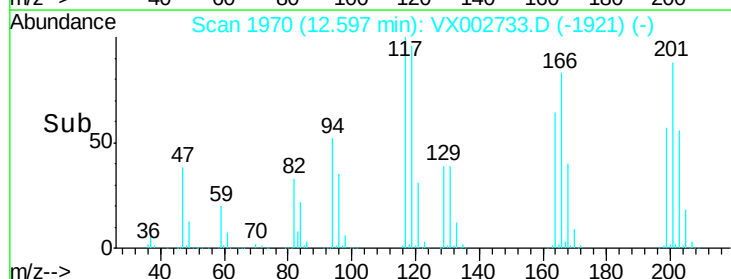
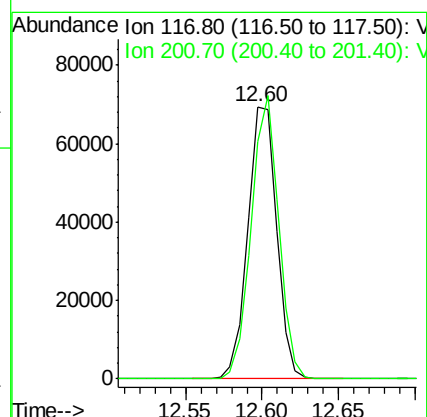
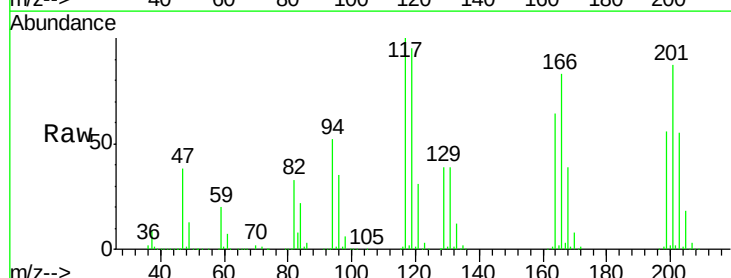
Acq: 20 Jun 2018 00:43

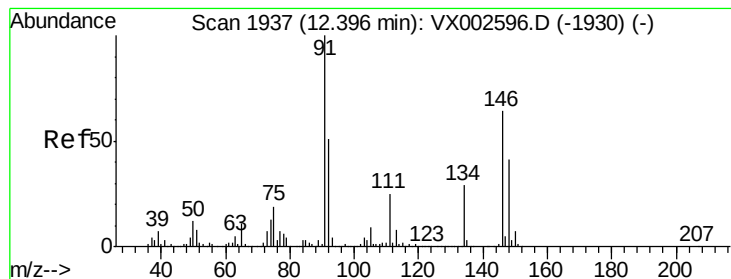
Tgt Ion: 117 Resp: 91092

Ion Ratio Lower Upper

117 100

201 98.5 49.0 147.0





#91

1,2-Dichlorobenzene

Concen: 52.03 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

Instrument :

MSVOA_X

ClientSampleId :

