

Data File : VX001661.D

Acq On : 12 May 2018 12:43

Operator : JC/MD

Sample : VX0512WBS01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Quant Time: May 14 05:56:40 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	250642	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	310700	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	292900	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208838	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	159919	44.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.78%	
35) Dibromofluoromethane	5.51	113	133210	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
50) Toluene-d8	8.72	98	468692	46.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.92%	
62) 4-Bromofluorobenzene	11.14	95	176621	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	61292	18.17	ug/l	98
3) Chloromethane	1.32	50	58248	17.73	ug/l	99
4) Vinyl Chloride	1.40	62	62979	18.36	ug/l	97
5) Bromomethane	1.64	94	37129	21.70	ug/l	98
6) Chloroethane	1.73	64	40953	18.07	ug/l	99
7) Trichlorofluoromethane	1.93	101	98347	19.05	ug/l	98
8) Diethyl Ether	2.19	74	38611	19.09	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	59803	19.76	ug/l	100
10) Methyl Iodide	2.51	142	54817	12.56	ug/l	100
11) Tert butyl alcohol	3.07	59	72156	95.00	ug/l	100
12) 1,1-Dichloroethene	2.37	96	51539	18.58	ug/l	99
13) Acrolein	2.29	56	9302	52.92	ug/l	100
14) Allyl chloride	2.73	41	97918	18.93	ug/l	100
15) Acrylonitrile	3.15	53	159569	92.97	ug/l	99
16) Acetone	2.45	43	160130	97.89	ug/l	100
17) Carbon Disulfide	2.57	76	116302	16.48	ug/l	100
18) Methyl Acetate	2.78	43	90032	20.95	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	188528	19.52	ug/l	98
20) Methylene Chloride	2.86	84	60312	18.62	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	55102	17.80	ug/l	99
22) Diisopropyl ether	3.87	45	184701	19.12	ug/l	98
23) Vinyl Acetate	3.82	43	763779	94.85	ug/l	98
24) 1,1-Dichloroethane	3.70	63	106258	19.69	ug/l	100
25) 2-Butanone	4.71	43	224884	95.10	ug/l	99
26) 2,2-Dichloropropane	4.59	77	87013	20.88	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	64438	19.55	ug/l	98
28) Bromochloromethane	5.03	49	49597	21.20	ug/l	99
29) Tetrahydrofuran	5.17	42	137360	90.79	ug/l	99
30) Chloroform	5.22	83	113482	20.41	ug/l	96
31) Cyclohexane	5.58	56	86925	18.75	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	97771	20.12	ug/l	99
36) 1,1-Dichloropropene	5.80	75	77310	19.56	ug/l	99
37) Ethyl Acetate	4.87	43	81119	18.72	ug/l	99
38) Carbon Tetrachloride	5.79	117	87297	20.71	ug/l	97

Data File : VX001661.D

Acq On : 12 May 2018 12:43

Operator : JC/MD

Sample : VX0512WBS01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Quant Time: May 14 05:56:40 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

Quant Title : SW846 8260

QLast Update : Sun May 06 07:59:25 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	92235	19.74	ug/l	97
40) Benzene	6.15	78	236806	20.51	ug/l	98
41) Methacrylonitrile	5.06	41	48843	19.70	ug/l	99
42) 1,2-Dichloroethane	6.20	62	92611	20.87	ug/l	99
43) Isopropyl Acetate	6.47	43	129566	19.48	ug/l	99
44) Trichloroethene	7.22	130	71974	20.40	ug/l	99
45) 1,2-Dichloropropane	7.52	63	61653	21.42	ug/l	98
46) Dibromomethane	7.67	93	41849	20.54	ug/l	99
47) Bromodichloromethane	7.90	83	80200	21.27	ug/l	99
48) Methyl methacrylate	7.78	41	70068	19.35	ug/l	100
49) 1,4-Dioxane	7.76	88	30316	387.48	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	441280	99.85	ug/l	99
52) Toluene	8.79	92	155362	20.58	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	89648	21.04	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	81195	19.86	ug/l	98
55) 1,1,2-Trichloroethane	9.22	97	64889	21.34	ug/l	95
56) Ethyl methacrylate	9.19	69	86791	19.80	ug/l	98
57) 1,3-Dichloropropane	9.38	76	103437	20.57	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	227632	105.87	ug/l	99
59) 2-Hexanone	9.50	43	327975	96.91	ug/l	100
60) Dibromochloromethane	9.59	129	63914	20.52	ug/l	100
61) 1,2-Dibromoethane	9.68	107	63748	19.97	ug/l	100
64) Tetrachloroethene	9.34	164	83799	20.53	ug/l	97
65) Chlorobenzene	10.14	112	174231	20.28	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	64645	21.04	ug/l	99
67) Ethyl Benzene	10.26	91	286657	20.36	ug/l	98
68) m/p-Xylenes	10.37	106	228164	41.01	ug/l	99
69) o-Xylene	10.70	106	110912	20.51	ug/l	99
70) Styrene	10.72	104	181367	20.65	ug/l	99
71) Bromoform	10.86	173	49464	19.11	ug/l	99
73) Isopropylbenzene	11.02	105	304552	21.07	ug/l	100
74) N-amyl acetate	6.47	43	129566	19.73	ug/l	# 98
75) 1,1,2,2-Tetrachloroethane	11.27	83	87569	20.51	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	102177	24.12	ug/l	88
77) Bromobenzene	11.26	156	84365	20.07	ug/l	99
78) n-propylbenzene	11.37	91	335394	21.30	ug/l	99
79) 2-Chlorotoluene	11.43	91	200880	20.73	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	252260	20.96	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	21792	19.29	ug/l	91
82) 4-Chlorotoluene	11.52	91	233852	20.92	ug/l	100
83) tert-Butylbenzene	11.77	119	250658	20.93	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	261264	21.12	ug/l	100
85) sec-Butylbenzene	11.95	105	306462	21.32	ug/l	99
86) p-Isopropyltoluene	12.07	119	285034	21.61	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	154973	20.63	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	156848	20.47	ug/l	99
89) n-Butylbenzene	12.40	91	224696	20.56	ug/l	99
90) Hexachloroethane	12.60	117	42268	21.29	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	156513	20.47	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	18910	20.16	ug/l	97

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX051218\
Quantitation Report (Not Reviewed)

Data File : VX001661.D
Acq On : 12 May 2018 12:43
Operator : JC/MD
Sample : VX0512WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Quant Time: May 14 05:56:40 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 2018
Response via : Initial Calibration

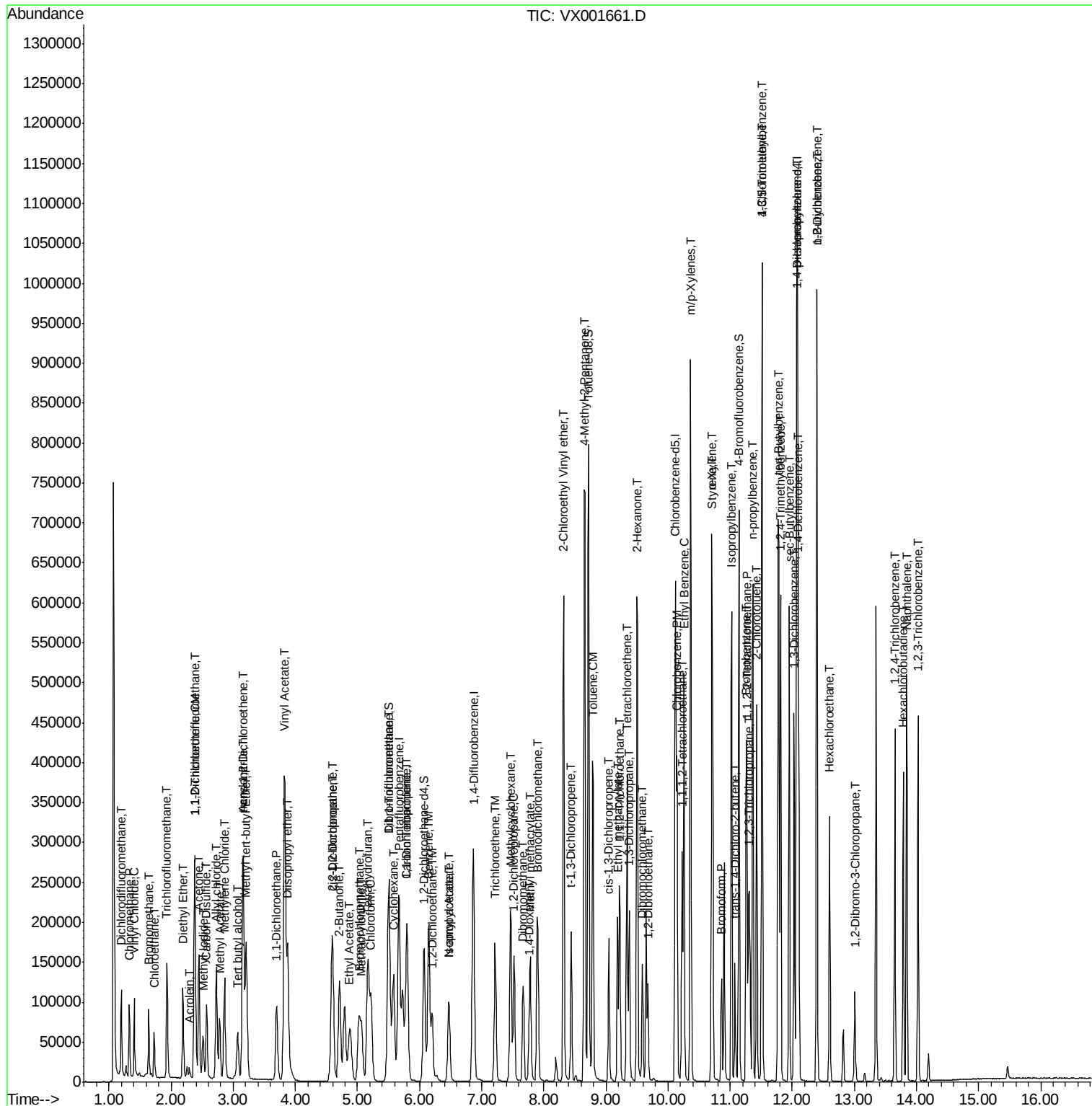
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	114642	20.49	ug/l	100
94) Hexachlorobutadiene	13.79	225	63883	20.87	ug/l	100
95) Naphthalene	13.84	128	312616	20.21	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	118765	20.69	ug/l	100

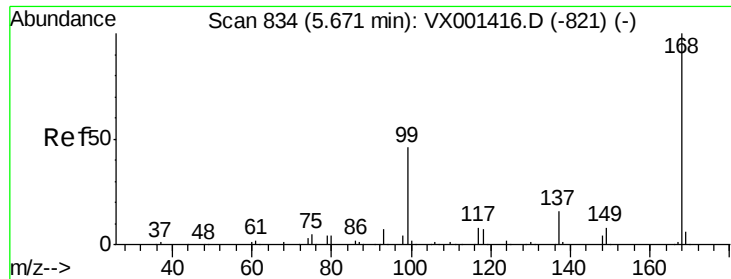
(#) = qualifier out of range (m) = manual integration (+) = signals summed

```
ALS Vial      : 4      Sample Multiplier: 1
```

VX0512WBS01

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

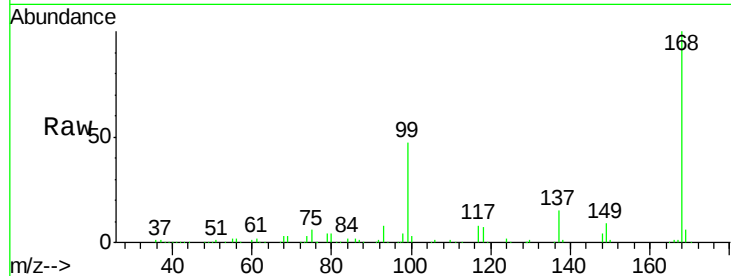
VX0512WBS01

Tgt Ion:168 Resp: 250642

Ion Ratio Lower Upper

168 100

99 47.4 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

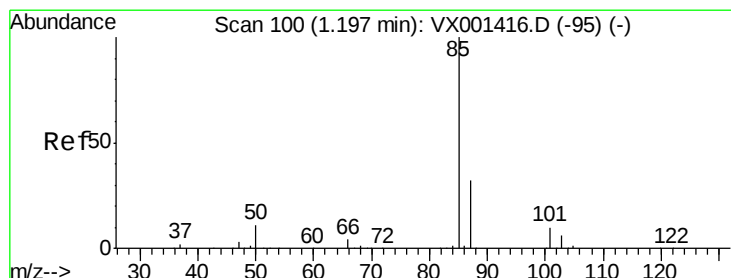
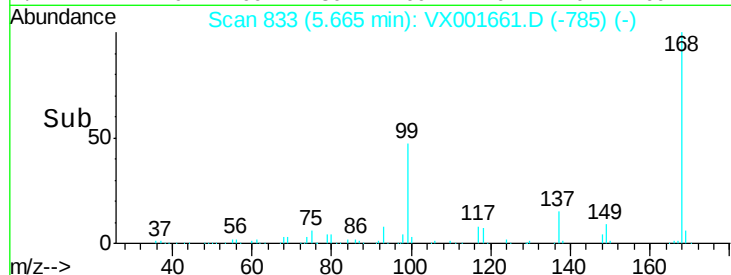
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 18.17 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001661.D

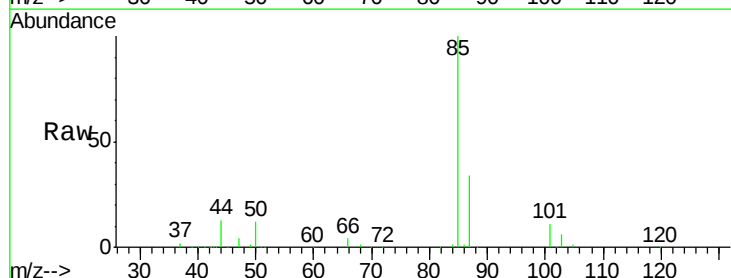
Acq: 12 May 2018 12:43

Tgt Ion: 85 Resp: 61292

Ion Ratio Lower Upper

85 100

87 33.7 16.2 48.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

60000

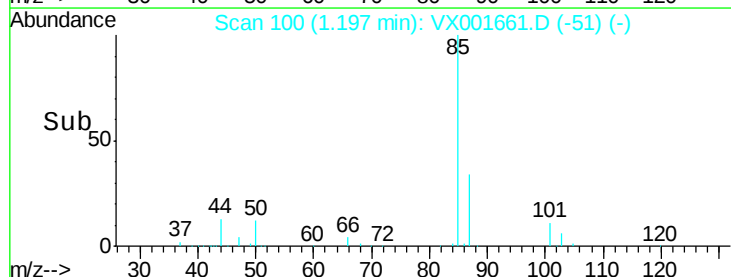
40000

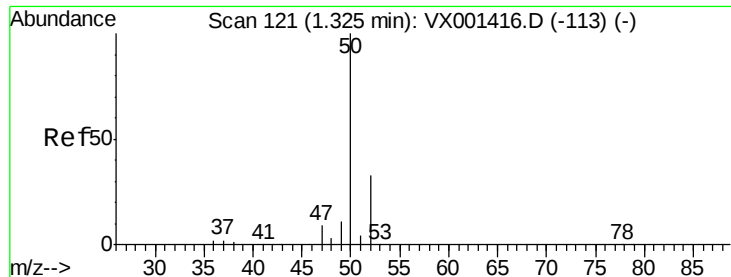
20000

0

Time-->

1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 17.73 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

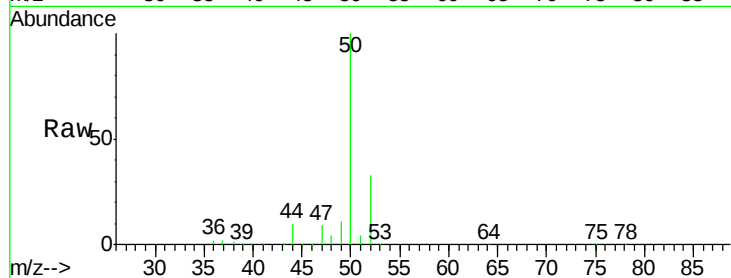
VX0512WBS01

Tgt Ion: 50 Resp: 58248

Ion Ratio Lower Upper

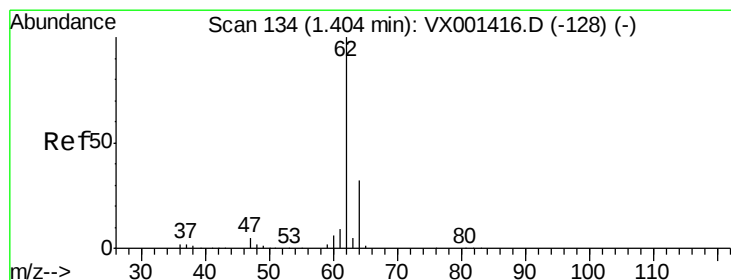
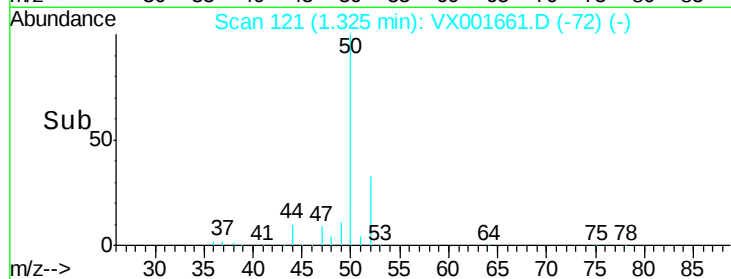
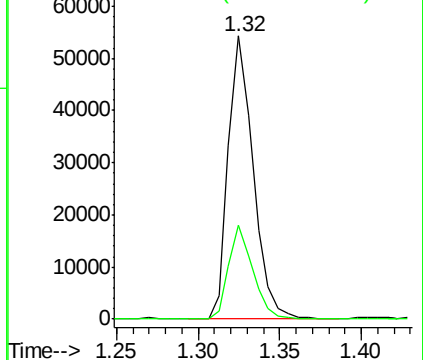
50 100

52 33.2 26.2 39.4



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0



#4

Vinyl Chloride

Concen: 18.36 ug/l

RT: 1.40 min Scan# 134

Delta R.T. 0.00 min

Lab File: VX001661.D

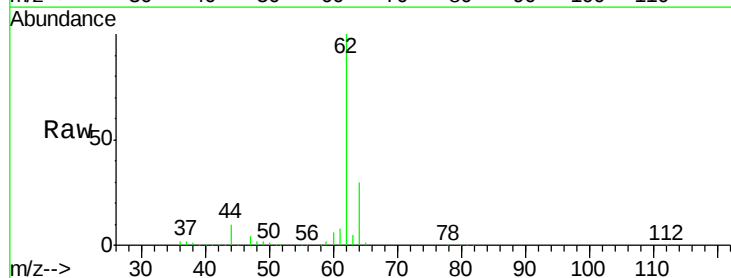
Acq: 12 May 2018 12:43

Tgt Ion: 62 Resp: 62979

Ion Ratio Lower Upper

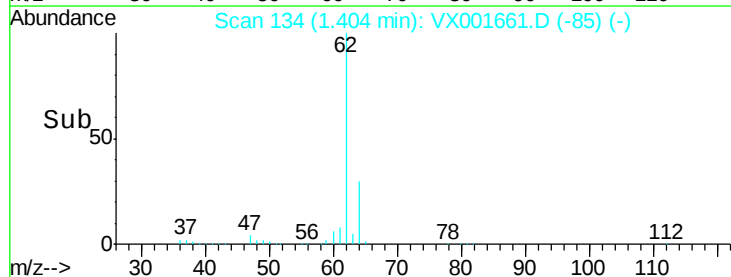
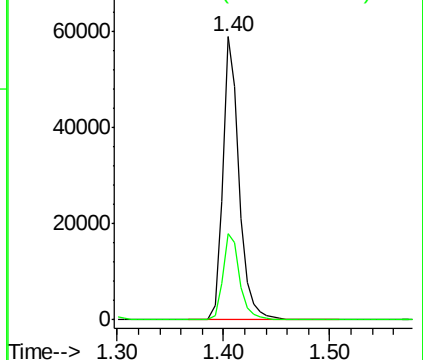
62 100

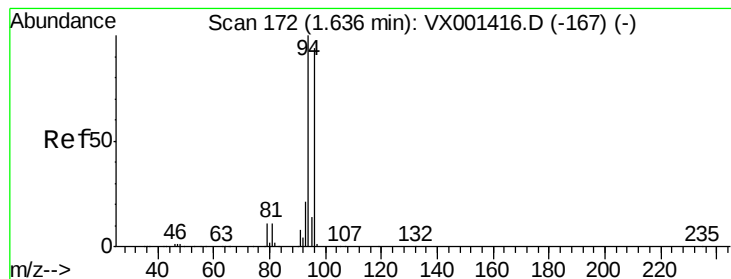
64 30.4 25.8 38.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#5

Bromomethane

Concen: 21.70 ug/l

RT: 1.64 min Scan# 172

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

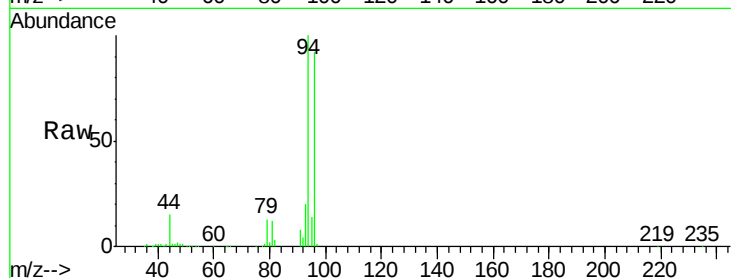
VX0512WBS01

Tgt Ion: 94 Resp: 37129

Ion Ratio Lower Upper

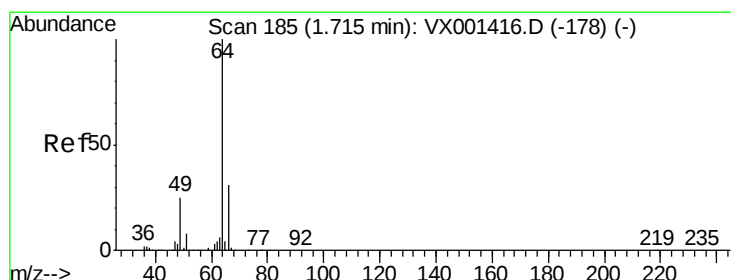
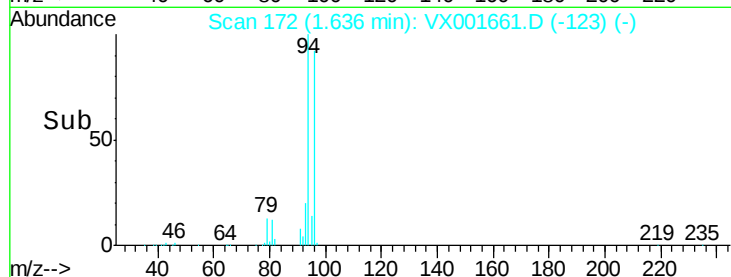
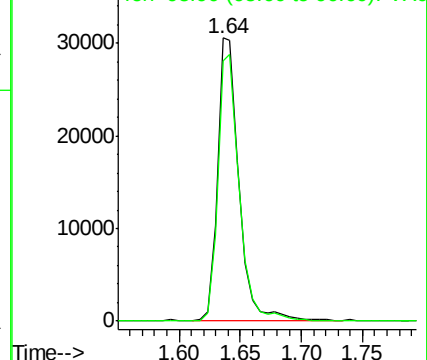
94 100

96 92.2 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 18.07 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.01 min

Lab File: VX001661.D

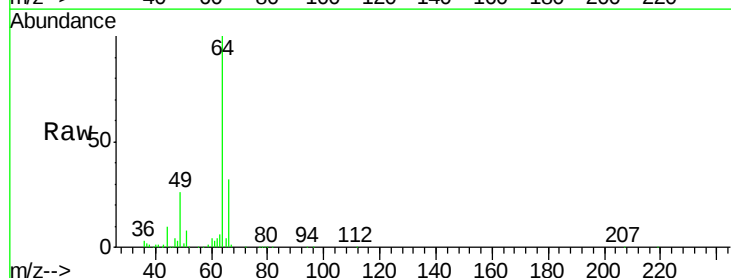
Acq: 12 May 2018 12:43

Tgt Ion: 64 Resp: 40953

Ion Ratio Lower Upper

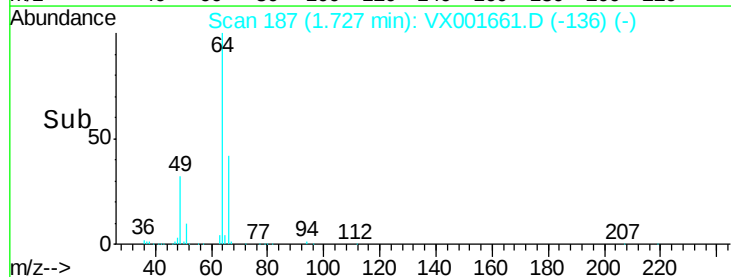
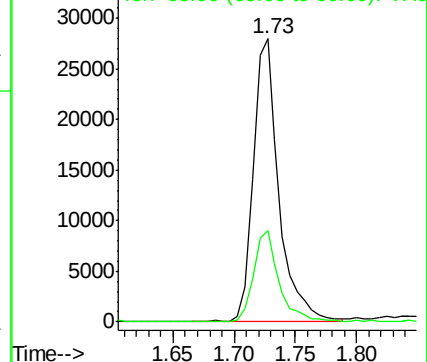
64 100

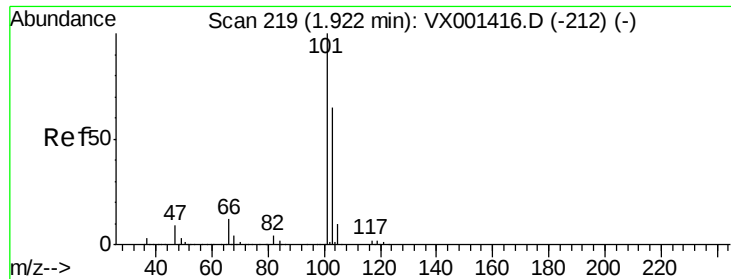
66 32.1 25.1 37.7



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



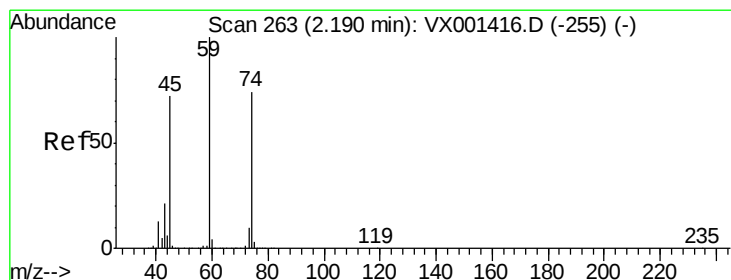
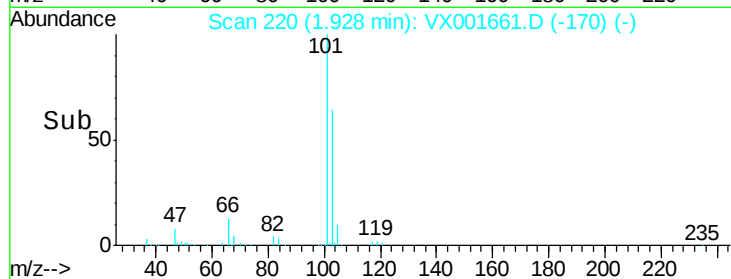
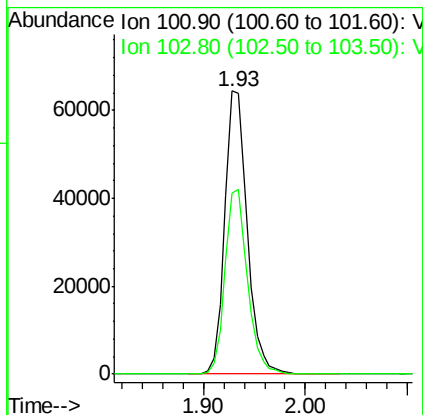
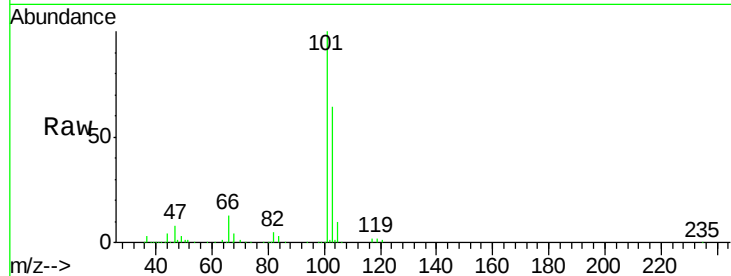


