

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062018\
 Data File : VX002759.D
 Acq On : 20 Jun 2018 23:52
 Operator : JC/MD
 Sample : VX0620WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Jun 21 05:54:20 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	231695	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	329976	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	313114	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	192522	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	153624	43.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.26%	
35) Dibromofluoromethane	5.51	113	124375	47.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.46%	
50) Toluene-d8	8.72	98	441916	44.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.38%	
62) 4-Bromofluorobenzene	11.14	95	165064	43.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	48473	19.71	ug/l	99
3) Chloromethane	1.32	50	47660	16.29	ug/l	99
4) Vinyl Chloride	1.40	62	54521	17.96	ug/l #	83
5) Bromomethane	1.64	94	24885	13.58	ug/l	99
6) Chloroethane	1.72	64	39188	19.58	ug/l	100
7) Trichlorofluoromethane	1.93	101	95102	19.28	ug/l	99
8) Diethyl Ether	2.19	74	34052	18.15	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	51978	18.85	ug/l	98
10) Methyl Iodide	2.51	142	44659	15.94	ug/l	99
11) Tert butyl alcohol	3.08	59	71804	98.65	ug/l	97
12) 1,1-Dichloroethene	2.37	96	47549	18.37	ug/l	98
13) Acrolein	2.30	56	37569	113.94	ug/l	98
14) Allyl chloride	2.73	41	92206	17.94	ug/l	100
15) Acrylonitrile	3.15	53	149055	93.85	ug/l	99
16) Acetone	2.45	43	143376	92.30	ug/l	98
17) Carbon Disulfide	2.57	76	134413	21.89	ug/l	98
18) Methyl Acetate	2.78	43	81945	19.80	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	176166	18.14	ug/l	99
20) Methylene Chloride	2.86	84	55180	17.32	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	50461	17.97	ug/l	98
22) Diisopropyl ether	3.88	45	172527	18.55	ug/l	99
23) Vinyl Acetate	3.83	43	740124	95.09	ug/l	99
24) 1,1-Dichloroethane	3.70	63	101711	20.15	ug/l	99
25) 2-Butanone	4.71	43	205749	100.86	ug/l	98
26) 2,2-Dichloropropane	4.59	77	51882	14.30	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	54582	19.10	ug/l	99
28) Bromochloromethane	5.02	49	42760	18.09	ug/l	97
29) Tetrahydrofuran	5.17	42	132793	99.32	ug/l	97
30) Chloroform	5.22	83	97794	20.09	ug/l	99
31) Cyclohexane	5.57	56	80464	19.36	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	85216	20.93	ug/l	99
36) 1,1-Dichloropropene	5.81	75	68381	19.51	ug/l	98
37) Ethyl Acetate	4.87	43	79667	20.08	ug/l	99
38) Carbon Tetrachloride	5.79	117	77576	22.23	ug/l	98

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	76947	18.78	ug/l	98
40) Benzene	6.15	78	205935	19.60	ug/l	98
41) Methacrylonitrile	5.07	41	45434	20.29	ug/l	98
42) 1,2-Dichloroethane	6.20	62	82642	20.31	ug/l	99
43) Isopropyl Acetate	6.47	43	127706	19.43	ug/l	99
44) Trichloroethene	7.22	130	59934	19.76	ug/l	98
45) 1,2-Dichloropropane	7.52	63	55690	20.14	ug/l	96
46) Dibromomethane	7.67	93	38367	20.74	ug/l	98
47) Bromodichloromethane	7.90	83	70670	21.66	ug/l	96
48) Methyl methacrylate	7.78	41	67054	19.97	ug/l	99
49) 1,4-Dioxane	7.76	88	26821	421.71	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	423436	100.35	ug/l	99
52) Toluene	8.79	92	131339	19.59	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	74935	18.91	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	68915	18.86	ug/l	97
55) 1,1,2-Trichloroethane	9.22	97	54654	20.18	ug/l	97
56) Ethyl methacrylate	9.19	69	80415	19.29	ug/l	98
57) 1,3-Dichloropropane	9.38	76	90646	19.79	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	172450	85.54	ug/l	99
59) 2-Hexanone	9.50	43	322465	101.41	ug/l	98
60) Dibromochloromethane	9.59	129	57033	21.07	ug/l	99
61) 1,2-Dibromoethane	9.68	107	57553	20.52	ug/l	100
64) Tetrachloroethene	9.34	164	64998	18.70	ug/l	97
65) Chlorobenzene	10.14	112	151980	19.76	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	56679	21.62	ug/l	99
67) Ethyl Benzene	10.26	91	254826	19.65	ug/l	100
68) m/p-Xylenes	10.37	106	196124	39.20	ug/l	99
69) o-Xylene	10.70	106	96626	19.66	ug/l	97
70) Styrene	10.71	104	159995	19.79	ug/l	99
71) Bromoform	10.86	173	43485	21.30	ug/l #	100
73) Isopropylbenzene	11.02	105	261604	20.32	ug/l	100
74) N-amyl acetate	6.47	43	127706	19.96	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	84557	22.24	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	83721	23.05	ug/l	81
77) Bromobenzene	11.26	156	74061	20.65	ug/l	96
78) n-propylbenzene	11.37	91	291304	19.73	ug/l	99
79) 2-Chlorotoluene	11.43	91	175908	19.95	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	217428	19.98	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	14801	16.13	ug/l	88
82) 4-Chlorotoluene	11.51	91	206048	19.81	ug/l	99
83) tert-Butylbenzene	11.77	119	214616	20.47	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	227491	20.49	ug/l	99
85) sec-Butylbenzene	11.95	105	260735	20.00	ug/l	100
86) p-Isopropyltoluene	12.07	119	229585	19.47	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	131316	19.96	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	134008	20.02	ug/l	99
89) n-Butylbenzene	12.39	91	189833	18.25	ug/l	99
90) Hexachloroethane	12.60	117	31739	18.98	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	131962	19.93	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.01	75	17521	22.00	ug/l	98

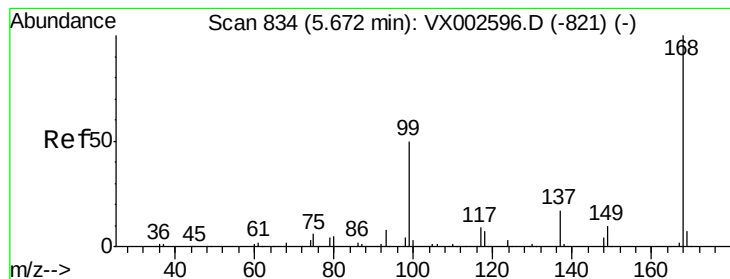
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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	93125	19.38	ug/l	99
94) Hexachlorobutadiene	13.79	225	46331	18.30	ug/l	99
95) Naphthalene	13.84	128	271008	20.96	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	96945	20.09	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: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :

MSVOA_X

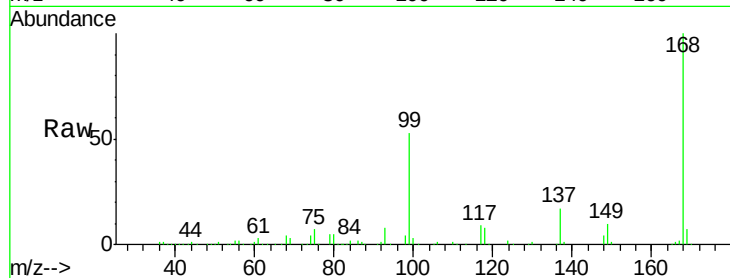
ClientSampleId :

Tot Ion:168 Resp: 231695

Ion Ratio Lower Upper

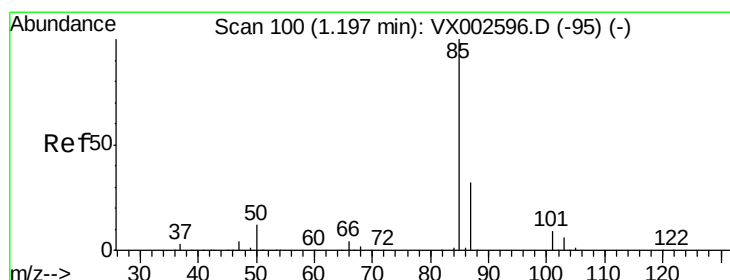
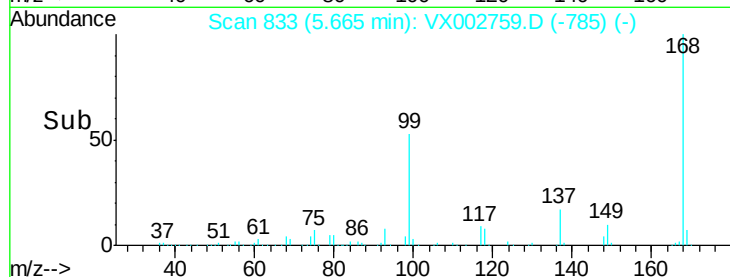
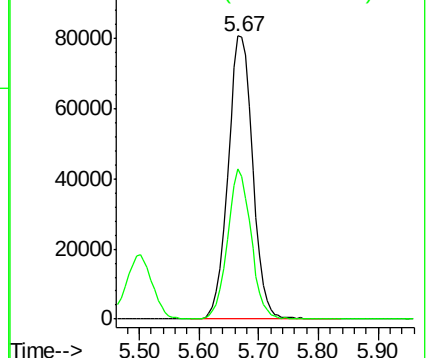
168 100

99 53.0 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 19.71 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX002759.D

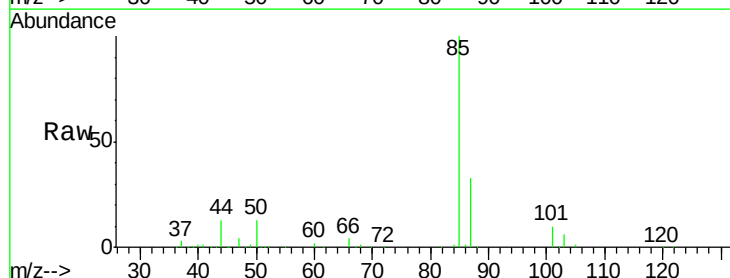
Acq: 20 Jun 2018 23:52

Tgt Ion: 85 Resp: 48473

Ion Ratio Lower Upper

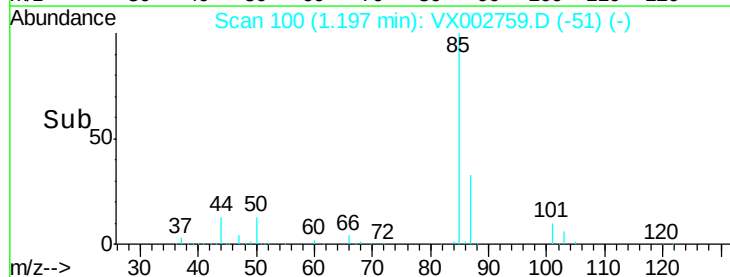
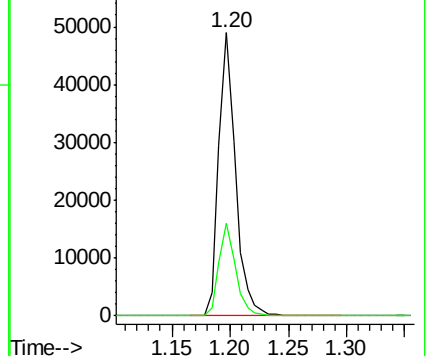
85 100

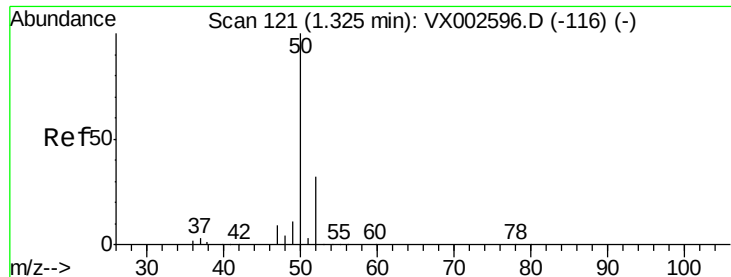
87 32.6 16.0 47.9



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#3

Chloromethane

Concen: 16.29 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :

MSVOA_X

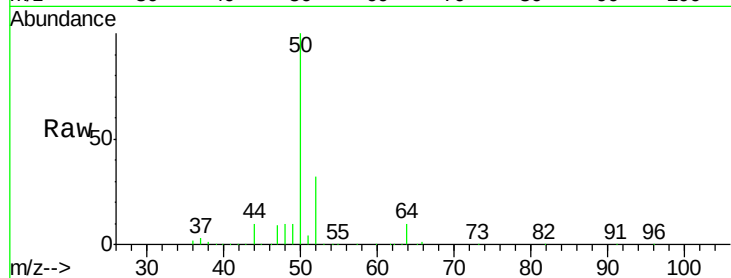
ClientSampleId :

Tot Ion: 50 Resp: 47660

Ion Ratio Lower Upper

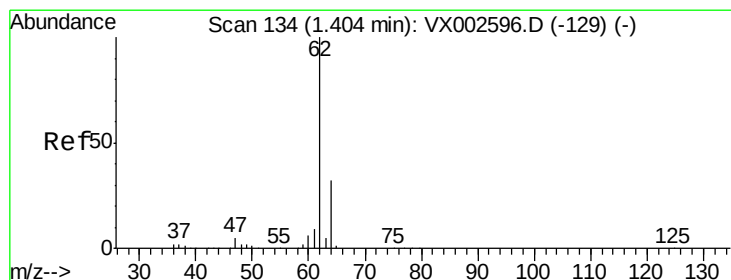
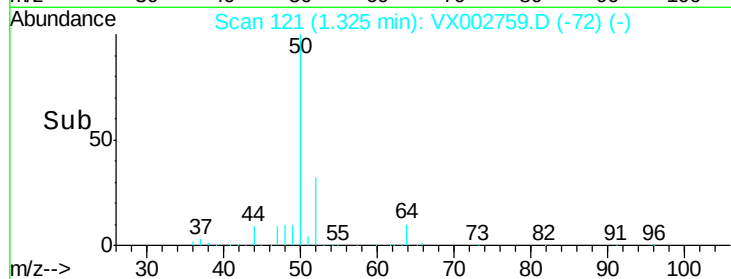
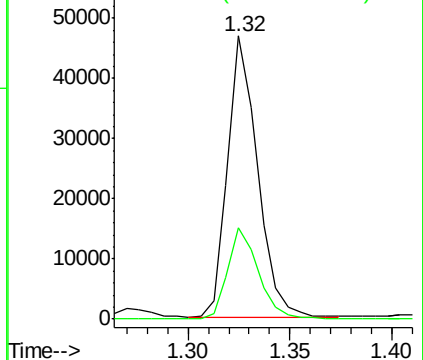
50 100

52 32.4 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 17.96 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX002759.D

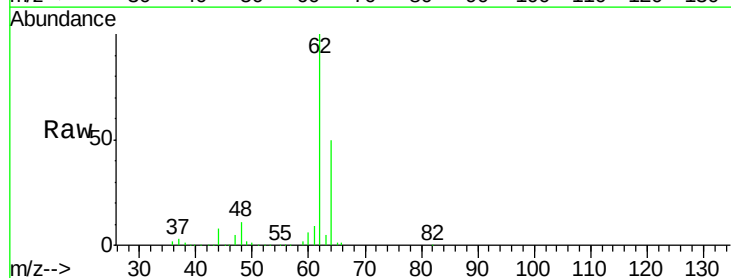
Acq: 20 Jun 2018 23:52

Tgt Ion: 62 Resp: 54521

Ion Ratio Lower Upper

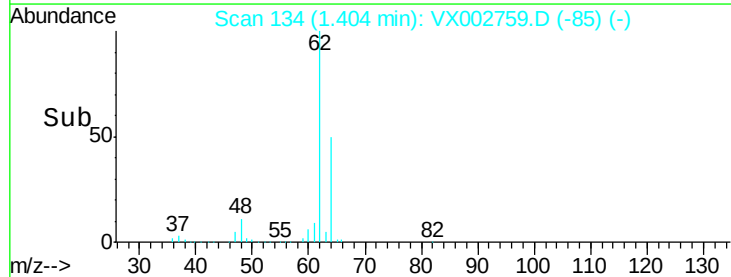
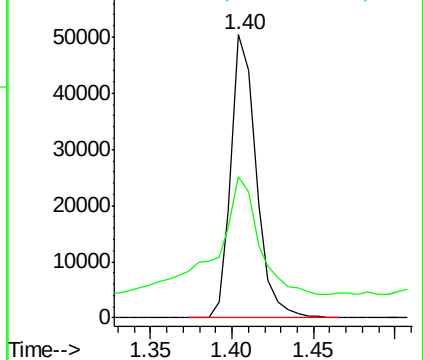
62 100

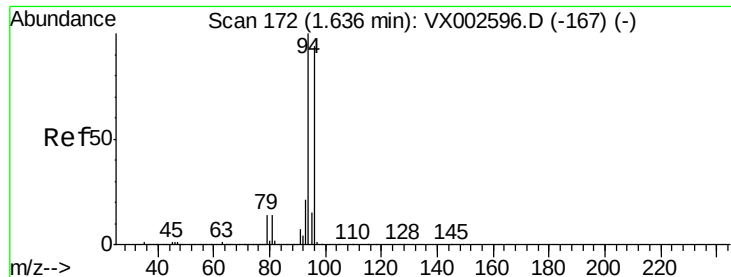
64 41.3 25.4 38.2#



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 13.58 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :

MSVOA_X

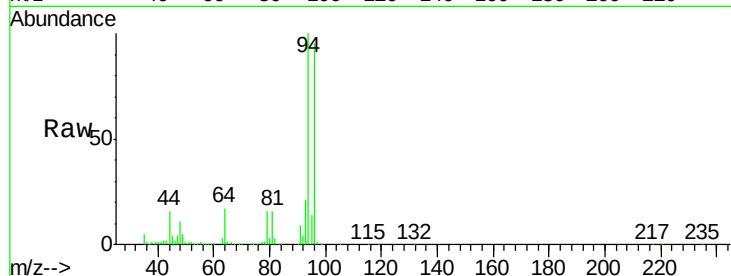
ClientSampled :

Tot Ion: 94 Resp: 24885

Ion Ratio Lower Upper

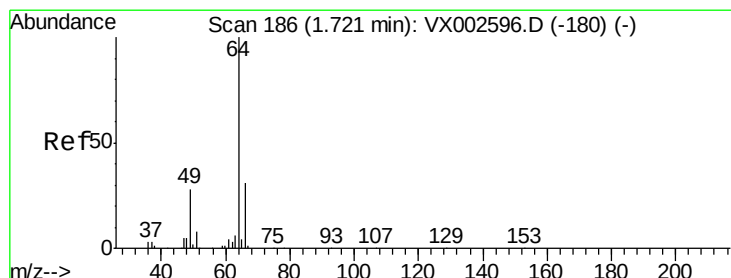
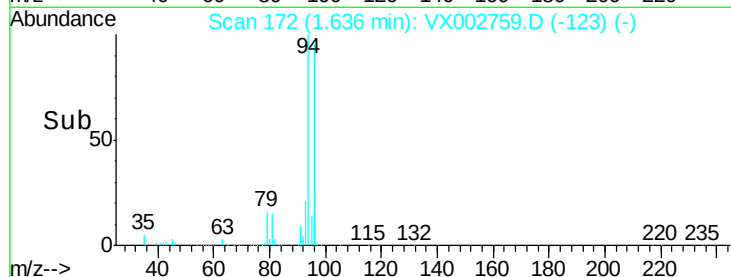
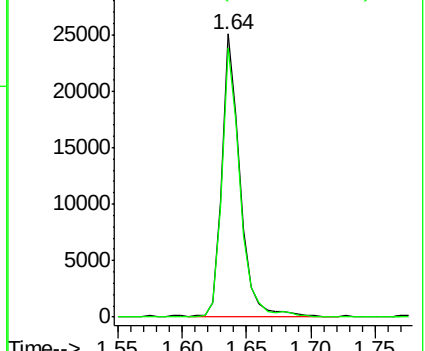
94 100

96 95.0 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: 19.58 ug/l

RT: 1.72 min Scan# 186

Delta R.T. 0.00 min

Lab File: VX002759.D

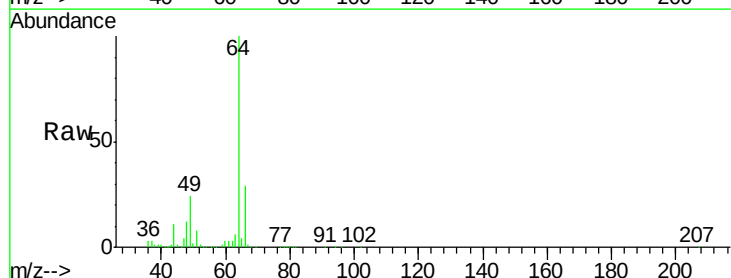
Acq: 20 Jun 2018 23:52

Tgt Ion: 64 Resp: 39188

Ion Ratio Lower Upper

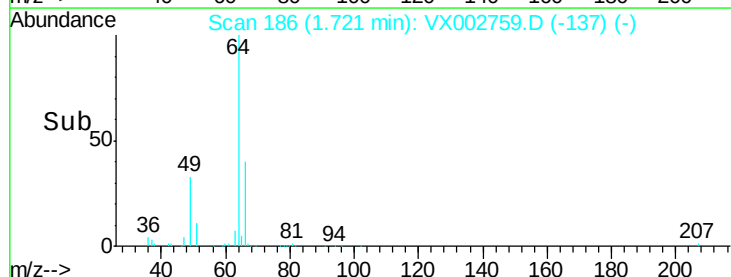
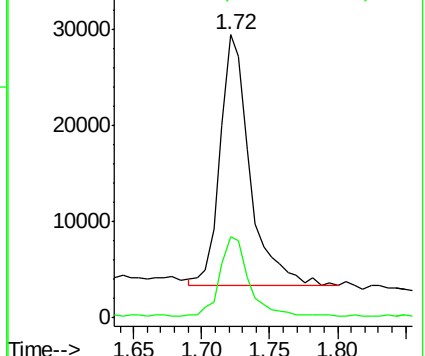
64 100

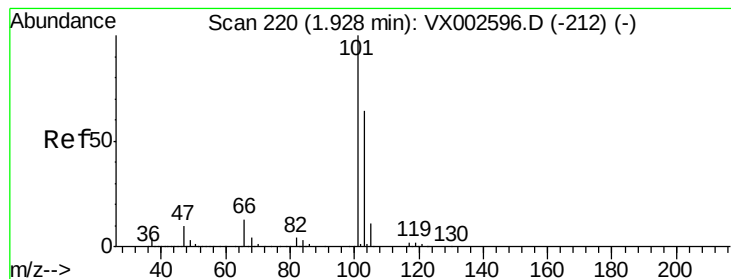
66 31.7 25.5 38.3



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0





#7

Trichlorofluoromethane

Concen: 19.28 ug/l

RT: 1.93 min Scan# 220

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :

MSVOA_X

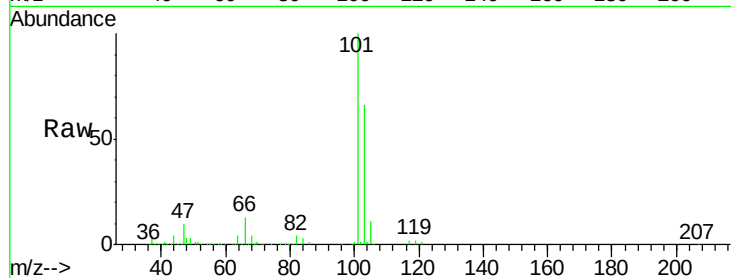
ClientSampleId :

Tot Ion:101 Resp: 95102

Ion Ratio Lower Upper

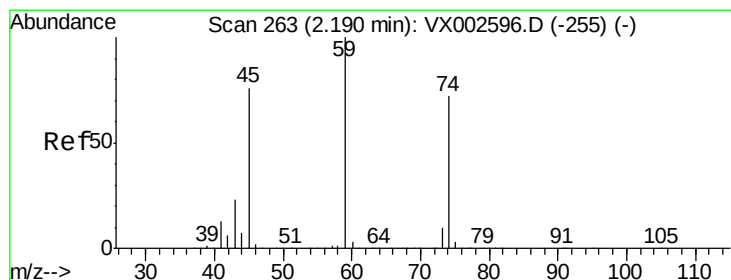
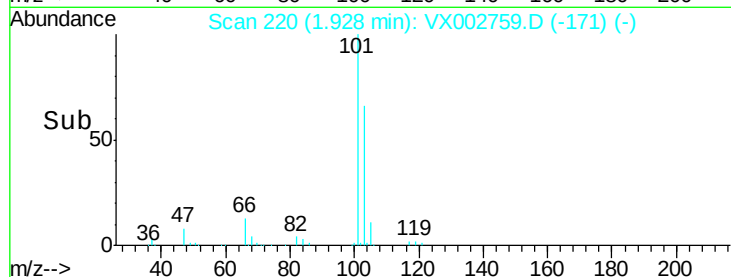
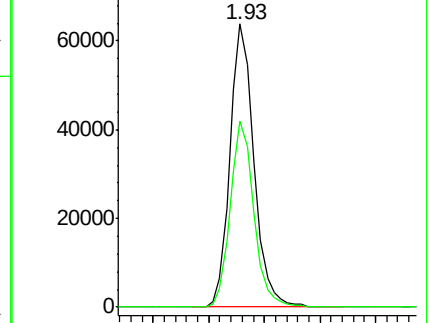
101 100

103 65.6 52.8 79.2



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 102.80 (102.50 to 103.50): V



#8

Diethyl Ether

Concen: 18.15 ug/l

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002759.D

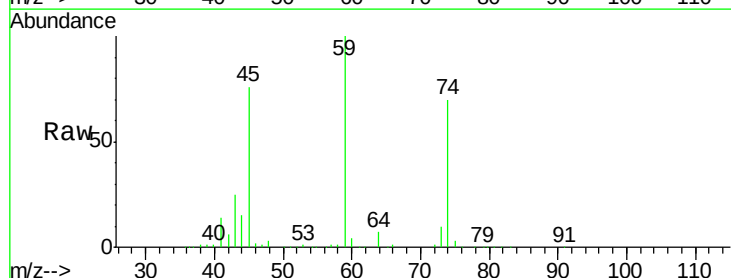
Acq: 20 Jun 2018 23:52

Tgt Ion: 74 Resp: 34052

Ion Ratio Lower Upper

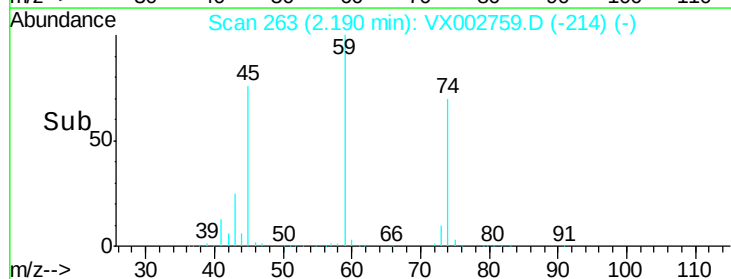
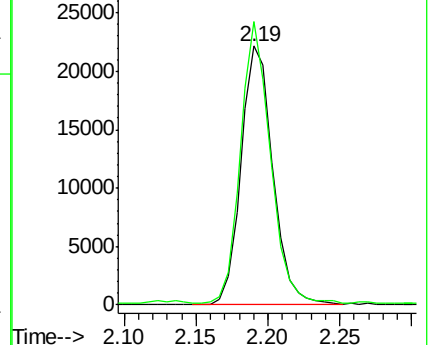
74 100

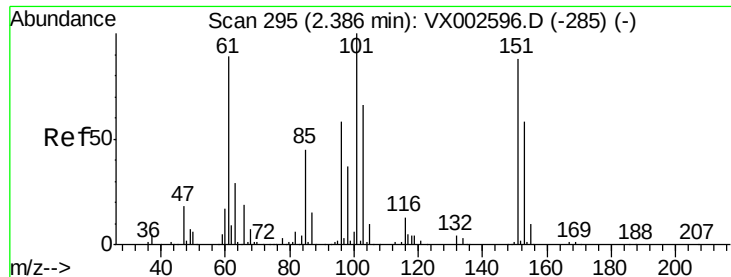
45 102.5 53.1 159.4



Abundance Ion 74.00 (73.70 to 74.70): VX0

Ion 45.00 (44.70 to 45.70): VX0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 18.85 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

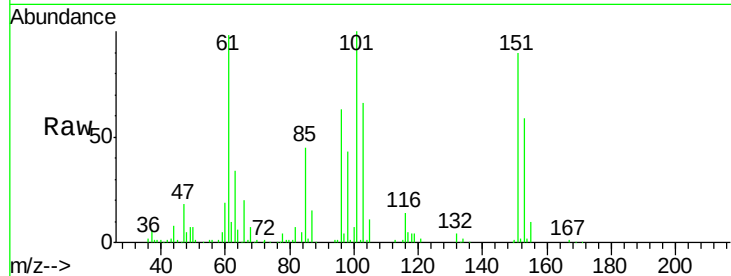
Tot Ion:101 Resp: 51978

Ion Ratio Lower Upper

101 100

85 46.6 36.0 54.0

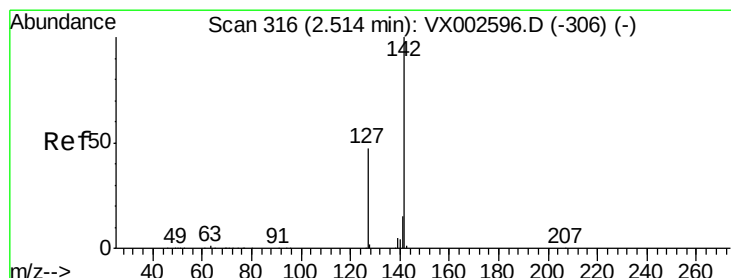
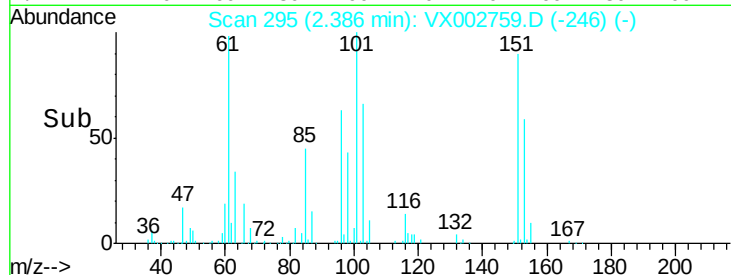
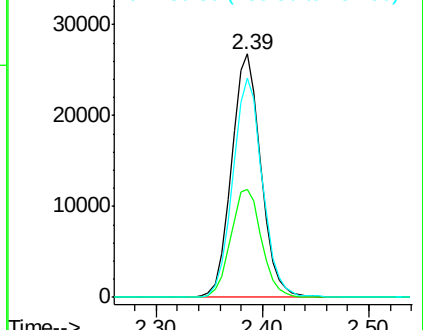
151 90.8 70.9 106.3



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: 15.94 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

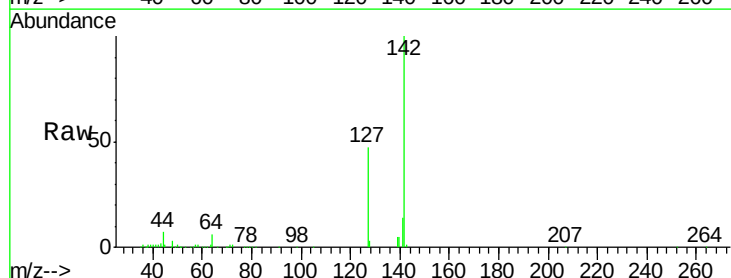
Tgt Ion:142 Resp: 44659

Ion Ratio Lower Upper

142 100

127 46.7 36.6 55.0

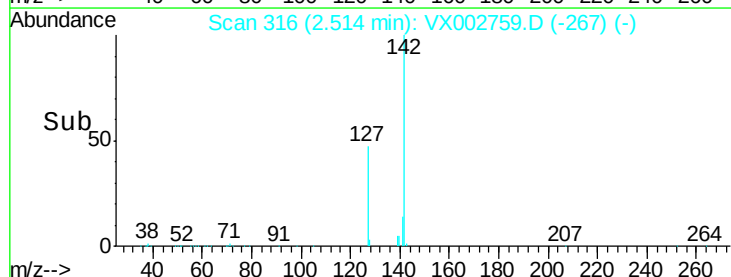
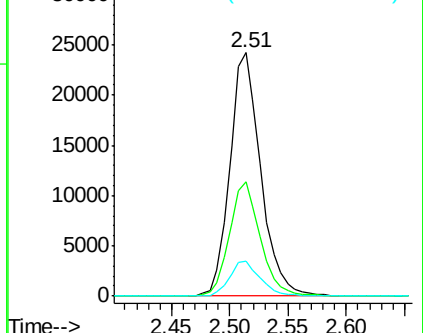
141 14.4 11.3 16.9

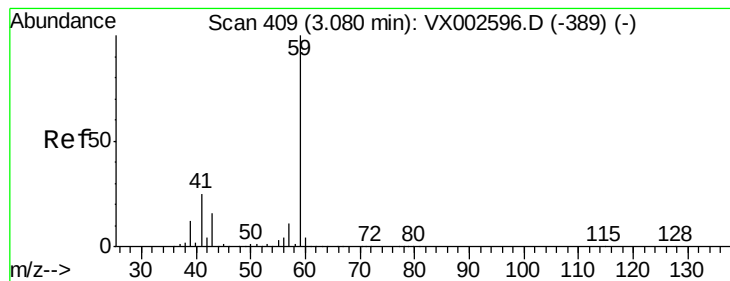


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 98.65 ug/l

RT: 3.08 min Scan# 409

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :