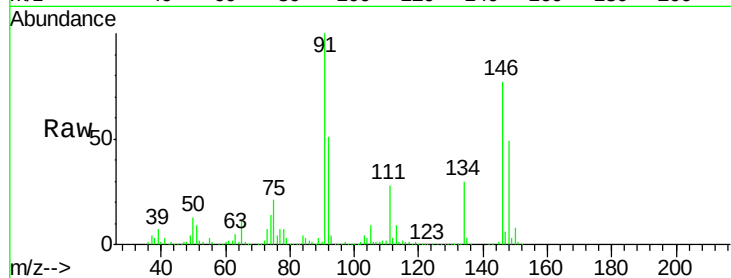
Tot Ion:146 Resp: 351812

Ion Ratio Lower Upper

146 100

111 38.0 19.4 58.1

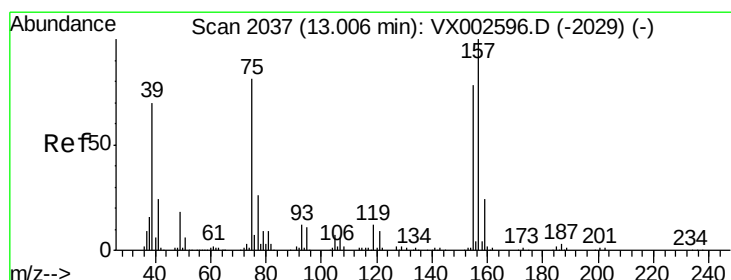
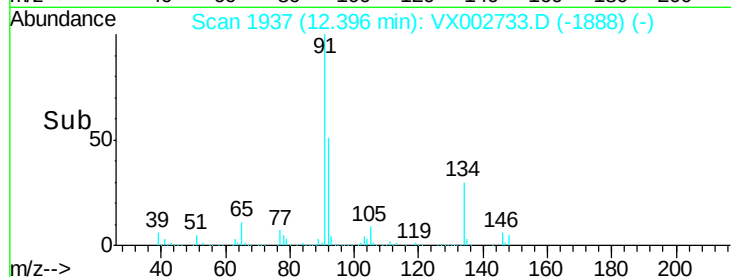
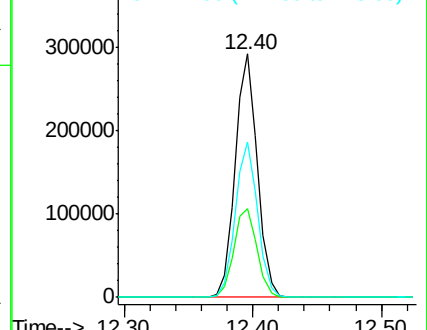
148 64.3 31.7 95.1



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.12 ug/l

RT: 13.01 min Scan# 2037

Delta R.T. 0.00 min

Lab File: VX002733.D

Acq: 20 Jun 2018 00:43

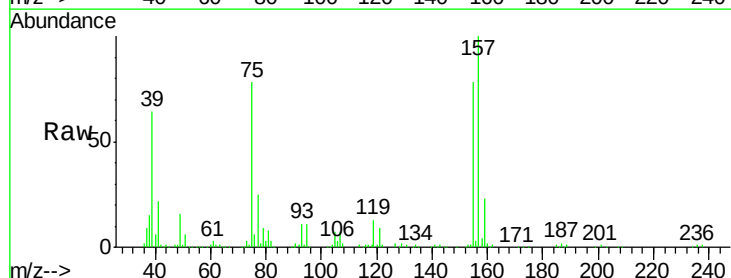
Tgt Ion: 75 Resp: 48086

Ion Ratio Lower Upper

75 100

155 95.4 45.8 137.4

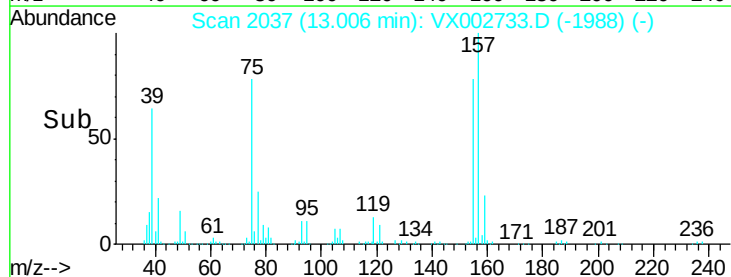
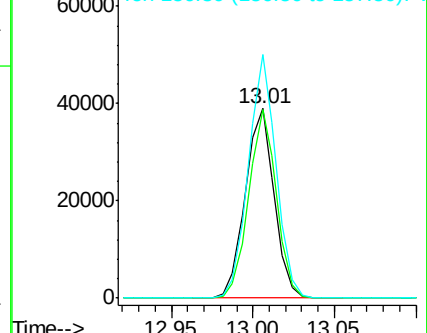
157 123.2 60.1 180.3