#7

Trichlorofluoromethane
 Concen: 19.05 ug/l
 RT: 1.93 min Scan# 220
 Delta R.T. 0.01 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

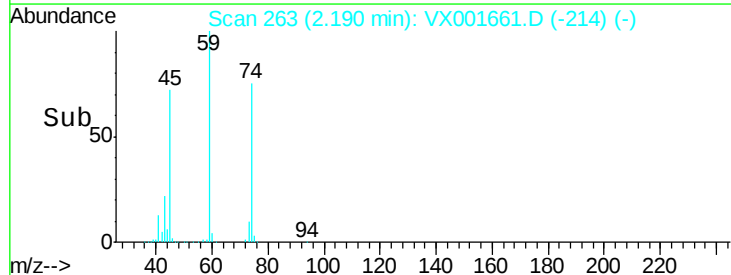
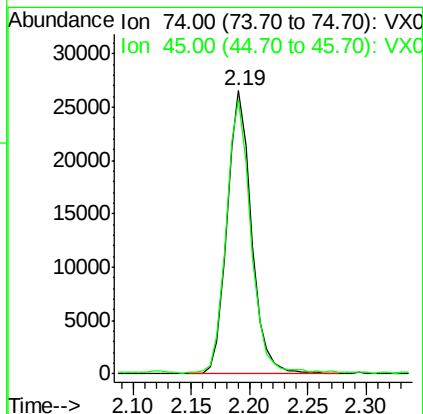
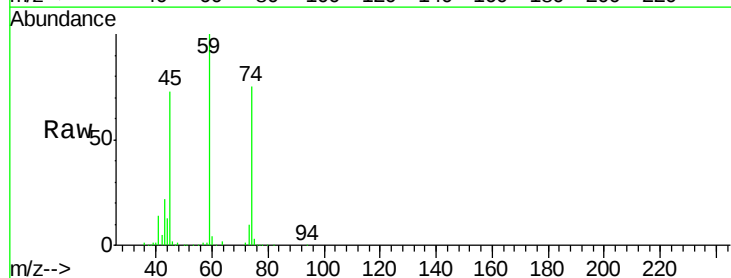
Tgt Ion:101 Resp: 98347
 Ion Ratio Lower Upper
 101 100
 103 63.8 52.0 78.0

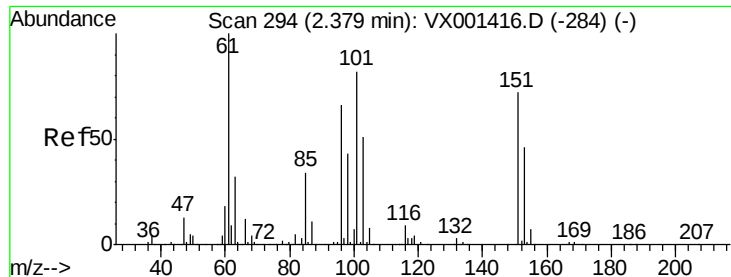


#8

Diethyl Ether
 Concen: 19.09 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion: 74 Resp: 38611
 Ion Ratio Lower Upper
 74 100
 45 96.7 47.9 143.6





#9

1,1,2-Trichlorotrifluoroethane

Concen: 19.76 ug/l

RT: 2.39 min Scan# 295

Delta R.T. 0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

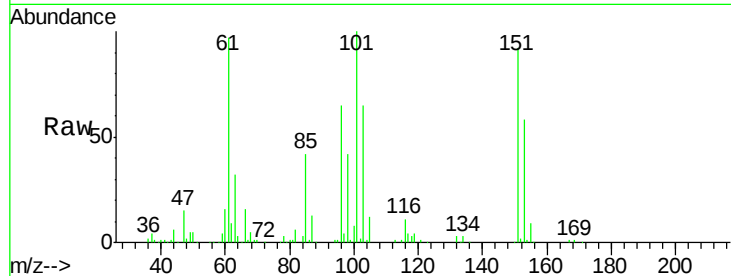
Tgt Ion:101 Resp: 59803

Ion Ratio Lower Upper

101 100

85 42.2 33.7 50.5

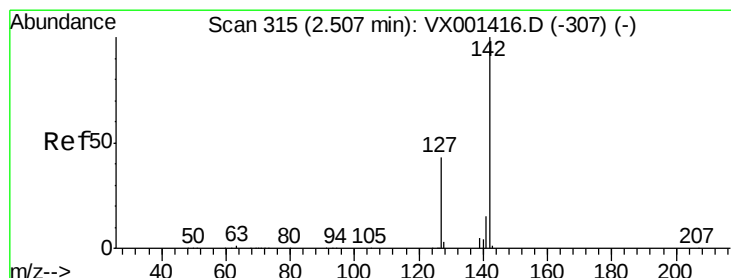
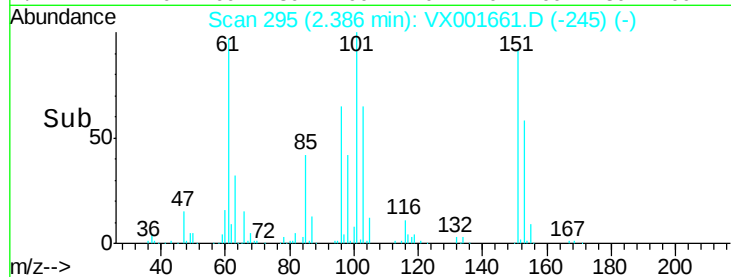
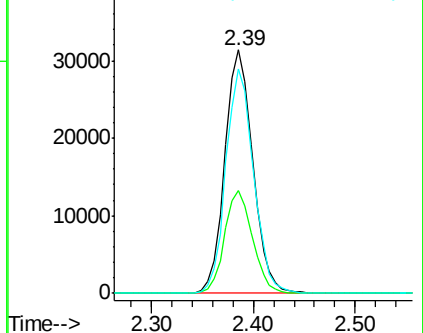
151 90.9 72.3 108.5



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): V

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 12.56 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

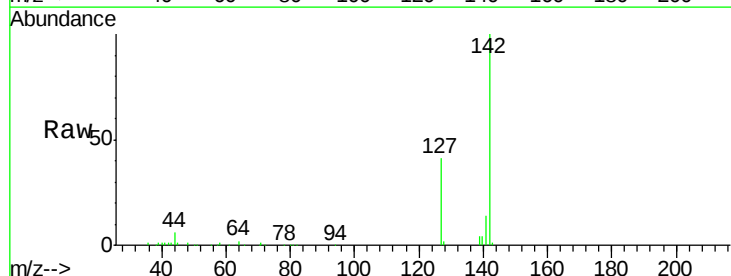
Tgt Ion:142 Resp: 54817

Ion Ratio Lower Upper

142 100

127 42.3 33.6 50.4

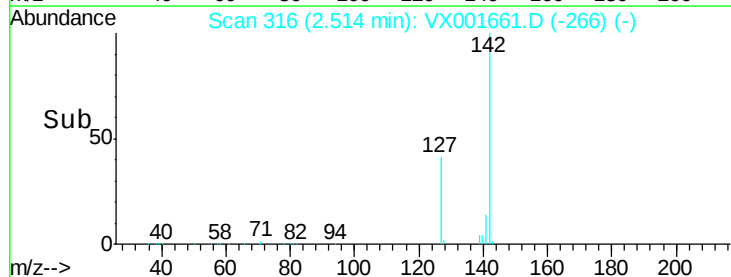
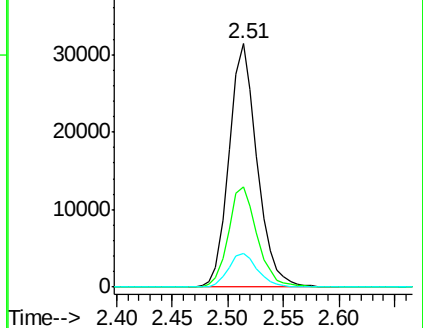
141 14.2 11.4 17.2

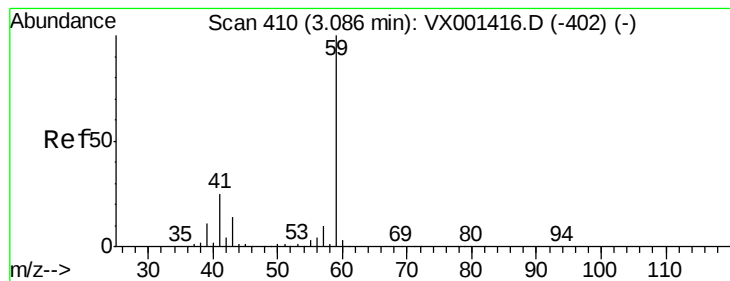


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V





#11

Tert butyl alcohol

Concen: 95.00 ug/l

RT: 3.07 min Scan# 407

Delta R.T. -0.02 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

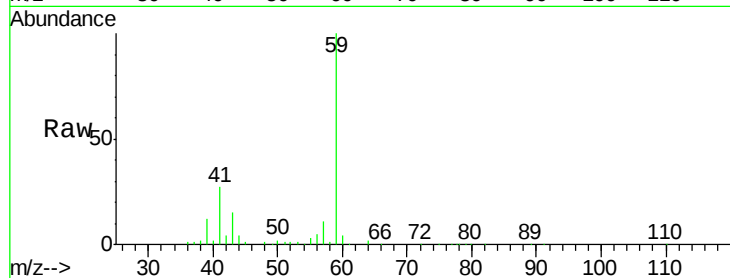
VX0512WBS01

Tgt Ion: 59 Resp: 72156

Ion Ratio Lower Upper

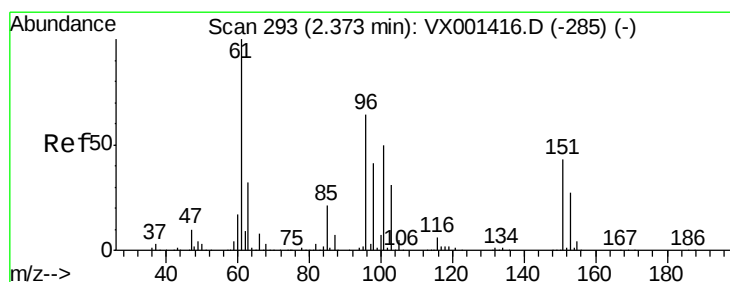
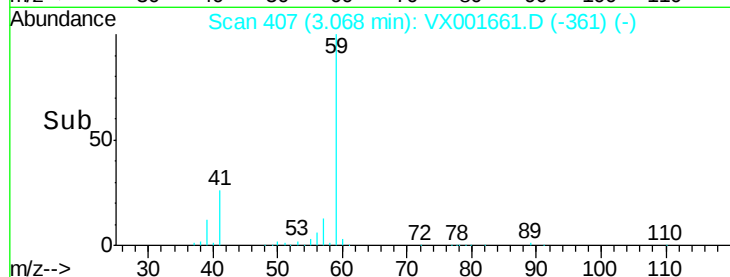
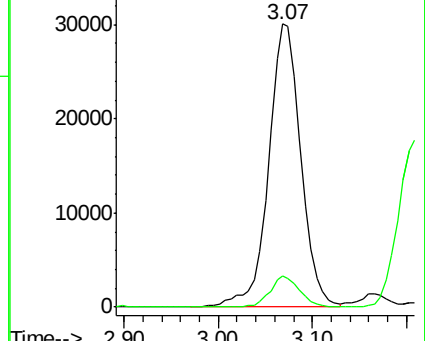
59 100

57 10.4 8.2 12.4



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0



#12

1,1-Dichloroethene

Concen: 18.58 ug/l

RT: 2.37 min Scan# 293

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

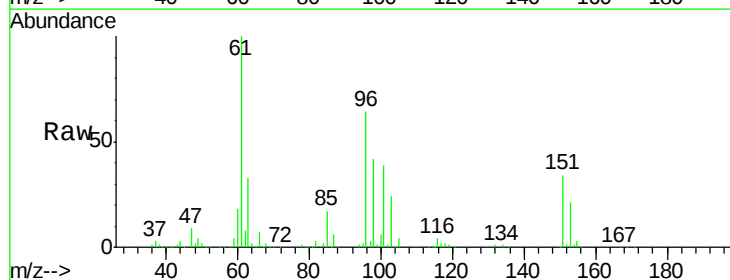
Tgt Ion: 96 Resp: 51539

Ion Ratio Lower Upper

96 100

61 157.2 125.7 188.5

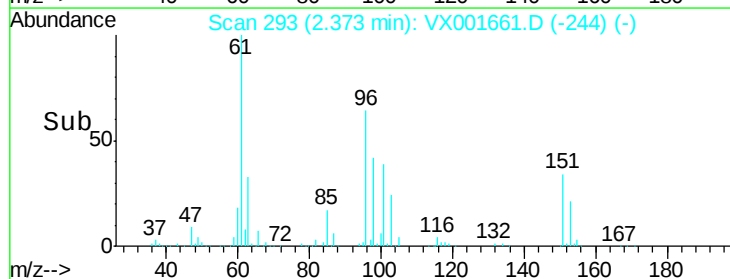
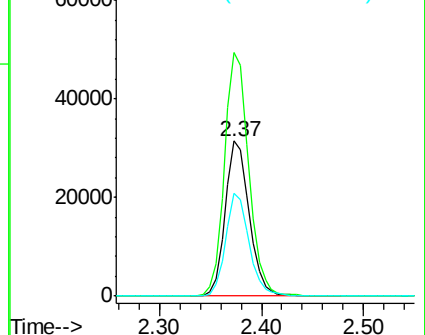
98 66.7 52.0 78.0

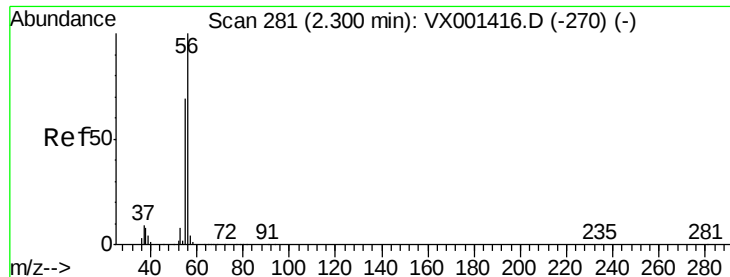


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#13

Acrolein

Concen: 52.92 ug/l

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

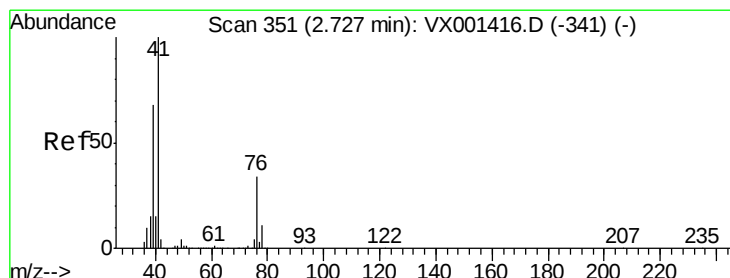
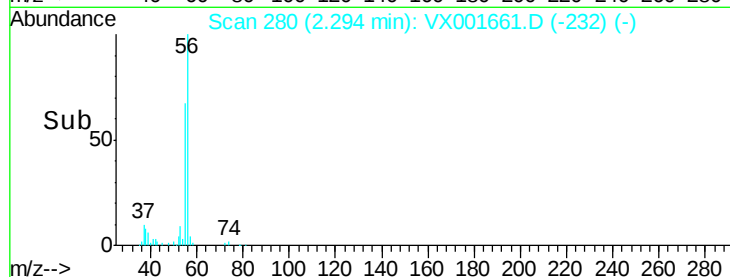
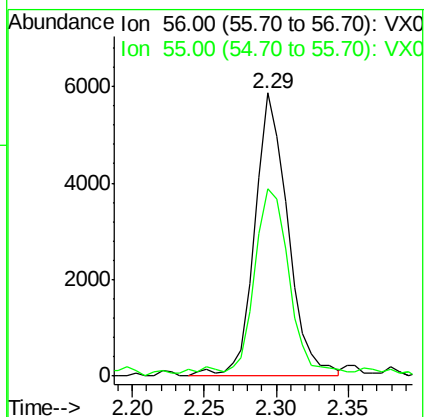
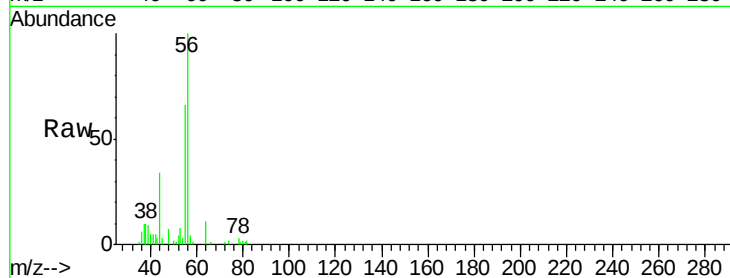
VX0512WBS01

Tgt Ion: 56 Resp: 9302

Ion Ratio Lower Upper

56 100

55 67.9 54.5 81.7



#14

Allyl chloride

Concen: 18.93 ug/l

RT: 2.73 min Scan# 351

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

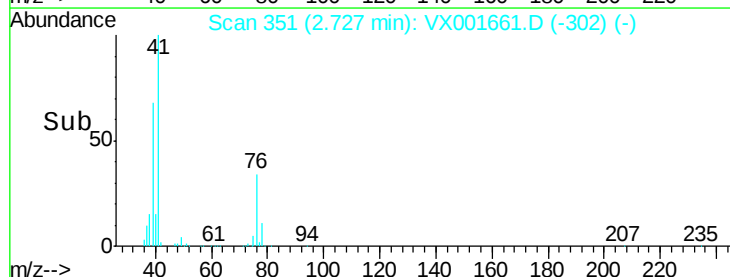
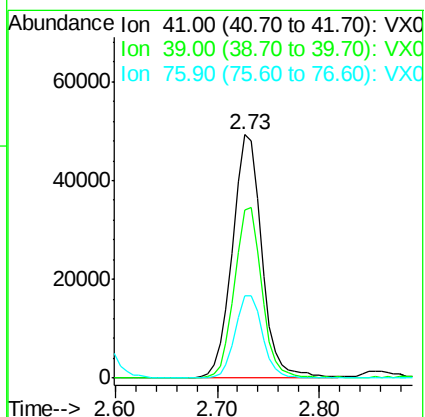
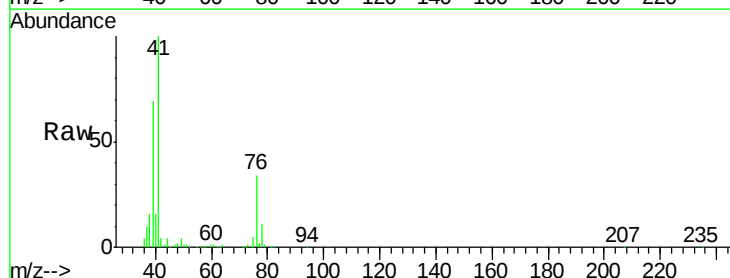
Tgt Ion: 41 Resp: 97918

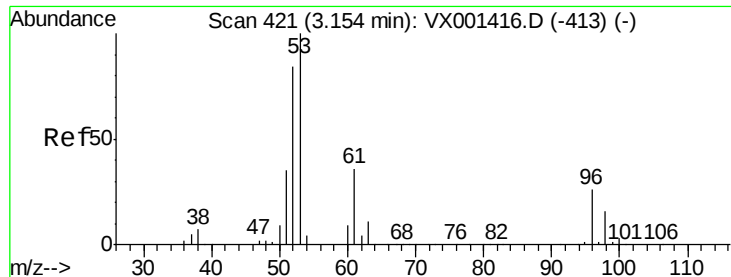
Ion Ratio Lower Upper

41 100

39 65.3 52.4 78.6

76 32.0 25.8 38.6





#15

Acrylonitrile

Concen: 92.97 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampled :

VX0512WBS01

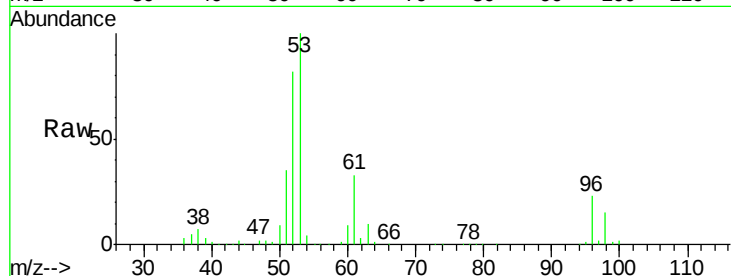
Tgt Ion: 53 Resp: 159569

Ion Ratio Lower Upper

53 100

52 84.1 66.2 99.2

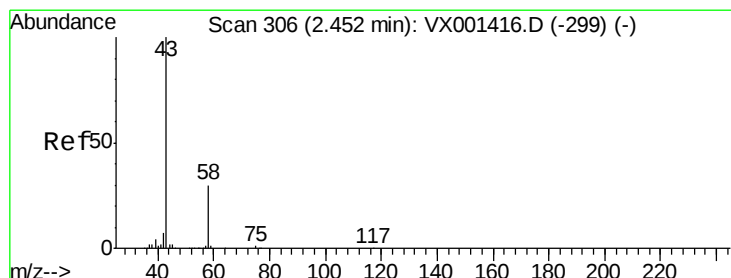
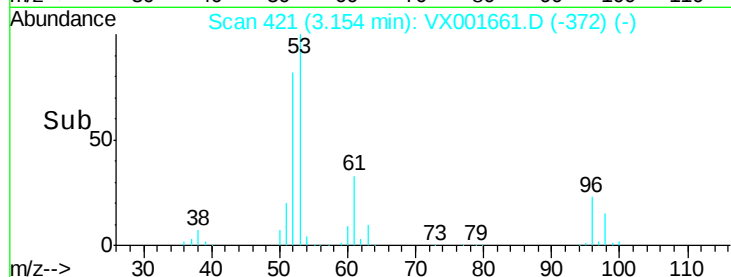
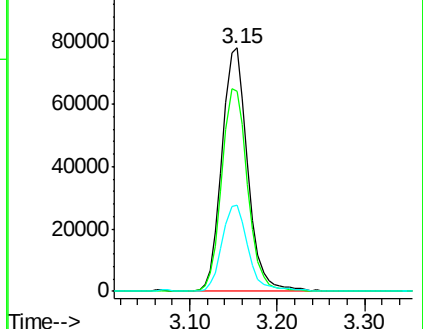
51 36.0 28.6 43.0



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: 97.89 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001661.D

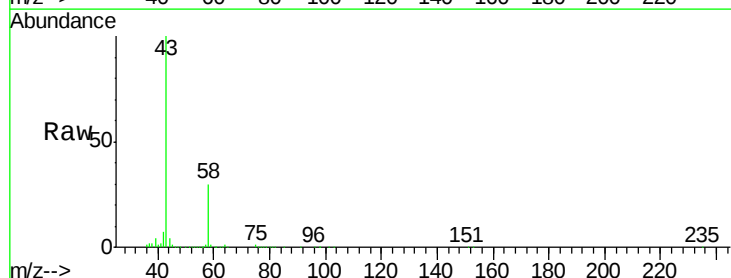
Acq: 12 May 2018 12:43

Tgt Ion: 43 Resp: 160130

Ion Ratio Lower Upper

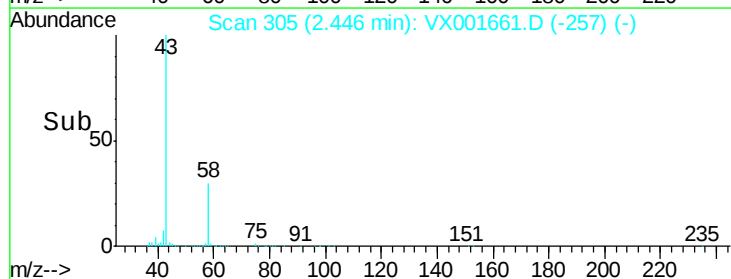
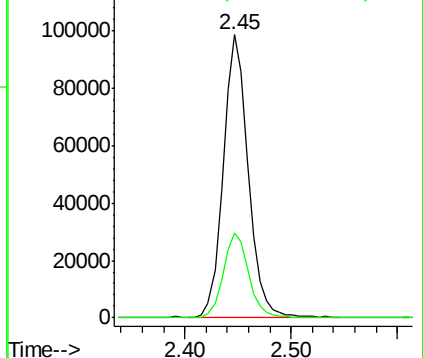
43 100

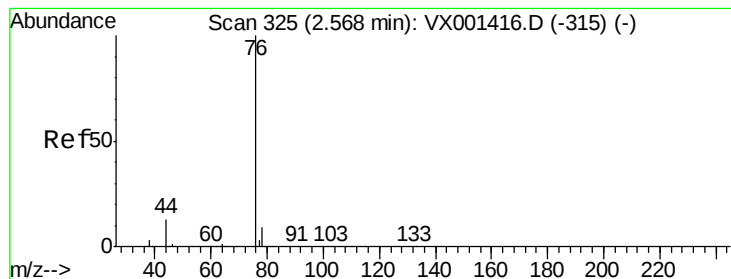
58 29.9 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 16.48 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

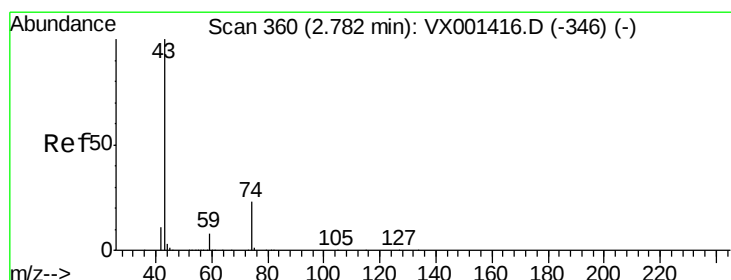
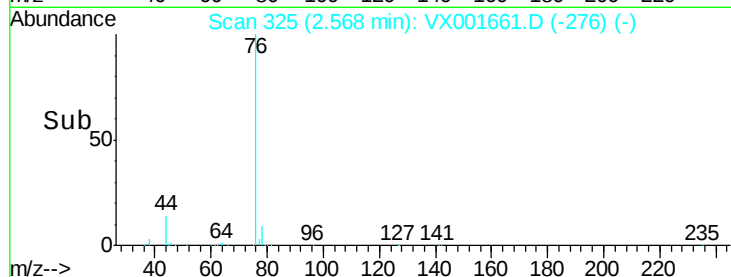
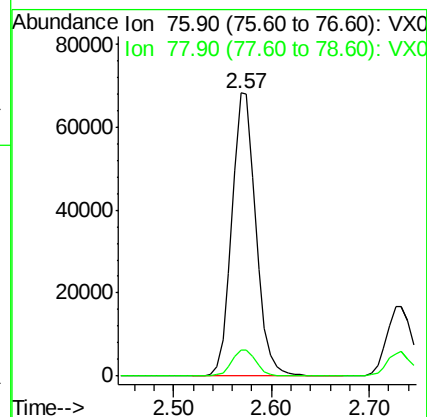
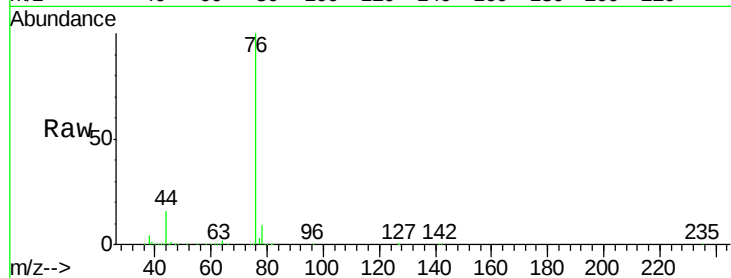
VX0512WBS01