MSVOA_X

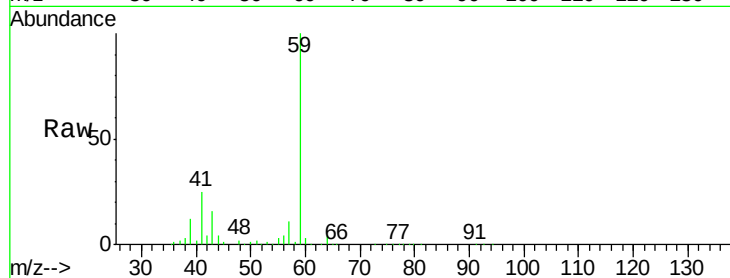
ClientSampled :

Tot Ion: 59 Resp: 71804

Ion Ratio Lower Upper

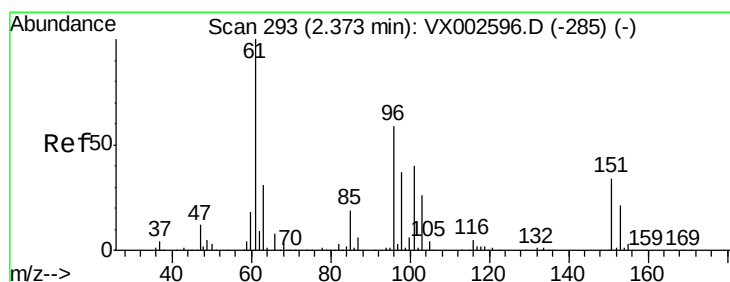
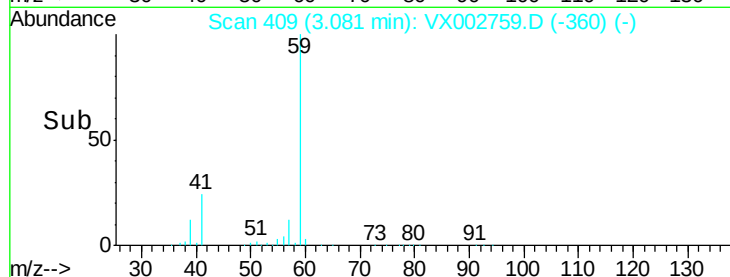
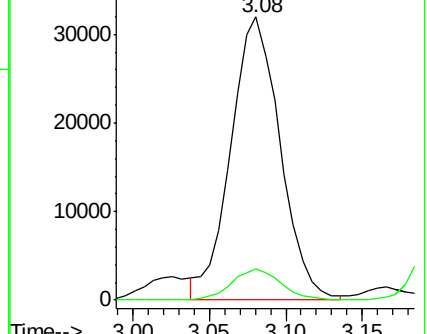
59 100

57 11.4 8.2 12.2



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 18.37 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

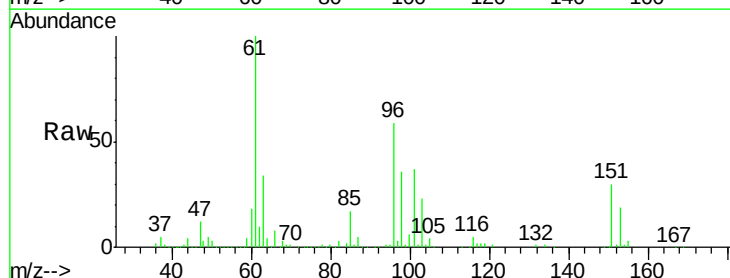
Tgt Ion: 96 Resp: 47549

Ion Ratio Lower Upper

96 100

61 170.6 137.9 206.9

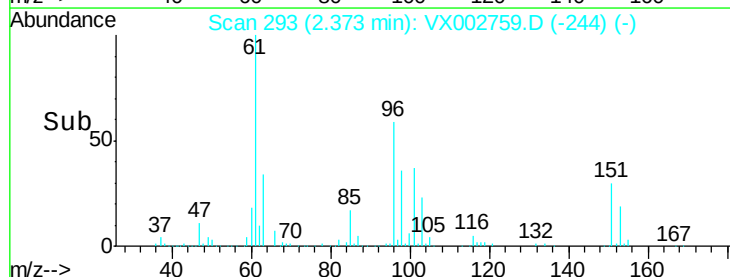
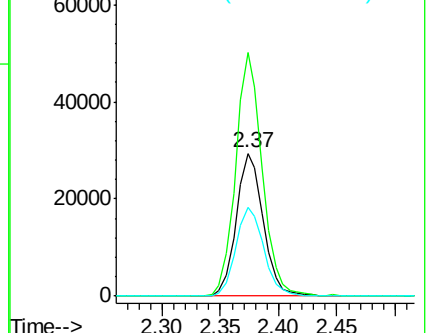
98 61.8 51.6 77.4

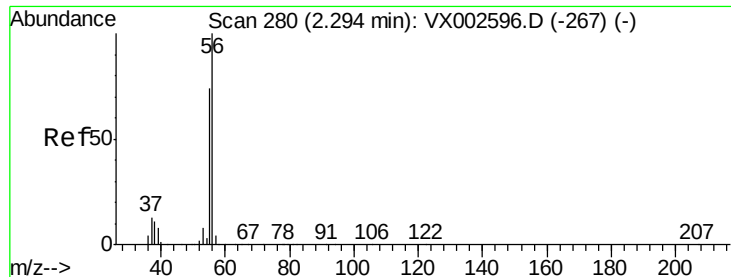


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 113.94 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.01 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

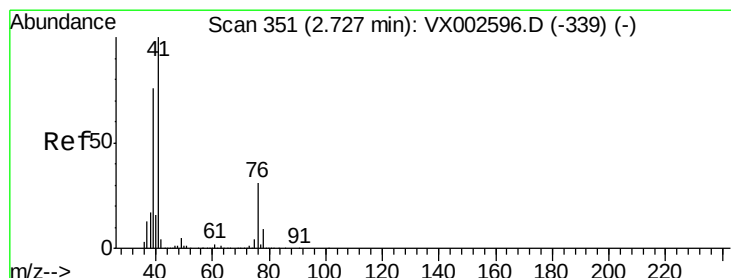
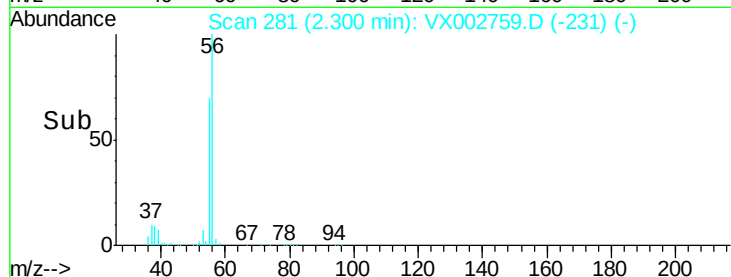
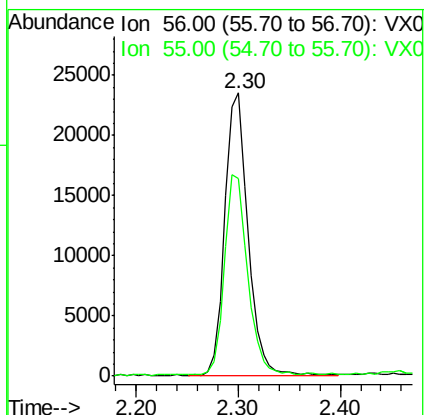
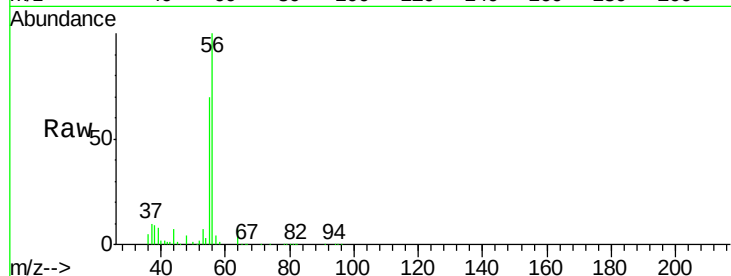
Instrument :
MSVOA_X
ClientSampled :

Tot Ion: 56 Resp: 37569

Ion Ratio Lower Upper

56 100

55 69.2 57.0 85.4



#14

Allyl chloride

Concen: 17.94 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

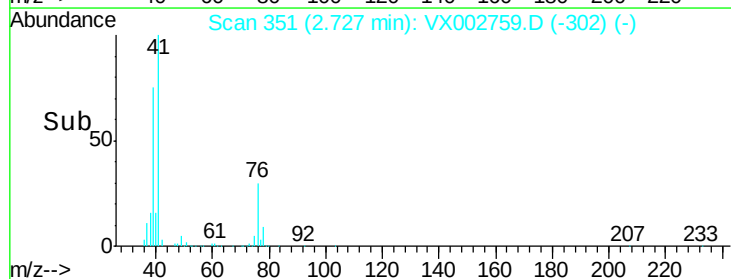
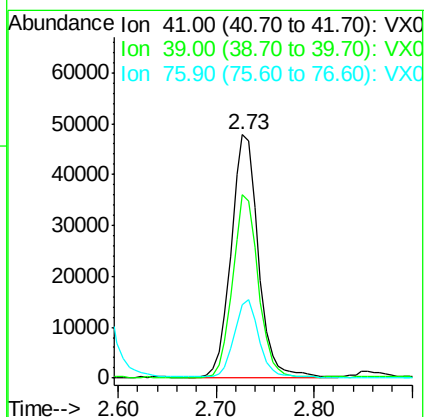
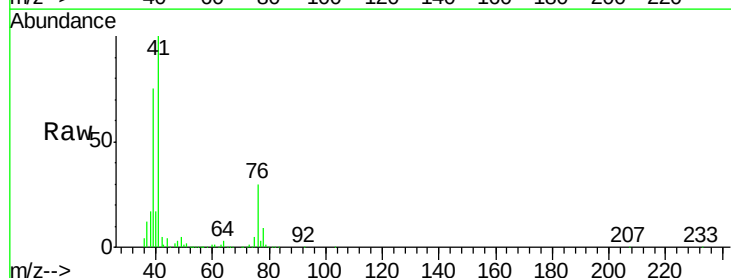
Tgt Ion: 41 Resp: 92206

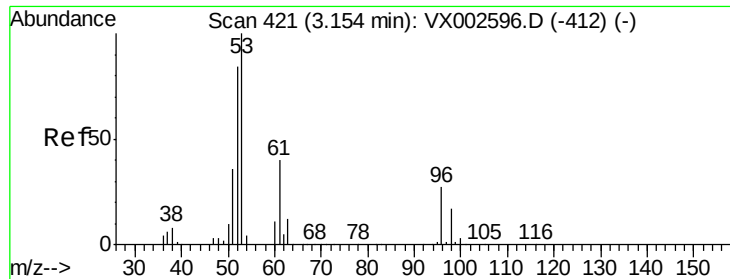
Ion Ratio Lower Upper

41 100

39 71.1 56.8 85.2

76 29.8 23.8 35.8





#15

Acrylonitrile

Concen: 93.85 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :

MSVOA_X

ClientSampled :

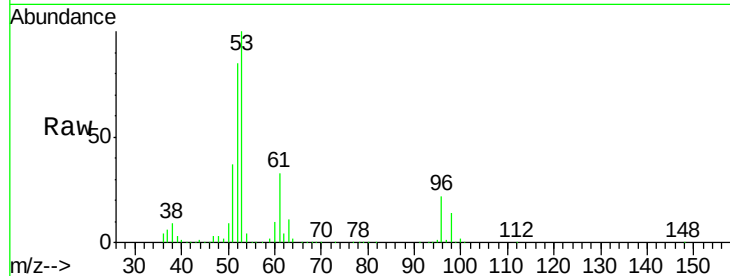
Tot Ion: 53 Resp: 149055

Ion Ratio Lower Upper

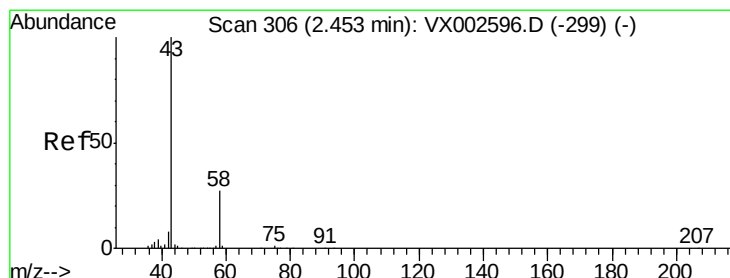
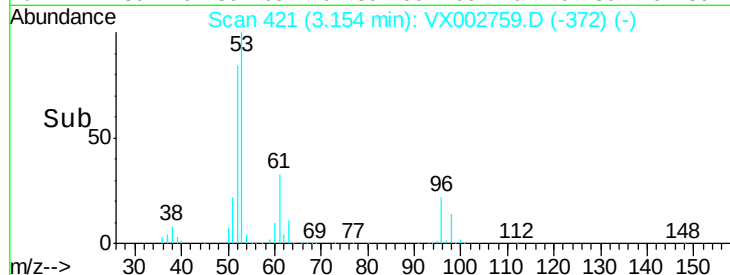
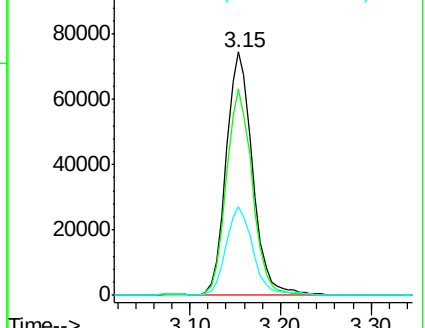
53 100

52 84.3 66.7 100.1

51 37.7 29.9 44.9



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



#16

Acetone

Concen: 92.30 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX002759.D

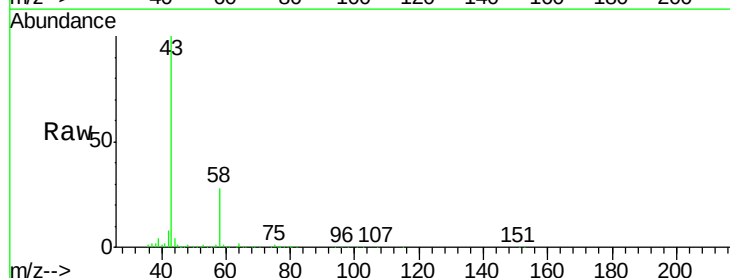
Acq: 20 Jun 2018 23:52

Tgt Ion: 43 Resp: 143376

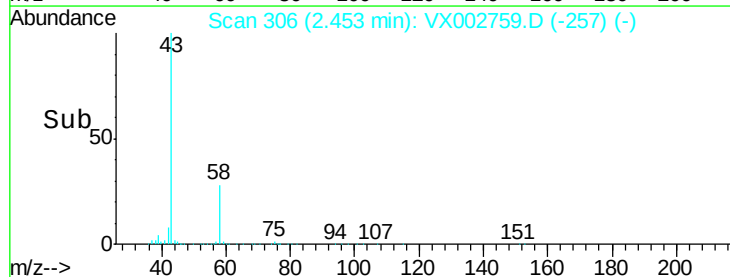
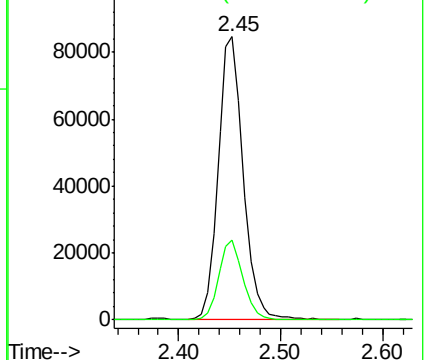
Ion Ratio Lower Upper

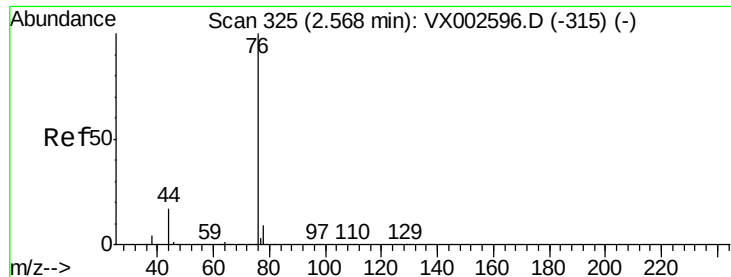
43 100

58 28.5 22.1 33.1



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





#17

Carbon Disulfide

Concen: 21.89 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :

MSVOA_X

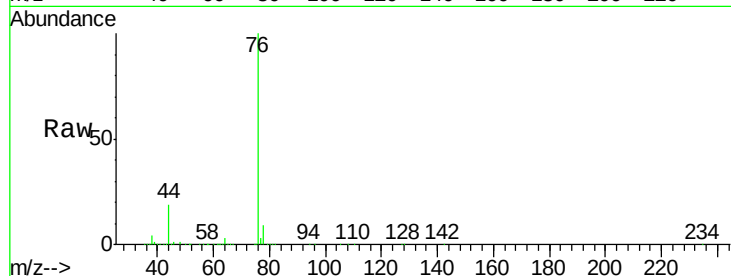
ClientSampleId :

Tot Ion: 76 Resp: 134413

Ion Ratio Lower Upper

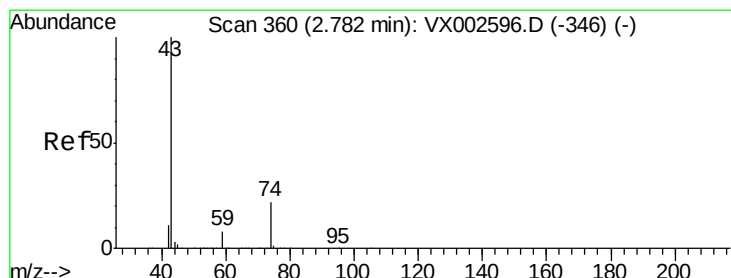
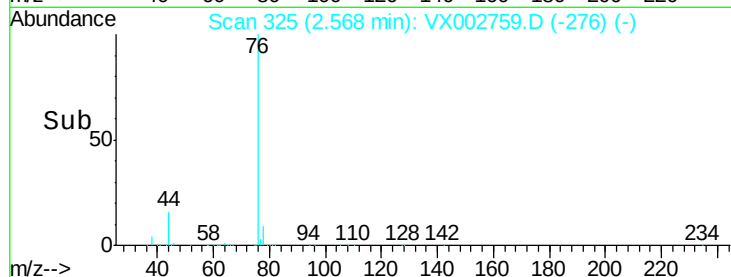
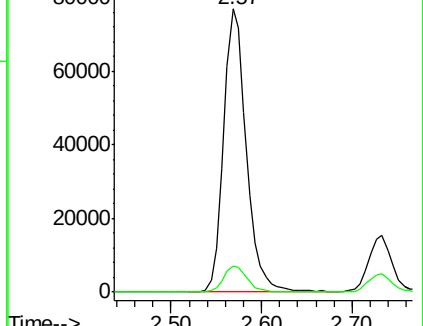
76 100

78 9.3 6.9 10.3



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 19.80 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX002759.D

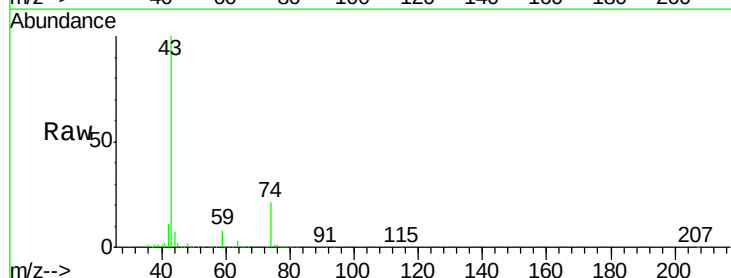
Acq: 20 Jun 2018 23:52

Tgt Ion: 43 Resp: 81945

Ion Ratio Lower Upper

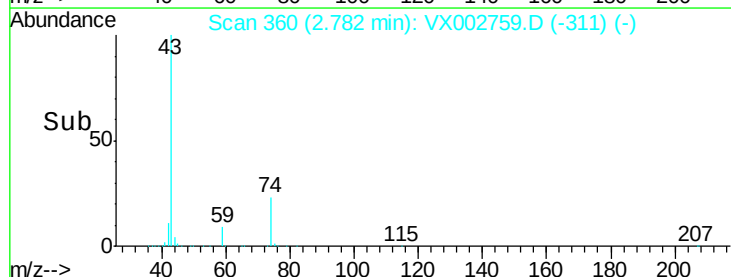
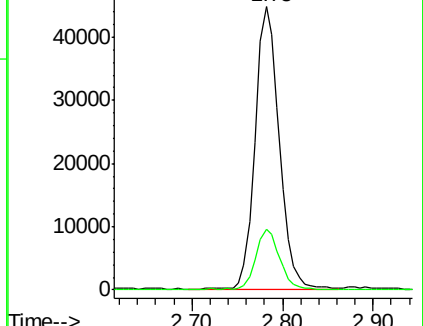
43 100

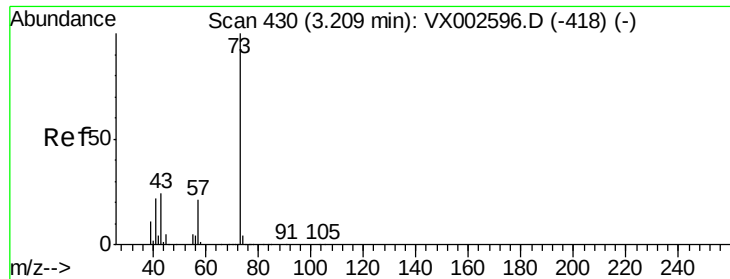
74 21.2 16.7 25.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



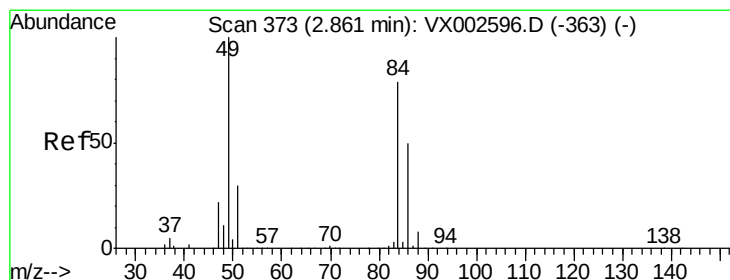
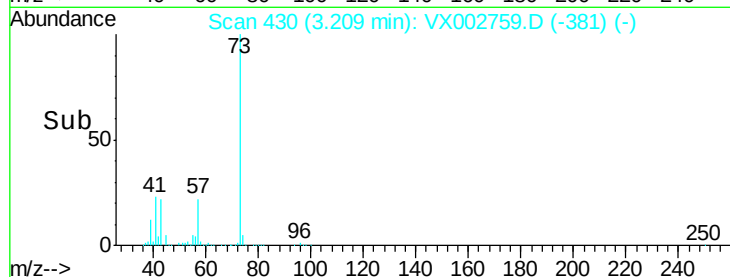
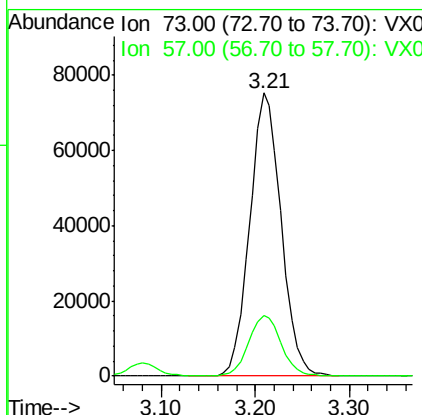
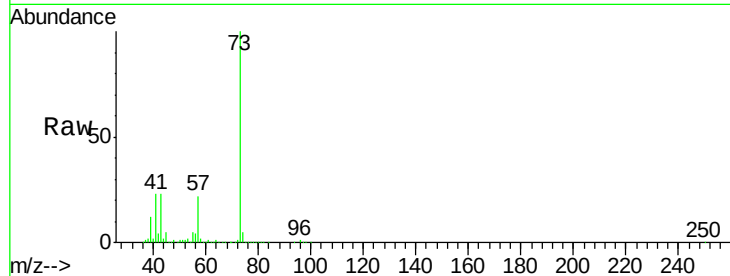


#19

Methyl tert-butyl Ether
 Concen: 18.14 ug/l
 RT: 3.21 min Scan# 430
 Delta R.T. 0.00 min
 Lab File: VX002759.D
 Acq: 20 Jun 2018 23:52

Instrument :
 MSVOA_X
 ClientSampleId :

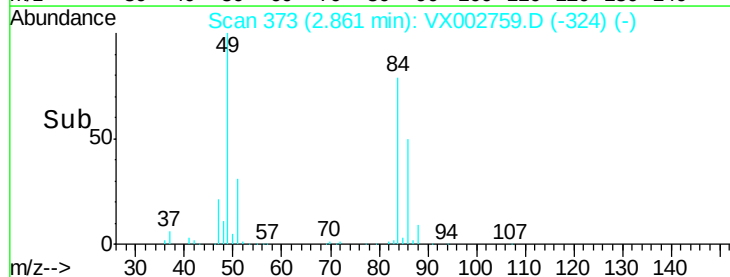
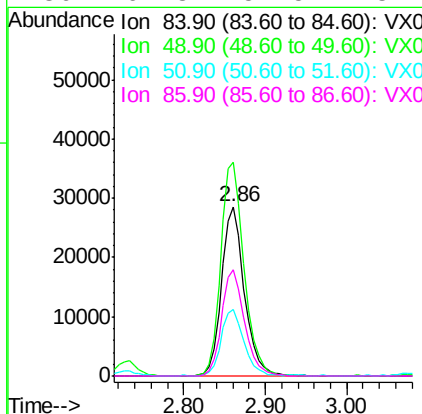
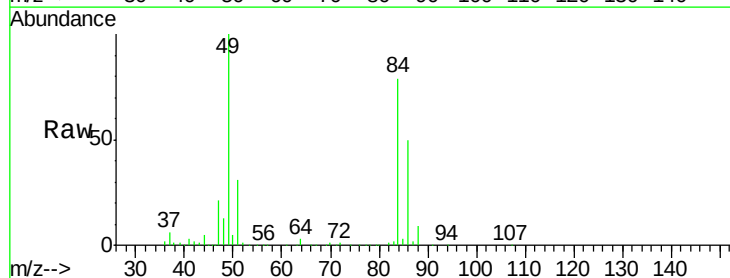
Tot Ion: 73 Resp: 176166
 Ion Ratio Lower Upper
 73 100
 57 21.5 17.7 26.5

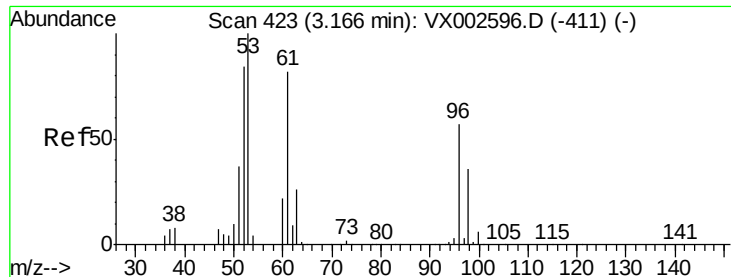


#20

Methylene Chloride
 Concen: 17.32 ug/l
 RT: 2.86 min Scan# 373
 Delta R.T. 0.00 min
 Lab File: VX002759.D
 Acq: 20 Jun 2018 23:52

Tgt Ion: 84 Resp: 55180
 Ion Ratio Lower Upper
 84 100
 49 126.2 107.8 161.6
 51 38.9 32.8 49.2
 86 62.8 52.5 78.7





#21

trans-1,2-Dichloroethene

Concen: 17.97 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :
MSVOA_X
ClientSampled :

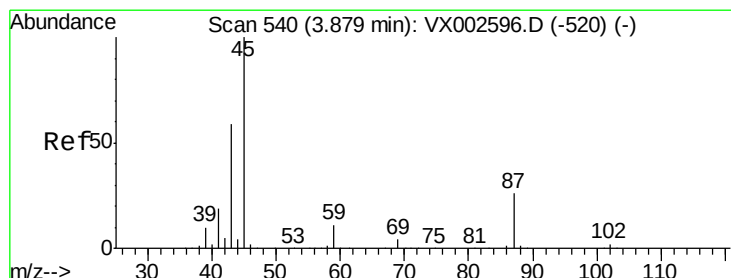
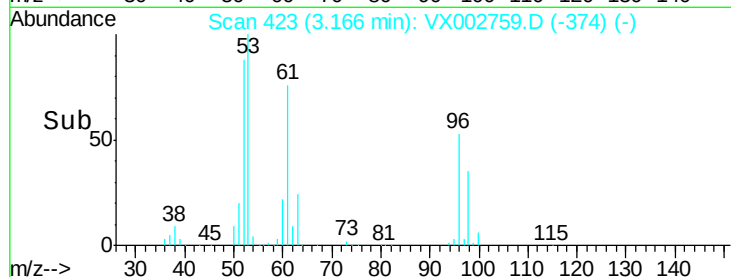
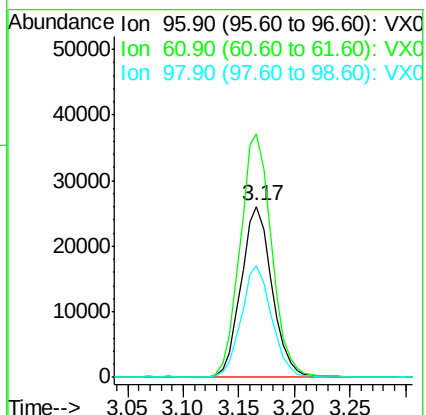
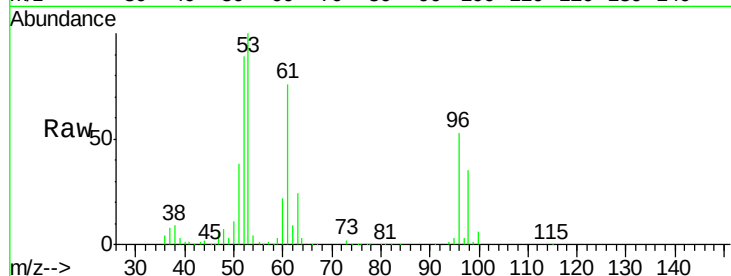
Tot Ion: 96 Resp: 50461

Ion Ratio Lower Upper

96 100

61 142.3 117.0 175.4

98 65.5 52.4 78.6



#22

Diisopropyl ether

Concen: 18.55 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Tgt Ion: 45 Resp: 172527

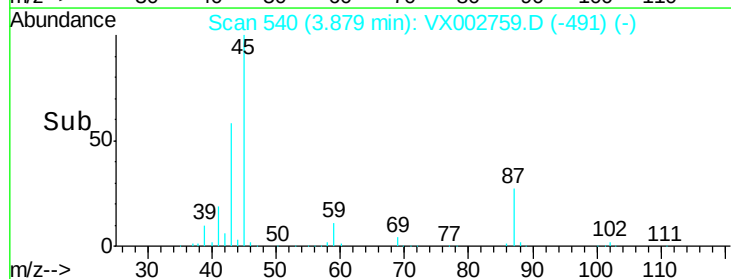
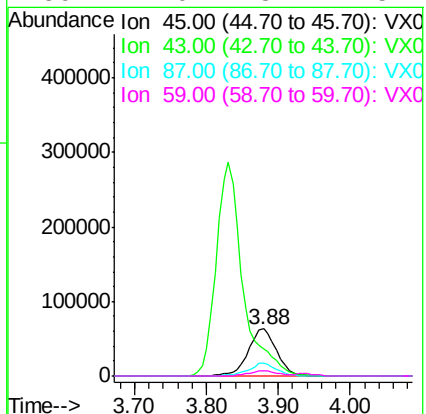
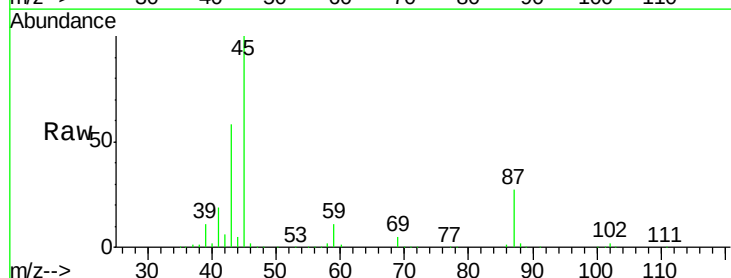
Ion Ratio Lower Upper