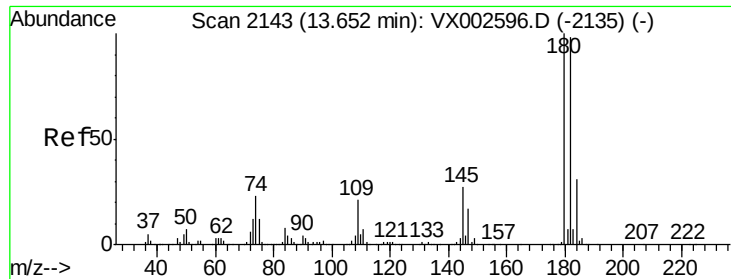


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V

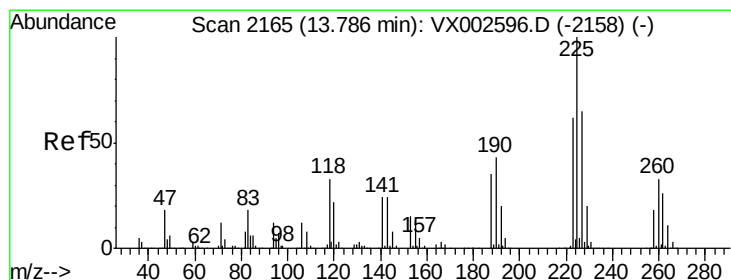
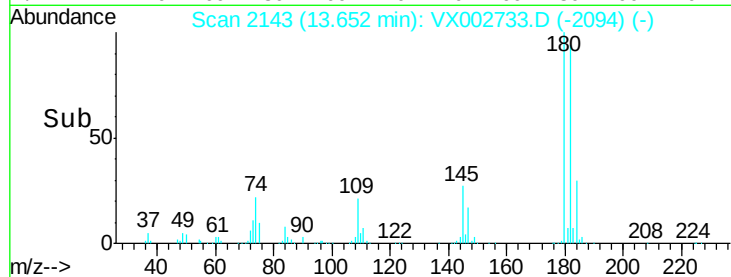
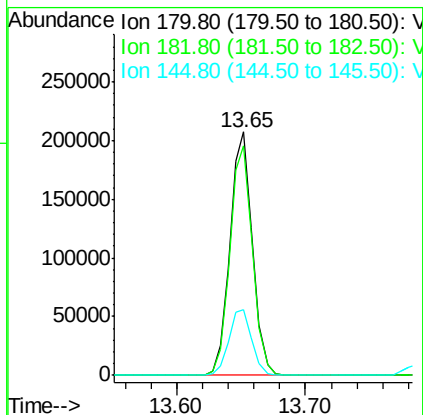
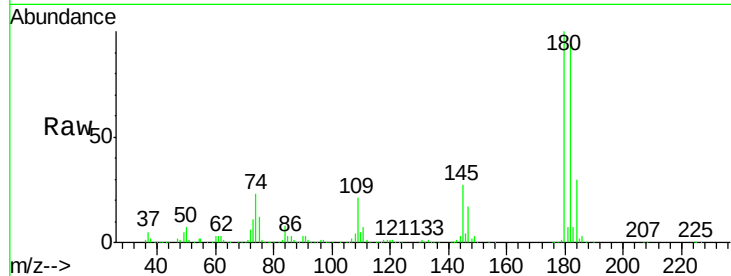




#93
 1,2,4-Trichlorobenzene
 Concen: 51.32 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 00:43

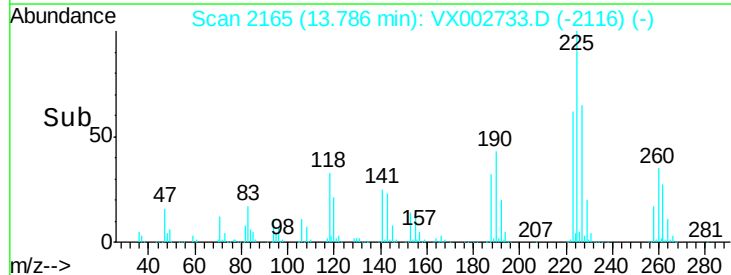
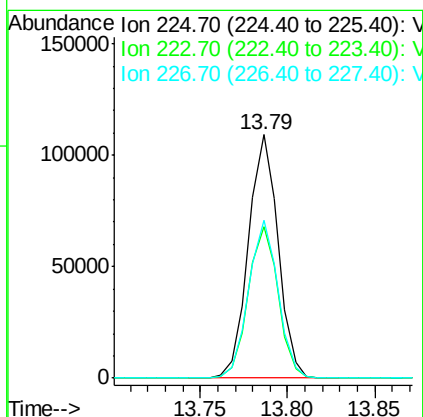
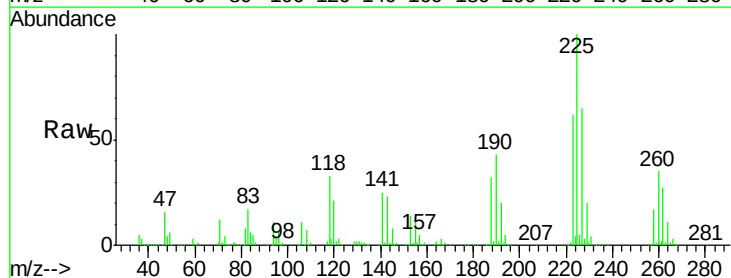
Instrument :
 MSVOA_X
 ClientSampled :