Tgt Ion: 76 Resp: 116302

Ion Ratio Lower Upper

76 100

78 9.3 7.4 11.2



#18

Methyl Acetate

Concen: 20.95 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001661.D

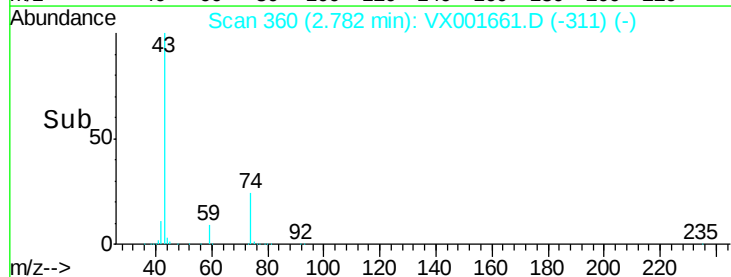
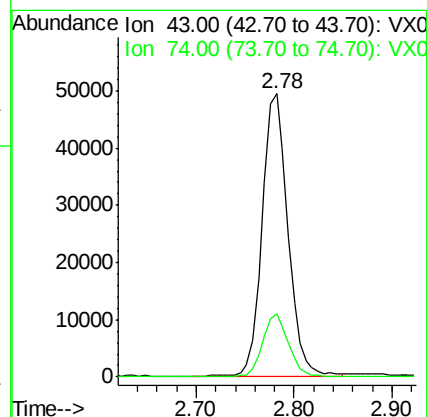
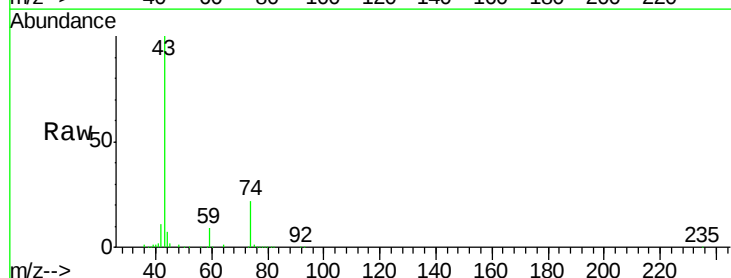
Acq: 12 May 2018 12:43

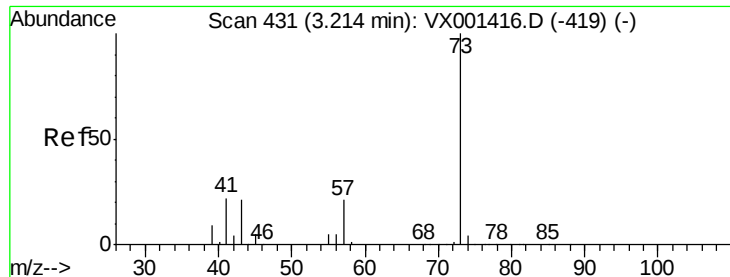
Tgt Ion: 43 Resp: 90032

Ion Ratio Lower Upper

43 100

74 22.9 18.6 27.8

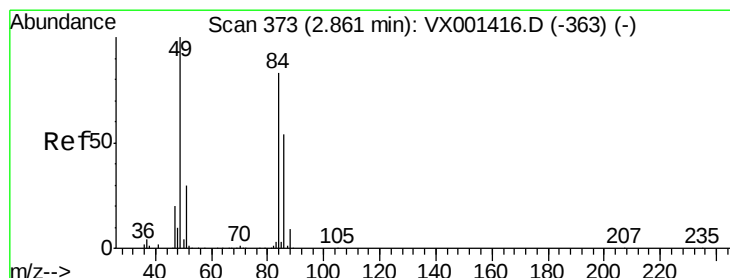
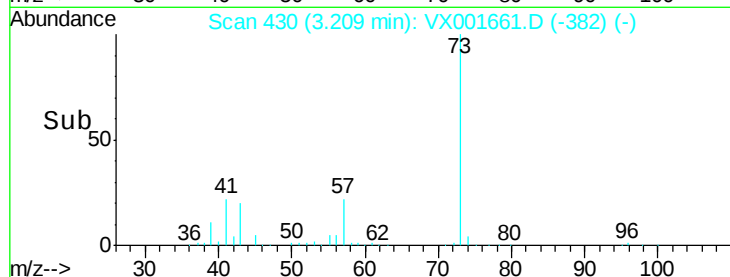
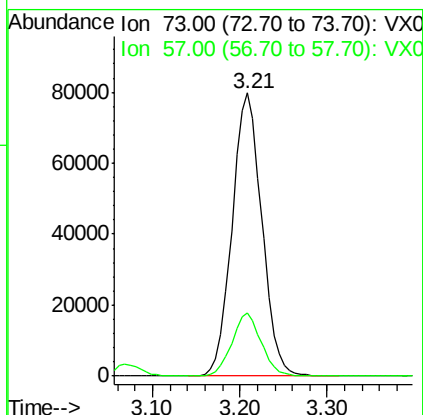
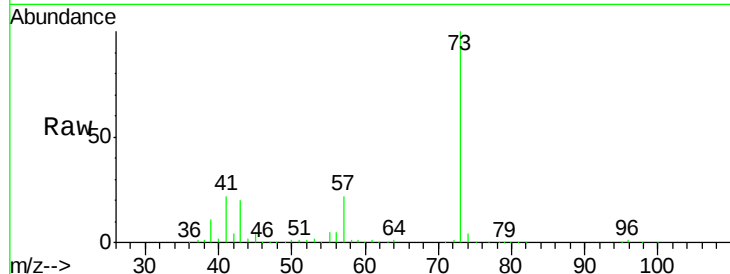




#19
Methyl tert-butyl Ether
Concen: 19.52 ug/l
RT: 3.21 min Scan# 430
Delta R.T. -0.01 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

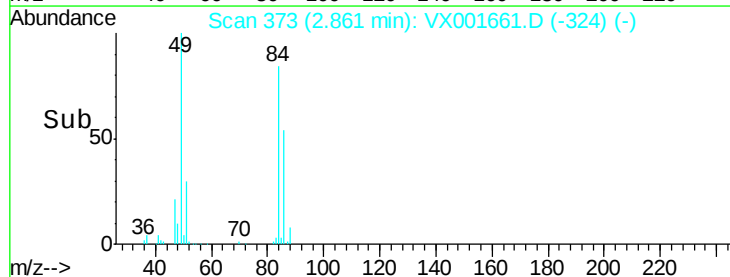
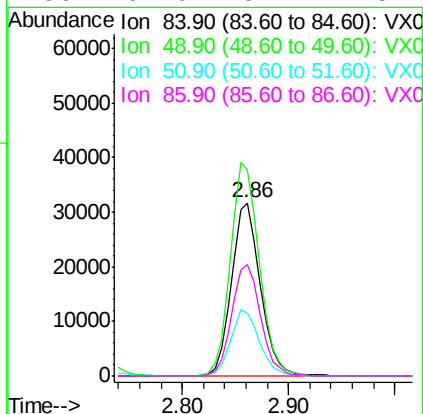
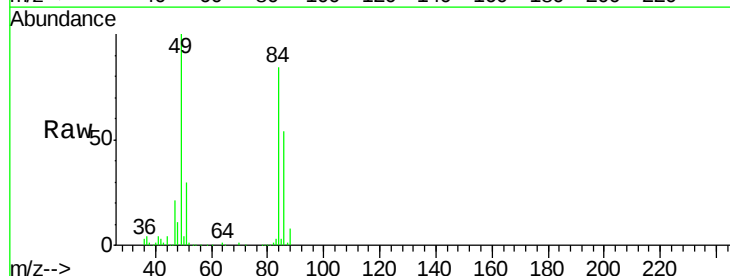
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

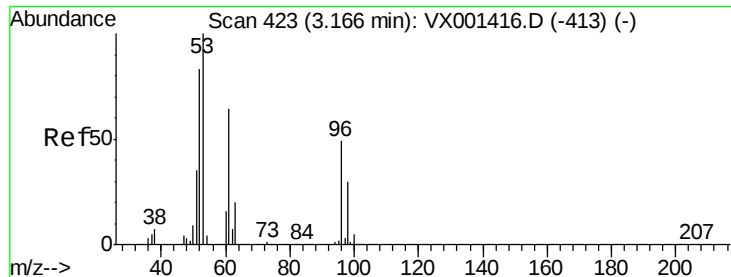
Tgt Ion: 73 Resp: 188528
Ion Ratio Lower Upper
73 100
57 22.3 17.0 25.6



#20
Methylene Chloride
Concen: 18.62 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Tgt Ion: 84 Resp: 60312
Ion Ratio Lower Upper
84 100
49 119.2 96.6 144.8
51 35.8 29.0 43.4
86 64.0 52.2 78.4





#21

trans-1,2-Dichloroethene

Concen: 17.80 ug/l

RT: 3.17 min Scan# 423

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

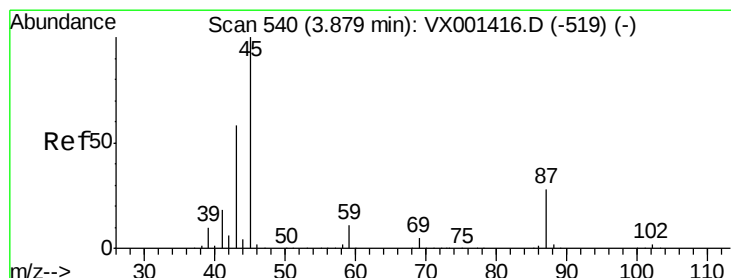
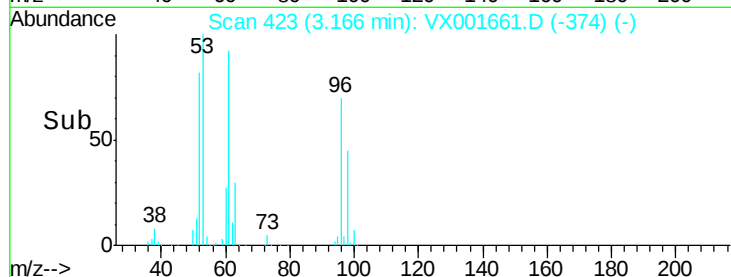
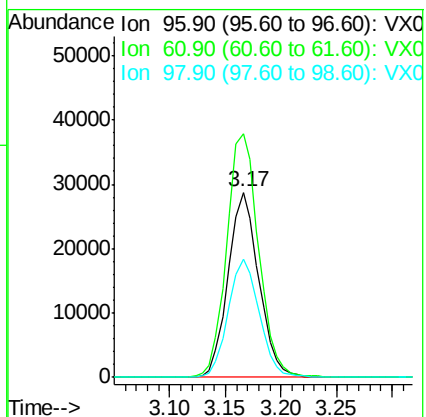
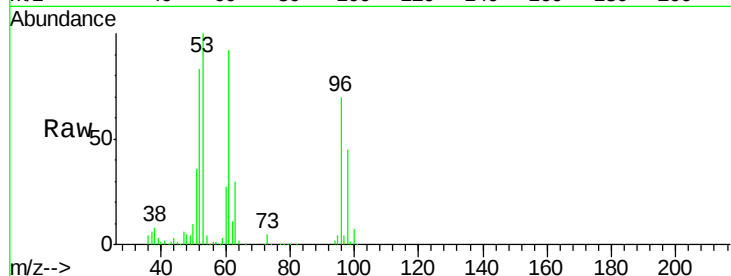
Tgt Ion: 96 Resp: 55102

Ion Ratio Lower Upper

96 100

61 131.1 105.0 157.4

98 64.0 49.9 74.9



#22

Diisopropyl ether

Concen: 19.12 ug/l

RT: 3.87 min Scan# 539

Delta R.T. -0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Tgt Ion: 45 Resp: 184701

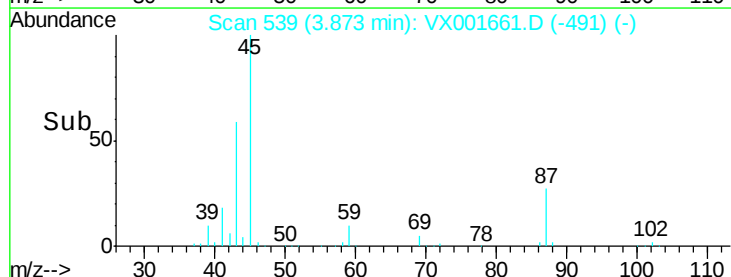
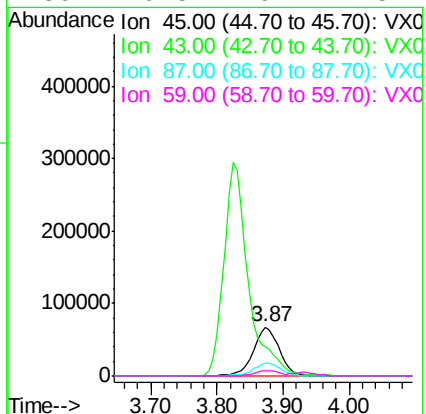
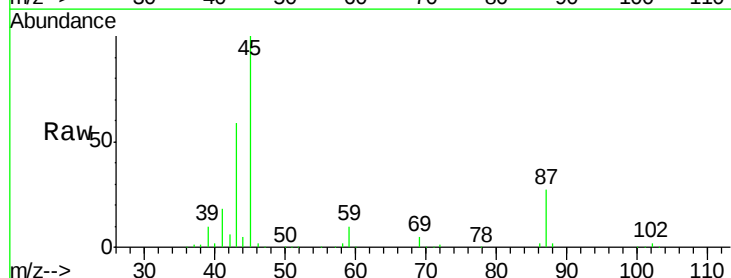
Ion Ratio Lower Upper

45 100

43 59.0 46.5 69.7

87 26.6 22.6 34.0

59 10.5 9.1 13.7





#23

Vinyl Acetate

Concen: 94.85 ug/l

RT: 3.82 min Scan# 531

Delta R.T. -0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

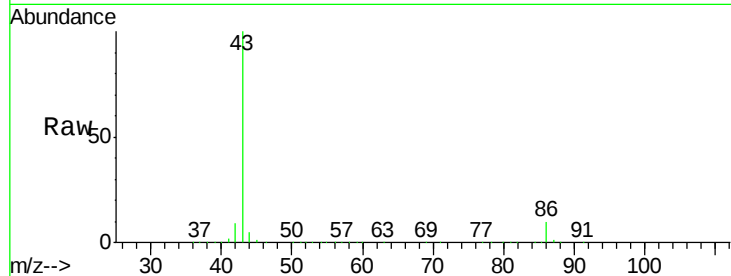
VX0512WBS01

Tgt Ion: 43 Resp: 763779

Ion Ratio Lower Upper

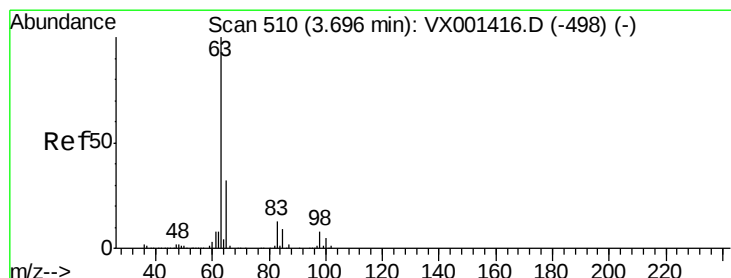
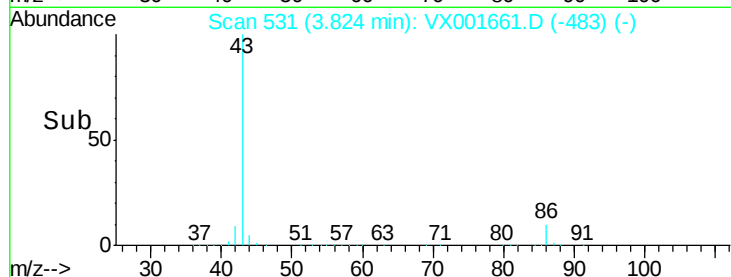
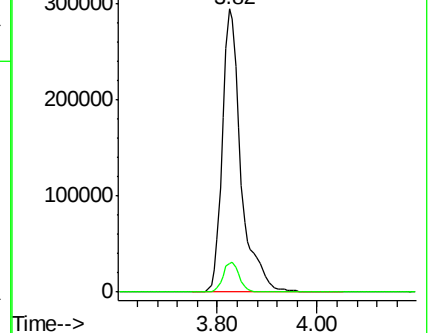
43 100

86 10.2 8.6 13.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0



#24

1,1-Dichloroethane

Concen: 19.69 ug/l

RT: 3.70 min Scan# 510

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

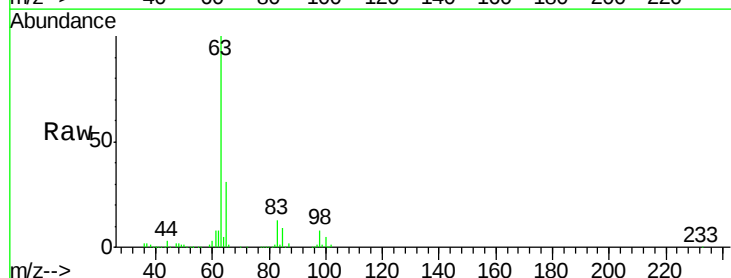
Tgt Ion: 63 Resp: 106258

Ion Ratio Lower Upper

63 100

98 7.5 3.8 11.4

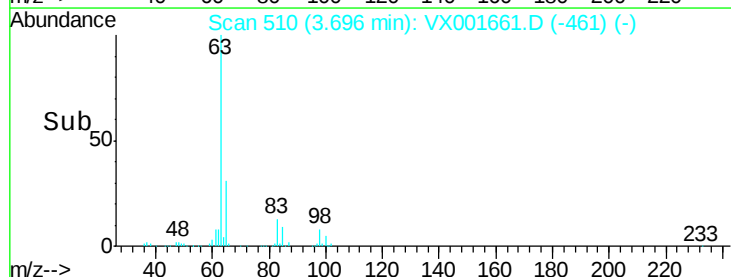
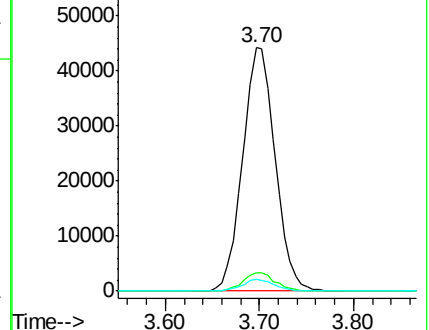
100 4.8 2.4 7.1

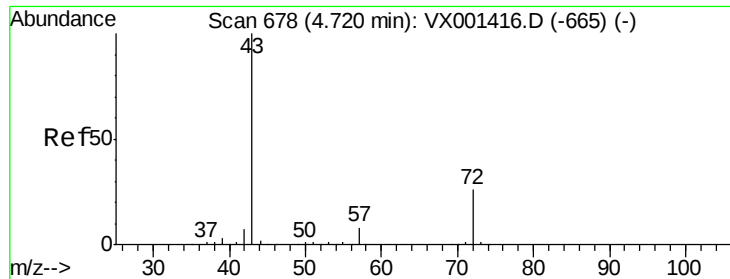


Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0





#25

2-Butanone

Concen: 95.10 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampled :

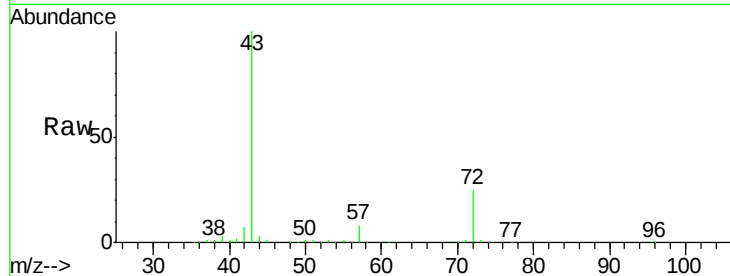
VX0512WBS01

Tgt Ion: 43 Resp: 224884

Ion Ratio Lower Upper

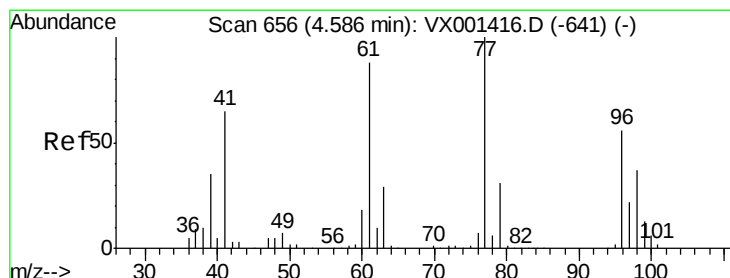
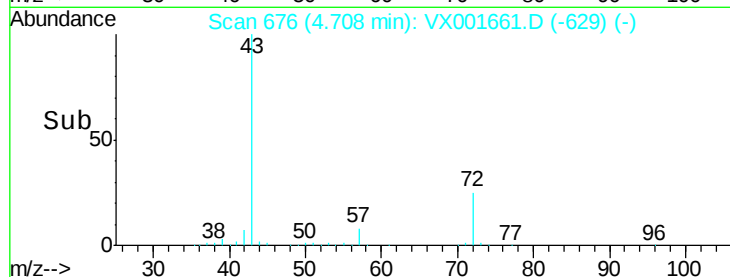
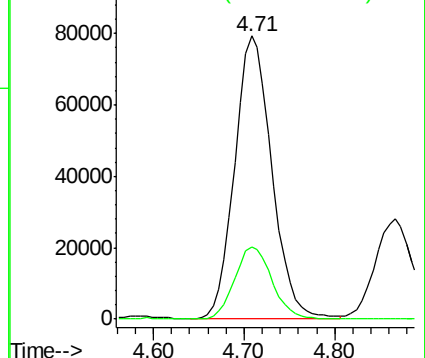
43 100

72 25.3 20.7 31.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 72.00 (71.70 to 72.70): VX0



#26

2,2-Dichloropropane

Concen: 20.88 ug/l

RT: 4.59 min Scan# 656

Delta R.T. 0.00 min

Lab File: VX001661.D

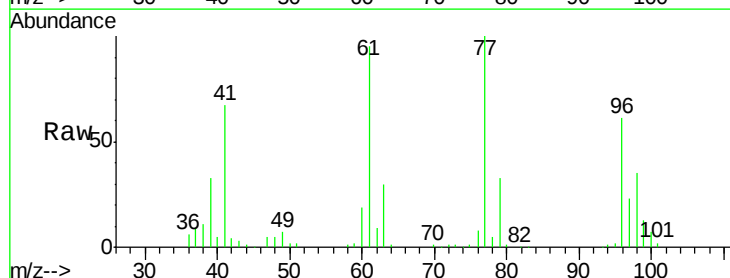
Acq: 12 May 2018 12:43

Tgt Ion: 77 Resp: 87013

Ion Ratio Lower Upper

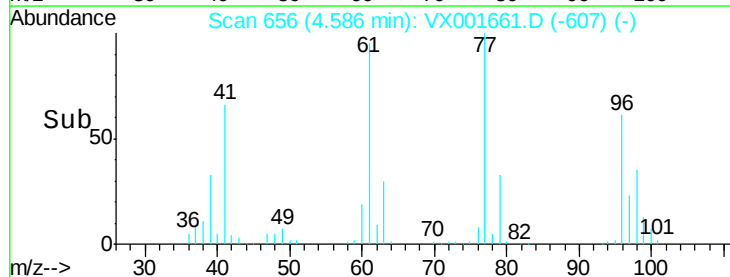
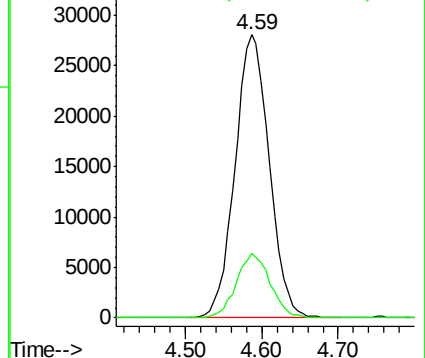
77 100

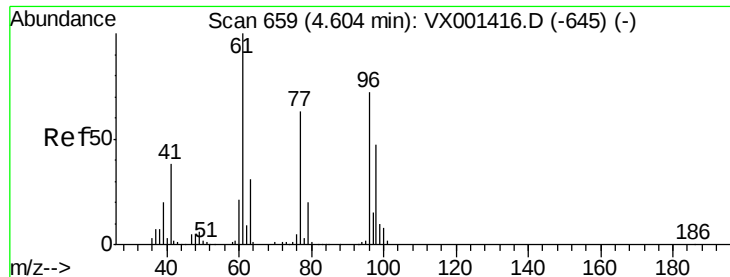
97 22.7 11.2 33.6



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: 19.55 ug/l

RT: 4.60 min Scan# 658

Delta R.T. -0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

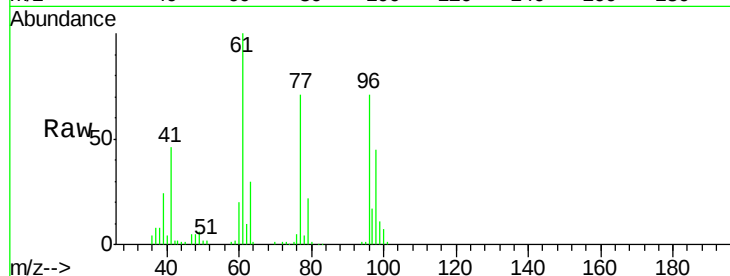
Tgt Ion: 96 Resp: 64438

Ion Ratio Lower Upper

96 100

61 148.3 0.0 301.6

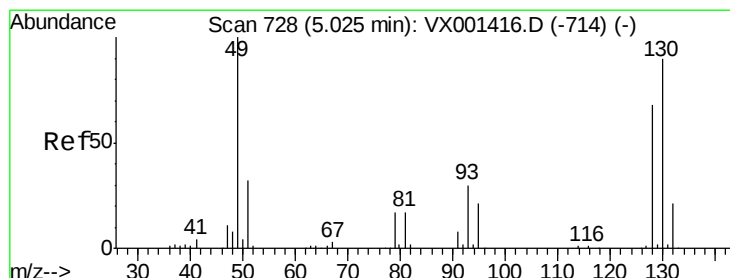
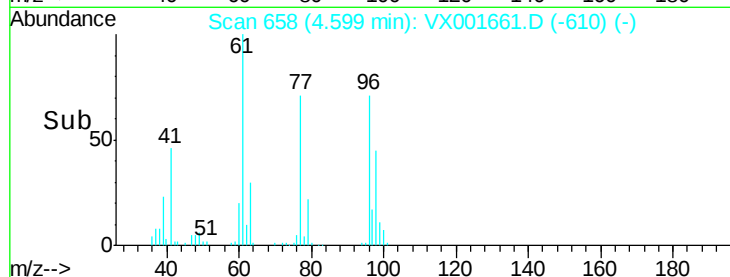
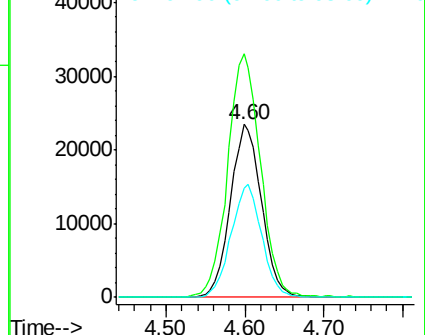
98 64.5 0.0 131.6



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#28

Bromochloromethane

Concen: 21.20 ug/l

RT: 5.03 min Scan# 728

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

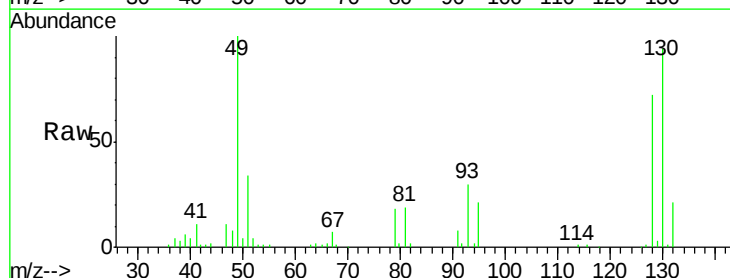
Tgt Ion: 49 Resp: 49597

Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.8

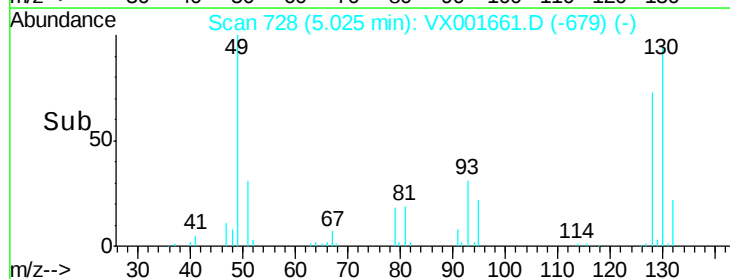
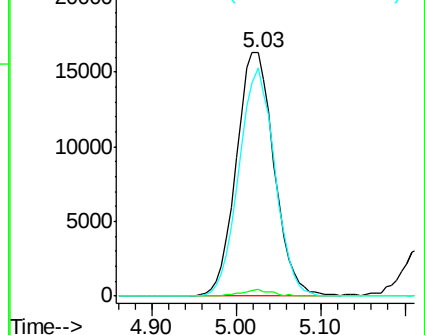
130 88.7 71.9 107.9