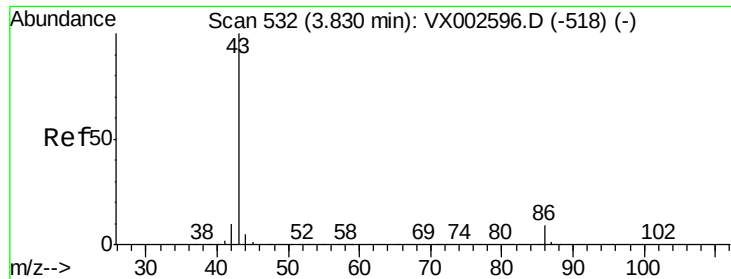
45 100

43 58.1 46.8 70.2

87 26.8 20.2 30.4

59 11.0 8.7 13.1





#23

Vinyl Acetate

Concen: 95.09 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

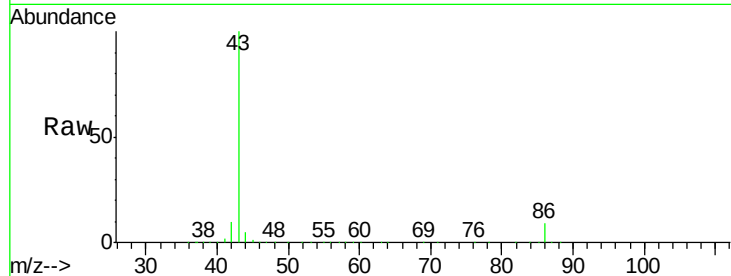
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 740124

Ion Ratio Lower Upper

43 100

86 9.4 7.4 11.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

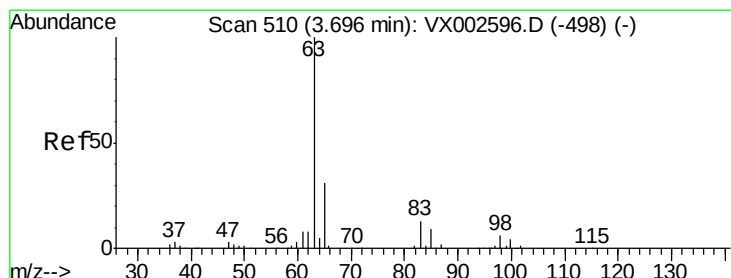
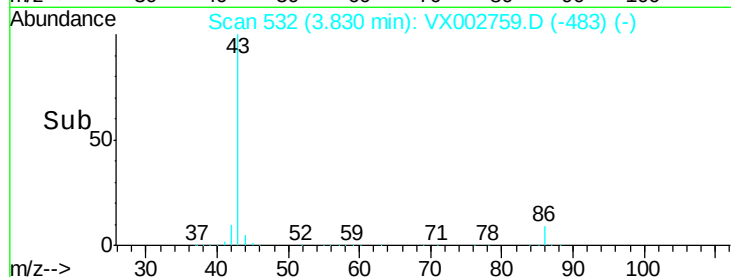
300000

200000

100000

0

Time-->



#24

1,1-Dichloroethane

Concen: 20.15 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.01 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

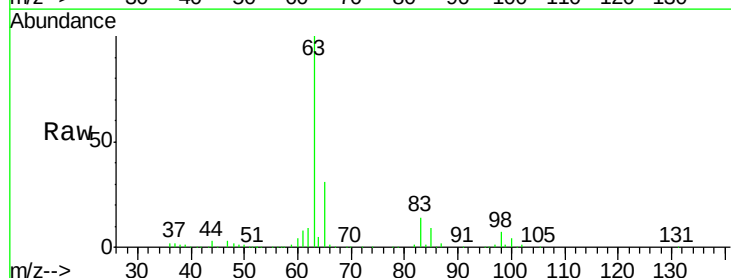
Tgt Ion: 63 Resp: 101711

Ion Ratio Lower Upper

63 100

98 6.6 3.4 10.2

100 3.7 2.0 6.0



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

50000

40000

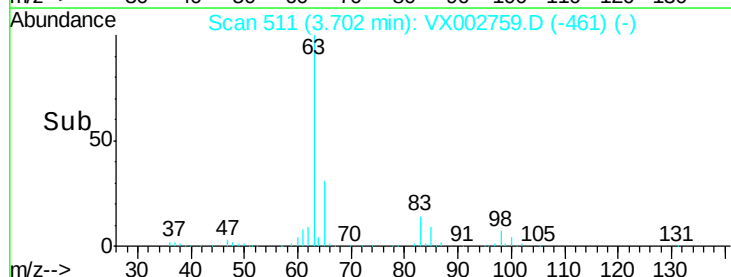
30000

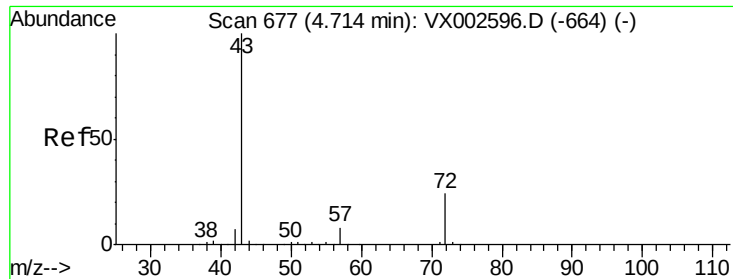
20000

10000

0

Time-->





#25

2-Butanone

Concen: 100.86 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :

MSVOA_X

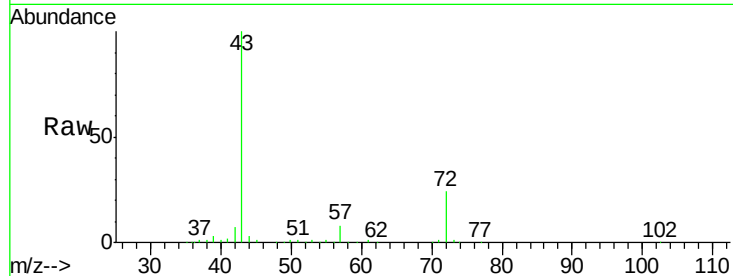
ClientSampleId :

Tot Ion: 43 Resp: 205749

Ion Ratio Lower Upper

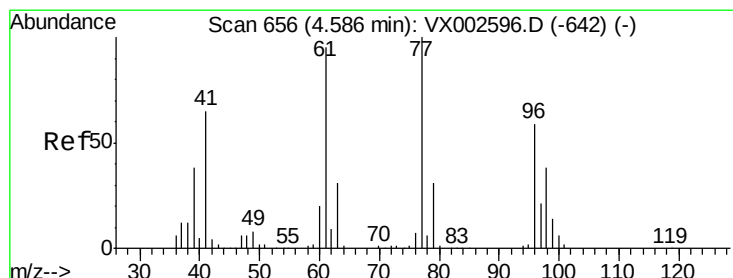
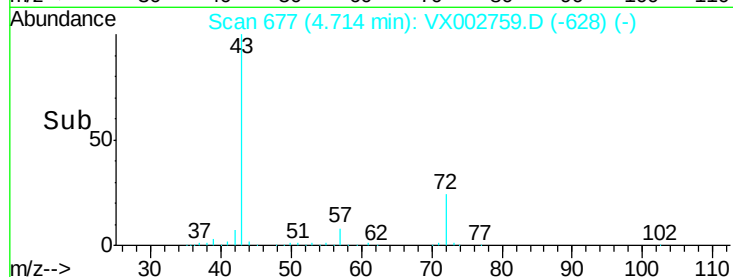
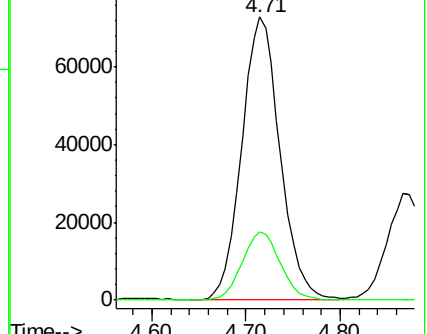
43 100

72 24.1 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: 14.30 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.01 min

Lab File: VX002759.D

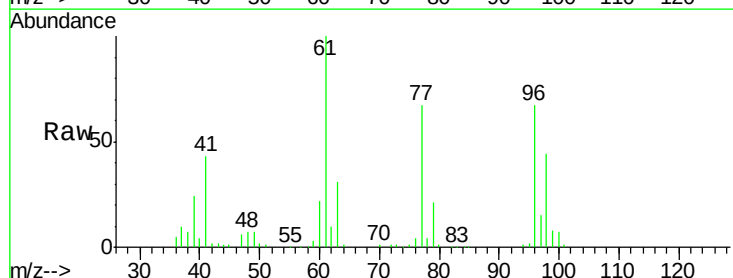
Acq: 20 Jun 2018 23:52

Tgt Ion: 77 Resp: 51882

Ion Ratio Lower Upper

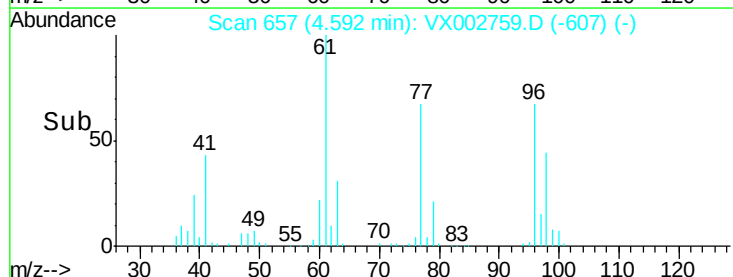
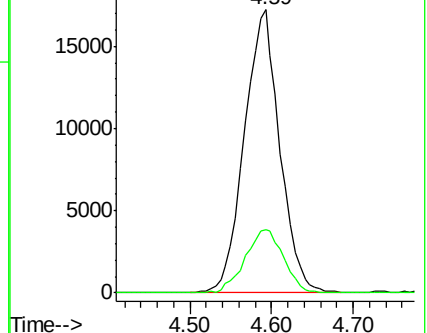
77 100

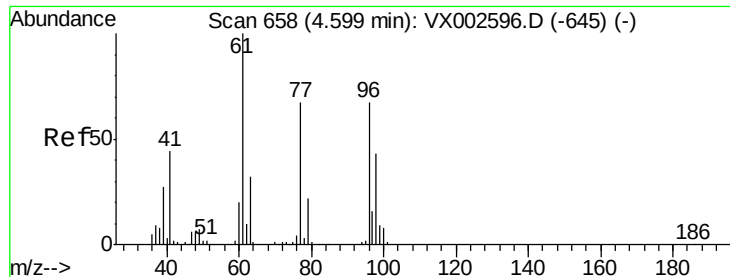
97 24.3 11.2 33.5



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: 19.10 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.01 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :

MSVOA_X

ClientSampled :

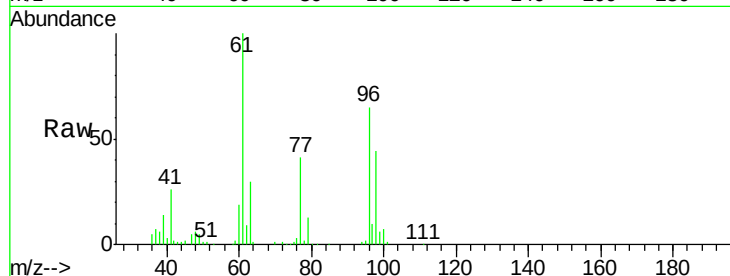
Tot Ion: 96 Resp: 54582

Ion Ratio Lower Upper

96 100

61 166.6 0.0 330.2

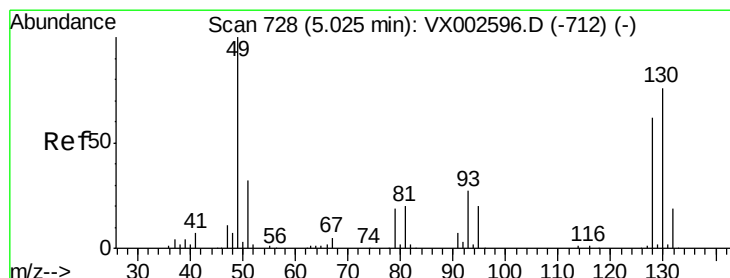
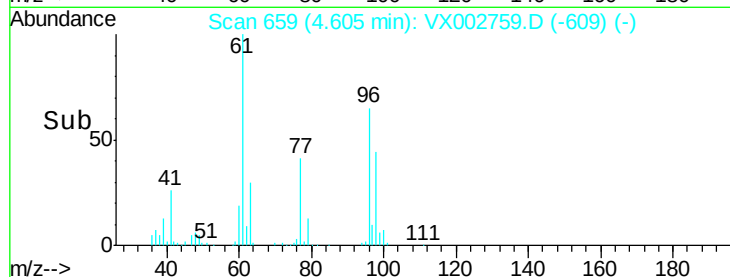
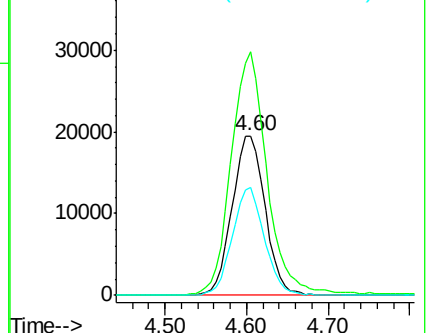
98 65.5 0.0 130.2



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: 18.09 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

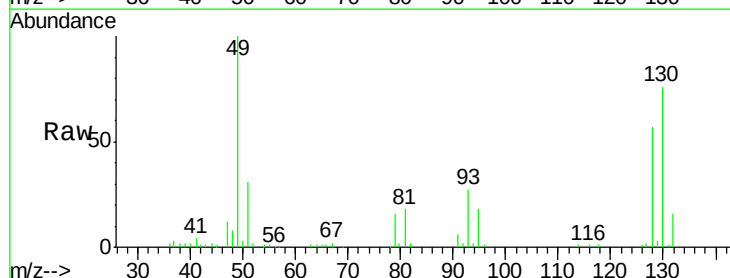
Tgt Ion: 49 Resp: 42760

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.2

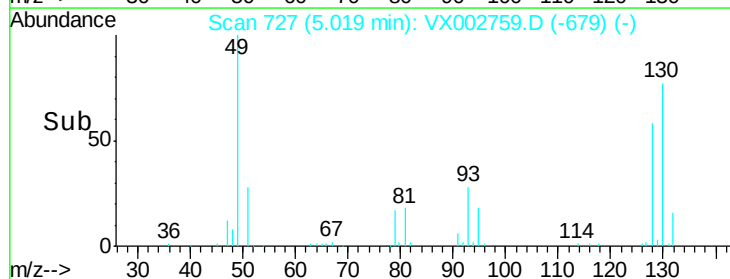
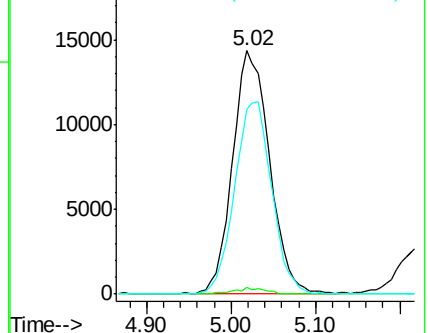
130 79.0 61.2 91.8

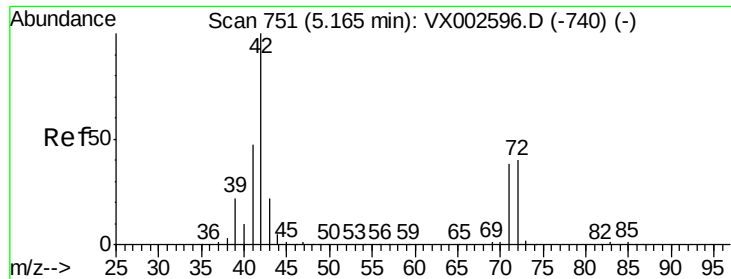


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V

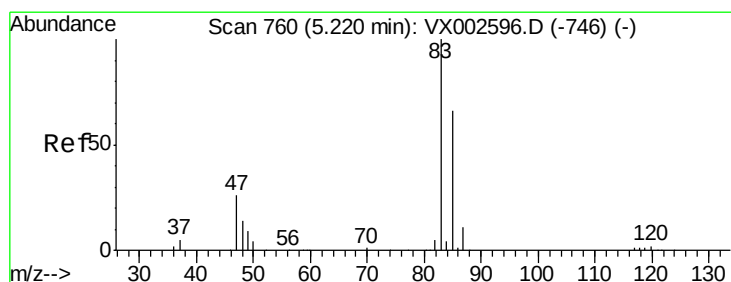
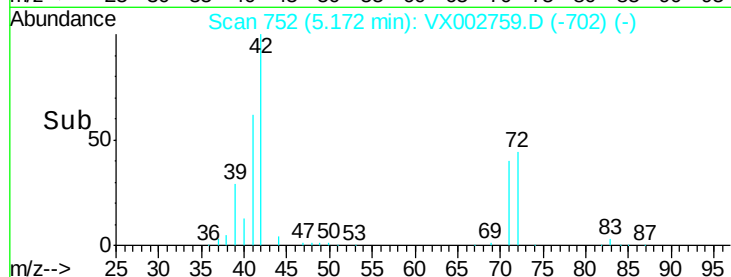
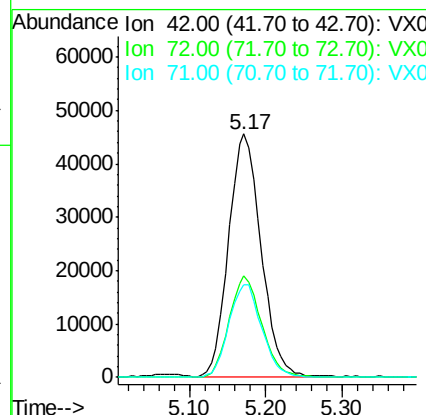
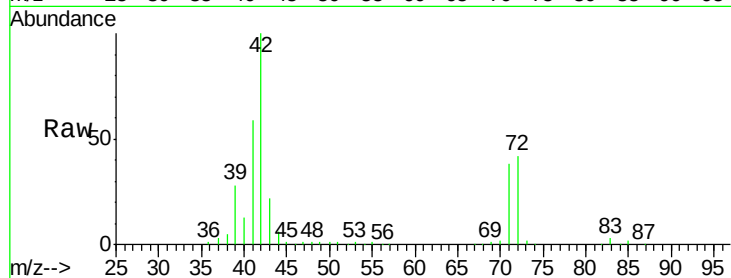




#29
Tetrahydrofuran
Concen: 99.32 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.01 min
Lab File: VX002759.D
Acq: 20 Jun 2018 23:52

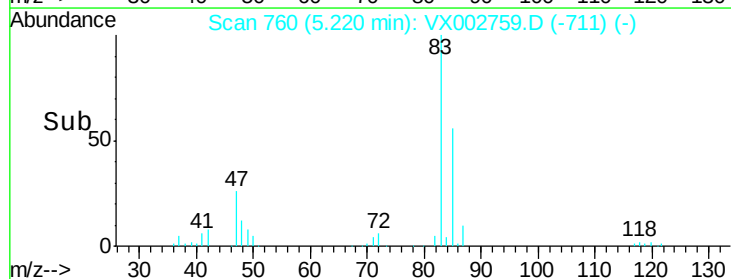
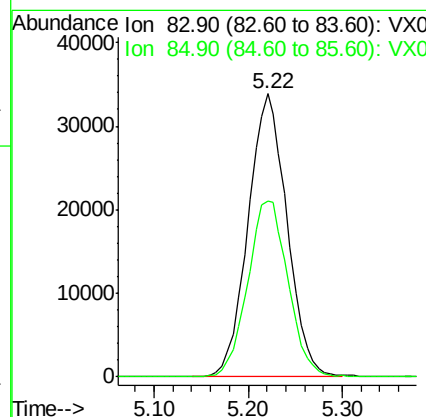
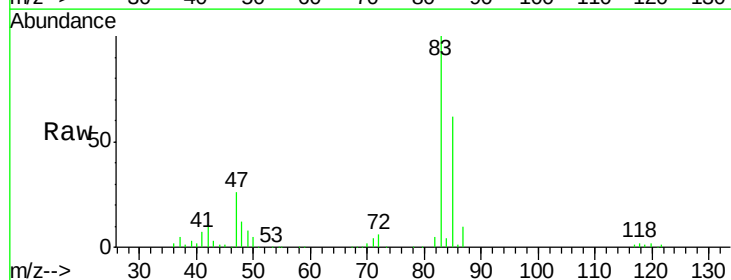
Instrument :
MSVOA_X
ClientSampled :

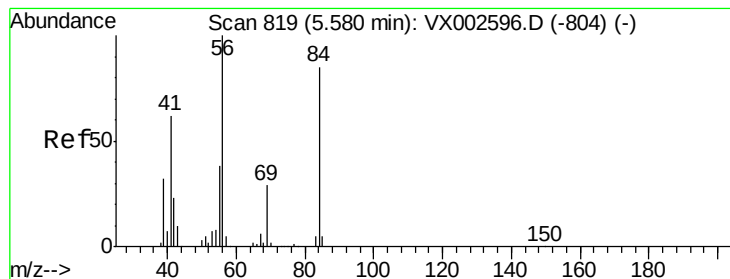
Tot Ion: 42 Resp: 132793
Ion Ratio Lower Upper
42 100
72 42.2 32.0 48.0
71 39.1 30.1 45.1



#30
Chloroform
Concen: 20.09 ug/l
RT: 5.22 min Scan# 760
Delta R.T. 0.00 min
Lab File: VX002759.D
Acq: 20 Jun 2018 23:52

Tgt Ion: 83 Resp: 97794
Ion Ratio Lower Upper
83 100
85 62.2 50.4 75.6





#31

Cyclohexane

Concen: 19.36 ug/l

RT: 5.57 min Scan# 818

Delta R.T. -0.01 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :
MSVOA_X
ClientSampleId :

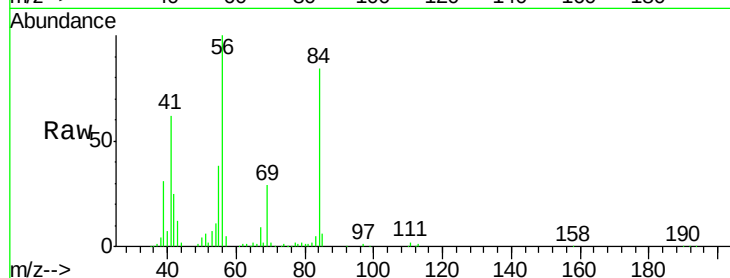
Tot Ion: 56 Resp: 80464

Ion Ratio Lower Upper

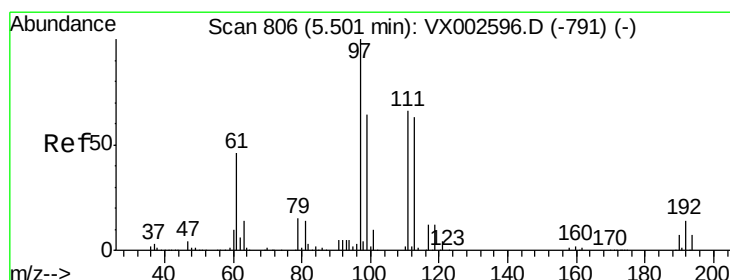
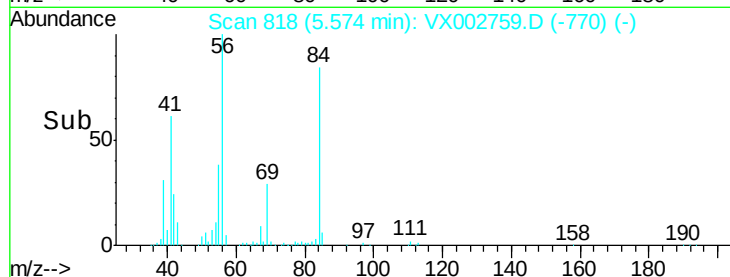
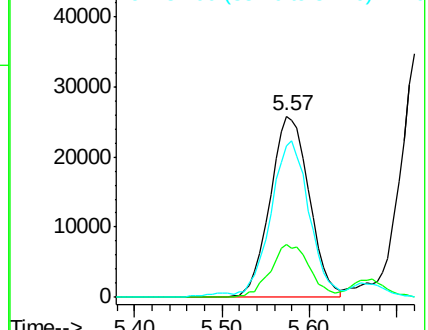
56 100

69 29.1 23.7 35.5

84 83.0 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: 20.93 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

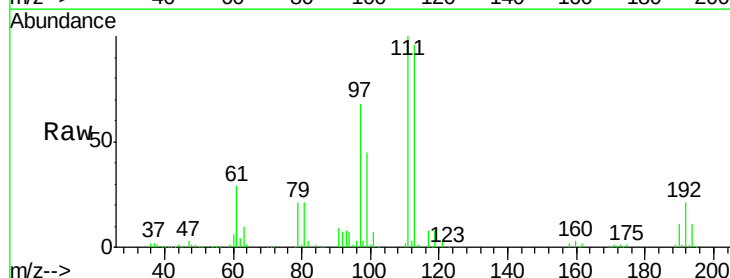
Tgt Ion: 97 Resp: 85216

Ion Ratio Lower Upper

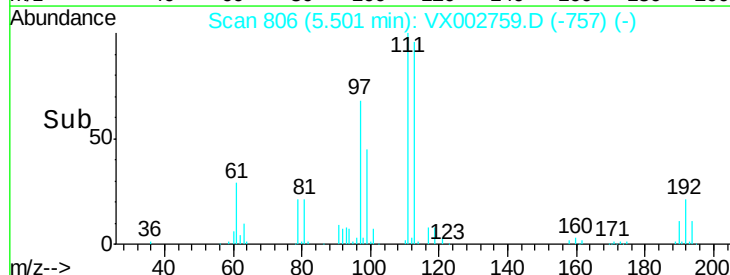
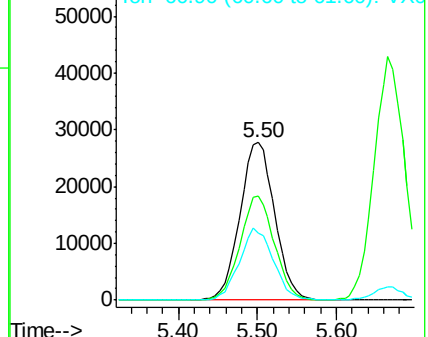
97 100

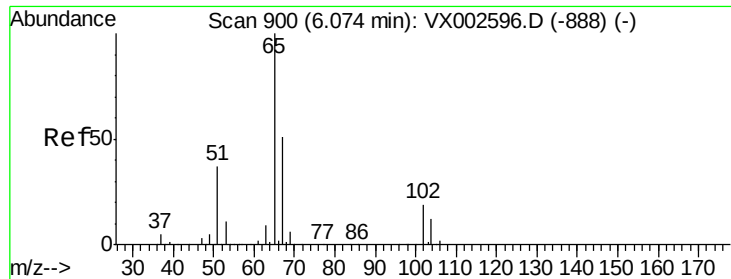
99 65.2 51.6 77.4

61 44.6 36.4 54.6



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

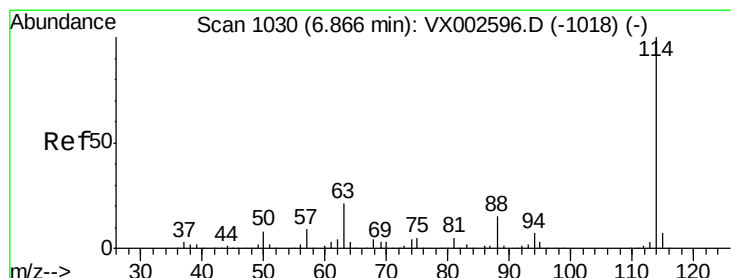
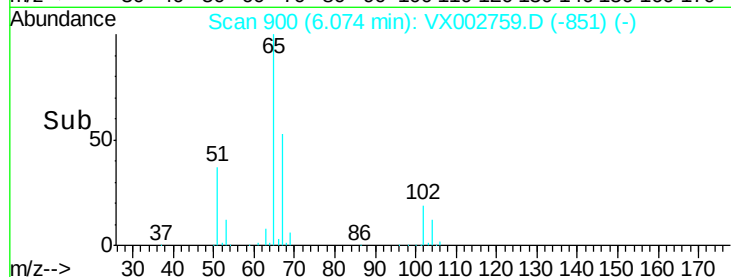
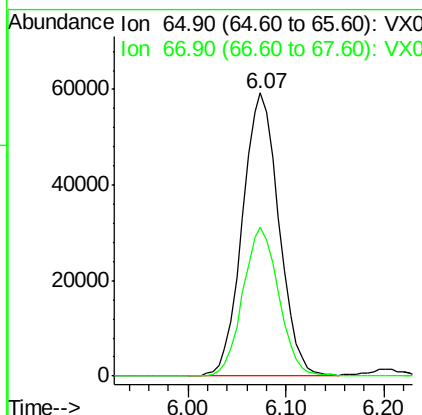
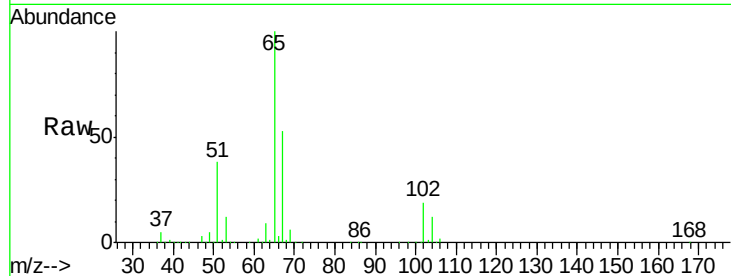




#33
 1,2-Dichloroethane-d4
 Concen: 43.63 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX002759.D
 Acq: 20 Jun 2018 23:52

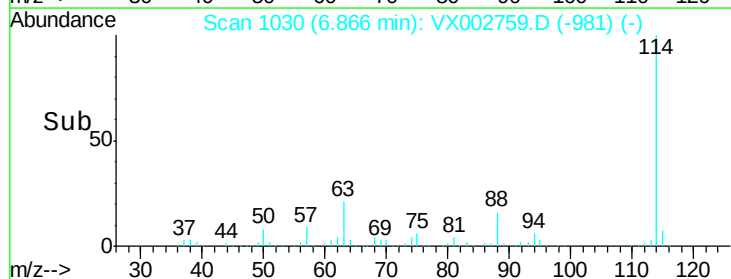
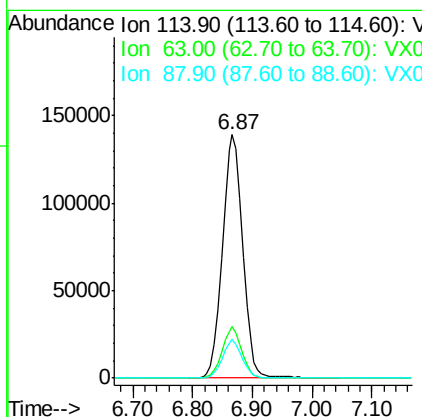
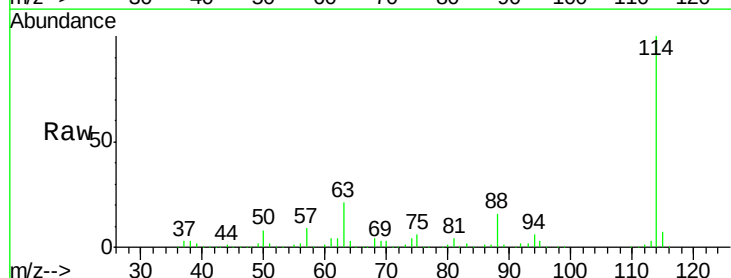
Instrument :
 MSVOA_X
 ClientSampleId :

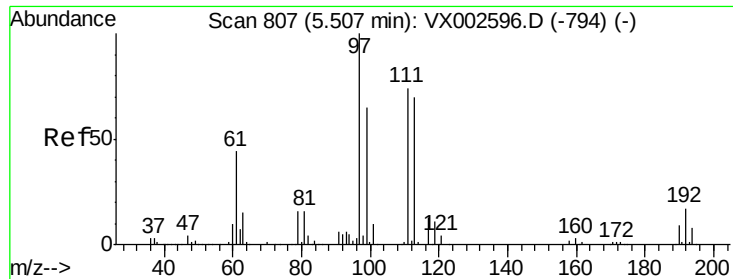
Tot Ion: 65 Resp: 153624
 Ion Ratio Lower Upper
 65 100
 67 52.0 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX002759.D
 Acq: 20 Jun 2018 23:52

Tgt Ion: 114 Resp: 329976
 Ion Ratio Lower Upper
 114 100
 63 21.4 0.0 41.4
 88 15.7 0.0 30.0





#35

Dibromofluoromethane

Concen: 47.23 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :

MSVOA_X

ClientSampled :

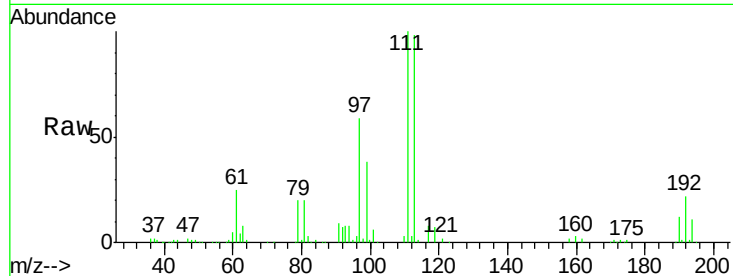
Tot Ion:113 Resp: 124375

Ion Ratio Lower Upper

113 100

111 101.4 81.4 122.0

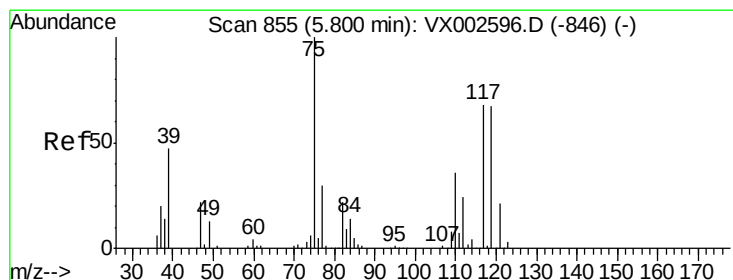
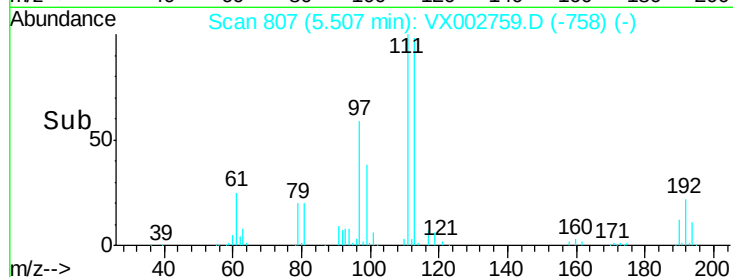
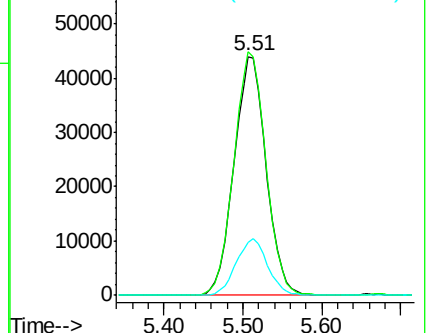
192 23.3 19.1 28.7



