

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061918\
 Data File : VX002735.D
 Acq On : 20 Jun 2018 02:03
 Operator : JC/MD
 Sample : VX0619WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 20 07:02:23 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	227065	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	322412	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	308936	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	187480	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	156030	45.22	ug/l	0.00
Spiked Amount			Recovery	=	90.44%	
35) Dibromofluoromethane	5.51	113	122792	47.72	ug/l	0.00
Spiked Amount			Recovery	=	95.44%	
50) Toluene-d8	8.72	98	448094	45.86	ug/l	0.00
Spiked Amount			Recovery	=	91.72%	
62) 4-Bromofluorobenzene	11.14	95	167376	45.21	ug/l	0.00
Spiked Amount			Recovery	=	90.42%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	48130	19.97	ug/l	96
3) Chloromethane	1.32	50	50632	17.66	ug/l	98
4) Vinyl Chloride	1.40	62	55858	18.77	ug/l	98
5) Bromomethane	1.64	94	32167	17.92	ug/l	100
6) Chloroethane	1.72	64	36971	18.85	ug/l	98
7) Trichlorofluoromethane	1.93	101	95404	19.73	ug/l	97
8) Diethyl Ether	2.19	74	33987	18.48	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51546	19.08	ug/l	99
10) Methyl Iodide	2.51	142	51748	17.90	ug/l	99
11) Tert butyl alcohol	3.08	59	67177	94.18	ug/l	97
12) 1,1-Dichloroethene	2.37	96	46946	18.50	ug/l	99
13) Acrolein	2.30	56	41627	127.93	ug/l	98
14) Allyl chloride	2.73	41	89213	17.71	ug/l	100
15) Acrylonitrile	3.15	53	145328	93.36	ug/l	99
16) Acetone	2.45	43	141360	92.86	ug/l	100
17) Carbon Disulfide	2.57	76	117874	19.59	ug/l	99
18) Methyl Acetate	2.78	43	77461	19.10	ug/l	97
19) Methyl tert-butyl Ether	3.21	73	171822	18.05	ug/l	99
20) Methylene Chloride	2.86	84	53339	17.09	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	50372	18.30	ug/l	99
22) Diisopropyl ether	3.88	45	168522	18.49	ug/l	97
23) Vinyl Acetate	3.83	43	696360	91.29	ug/l	98
24) 1,1-Dichloroethane	3.70	63	92107	18.62	ug/l	99
25) 2-Butanone	4.71	43	196909	98.49	ug/l	97
26) 2,2-Dichloropropane	4.59	77	45581	12.82	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	53396	19.07	ug/l	94
28) Bromochloromethane	5.02	49	41797	18.04	ug/l	96
29) Tetrahydrofuran	5.17	42	127062	96.97	ug/l	98
30) Chloroform	5.22	83	93289	19.56	ug/l	99
31) Cyclohexane	5.57	56	76254	18.72	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	80076	20.07	ug/l	100
36) 1,1-Dichloropropene	5.80	75	66014	19.28	ug/l	98
37) Ethyl Acetate	4.87	43	75915	19.59	ug/l	98
38) Carbon Tetrachloride	5.78	117	71027	20.83	ug/l	95

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 ClientSampleId :

Quant Time: Jun 20 07:02:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061518W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 16 01:37:33 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	74520	18.62	ug/l	96
40) Benzene	6.15	78	200502	19.53	ug/l	100
41) Methacrylonitrile	5.07	41	42833	19.57	ug/l	97
42) 1,2-Dichloroethane	6.20	62	79737	20.06	ug/l	100
43) Isopropyl Acetate	6.47	43	121384	18.90	ug/l	99
44) Trichloroethene	7.21	130	58880	19.87	ug/l	99
45) 1,2-Dichloropropane	7.52	63	52505	19.43	ug/l	97
46) Dibromomethane	7.66	93	36484	20.18	ug/l	99
47) Bromodichloromethane	7.90	83	65022	20.39	ug/l	99
48) Methyl methacrylate	7.78	41	63404	19.32	ug/l	98
49) 1,4-Dioxane	7.76	88	25563	411.36	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	409311	99.28	ug/l	99
52) Toluene	8.79	92	130569	19.94	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	70723	18.35	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	63297	17.92	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	53662	20.28	ug/l	96
56) Ethyl methacrylate	9.18	69	77100	18.93	ug/l	98
57) 1,3-Dichloropropane	9.38	76	87108	19.46	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	177617	90.17	ug/l	99
59) 2-Hexanone	9.50	43	310329	99.89	ug/l	100
60) Dibromochloromethane	9.59	129	51373	19.72	ug/l	99
61) 1,2-Dibromoethane	9.68	107	55136	20.12	ug/l	99
64) Tetrachloroethene	9.34	164	65091	18.98	ug/l	98
65) Chlorobenzene	10.14	112	149390	19.69	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	52517	20.30	ug/l	99
67) Ethyl Benzene	10.26	91	246632	19.27	ug/l	98
68) m/p-Xylenes	10.36	106	190814	38.65	ug/l	99
69) o-Xylene	10.70	106	93344	19.25	ug/l	97
70) Styrene	10.71	104	154878	19.42	ug/l	99
71) Bromoform	10.86	173	38670	19.67	ug/l	# 98
73) Isopropylbenzene	11.02	105	248698	19.83	ug/l	100
74) N-amyl acetate	6.47	43	121384	19.48	ug/l	# 99
75) 1,1,2,2-Tetrachloroethane	11.27	83	78795	21.28	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	82967	23.45	ug/l	82
77) Bromobenzene	11.26	156	71187	20.38	ug/l	97
78) n-propylbenzene	11.37	91	279584	19.44	ug/l	100
79) 2-Chlorotoluene	11.43	91	168464	19.62	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	209922	19.81	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	15524	17.05	ug/l	88
82) 4-Chlorotoluene	11.51	91	199518	19.69	ug/l	99
83) tert-Butylbenzene	11.77	119	203911	19.98	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	215830	19.96	ug/l	99
85) sec-Butylbenzene	11.95	105	245913	19.37	ug/l	99
86) p-Isopropyltoluene	12.07	119	221729	19.31	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	125528	19.59	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	128176	19.66	ug/l	100
89) n-Butylbenzene	12.39	91	185623	18.32	ug/l	99
90) Hexachloroethane	12.60	117	30362	18.69	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	127985	19.85	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	15855	20.44	ug/l	95

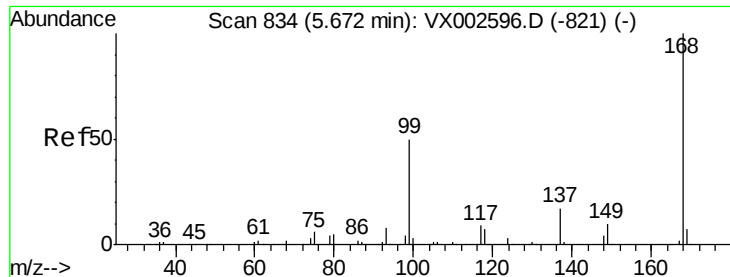
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Quant Title : SW846 8260
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	89545	19.14	ug/l	99
94) Hexachlorobutadiene	13.79	225	45698	18.54	ug/l	99
95) Naphthalene	13.84	128	256903	20.40	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	92757	19.74	ug/l	100

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



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :

MSVOA_X

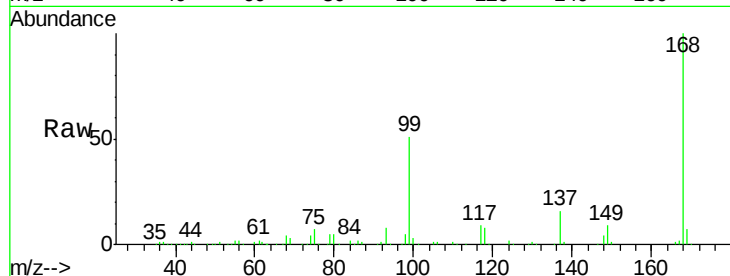
ClientSampled :

Tot Ion:168 Resp: 227065

Ion Ratio Lower Upper

168 100

99 50.4 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

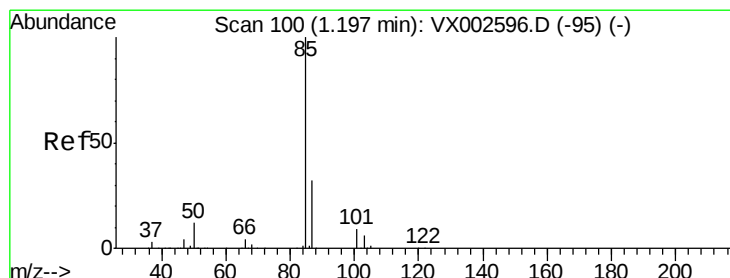
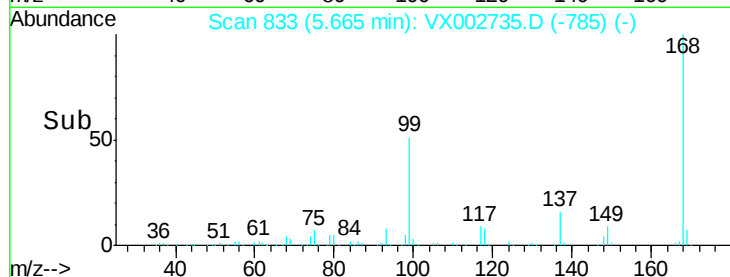
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 19.97 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002735.D

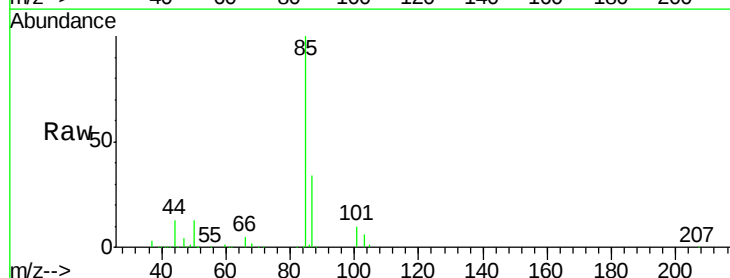
Acq: 20 Jun 2018 02:03

Tgt Ion: 85 Resp: 48130

Ion Ratio Lower Upper

85 100

87 34.0 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

50000

40000

30000

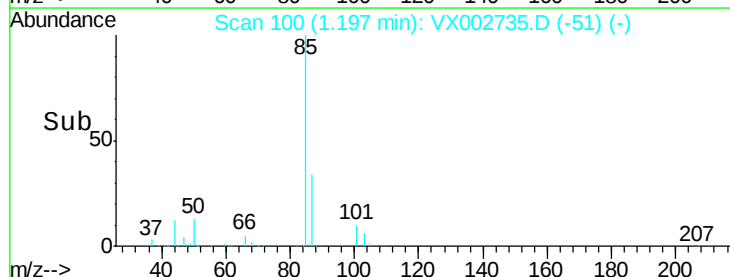
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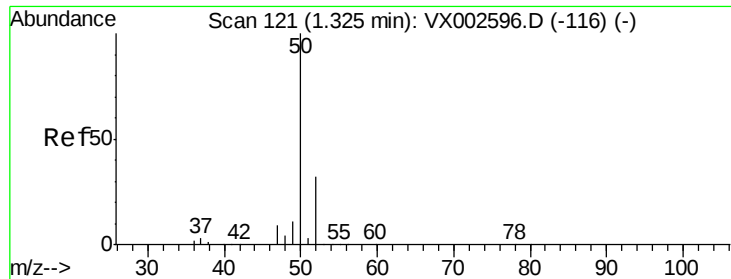
10000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.66 ug/l

RT: 1.32 min Scan# 121

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :

MSVOA_X

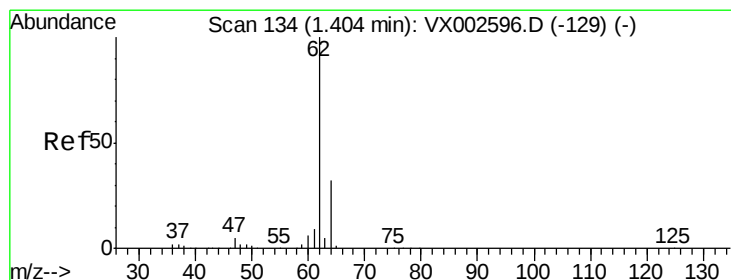
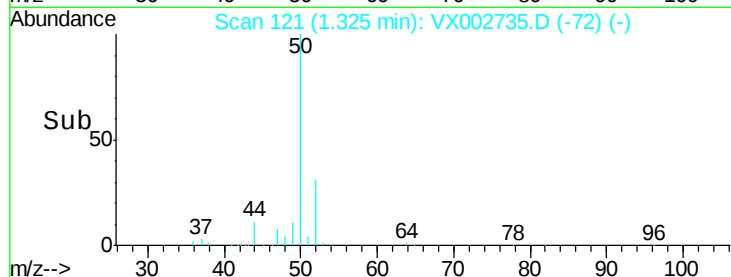
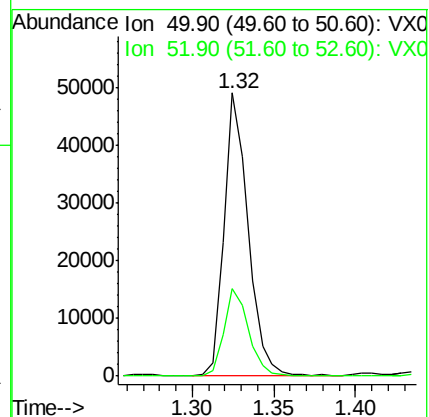
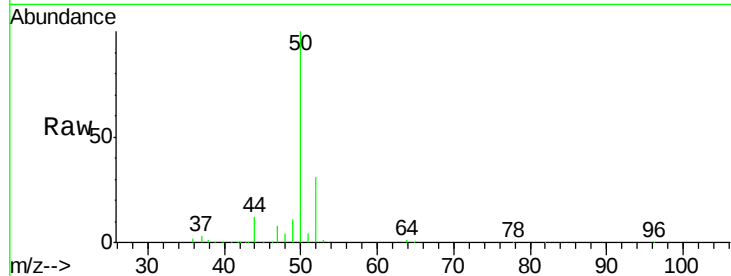
ClientSampleId :

Tot Ion: 50 Resp: 50632

Ion Ratio Lower Upper

50 100

52 31.1 25.7 38.5



#4

Vinyl Chloride

Concen: 18.77 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.00 min

Lab File: VX002735.D

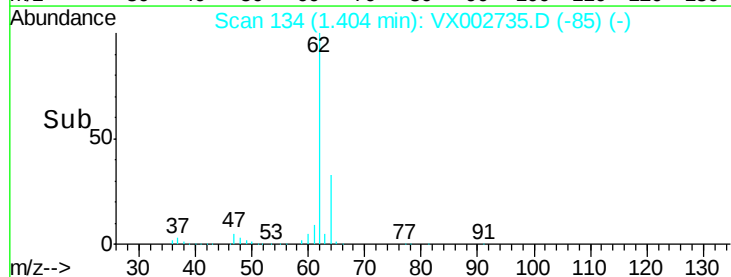
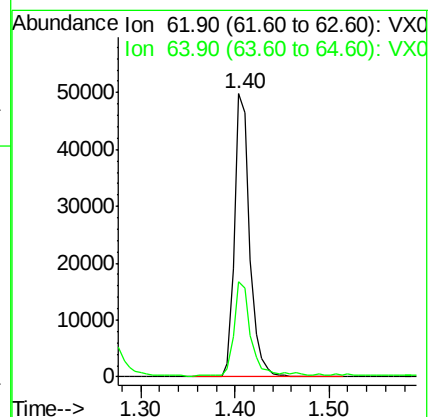
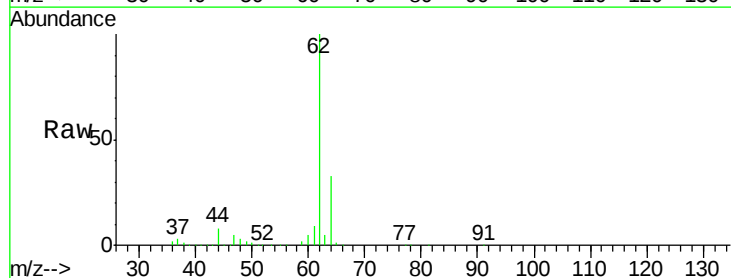
Acq: 20 Jun 2018 02:03

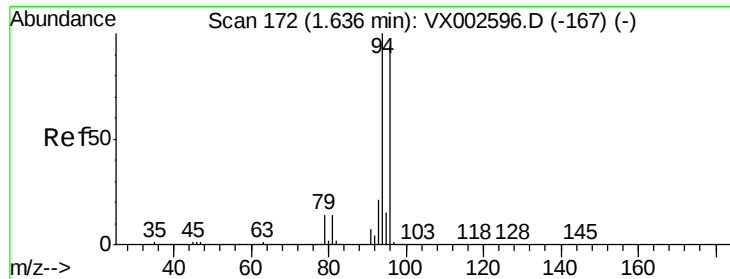
Tgt Ion: 62 Resp: 55858

Ion Ratio Lower Upper

62 100

64 33.1 25.4 38.2





#5

Bromomethane

Concen: 17.92 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :

MSVOA_X

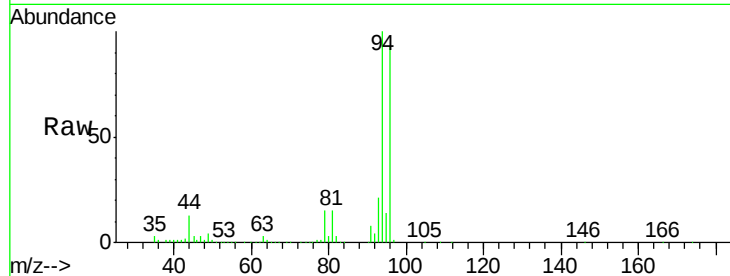
ClientSampleId :

Tot Ion: 94 Resp: 32167

Ion Ratio Lower Upper

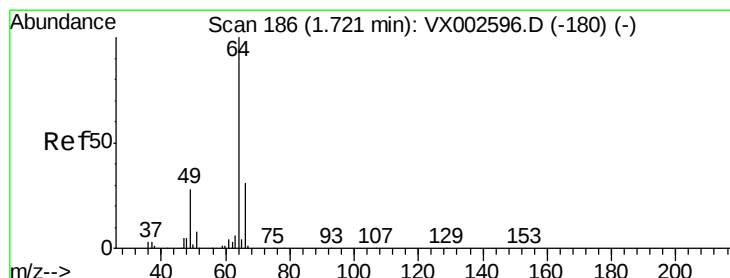
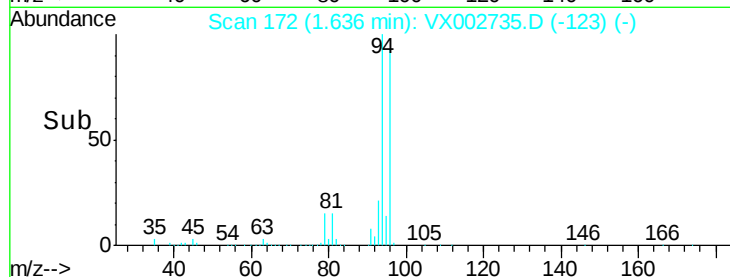
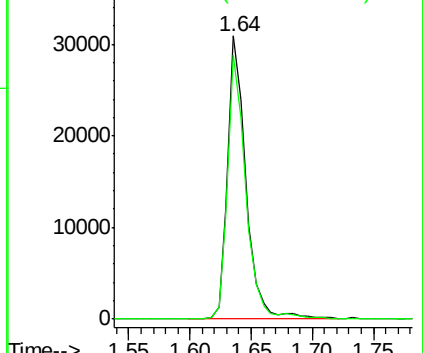
94 100

96 93.5 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.85 ug/l

RT: 1.72 min Scan# 186

Delta R.T. -0.00 min

Lab File: VX002735.D

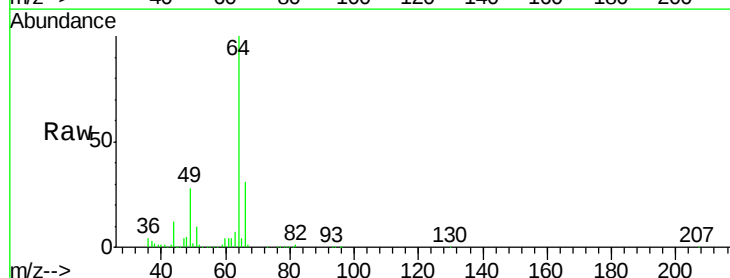
Acq: 20 Jun 2018 02:03

Tgt Ion: 64 Resp: 36971

Ion Ratio Lower Upper

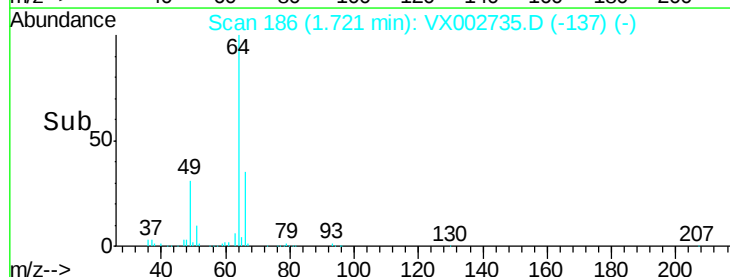
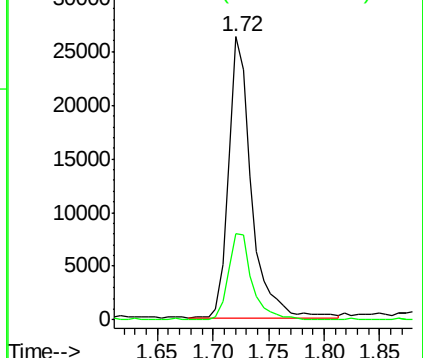
64 100

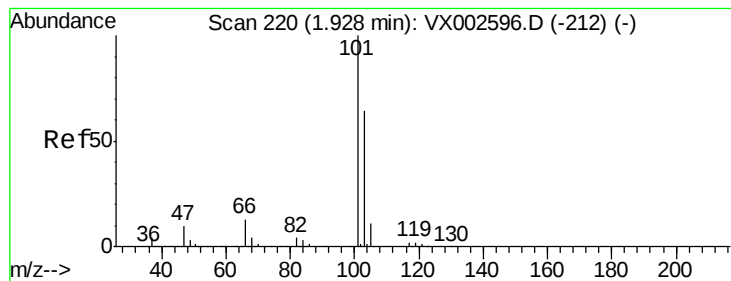
66 30.8 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



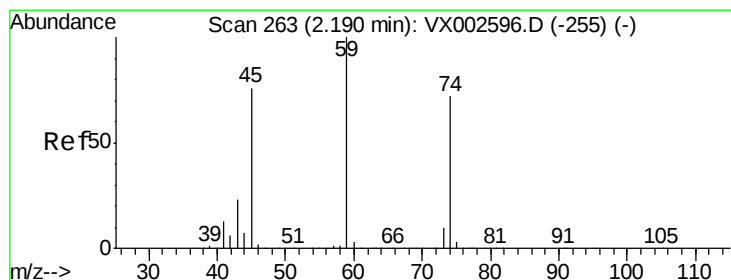
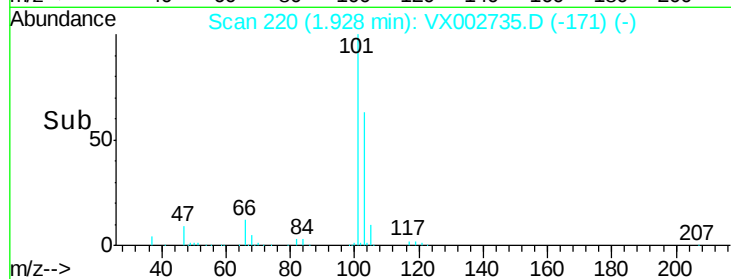
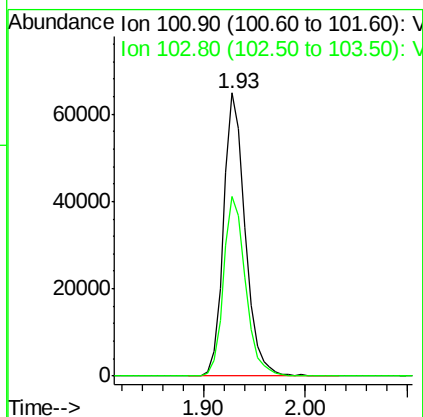
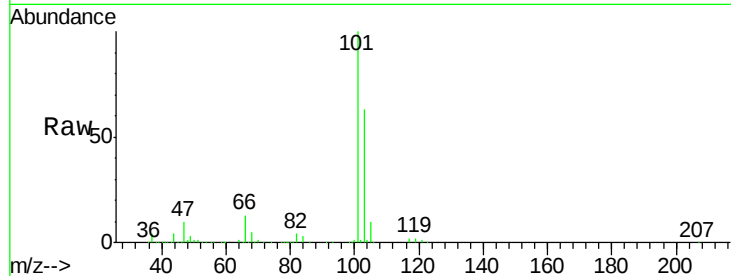


#7

Trichlorofluoromethane
 Concen: 19.73 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. -0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 02:03

Instrument :
 MSVOA_X
 ClientSampleId :

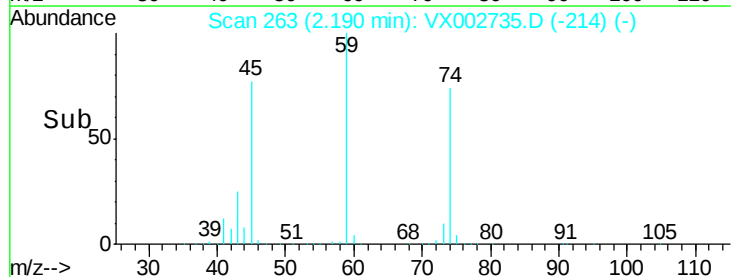
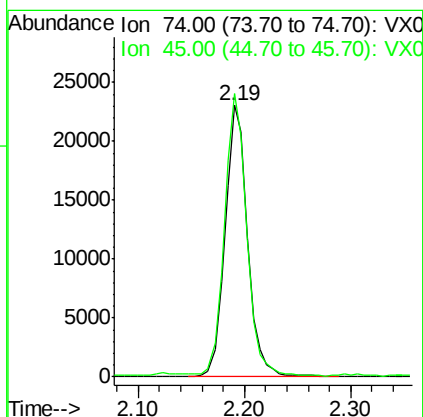
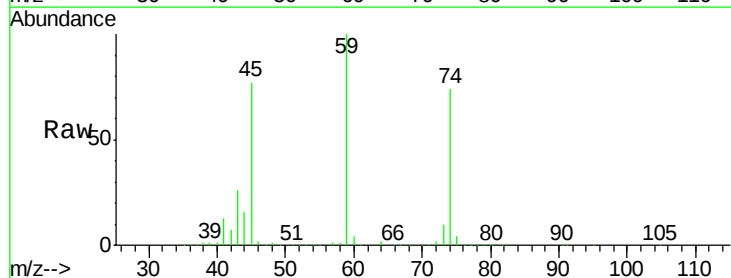
Tot Ion:101 Resp: 95404
 Ion Ratio Lower Upper
 101 100
 103 63.3 52.8 79.2



#8

Diethyl Ether
 Concen: 18.48 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. -0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 02:03

Tgt Ion: 74 Resp: 33987
 Ion Ratio Lower Upper
 74 100
 45 102.9 53.1 159.4





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.08 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :

MSVOA_X

ClientSampleId :

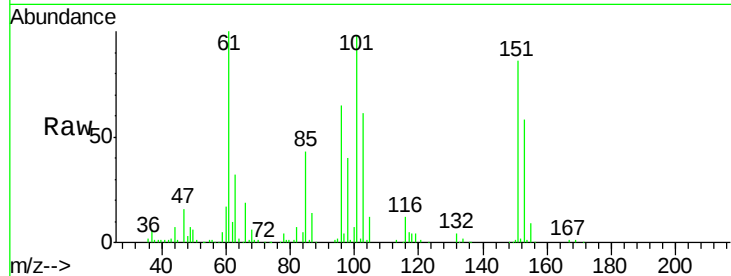
Tot Ion:101 Resp: 51546

Ion Ratio Lower Upper

101 100

85 45.9 36.0 54.0

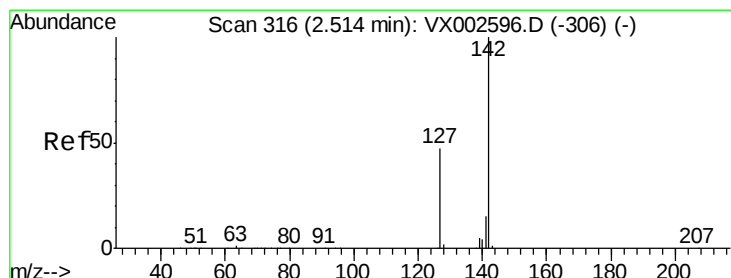
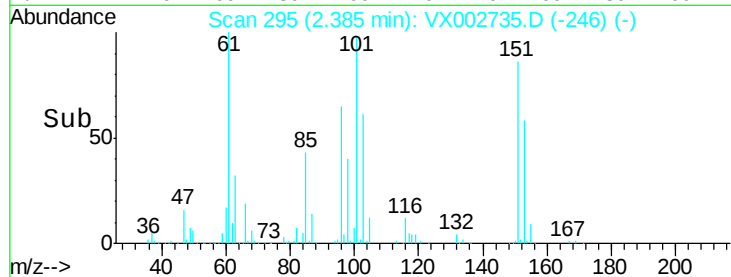
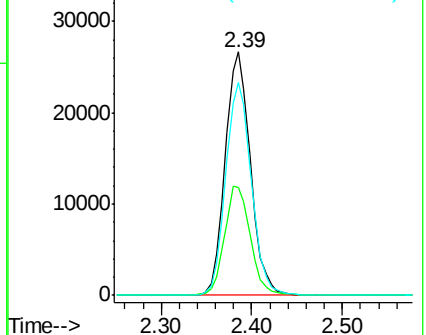
151 88.8 70.9 106.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.90 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

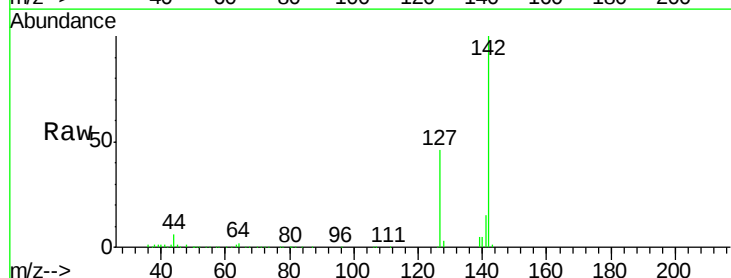
Tgt Ion:142 Resp: 51748

Ion Ratio Lower Upper

142 100

127 46.6 36.6 55.0

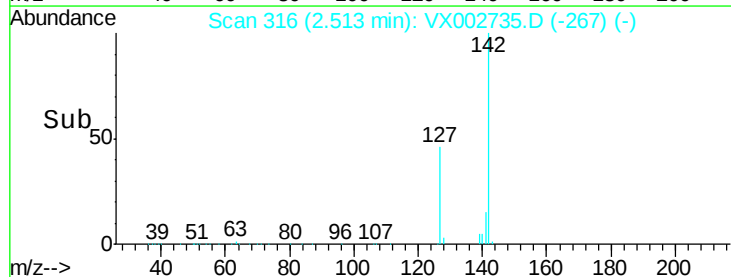
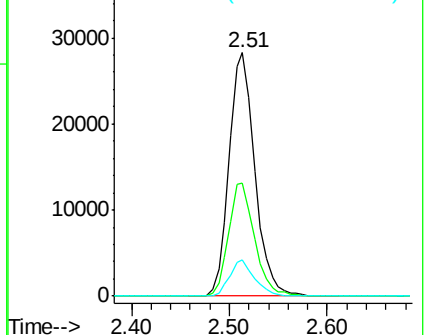
141 14.4 11.3 16.9