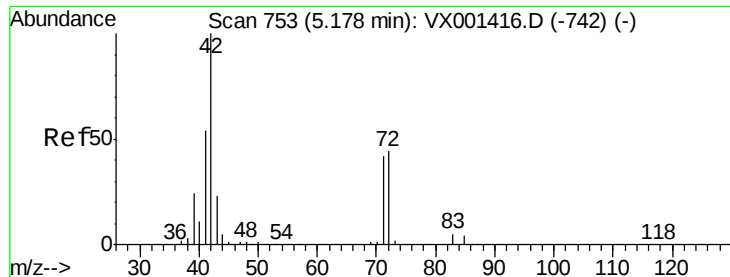


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 90.79 ug/l

RT: 5.17 min Scan# 751

Delta R.T. -0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

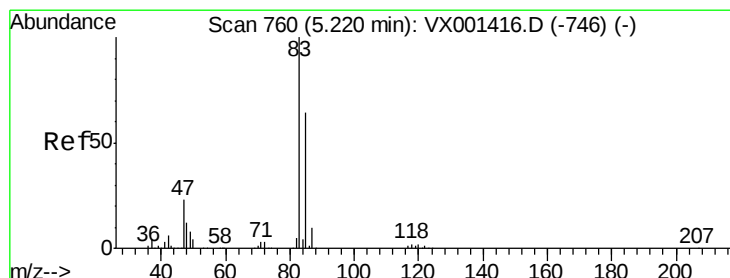
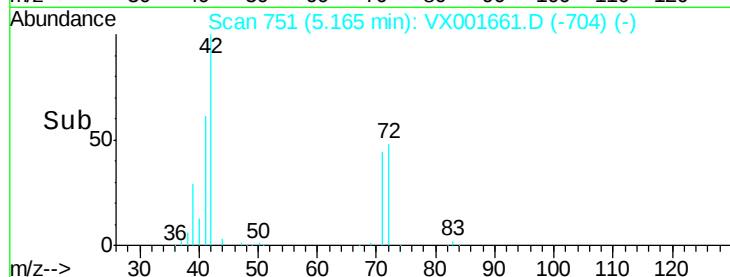
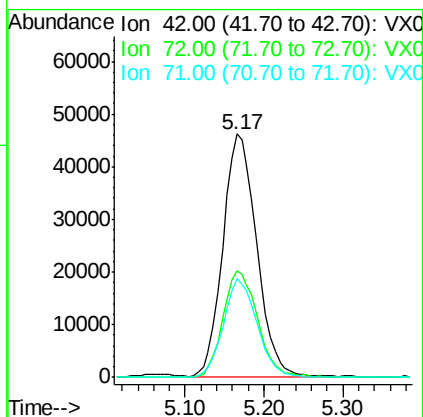
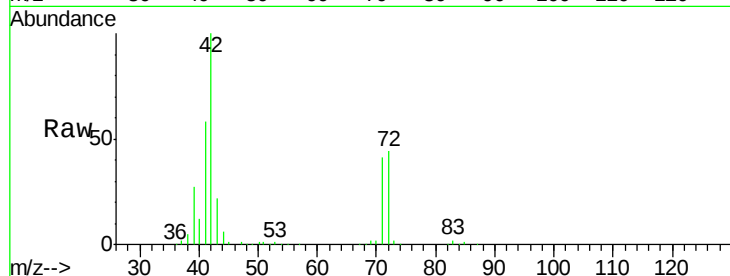
Tgt Ion: 42 Resp: 137360

Ion Ratio Lower Upper

42 100

72 45.2 35.4 53.2

71 40.6 33.0 49.4



#30

Chloroform

Concen: 20.41 ug/l

RT: 5.22 min Scan# 760

Delta R.T. 0.00 min

Lab File: VX001661.D

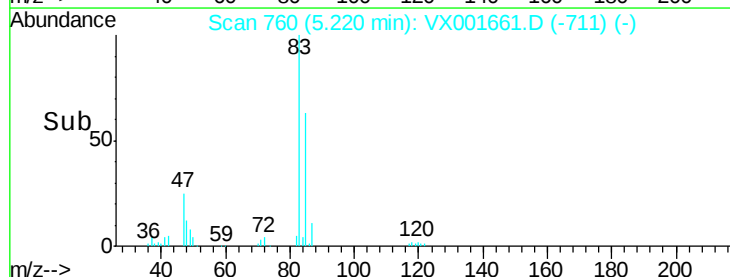
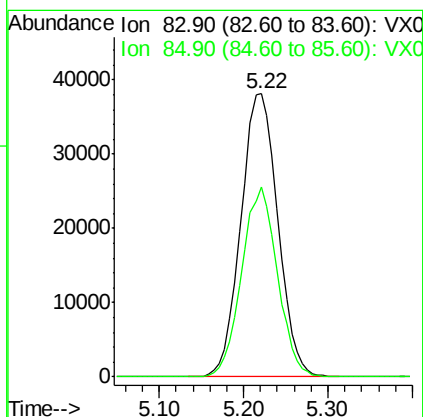
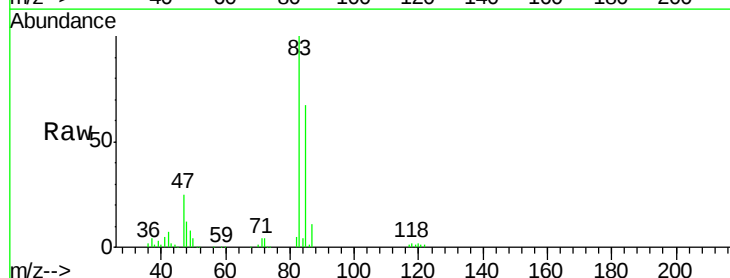
Acq: 12 May 2018 12:43

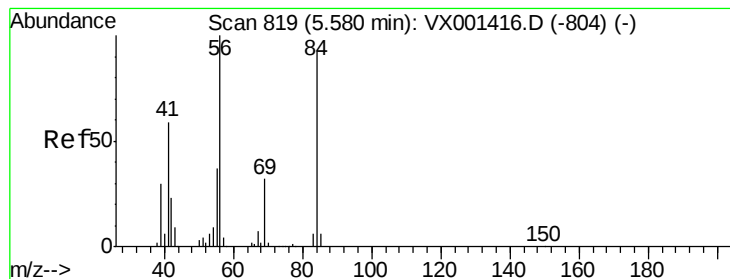
Tgt Ion: 83 Resp: 113482

Ion Ratio Lower Upper

83 100

85 67.2 51.0 76.4





#31

Cyclohexane

Concen: 18.75 ug/l

RT: 5.58 min Scan# 819

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

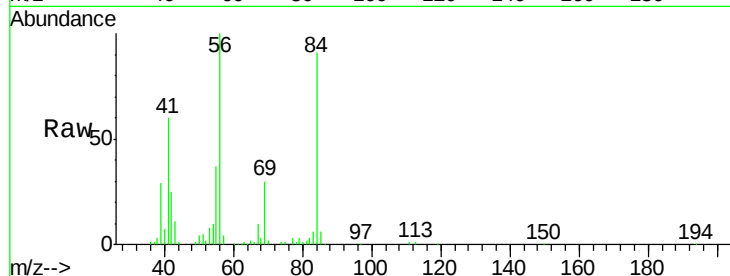
Tgt Ion: 56 Resp: 86925

Ion Ratio Lower Upper

56 100

69 30.2 25.4 38.0

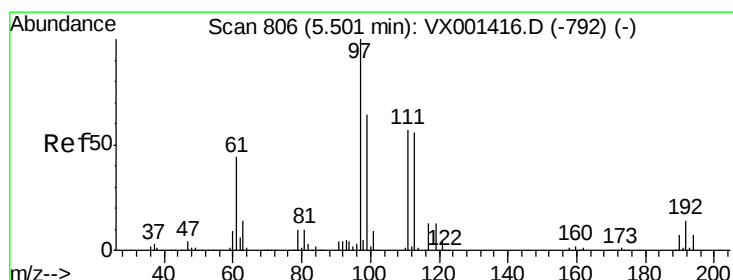
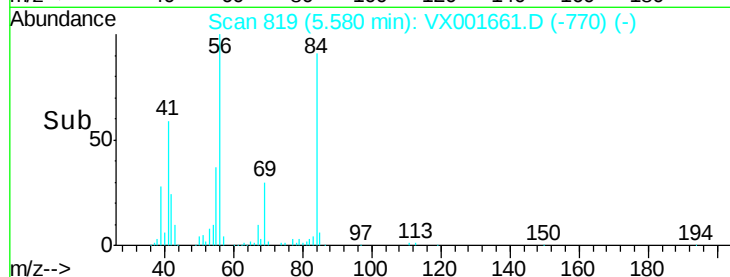
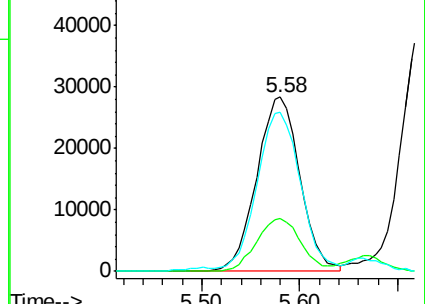
84 89.6 73.8 110.8



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: 20.12 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

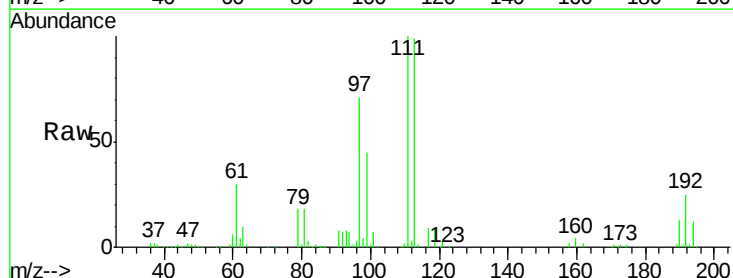
Tgt Ion: 97 Resp: 97771

Ion Ratio Lower Upper

97 100

99 65.4 51.3 76.9

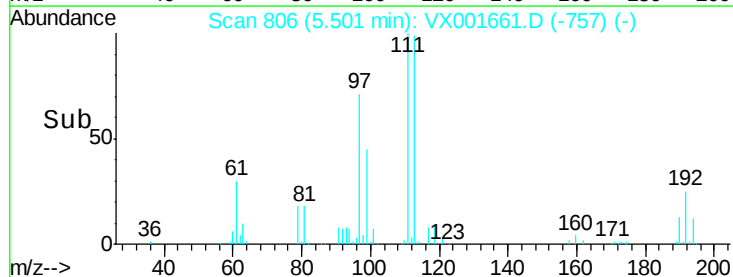
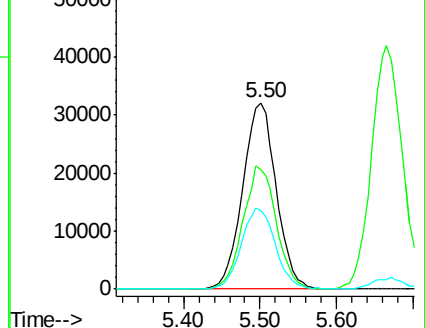
61 44.1 34.8 52.2

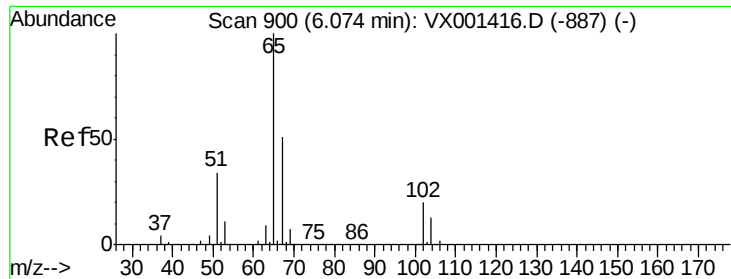


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

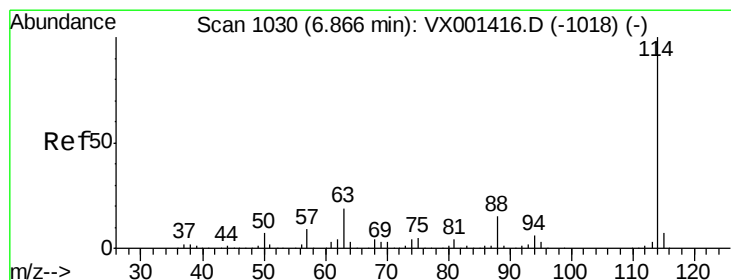
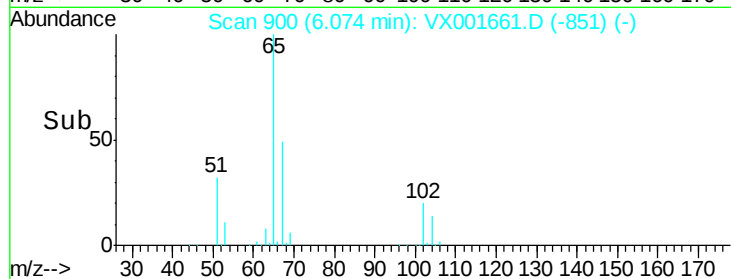
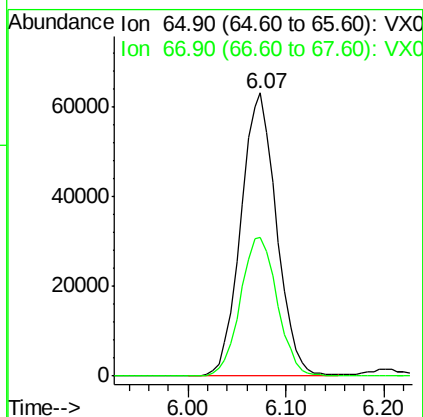
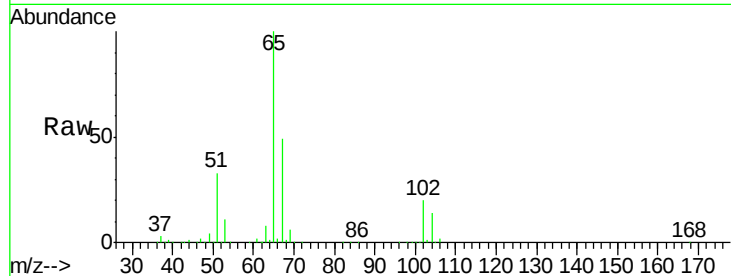




#33
 1,2-Dichloroethane-d4
 Concen: 44.39 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

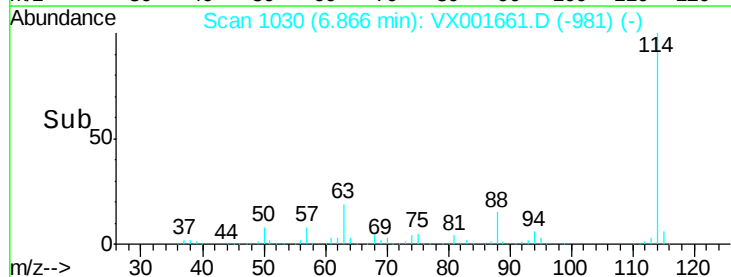
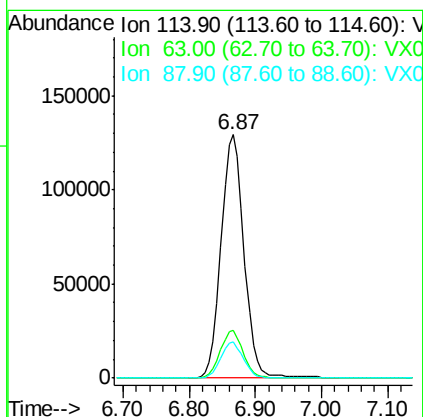
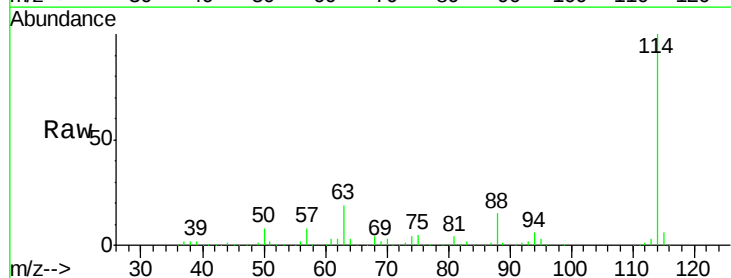
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

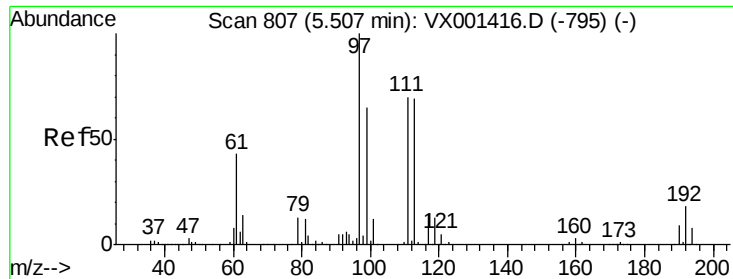
Tgt Ion: 65 Resp: 159919
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion: 114 Resp: 310700
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 14.7 0.0 30.8

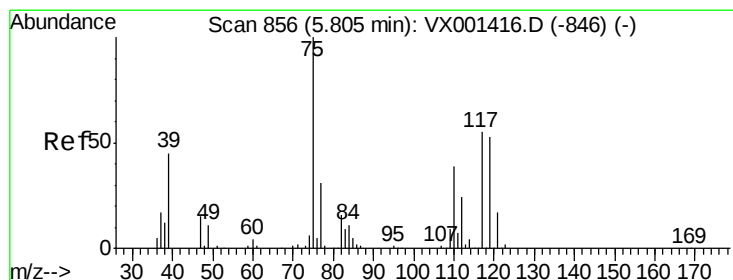
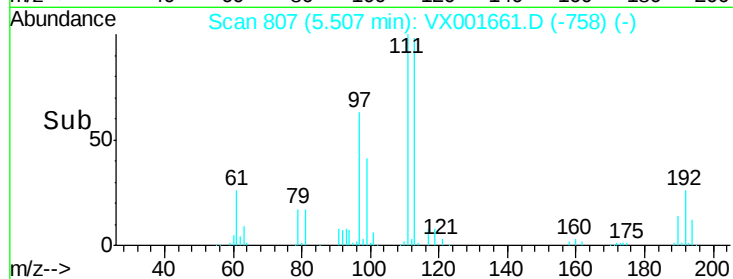
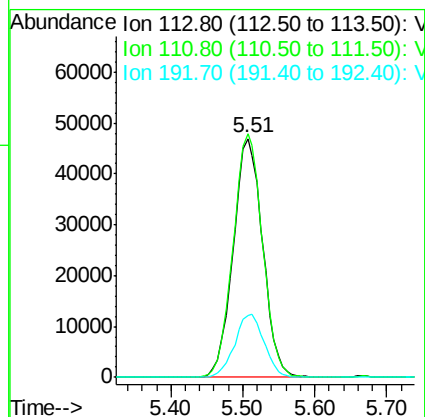
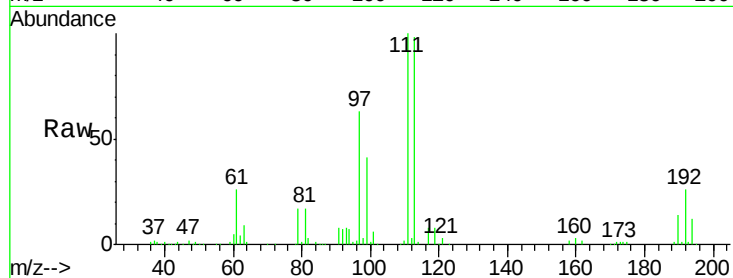




#35
 Dibromofluoromethane
 Concen: 48.20 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

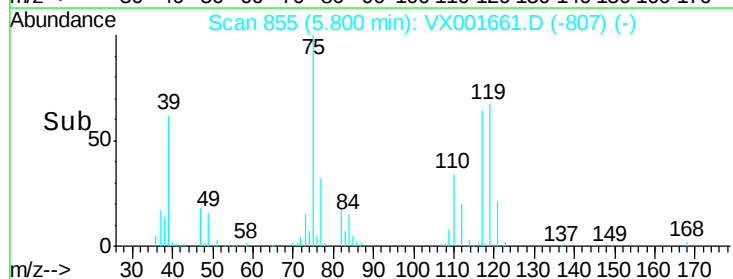
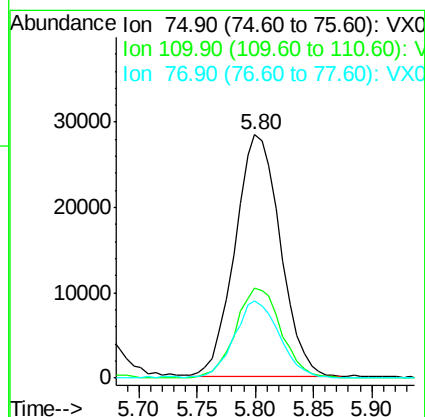
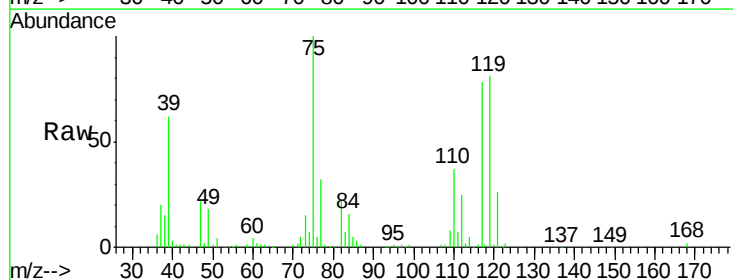
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

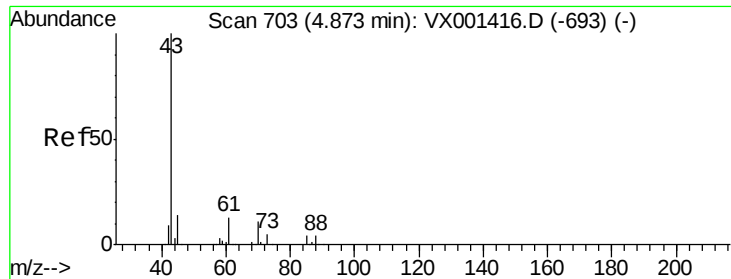
Tgt Ion:113 Resp: 133210
 Ion Ratio Lower Upper
 113 100
 111 101.7 82.2 123.2
 192 26.5 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 19.56 ug/l
 RT: 5.80 min Scan# 855
 Delta R.T. -0.01 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion: 75 Resp: 77310
 Ion Ratio Lower Upper
 75 100
 110 37.4 18.9 56.7
 77 31.4 24.9 37.3

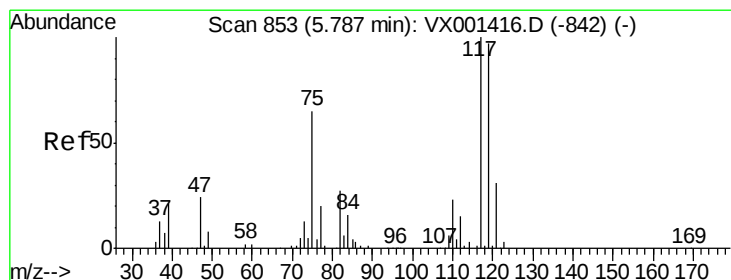
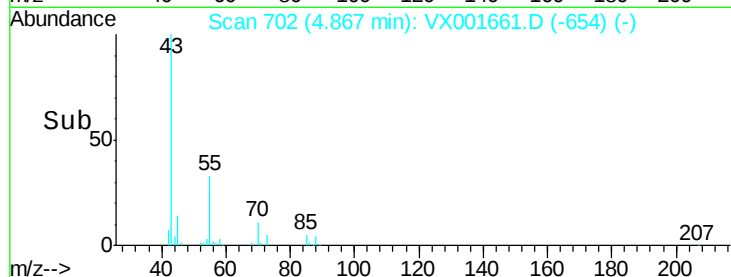
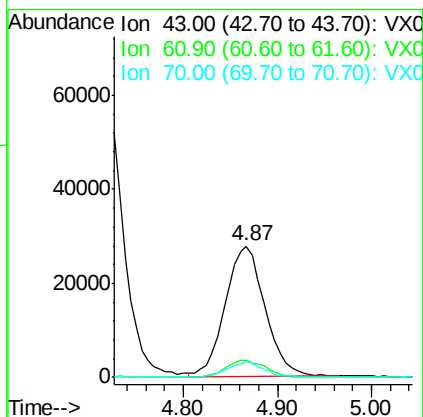
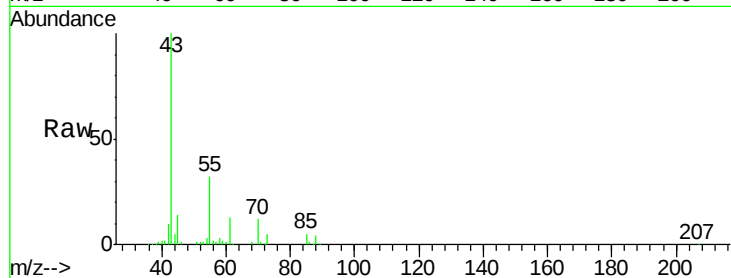




#37
Ethyl Acetate
Concen: 18.72 ug/l
RT: 4.87 min Scan# 702
Delta R.T. -0.01 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

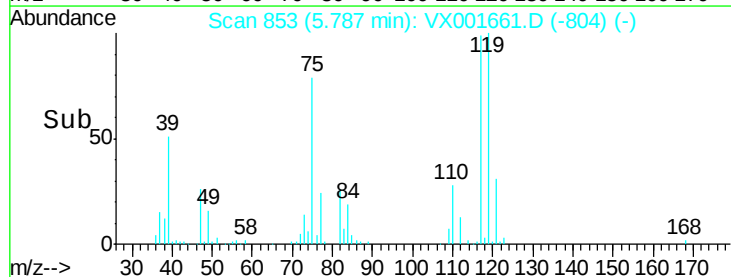
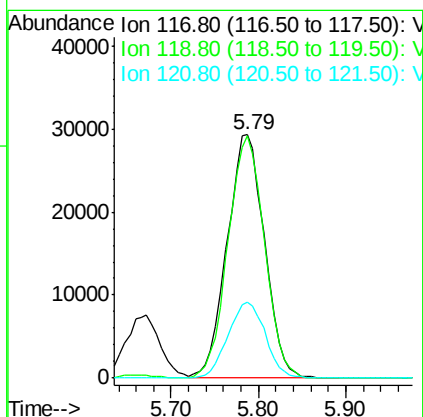
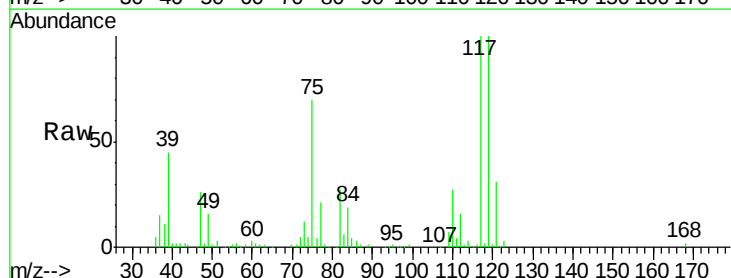
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

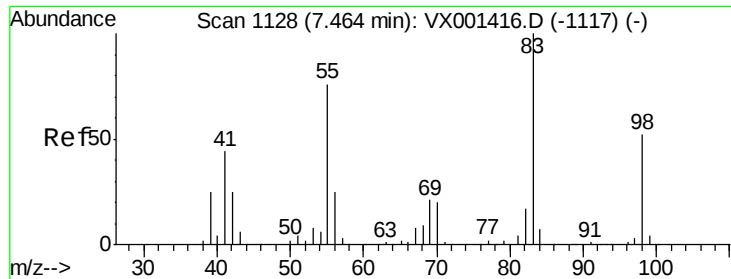
Tgt Ion: 43 Resp: 81119
Ion Ratio Lower Upper
43 100
61 13.5 10.7 16.1
70 11.1 8.4 12.6