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 19.51 ug/l

RT: 5.81 min Scan# 855

Delta R.T. 0.01 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

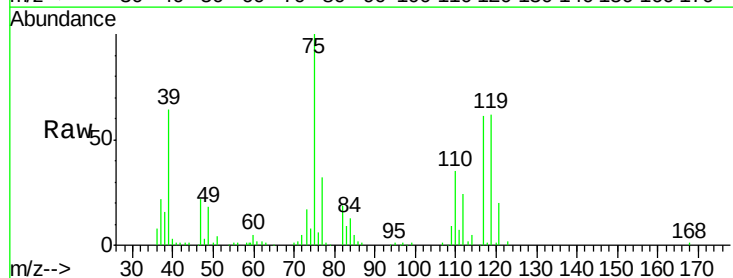
Tgt Ion: 75 Resp: 68381

Ion Ratio Lower Upper

75 100

110 36.8 18.1 54.4

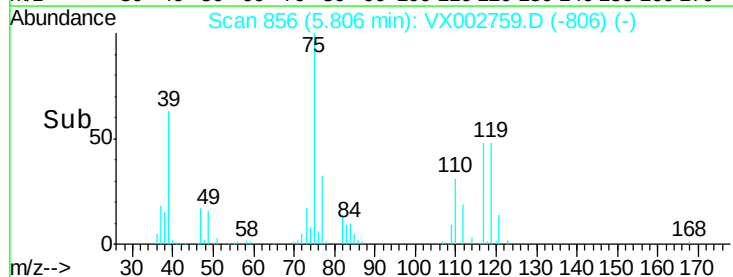
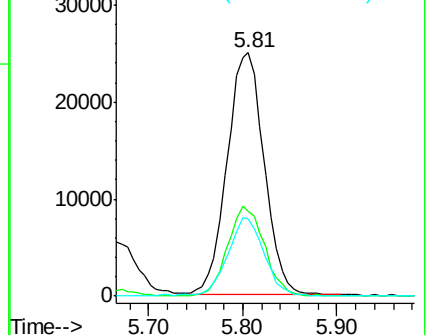
77 32.0 24.3 36.5

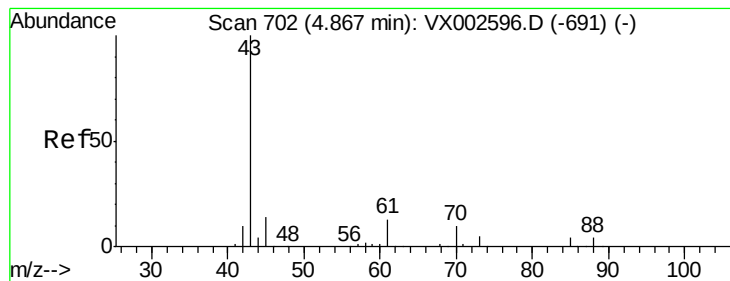


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 20.08 ug/l

RT: 4.87 min Scan# 702

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

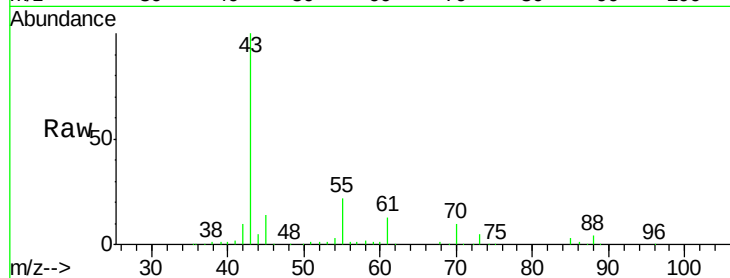
Tot Ion: 43 Resp: 79667

Ion Ratio Lower Upper

43 100

61 13.9 10.4 15.6

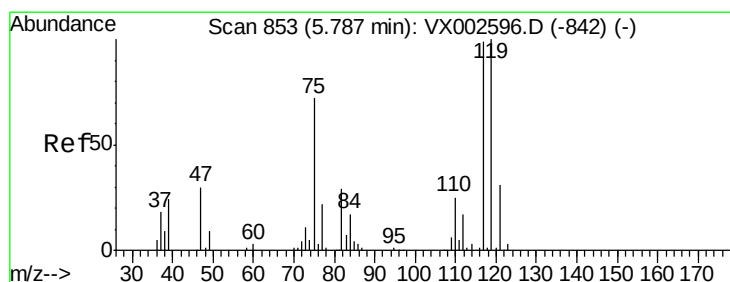
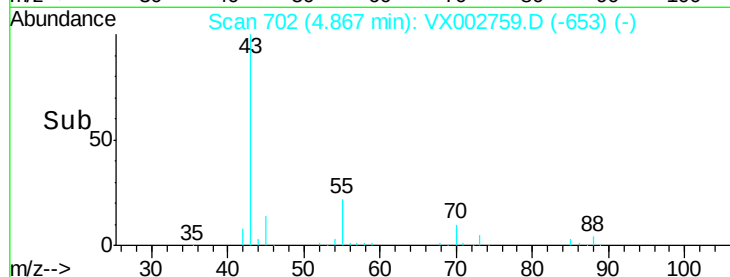
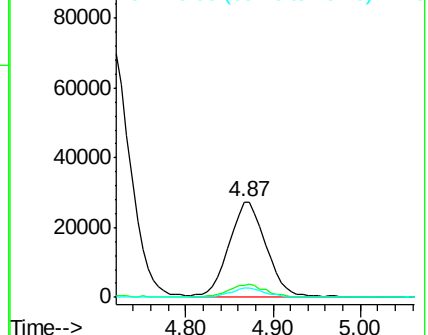
70 9.6 7.6 11.4



Abundance Ion 43.00 (42.70 to 43.70): VX002759.D (-691) (-)

Ion 60.90 (60.60 to 61.60): VX002759.D (-691) (-)

Ion 70.00 (69.70 to 70.70): VX002759.D (-691) (-)



#38

Carbon Tetrachloride

Concen: 22.23 ug/l

RT: 5.79 min Scan# 853

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

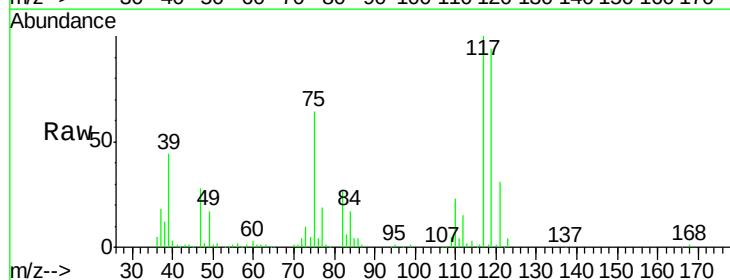
Tgt Ion: 117 Resp: 77576

Ion Ratio Lower Upper

117 100

119 94.0 77.4 116.0

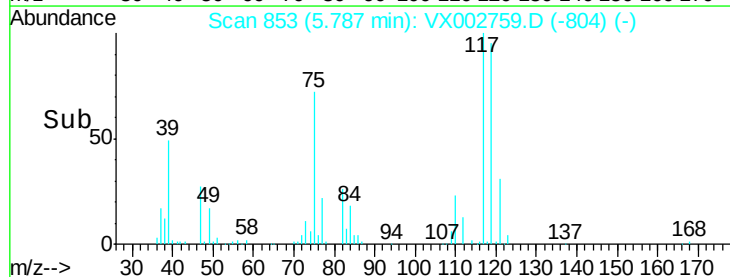
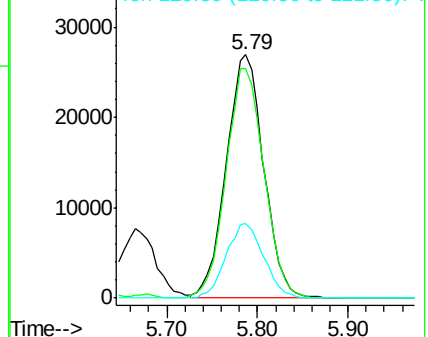
121 30.8 24.4 36.6

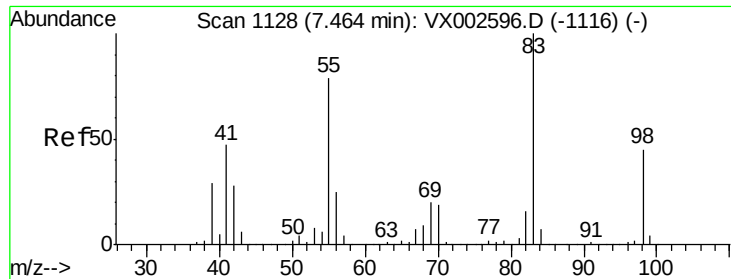


Abundance Ion 116.80 (116.50 to 117.50): VX002759.D (-842) (-)

Ion 118.80 (118.50 to 119.50): VX002759.D (-842) (-)

Ion 120.80 (120.50 to 121.50): VX002759.D (-842) (-)

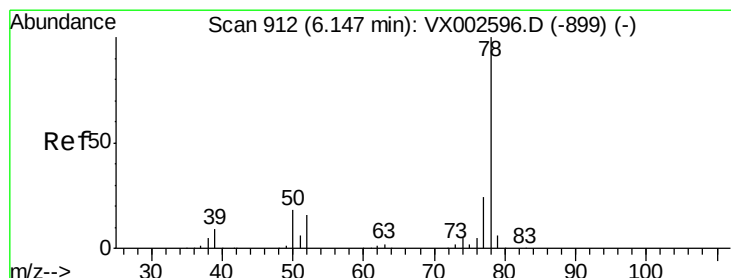
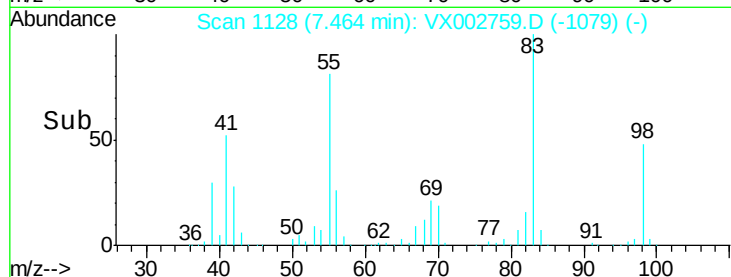
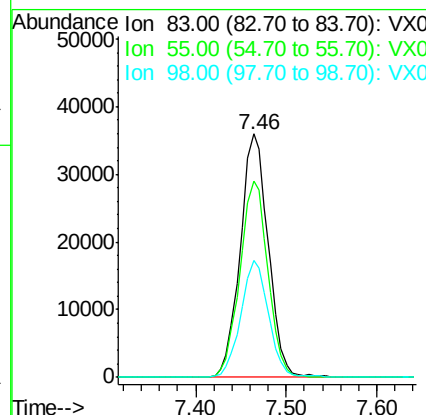
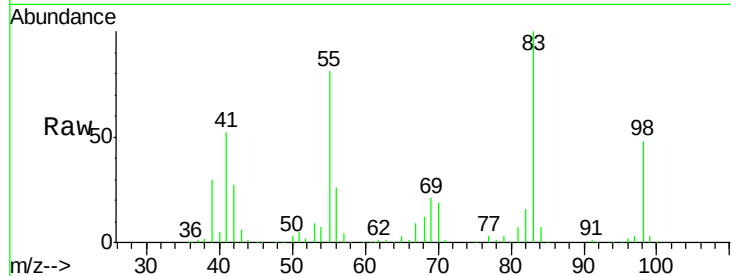




#39
Methylvlcyclohexane
Concen: 18.78 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX002759.D
Acq: 20 Jun 2018 23:52

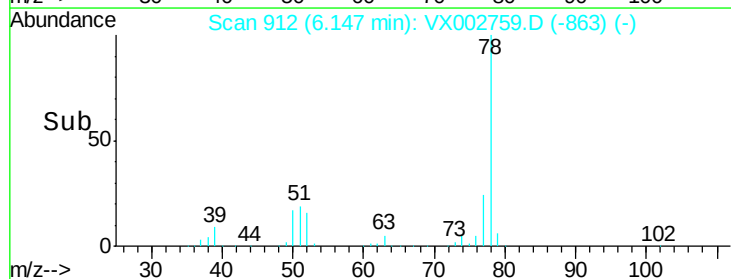
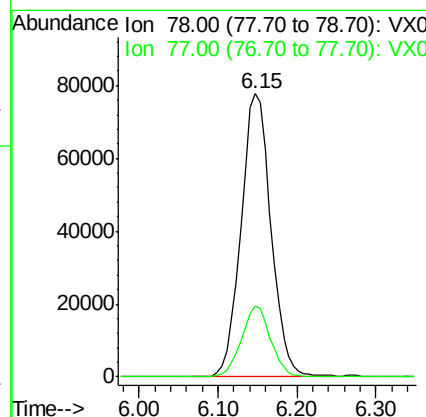
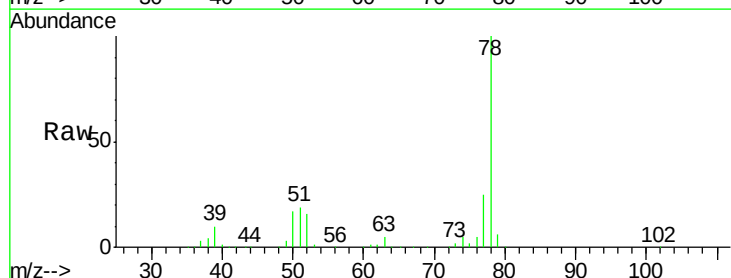
Instrument :
MSVOA_X
ClientSampled :

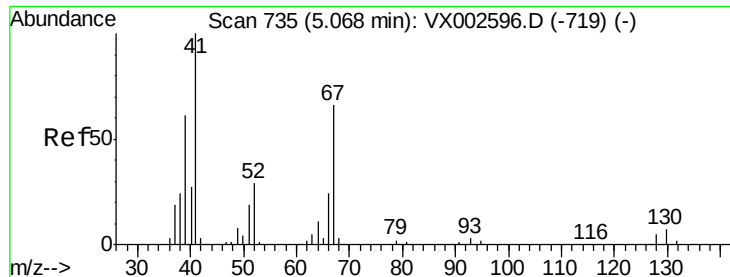
Tot Ion: 83 Resp: 76947
Ion Ratio Lower Upper
83 100
55 80.5 65.4 98.0
98 48.0 37.4 56.0



#40
Benzene
Concen: 19.60 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX002759.D
Acq: 20 Jun 2018 23:52

Tgt Ion: 78 Resp: 205935
Ion Ratio Lower Upper
78 100
77 24.8 19.1 28.7

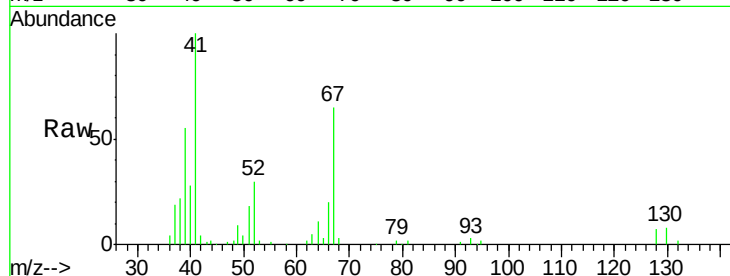




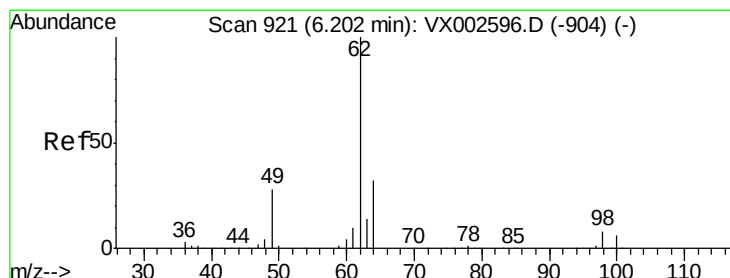
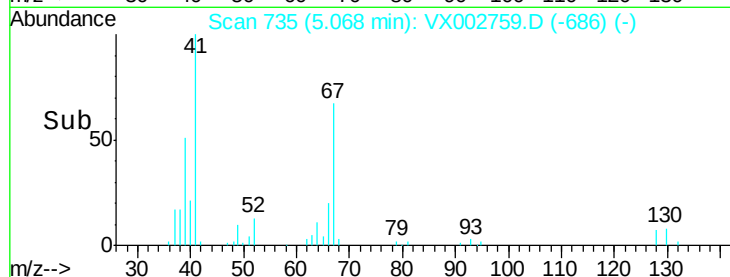
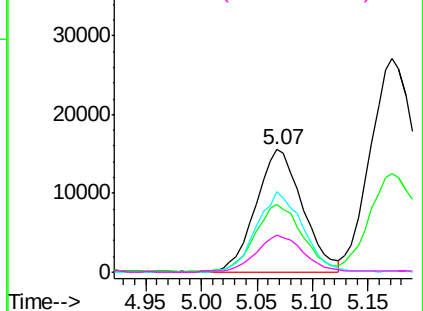
#41
Methacrylonitrile
Concen: 20.29 ug/l
RT: 5.07 min Scan# 735
Delta R.T. 0.00 min
Lab File: VX002759.D
Acq: 20 Jun 2018 23:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:	41	Resp:	45434
Ion	Ratio	Lower	Upper
41	100		
39	55.7	45.8	68.6
67	65.3	51.3	76.9
52	30.6	23.0	34.6

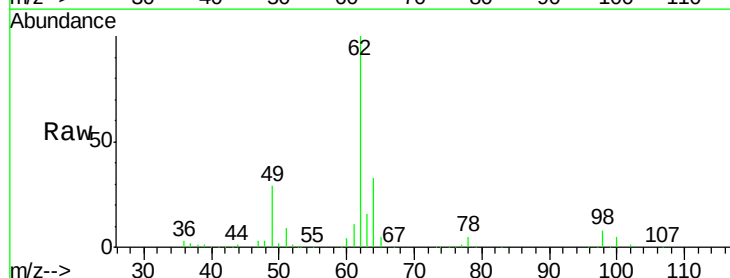


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

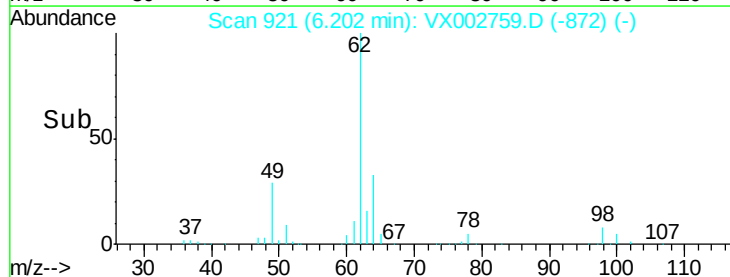
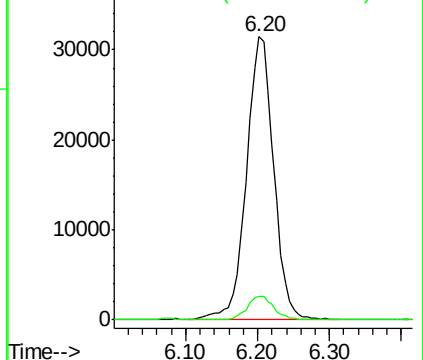


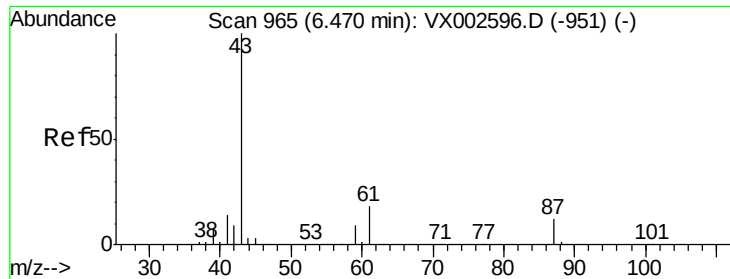
#42
1,2-Dichloroethane
Concen: 20.31 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX002759.D
Acq: 20 Jun 2018 23:52

Tgt Ion:	62	Resp:	82642
Ion	Ratio	Lower	Upper
62	100		
98	8.1	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: 19.43 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

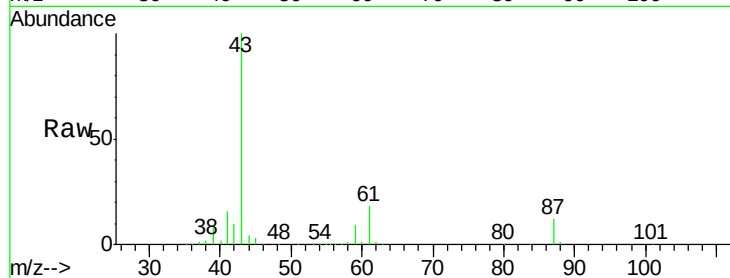
Tot Ion: 43 Resp: 127706

Ion Ratio Lower Upper

43 100

61 18.2 14.4 21.6

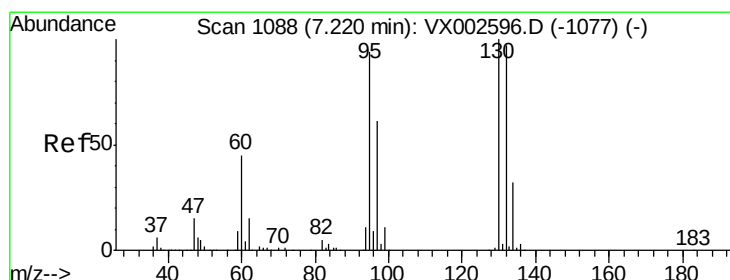
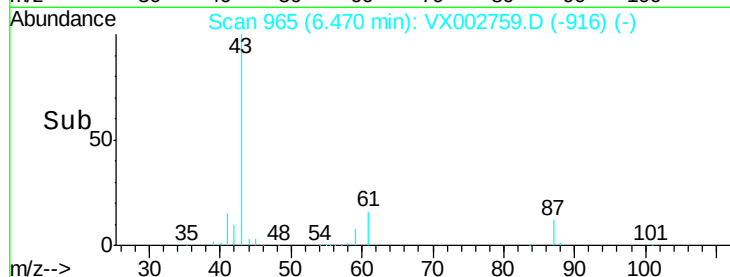
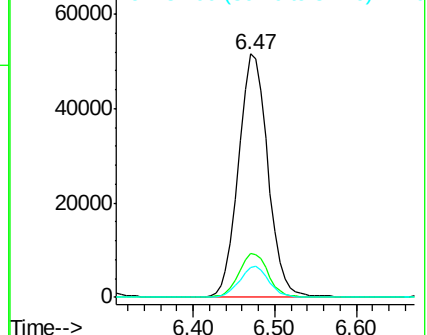
87 12.6 9.5 14.3



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: 19.76 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX002759.D

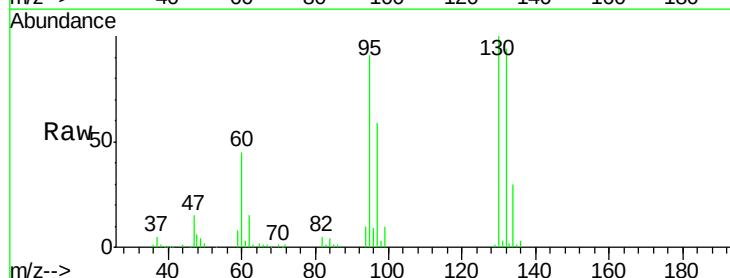
Acq: 20 Jun 2018 23:52

Tgt Ion:130 Resp: 59934

Ion Ratio Lower Upper

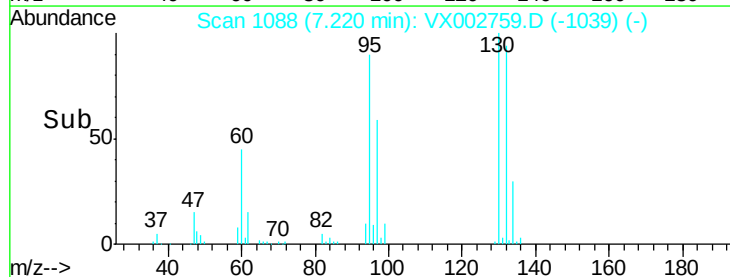
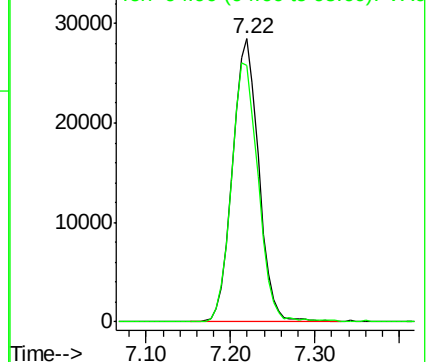
130 100

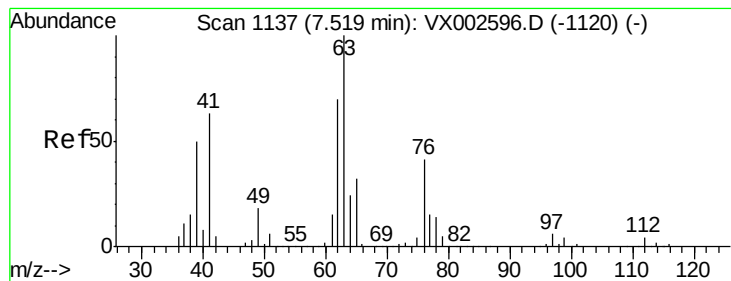
95 90.5 0.0 185.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 20.14 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :

MSVOA_X

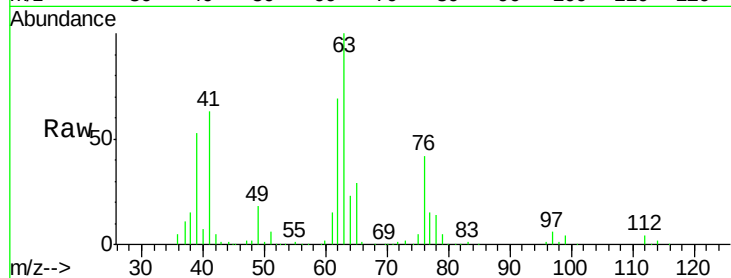
ClientSampled :

Tot Ion: 63 Resp: 55690

Ion Ratio Lower Upper

63 100

65 28.7 24.7 37.1



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0

7.52

30000

25000

20000

15000

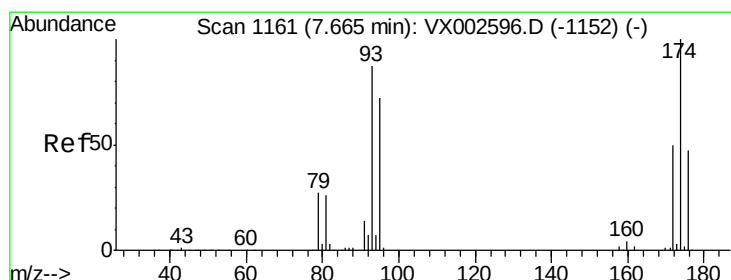
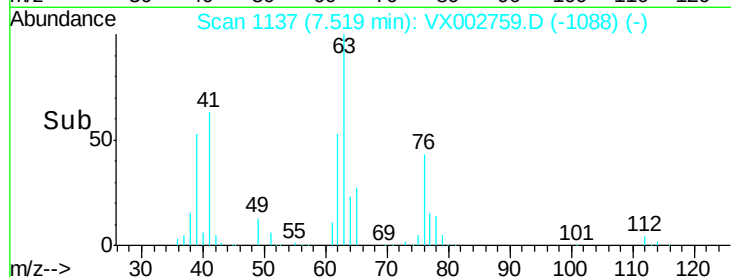
10000

5000

0

Time-->

7.40 7.50 7.60



#46

Dibromomethane

Concen: 20.74 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

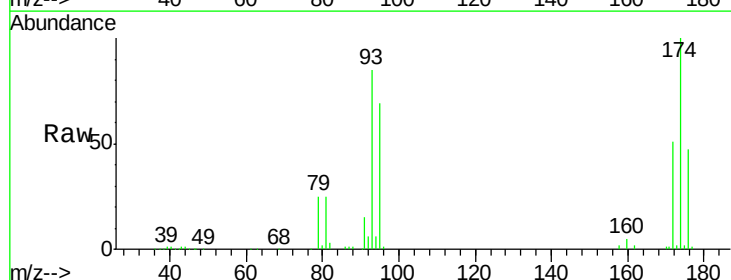
Tgt Ion: 93 Resp: 38367

Ion Ratio Lower Upper

93 100

95 82.4 65.9 98.9

174 118.8 92.4 138.6



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V

7.67

30000

25000

20000

15000

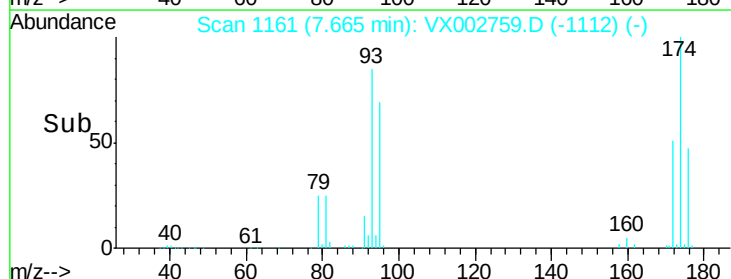
10000

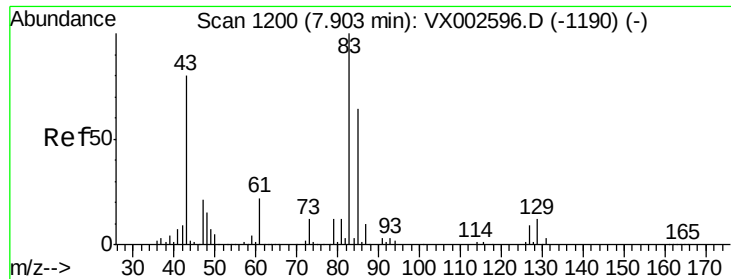
5000

0

Time-->

7.55 7.60 7.65 7.70 7.75





#47

Bromodichloromethane

Concen: 21.66 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :
MSVOA_X
ClientSampled :

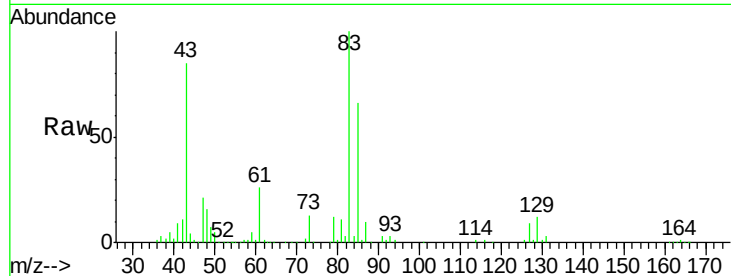
Tot Ion: 83 Resp: 70670

Ion Ratio Lower Upper

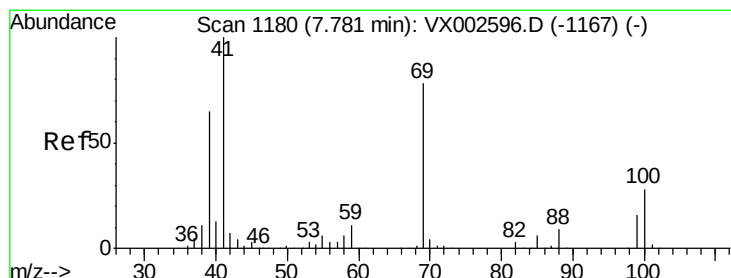
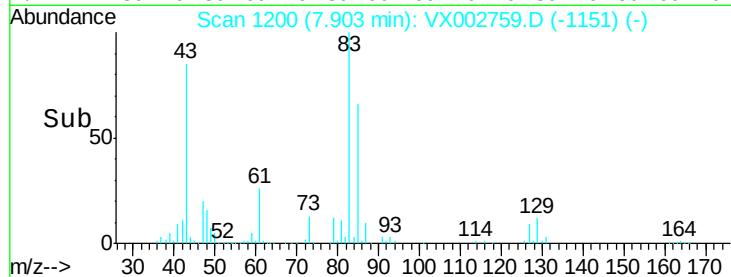
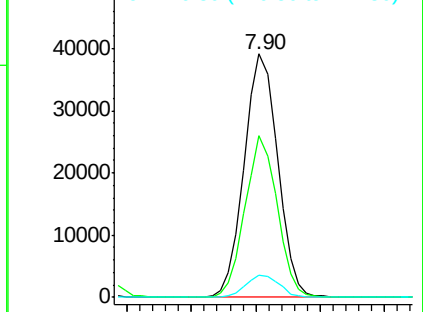
83 100