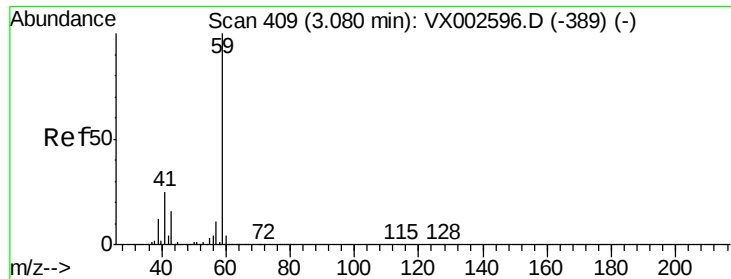


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V



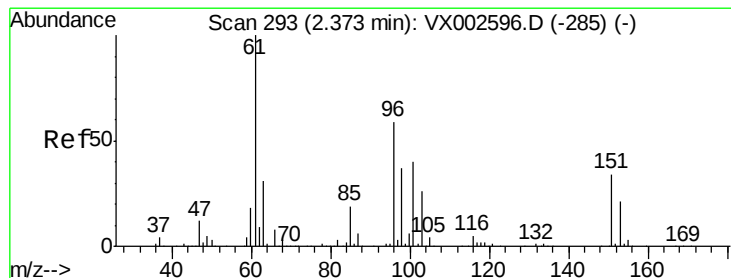
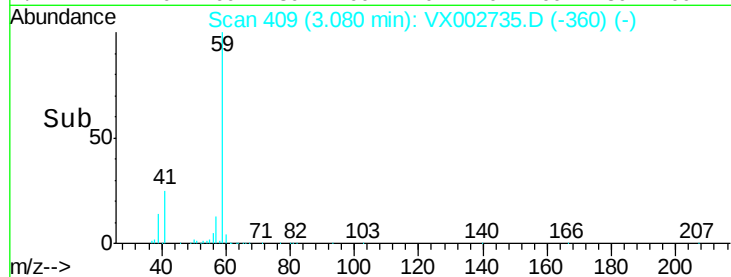
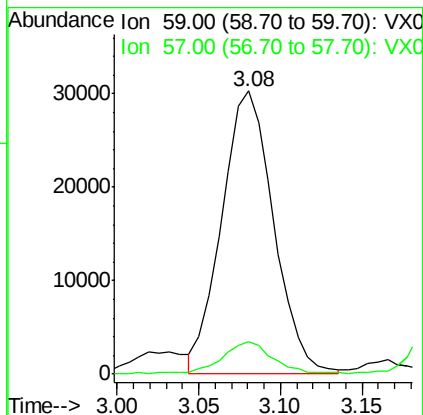
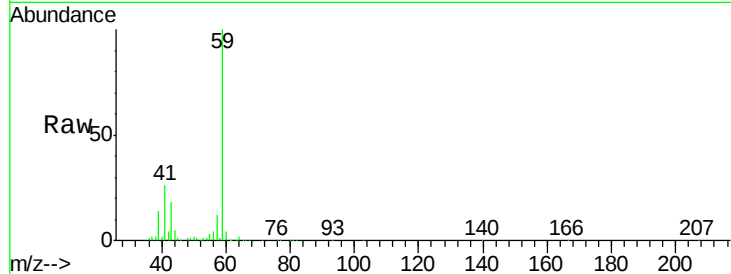


#11

Tert butyl alcohol
 Concen: 94.18 ug/l
 RT: 3.08 min Scan# 409
 Delta R.T. -0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 02:03

Instrument :
 MSVOA_X
 ClientSampled :

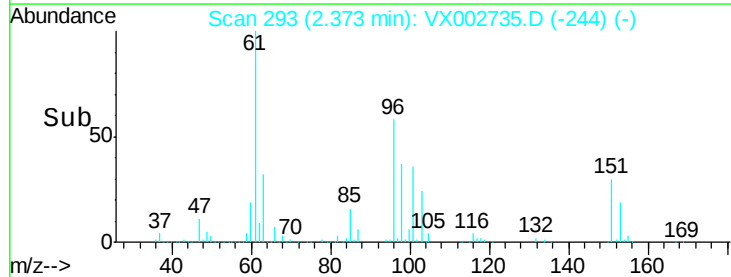
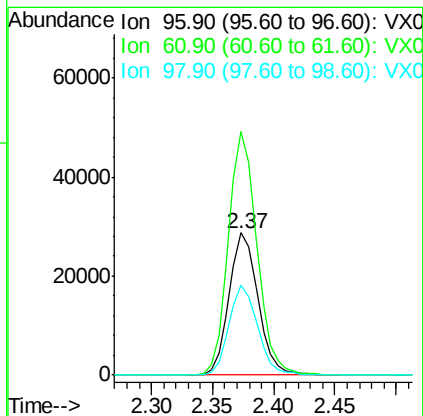
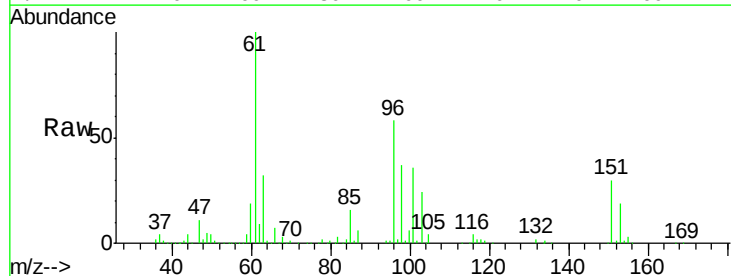
Tot Ion: 59 Resp: 67177
 Ion Ratio Lower Upper
 59 100
 57 11.2 8.2 12.2

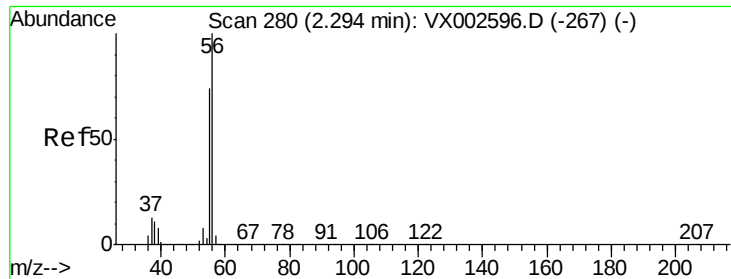


#12

1,1-Dichloroethene
 Concen: 18.50 ug/l
 RT: 2.37 min Scan# 293
 Delta R.T. -0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 02:03

Tgt Ion: 96 Resp: 46946
 Ion Ratio Lower Upper
 96 100
 61 171.2 137.9 206.9
 98 62.9 51.6 77.4





#13

Acrolein

Concen: 127.93 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :

MSVOA_X

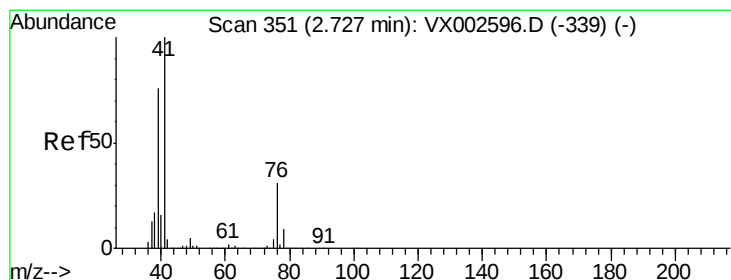
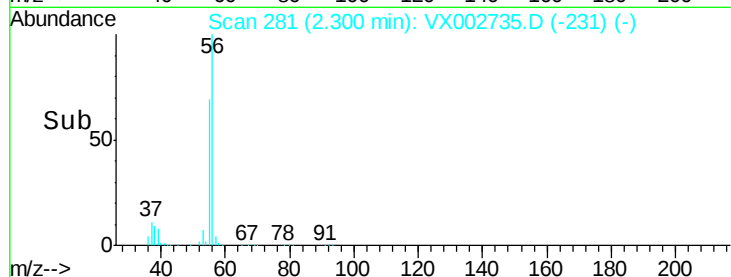
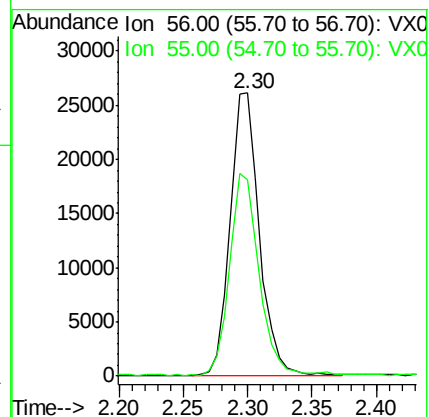
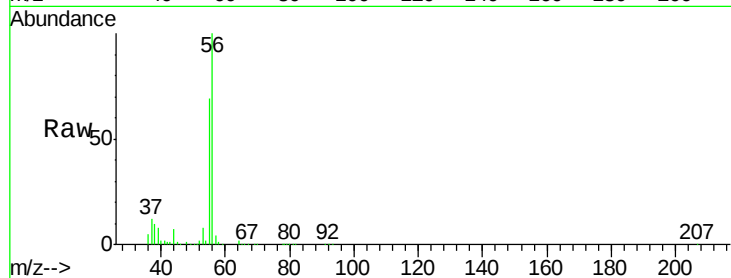
ClientSampleId :

Tot Ion: 56 Resp: 41627

Ion Ratio Lower Upper

56 100

55 72.7 57.0 85.4



#14

Allyl chloride

Concen: 17.71 ug/l

RT: 2.73 min Scan# 351

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

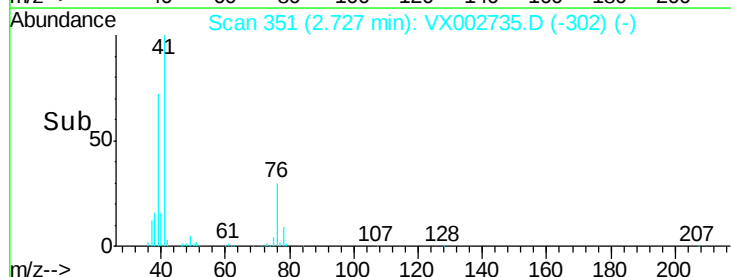
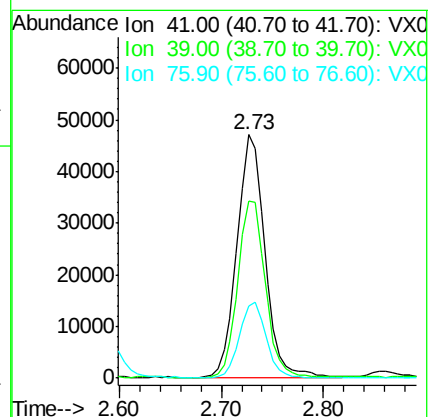
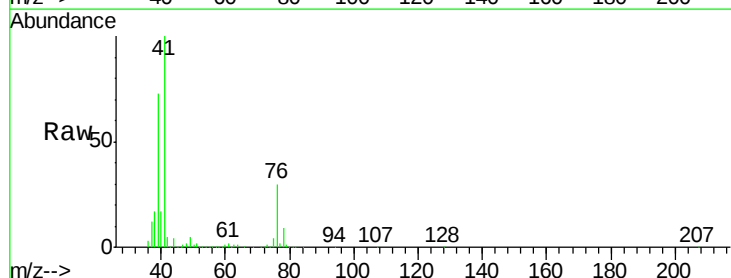
Tgt Ion: 41 Resp: 89213

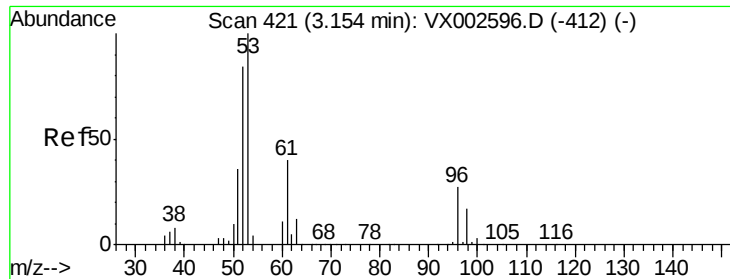
Ion Ratio Lower Upper

41 100

39 71.3 56.8 85.2

76 29.9 23.8 35.8

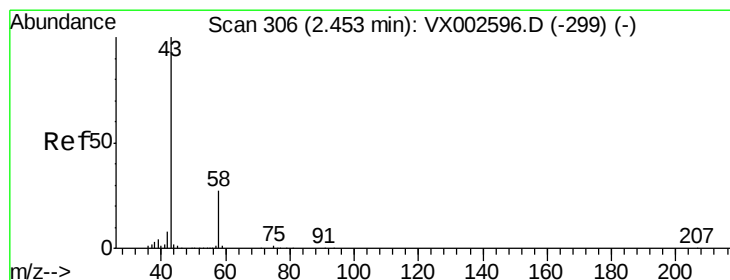
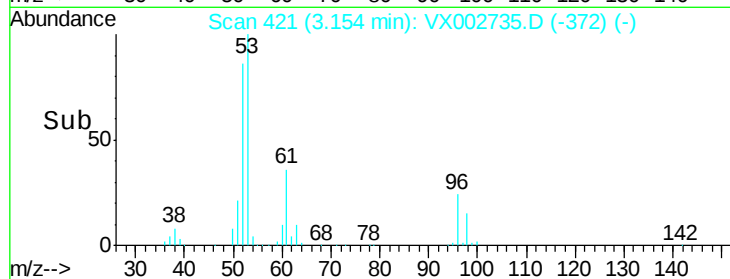
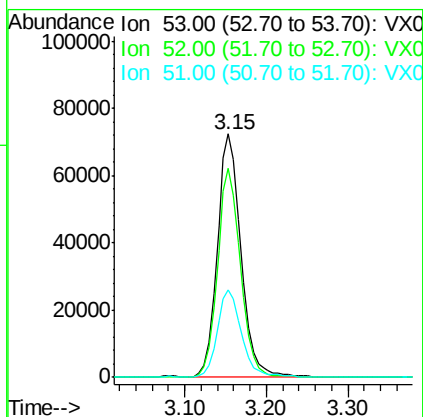
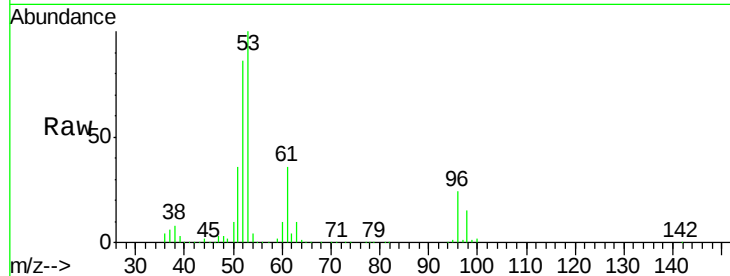




#15
 Acrylonitrile
 Concen: 93.36 ug/l
 RT: 3.15 min Scan# 421
 Delta R.T. -0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 02:03

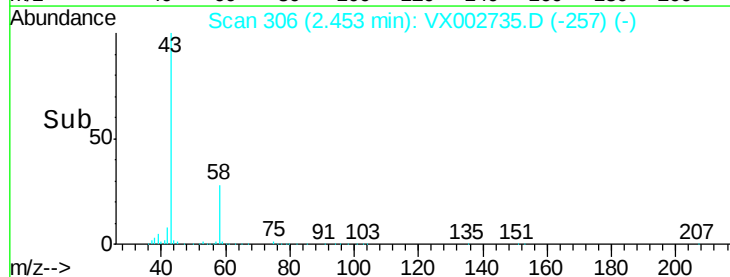
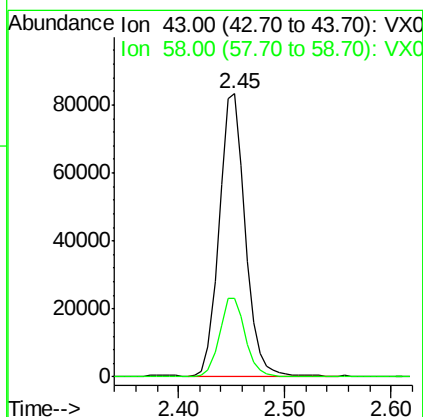
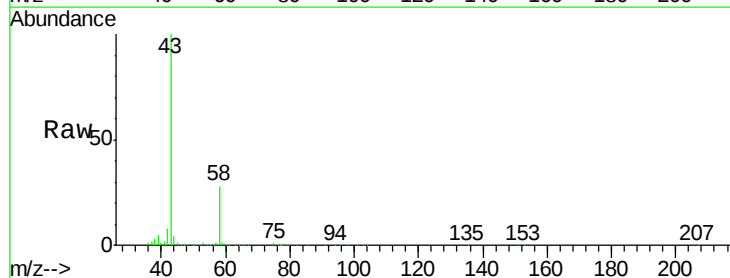
Instrument :
 MSVOA_X
 ClientSampleID :

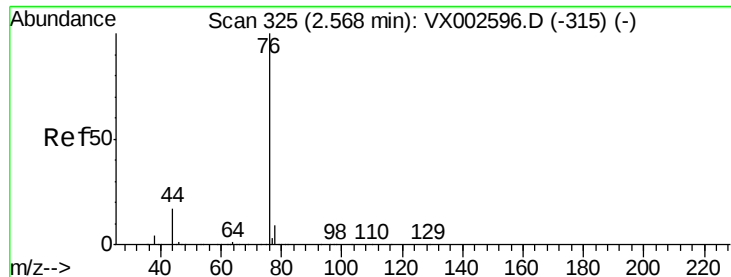
Tot Ion: 53 Resp: 145328
 Ion Ratio Lower Upper
 53 100
 52 83.8 66.7 100.1
 51 36.9 29.9 44.9



#16
 Acetone
 Concen: 92.86 ug/l
 RT: 2.45 min Scan# 306
 Delta R.T. -0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 02:03

Tgt Ion: 43 Resp: 141360
 Ion Ratio Lower Upper
 43 100
 58 27.7 22.1 33.1

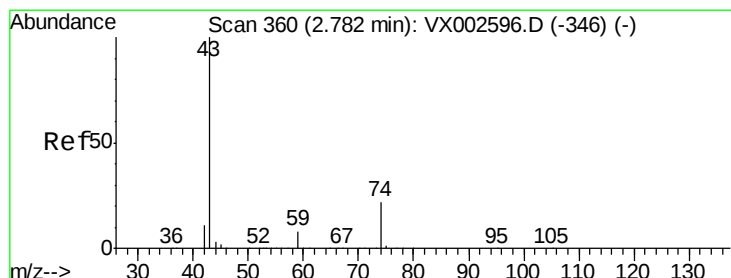
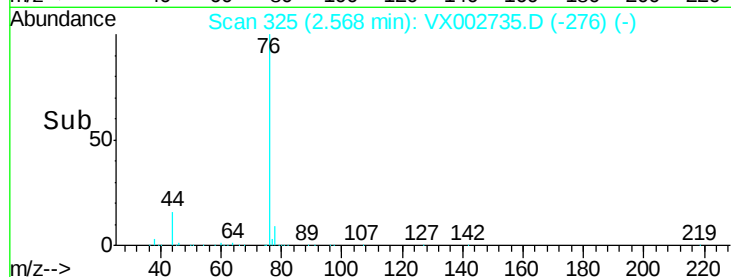
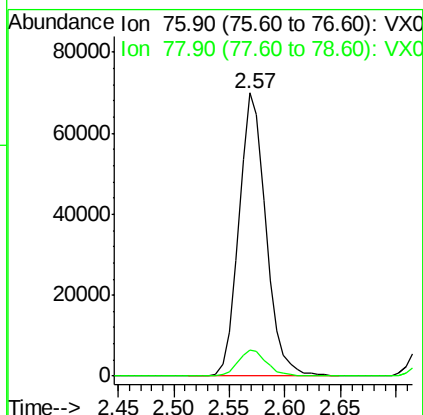
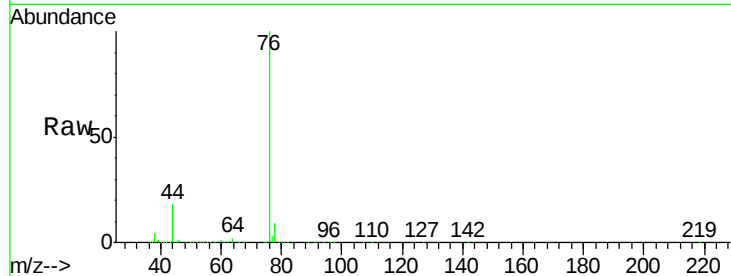




#17
Carbon Disulfide
Concen: 19.59 ug/l
RT: 2.57 min Scan# 325
Delta R.T. -0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 02:03

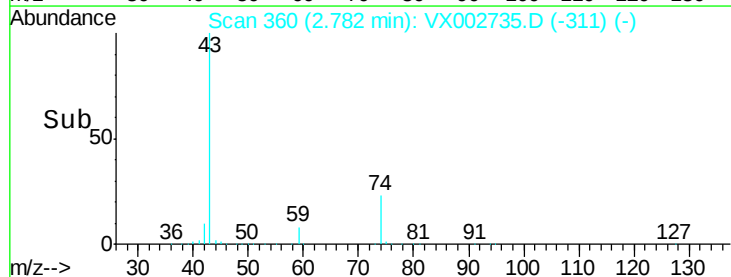
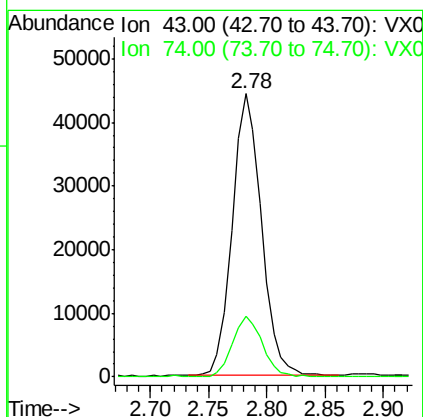
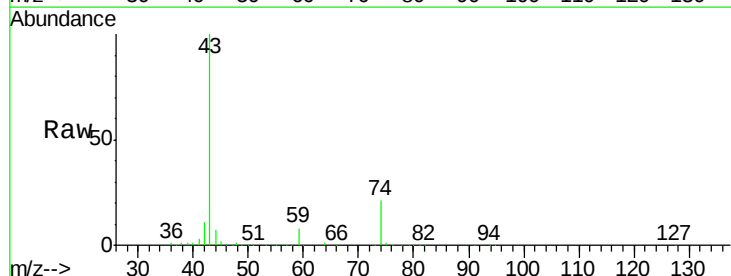
Instrument :
MSVOA_X
ClientSampleId :

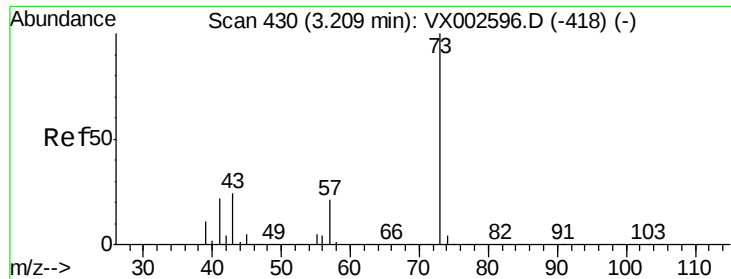
Tot Ion: 76 Resp: 117874
Ion Ratio Lower Upper
76 100
78 8.9 6.9 10.3



#18
Methyl Acetate
Concen: 19.10 ug/l
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 02:03

Tgt Ion: 43 Resp: 77461
Ion Ratio Lower Upper
43 100
74 22.3 16.7 25.1



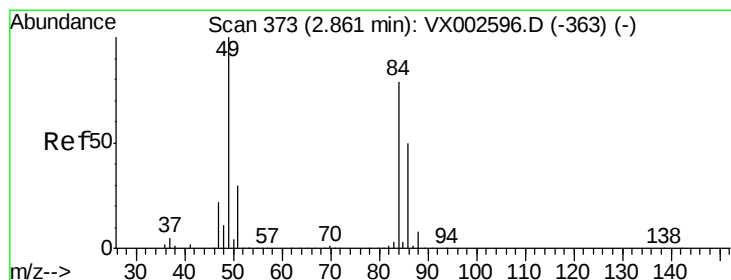
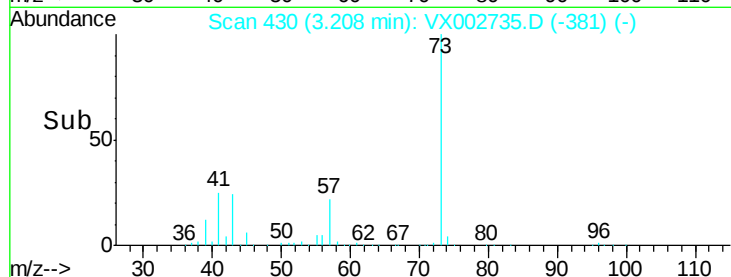
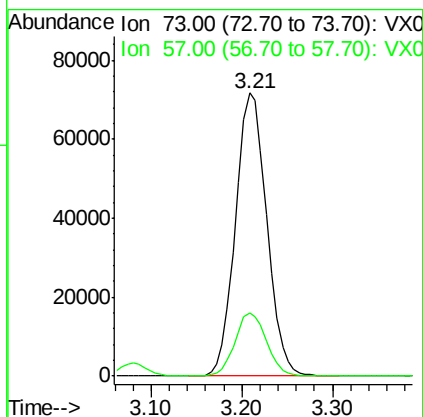
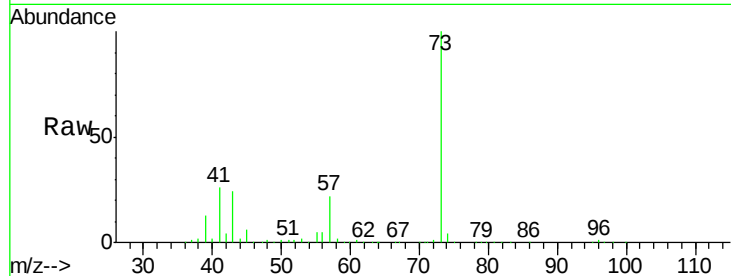


#19

Methyl tert-butyl Ether
 Concen: 18.05 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. -0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 02:03

Instrument :
 MSVOA_X
 ClientSampled :

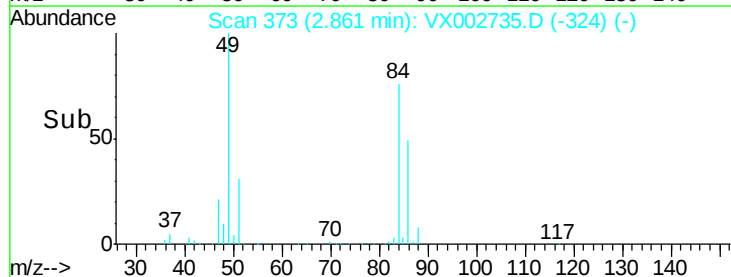
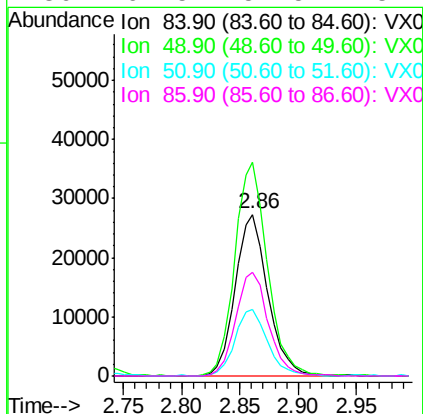
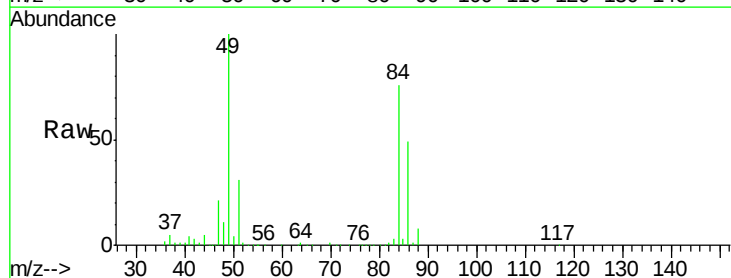
Tot Ion: 73 Resp: 171822
 Ion Ratio Lower Upper
 73 100
 57 22.3 17.7 26.5

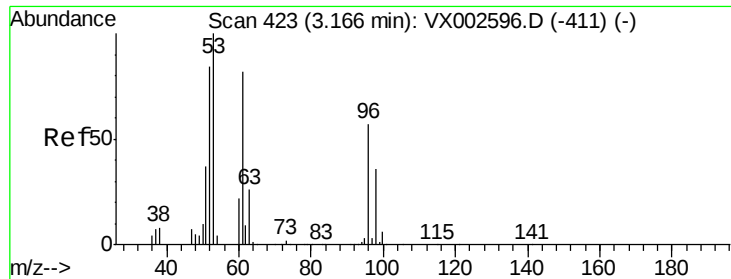


#20

Methylene Chloride
 Concen: 17.09 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. -0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 02:03

Tgt Ion: 84 Resp: 53339
 Ion Ratio Lower Upper
 84 100
 49 132.2 107.8 161.6
 51 40.7 32.8 49.2
 86 64.5 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 18.30 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :

MSVOA_X

ClientSampleId :

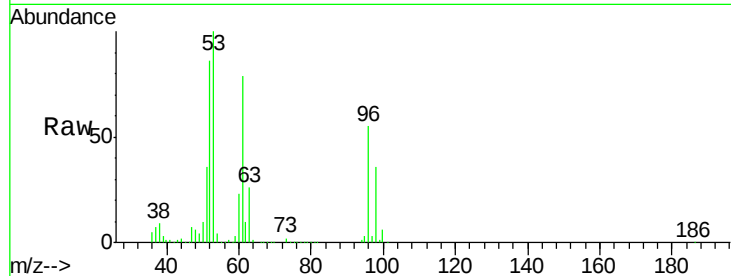
Tot Ion: 96 Resp: 50372

Ion Ratio Lower Upper

96 100

61 144.2 117.0 175.4

98 64.8 52.4 78.6

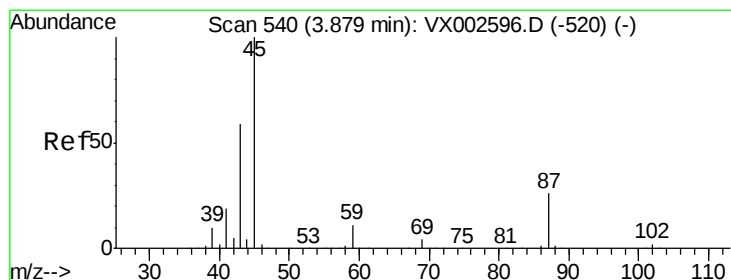
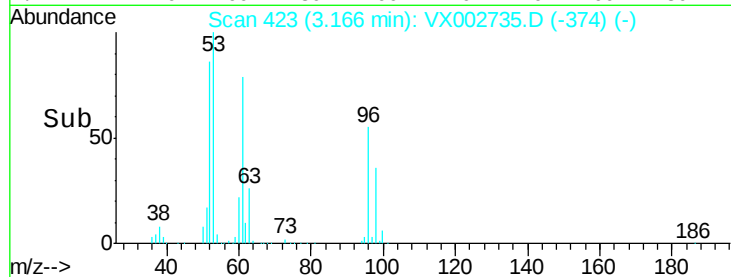
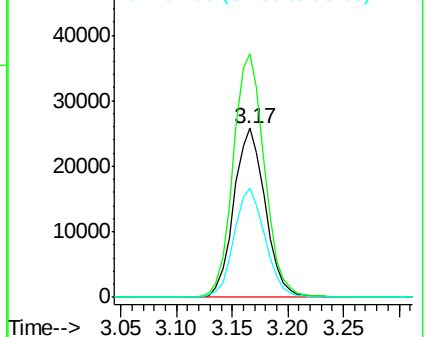


Abundance

Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#22

Diisopropyl ether

Concen: 18.49 ug/l

RT: 3.88 min Scan# 540

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Tgt Ion: 45 Resp: 168522

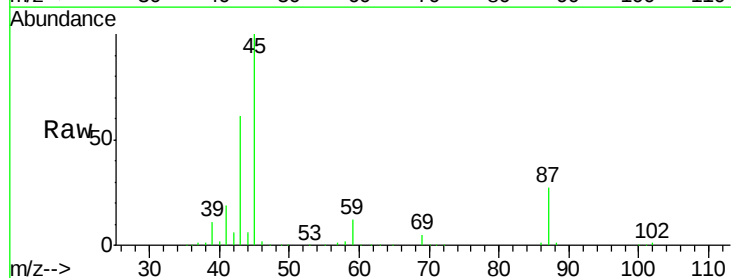
Ion Ratio Lower Upper

45 100

43 60.7 46.8 70.2

87 26.9 20.2 30.4

59 11.7 8.7 13.1



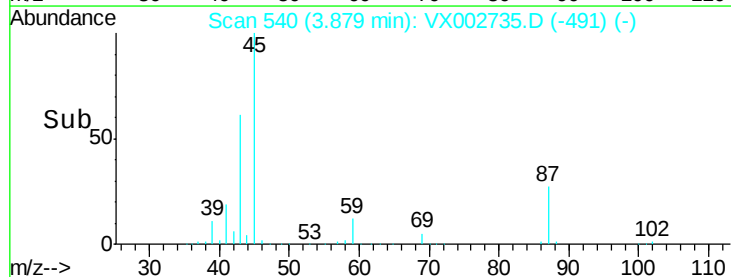
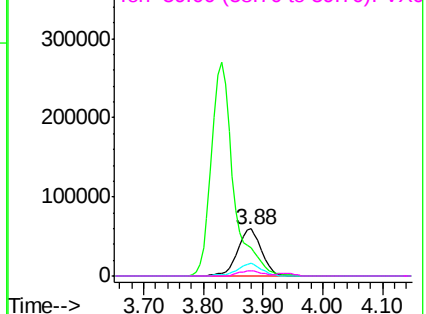
Abundance