#38
Carbon Tetrachloride
Concen: 20.71 ug/l
RT: 5.79 min Scan# 853
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Tgt Ion: 117 Resp: 87297
Ion Ratio Lower Upper
117 100
119 99.7 77.0 115.6
121 31.1 25.1 37.7

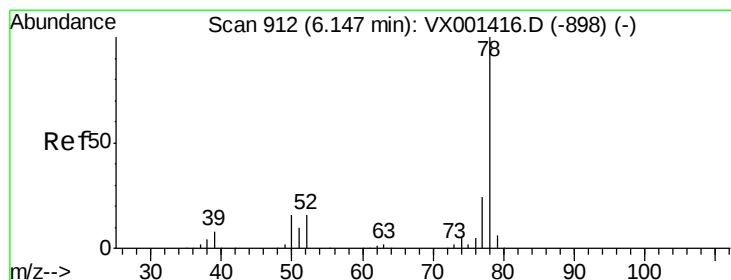
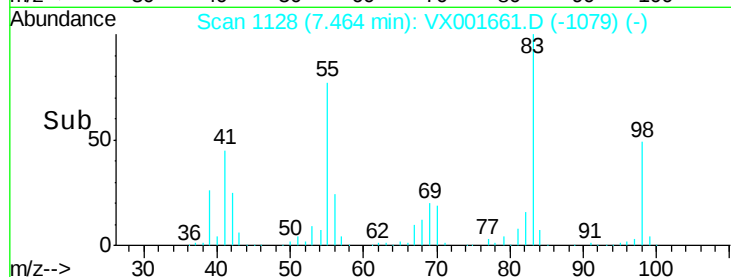
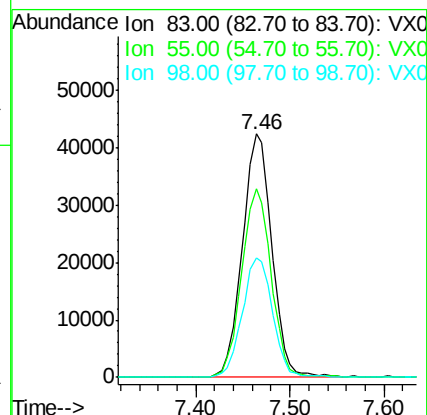
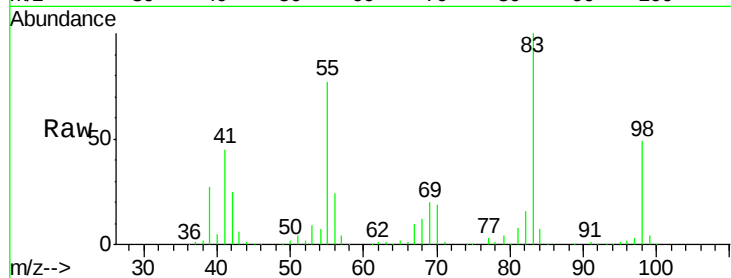




#39
Methylcyclohexane
Concen: 19.74 ug/l
RT: 7.46 min Scan# 1128
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

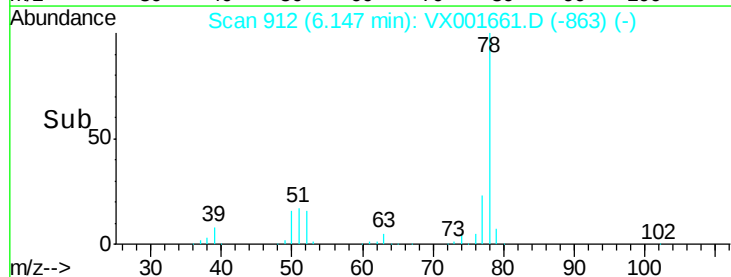
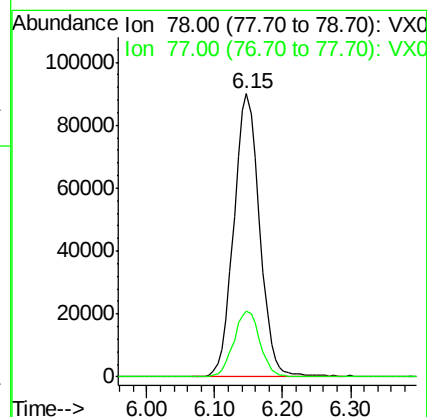
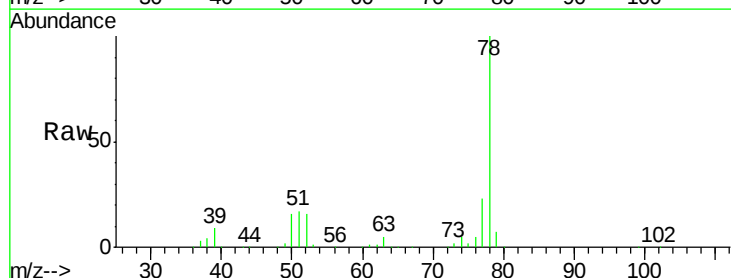
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

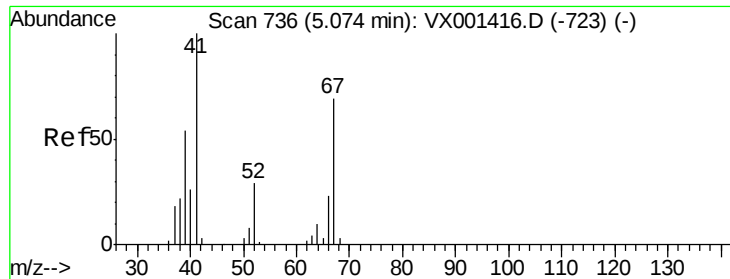
Tgt Ion	Ratio	Lower	Upper
83	100		
55	77.2	60.9	91.3
98	49.0	41.9	62.9



#40
Benzene
Concen: 20.51 ug/l
RT: 6.15 min Scan# 912
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Tgt Ion	Ratio	Lower	Upper
78	100		
77	23.2	19.4	29.2

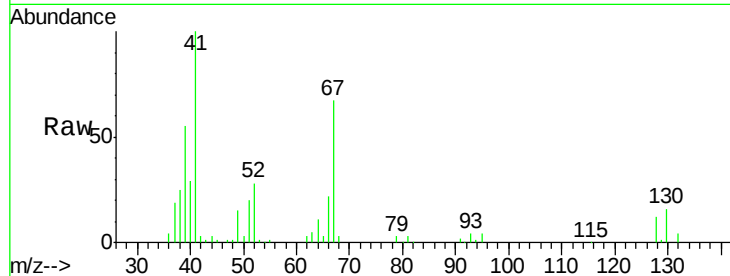




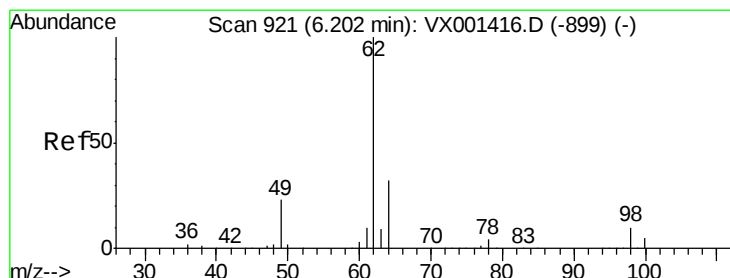
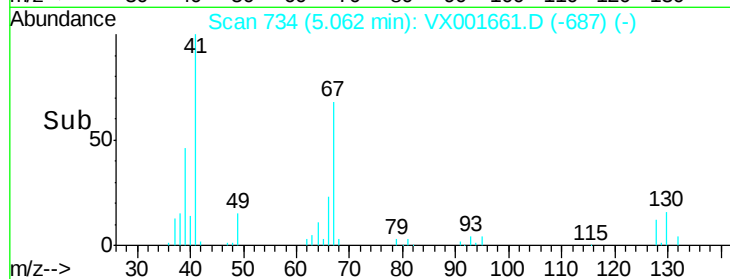
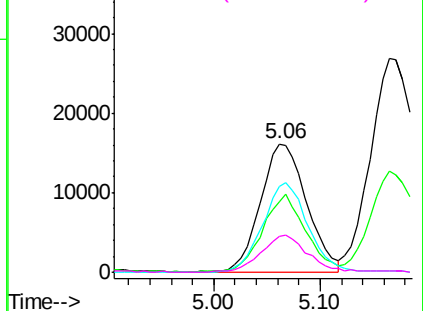
#41
Methacrylonitrile
Concen: 19.70 ug/l
RT: 5.06 min Scan# 734
Delta R.T. -0.01 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Tgt Ion:	41	Resp:	48843
Ion	Ratio	Lower	Upper
41	100		
39	55.7	45.0	67.6
67	67.7	55.0	82.6
52	29.5	23.4	35.0

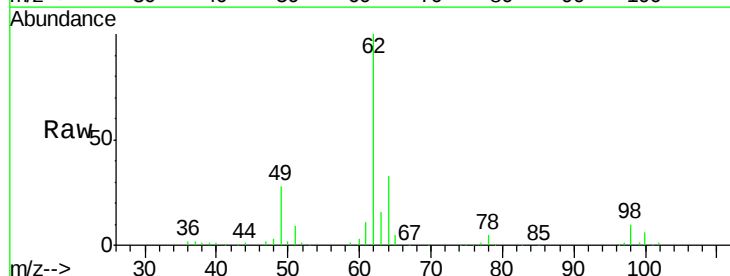


Abundance Ion 41.00 (40.70 to 41.70): VX0
Ion 39.00 (38.70 to 39.70): VX0
Ion 67.00 (66.70 to 67.70): VX0
Ion 52.00 (51.70 to 52.70): VX0

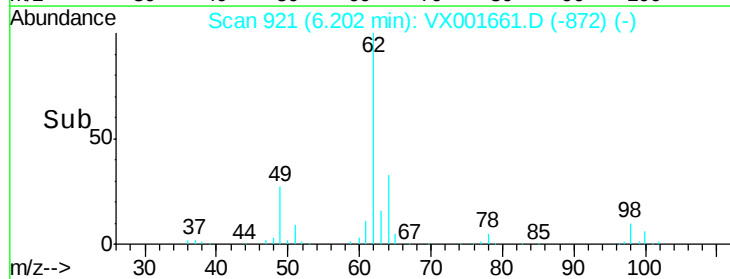
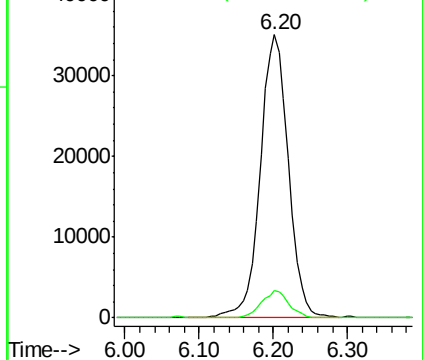


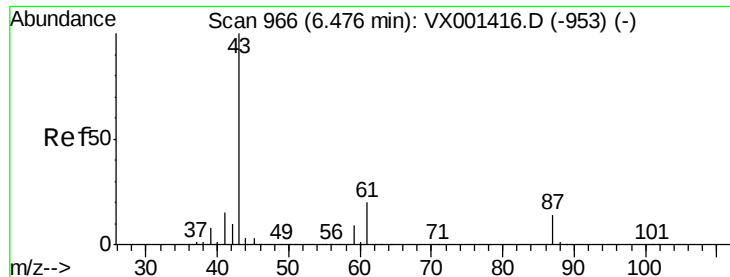
#42
1,2-Dichloroethane
Concen: 20.87 ug/l
RT: 6.20 min Scan# 921
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Tgt Ion:	62	Resp:	92611
Ion	Ratio	Lower	Upper
62	100		
98	9.3	0.0	19.0



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





#43

Isopropyl Acetate

Concen: 19.48 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

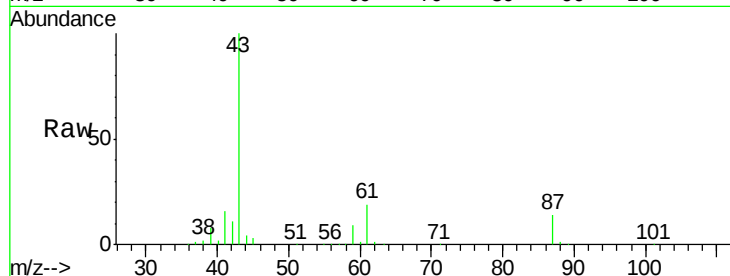
Tgt Ion: 43 Resp: 129566

Ion Ratio Lower Upper

43 100

61 20.0 15.4 23.0

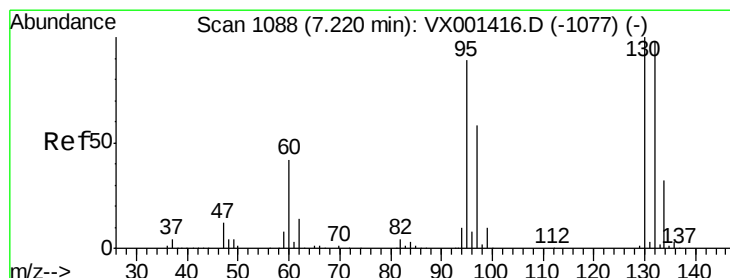
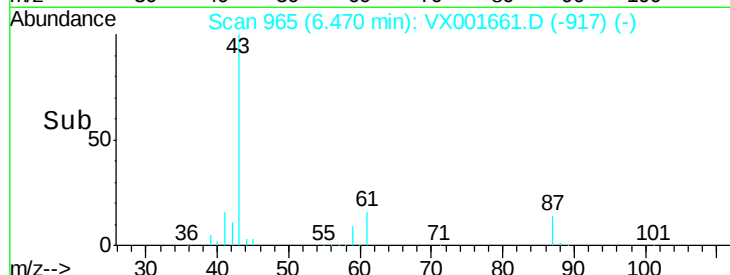
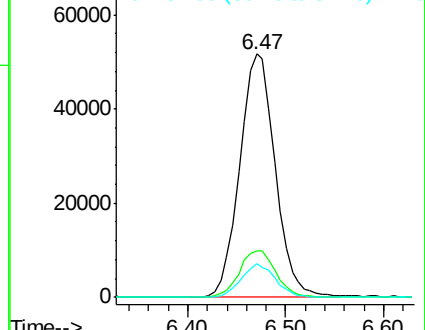
87 13.4 10.8 16.2



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: 20.40 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001661.D

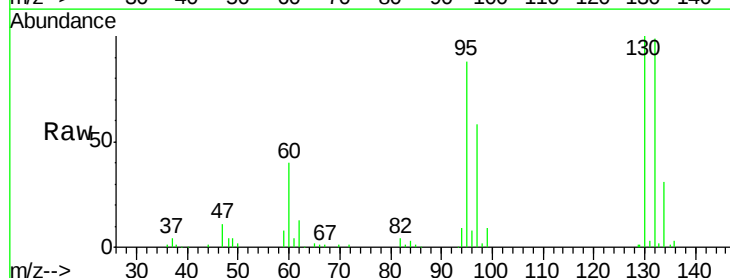
Acq: 12 May 2018 12:43

Tgt Ion: 130 Resp: 71974

Ion Ratio Lower Upper

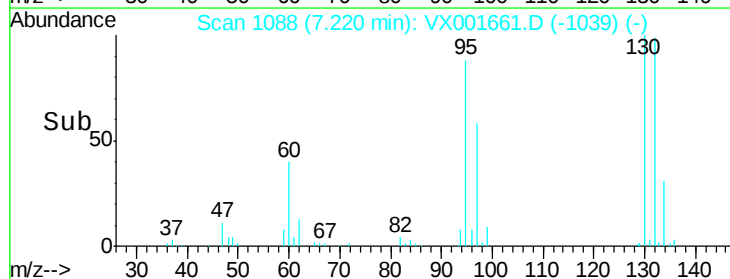
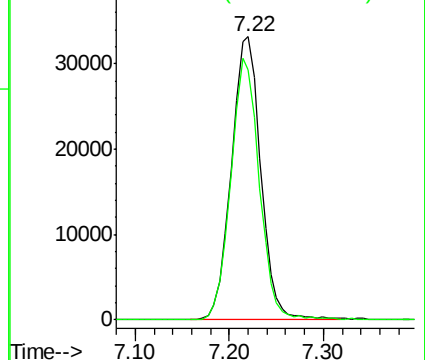
130 100

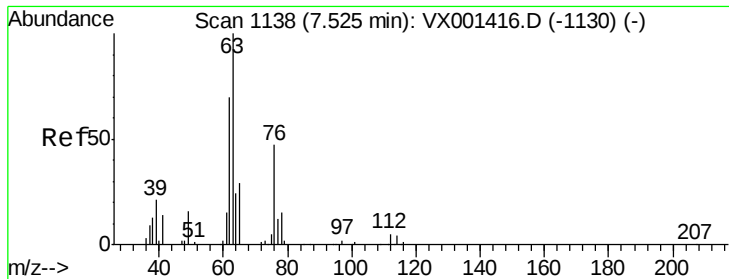
95 88.2 0.0 178.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#45

1,2-Dichloropropane

Concen: 21.42 ug/l

RT: 7.52 min Scan# 1137

Delta R.T. -0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

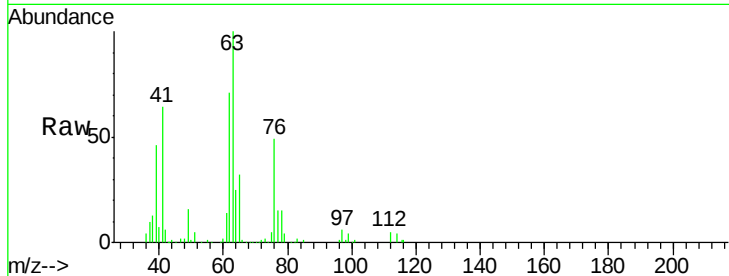
VX0512WBS01

Tgt Ion: 63 Resp: 61653

Ion Ratio Lower Upper

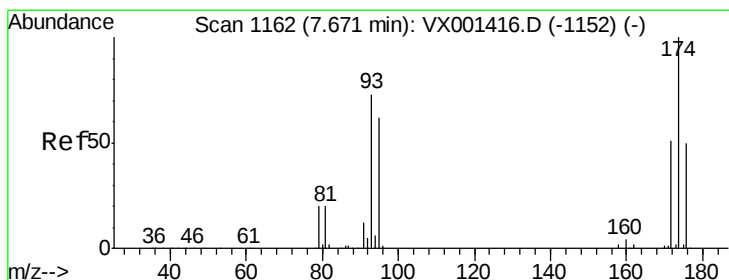
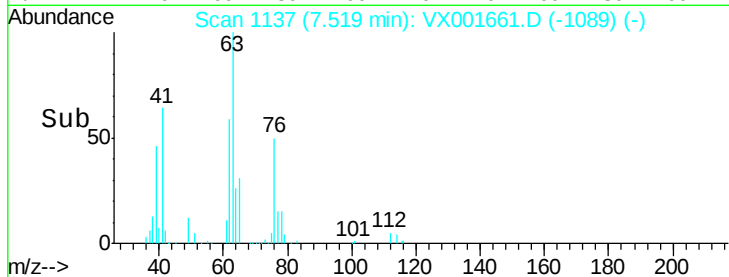
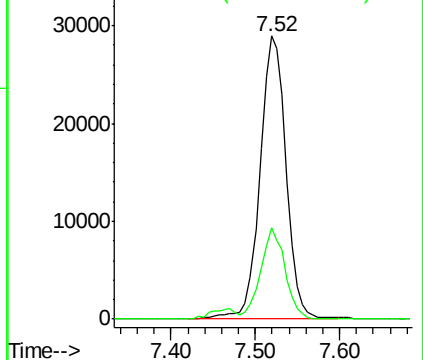
63 100

65 31.9 24.5 36.7



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 64.90 (64.60 to 65.60): VX0



#46

Dibromomethane

Concen: 20.54 ug/l

RT: 7.67 min Scan# 1161

Delta R.T. -0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

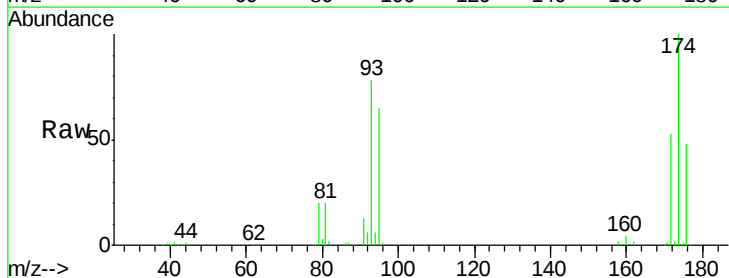
Tgt Ion: 93 Resp: 41849

Ion Ratio Lower Upper

93 100

95 81.9 67.0 100.4

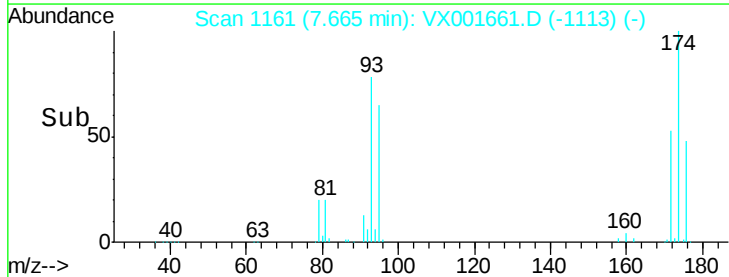
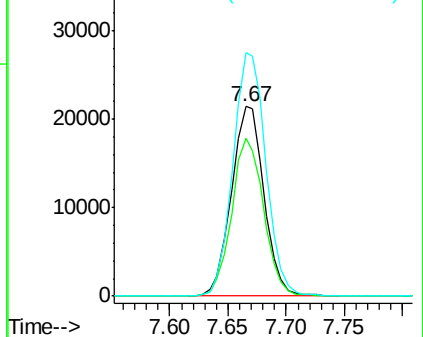
174 129.8 104.5 156.7



Abundance Ion 92.80 (92.50 to 93.50): VX0

Ion 94.80 (94.50 to 95.50): VX0

Ion 173.70 (173.40 to 174.40): V





#47

Bromodichloromethane

Concen: 21.27 ug/l

RT: 7.90 min Scan# 1200

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

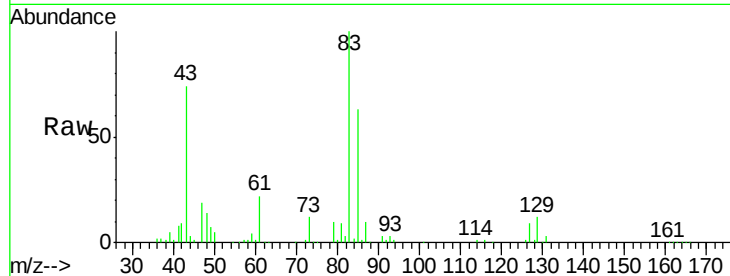
Tgt Ion: 83 Resp: 80200

Ion Ratio Lower Upper

83 100

85 62.8 51.0 76.6

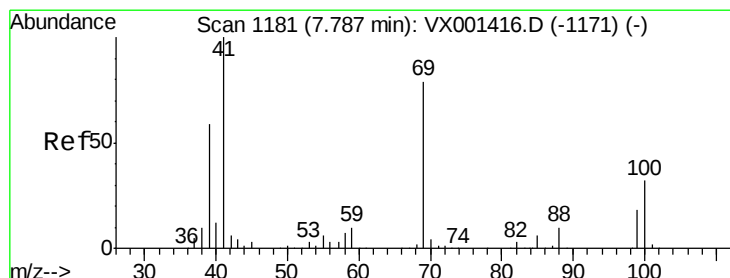
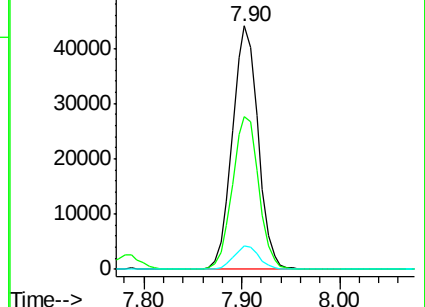
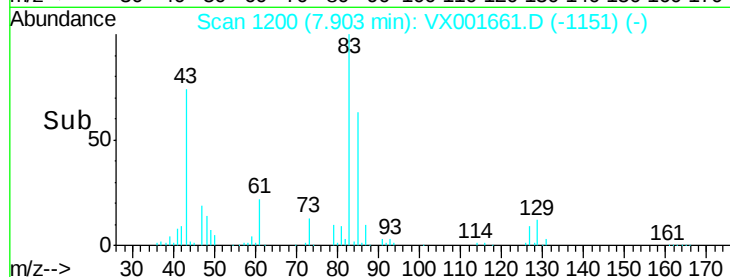
127 9.4 7.4 11.2



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: 19.35 ug/l

RT: 7.78 min Scan# 1180

Delta R.T. -0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

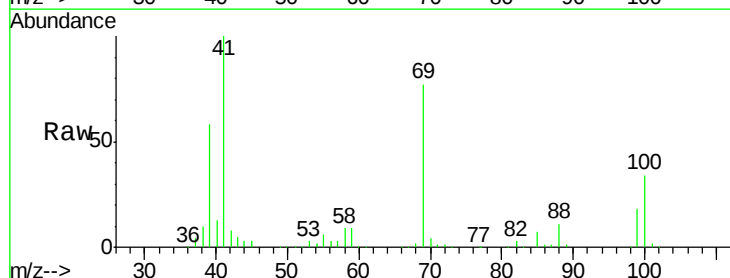
Tgt Ion: 41 Resp: 70068

Ion Ratio Lower Upper

41 100

69 79.0 63.4 95.2

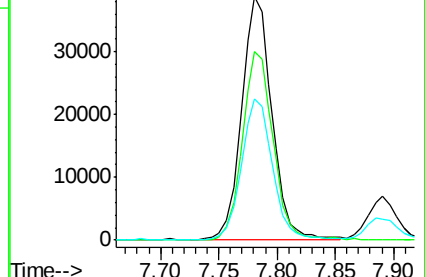
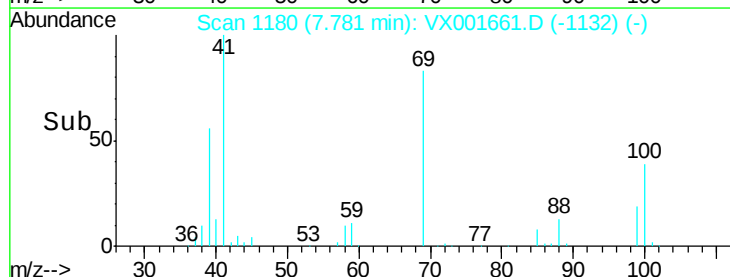
39 59.0 47.0 70.4