85 66.4 50.3 75.5

127 8.9 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: 19.97 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

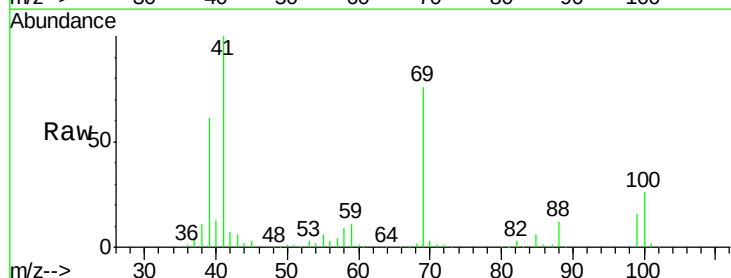
Tgt Ion: 41 Resp: 67054

Ion Ratio Lower Upper

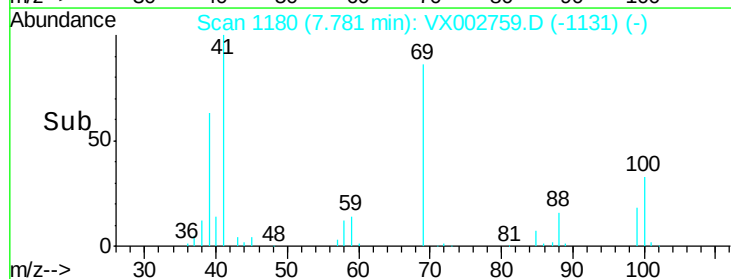
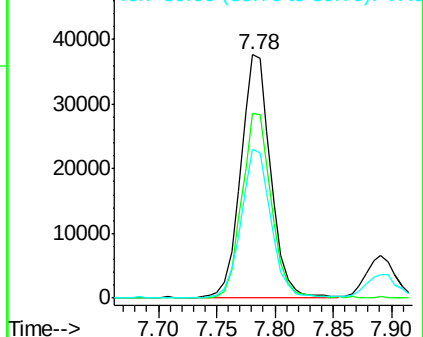
41 100

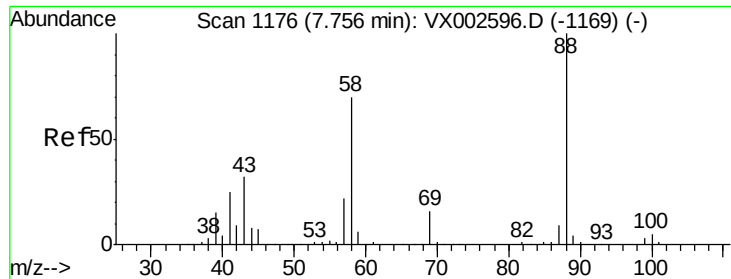
69 75.4 59.1 88.7

39 60.9 48.9 73.3



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





#49

1,4-Dioxane

Concen: 421.71 ug/l

RT: 7.76 min Scan# 1177

Delta R.T. 0.01 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :
MSVOA_X
ClientSampleId :

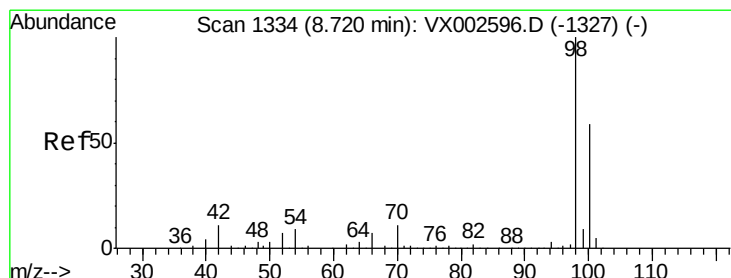
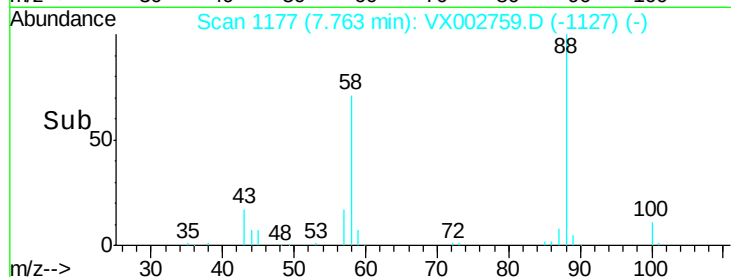
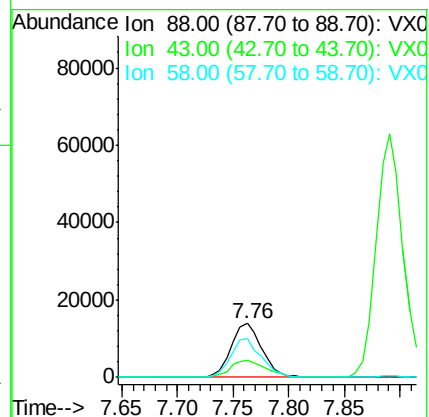
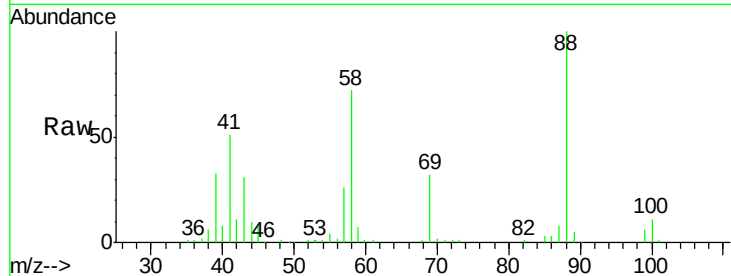
Tot Ion: 88 Resp: 26821

Ion Ratio Lower Upper

88 100

43 34.7 29.8 44.6

58 72.9 57.1 85.7



#50

Toluene-d8

Concen: 44.19 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX002759.D

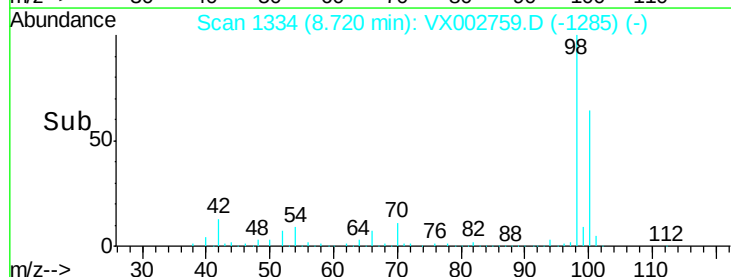
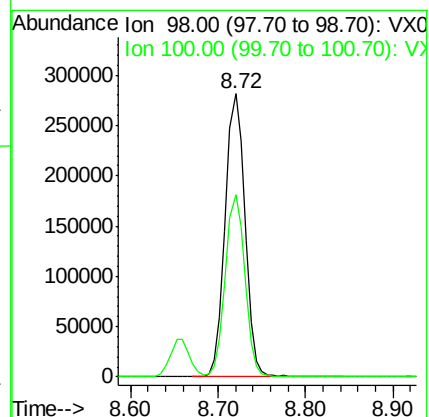
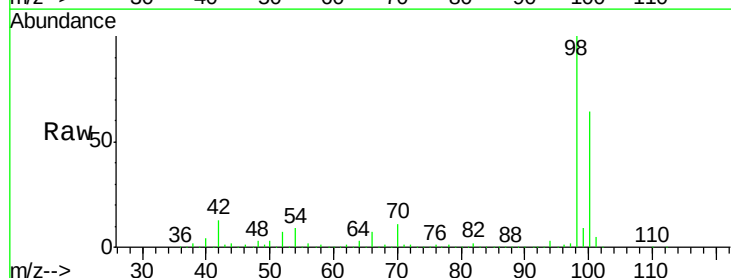
Acq: 20 Jun 2018 23:52

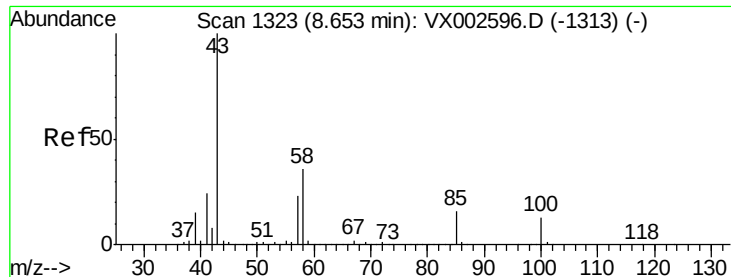
Tgt Ion: 98 Resp: 441916

Ion Ratio Lower Upper

98 100

100 63.7 50.9 76.3





#51

4-Methyl-2-Pentanone

Concen: 100.35 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

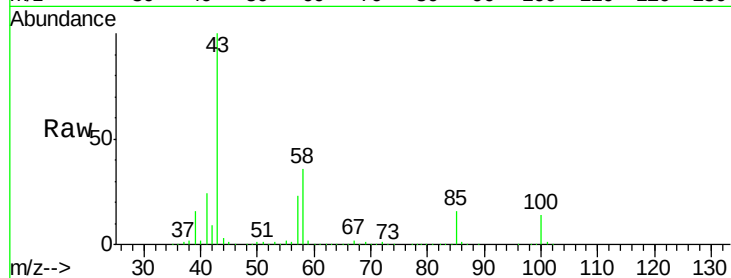
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion: 43 Resp: 423436

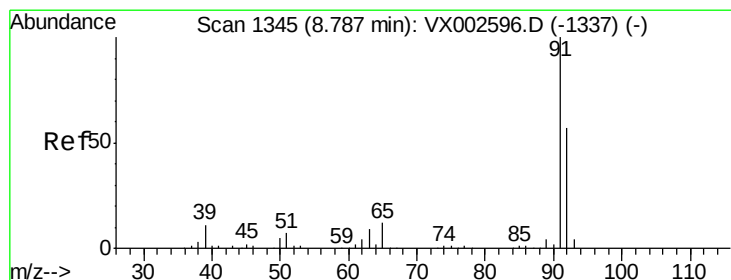
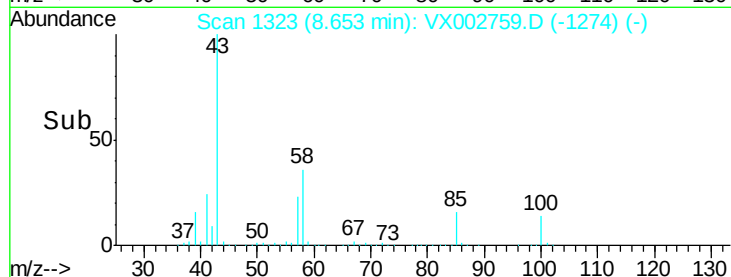
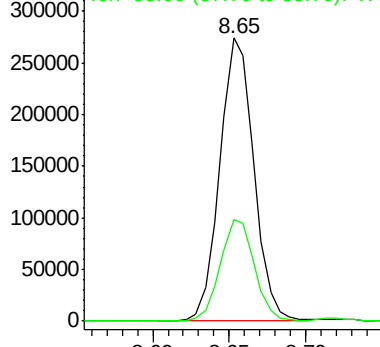
Ion Ratio Lower Upper

43 100

58 36.2 28.6 42.8



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



#52

Toluene

Concen: 19.59 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. 0.00 min

Lab File: VX002759.D

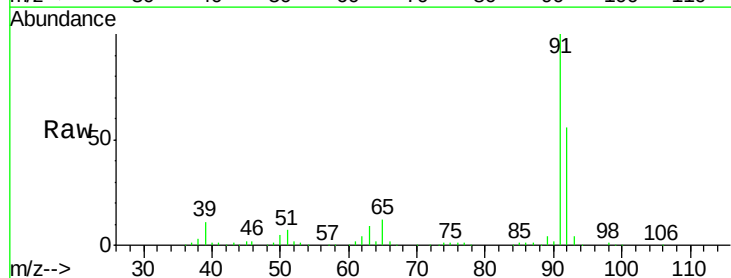
Acq: 20 Jun 2018 23:52

Tgt Ion: 92 Resp: 131339

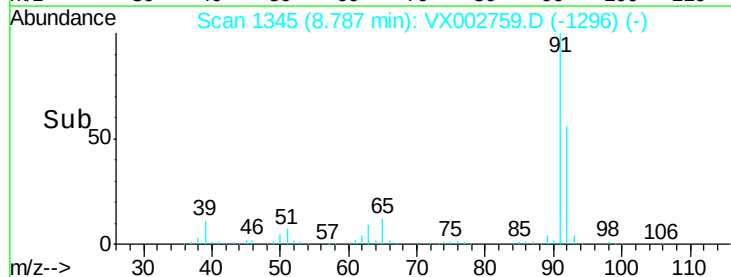
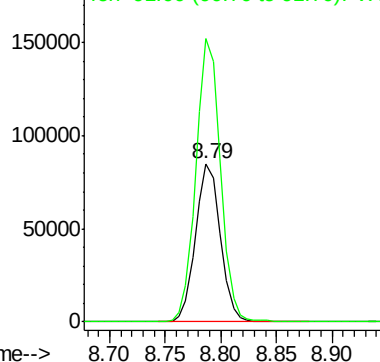
Ion Ratio Lower Upper

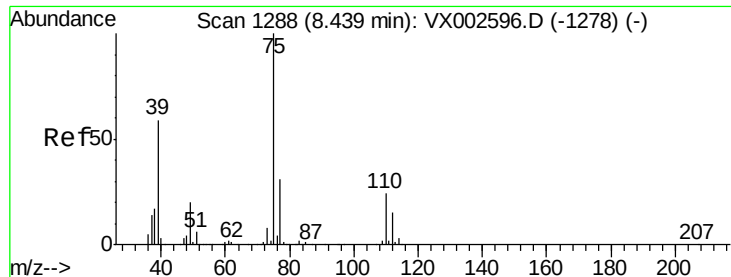
92 100

91 177.5 140.4 210.6



Abundance Ion 92.00 (91.70 to 92.70): VX0
Ion 91.00 (90.70 to 91.70): VX0

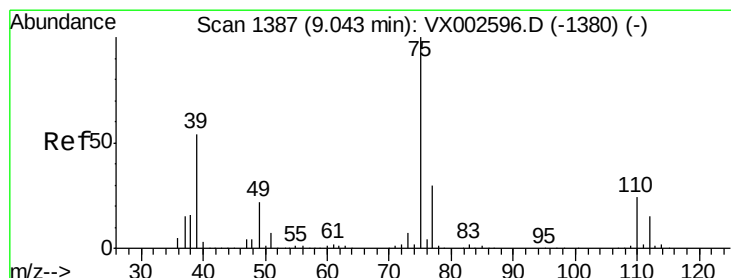
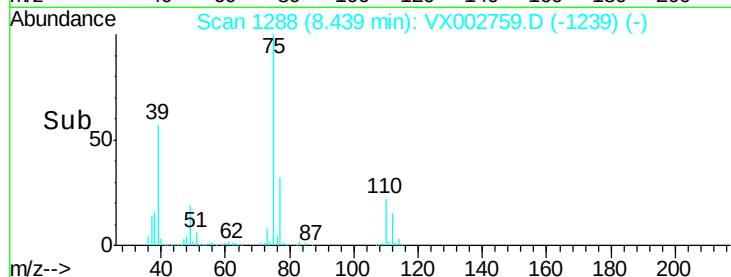
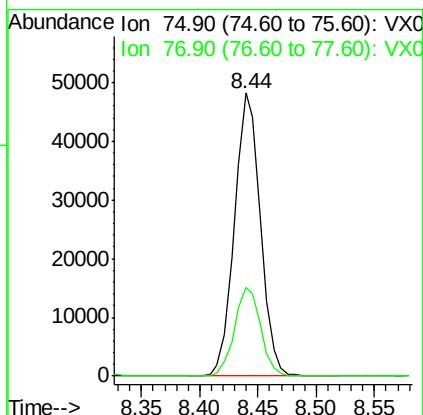
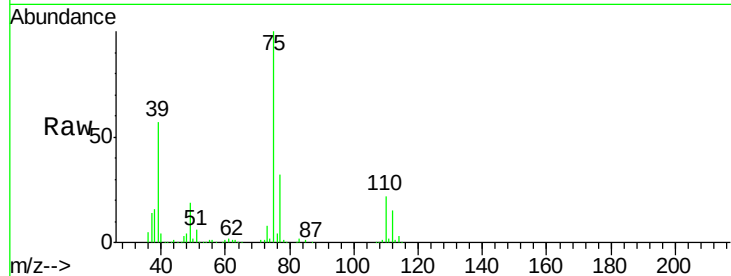




#53
 t-1,3-Dichloropropene
 Concen: 18.91 ug/l
 RT: 8.44 min Scan# 1288
 Delta R.T. 0.00 min
 Lab File: VX002759.D
 Acq: 20 Jun 2018 23:52

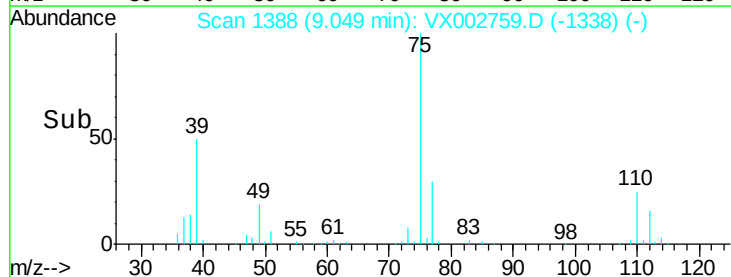
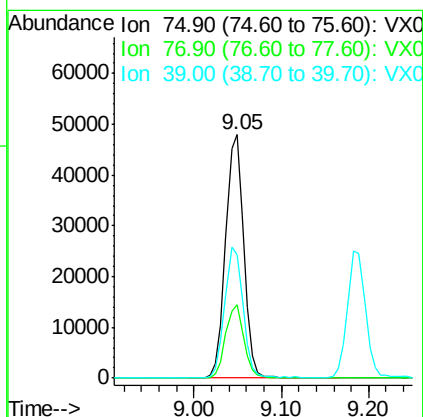
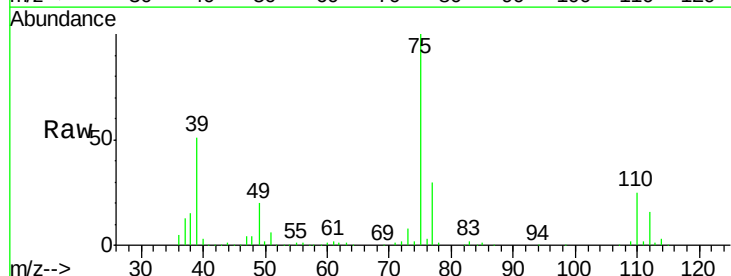
Instrument :
 MSVOA_X
 ClientSampled :

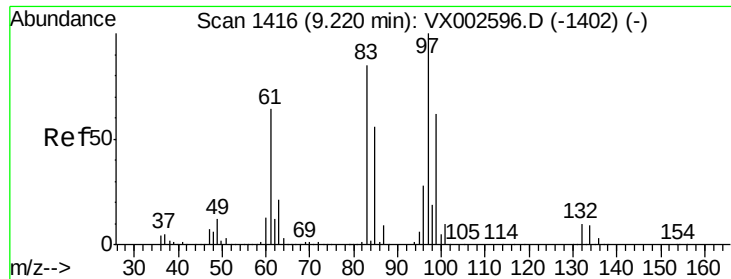
Tot Ion: 75 Resp: 74935
 Ion Ratio Lower Upper
 75 100
 77 31.5 25.4 38.2



#54
 cis-1,3-Dichloropropene
 Concen: 18.86 ug/l
 RT: 9.05 min Scan# 1388
 Delta R.T. 0.01 min
 Lab File: VX002759.D
 Acq: 20 Jun 2018 23:52

Tgt Ion: 75 Resp: 68915
 Ion Ratio Lower Upper
 75 100
 77 30.4 24.8 37.2
 39 50.3 42.4 63.6



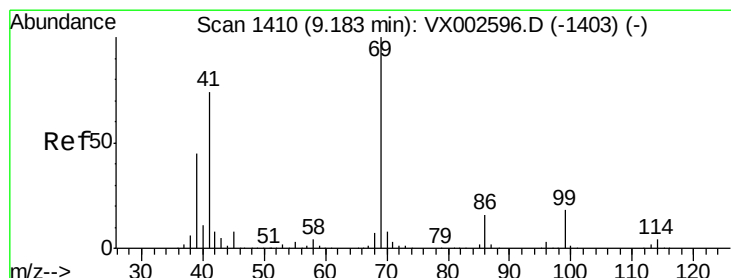
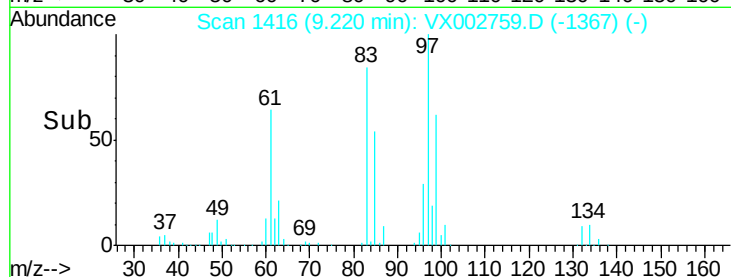
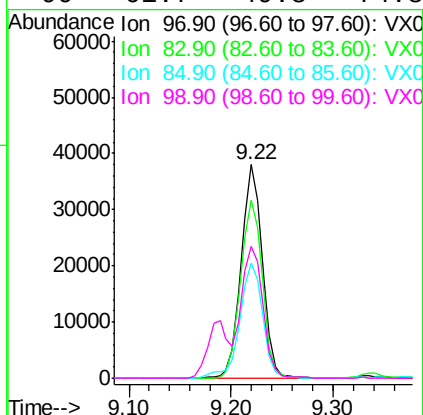
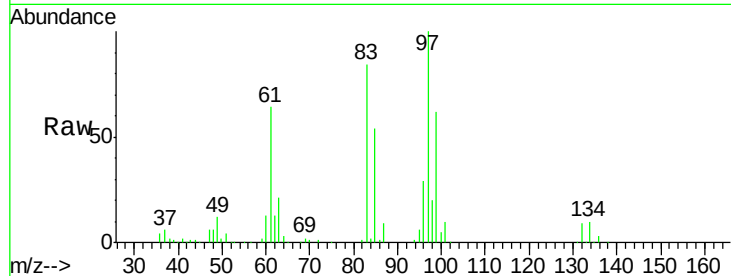


#55
 1,1,2-Trichloroethane
 Concen: 20.18 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX002759.D
 Acq: 20 Jun 2018 23:52

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion: 97 Resp: 54654

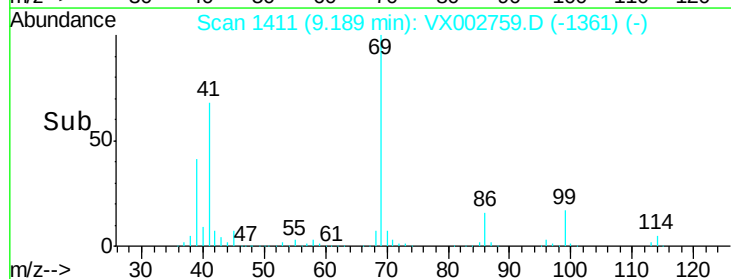
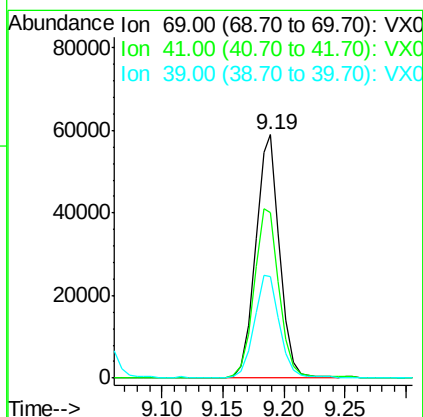
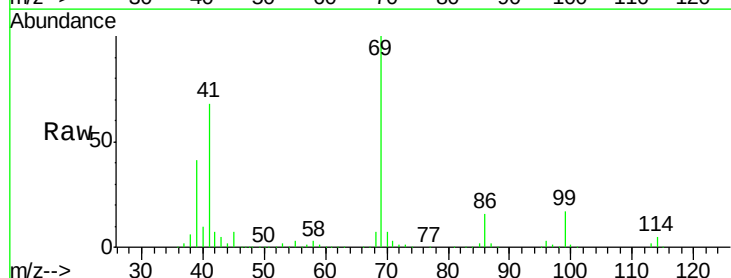
Ion	Ratio	Lower	Upper
97	100		
83	83.5	70.2	105.2
85	54.0	44.9	67.3
99	61.7	49.8	74.8

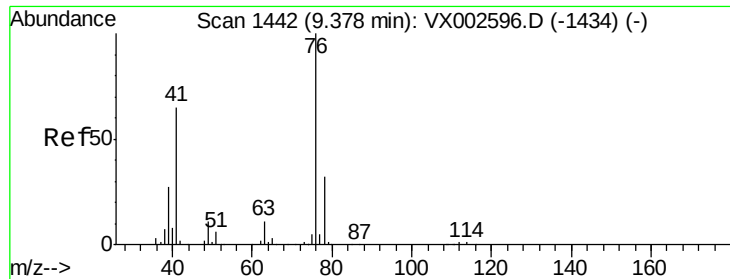


#56
 Ethyl methacrylate
 Concen: 19.29 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.01 min
 Lab File: VX002759.D
 Acq: 20 Jun 2018 23:52

Tgt Ion: 69 Resp: 80415

Ion	Ratio	Lower	Upper
69	100		
41	73.1	60.3	90.5
39	44.1	35.8	53.8

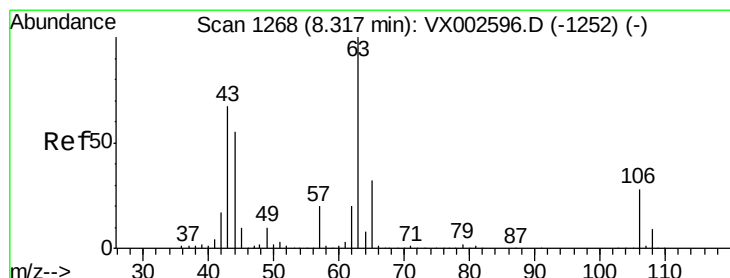
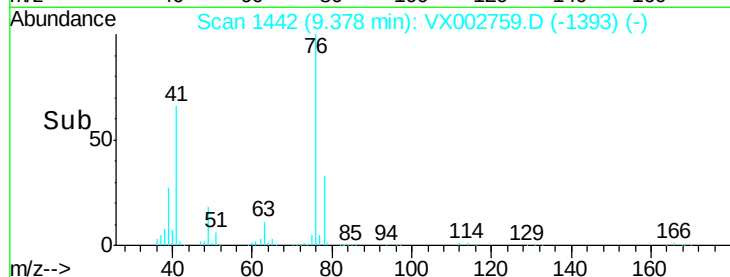
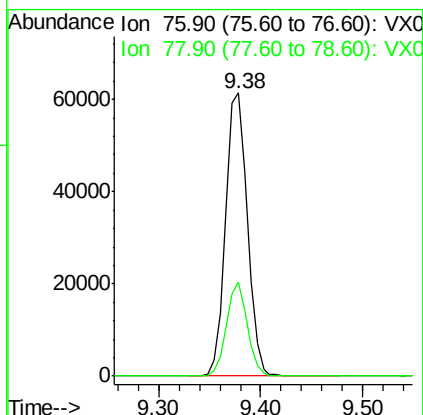
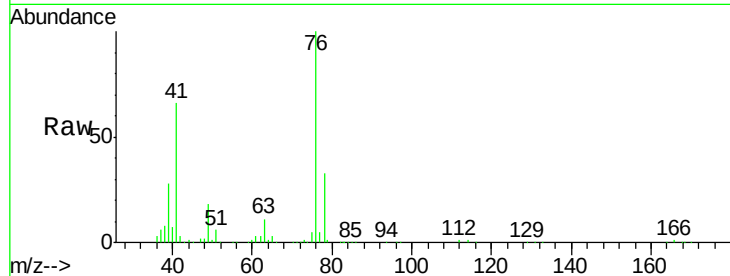




#57
 1,3-Dichloropropane
 Concen: 19.79 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX002759.D
 Acq: 20 Jun 2018 23:52

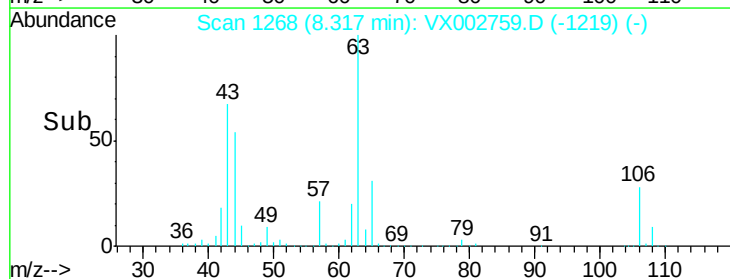
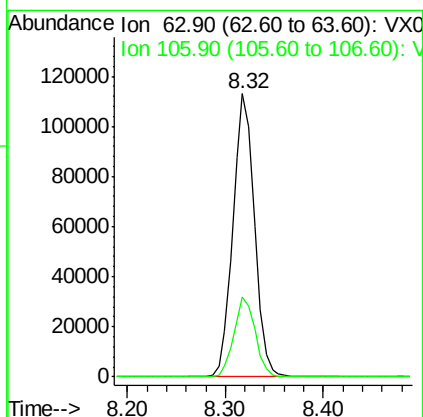
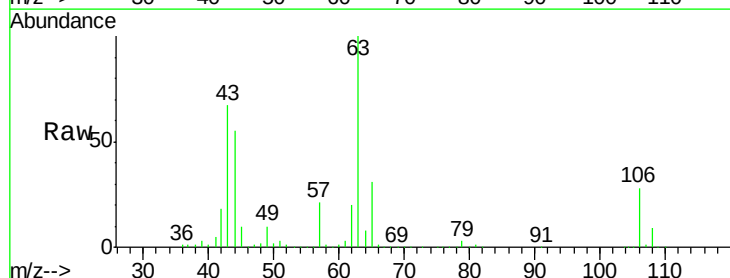
Instrument :
 MSVOA_X
 ClientSampleId :

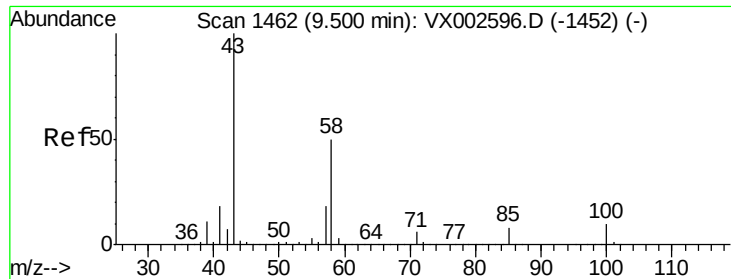
Tot Ion: 76 Resp: 90646
 Ion Ratio Lower Upper
 76 100
 78 31.7 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 85.54 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. 0.00 min
 Lab File: VX002759.D
 Acq: 20 Jun 2018 23:52

Tgt Ion: 63 Resp: 172450
 Ion Ratio Lower Upper
 63 100
 106 28.0 21.8 32.8

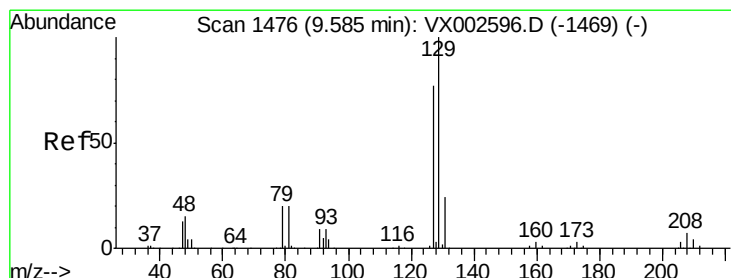
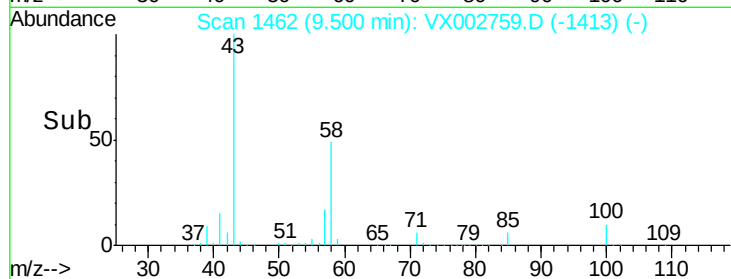
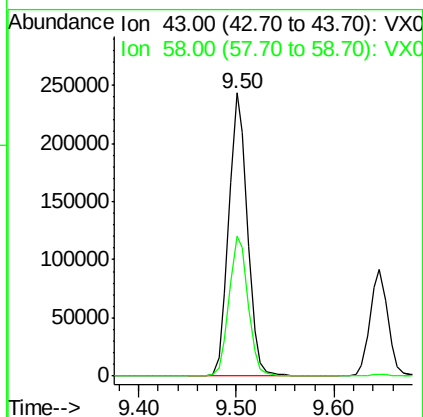
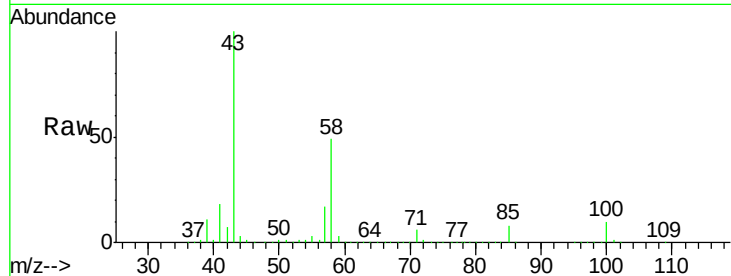