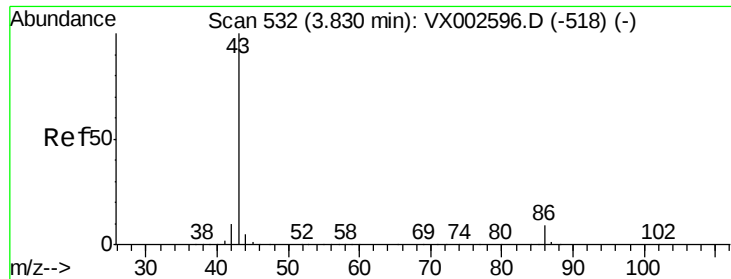
Ion 45.00 (44.70 to 45.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 87.00 (86.70 to 87.70): VX0

Ion 59.00 (58.70 to 59.70): VX0





#23

Vinyl Acetate

Concen: 91.29 ug/l

RT: 3.83 min Scan# 532

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

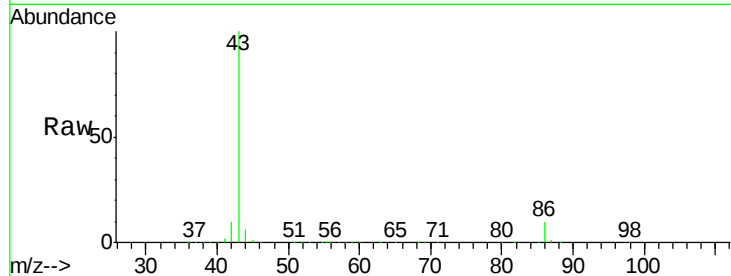
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 696360

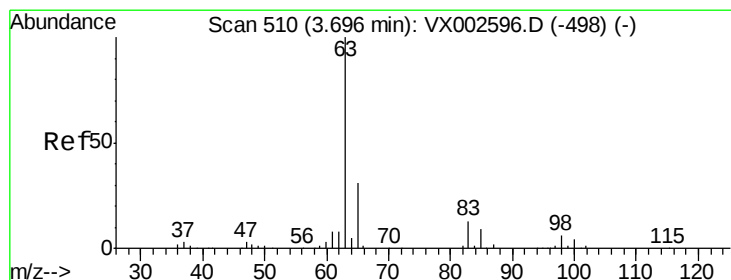
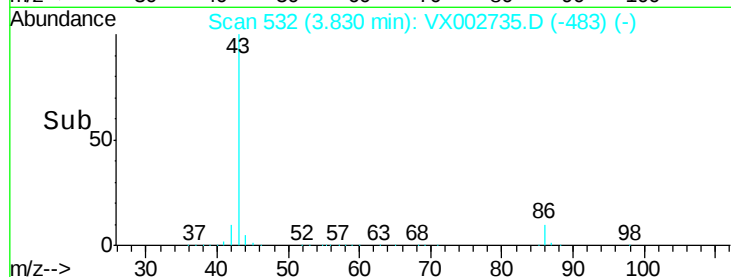
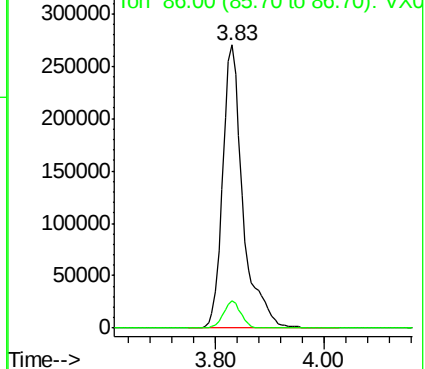
Ion Ratio Lower Upper

43 100

86 9.8 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0



#24

1,1-Dichloroethane

Concen: 18.62 ug/l

RT: 3.70 min Scan# 510

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

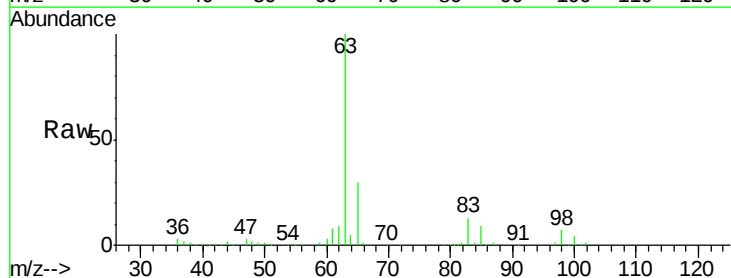
Tgt Ion: 63 Resp: 92107

Ion Ratio Lower Upper

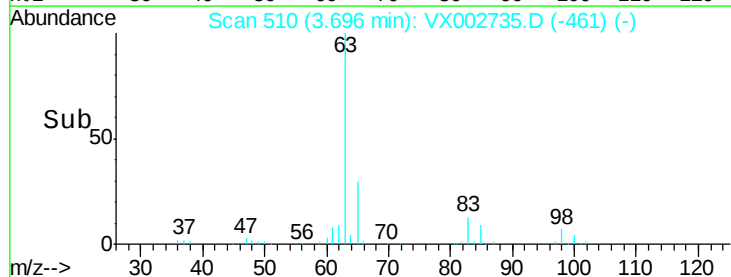
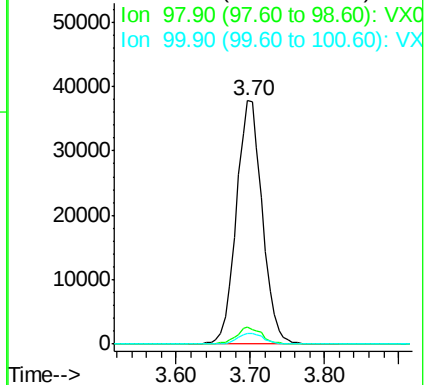
63 100

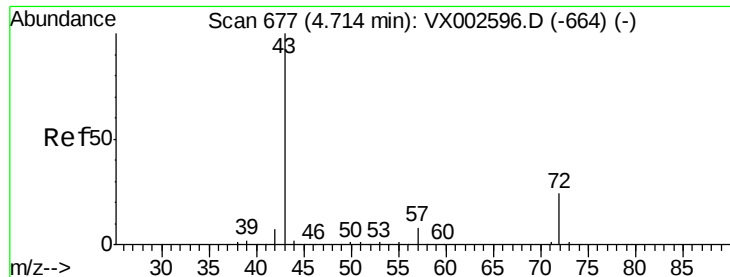
98 7.0 3.4 10.2

100 4.3 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0





#25

2-Butanone

Concen: 98.49 ug/l

RT: 4.71 min Scan# 677

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :

MSVOA_X

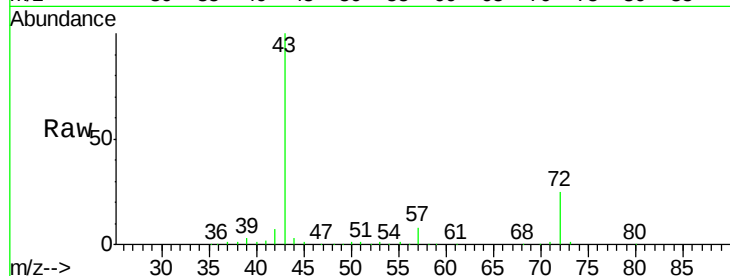
ClientSampled :

Tot Ion: 43 Resp: 196909

Ion Ratio Lower Upper

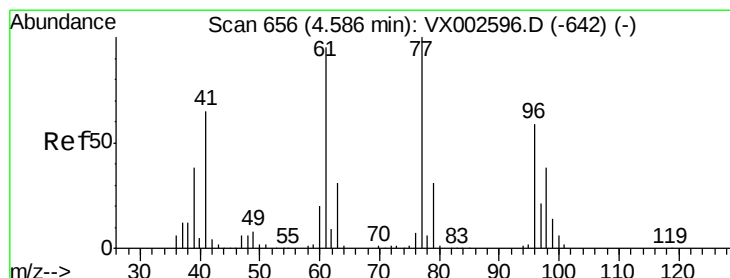
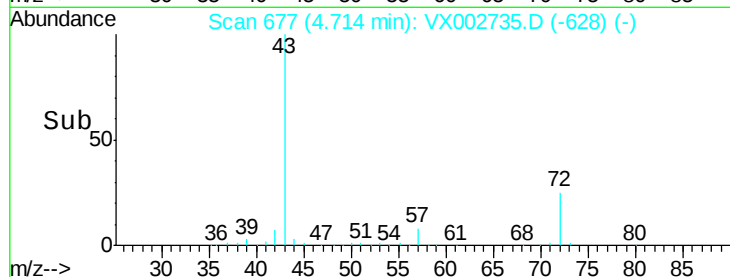
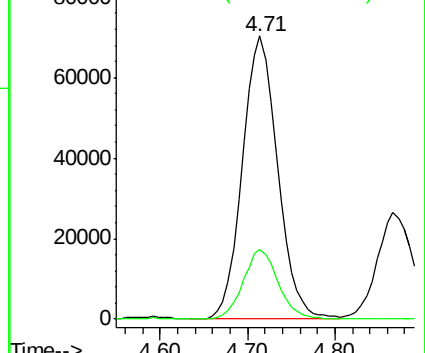
43 100

72 24.4 18.5 27.7



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 12.82 ug/l

RT: 4.59 min Scan# 656

Delta R.T. -0.00 min

Lab File: VX002735.D

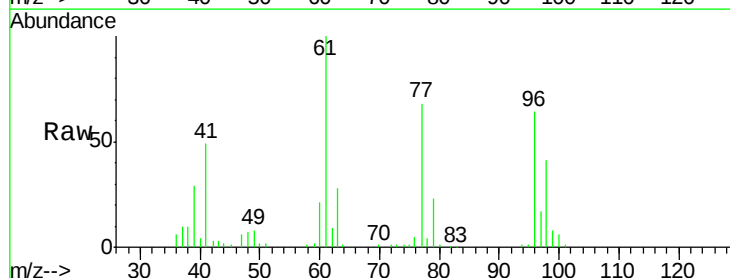
Acq: 20 Jun 2018 02:03

Tgt Ion: 77 Resp: 45581

Ion Ratio Lower Upper

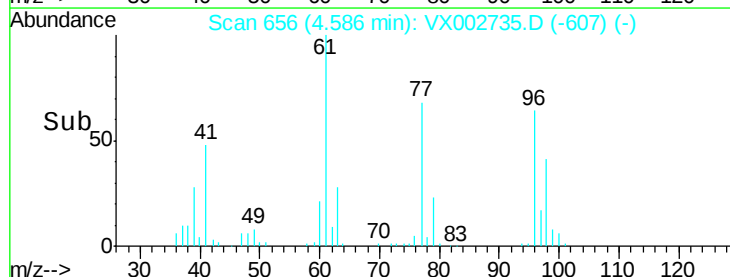
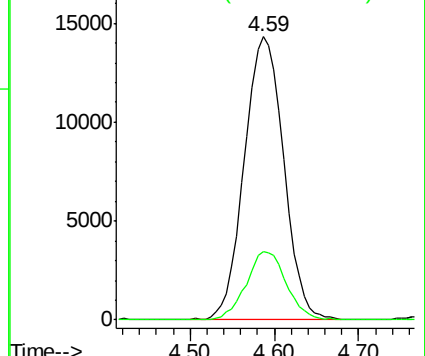
77 100

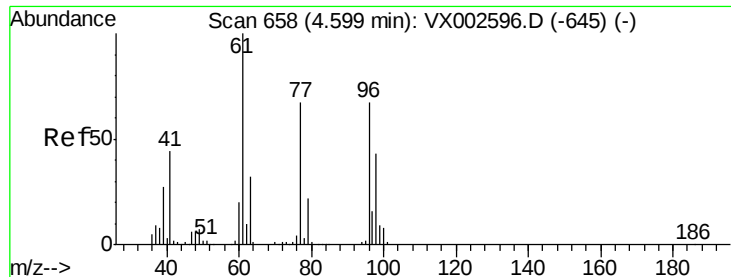
97 24.5 11.2 33.5



Abundance Ion 76.90 (76.60 to 77.60): VX0

Ion 96.90 (96.60 to 97.60): VX0





#27

cis-1,2-Dichloroethene

Concen: 19.07 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :

MSVOA_X

ClientSampleId :

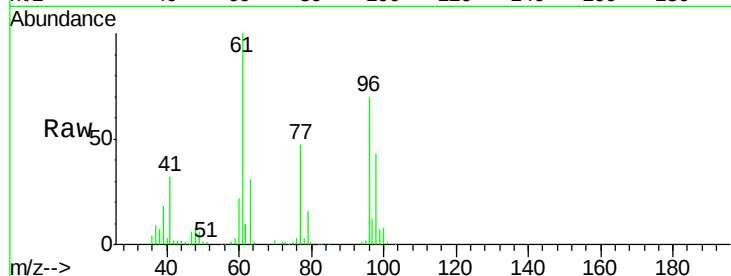
Tot Ion: 96 Resp: 53396

Ion Ratio Lower Upper

96 100

61 154.5 0.0 330.2

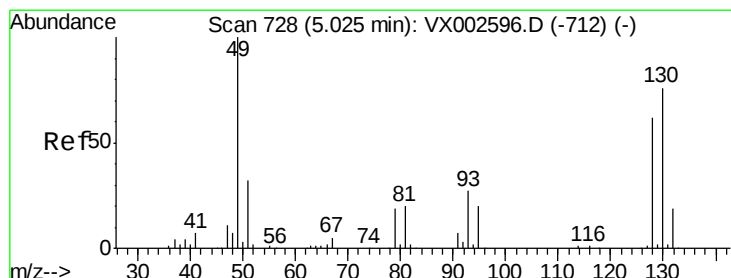
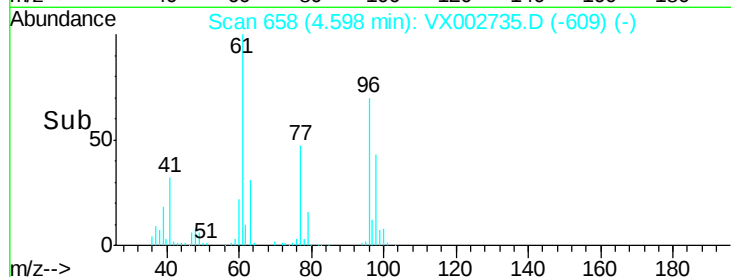
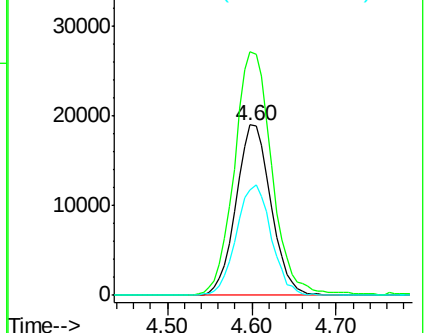
98 64.8 0.0 130.2



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: 18.04 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

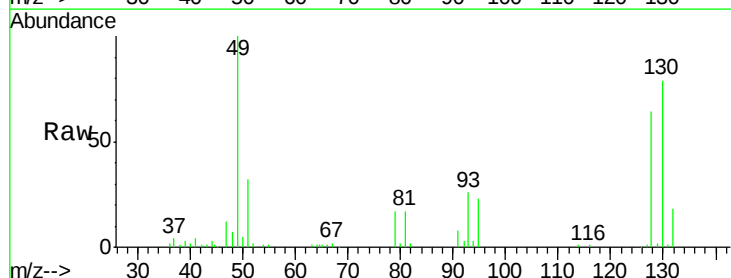
Tgt Ion: 49 Resp: 41797

Ion Ratio Lower Upper

49 100

129 2.4 0.0 4.2

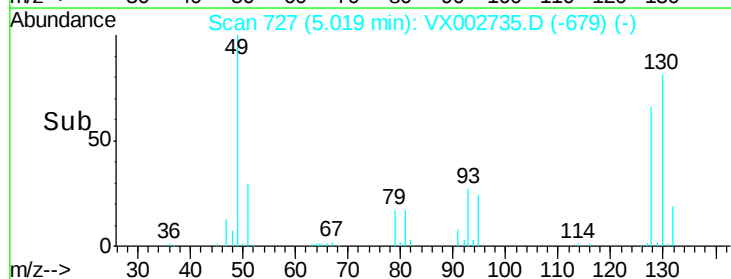
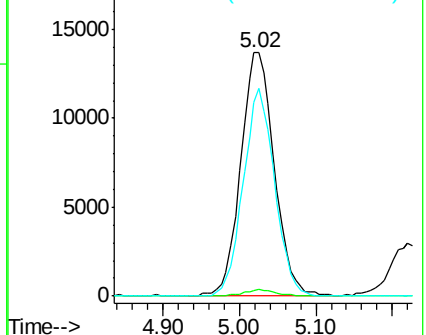
130 79.7 61.2 91.8

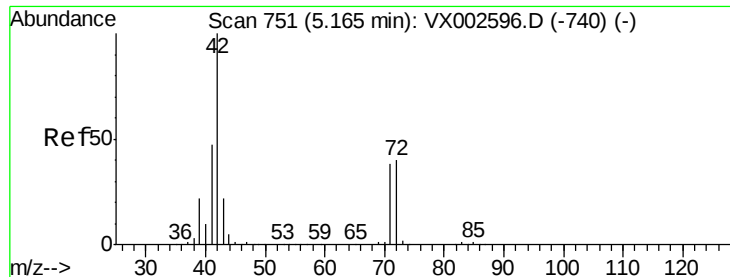


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

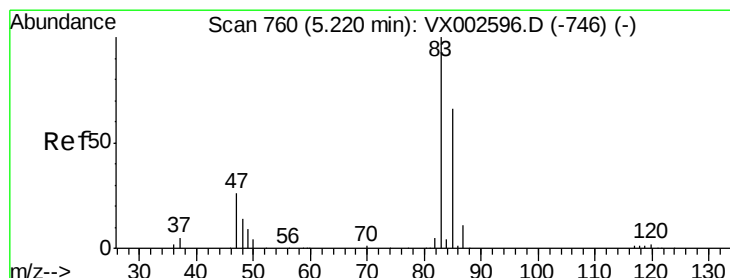
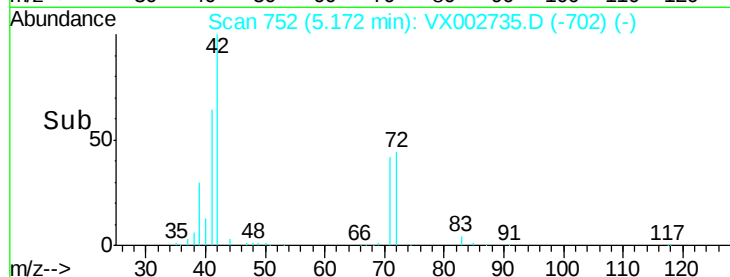
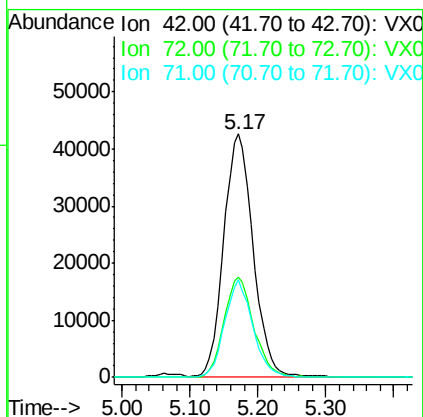
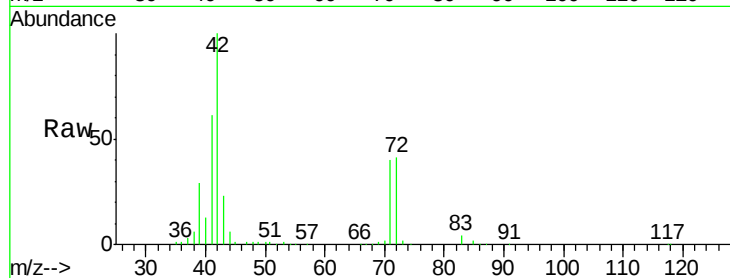




#29
Tetrahydrofuran
Concen: 96.97 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002735.D
Acq: 20 Jun 2018 02:03

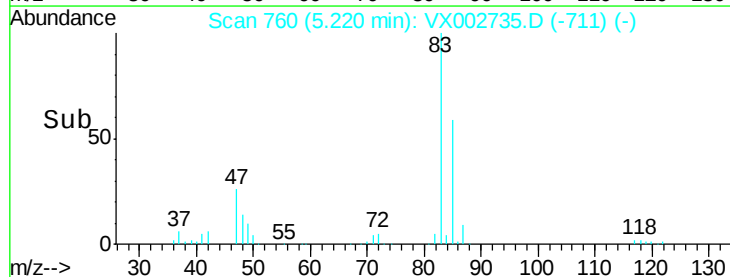
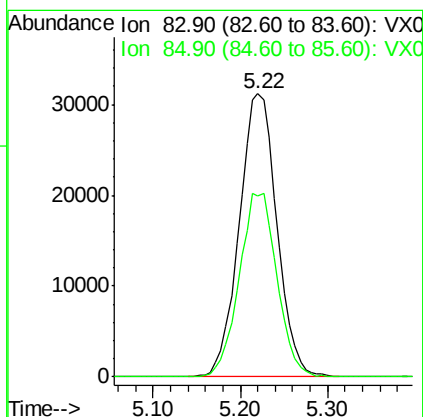
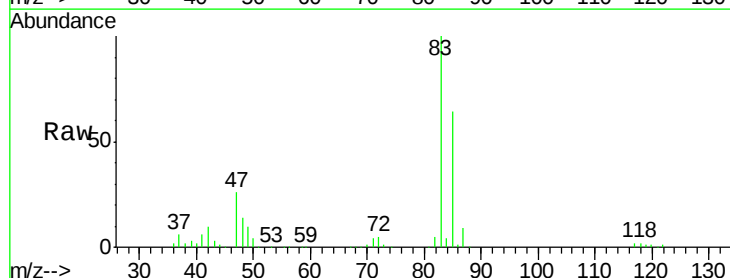
Instrument :
MSVOA_X
ClientSampled :

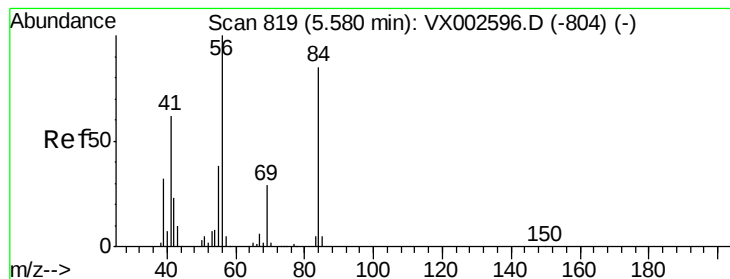
Tot Ion: 42 Resp: 127062
Ion Ratio Lower Upper
42 100
72 42.0 32.0 48.0
71 38.6 30.1 45.1



#30
Chloroform
Concen: 19.56 ug/l
RT: 5.22 min Scan# 760
Delta R.T. -0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 02:03

Tgt Ion: 83 Resp: 93289
Ion Ratio Lower Upper
83 100
85 64.0 50.4 75.6





#31

Cvclohexane

Concen: 18.72 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :
MSVOA_X
ClientSampleId :

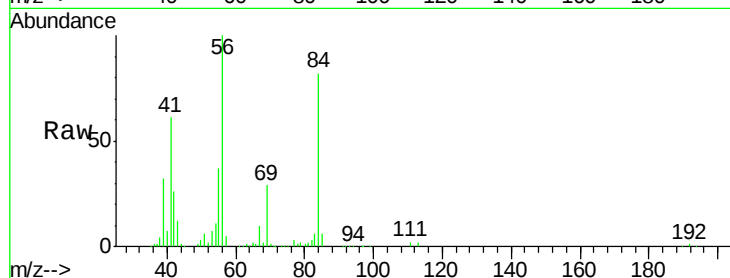
Tot Ion: 56 Resp: 76254

Ion Ratio Lower Upper

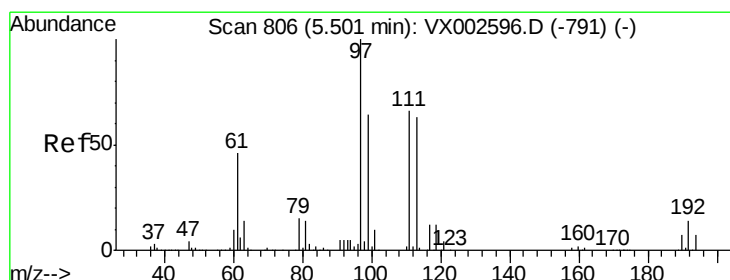
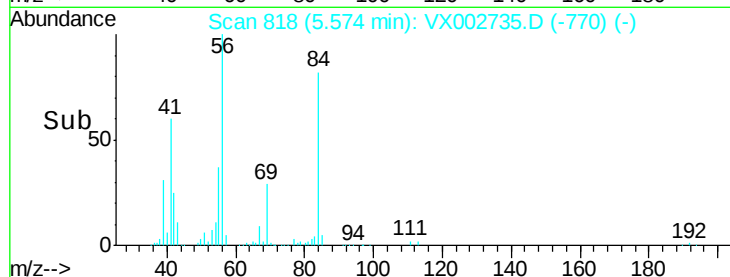
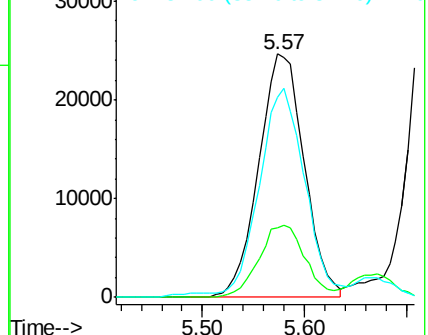
56 100

69 28.5 23.7 35.5

84 80.1 64.1 96.1



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



#32

1,1,1-Trichloroethane

Concen: 20.07 ug/l

RT: 5.50 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

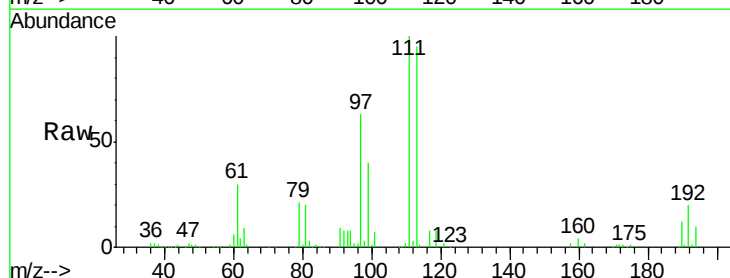
Tgt Ion: 97 Resp: 80076

Ion Ratio Lower Upper

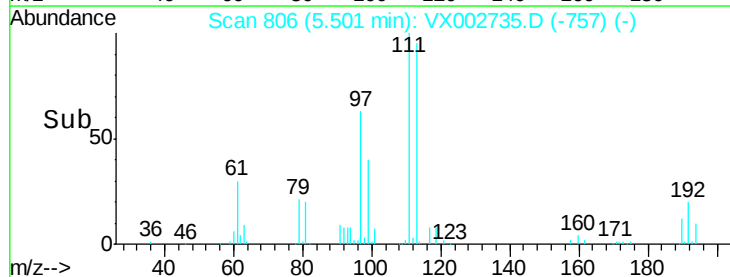
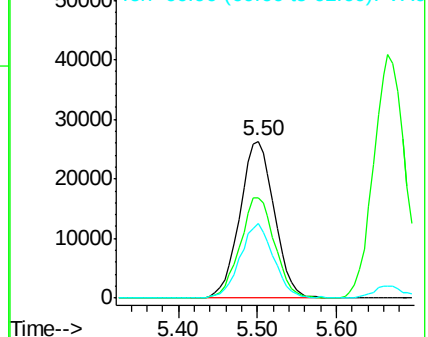
97 100

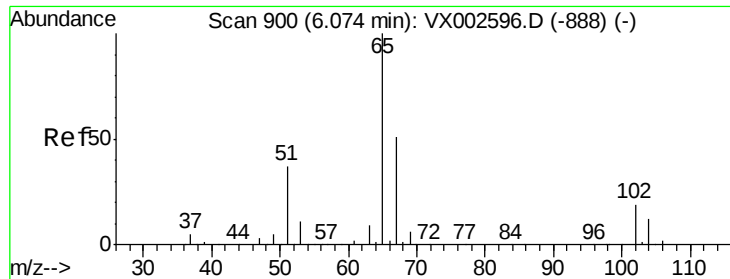
99 64.3 51.6 77.4

61 46.0 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: 45.22 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :

MSVOA_X

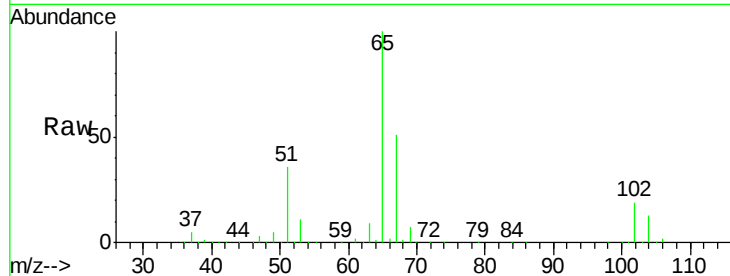
ClientSampleId :

Tot Ion: 65 Resp: 156030

Ion Ratio Lower Upper

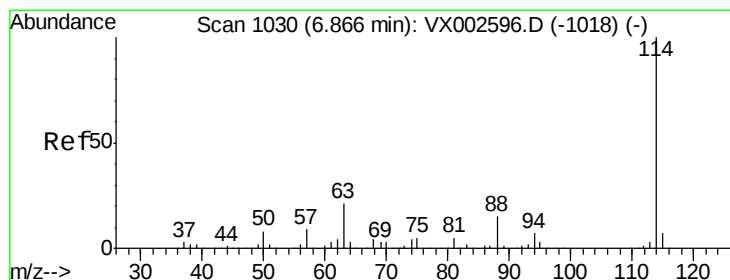
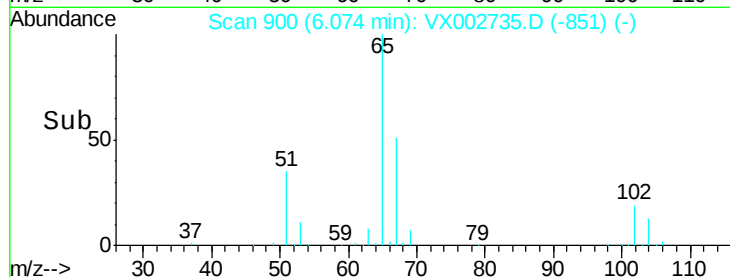
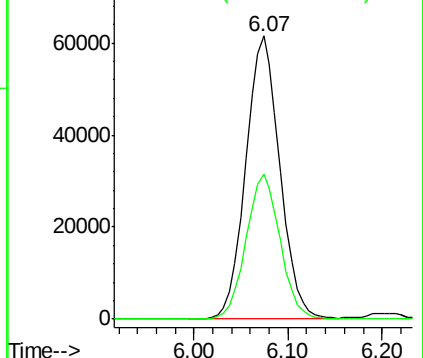
65 100

67 51.2 0.0 102.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

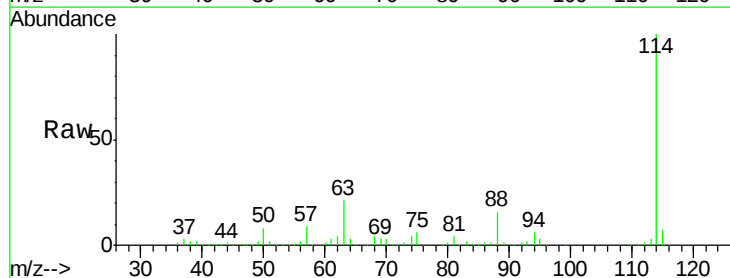
Tgt Ion: 114 Resp: 322412

Ion Ratio Lower Upper

114 100

63 20.6 0.0 41.4

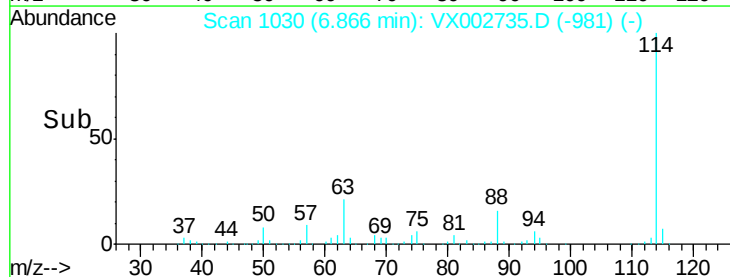
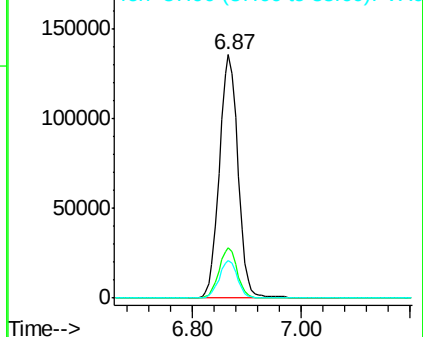
88 15.6 0.0 30.0