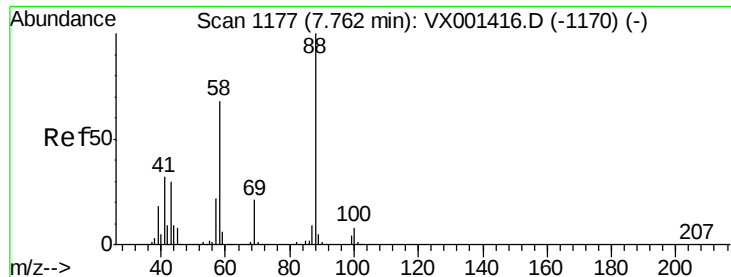


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

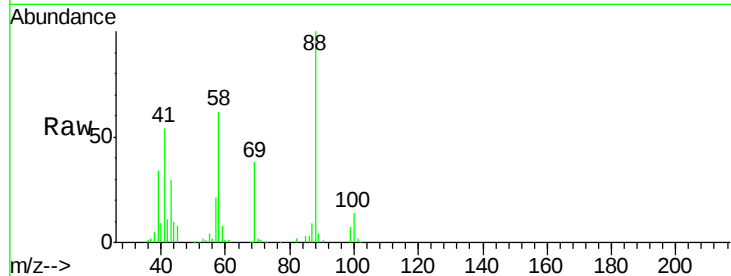




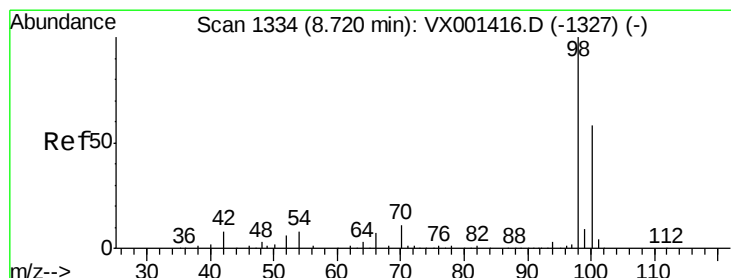
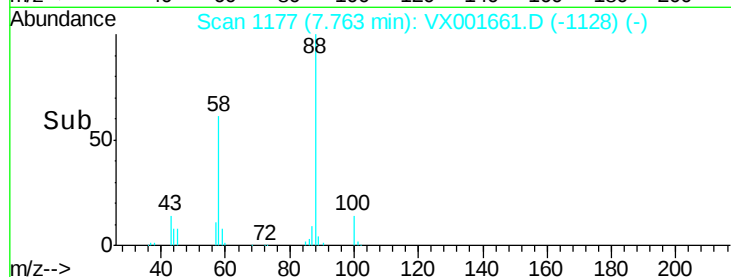
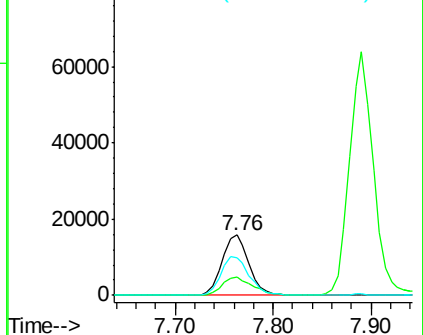
#49
1,4-Dioxane
Concen: 387.48 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Tgt Ion: 88 Resp: 30316
Ion Ratio Lower Upper
88 100
43 34.9 26.4 39.6
58 68.0 54.1 81.1

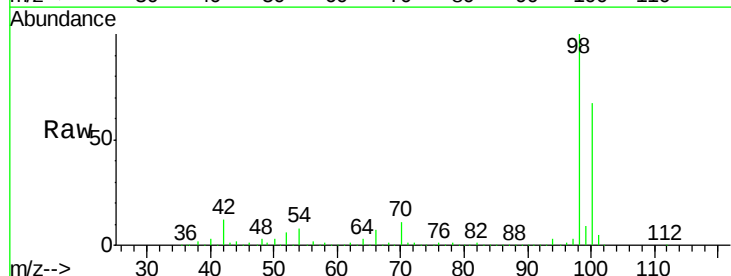


Abundance Ion 88.00 (87.70 to 88.70): VX0
Ion 43.00 (42.70 to 43.70): VX0
Ion 58.00 (57.70 to 58.70): VX0

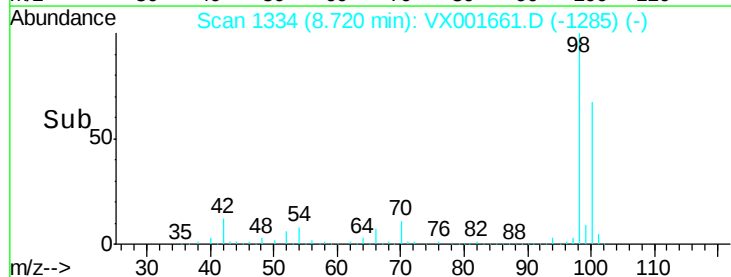
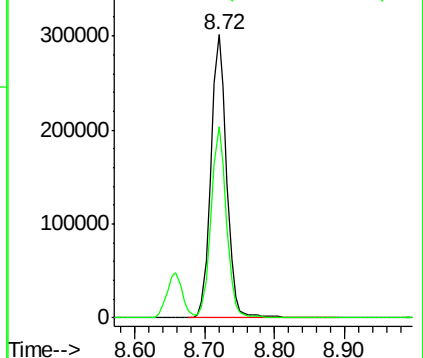


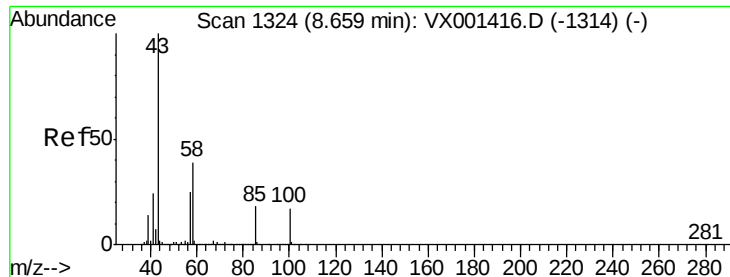
#50
Toluene-d8
Concen: 46.46 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Tgt Ion: 98 Resp: 468692
Ion Ratio Lower Upper
98 100
100 66.0 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0

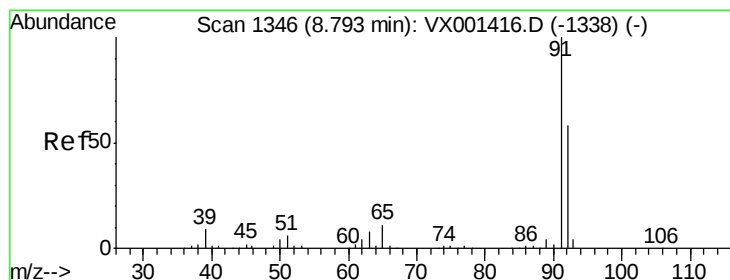
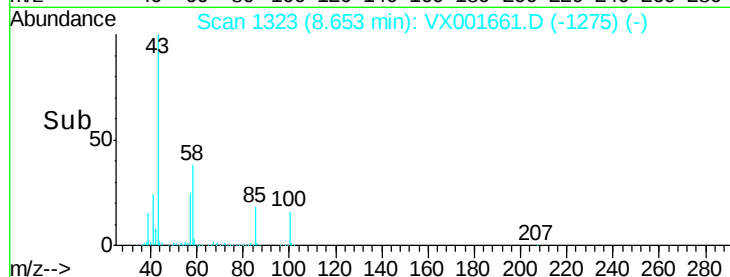
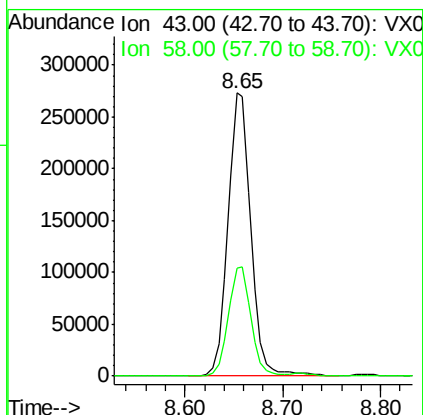
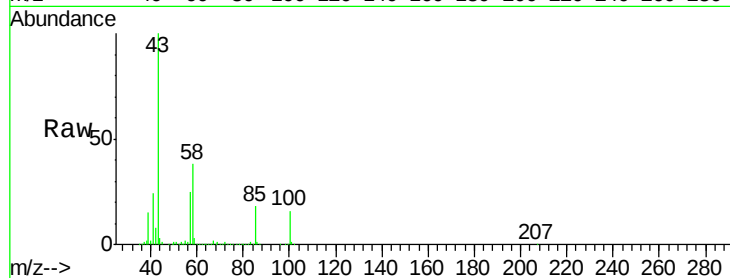




#51
 4-Methyl-2-Pentanone
 Concen: 99.85 ug/l
 RT: 8.65 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

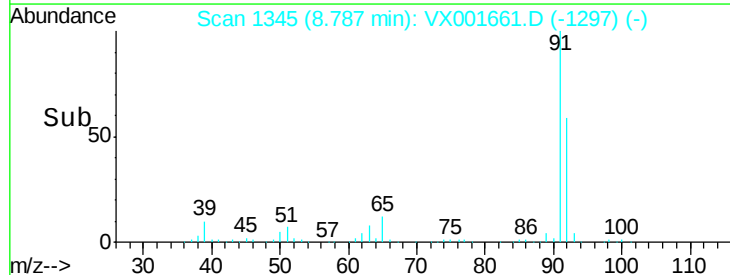
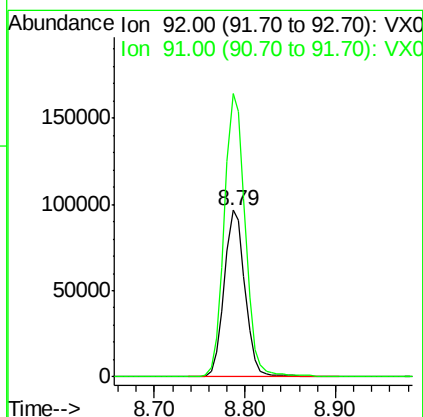
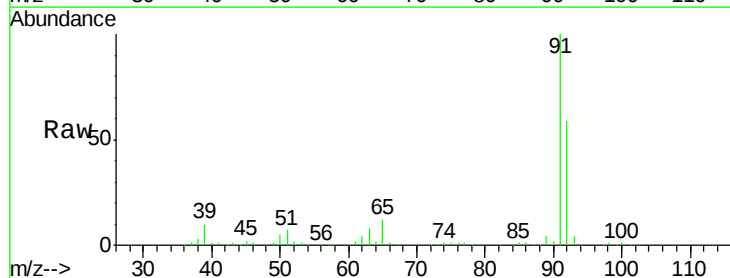
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

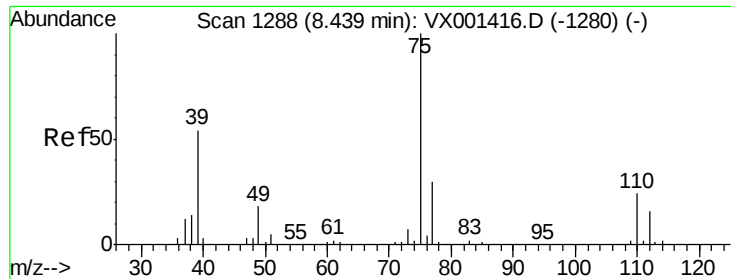
Tgt Ion: 43 Resp: 441280
 Ion Ratio Lower Upper
 43 100
 58 38.0 30.8 46.2



#52
 Toluene
 Concen: 20.58 ug/l
 RT: 8.79 min Scan# 1345
 Delta R.T. -0.01 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion: 92 Resp: 155362
 Ion Ratio Lower Upper
 92 100
 91 170.7 135.2 202.8





#53

t-1,3-Dichloropropene

Concen: 21.04 ug/l

RT: 8.44 min Scan# 1288

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

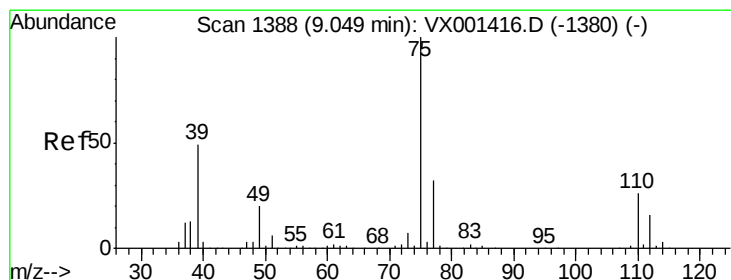
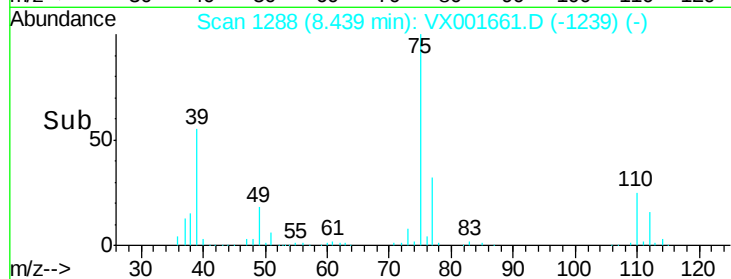
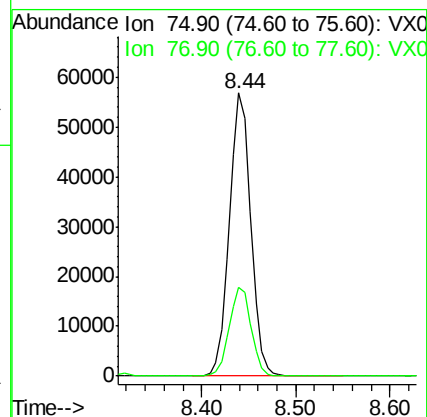
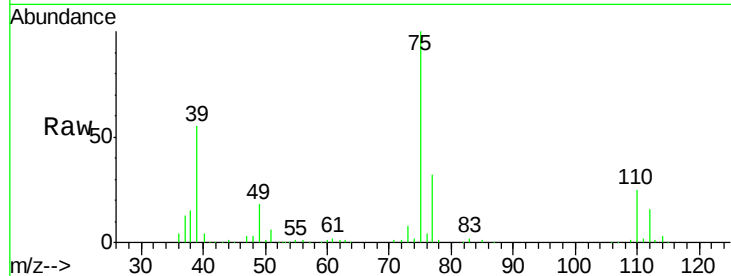
VX0512WBS01

Tgt Ion: 75 Resp: 89648

Ion Ratio Lower Upper

75 100

77 31.6 24.2 36.4



#54

cis-1,3-Dichloropropene

Concen: 19.86 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

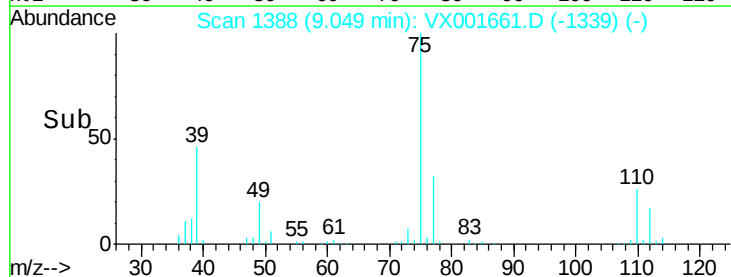
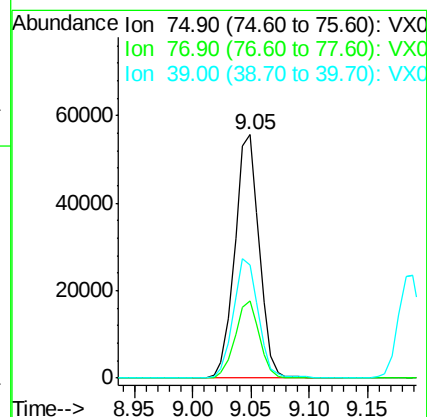
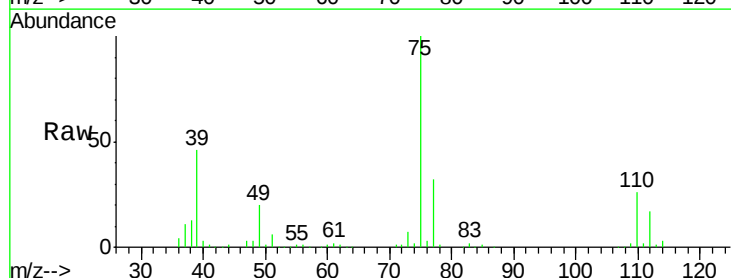
Tgt Ion: 75 Resp: 81195

Ion Ratio Lower Upper

75 100

77 31.7 25.5 38.3

39 46.0 38.9 58.3

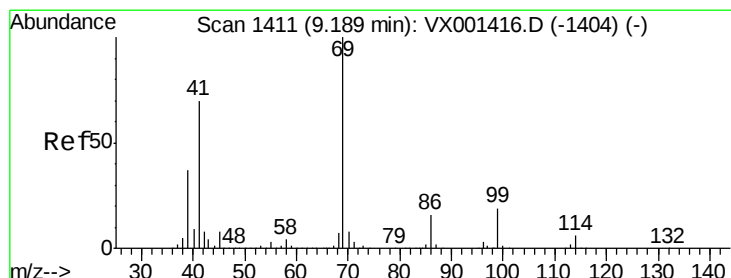
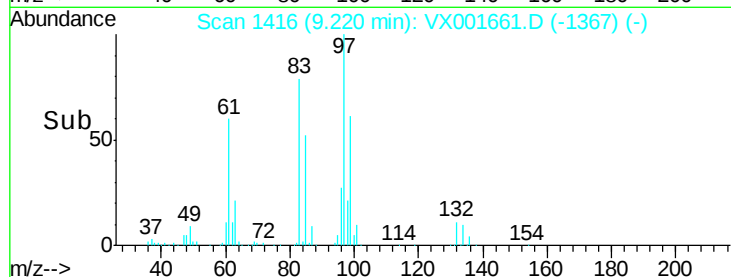
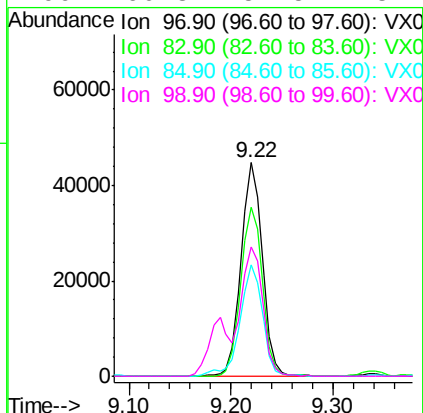
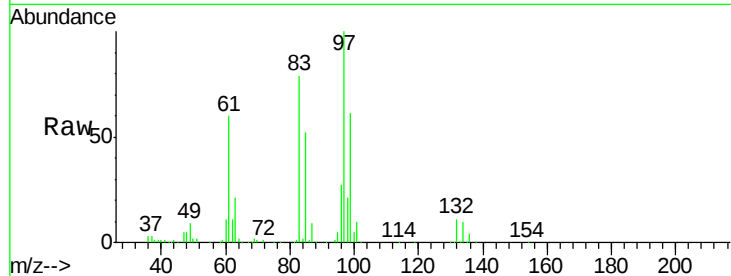




#55
 1,1,2-Trichloroethane
 Concen: 21.34 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

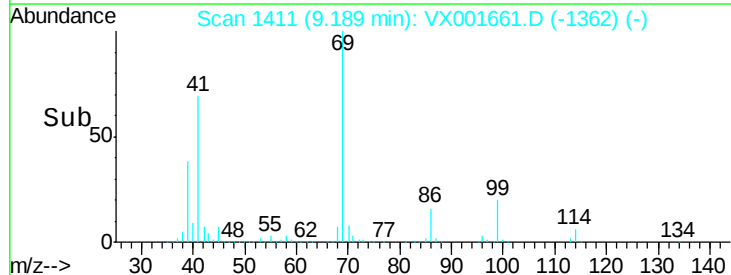
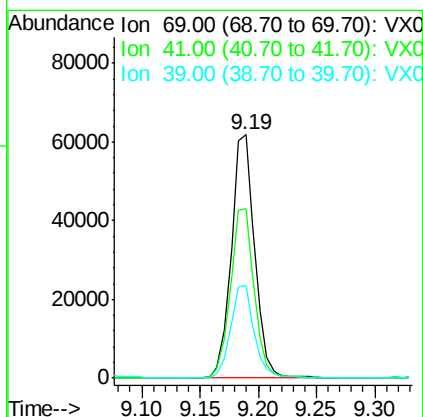
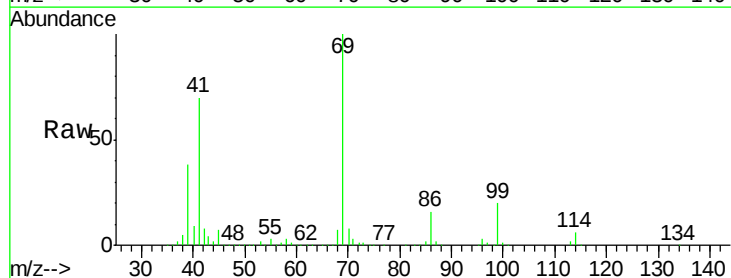
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

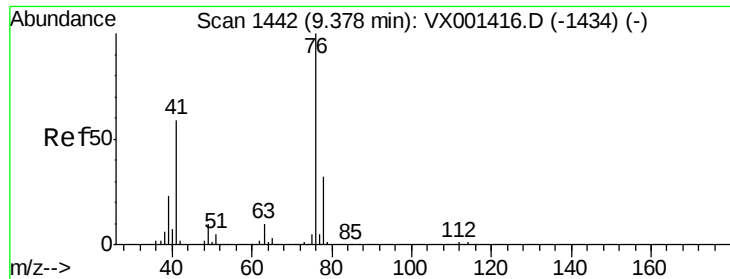
Tgt Ion: 97 Resp: 64889
 Ion Ratio Lower Upper
 97 100
 83 79.1 67.4 101.0
 85 51.9 43.3 64.9
 99 60.8 52.5 78.7



#56
 Ethyl methacrylate
 Concen: 19.80 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion: 69 Resp: 86791
 Ion Ratio Lower Upper
 69 100
 41 71.4 55.1 82.7
 39 38.1 29.9 44.9

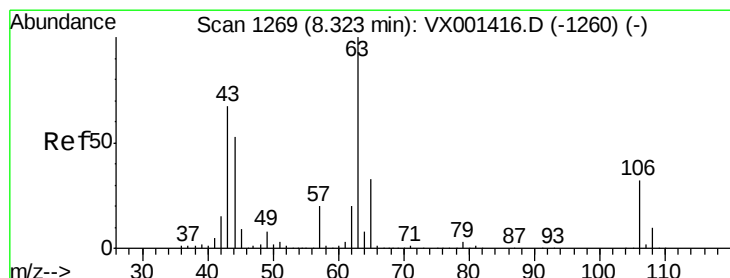
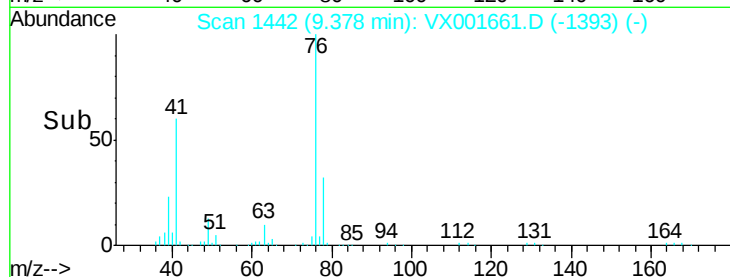
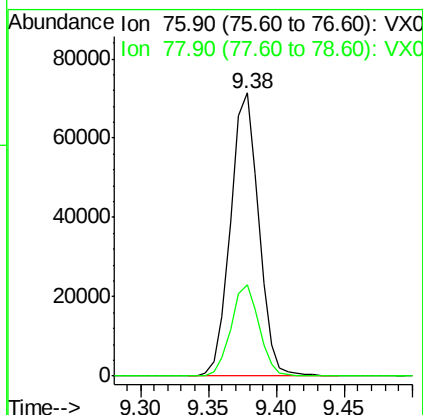
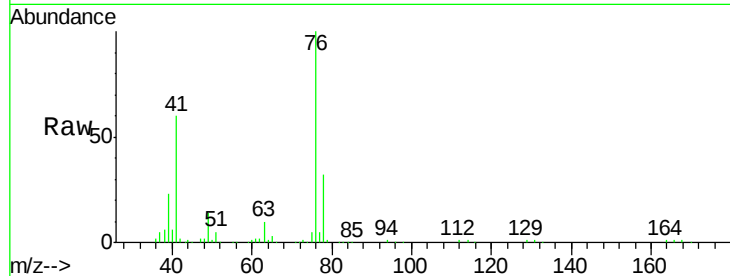




#57
 1,3-Dichloropropane
 Concen: 20.57 ug/l
 RT: 9.38 min Scan# 1442
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

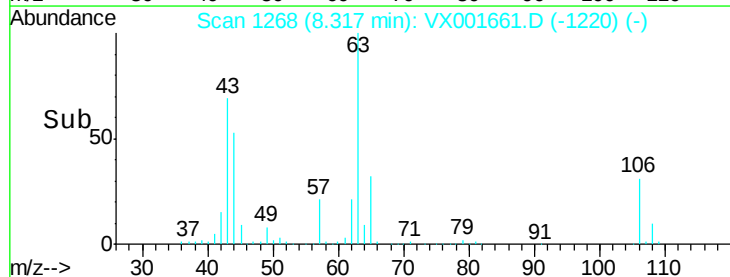
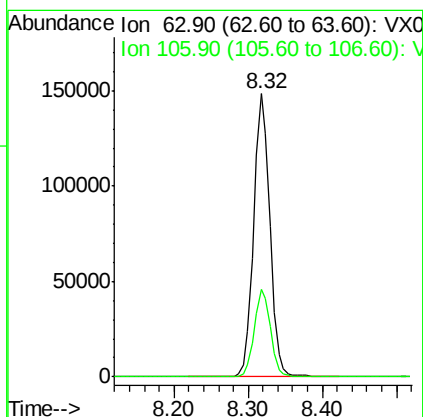
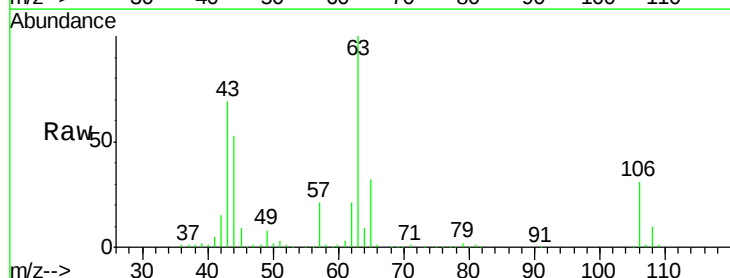
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

Tgt Ion: 76 Resp: 103437
 Ion Ratio Lower Upper
 76 100
 78 32.0 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 105.87 ug/l
 RT: 8.32 min Scan# 1268
 Delta R.T. -0.01 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion: 63 Resp: 227632
 Ion Ratio Lower Upper
 63 100
 106 31.0 25.4 38.0

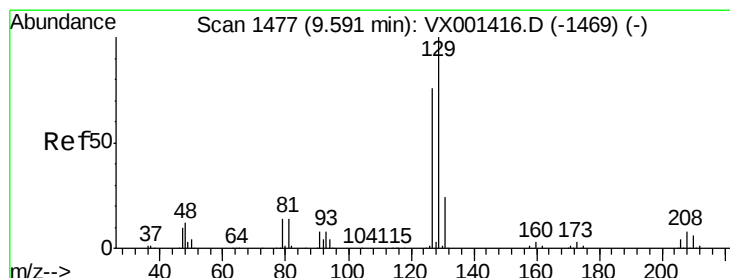
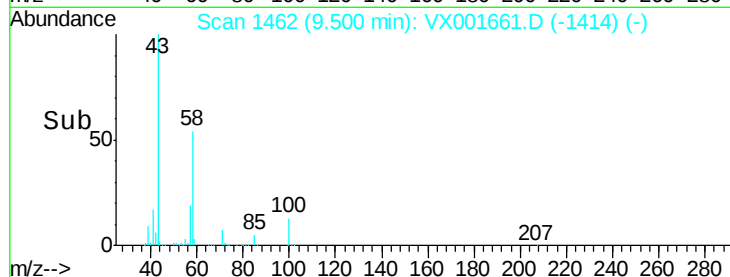
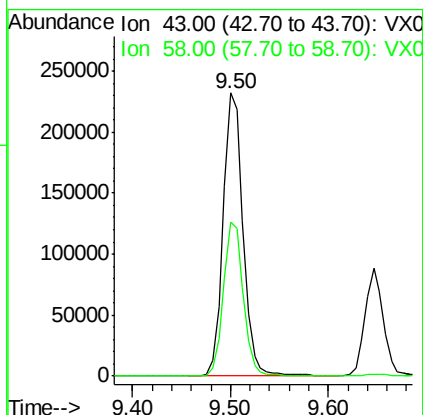
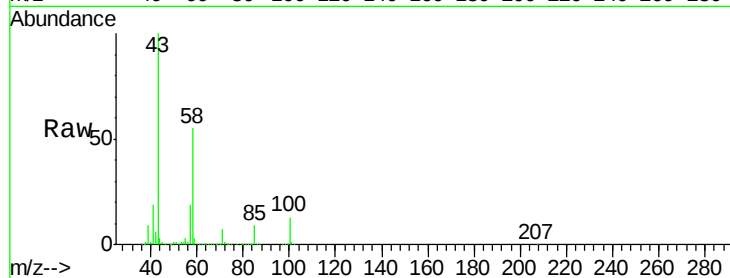




#59
2-Hexanone
Concen: 96.91 ug/l
RT: 9.50 min Scan# 1462
Delta R.T. -0.01 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