#59
2-Hexanone
Concen: 101.41 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. 0.00 min
Lab File: VX002759.D
Acq: 20 Jun 2018 23:52

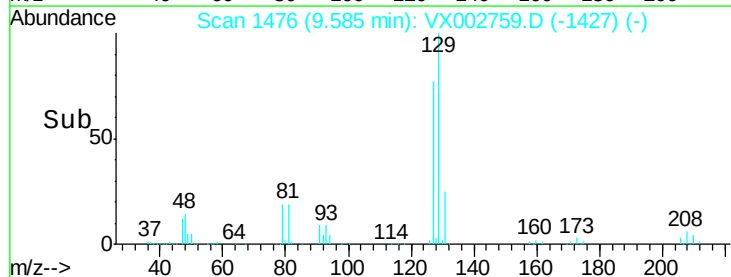
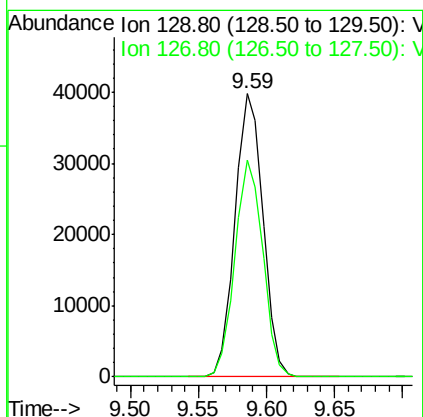
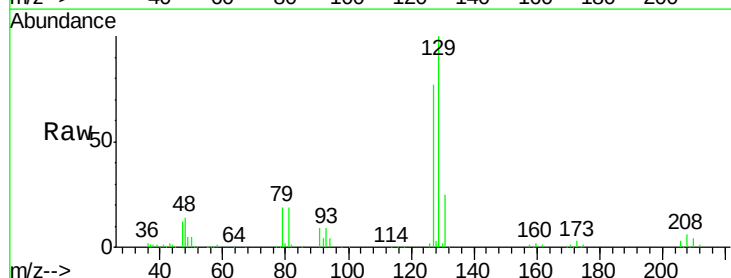
Instrument :
MSVOA_X
ClientSampleId :

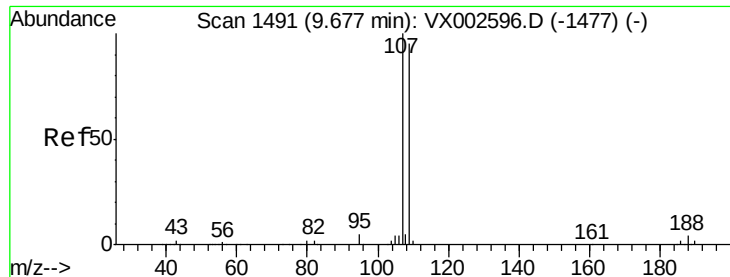
Tot Ion: 43 Resp: 322465
Ion Ratio Lower Upper
43 100
58 50.6 24.6 73.6



#60
Dibromochloromethane
Concen: 21.07 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. 0.00 min
Lab File: VX002759.D
Acq: 20 Jun 2018 23:52

Tgt Ion: 129 Resp: 57033
Ion Ratio Lower Upper
129 100
127 76.3 38.5 115.3





#61

1,2-Dibromoethane

Concen: 20.52 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :

MSVOA_X

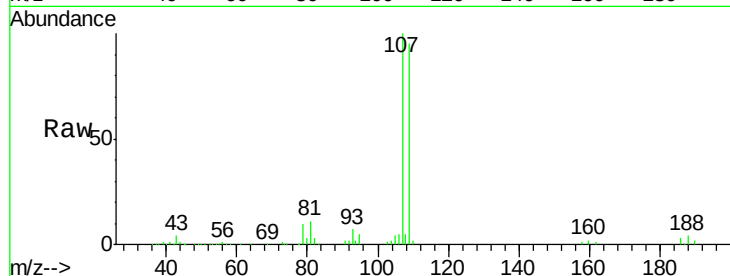
ClientSampleId :

Tot Ion:107 Resp: 57553

Ion Ratio Lower Upper

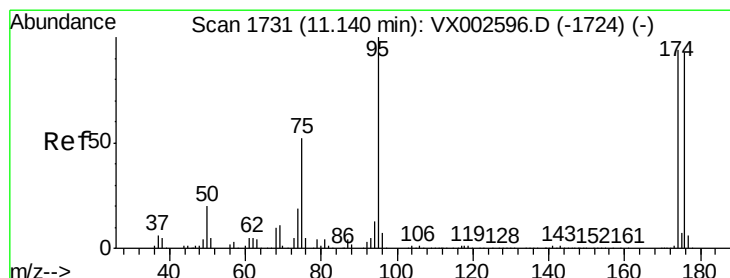
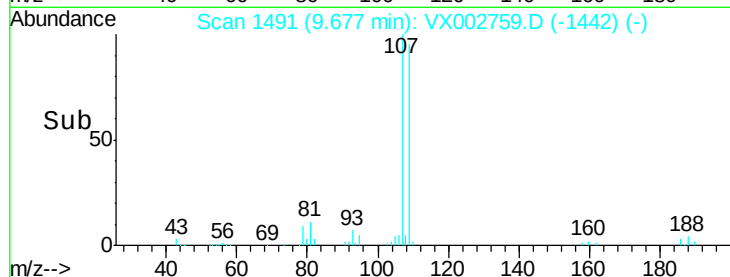
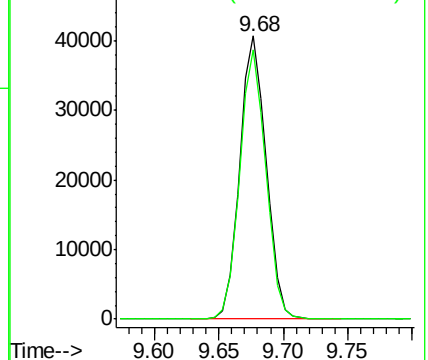
107 100

109 94.5 75.3 112.9



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 43.56 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

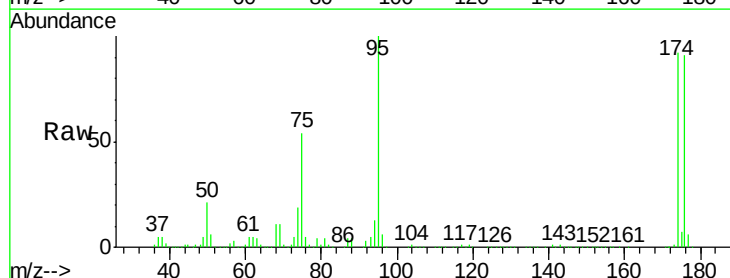
Tgt Ion: 95 Resp: 165064

Ion Ratio Lower Upper

95 100

174 97.0 0.0 187.4

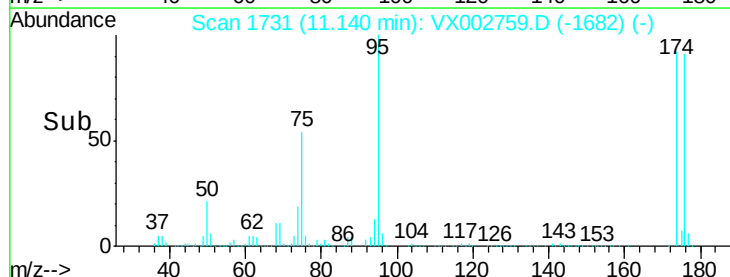
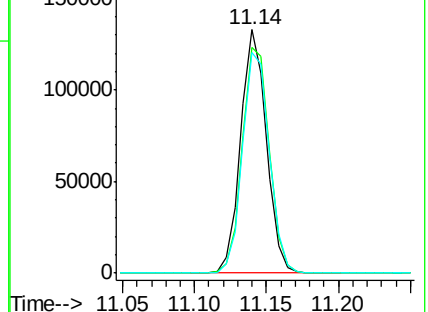
176 94.5 0.0 181.0

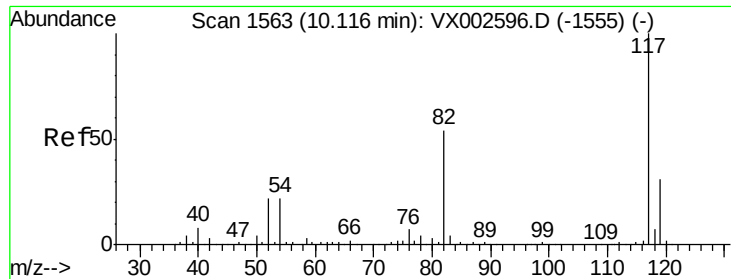


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

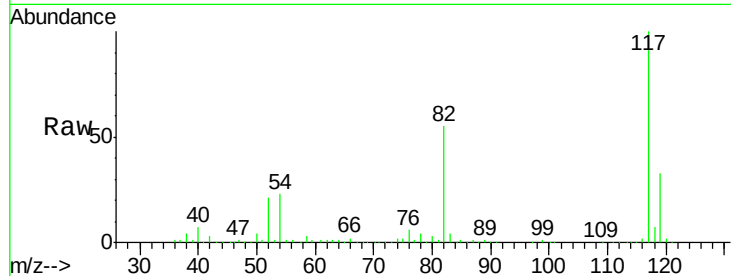




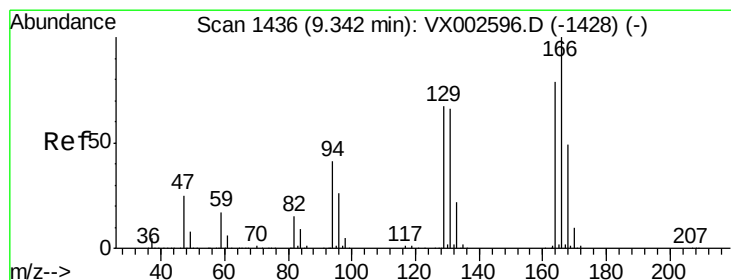
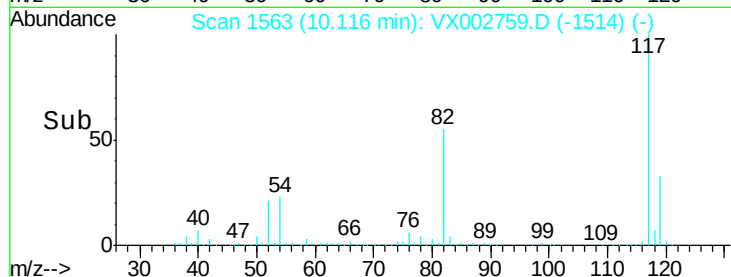
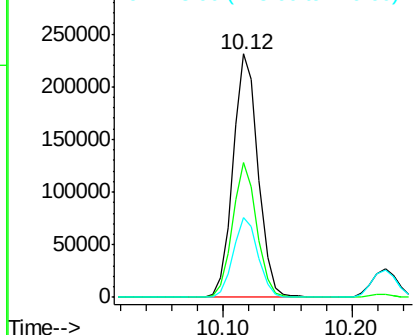
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. 0.00 min
Lab File: VX002759.D
Acq: 20 Jun 2018 23:52

Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:117 Resp: 313114
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.4
119 32.9 25.8 38.6



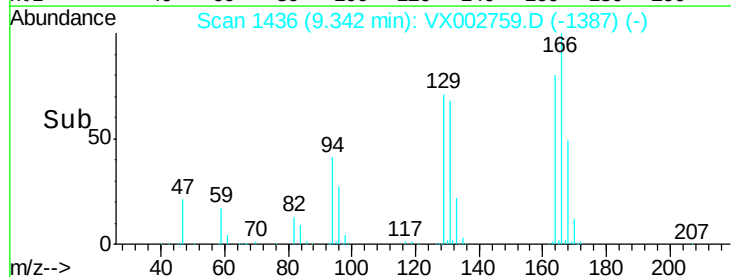
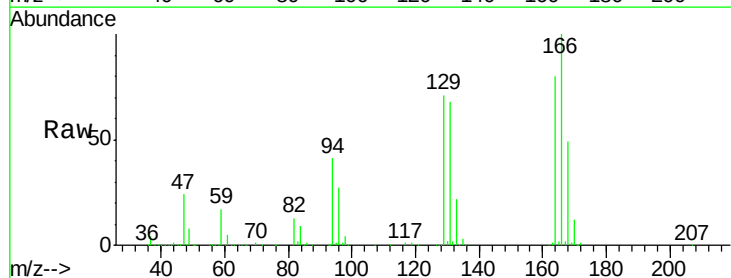
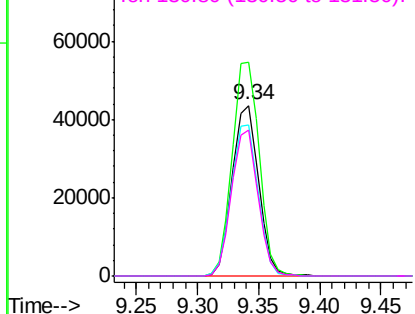
Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

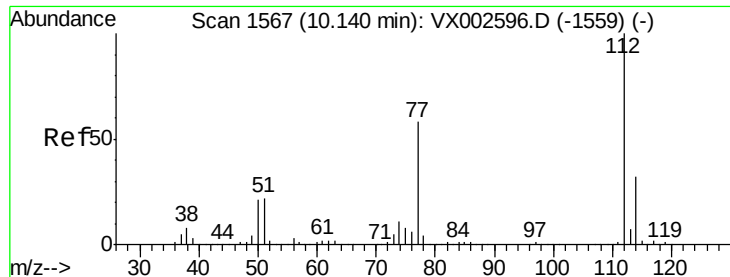


#64
Tetrachloroethene
Concen: 18.70 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX002759.D
Acq: 20 Jun 2018 23:52

Tgt Ion:164 Resp: 64998
Ion Ratio Lower Upper
164 100
166 125.3 102.9 154.3
129 88.5 68.6 102.8
131 85.3 66.8 100.2

Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V





#65

Chlorobenzene

Concen: 19.76 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :

MSVOA_X

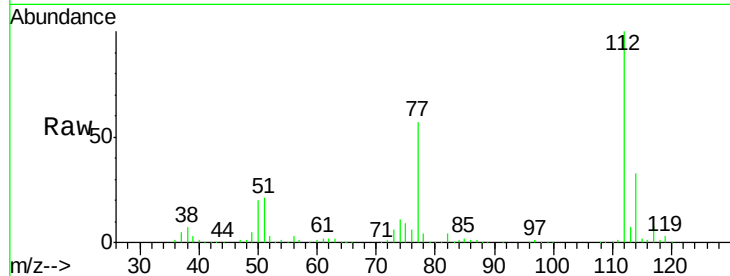
ClientSampleId :

Tot Ion:112 Resp: 151980

Ion Ratio Lower Upper

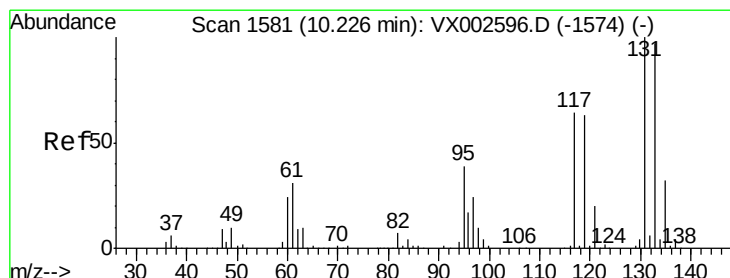
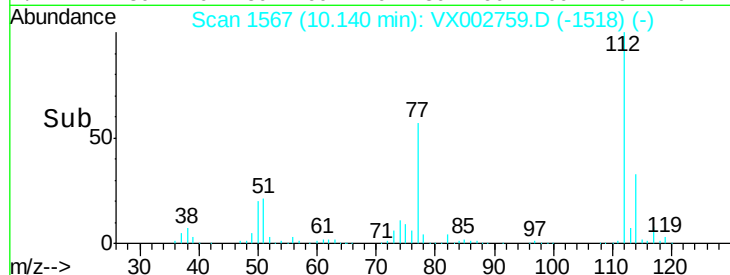
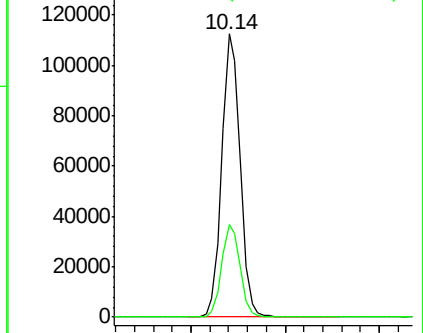
112 100

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: 21.62 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

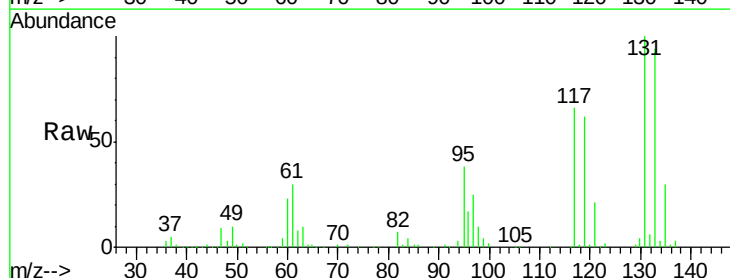
Tgt Ion:131 Resp: 56679

Ion Ratio Lower Upper

131 100

133 94.1 47.9 143.6

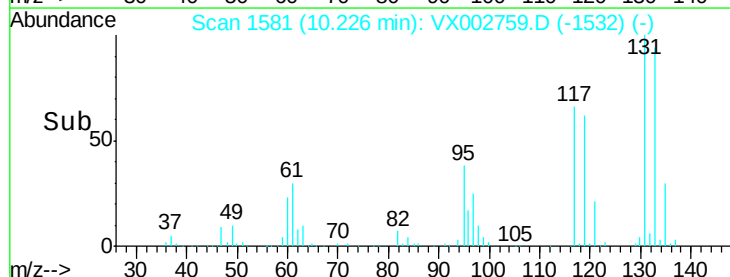
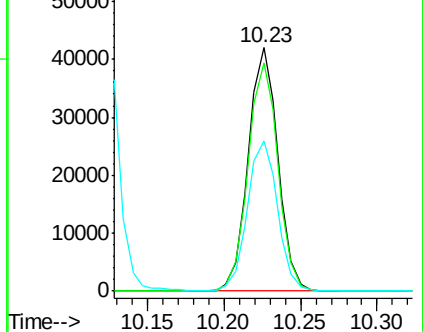
119 62.9 31.8 95.3

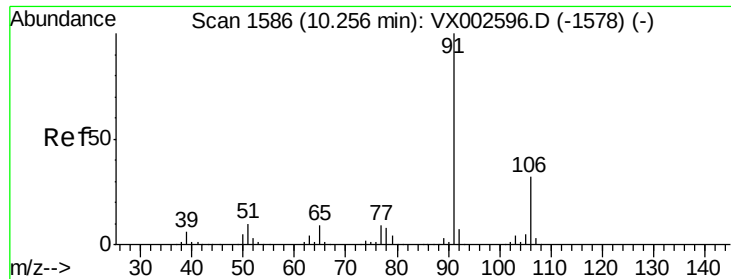


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V





#67

Ethyl Benzene

Concen: 19.65 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :

MSVOA_X

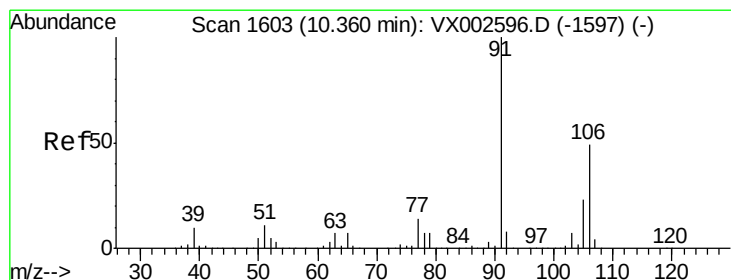
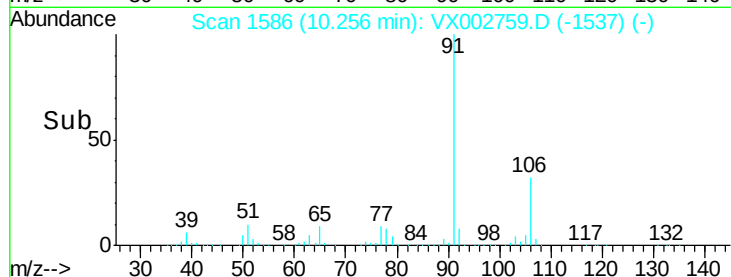
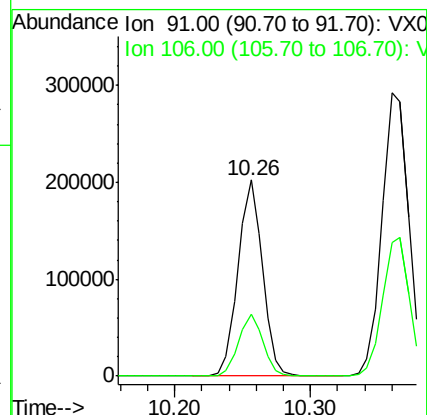
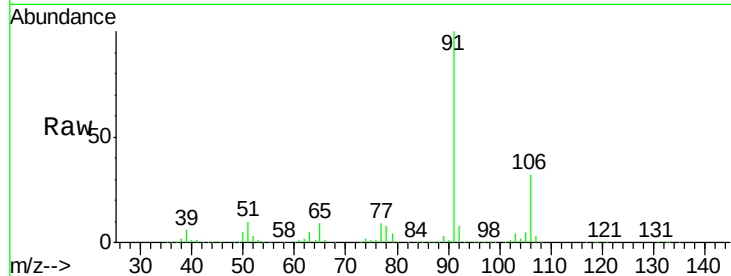
ClientSampleId :

Tot Ion: 91 Resp: 254826

Ion Ratio Lower Upper

91 100

106 31.8 25.5 38.3



#68

m/p-Xylenes

Concen: 39.20 ug/l

RT: 10.37 min Scan# 1604

Delta R.T. 0.01 min

Lab File: VX002759.D

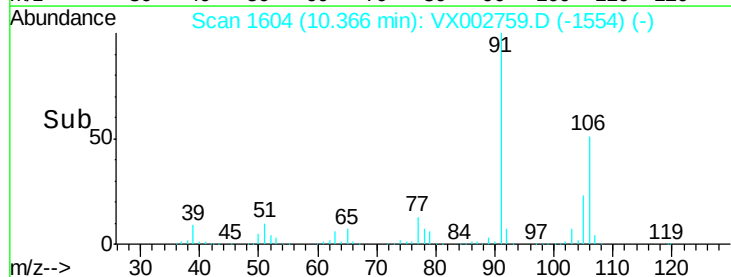
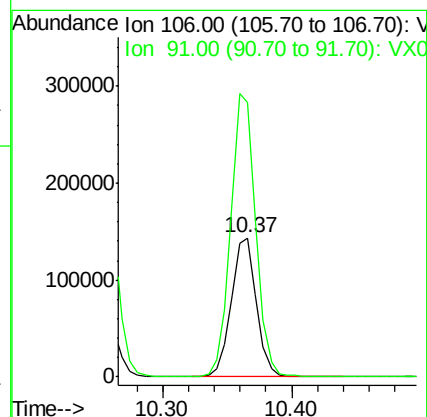
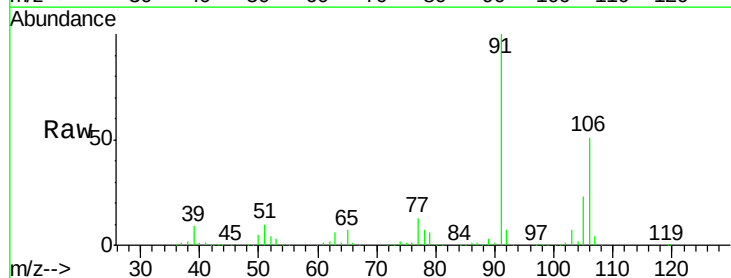
Acq: 20 Jun 2018 23:52

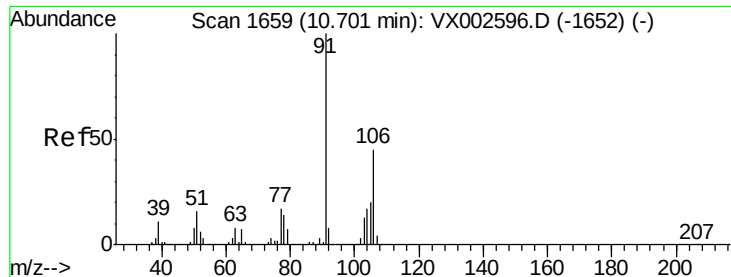
Tgt Ion: 106 Resp: 196124

Ion Ratio Lower Upper

106 100

91 203.5 163.4 245.2

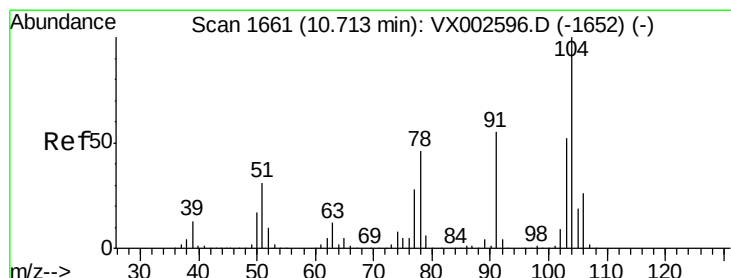
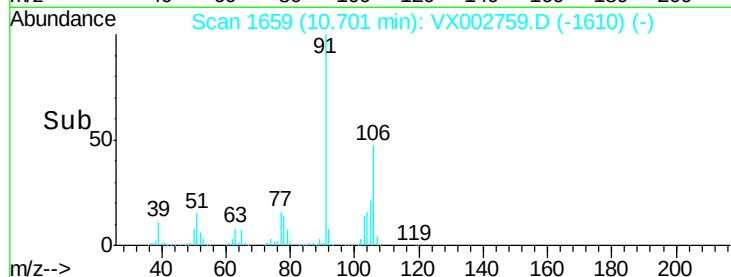
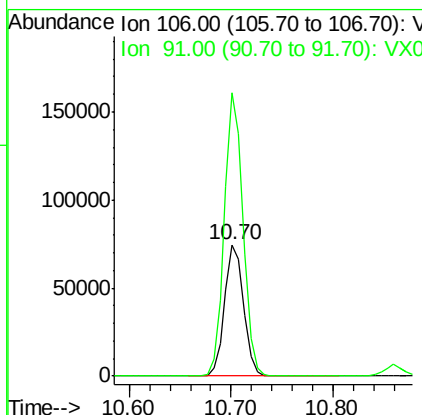
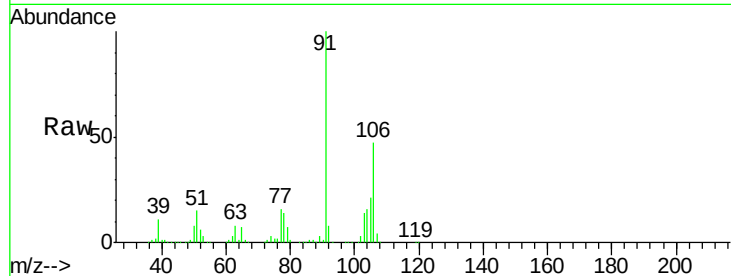




#69
o-Xylene
Concen: 19.66 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. 0.00 min
Lab File: VX002759.D
Acq: 20 Jun 2018 23:52

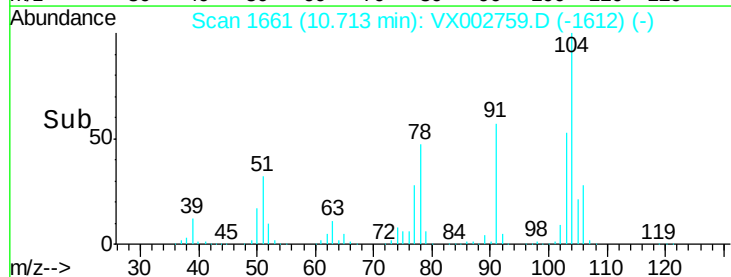
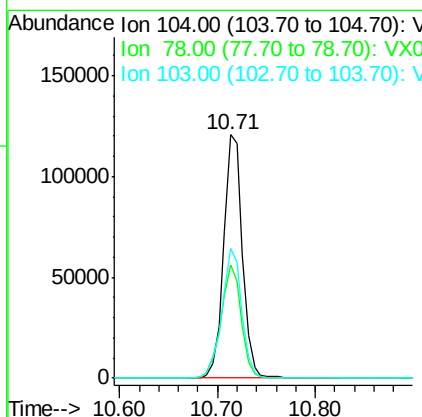
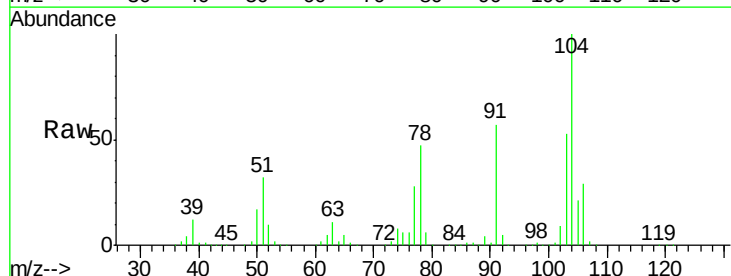
Instrument :
MSVOA_X
ClientSampleId :

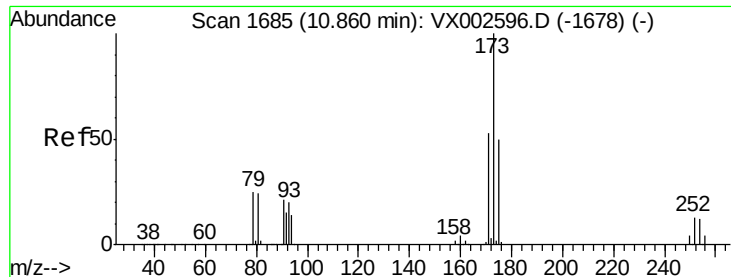
Tot Ion:106 Resp: 96626
Ion Ratio Lower Upper
106 100
91 211.5 108.2 324.6



#70
Styrene
Concen: 19.79 ug/l
RT: 10.71 min Scan# 1661
Delta R.T. 0.00 min
Lab File: VX002759.D
Acq: 20 Jun 2018 23:52

Tgt Ion:104 Resp: 159995
Ion Ratio Lower Upper
104 100
78 50.3 41.0 61.6
103 56.1 44.2 66.4

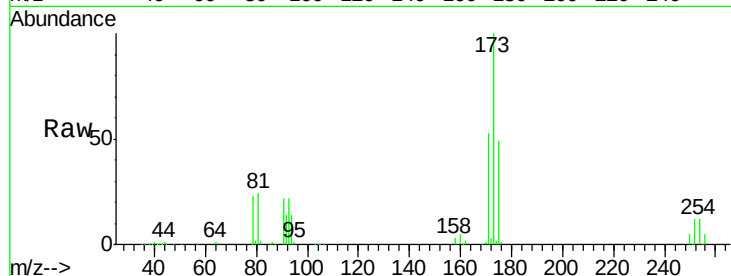




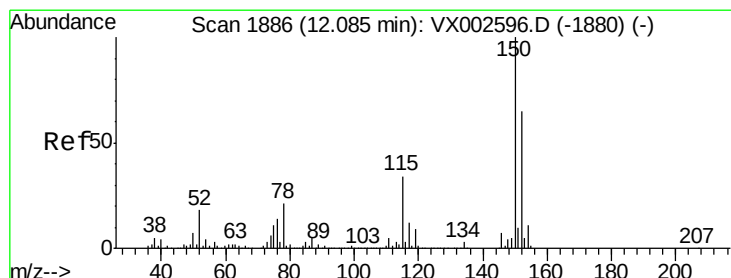
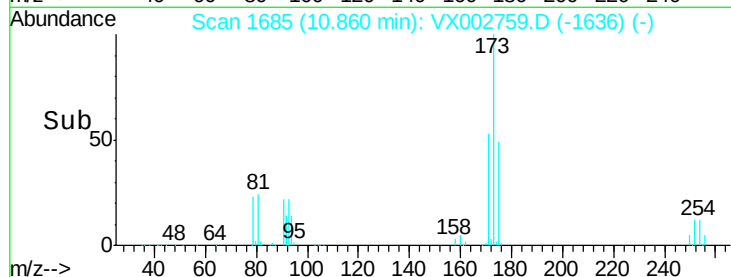
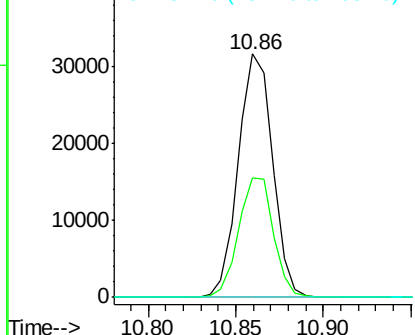
#71
Bromoform
Concen: 21.30 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002759.D
Acq: 20 Jun 2018 23:52