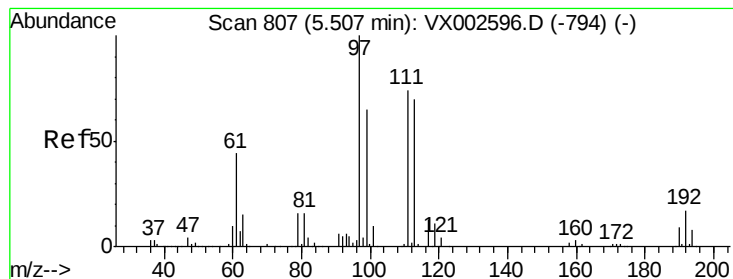


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 47.72 ug/l

RT: 5.51 min Scan# 807

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :

MSVOA_X

ClientSampled :

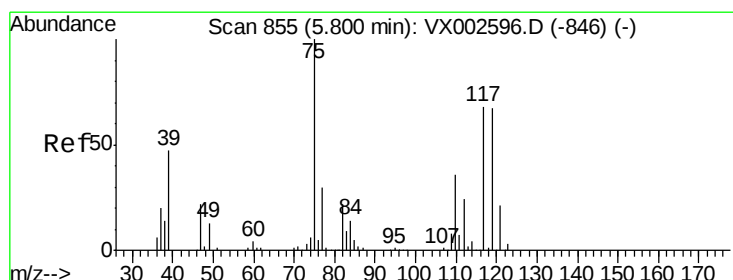
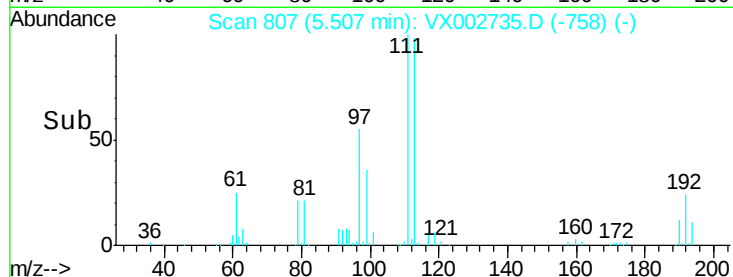
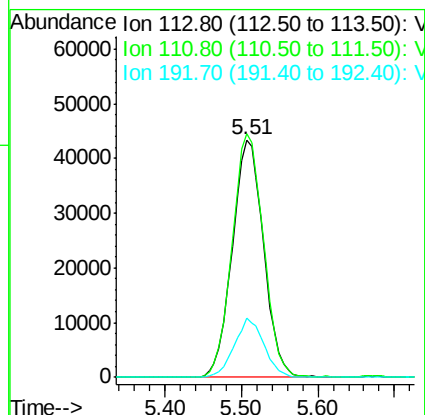
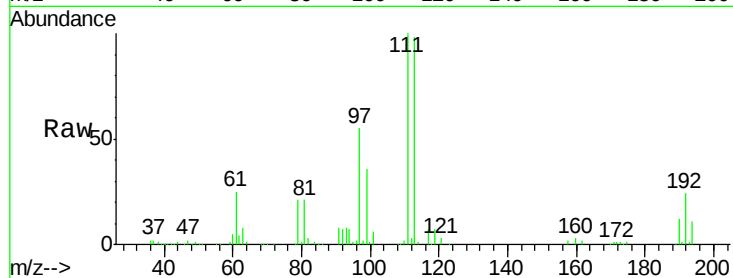
Tot Ion:113 Resp: 122792

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 23.6 19.1 28.7



#36

1,1-Dichloropropene

Concen: 19.28 ug/l

RT: 5.80 min Scan# 855

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

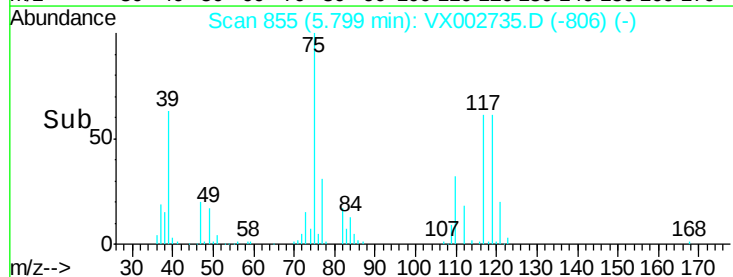
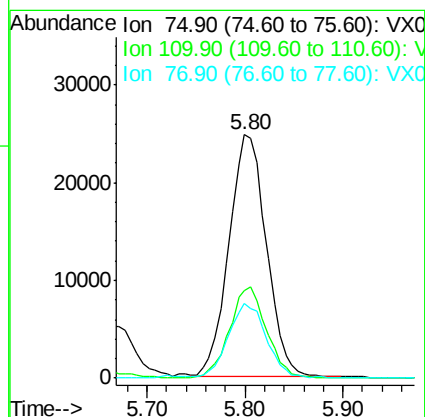
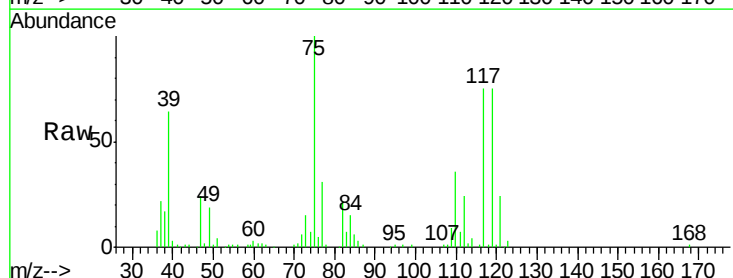
Tgt Ion: 75 Resp: 66014

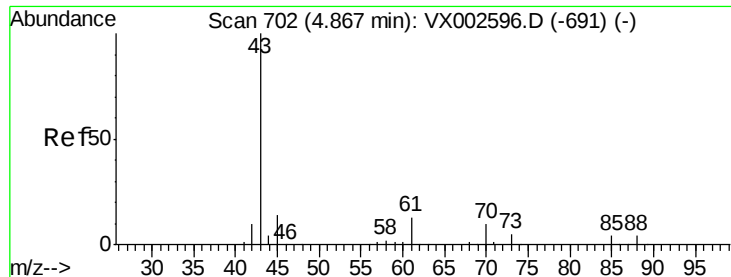
Ion Ratio Lower Upper

75 100

110 36.9 18.1 54.4

77 31.6 24.3 36.5





#37

Ethyl Acetate

Concen: 19.59 ug/l

RT: 4.87 min Scan# 702

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :

MSVOA_X

ClientSampleId :

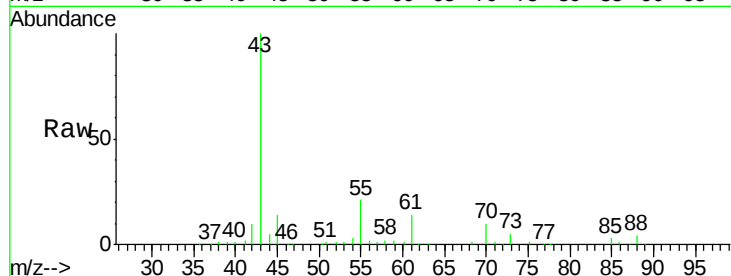
Tot Ion: 43 Resp: 75915

Ion Ratio Lower Upper

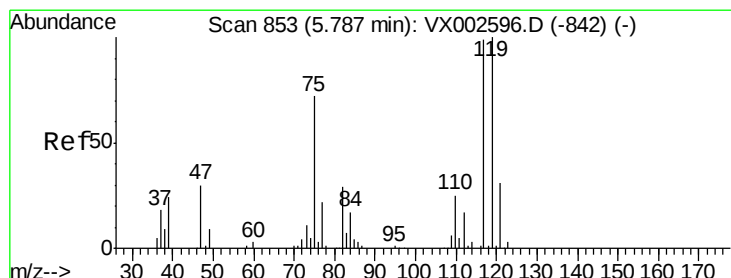
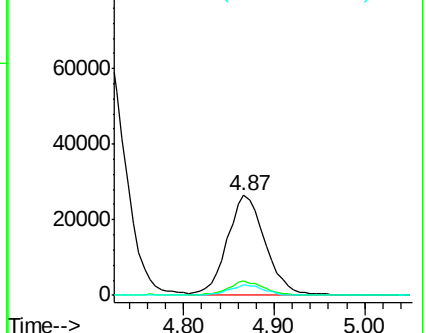
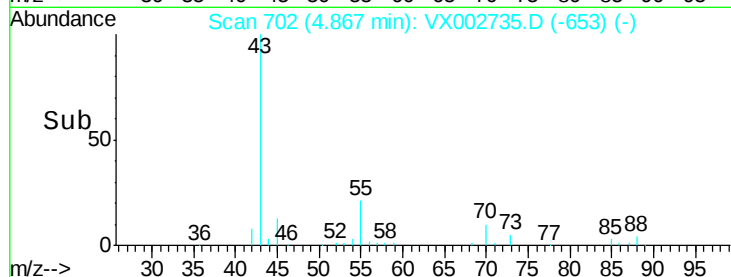
43 100

61 14.0 10.4 15.6

70 10.0 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX002735.D (-653) (-)



#38

Carbon Tetrachloride

Concen: 20.83 ug/l

RT: 5.78 min Scan# 852

Delta R.T. -0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

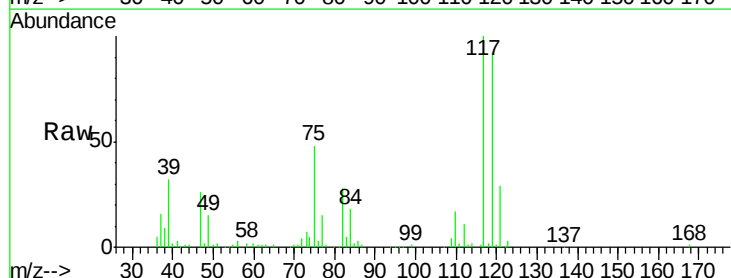
Tgt Ion: 117 Resp: 71027

Ion Ratio Lower Upper

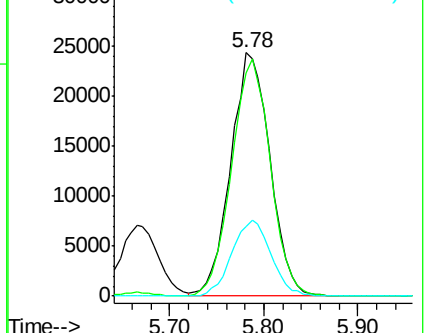
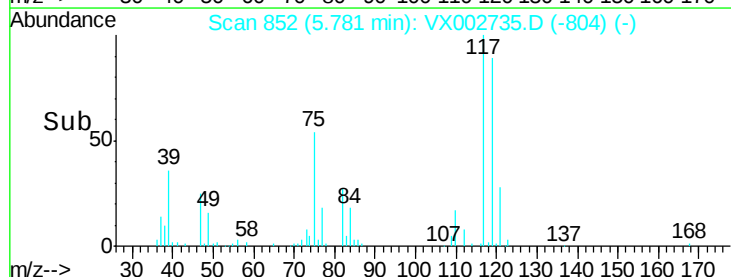
117 100

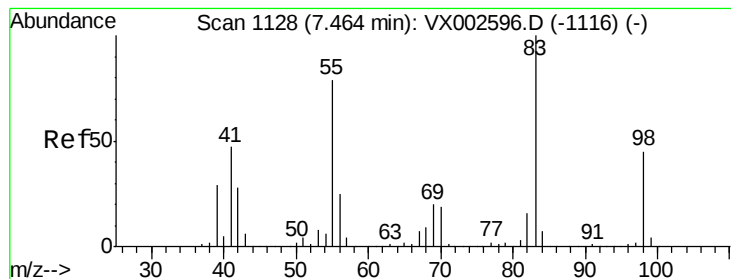
119 91.8 77.4 116.0

121 28.6 24.4 36.6



Abundance Ion 116.80 (116.50 to 117.50): VX002735.D (-804) (-)





#39

Methylvlcyclohexane

Concen: 18.62 ug/l

RT: 7.46 min Scan# 1128

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :

MSVOA_X

ClientSampled :

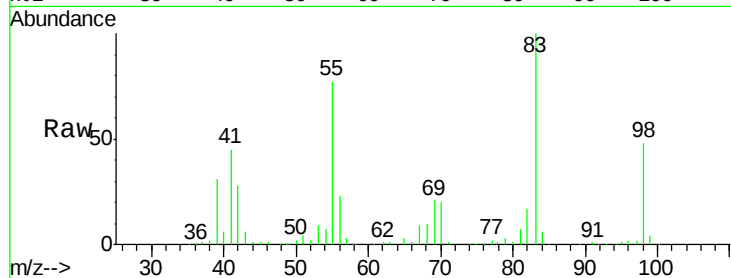
Tot Ion: 83 Resp: 74520

Ion Ratio Lower Upper

83 100

55 77.2 65.4 98.0

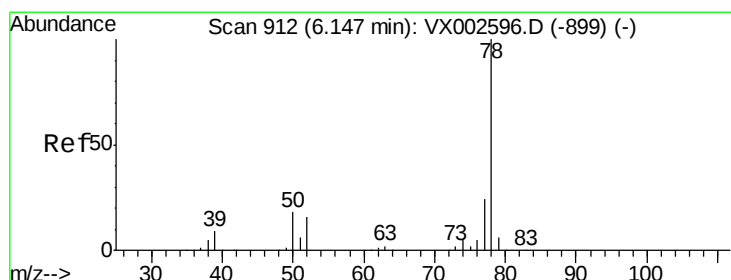
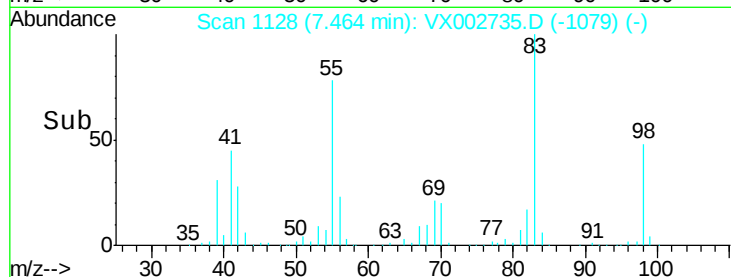
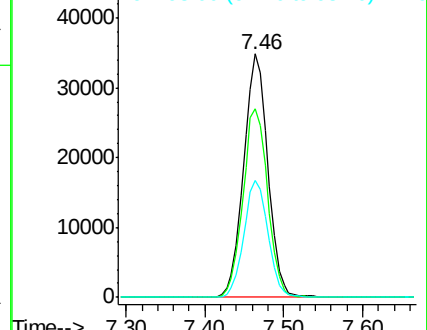
98 48.1 37.4 56.0



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0



#40

Benzene

Concen: 19.53 ug/l

RT: 6.15 min Scan# 913

Delta R.T. 0.01 min

Lab File: VX002735.D

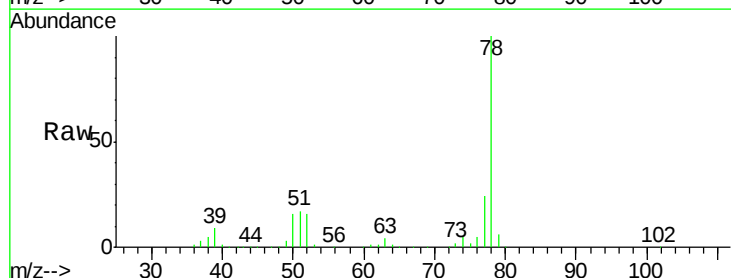
Acq: 20 Jun 2018 02:03

Tgt Ion: 78 Resp: 200502

Ion Ratio Lower Upper

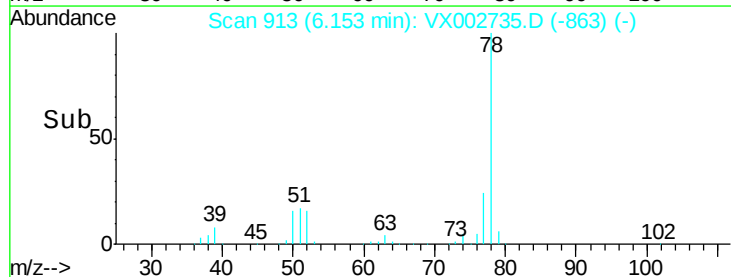
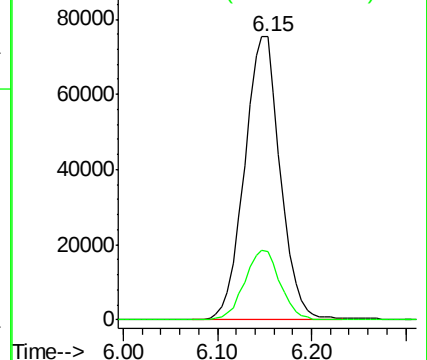
78 100

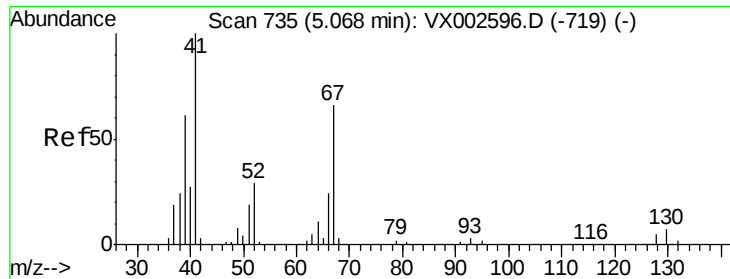
77 24.1 19.1 28.7



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0

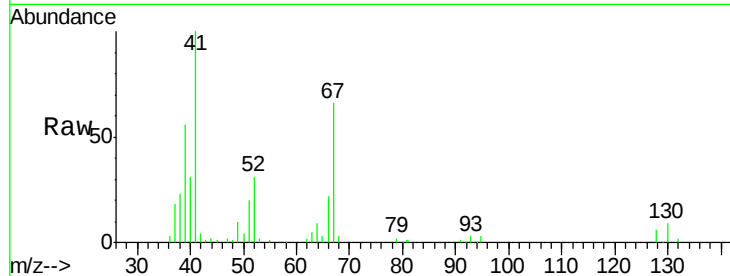




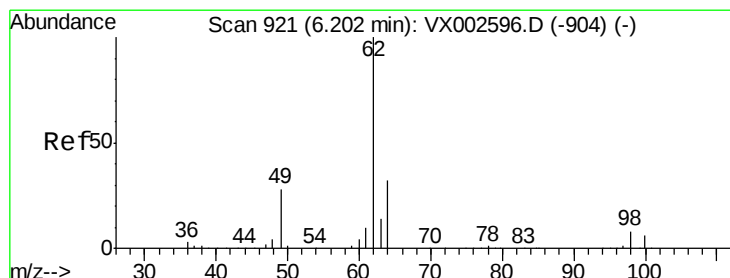
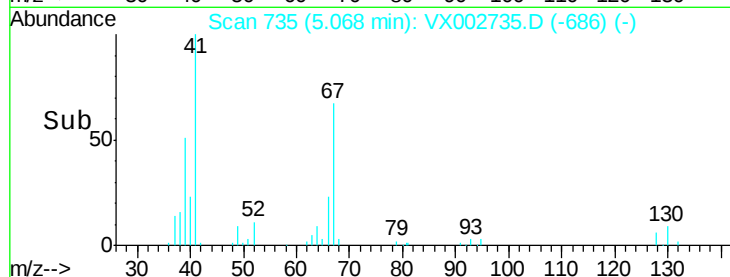
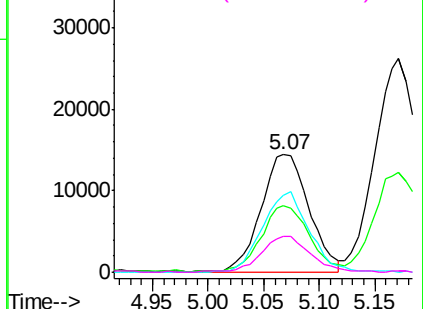
#41
Methacrylonitrile
Concen: 19.57 ug/l
RT: 5.07 min Scan# 735
Delta R.T. -0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 02:03

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	42833
Ion	Ratio	Lower	Upper
41	100		
39	57.1	45.8	68.6
67	67.9	51.3	76.9
52	31.8	23.0	34.6

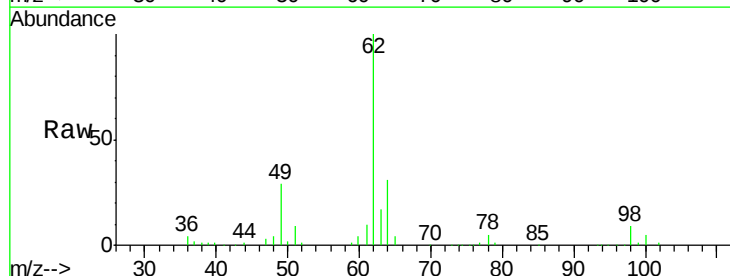


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

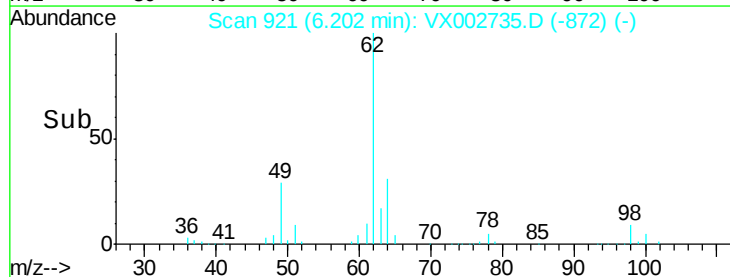
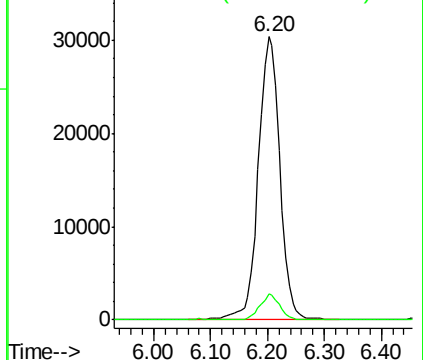


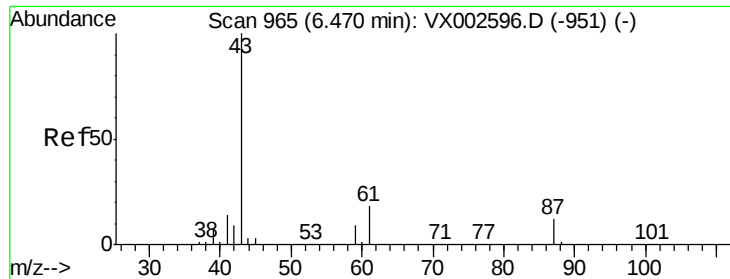
#42
1,2-Dichloroethane
Concen: 20.06 ug/l
RT: 6.20 min Scan# 921
Delta R.T. -0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 02:03

Tgt Ion:	62	Resp:	79737
Ion	Ratio	Lower	Upper
62	100		
98	8.4	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: 18.90 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :

MSVOA_X

ClientSampleId :

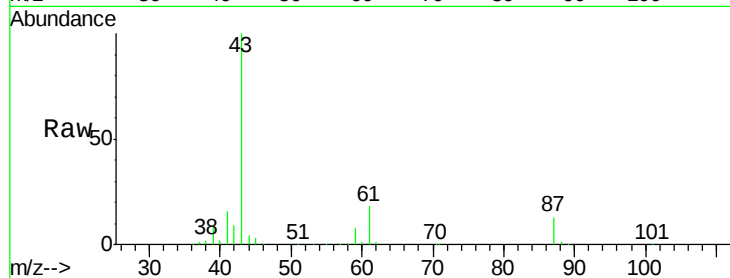
Tot Ion: 43 Resp: 121384

Ion Ratio Lower Upper

43 100

61 18.2 14.4 21.6

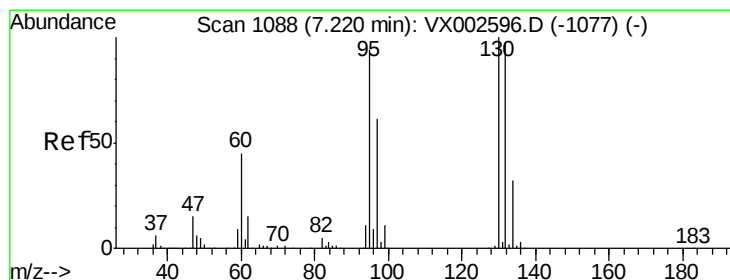
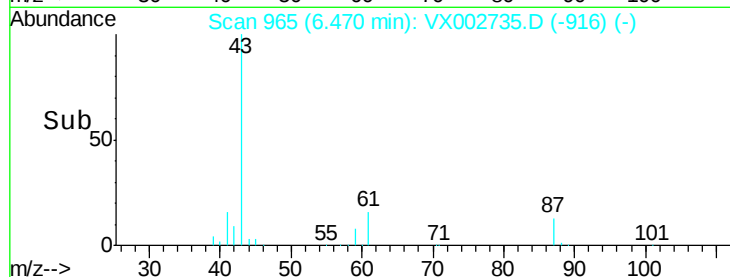
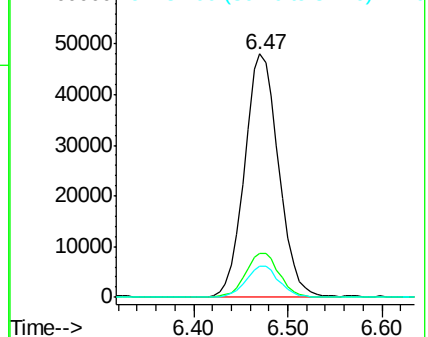
87 12.6 9.5 14.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#44

Trichloroethene

Concen: 19.87 ug/l

RT: 7.21 min Scan# 1087

Delta R.T. -0.01 min

Lab File: VX002735.D

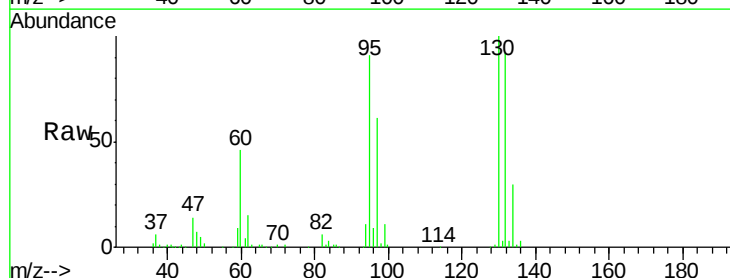
Acq: 20 Jun 2018 02:03

Tgt Ion:130 Resp: 58880

Ion Ratio Lower Upper

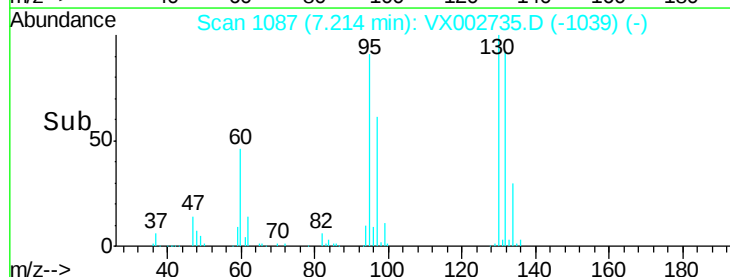
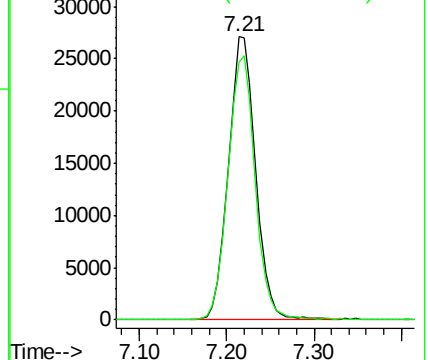
130 100

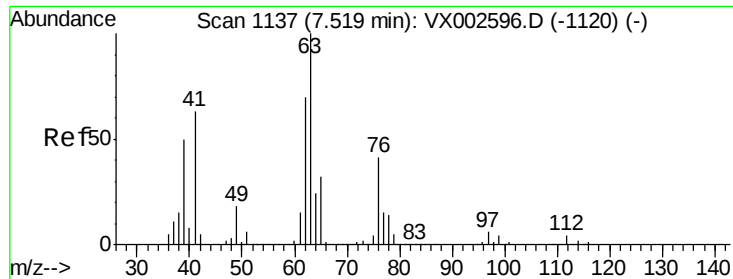
95 91.3 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0

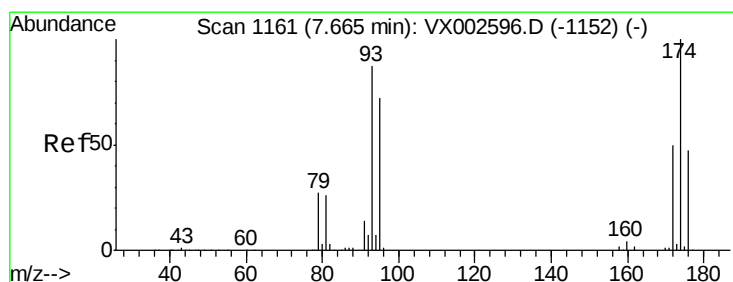
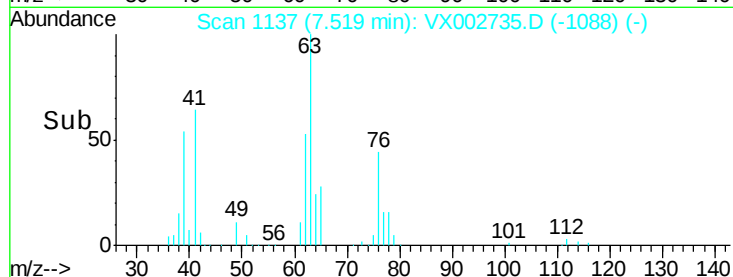
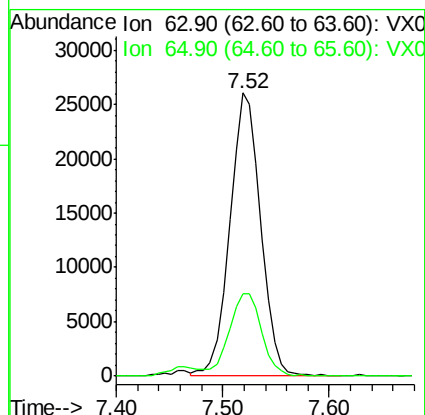
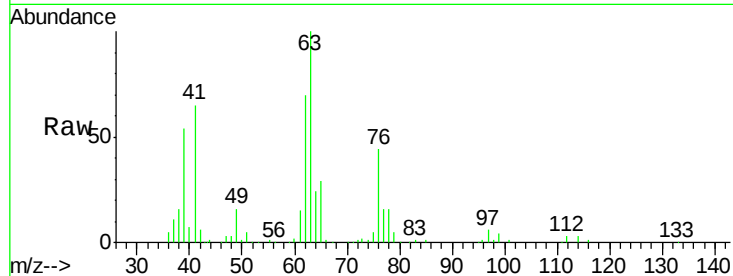




#45
 1,2-Dichloropropane
 Concen: 19.43 ug/l
 RT: 7.52 min Scan# 1137
 Delta R.T. -0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 02:03

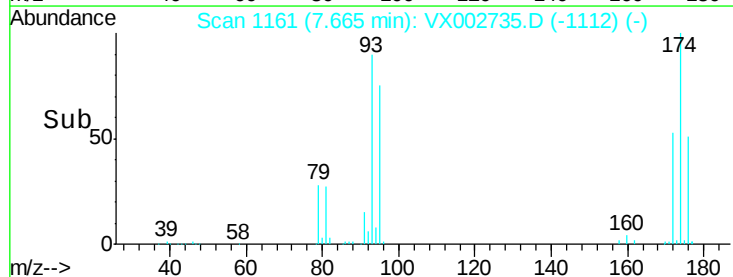
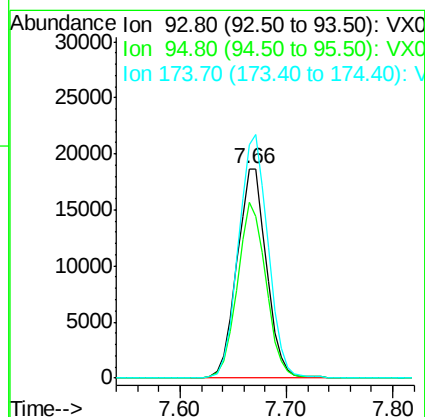
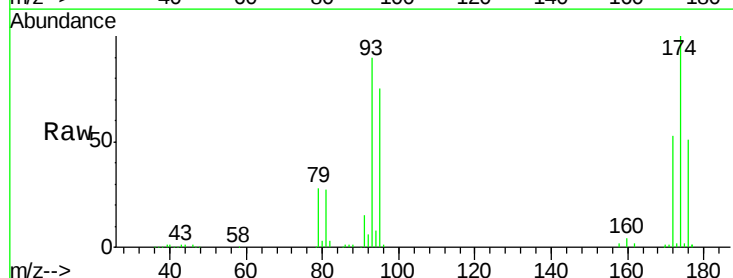
Instrument :
 MSVOA_X
 ClientSampleId :