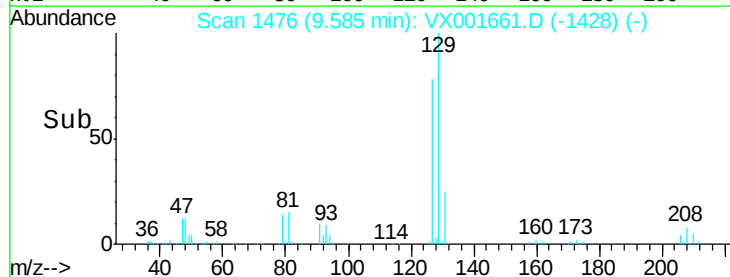
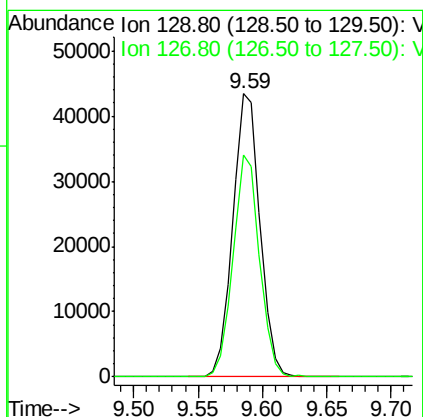
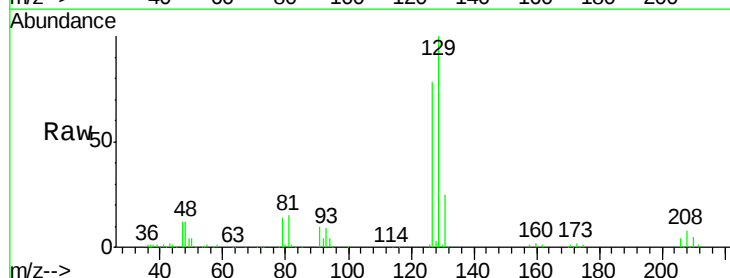
Instrument :
MSVOA_X
ClientSampled :
VX0512WBS01

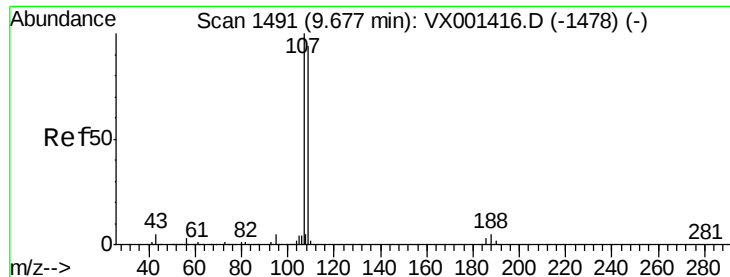
Tgt Ion: 43 Resp: 327975
Ion Ratio Lower Upper
43 100
58 54.5 27.1 81.2



#60
Dibromochloromethane
Concen: 20.52 ug/l
RT: 9.59 min Scan# 1476
Delta R.T. -0.01 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Tgt Ion: 129 Resp: 63914
Ion Ratio Lower Upper
129 100
127 76.3 38.1 114.5





#61

1,2-Dibromoethane

Concen: 19.97 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

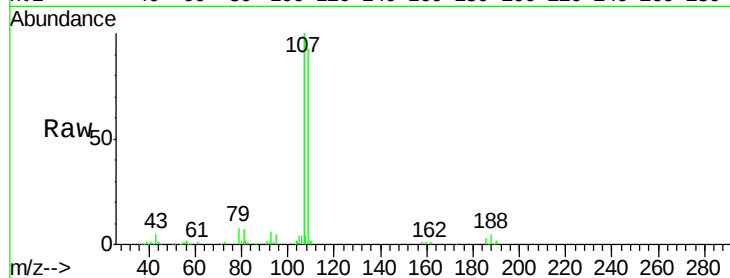
VX0512WBS01

Tgt Ion: 107 Resp: 63748

Ion Ratio Lower Upper

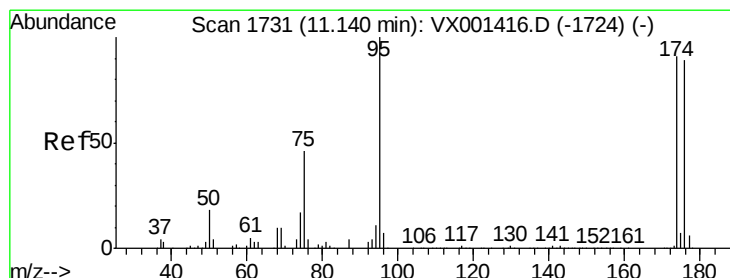
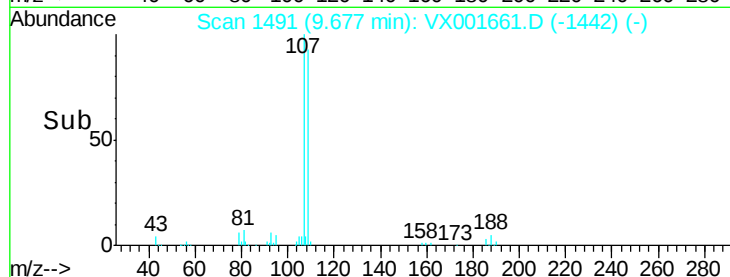
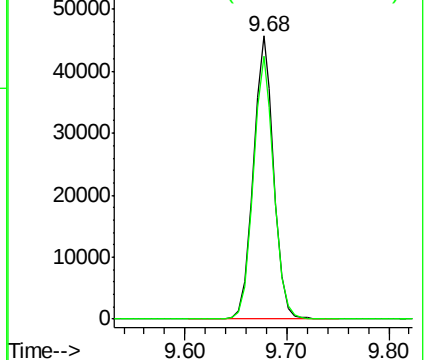
107 100

109 93.9 75.5 113.3



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.61 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

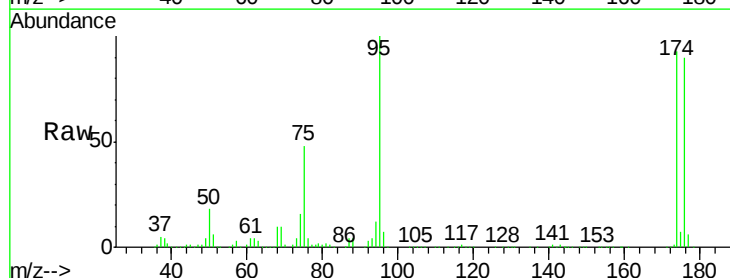
Tgt Ion: 95 Resp: 176621

Ion Ratio Lower Upper

95 100

174 100.8 0.0 202.0

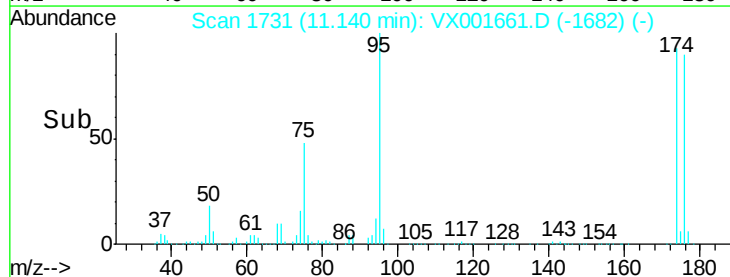
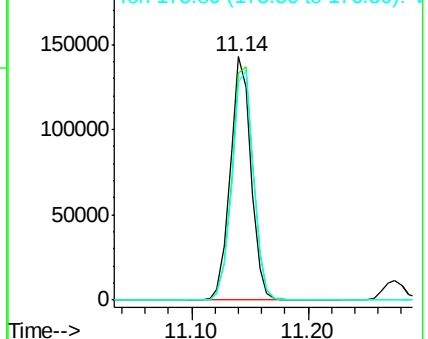
176 98.0 0.0 197.4

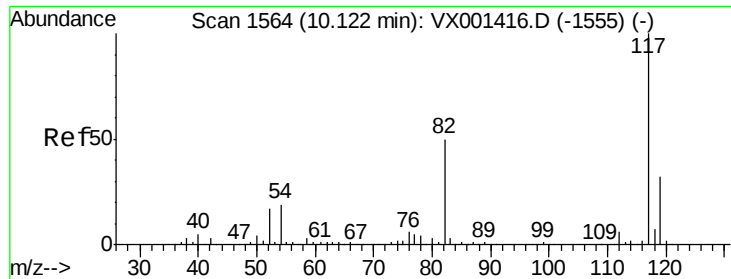


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

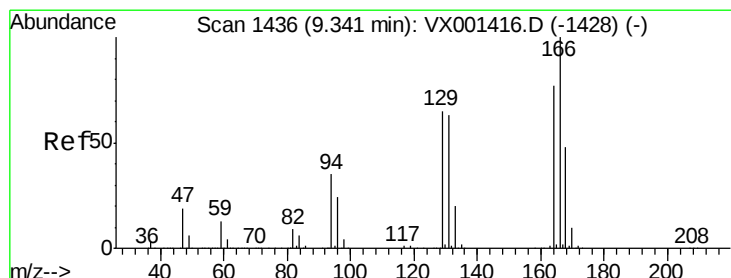
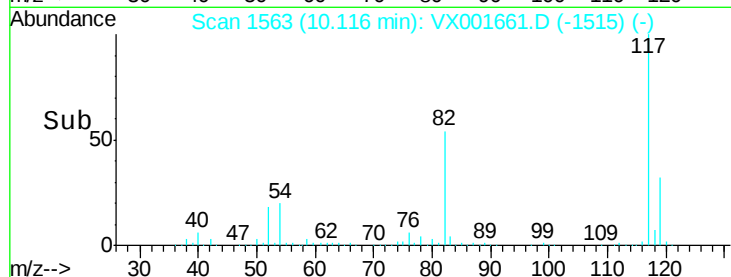
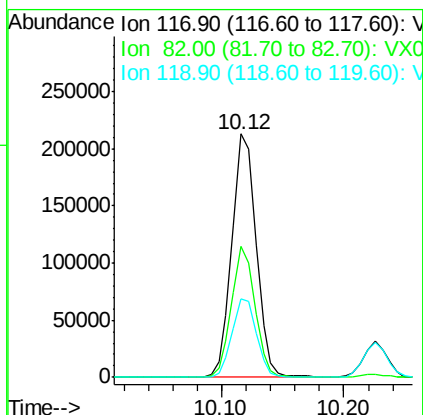
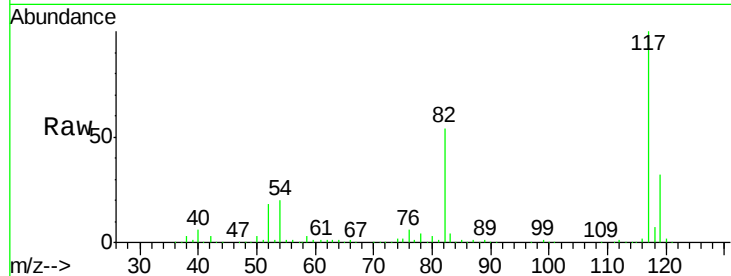




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

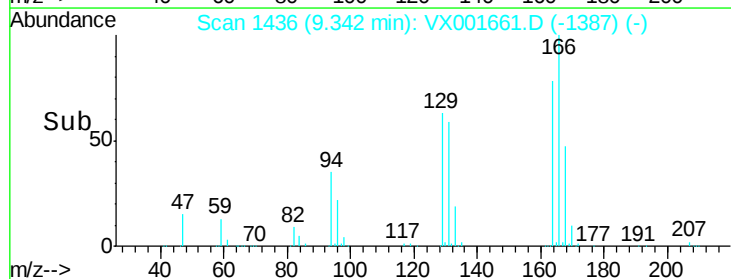
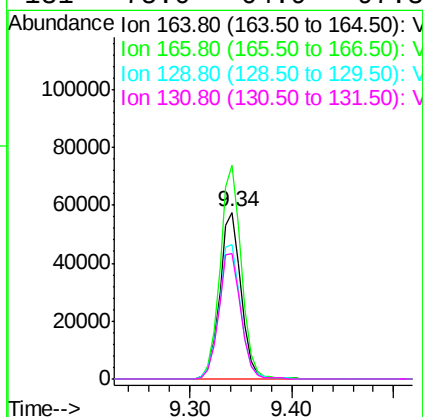
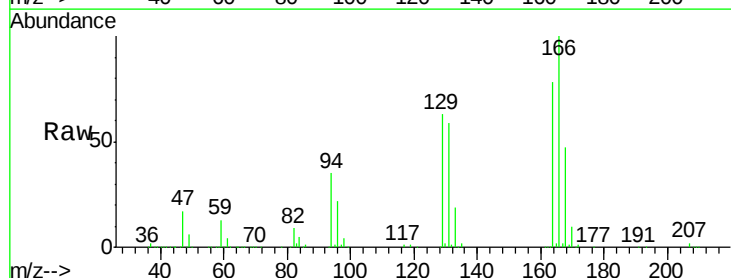
Instrument :
MSVOA_X
ClientSampled :
VX0512WBS01

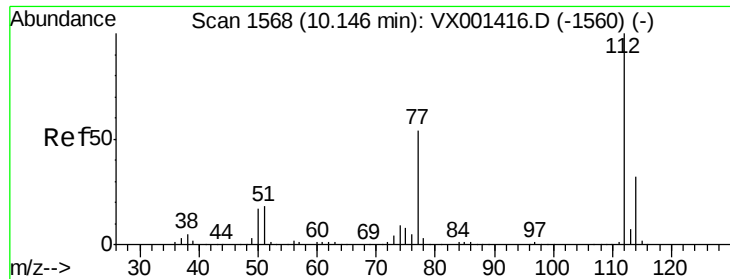
Tgt Ion:117 Resp: 292900
Ion Ratio Lower Upper
117 100
82 53.8 40.0 60.0
119 32.0 25.8 38.8



#64
Tetrachloroethene
Concen: 20.53 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Tgt Ion:164 Resp: 83799
Ion Ratio Lower Upper
164 100
166 128.0 103.5 155.3
129 80.9 66.7 100.1
131 75.0 64.9 97.3





#65

Chlorobenzene

Concen: 20.28 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. -0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

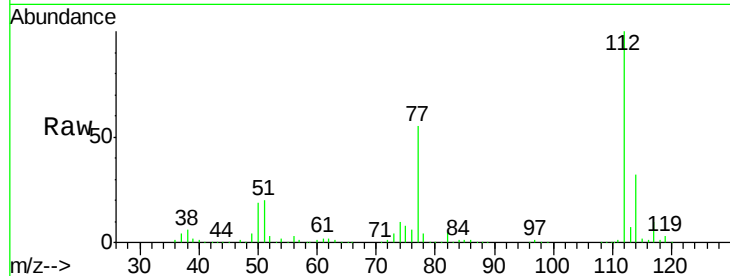
VX0512WBS01

Tgt Ion:112 Resp: 174231

Ion Ratio Lower Upper

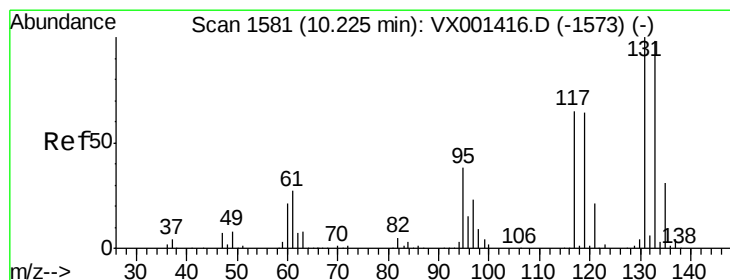
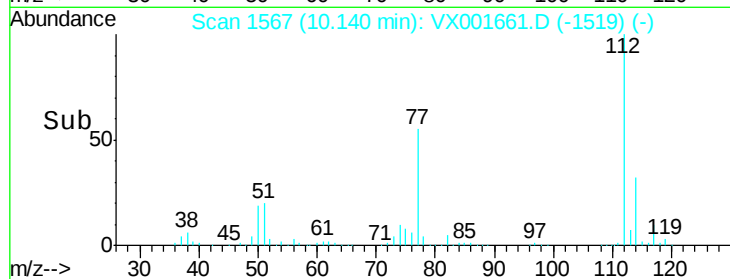
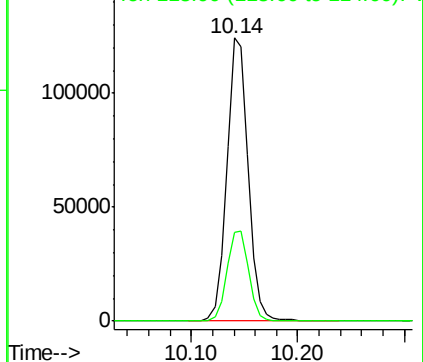
112 100

114 31.6 26.0 39.0



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: 21.04 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

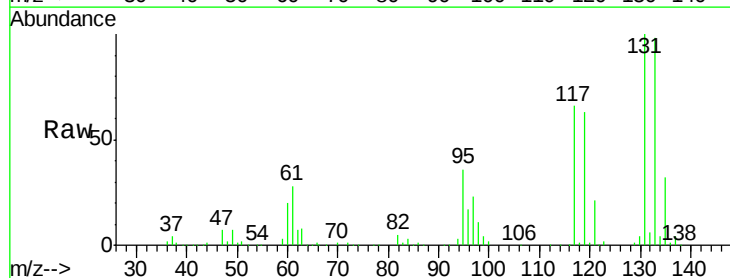
Tgt Ion:131 Resp: 64645

Ion Ratio Lower Upper

131 100

133 97.4 47.9 143.8

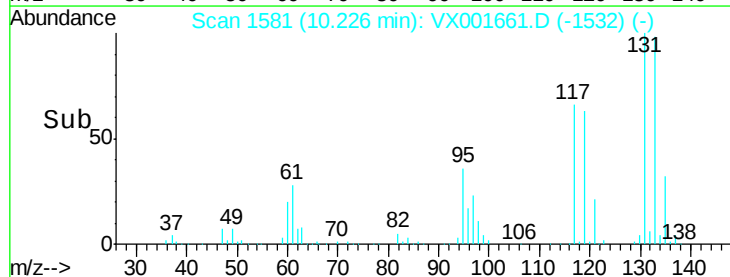
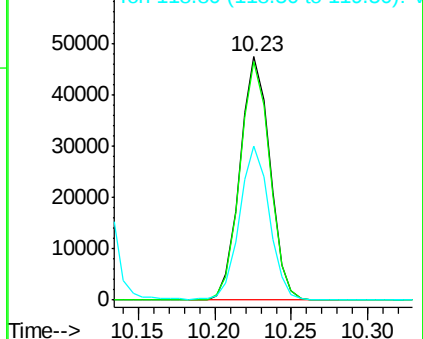
119 62.9 31.1 93.3

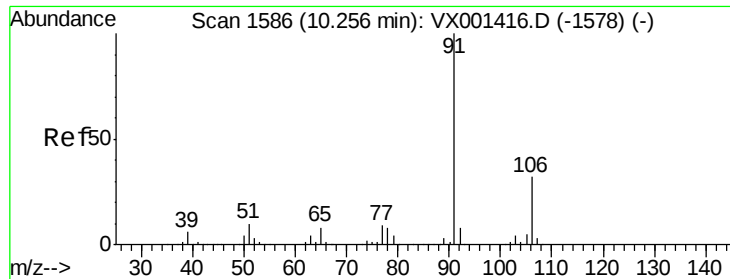


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

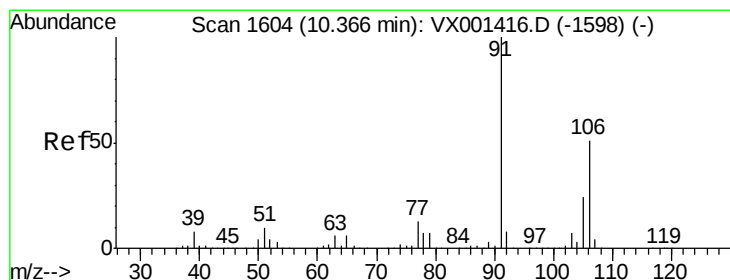
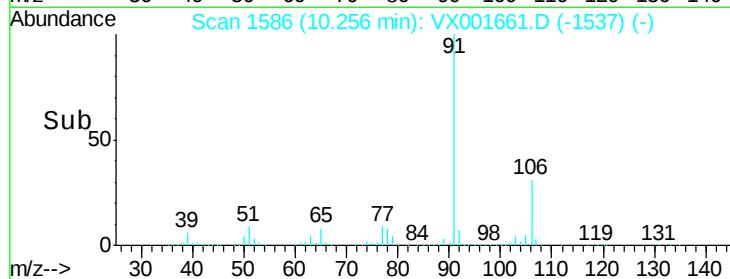
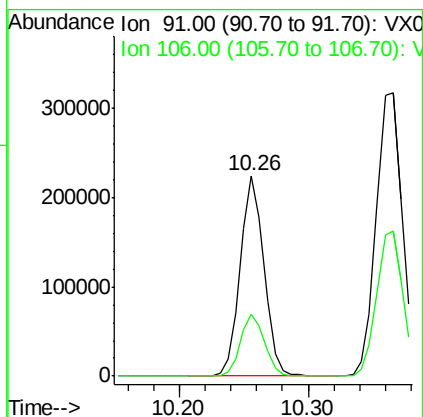
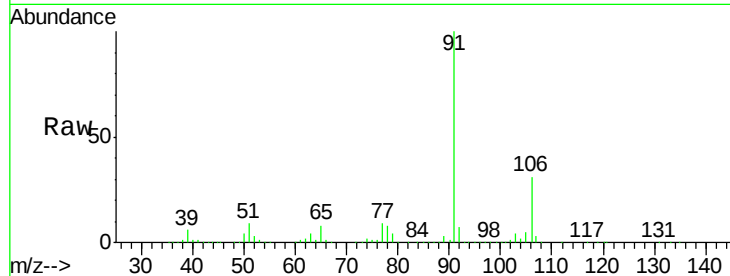




#67
Ethyl Benzene
Concen: 20.36 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

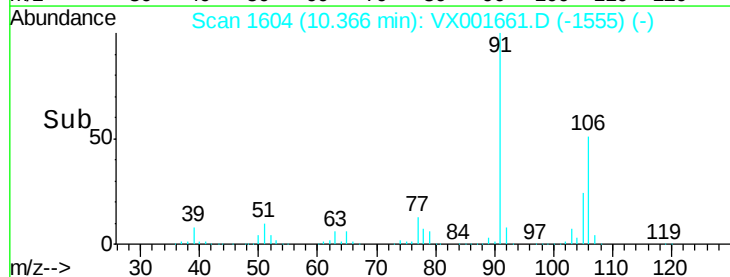
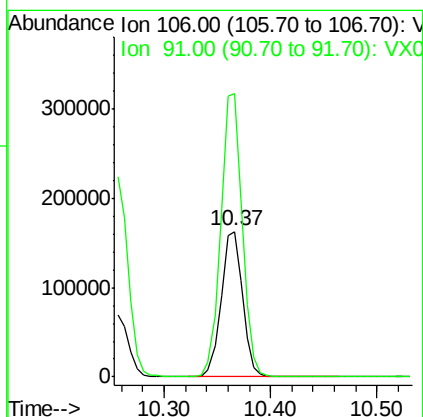
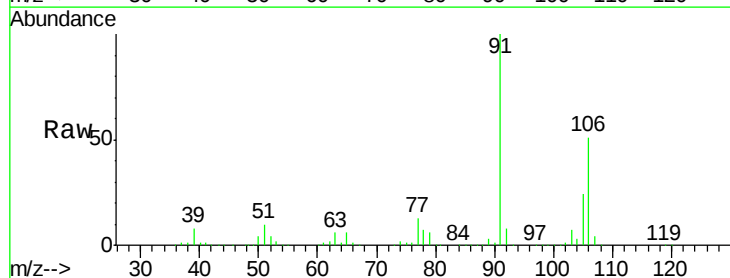
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

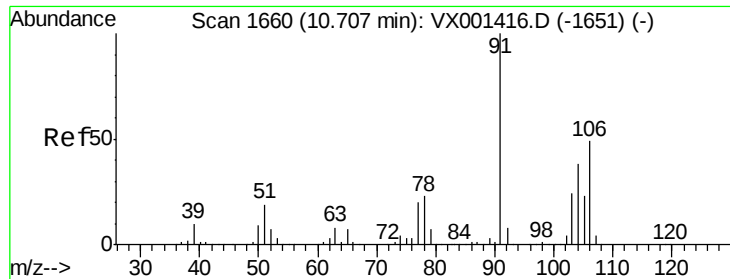
Tgt Ion: 91 Resp: 286657
Ion Ratio Lower Upper
91 100
106 30.8 25.5 38.3



#68
m/p-Xylenes
Concen: 41.01 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Tgt Ion: 106 Resp: 228164
Ion Ratio Lower Upper
106 100
91 195.5 157.5 236.3

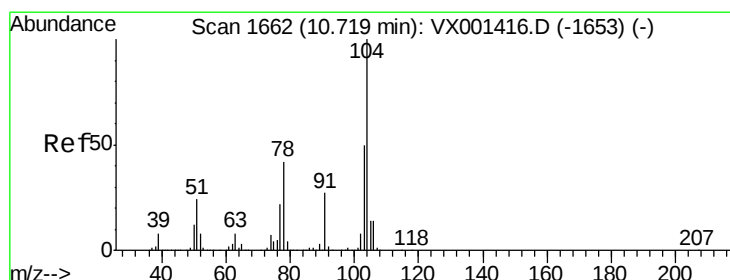
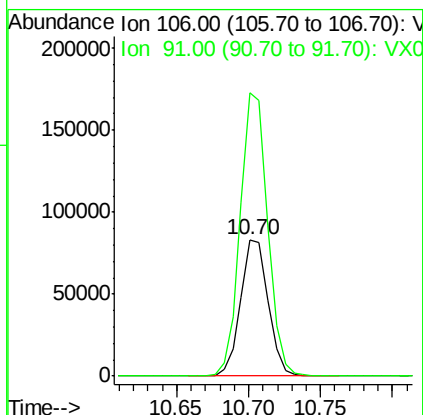
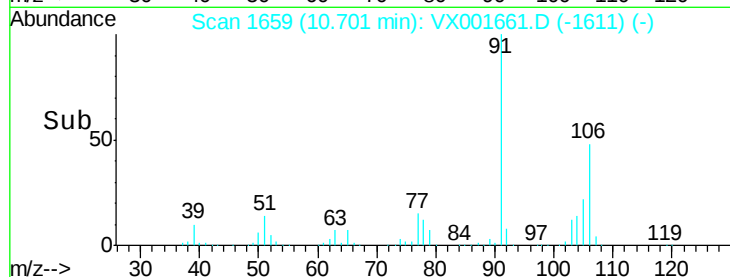
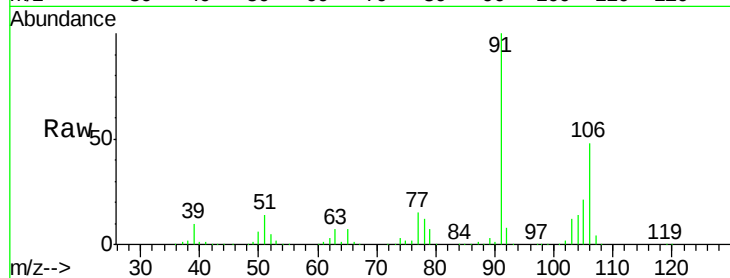




#69
o-Xylene
Concen: 20.51 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

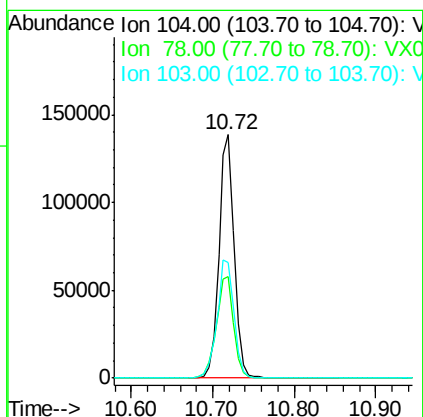
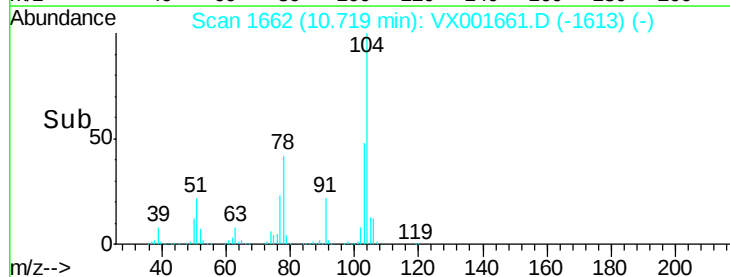
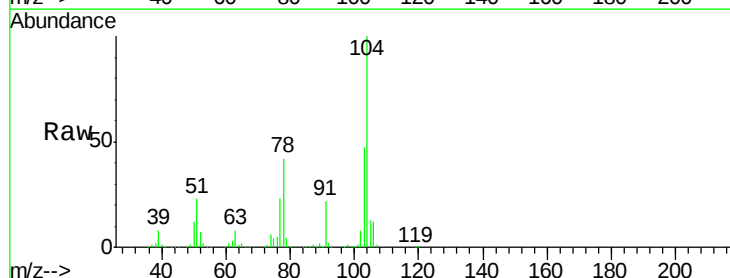
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