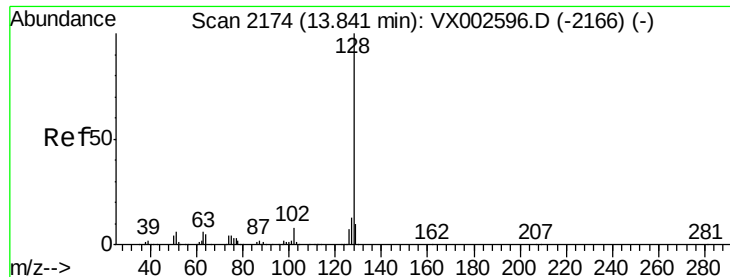
Tot Ion	Ratio	Lower	Upper
180	100		
182	95.1	47.7	143.1
145	27.7	14.1	42.4



#94
 Hexachlorobutadiene
 Concen: 49.62 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002733.D
 Acq: 20 Jun 2018 00:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	62.7	31.6	95.0
227	64.3	32.4	97.2

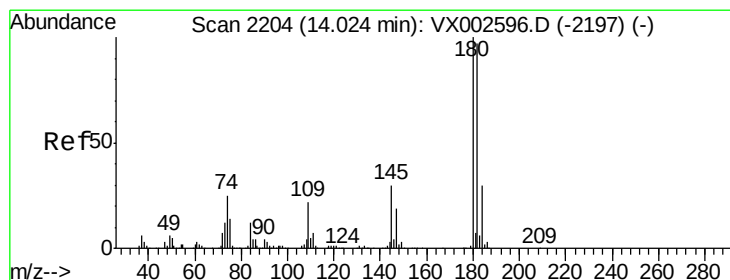
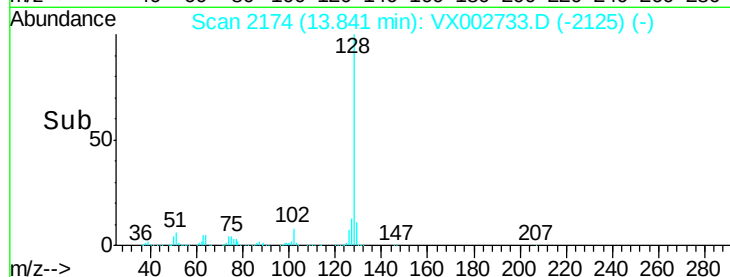
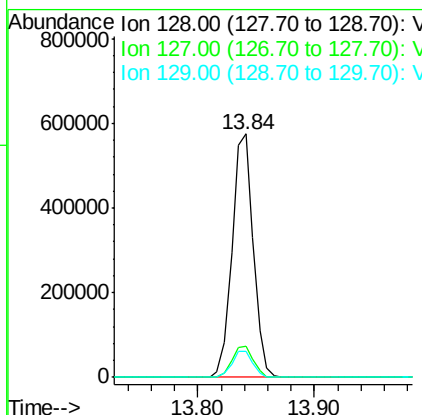
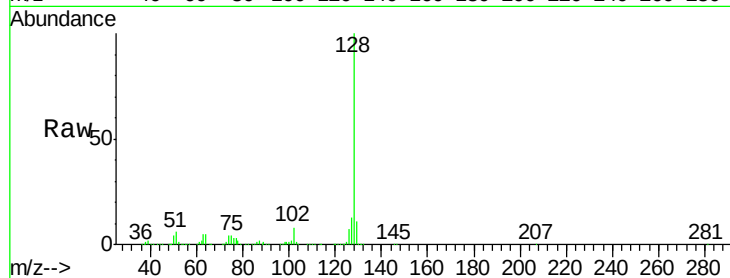




#95
Naphthalene
Concen: 55.04 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 00:43

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
128	100		
127	13.0	10.4	15.6
129	10.7	8.6	13.0



#96
1,2,3-Trichlorobenzene
Concen: 51.99 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX002733.D
Acq: 20 Jun 2018 00:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.0	48.0	144.0
145	29.8	14.8	44.3