Instrument :
MSVOA_X
ClientSampled :

Tot Ion:173 Resp: 43485
Ion Ratio Lower Upper
173 100
175 49.7 24.7 74.1
254 0.0 0.2 0.2#

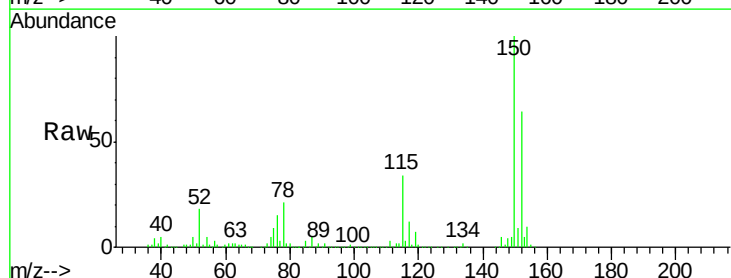


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

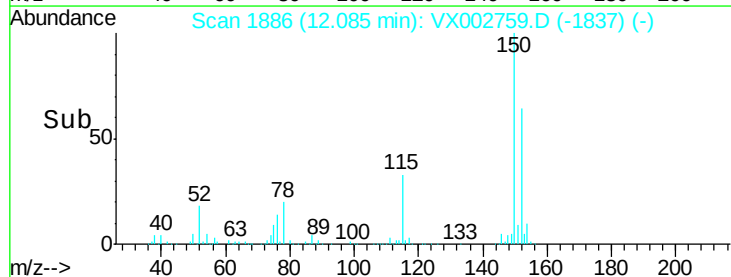
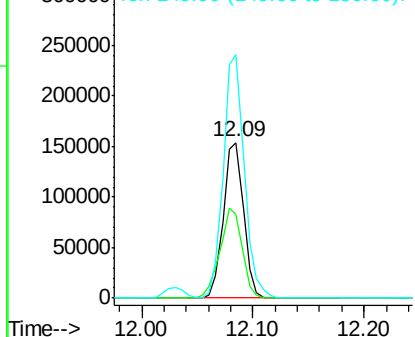


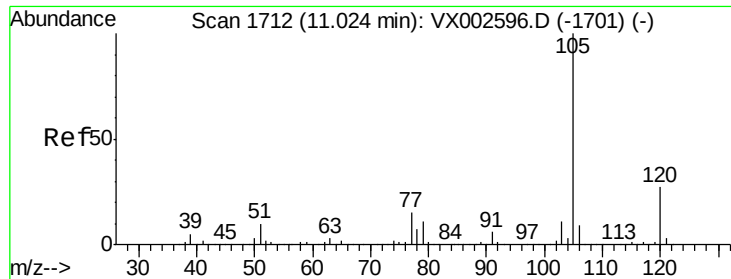
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX002759.D
Acq: 20 Jun 2018 23:52

Tgt Ion:152 Resp: 192522
Ion Ratio Lower Upper
152 100
115 63.7 40.1 120.2
150 162.7 0.0 347.2



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





#73

Isopropylbenzene

Concen: 20.32 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :

MSVOA_X

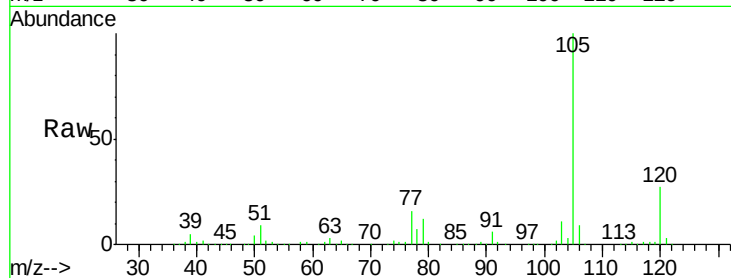
ClientSampleId :

Tot Ion:105 Resp: 261604

Ion Ratio Lower Upper

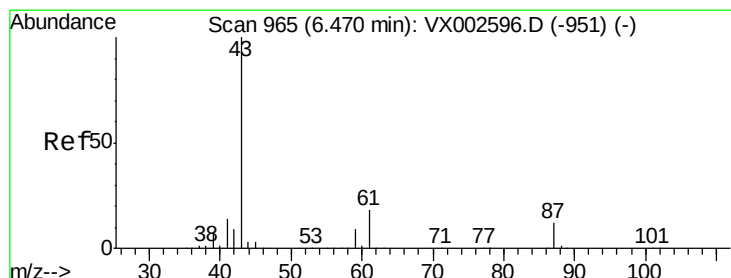
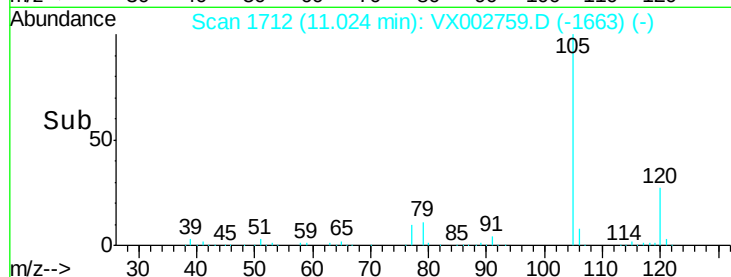
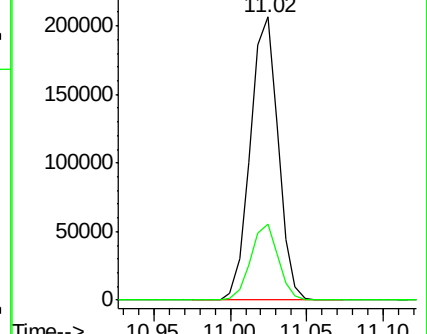
105 100

120 26.7 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: 19.96 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Tgt Ion: 43 Resp: 127706

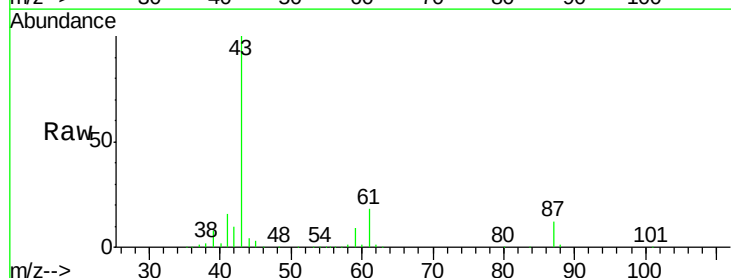
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.2 0.0 0.0#

61 18.2 14.4 21.6

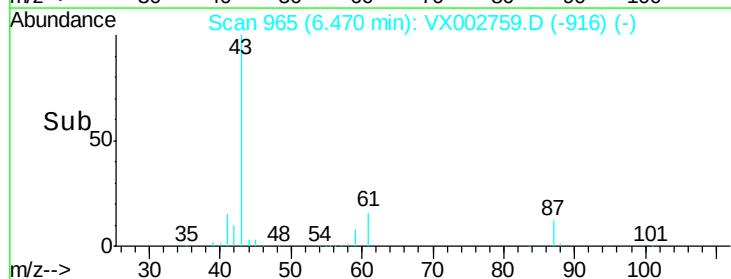
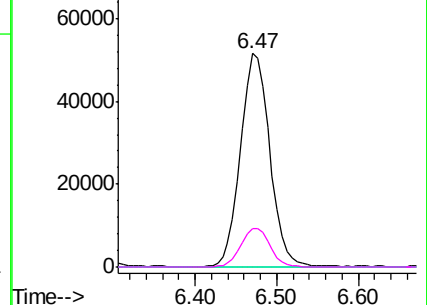


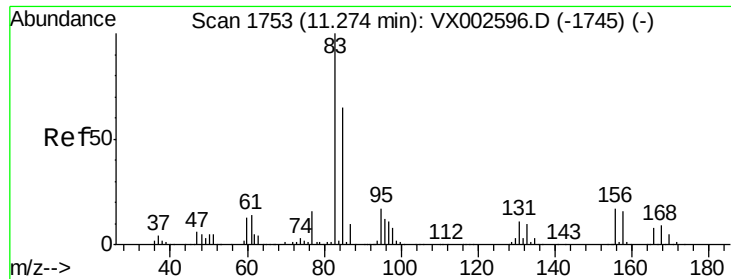
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 22.24 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :

MSVOA_X

ClientSampled :

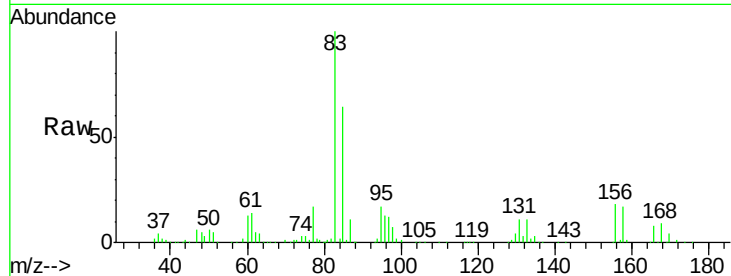
Tot Ion: 83 Resp: 84557

Ion Ratio Lower Upper

83 100

131 11.1 5.6 16.8

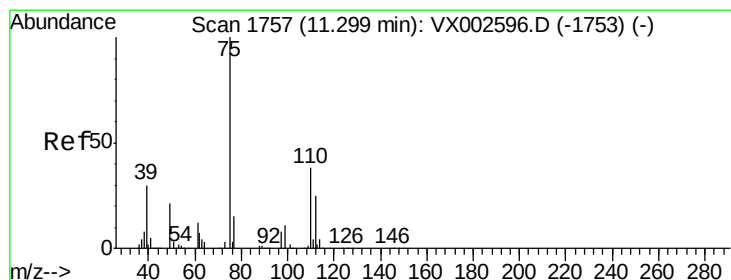
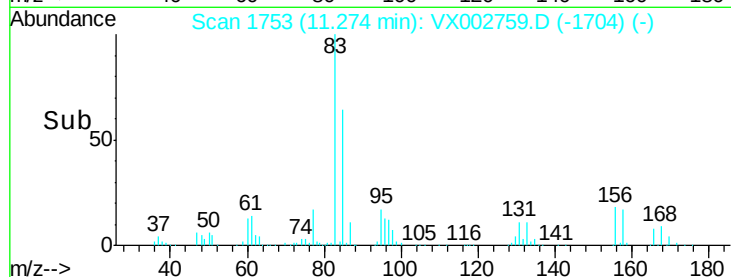
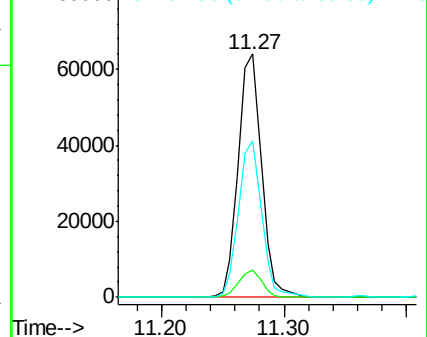
85 64.0 32.4 97.2



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): V

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 23.05 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. 0.00 min

Lab File: VX002759.D

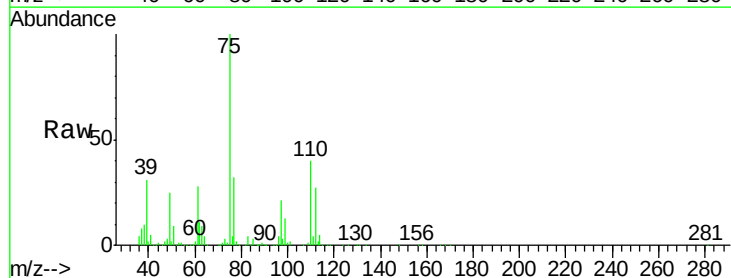
Acq: 20 Jun 2018 23:52

Tgt Ion: 75 Resp: 83721

Ion Ratio Lower Upper

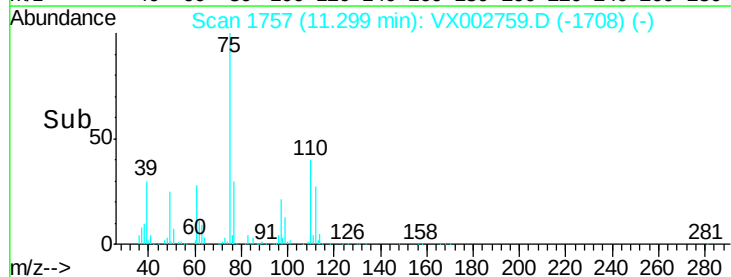
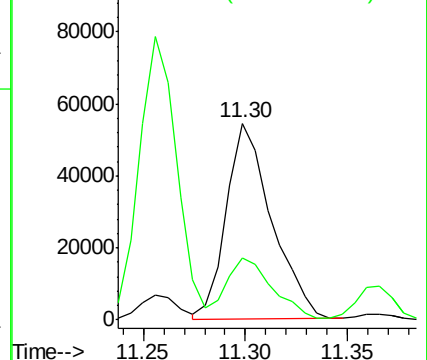
75 100

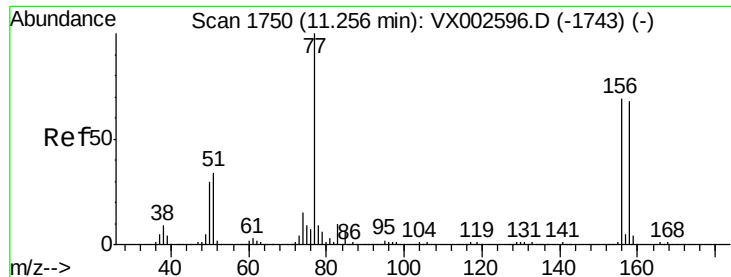
77 32.9 22.8 68.3



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.65 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.01 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :

MSVOA_X

ClientSampled :

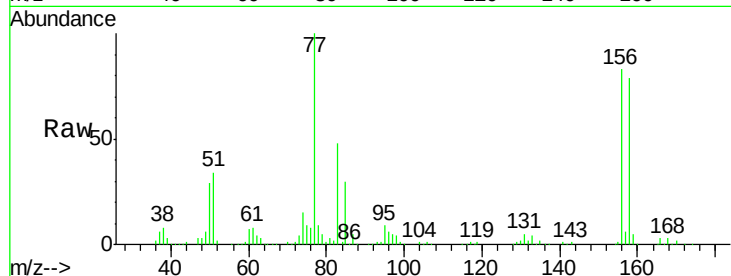
Tot Ion:156 Resp: 74061

Ion Ratio Lower Upper

156 100

77 135.7 71.4 214.2

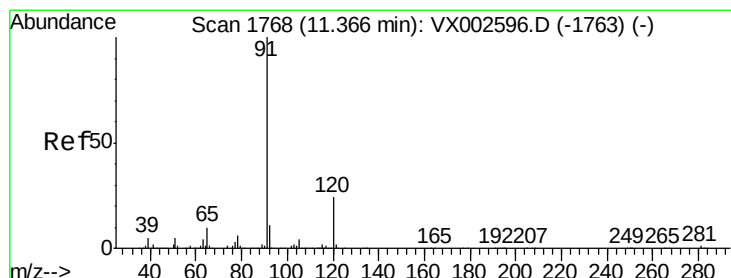
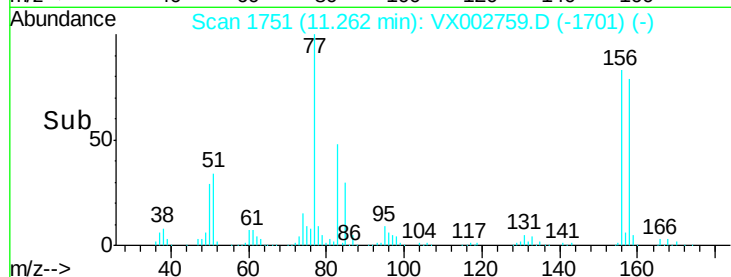
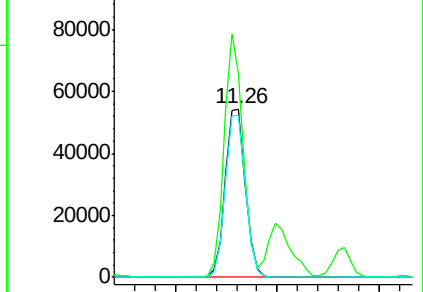
158 96.6 48.9 146.6



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: 19.73 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX002759.D

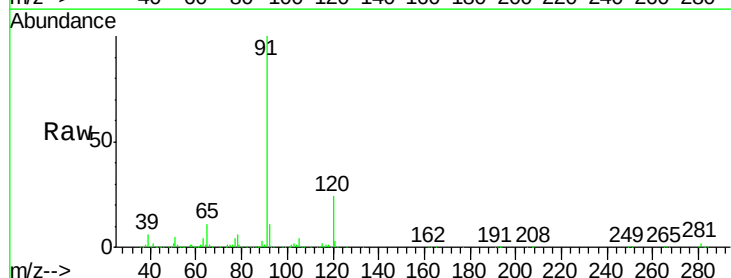
Acq: 20 Jun 2018 23:52

Tgt Ion: 91 Resp: 291304

Ion Ratio Lower Upper

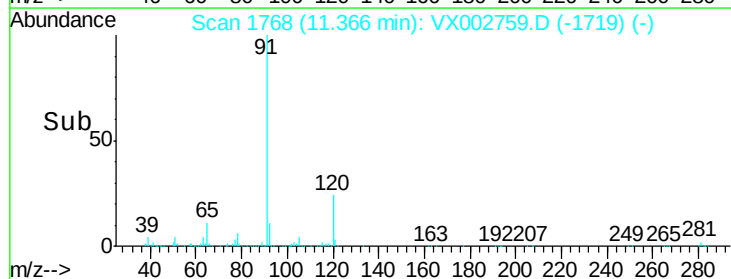
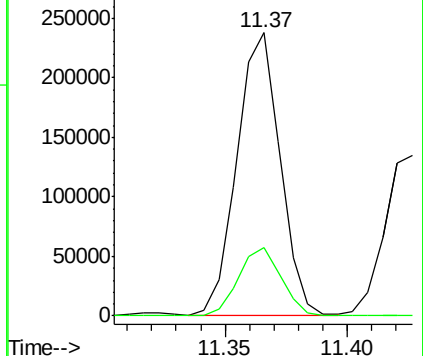
91 100

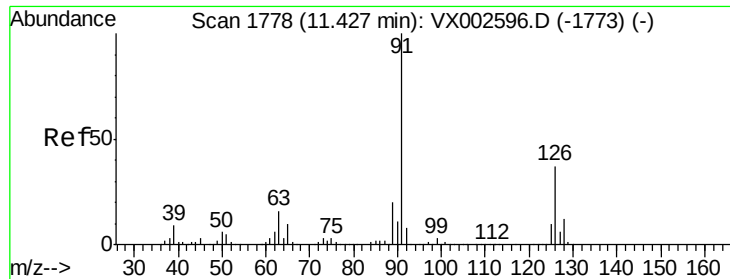
120 24.3 11.8 35.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

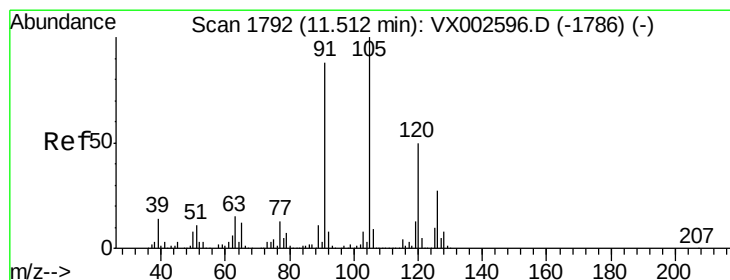
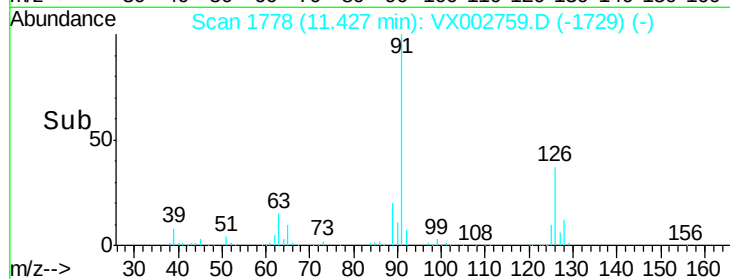
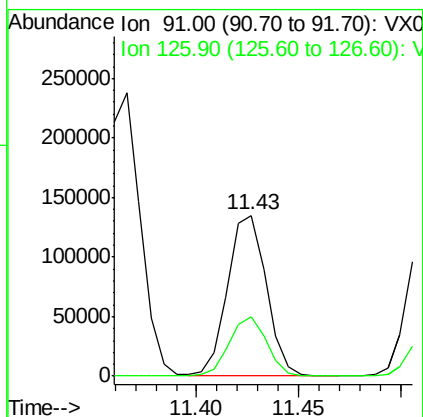
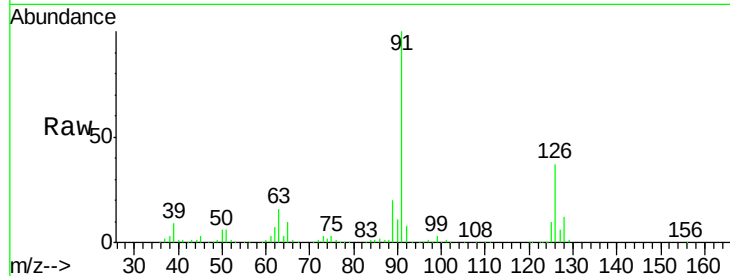




#79
 2-Chlorotoluene
 Concen: 19.95 ug/l
 RT: 11.43 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: VX002759.D
 Acq: 20 Jun 2018 23:52

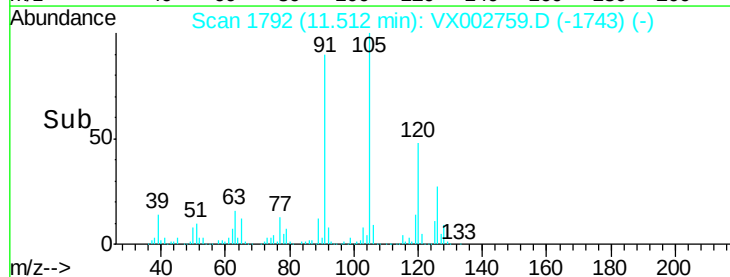
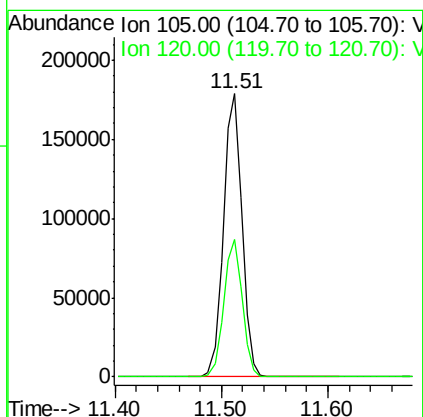
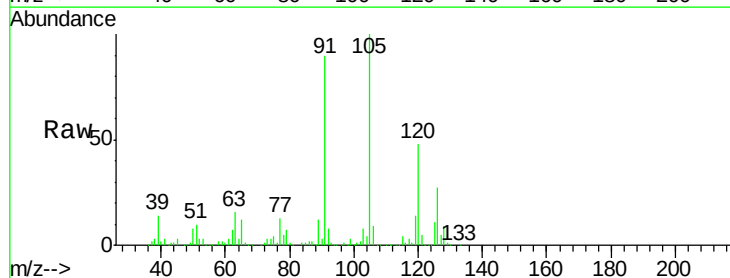
Instrument :
 MSVOA_X
 ClientSampled :

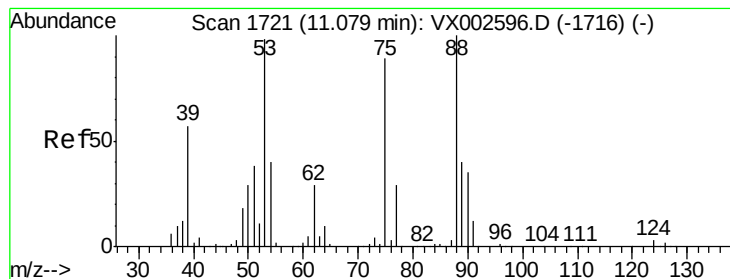
Tot Ion: 91 Resp: 175908
 Ion Ratio Lower Upper
 91 100
 126 35.8 17.7 53.1



#80
 1,3,5-Trimethylbenzene
 Concen: 19.98 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX002759.D
 Acq: 20 Jun 2018 23:52

Tgt Ion: 105 Resp: 217428
 Ion Ratio Lower Upper
 105 100
 120 48.3 24.4 73.4





#81

trans-1,4-Dichloro-2-butene

Concen: 16.13 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :

MSVOA_X

ClientSampled :

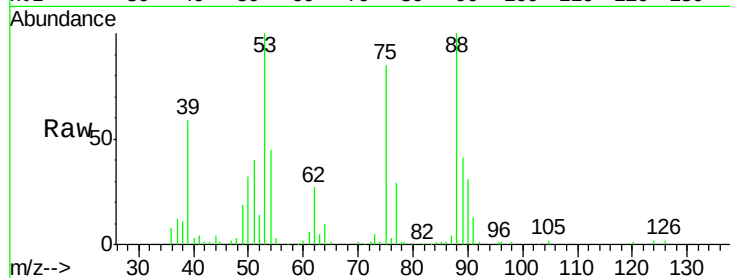
Tot Ion: 75 Resp: 14801

Ion Ratio Lower Upper

75 100

53 124.8 86.8 130.2

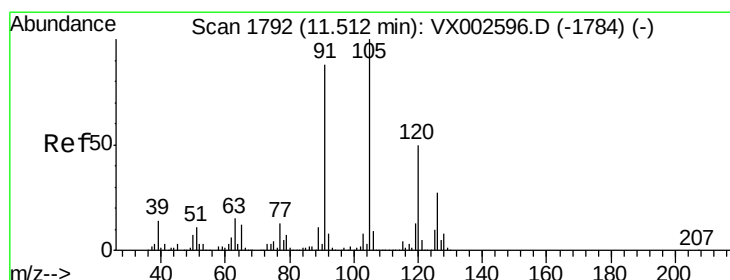
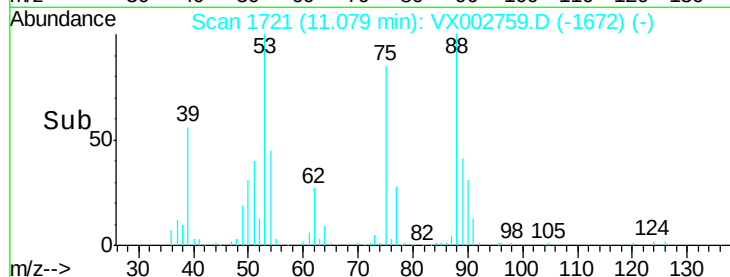
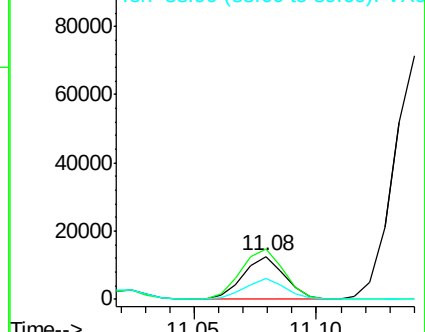
89 49.2 38.2 57.2



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.81 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX002759.D

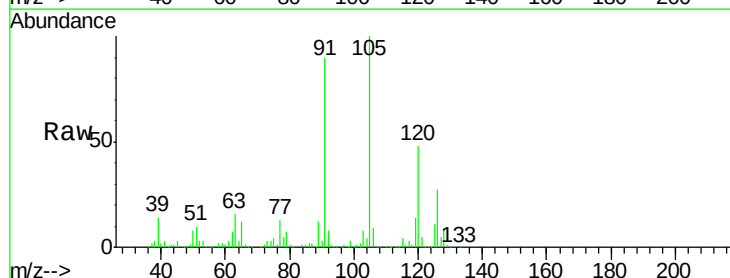
Acq: 20 Jun 2018 23:52

Tgt Ion: 91 Resp: 206048

Ion Ratio Lower Upper

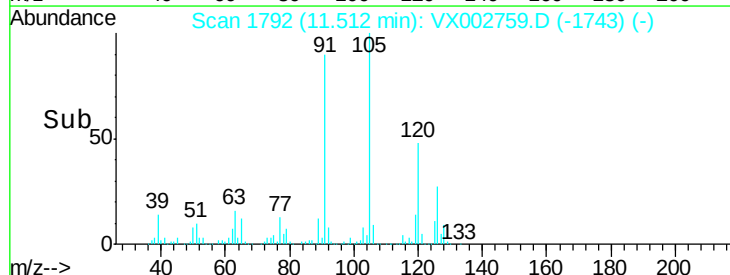
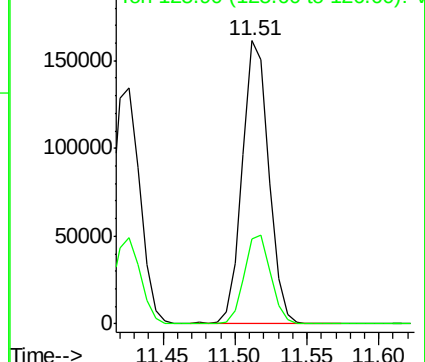
91 100

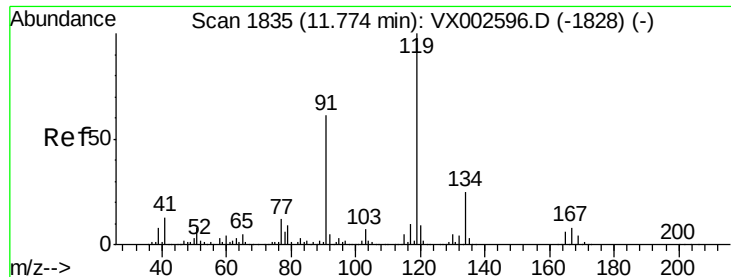
126 31.5 15.4 46.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

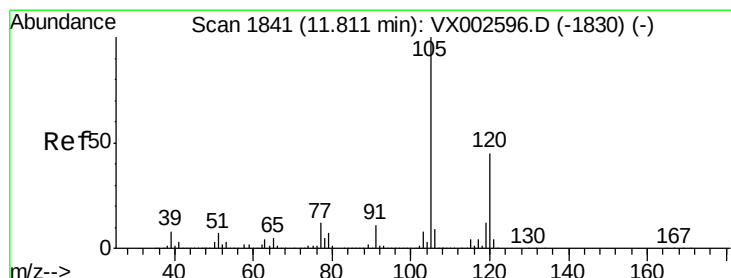
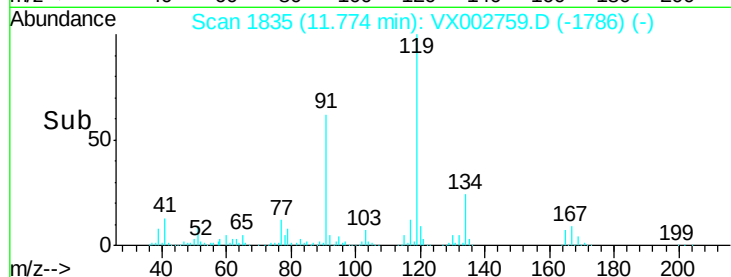
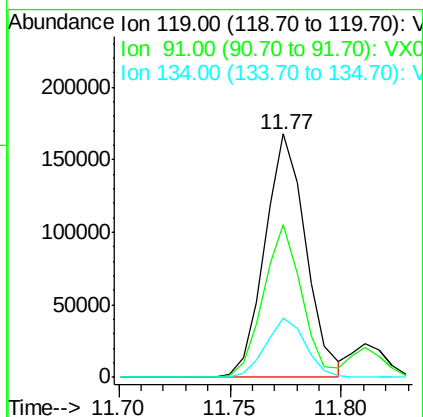
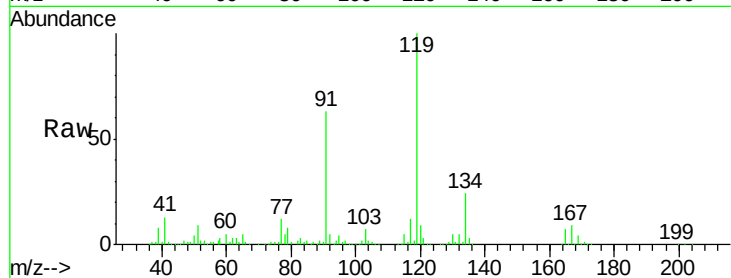




#83
tert-Butylbenzene
Concen: 20.47 ug/l
RT: 11.77 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX002759.D
Acq: 20 Jun 2018 23:52