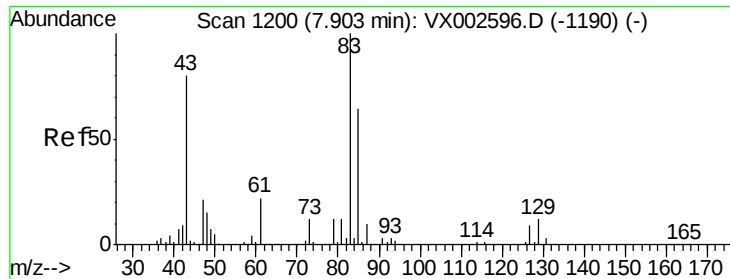
Tot Ion: 63 Resp: 52505
 Ion Ratio Lower Upper
 63 100
 65 29.4 24.7 37.1



#46
 Dibromomethane
 Concen: 20.18 ug/l
 RT: 7.66 min Scan# 1161
 Delta R.T. -0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 02:03

Tgt Ion: 93 Resp: 36484
 Ion Ratio Lower Upper
 93 100
 95 81.1 65.9 98.9
 174 115.8 92.4 138.6





#47

Bromodichloromethane

Concen: 20.39 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :
MSVOA_X
ClientSampleId :

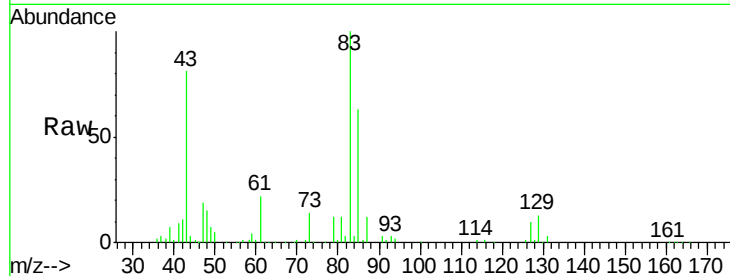
Tot Ion: 83 Resp: 65022

Ion Ratio Lower Upper

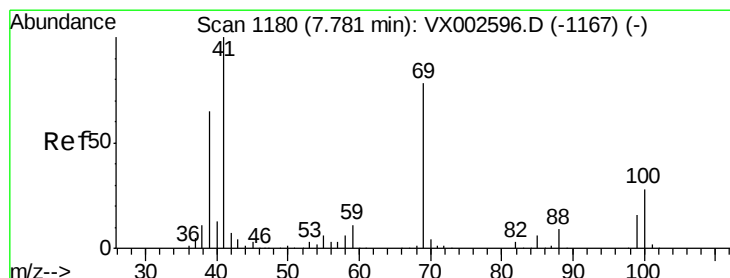
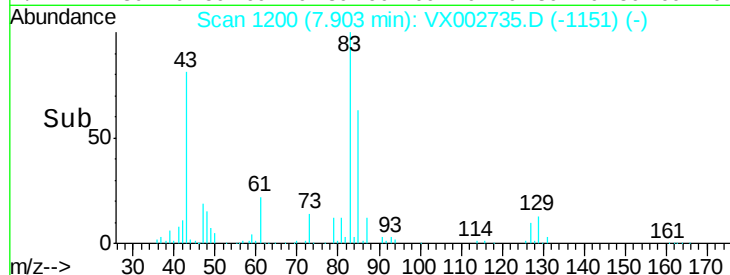
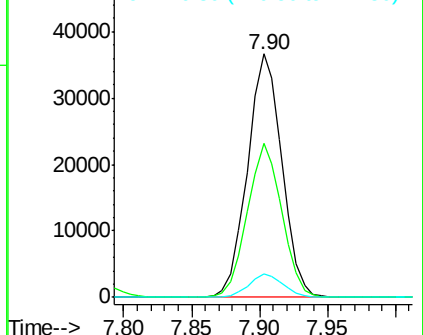
83 100

85 63.1 50.3 75.5

127 9.8 7.0 10.4



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



#48

Methyl methacrylate

Concen: 19.32 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

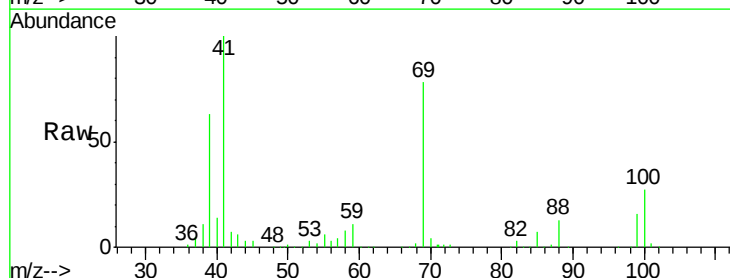
Tgt Ion: 41 Resp: 63404

Ion Ratio Lower Upper

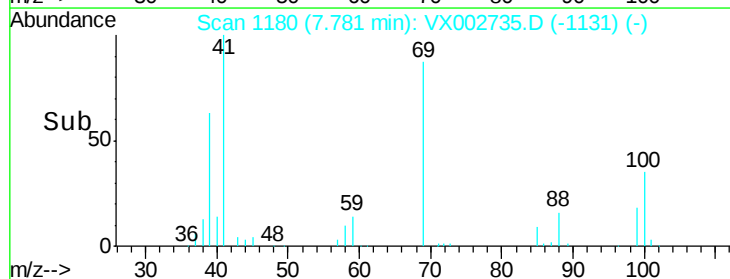
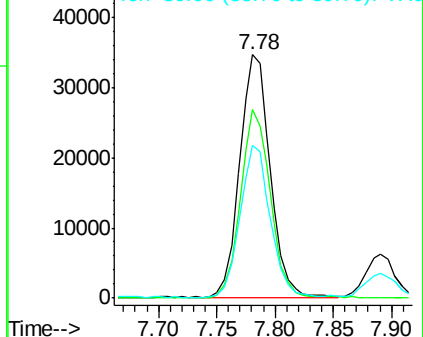
41 100

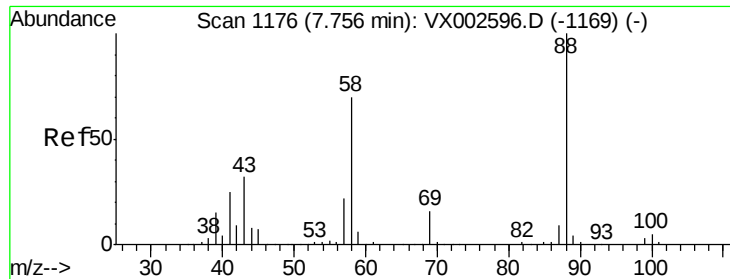
69 76.2 59.1 88.7

39 62.3 48.9 73.3



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

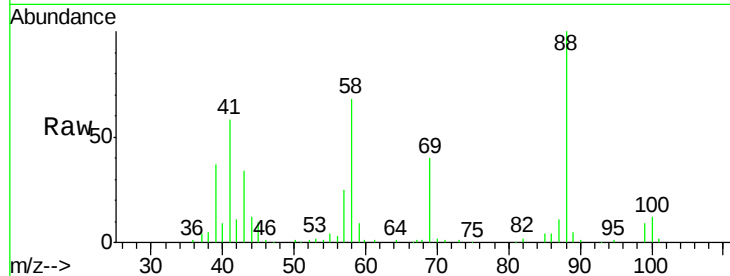




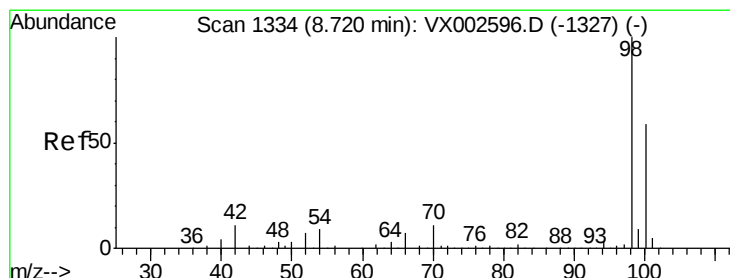
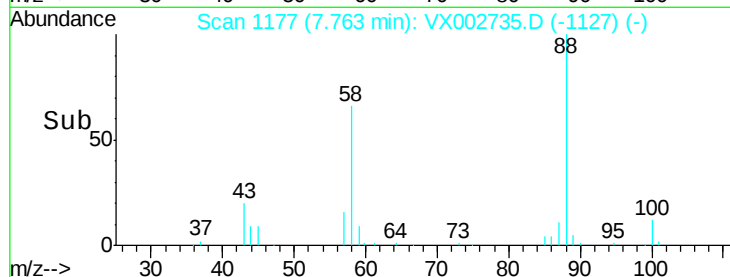
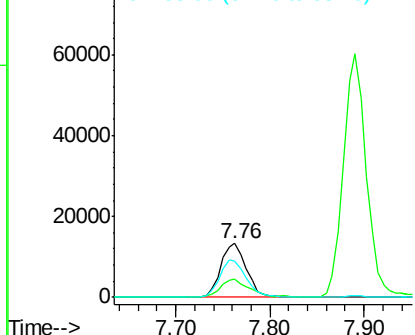
#49
1,4-Dioxane
Concen: 411.36 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.01 min
Lab File: VX002735.D
Acq: 20 Jun 2018 02:03

Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 88 Resp: 25563
Ion Ratio Lower Upper
88 100
43 35.2 29.8 44.6
58 71.0 57.1 85.7

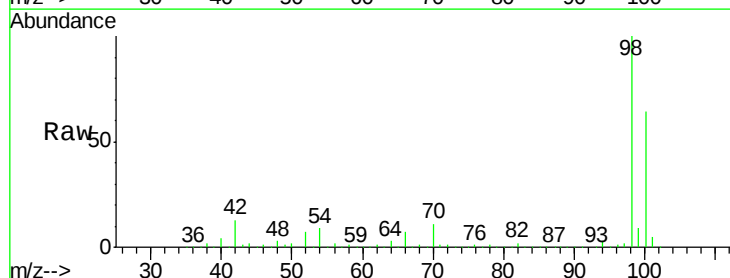


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

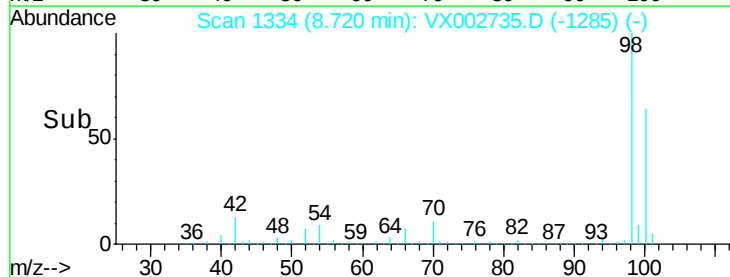
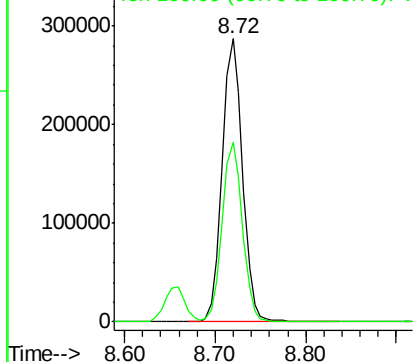


#50
Toluene-d8
Concen: 45.86 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 02:03

Tgt Ion: 98 Resp: 448094
Ion Ratio Lower Upper
98 100
100 63.7 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: 99.28 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :

MSVOA_X

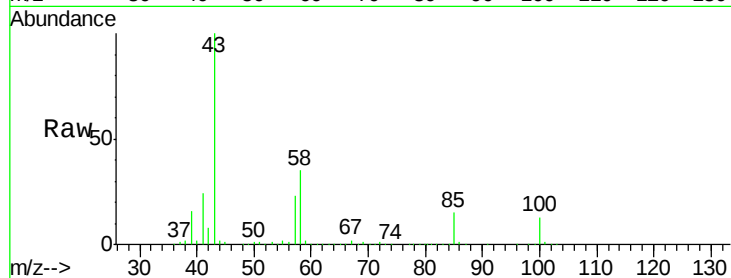
ClientSampleId :

Tot Ion: 43 Resp: 409311

Ion Ratio Lower Upper

43 100

58 36.1 28.6 42.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.65

250000

200000

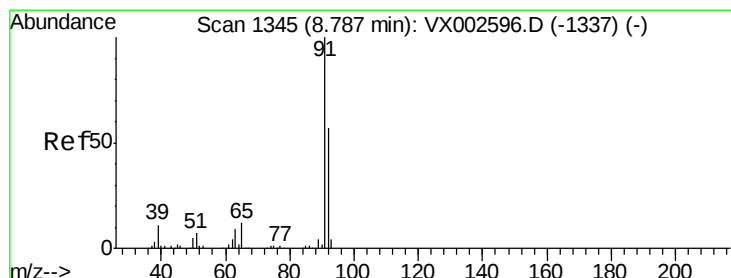
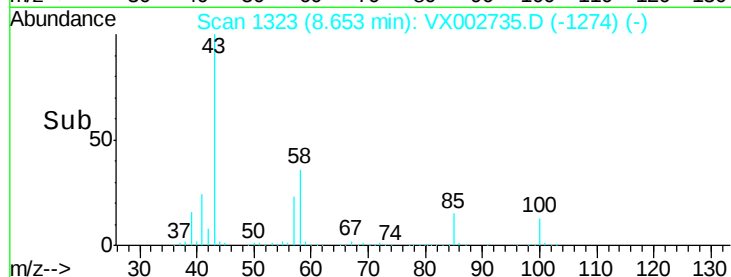
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.94 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.00 min

Lab File: VX002735.D

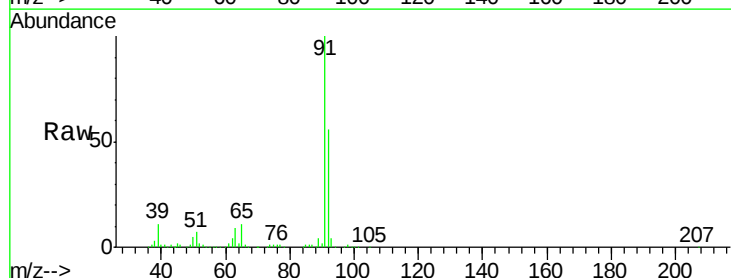
Acq: 20 Jun 2018 02:03

Tgt Ion: 92 Resp: 130569

Ion Ratio Lower Upper

92 100

91 174.2 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

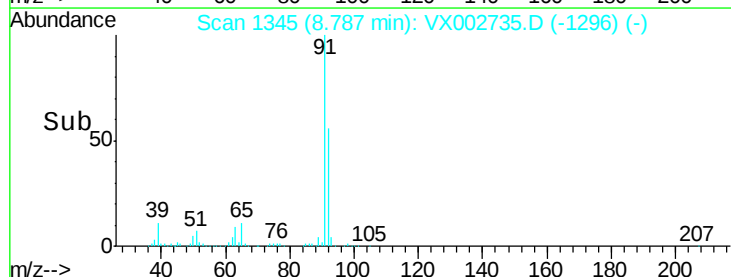
150000

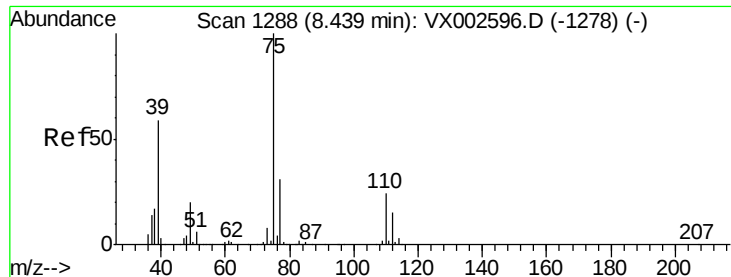
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 18.35 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :

MSVOA_X

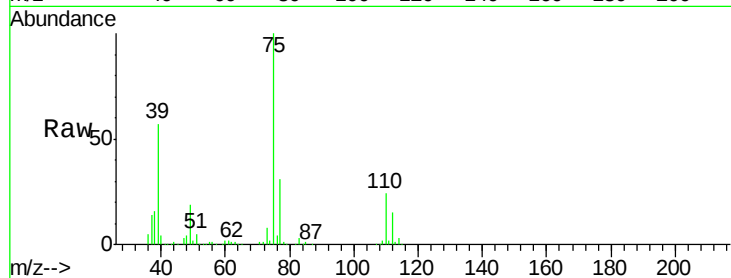
ClientSampleId :

Tot Ion: 75 Resp: 70723

Ion Ratio Lower Upper

75 100

77 30.7 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

50000

40000

30000

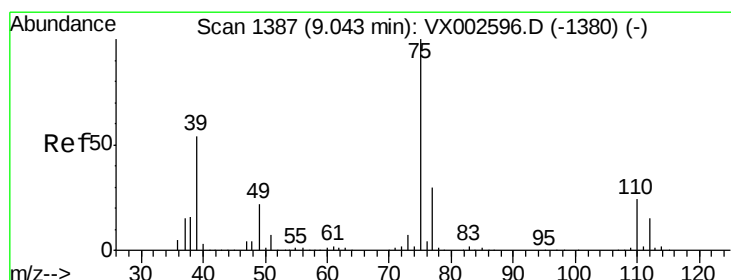
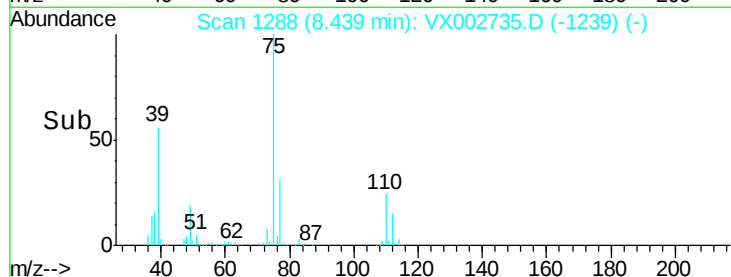
20000

10000

0

8.40 8.50

Time-->



#54

cis-1,3-Dichloropropene

Concen: 17.92 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.01 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

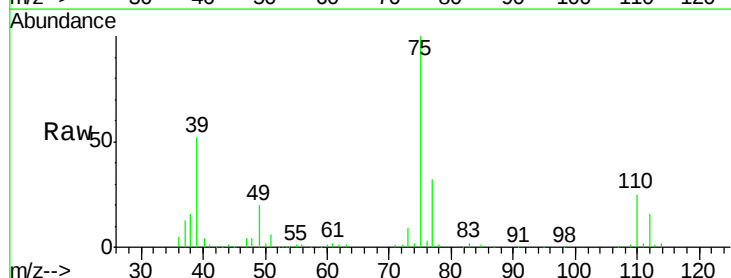
Tgt Ion: 75 Resp: 63297

Ion Ratio Lower Upper

75 100

77 31.9 24.8 37.2

39 51.8 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

9.05

60000

50000

40000

30000

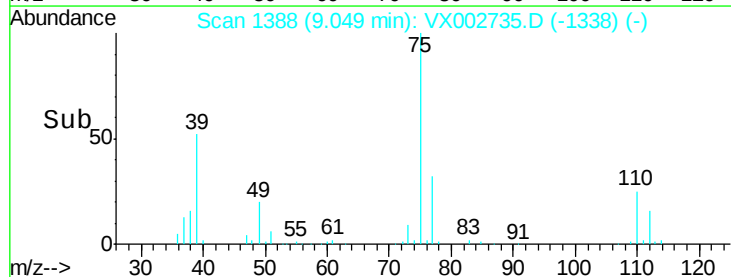
20000

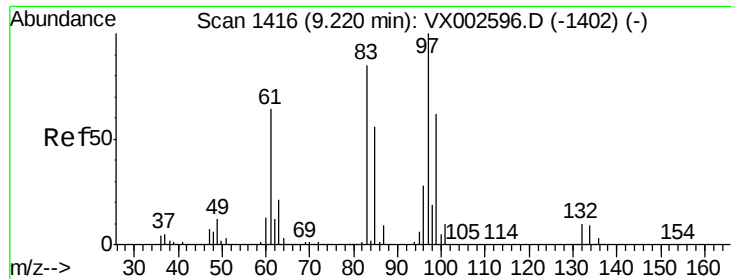
10000

0

8.95 9.00 9.05 9.10 9.15

Time-->

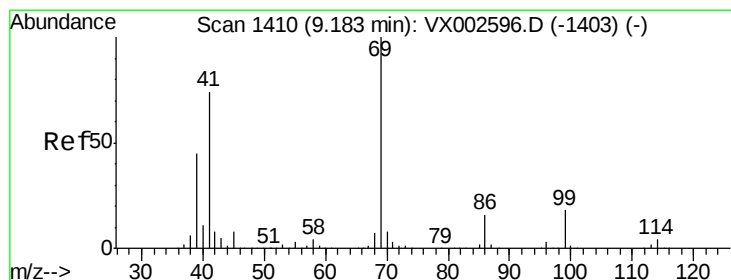
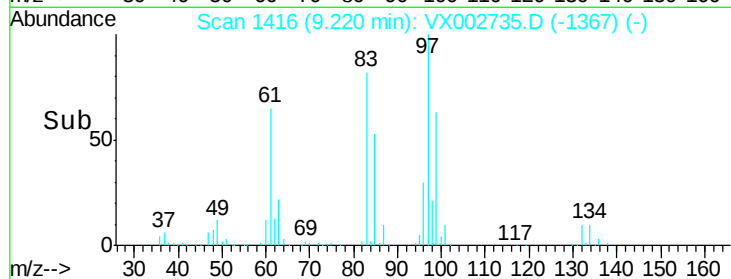
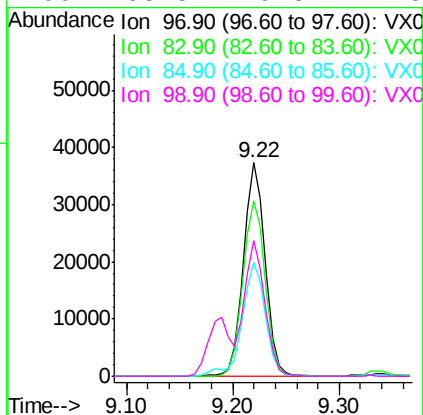
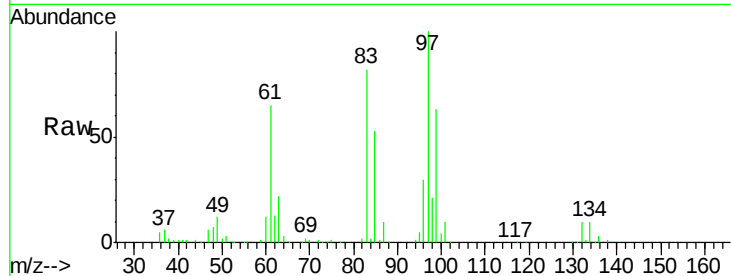




#55
 1,1,2-Trichloroethane
 Concen: 20.28 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. -0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 02:03

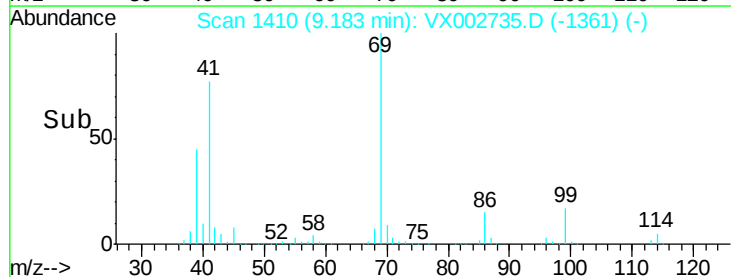
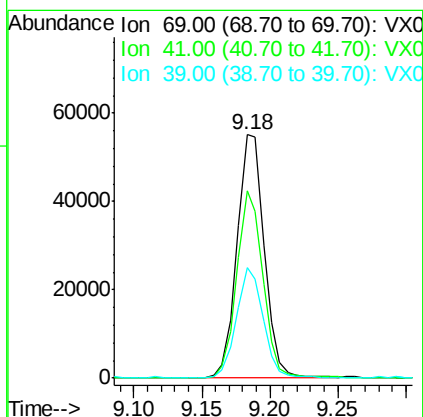
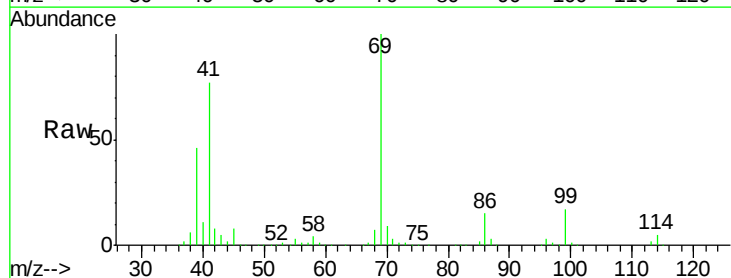
Instrument :
 MSVOA_X
 ClientSampleId :

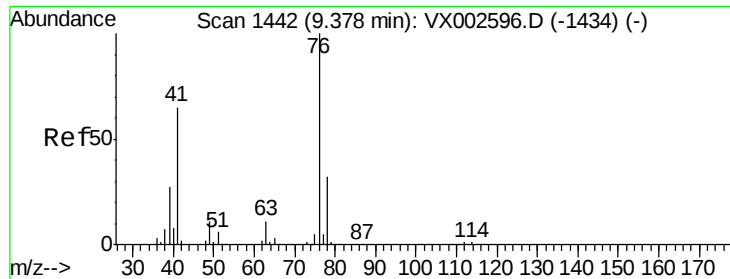
Tot Ion:	97	Resp:	53662
Ion	Ratio	Lower	Upper
97	100		
83	81.9	70.2	105.2
85	53.3	44.9	67.3
99	63.5	49.8	74.8



#56
 Ethyl methacrylate
 Concen: 18.93 ug/l
 RT: 9.18 min Scan# 1410
 Delta R.T. -0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 02:03

Tgt Ion:	69	Resp:	77100
Ion	Ratio	Lower	Upper
69	100		
41	73.4	60.3	90.5
39	44.1	35.8	53.8

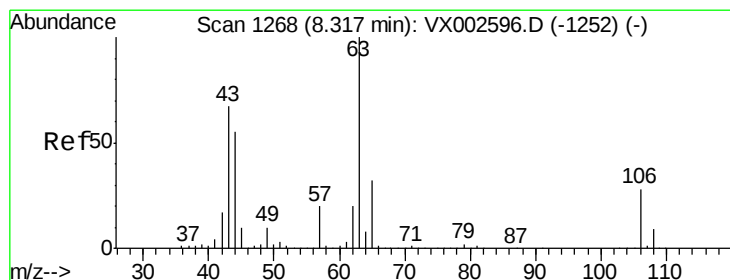
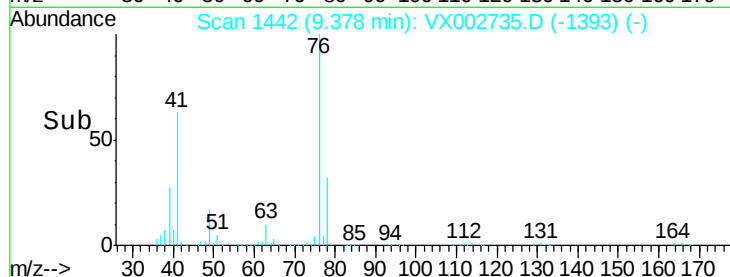
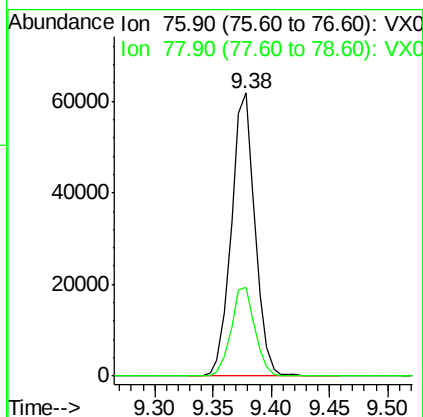
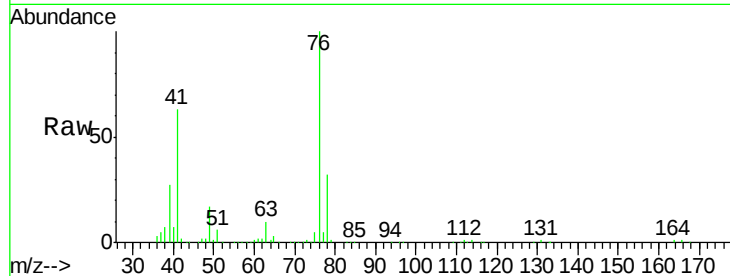




#57
 1,3-Dichloropropane
 Concen: 19.46 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. -0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 02:03

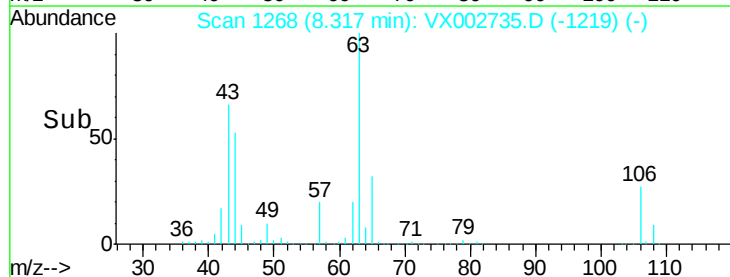
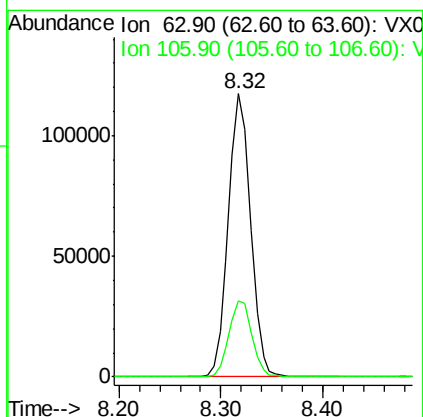
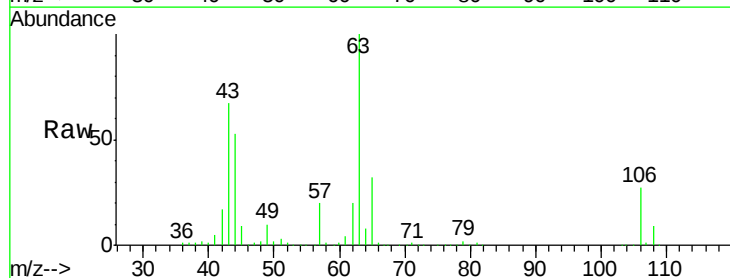
Instrument :
 MSVOA_X
 ClientSampled :

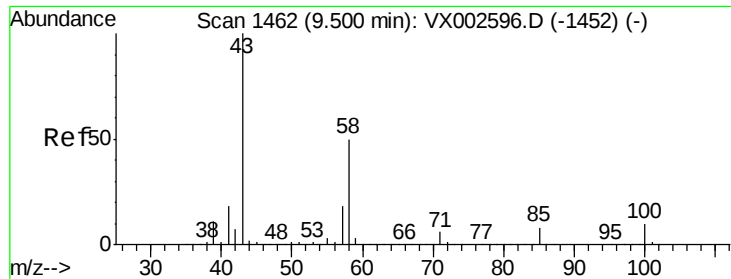
Tot Ion: 76 Resp: 87108
 Ion Ratio Lower Upper
 76 100
 78 31.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 90.17 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 02:03