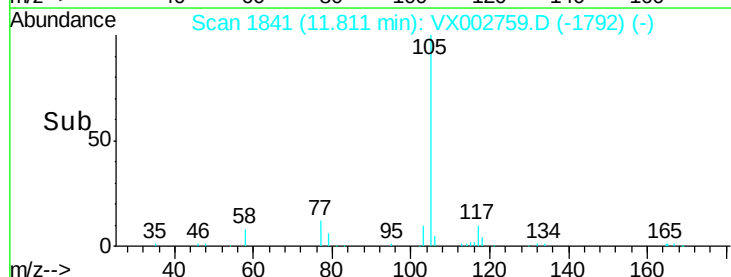
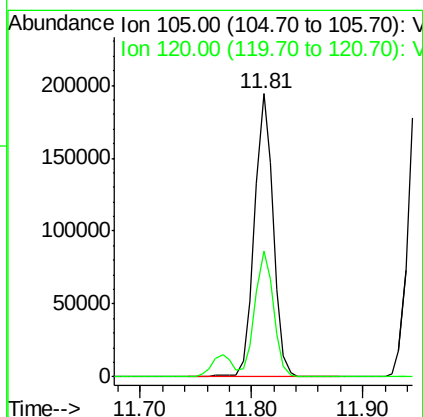
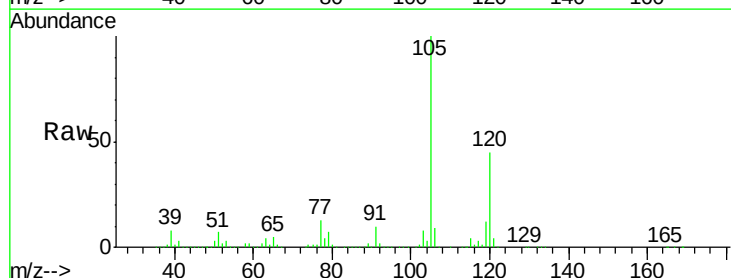
Instrument :
MSVOA_X
ClientSampled :

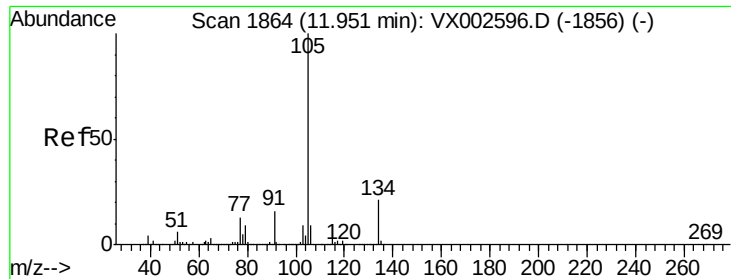
Tot Ion:119 Resp: 214616
Ion Ratio Lower Upper
119 100
91 58.8 30.3 90.9
134 23.6 11.7 35.1



#84
1,2,4-Trimethylbenzene
Concen: 20.49 ug/l
RT: 11.81 min Scan# 1841
Delta R.T. 0.00 min
Lab File: VX002759.D
Acq: 20 Jun 2018 23:52

Tgt Ion:105 Resp: 227491
Ion Ratio Lower Upper
105 100
120 44.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 20.00 ug/l

RT: 11.95 min Scan# 1864

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :

MSVOA_X

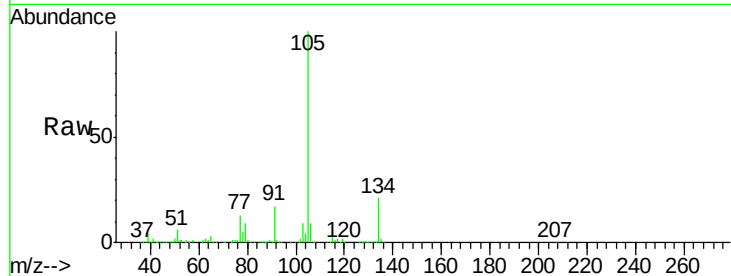
ClientSampleId :

Tot Ion:105 Resp: 260735

Ion Ratio Lower Upper

105 100

134 20.6 10.4 31.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 134.00 (133.70 to 134.70): V

250000

200000

150000

100000

50000

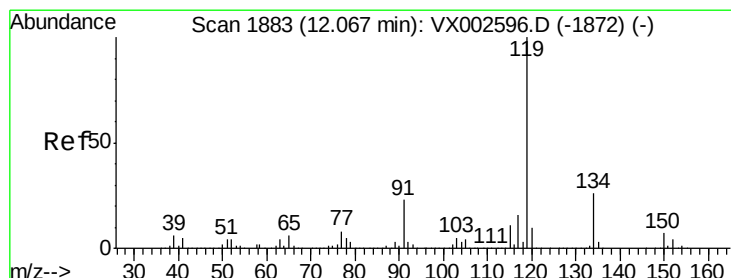
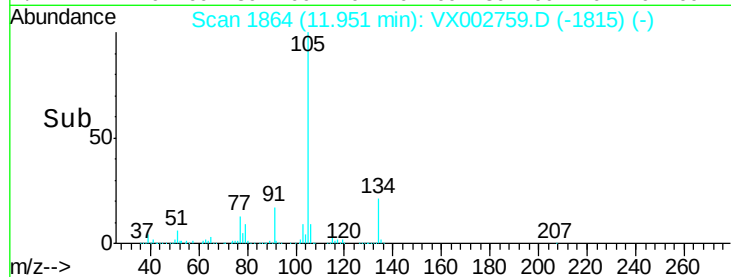
0

11.95

11.90

12.00

Time-->



#86

p-Isopropyltoluene

Concen: 19.47 ug/l

RT: 12.07 min Scan# 1883

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

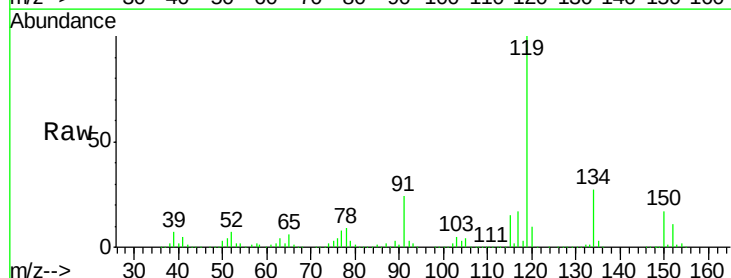
Tgt Ion:119 Resp: 229585

Ion Ratio Lower Upper

119 100

134 27.2 13.4 40.1

91 24.0 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

250000

200000

150000

100000

50000

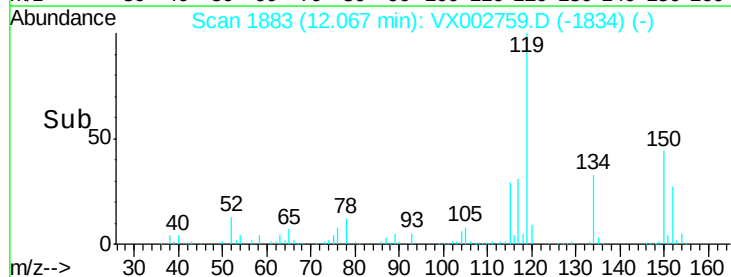
0

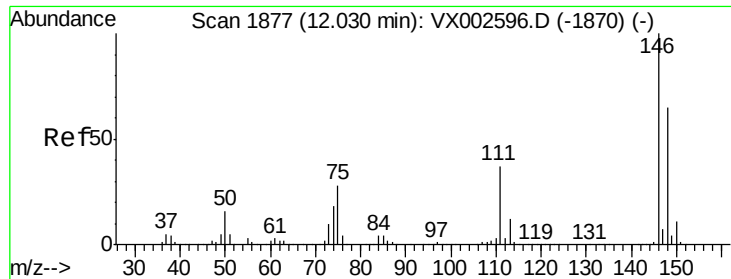
12.07

12.00

12.10

Time-->

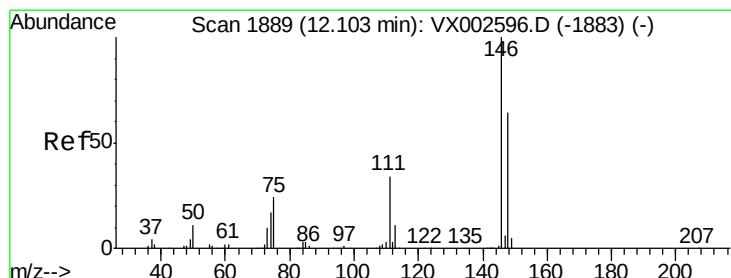
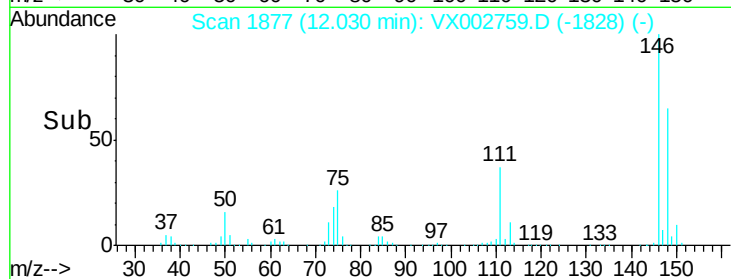
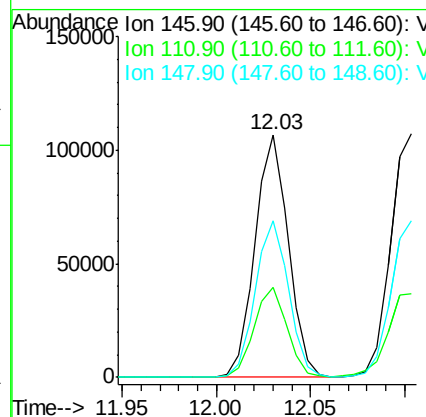
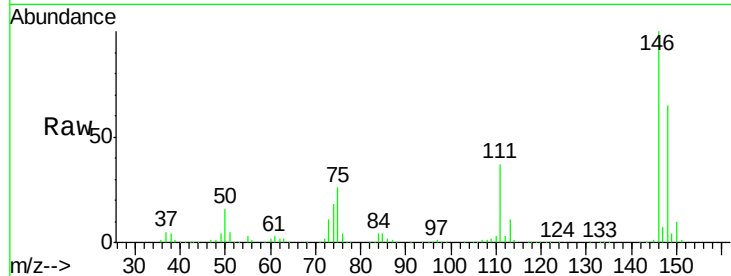




#87
 1,3-Dichlorobenzene
 Concen: 19.96 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX002759.D
 Acq: 20 Jun 2018 23:52

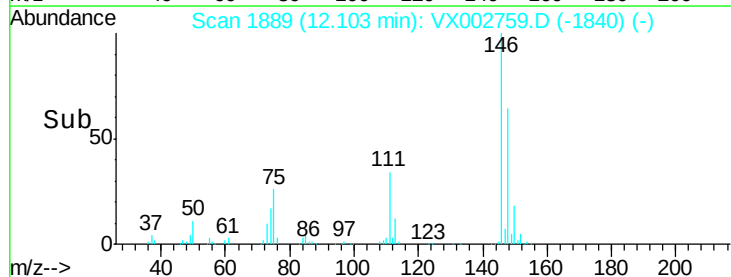
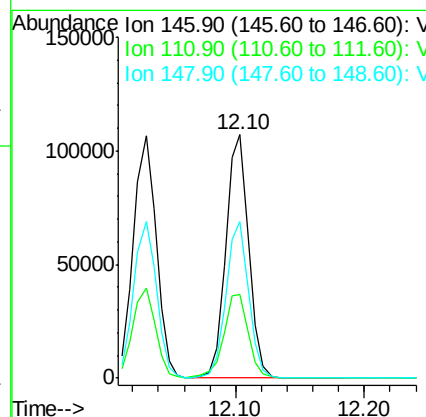
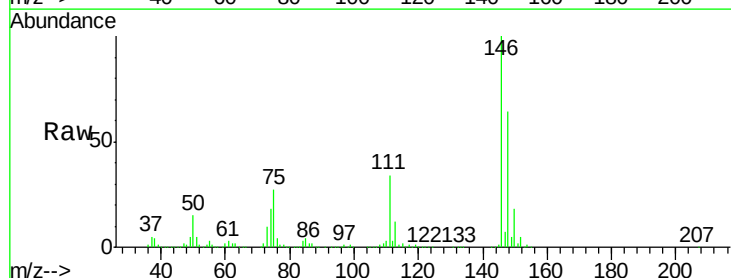
Instrument :
 MSVOA_X
 ClientSampled :

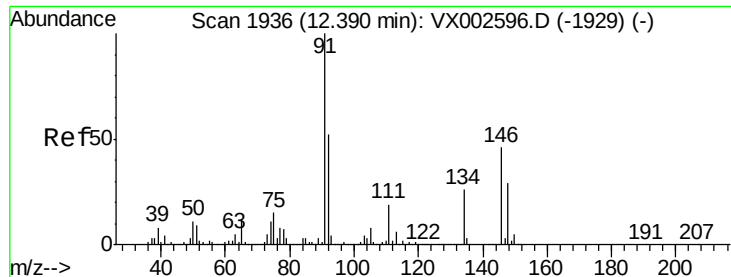
Tot Ion	Ratio	Lower	Upper
146	100		
111	36.8	18.9	56.7
148	64.2	32.1	96.3



#88
 1,4-Dichlorobenzene
 Concen: 20.02 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX002759.D
 Acq: 20 Jun 2018 23:52

Tgt Ion	Ratio	Lower	Upper
146	100		
111	37.1	18.7	56.1
148	64.0	32.4	97.0





#89

n-Butylbenzene

Concen: 18.25 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :

MSVOA_X

ClientSampleId :

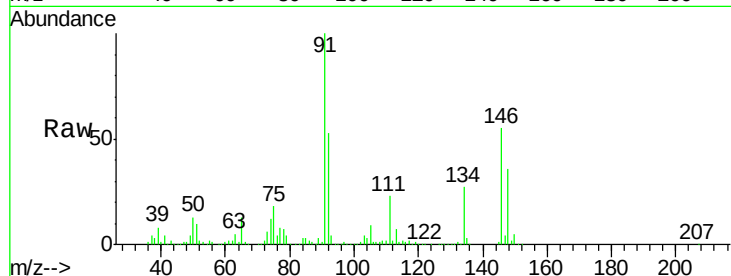
Tot Ion: 91 Resp: 189833

Ion Ratio Lower Upper

91 100

92 51.7 26.0 78.0

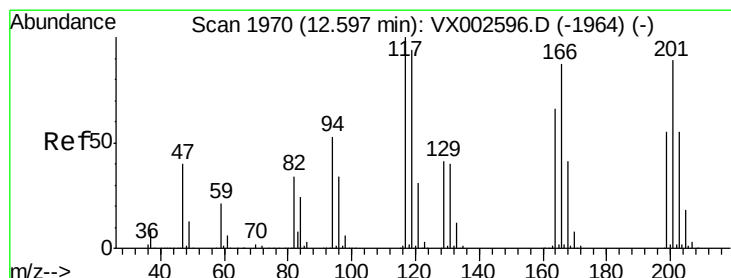
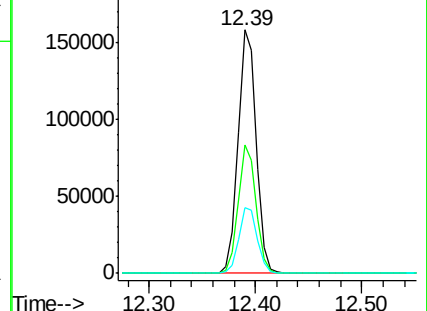
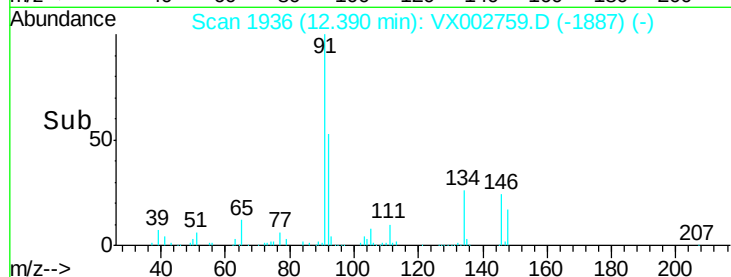
134 27.4 13.5 40.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V



#90

Hexachloroethane

Concen: 18.98 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.01 min

Lab File: VX002759.D

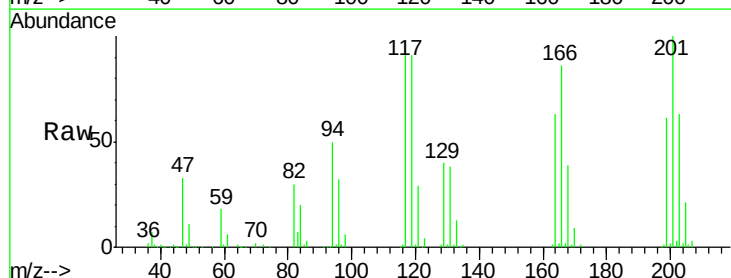
Acq: 20 Jun 2018 23:52

Tgt Ion: 117 Resp: 31739

Ion Ratio Lower Upper

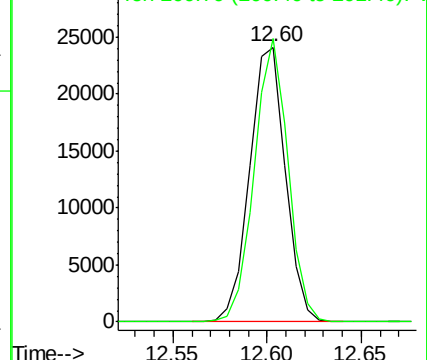
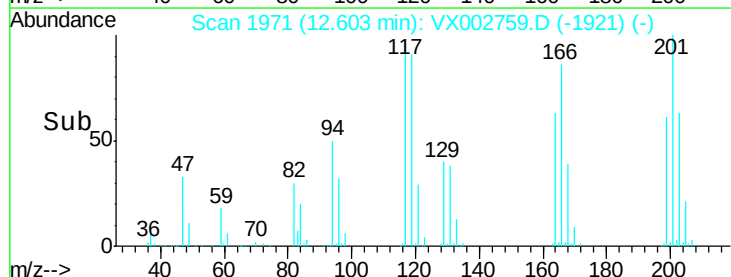
117 100

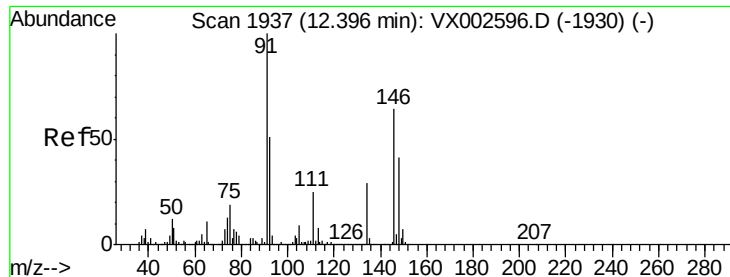
201 96.6 49.0 147.0



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V

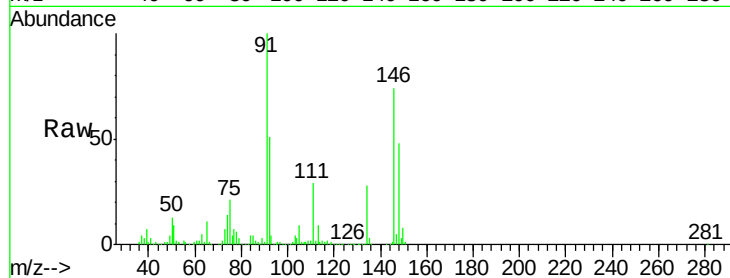




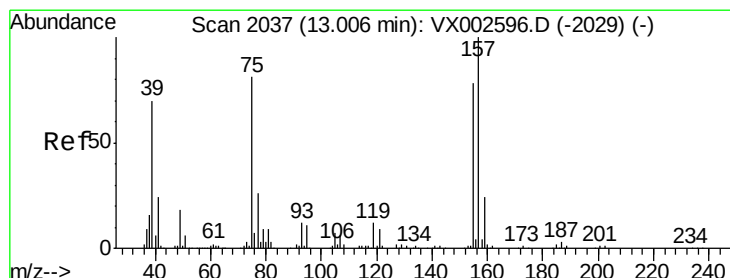
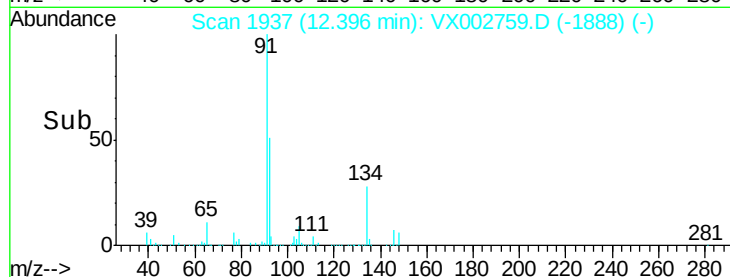
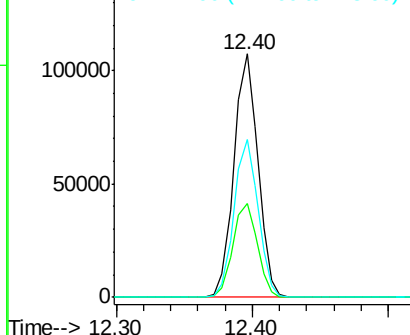
#91
 1,2-Dichlorobenzene
 Concen: 19.93 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX002759.D
 Acq: 20 Jun 2018 23:52

Instrument :
 MSVOA_X
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
146	100		
111	39.3	19.4	58.1
148	65.1	31.7	95.1

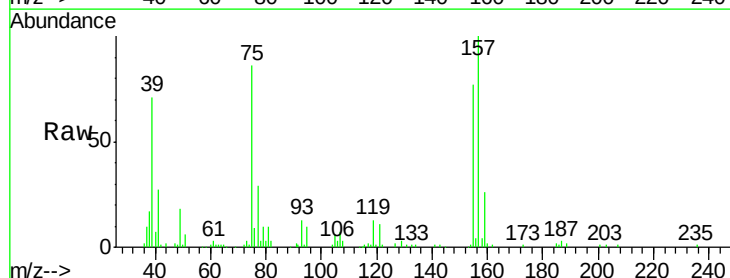


Abundance Ion 145.90 (145.60 to 146.60): V
 Ion 110.90 (110.60 to 111.60): V
 Ion 147.90 (147.60 to 148.60): V

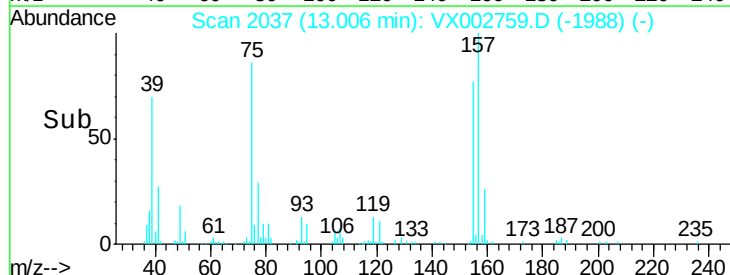
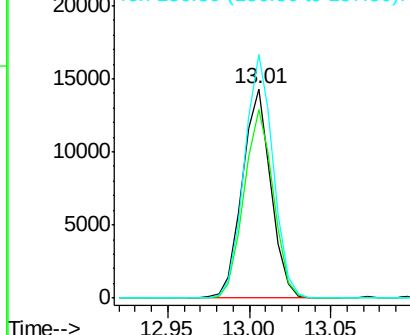


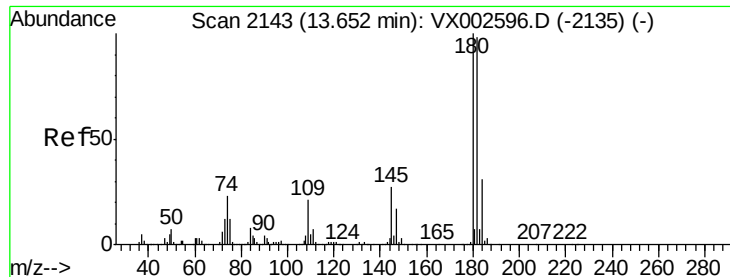
#92
 1,2-Dibromo-3-Chloropropane
 Concen: 22.00 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX002759.D
 Acq: 20 Jun 2018 23:52

Tgt Ion	Ratio	Lower	Upper
75	100		
155	92.0	45.8	137.4
157	117.2	60.1	180.3



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

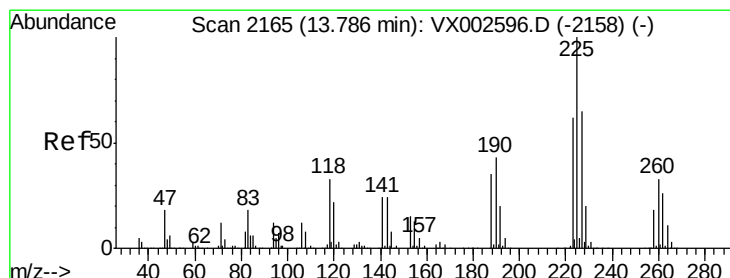
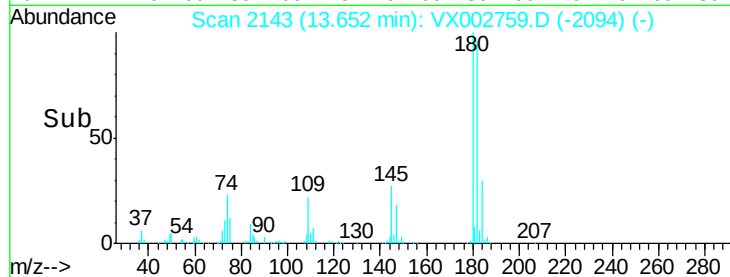
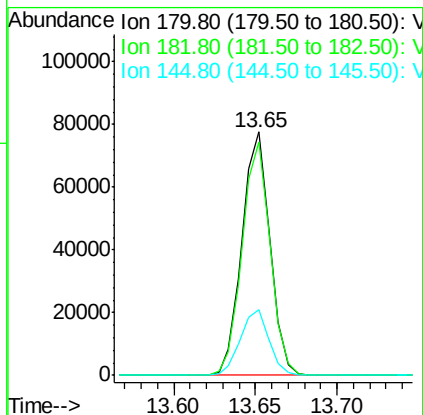
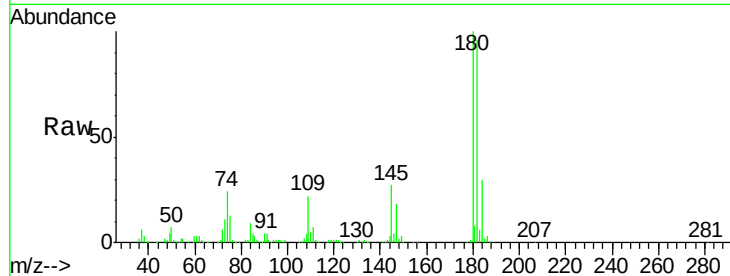




#93
 1,2,4-Trichlorobenzene
 Concen: 19.38 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX002759.D
 Acq: 20 Jun 2018 23:52

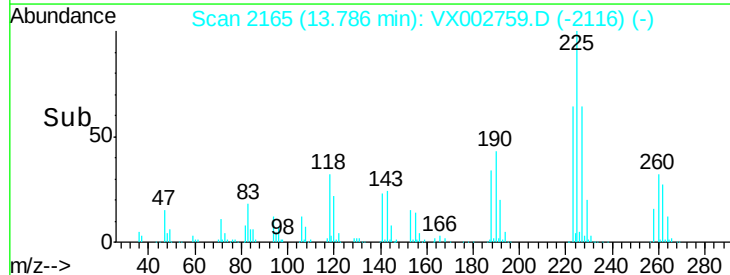
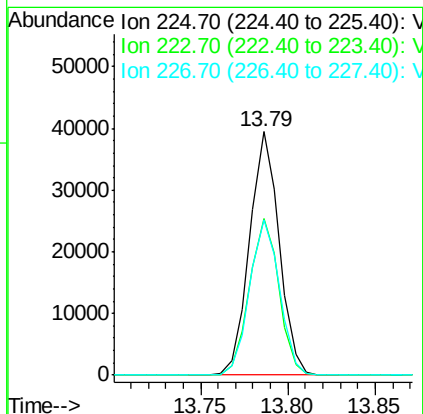
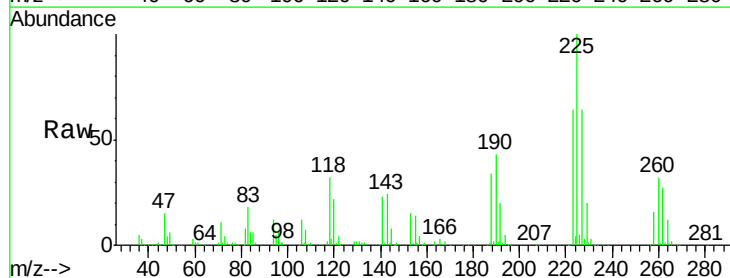
Instrument :
 MSVOA_X
 ClientSampleId :

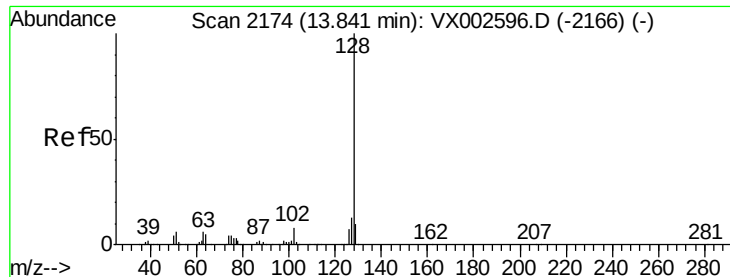
Tot Ion:180 Resp: 93125
 Ion Ratio Lower Upper
 180 100
 182 96.2 47.7 143.1
 145 27.5 14.1 42.4



#94
 Hexachlorobutadiene
 Concen: 18.30 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX002759.D
 Acq: 20 Jun 2018 23:52

Tgt Ion:225 Resp: 46331
 Ion Ratio Lower Upper
 225 100
 223 64.0 31.6 95.0
 227 64.5 32.4 97.2





#95

Naphthalene

Concen: 20.96 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

Instrument :

MSVOA_X

ClientSampled :

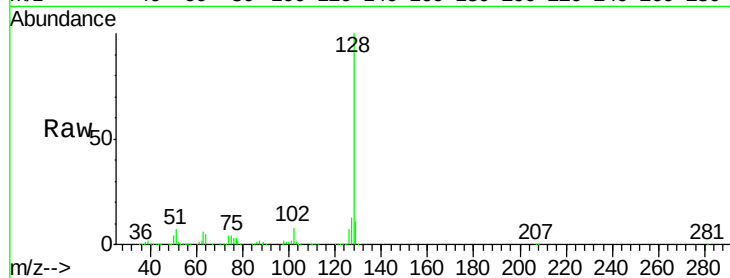
Tot Ion:128 Resp: 271008

Ion Ratio Lower Upper

128 100

127 12.9 10.4 15.6

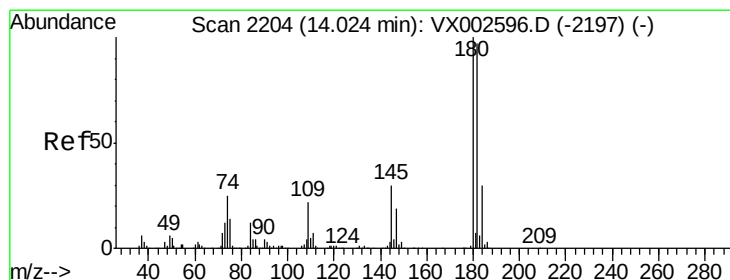
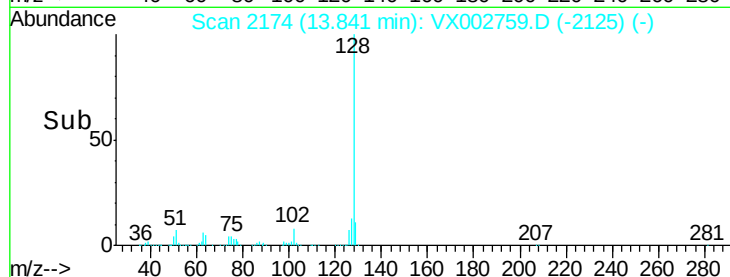
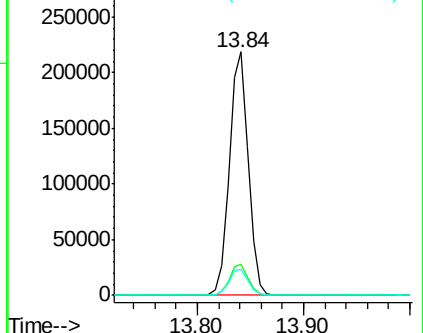
129 11.0 8.6 13.0



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V



#96

1,2,3-Trichlorobenzene

Concen: 20.09 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX002759.D

Acq: 20 Jun 2018 23:52

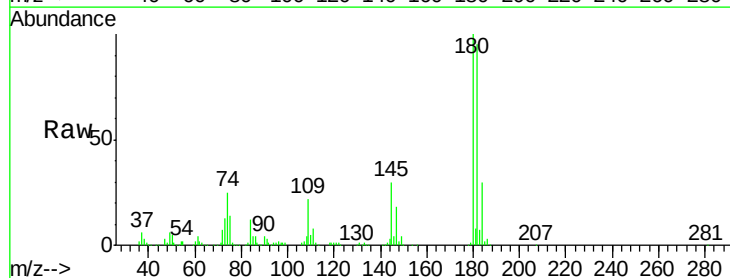
Tgt Ion:180 Resp: 96945

Ion Ratio Lower Upper

180 100

182 95.9 48.0 144.0

145 29.3 14.8 44.3



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