Tgt Ion: 63 Resp: 177617
 Ion Ratio Lower Upper
 63 100
 106 27.7 21.8 32.8

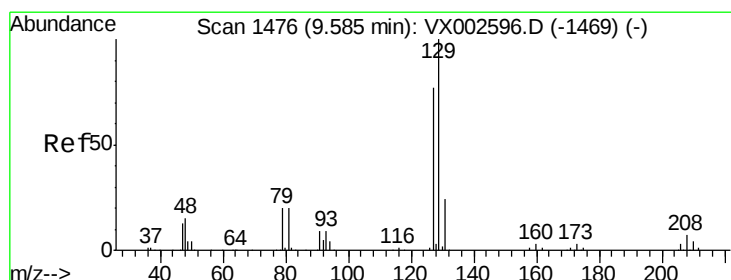
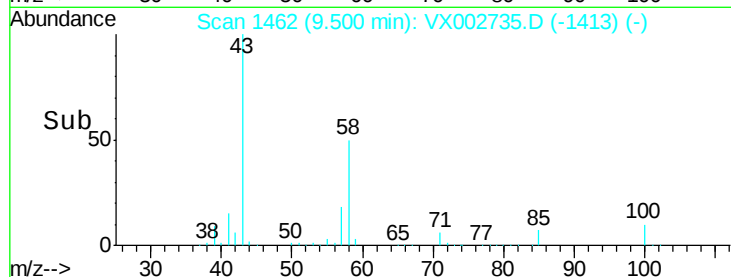
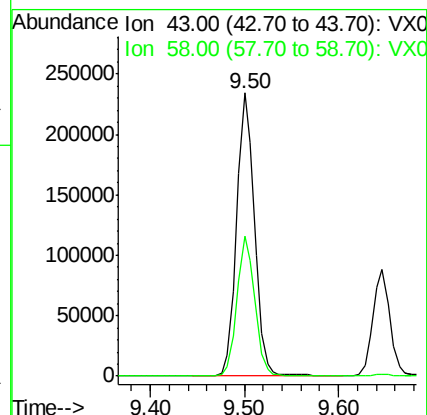
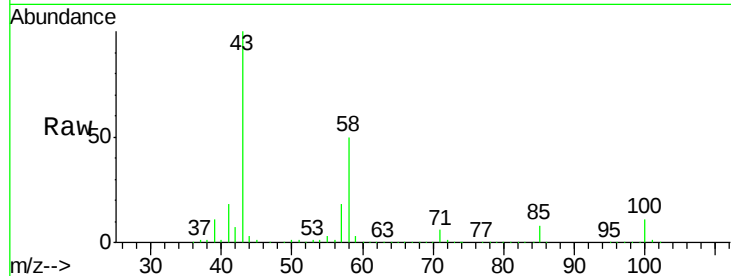




#59
2-Hexanone
Concen: 99.89 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 02:03

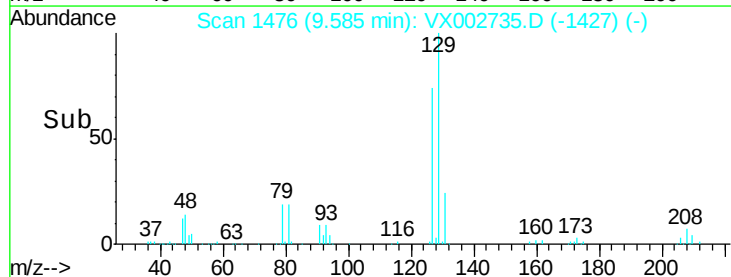
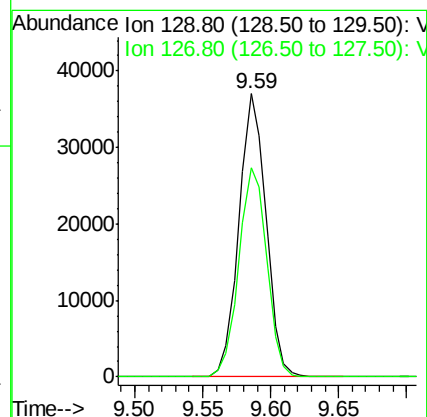
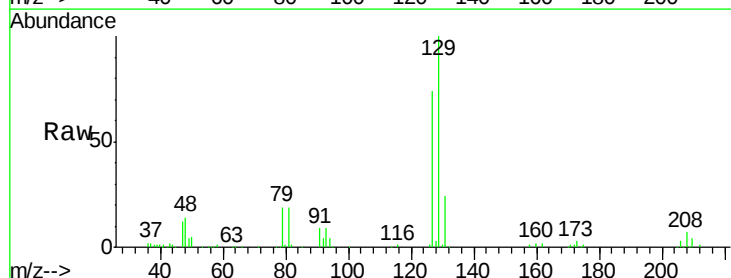
Instrument :
MSVOA_X
ClientSampleId :

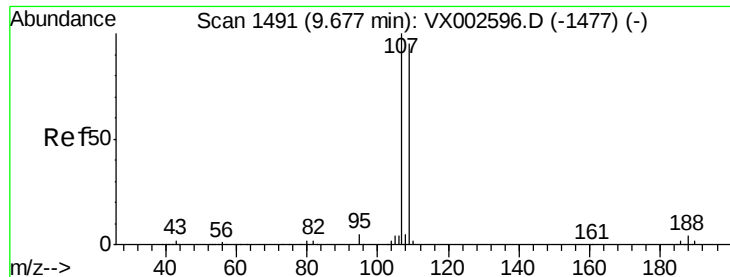
Tot Ion: 43 Resp: 310329
Ion Ratio Lower Upper
43 100
58 49.3 24.6 73.6



#60
Dibromochloromethane
Concen: 19.72 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 02:03

Tgt Ion:129 Resp: 51373
Ion Ratio Lower Upper
129 100
127 76.2 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.12 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :

MSVOA_X

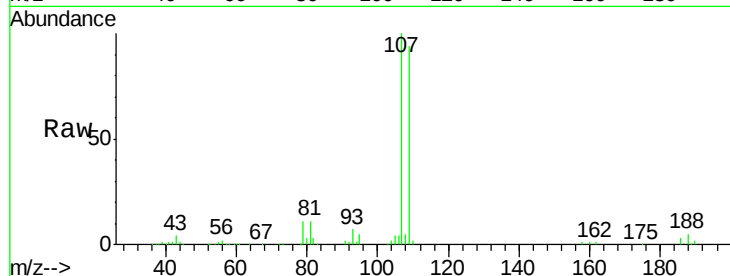
ClientSampleId :

Tot Ion:107 Resp: 55136

Ion Ratio Lower Upper

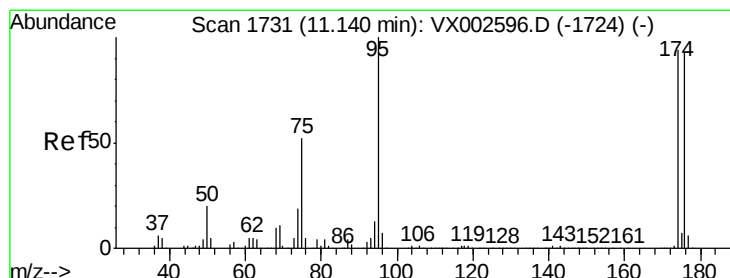
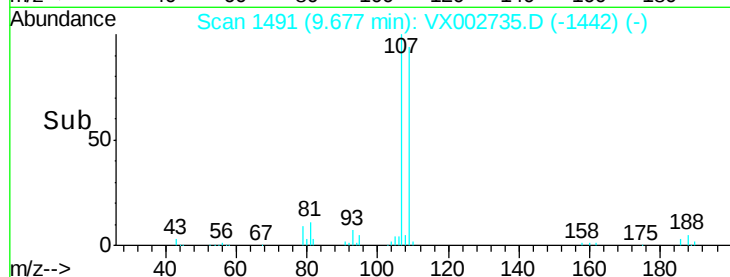
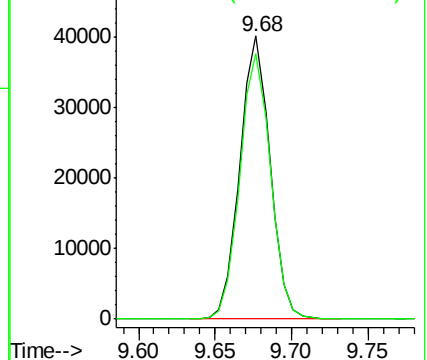
107 100

109 95.3 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.21 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

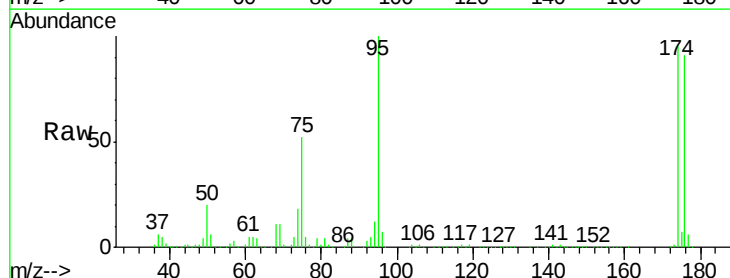
Tgt Ion: 95 Resp: 167376

Ion Ratio Lower Upper

95 100

174 97.0 0.0 187.4

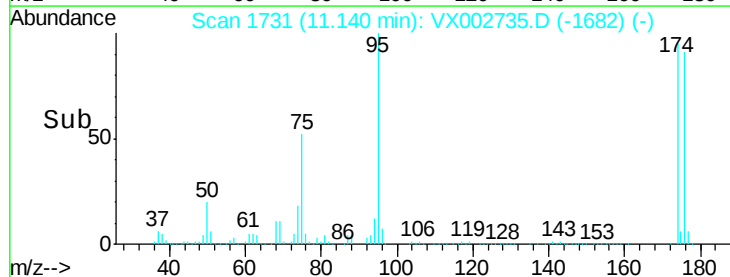
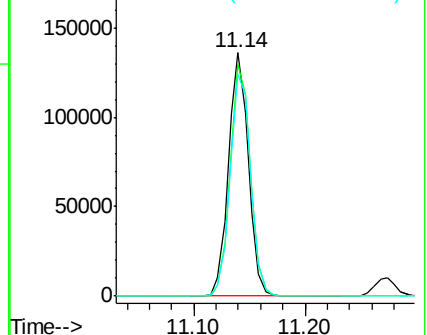
176 94.3 0.0 181.0

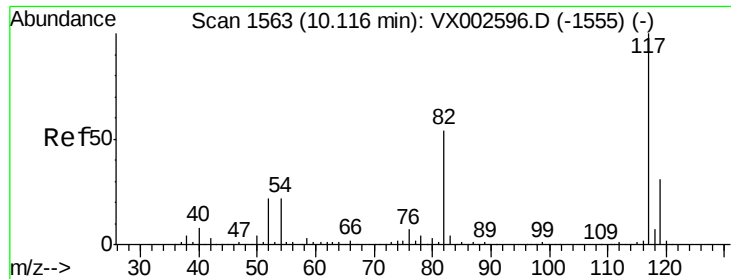


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

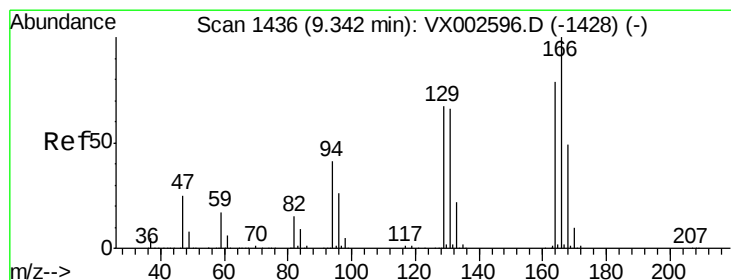
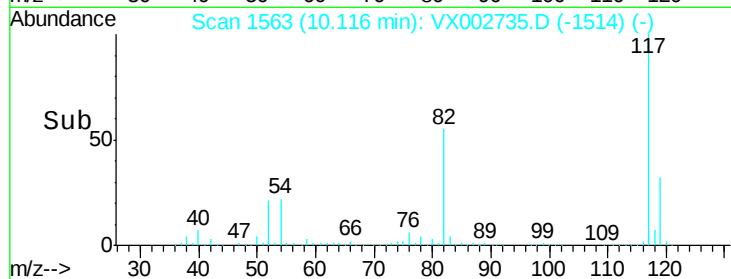
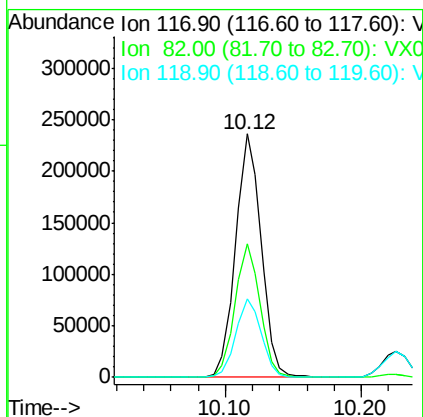
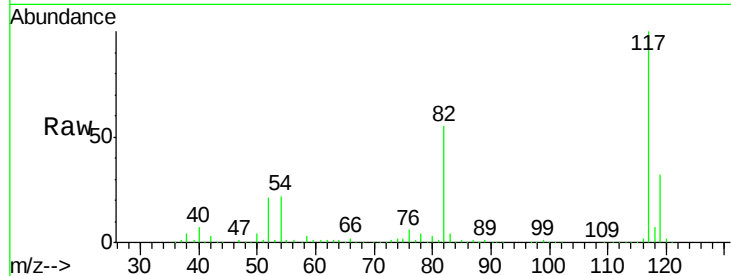




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 02:03

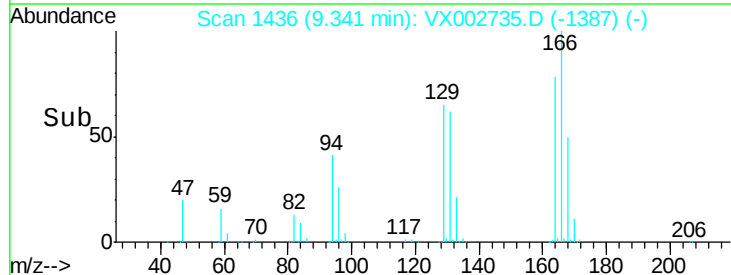
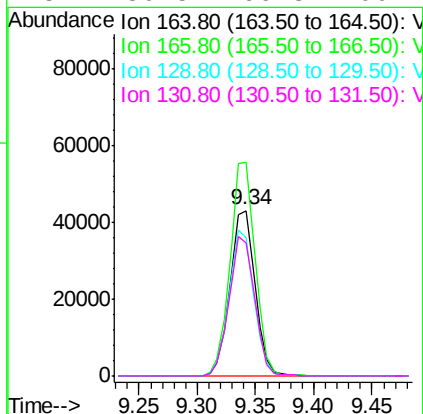
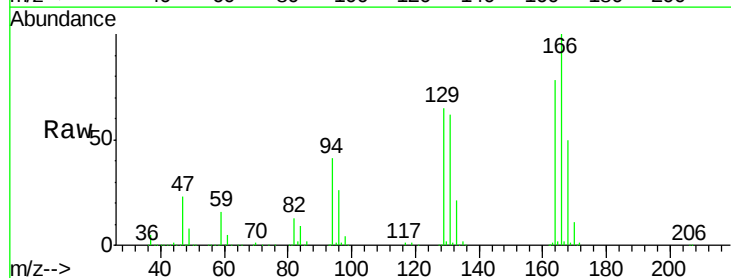
Instrument :
MSVOA_X
ClientSampleId :

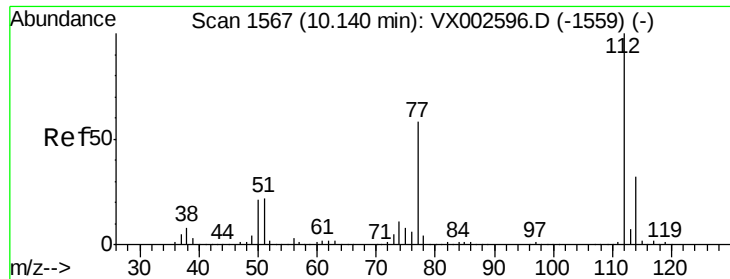
Tot Ion:117 Resp: 308936
Ion Ratio Lower Upper
117 100
82 54.7 45.0 67.4
119 32.3 25.8 38.6



#64
Tetrachloroethene
Concen: 18.98 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 02:03

Tgt Ion:164 Resp: 65091
Ion Ratio Lower Upper
164 100
166 128.9 102.9 154.3
129 83.6 68.6 102.8
131 80.5 66.8 100.2





#65

Chlorobenzene

Concen: 19.69 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :

MSVOA_X

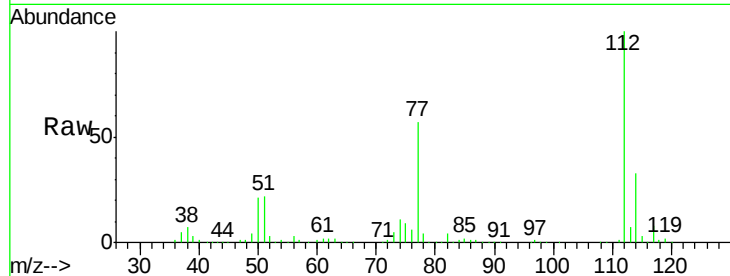
ClientSampleId :

Tot Ion:112 Resp: 149390

Ion Ratio Lower Upper

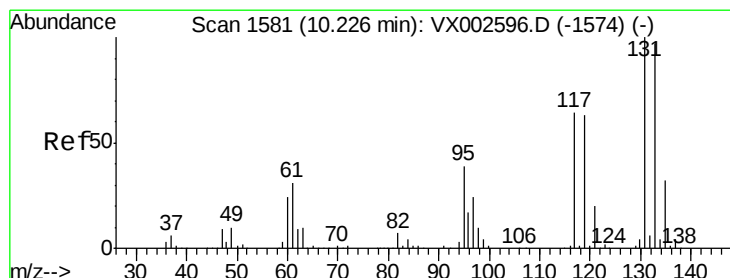
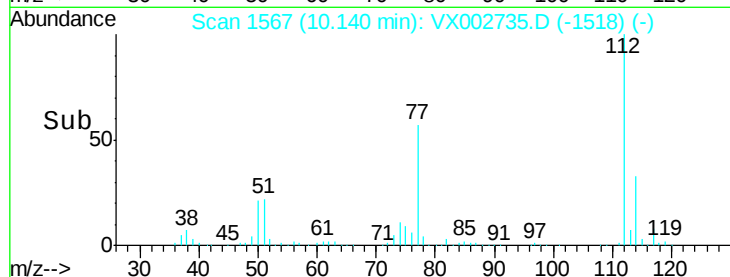
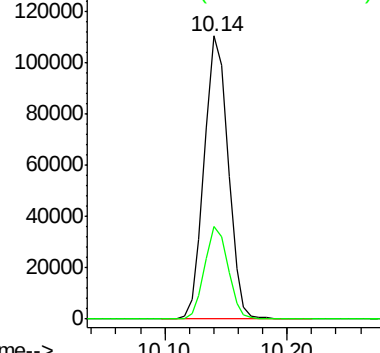
112 100

114 32.6 25.3 37.9



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#66

1,1,1,2-Tetrachloroethane

Concen: 20.30 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

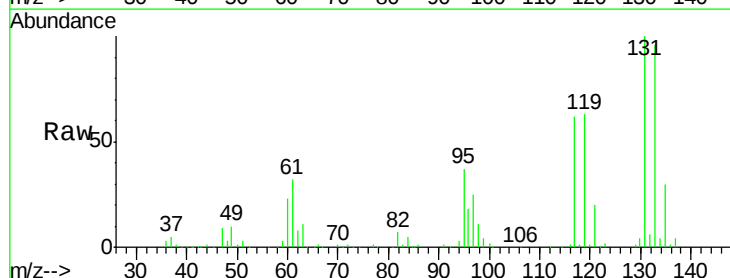
Tgt Ion:131 Resp: 52517

Ion Ratio Lower Upper

131 100

133 96.4 47.9 143.6

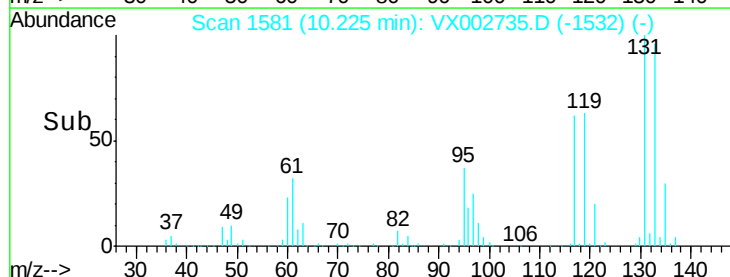
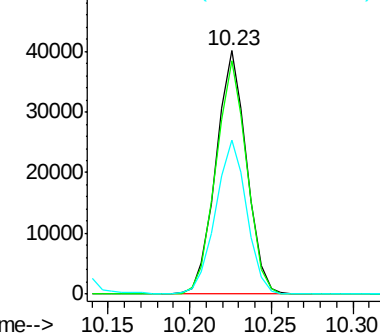
119 64.5 31.8 95.3

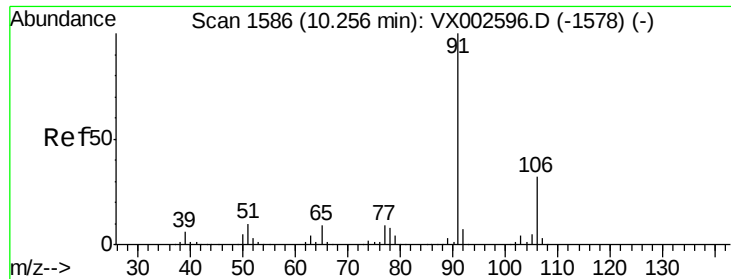


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

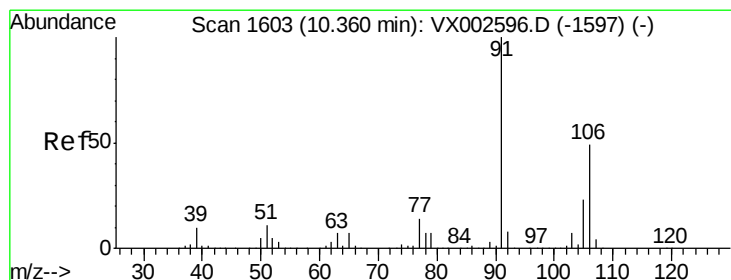
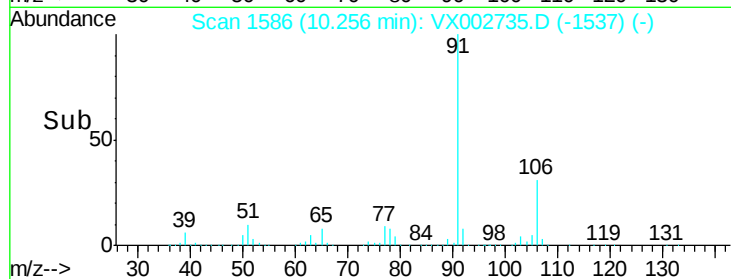
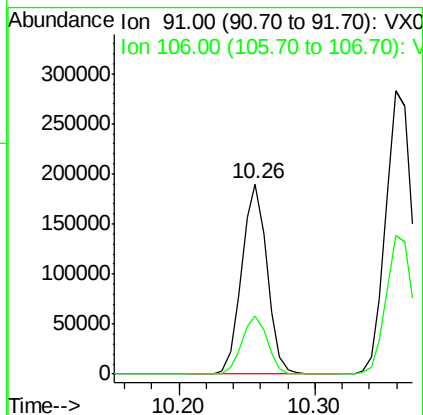
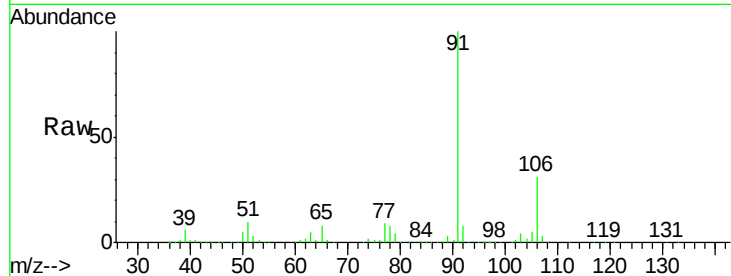




#67
Ethyl Benzene
Concen: 19.27 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 02:03

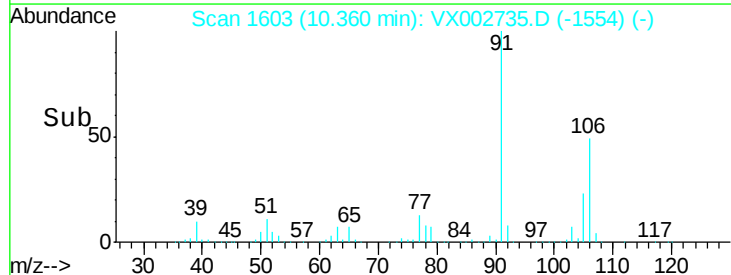
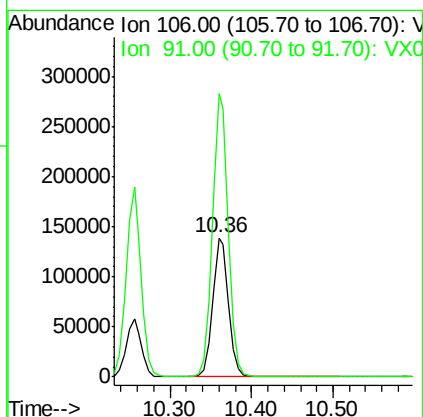
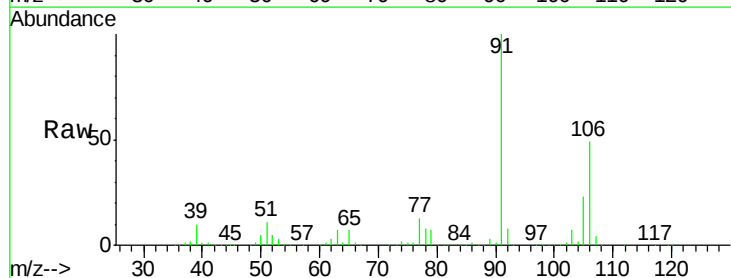
Instrument :
MSVOA_X
ClientSampled :

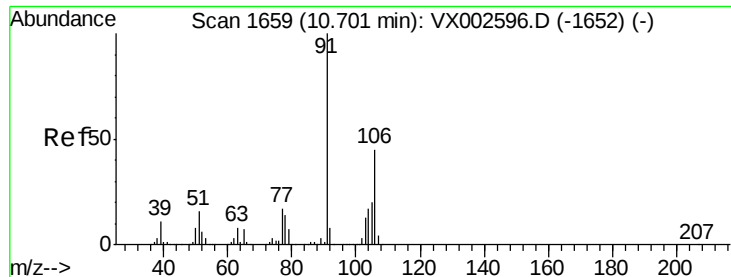
Tot Ion: 91 Resp: 246632
Ion Ratio Lower Upper
91 100
106 30.8 25.5 38.3



#68
m/p-Xylenes
Concen: 38.65 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 02:03

Tgt Ion: 106 Resp: 190814
Ion Ratio Lower Upper
106 100
91 203.3 163.4 245.2

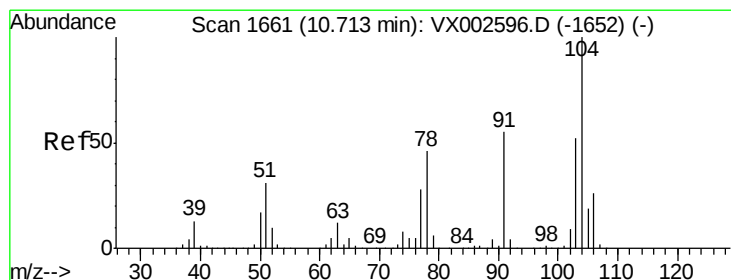
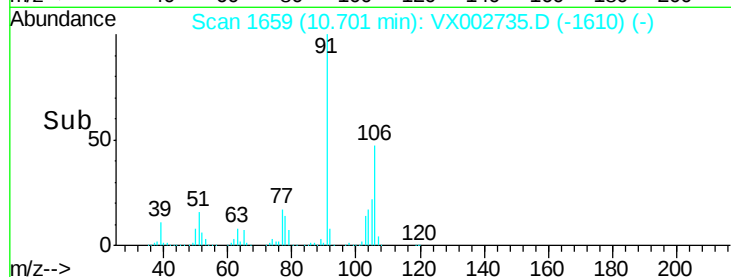
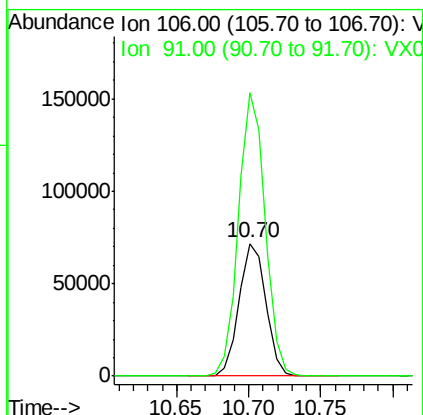
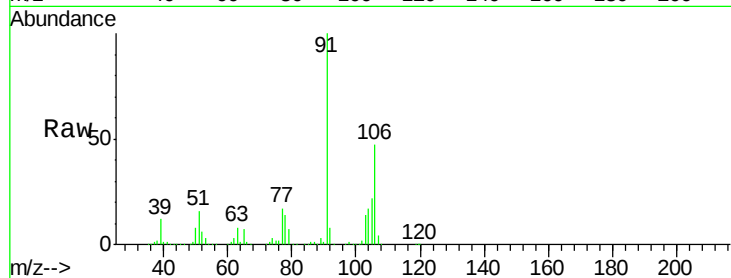




#69
o-Xylene
Concen: 19.25 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 02:03

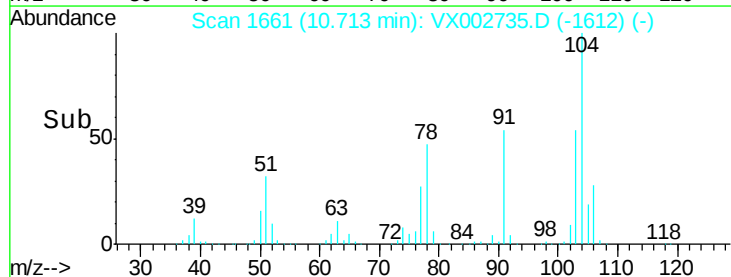
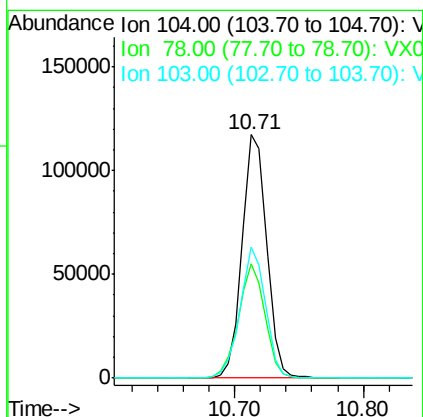
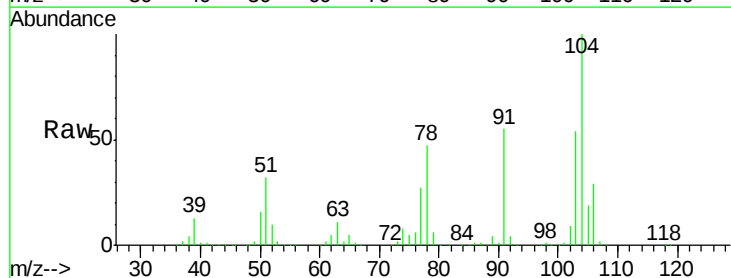
Instrument :
MSVOA_X
ClientSampled :

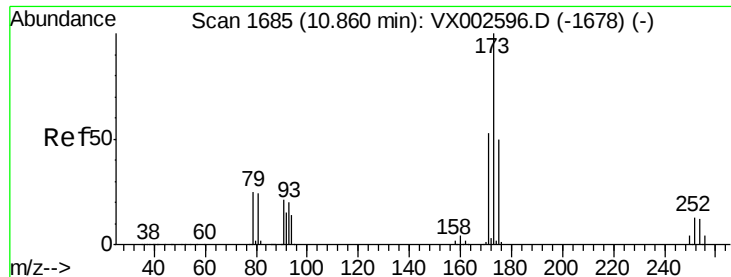
Tot Ion:106 Resp: 93344
Ion Ratio Lower Upper
106 100
91 211.4 108.2 324.6



#70
Styrene
Concen: 19.42 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. -0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 02:03

Tgt Ion:104 Resp: 154878
Ion Ratio Lower Upper
104 100
78 50.5 41.0 61.6
103 56.1 44.2 66.4

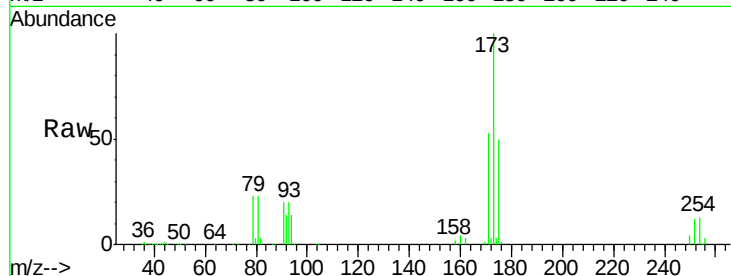




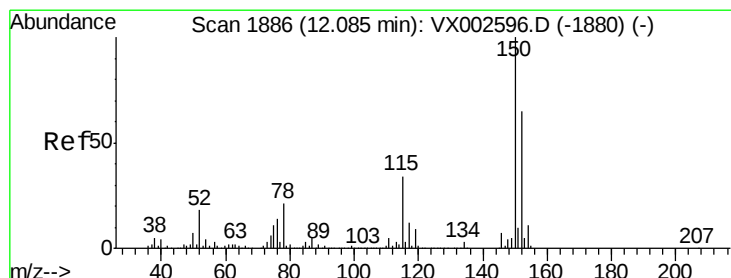
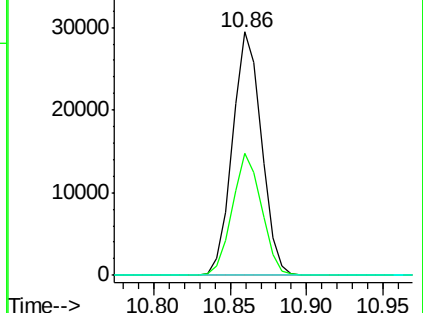
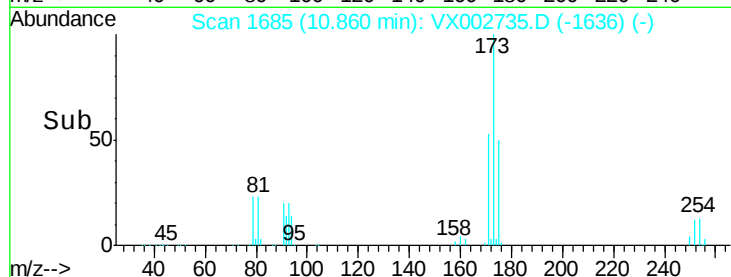
#71
Bromoform
Concen: 19.67 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 02:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:173 Resp: 38670
Ion Ratio Lower Upper
173 100
175 50.5 24.7 74.1
254 0.1 0.2 0.2#

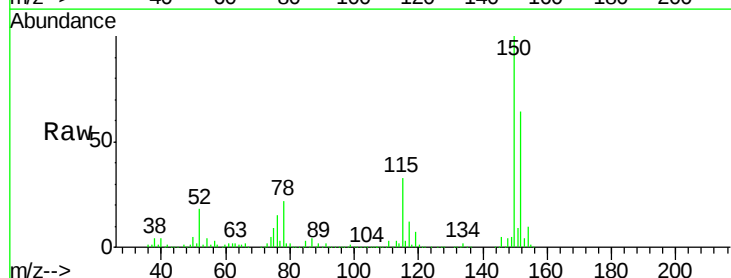


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

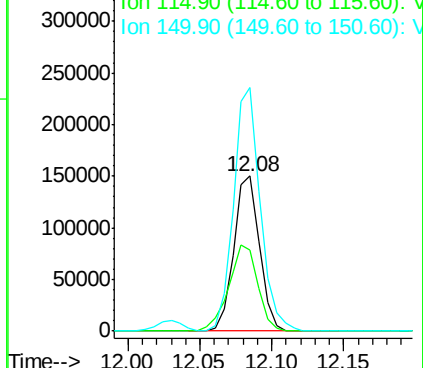
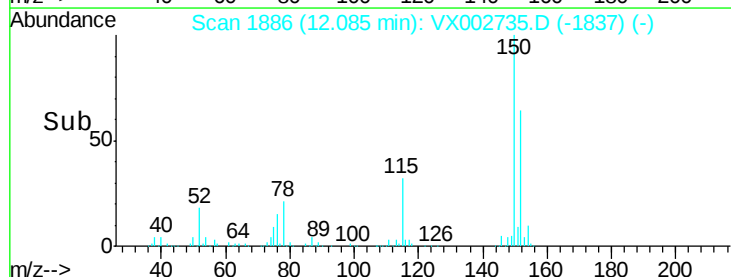


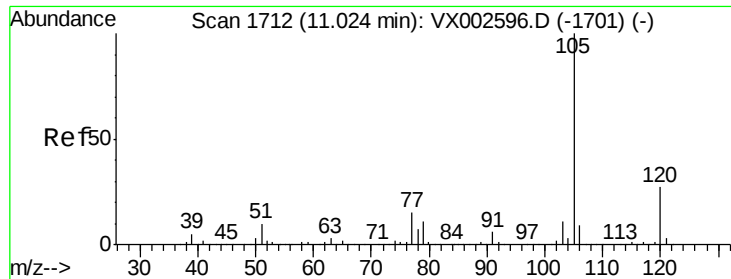
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. -0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 02:03

Tgt Ion:152 Resp: 187480
Ion Ratio Lower Upper
152 100
115 63.1 40.1 120.2
150 163.1 0.0 347.2



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





#73

Isopropylbenzene

Concen: 19.83 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :

MSVOA_X

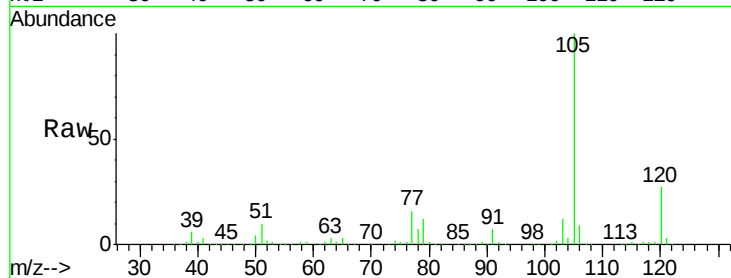
ClientSampleId :

Tot Ion:105 Resp: 248698

Ion Ratio Lower Upper

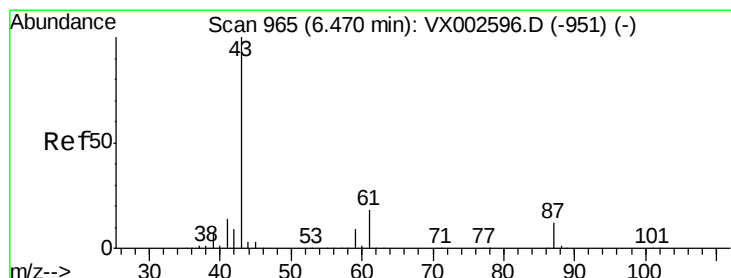
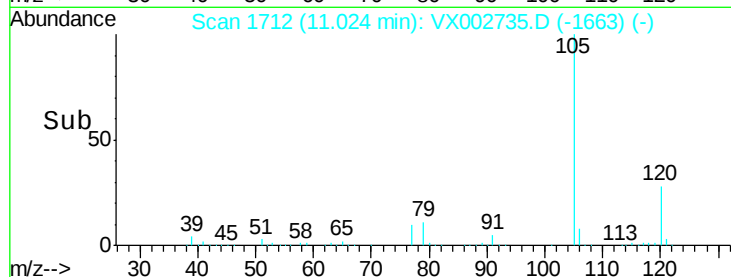
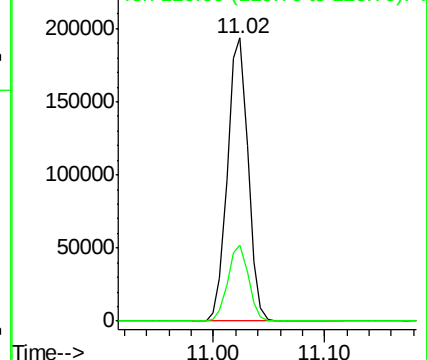
105 100

120 26.9 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.48 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Tgt Ion: 43 Resp: 121384

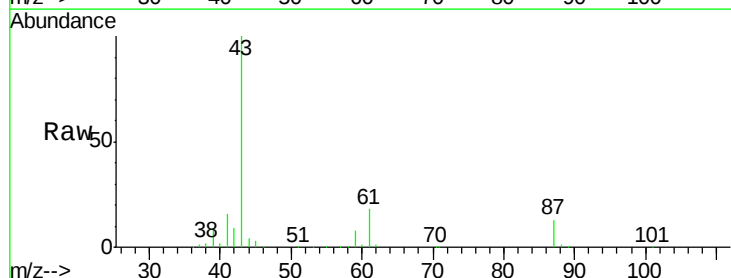
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0#

55 0.1 0.0 0.0#

61 18.2 14.4 21.6

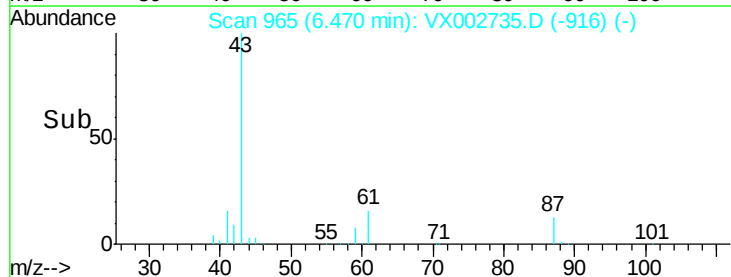
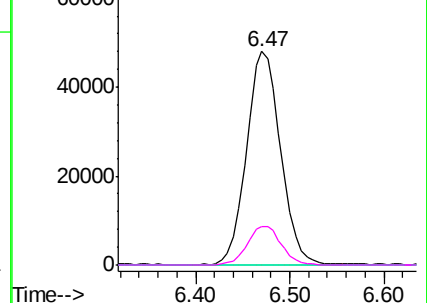


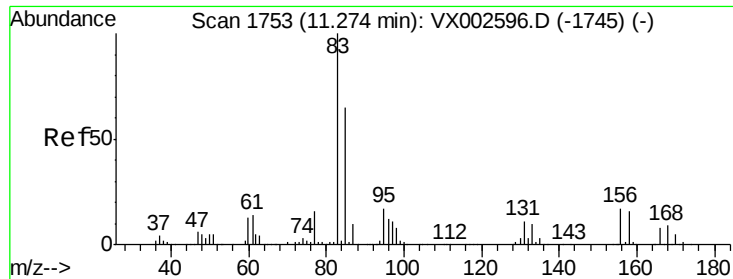
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.28 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :

MSVOA_X

ClientSampleId :

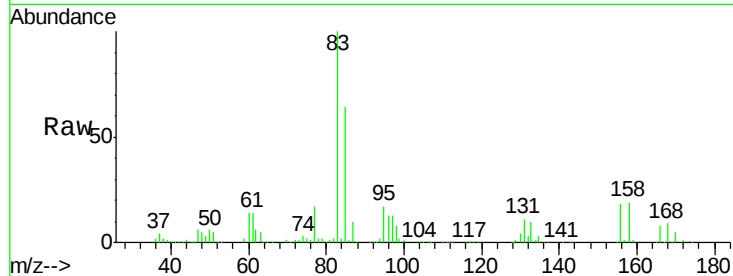
Tot Ion: 83 Resp: 78795

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

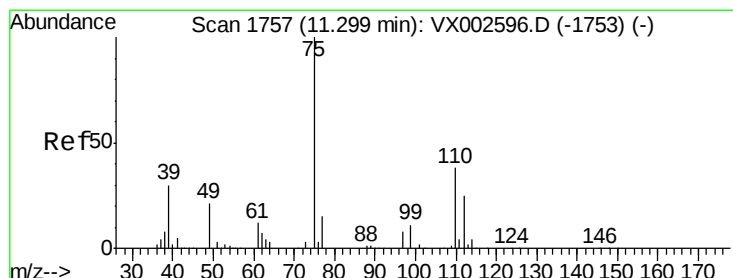
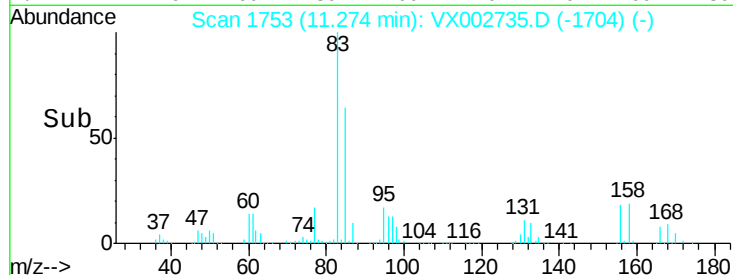
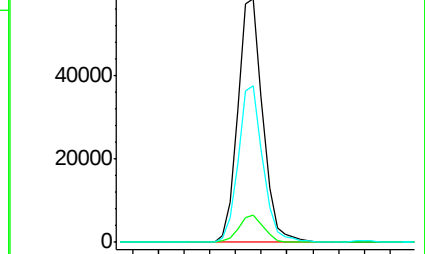
85 63.6 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX002735.D (-1704) (-)

Ion 130.80 (130.50 to 131.50): VX002735.D (-1704) (-)

Ion 84.90 (84.60 to 85.60): VX002735.D (-1704) (-)



#76

1,2,3-Trichloropropane

Concen: 23.45 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.00 min

Lab File: VX002735.D

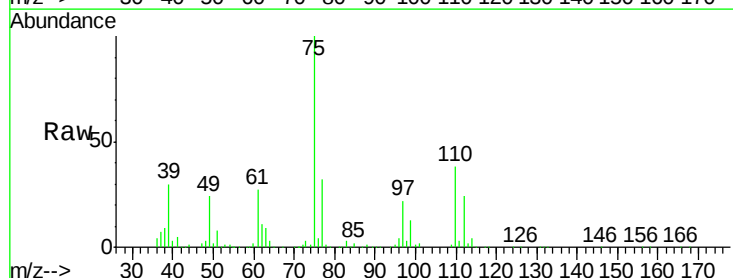
Acq: 20 Jun 2018 02:03

Tgt Ion: 75 Resp: 82967

Ion Ratio Lower Upper

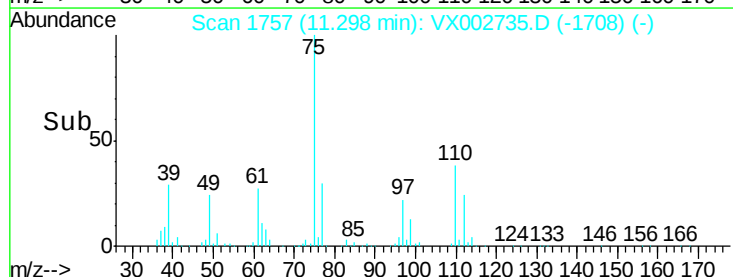
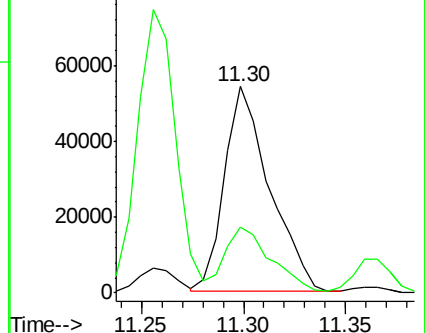
75 100

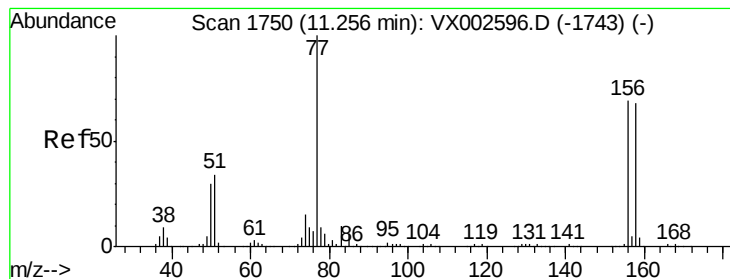
77 33.4 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX002735.D (-1708) (-)

Ion 77.00 (76.70 to 77.70): VX002735.D (-1708) (-)





#77

Bromobenzene

Concen: 20.38 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :

MSVOA_X

ClientSampleId :

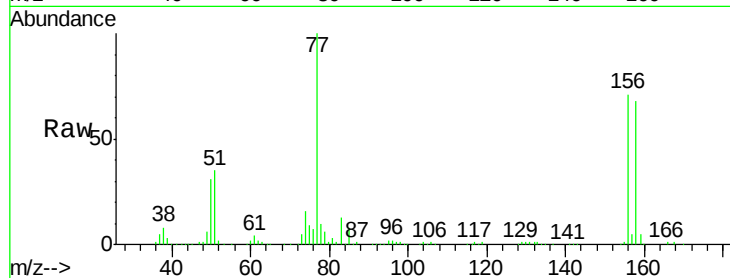
Tot Ion:156 Resp: 71187

Ion Ratio Lower Upper

156 100

77 136.2 71.4 214.2

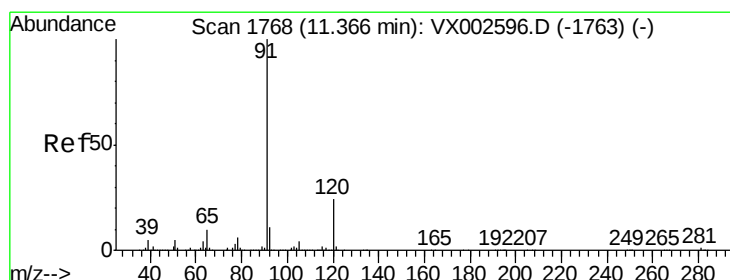
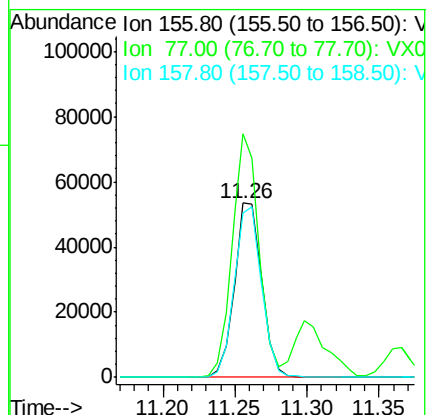
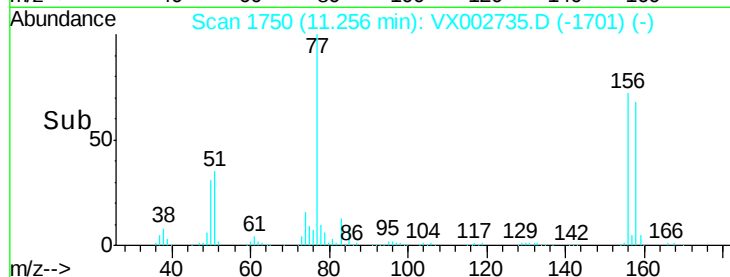
158 97.9 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.44 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. -0.00 min

Lab File: VX002735.D

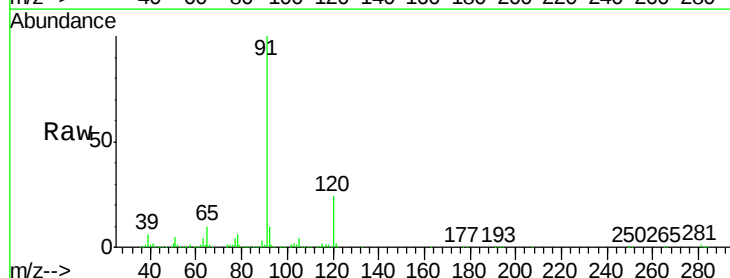
Acq: 20 Jun 2018 02:03

Tgt Ion: 91 Resp: 279584

Ion Ratio Lower Upper

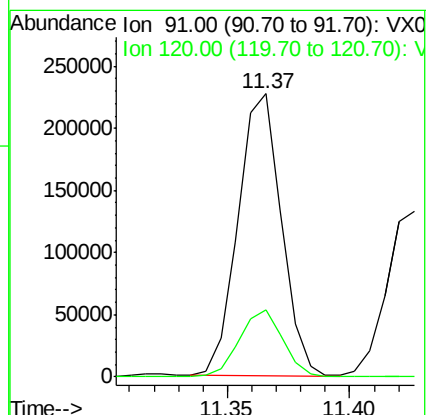
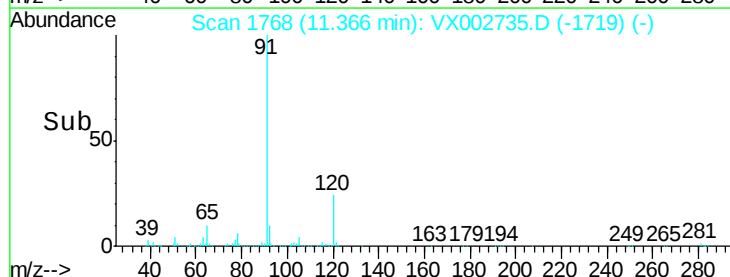
91 100

120 23.6 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.62 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :

MSVOA_X

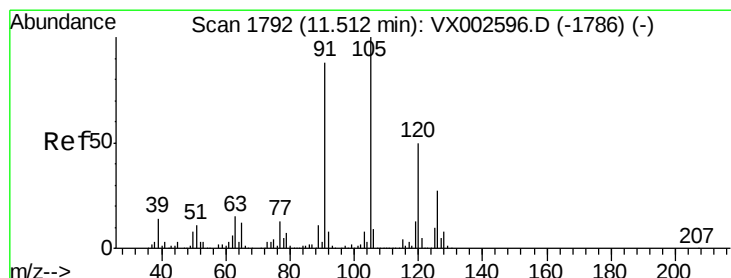
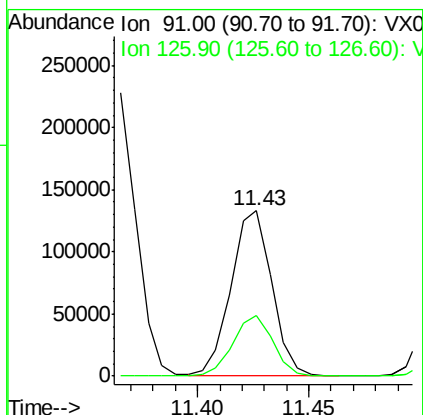
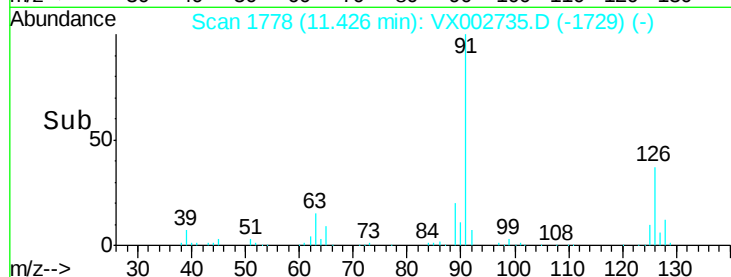
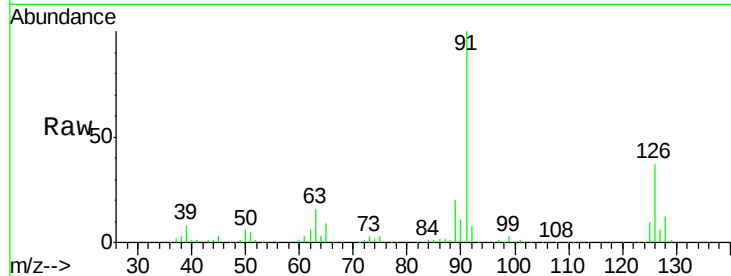
ClientSampled :

Tot Ion: 91 Resp: 168464

Ion Ratio Lower Upper

91 100

126 36.6 17.7 53.1



#80

1,3,5-Trimethylbenzene

Concen: 19.81 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002735.D

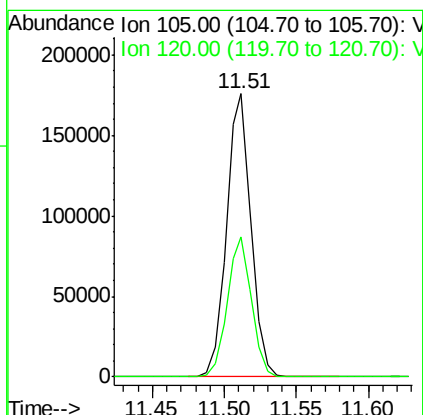
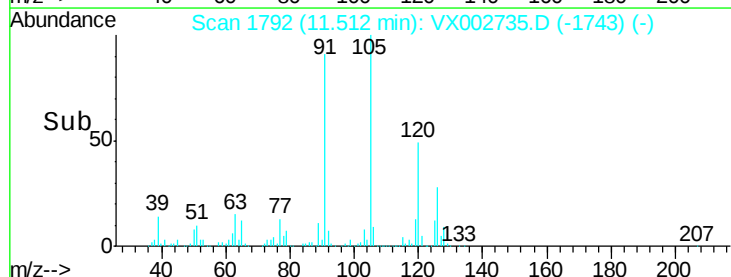
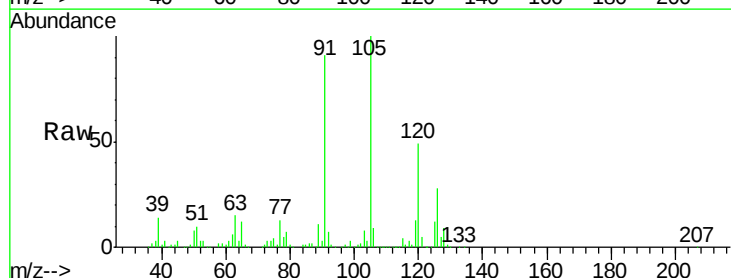
Acq: 20 Jun 2018 02:03

Tgt Ion: 105 Resp: 209922

Ion Ratio Lower Upper

105 100

120 48.9 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 17.05 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :

MSVOA_X

ClientSampled :

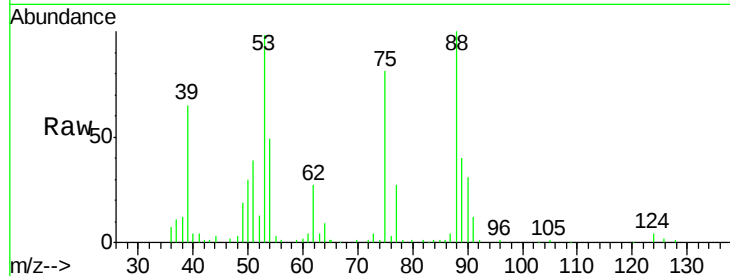
Tot Ion: 75 Resp: 15524

Ion Ratio Lower Upper

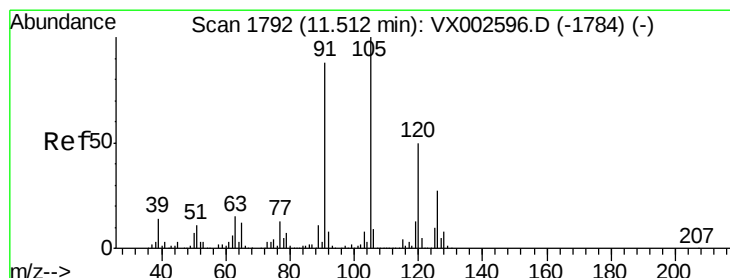
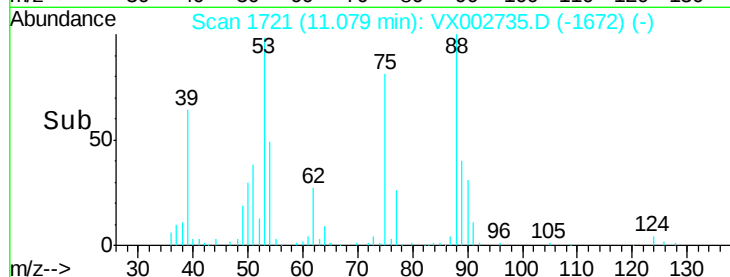
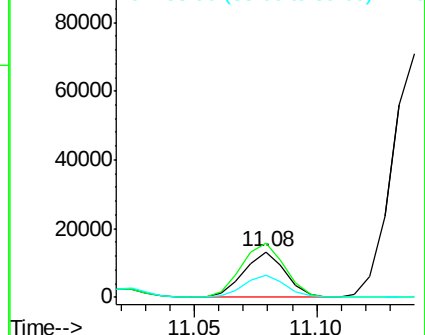
75 100

53 125.7 86.8 130.2

89 48.8 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0
Ion 53.00 (52.70 to 53.70): VX0
Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.69 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX002735.D

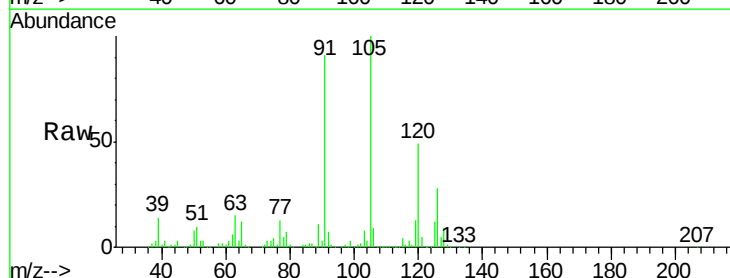
Acq: 20 Jun 2018 02:03

Tgt Ion: 91 Resp: 199518

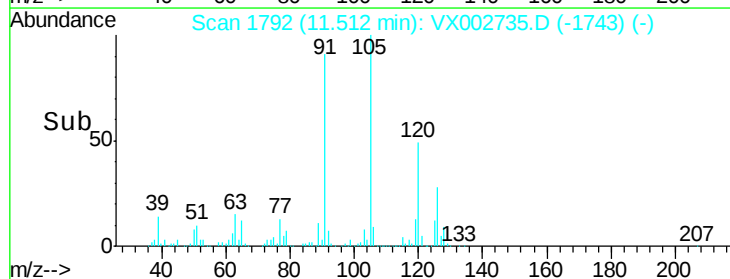
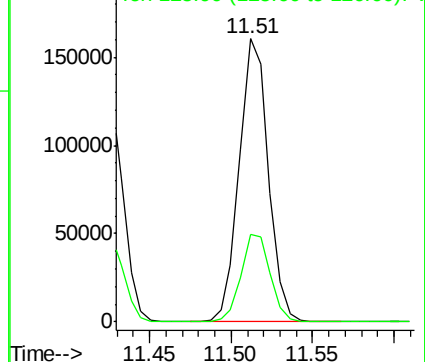
Ion Ratio Lower Upper

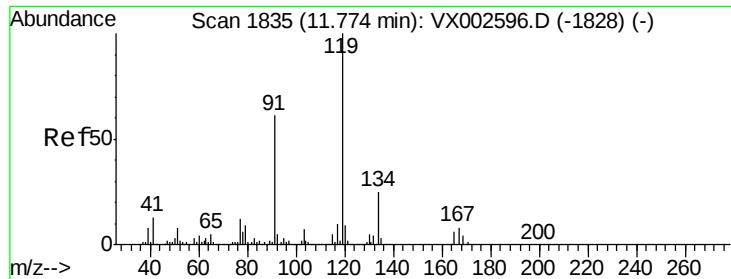
91 100

126 31.5 15.4 46.4



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





#83

tert-Butylbenzene

Concen: 19.98 ug/l

RT: 11.77 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :

MSVOA_X

ClientSampleId :

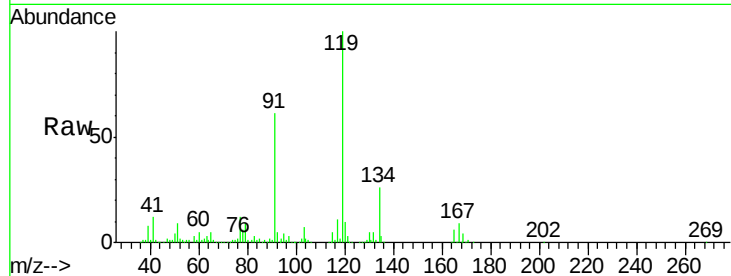
Tot Ion:119 Resp: 203911

Ion Ratio Lower Upper

119 100

91 59.4 30.3 90.9

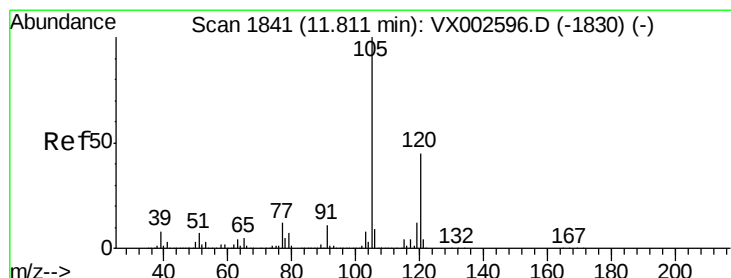
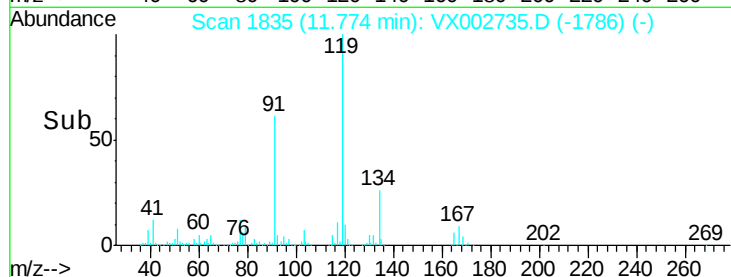
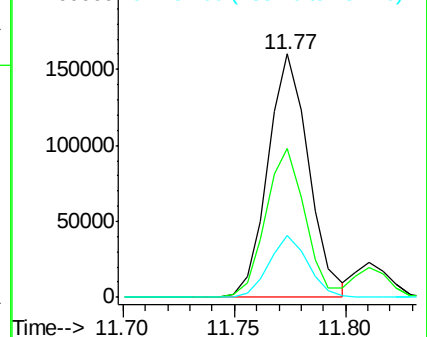
134 24.5 11.7 35.1



Abundance Ion 119.00 (118.70 to 119.70): V

Ion 91.00 (90.70 to 91.70): VX0

Ion 134.00 (133.70 to 134.70): V



#84

1,2,4-Trimethylbenzene

Concen: 19.96 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002735.D

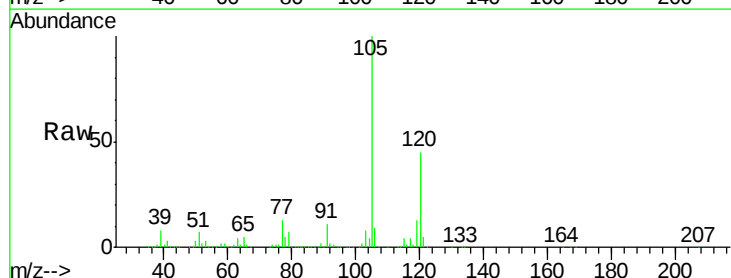
Acq: 20 Jun 2018 02:03

Tgt Ion:105 Resp: 215830

Ion Ratio Lower Upper

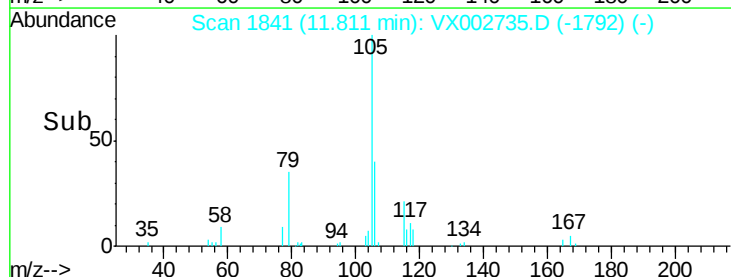
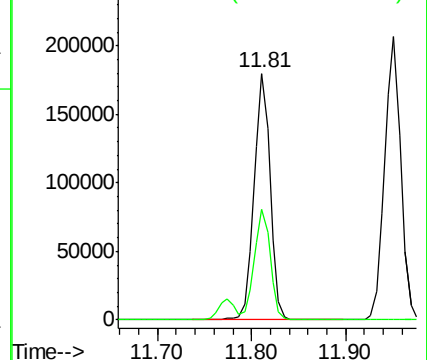
105 100

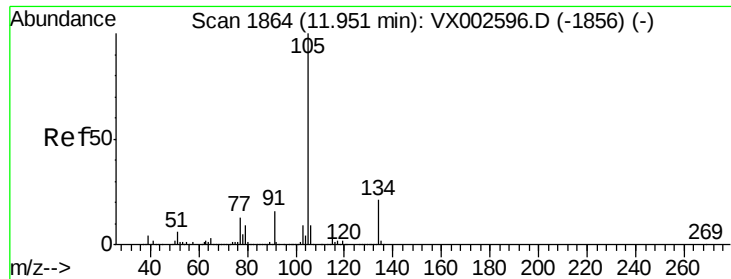
120 44.9 22.3 66.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#85

sec-Butylbenzene

Concen: 19.37 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :

MSVOA_X

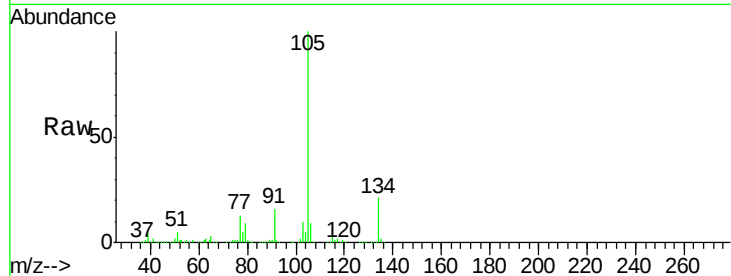
ClientSampleId :

Tot Ion:105 Resp: 245913

Ion Ratio Lower Upper

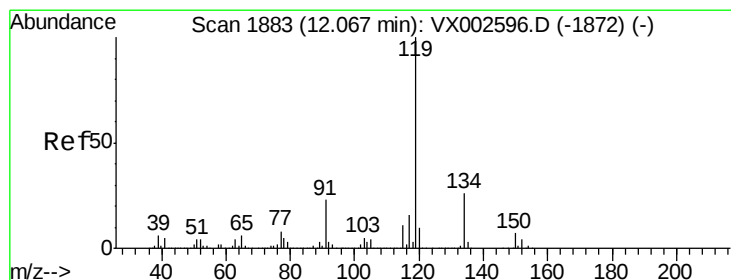
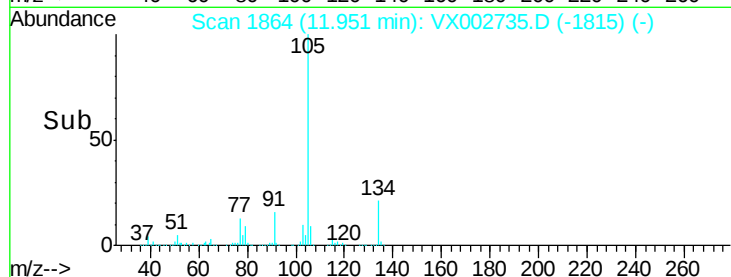
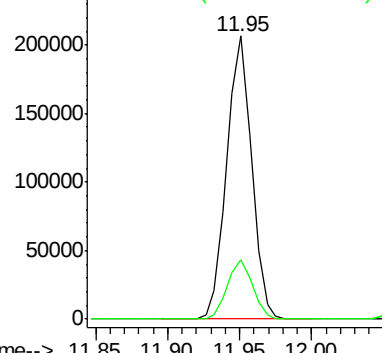
105 100

134 21.2 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V



#86

p-Isopropyltoluene

Concen: 19.31 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

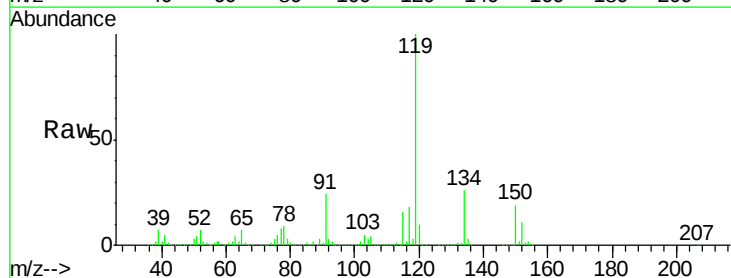
Tgt Ion:119 Resp: 221729

Ion Ratio Lower Upper

119 100

134 26.7 13.4 40.1

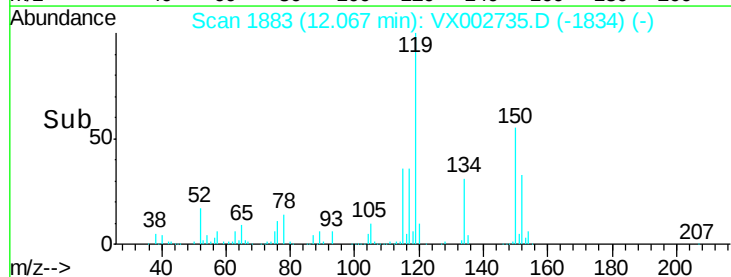
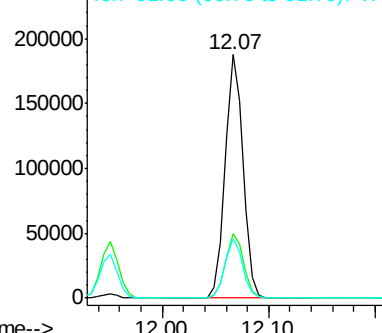
91 24.2 11.9 35.7

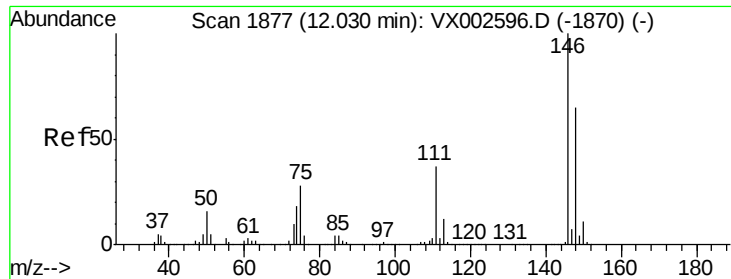


Abundance Ion 119.00 (118.70 to 119.70): V

Ion 134.00 (133.70 to 134.70): V

Ion 91.00 (90.70 to 91.70): V

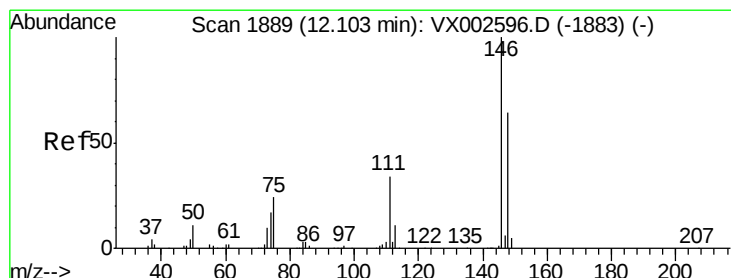
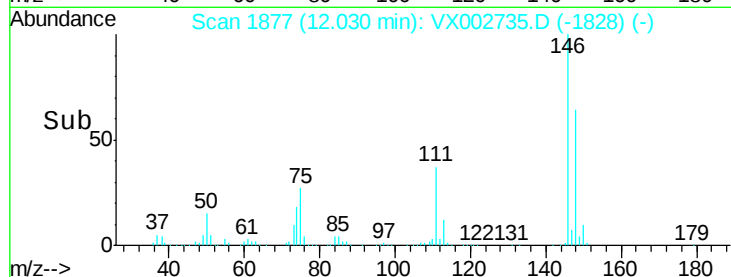
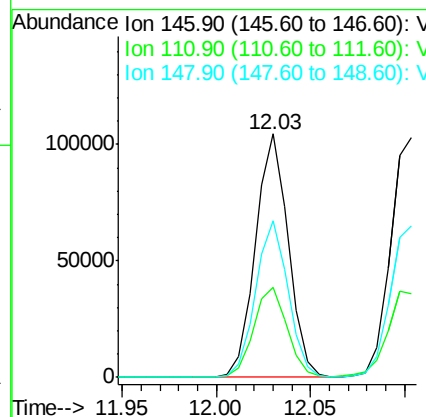
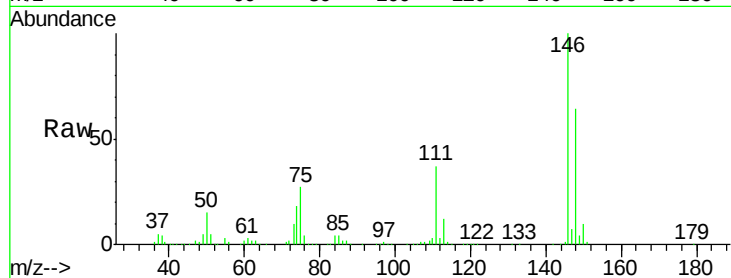




#87
 1,3-Dichlorobenzene
 Concen: 19.59 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. -0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 02:03

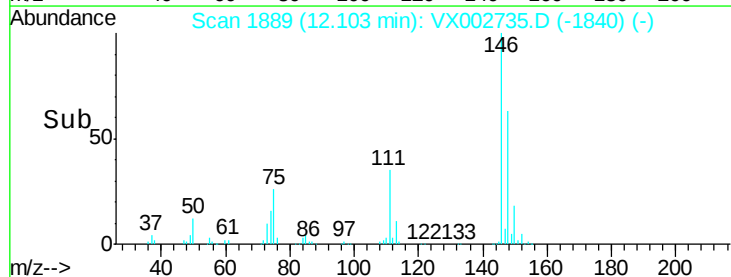
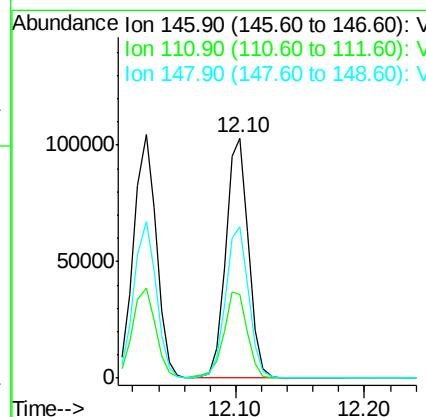
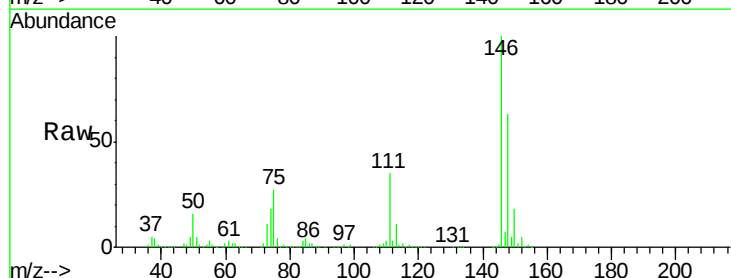
Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
111	37.9	18.9	56.7
148	64.4	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 19.66 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. -0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 02:03

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.4	18.7	56.1
148	64.4	32.4	97.0





#89

n-Butylbenzene

Concen: 18.32 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.00 min

Lab File: VX002735.D

Acq: 20 Jun 2018 02:03

Instrument :

MSVOA_X

ClientSampleId :

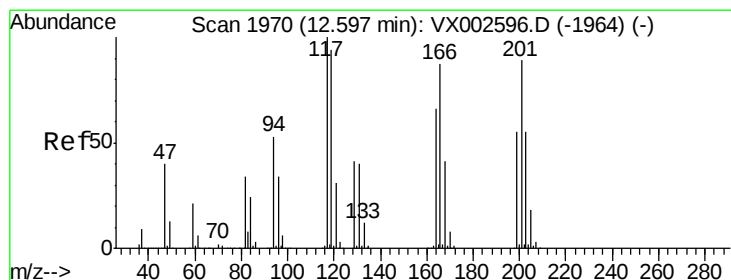
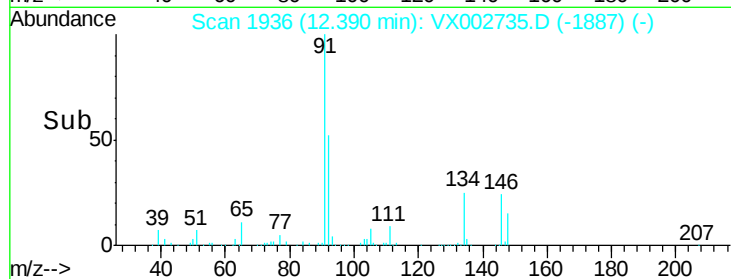
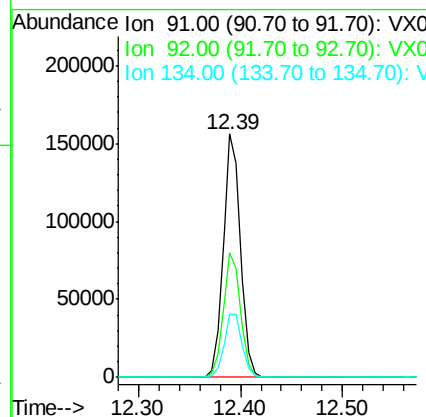
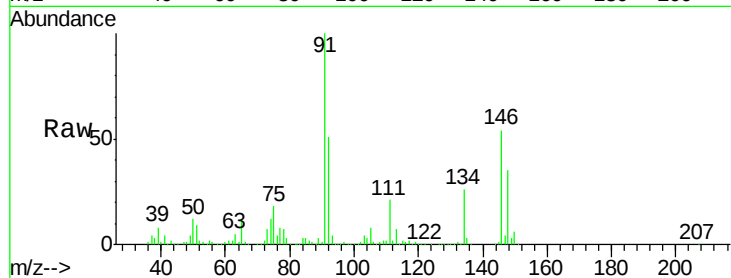
Tot Ion: 91 Resp: 185623

Ion Ratio Lower Upper

91 100

92 51.4 26.0 78.0

134 27.1 13.5 40.5



#90

Hexachloroethane

Concen: 18.69 ug/l

RT: 12.60 min Scan# 1970

Delta R.T. 0.00 min

Lab File: VX002735.D

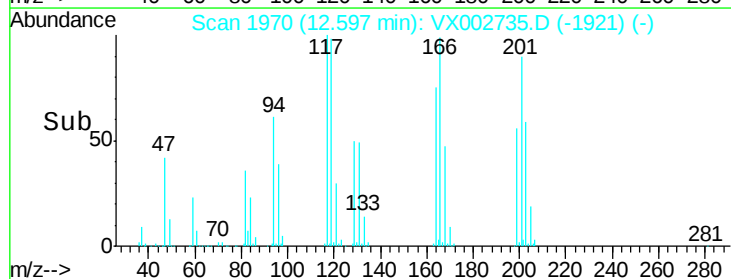
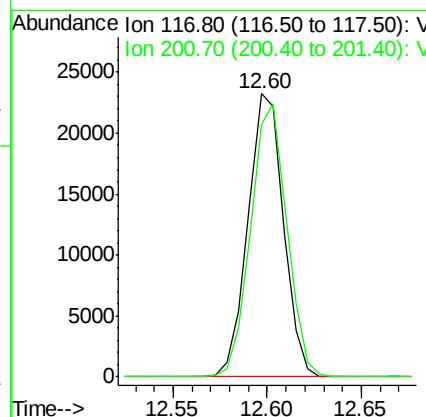
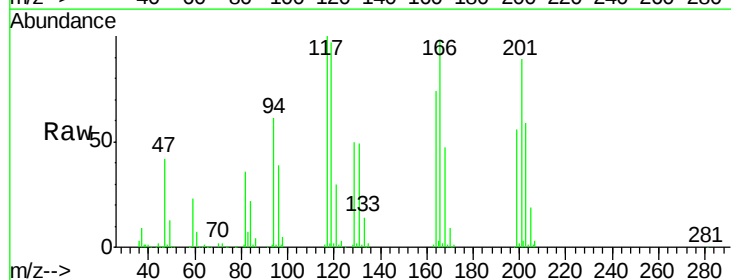
Acq: 20 Jun 2018 02:03

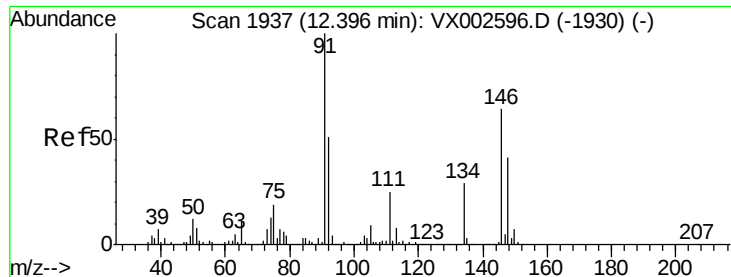
Tgt Ion: 117 Resp: 30362

Ion Ratio Lower Upper

117 100

201 97.7 49.0 147.0

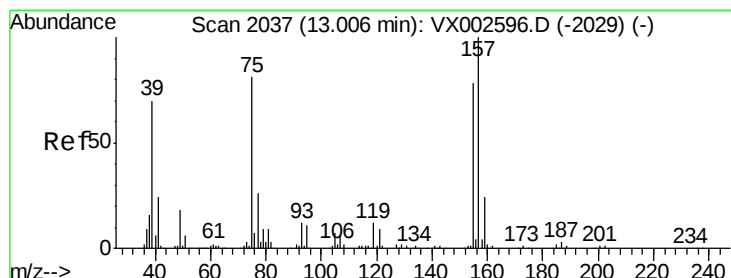
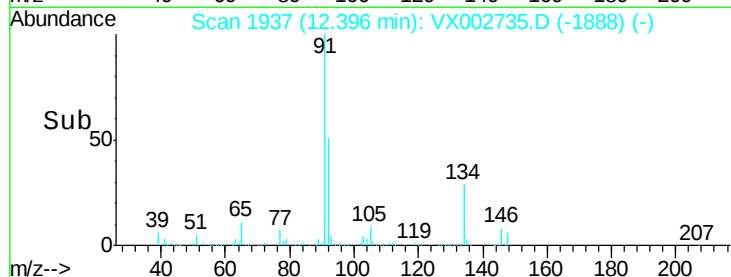
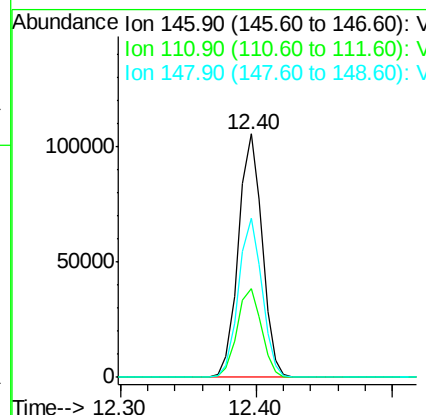
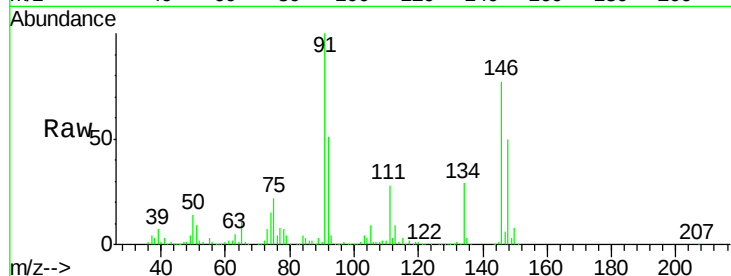




#91
 1,2-Dichlorobenzene
 Concen: 19.85 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. -0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 02:03

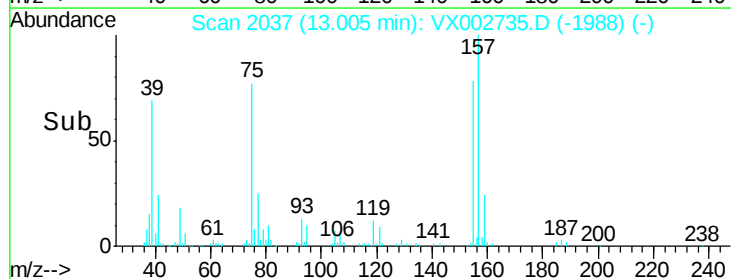
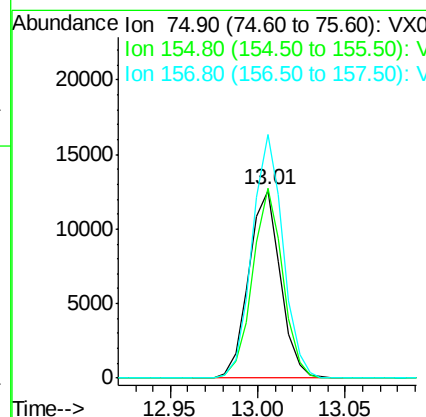
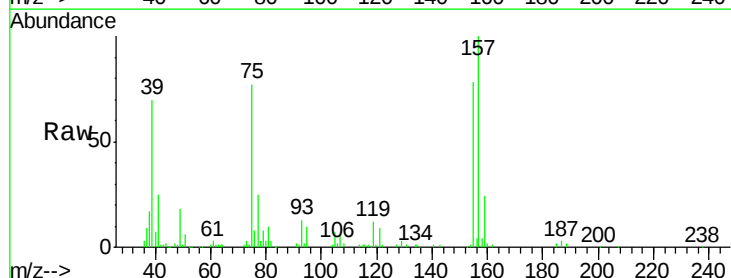
Instrument :
 MSVOA_X
 ClientSampleId :

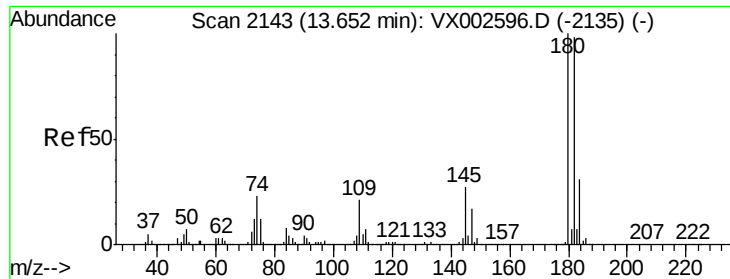
Tot Ion	Ratio	Lower	Upper
146	100		
111	37.5	19.4	58.1
148	65.1	31.7	95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.44 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. -0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 02:03

Tgt Ion	Ratio	Lower	Upper
75	100		
155	96.1	45.8	137.4
157	126.3	60.1	180.3

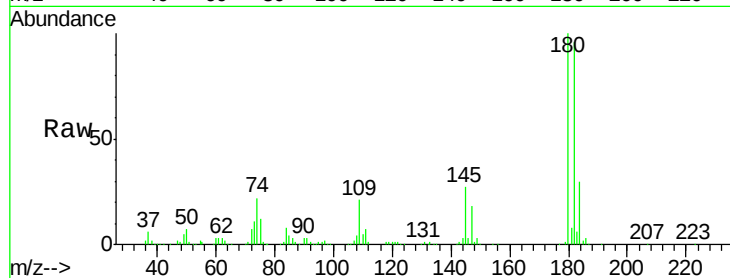




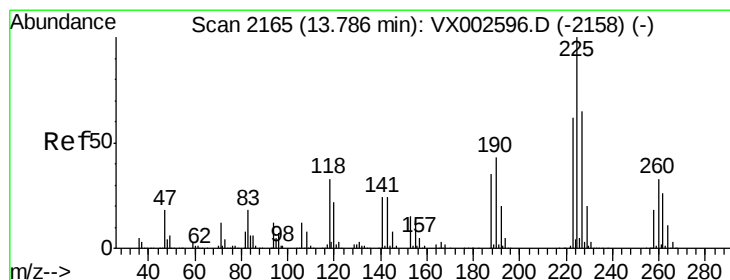
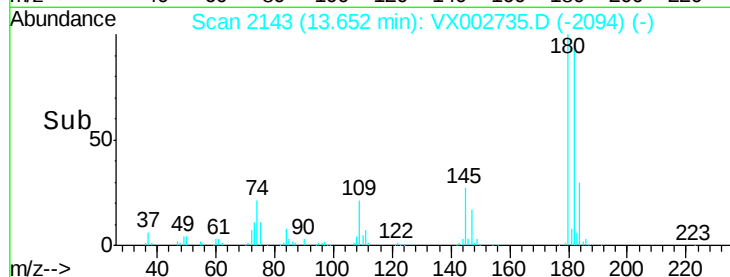
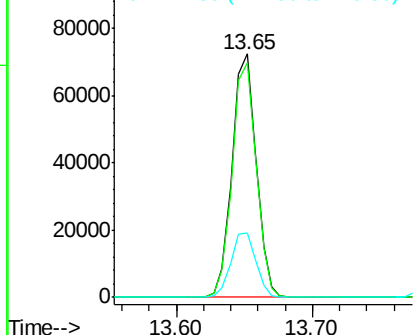
#93
 1,2,4-Trichlorobenzene
 Concen: 19.14 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 02:03

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 89545
 Ion Ratio Lower Upper
 180 100
 182 96.3 47.7 143.1
 145 27.4 14.1 42.4

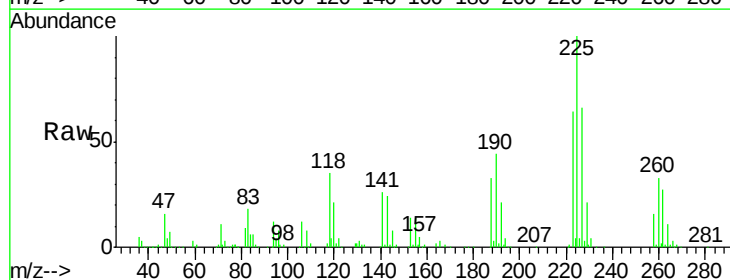


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

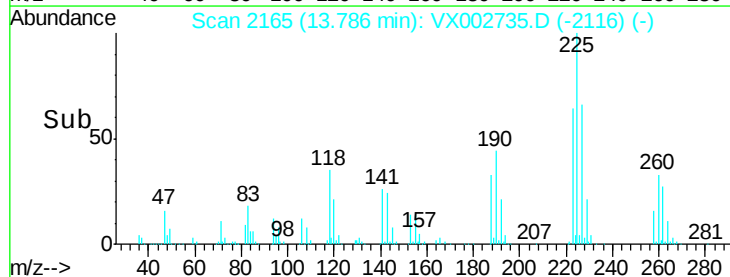
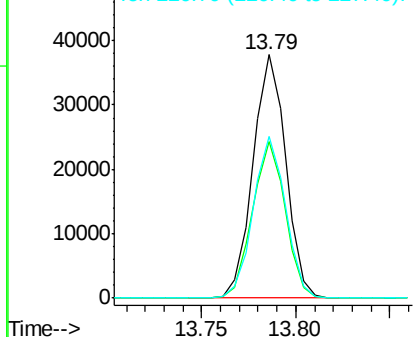


#94
 Hexachlorobutadiene
 Concen: 18.54 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. -0.00 min
 Lab File: VX002735.D
 Acq: 20 Jun 2018 02:03

Tgt Ion:225 Resp: 45698
 Ion Ratio Lower Upper
 225 100
 223 63.8 31.6 95.0
 227 65.4 32.4 97.2



Abundance Ion 224.70 (224.40 to 225.40): V
 Ion 222.70 (222.40 to 223.40): V
 Ion 226.70 (226.40 to 227.40): V

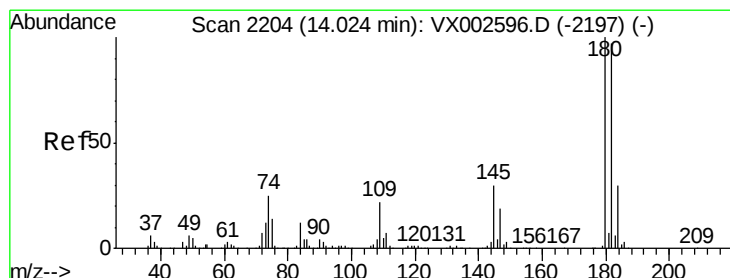
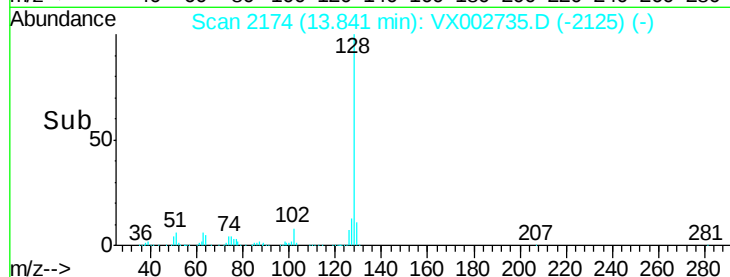
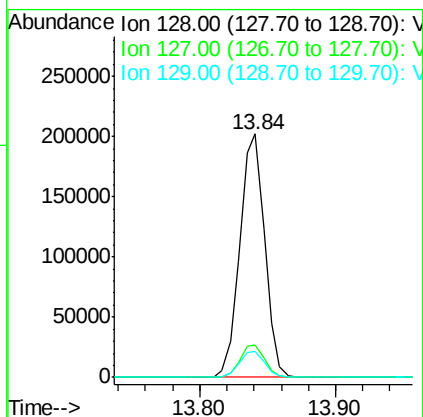
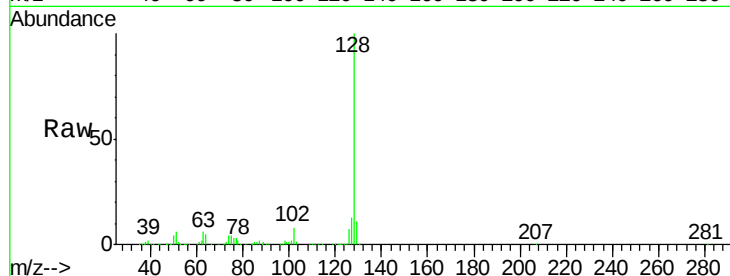




#95
Naphthalene
Concen: 20.40 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. -0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 02:03

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:128 Resp: 256903
Ion Ratio Lower Upper
128 100
127 13.2 10.4 15.6
129 10.8 8.6 13.0



#96
1,2,3-Trichlorobenzene
Concen: 19.74 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. -0.00 min
Lab File: VX002735.D
Acq: 20 Jun 2018 02:03

Tgt Ion:180 Resp: 92757
Ion Ratio Lower Upper
180 100
182 96.4 48.0 144.0
145 29.1 14.8 44.3