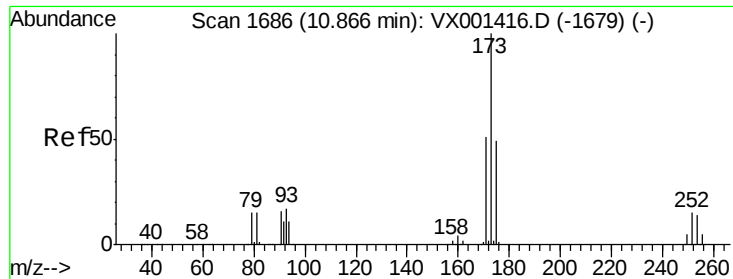
Tgt Ion:106 Resp: 110912
Ion Ratio Lower Upper
106 100
91 207.1 103.1 309.1



#70
Styrene
Concen: 20.65 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Tgt Ion:104 Resp: 181367
Ion Ratio Lower Upper
104 100
78 47.9 38.6 58.0
103 54.6 44.0 66.0

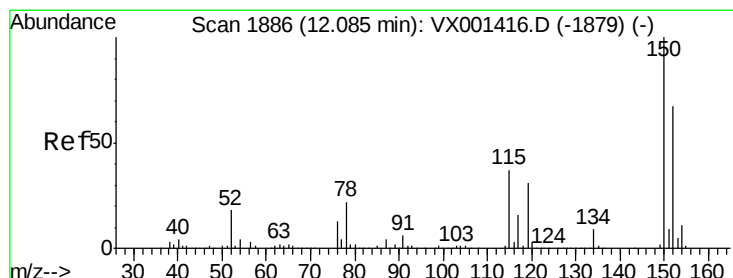
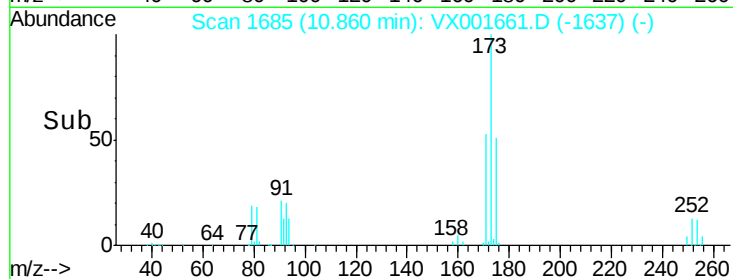
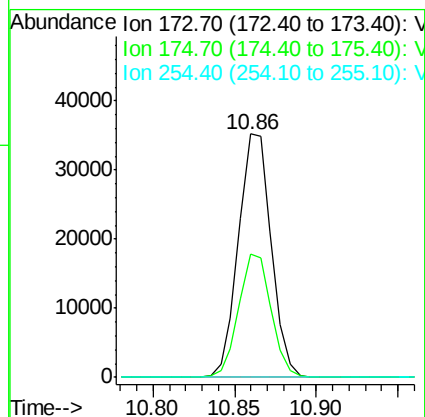
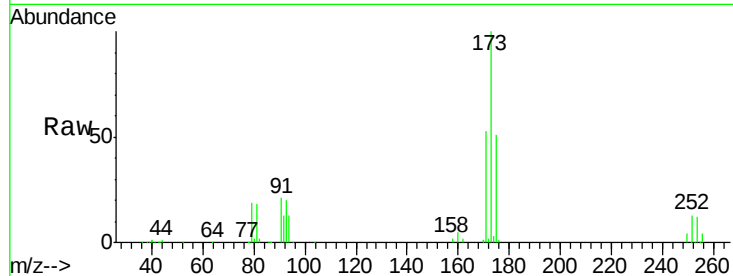




#71
Bromoform
Concen: 19.11 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

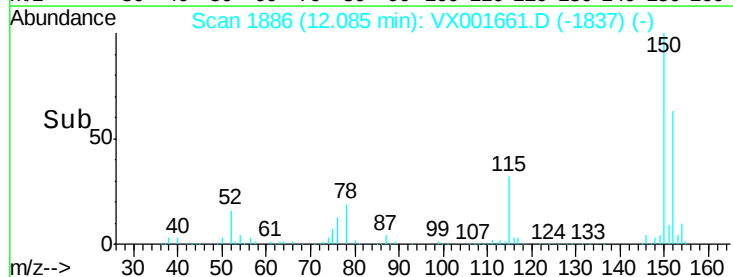
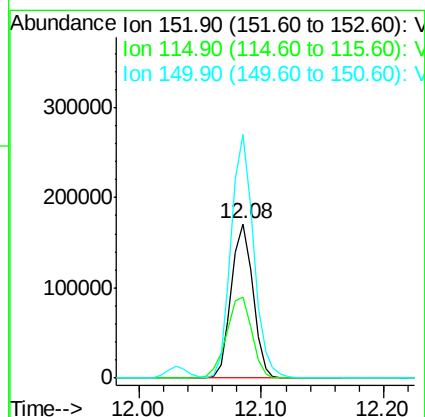
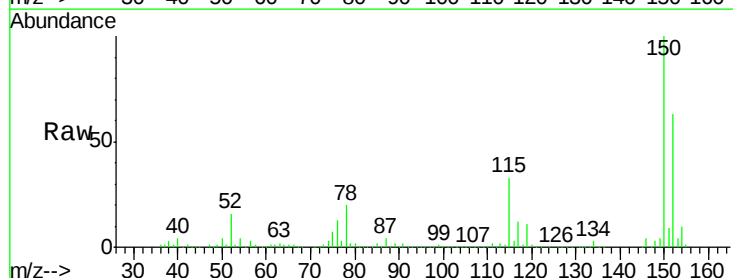
Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Tgt Ion:173 Resp: 49464
Ion Ratio Lower Upper
173 100
175 50.0 24.5 73.5
254 0.2 0.2 0.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Tgt Ion:152 Resp: 208838
Ion Ratio Lower Upper
152 100
115 61.9 37.7 113.1
150 164.1 0.0 349.4





#73

Isopropylbenzene

Concen: 21.07 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampled :

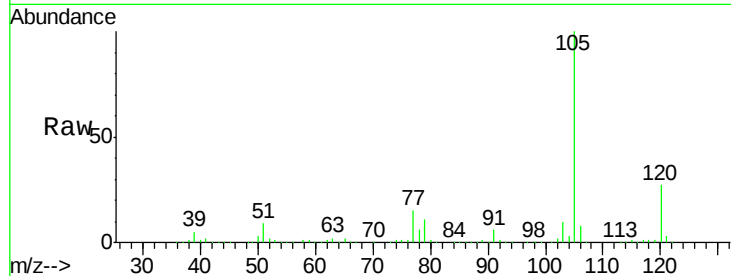
VX0512WBS01

Tgt Ion: 105 Resp: 304552

Ion Ratio Lower Upper

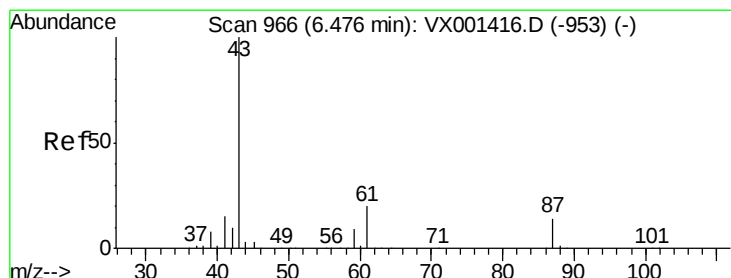
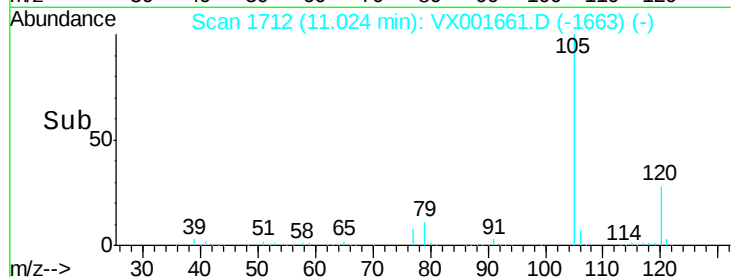
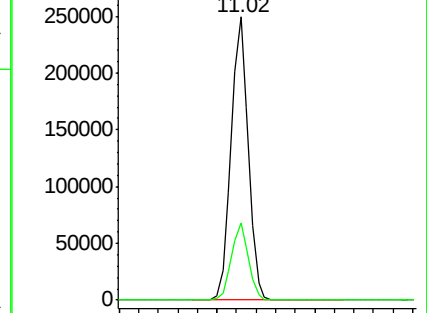
105 100

120 27.0 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 19.73 ug/l

RT: 6.47 min Scan# 965

Delta R.T. -0.01 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Tgt Ion: 43 Resp: 129566

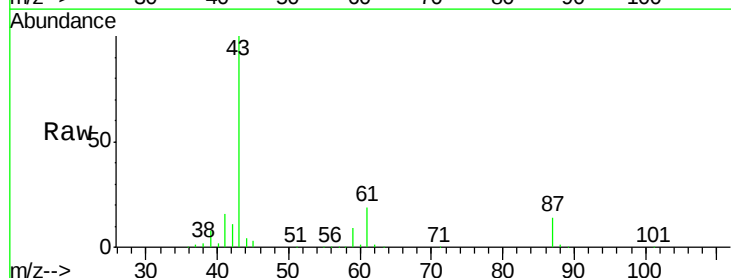
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1

61 20.0 15.4 23.0

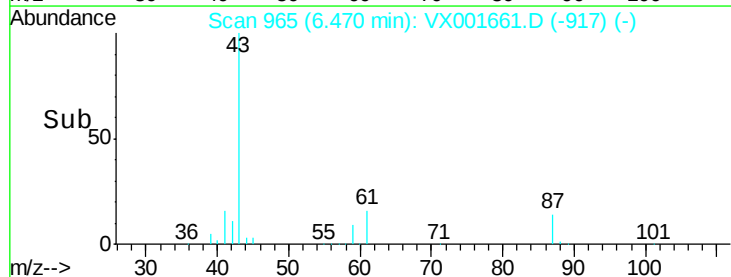
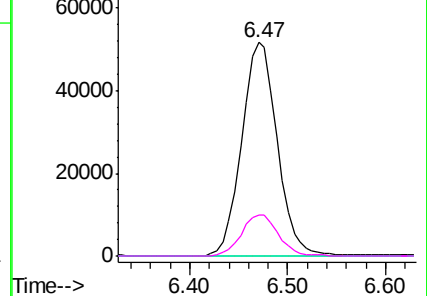


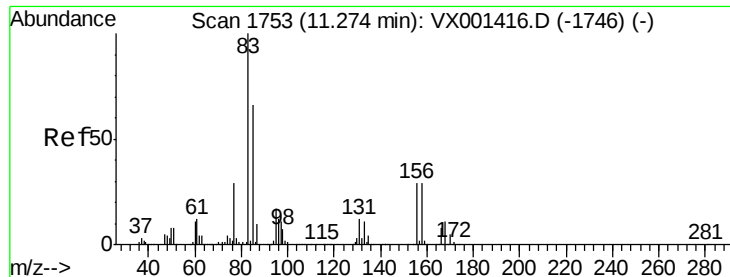
Abundance Ion 43.00 (42.70 to 43.70): VX0

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: 20.51 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

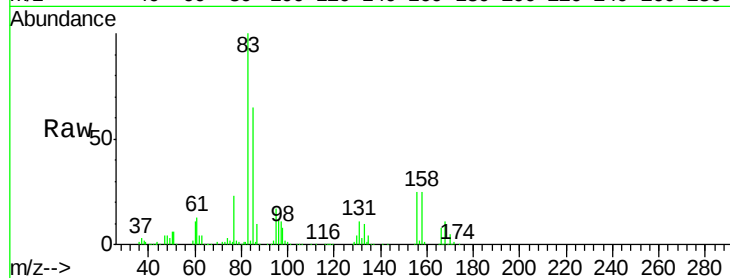
Tgt Ion: 83 Resp: 87569

Ion Ratio Lower Upper

83 100

131 11.4 5.8 17.4

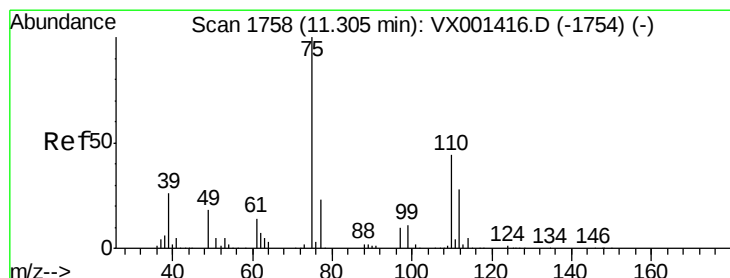
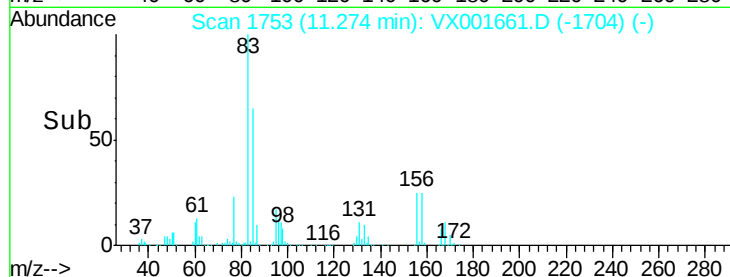
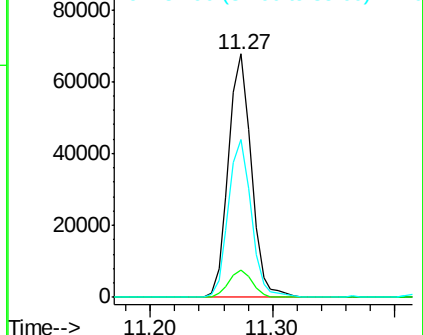
85 65.1 32.7 98.1



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 130.80 (130.50 to 131.50): VX0

Ion 84.90 (84.60 to 85.60): VX0



#76

1,2,3-Trichloropropane

Concen: 24.12 ug/l

RT: 11.30 min Scan# 1757

Delta R.T. -0.01 min

Lab File: VX001661.D

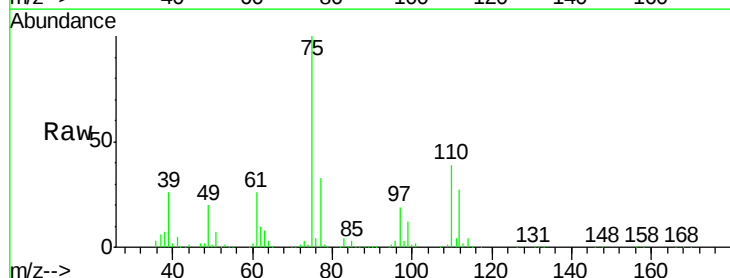
Acq: 12 May 2018 12:43

Tgt Ion: 75 Resp: 102177

Ion Ratio Lower Upper

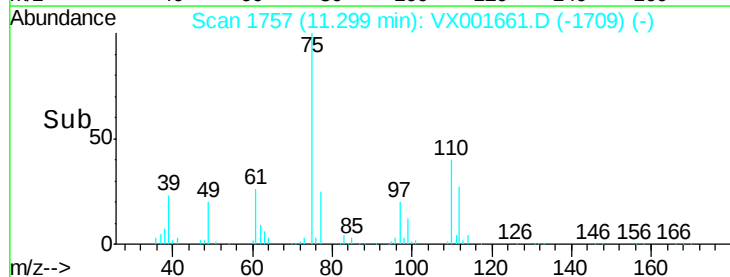
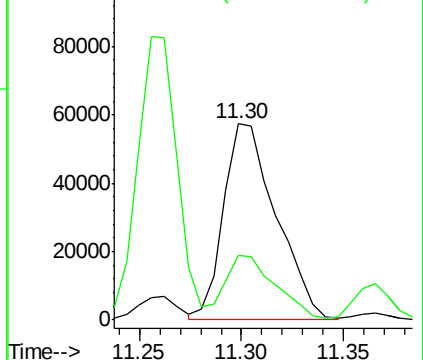
75 100

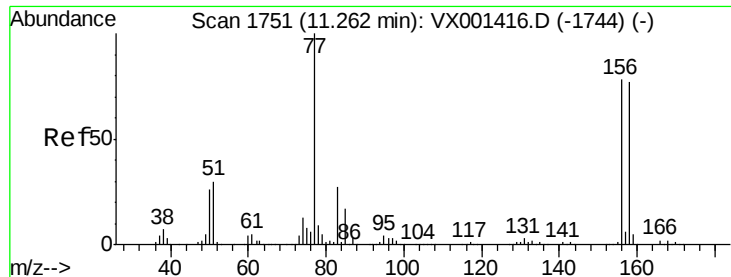
77 31.9 19.6 58.7



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#77

Bromobenzene

Concen: 20.07 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampled :

VX0512WBS01

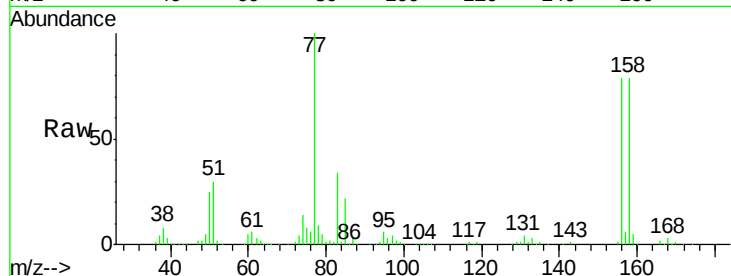
Tgt Ion:156 Resp: 84365

Ion Ratio Lower Upper

156 100

77 131.3 66.0 198.2

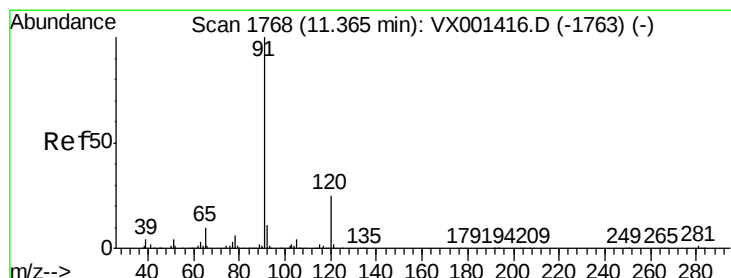
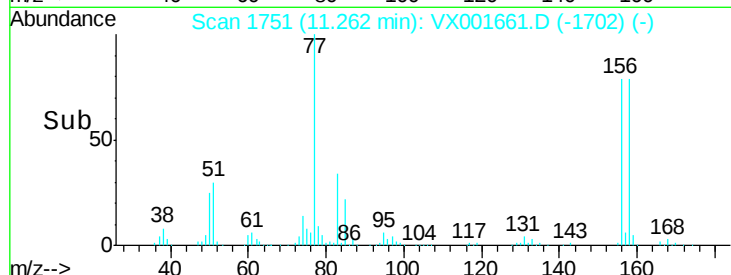
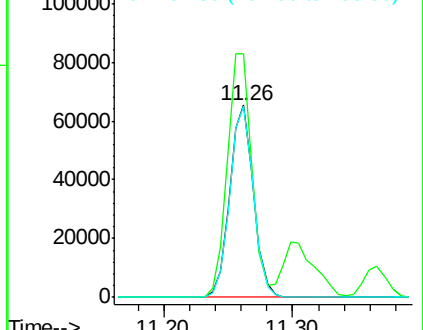
158 99.1 49.4 148.2



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: 21.30 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001661.D

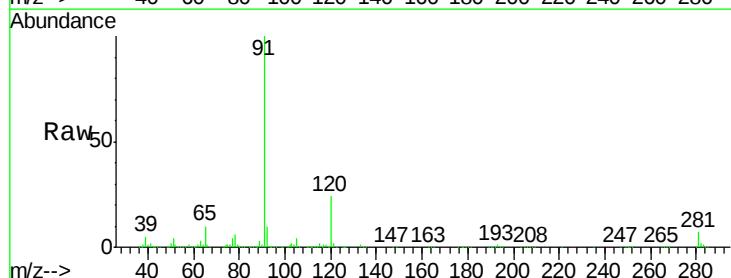
Acq: 12 May 2018 12:43

Tgt Ion: 91 Resp: 335394

Ion Ratio Lower Upper

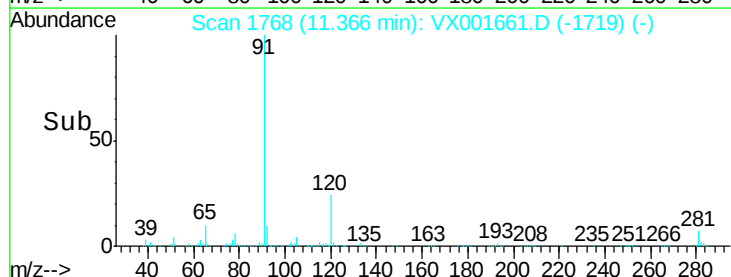
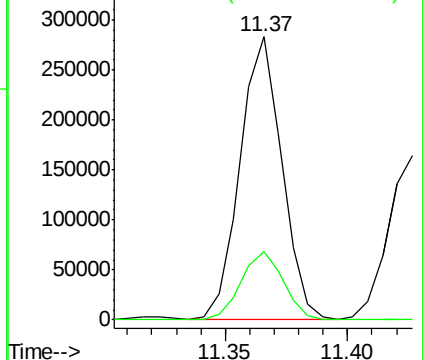
91 100

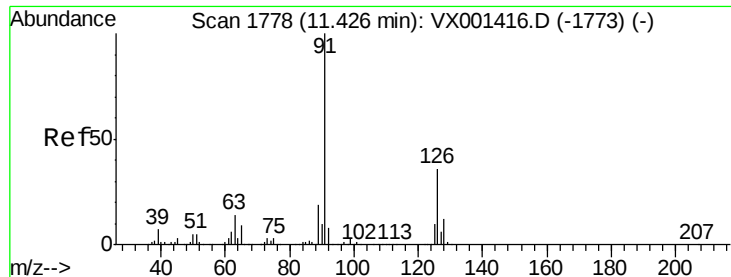
120 24.7 12.5 37.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 20.73 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampled :

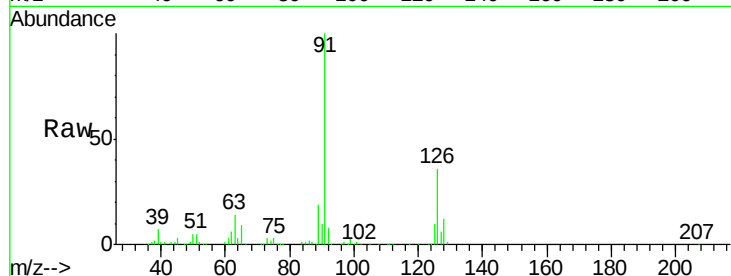
VX0512WBS01

Tgt Ion: 91 Resp: 200880

Ion Ratio Lower Upper

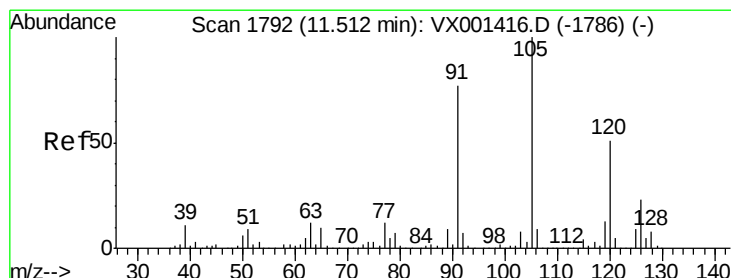
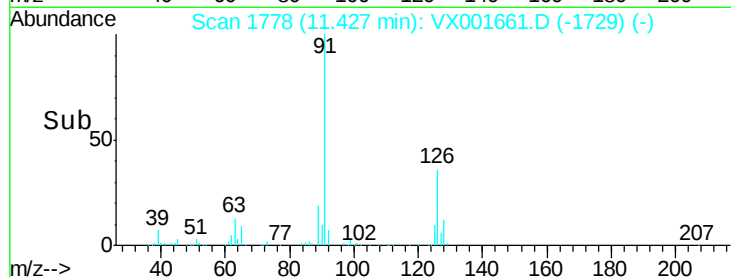
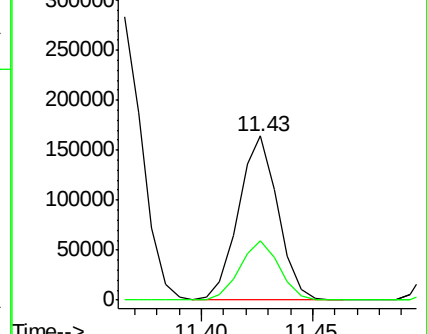
91 100

126 36.4 18.1 54.4



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V



#80

1,3,5-Trimethylbenzene

Concen: 20.96 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001661.D

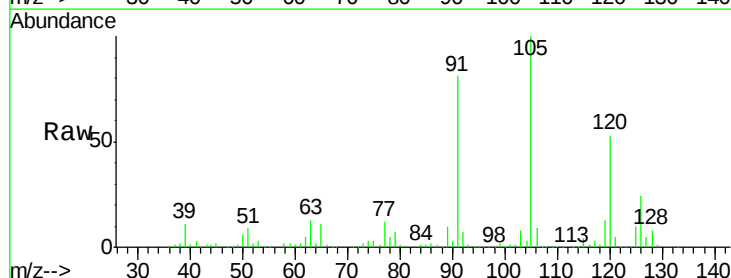
Acq: 12 May 2018 12:43

Tgt Ion: 105 Resp: 252260

Ion Ratio Lower Upper

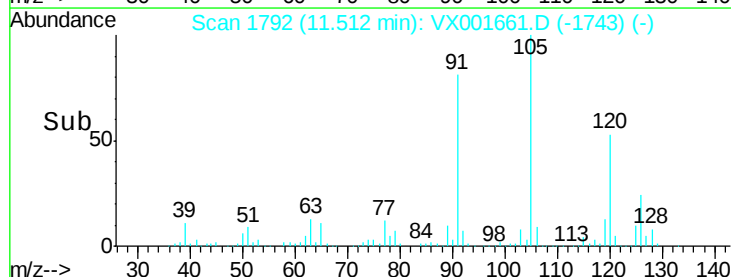
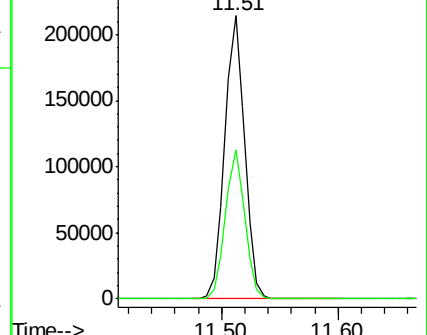
105 100

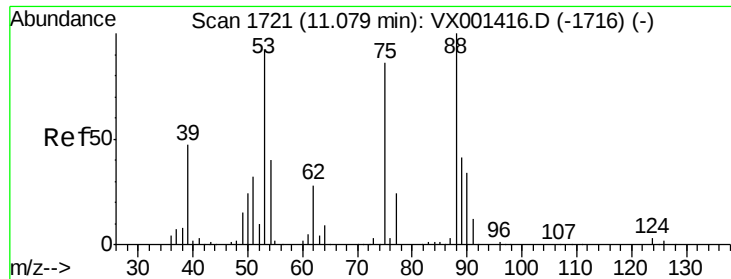
120 51.6 25.7 77.1



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V





#81

trans-1,4-Dichloro-2-butene

Concen: 19.29 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampleId :

VX0512WBS01

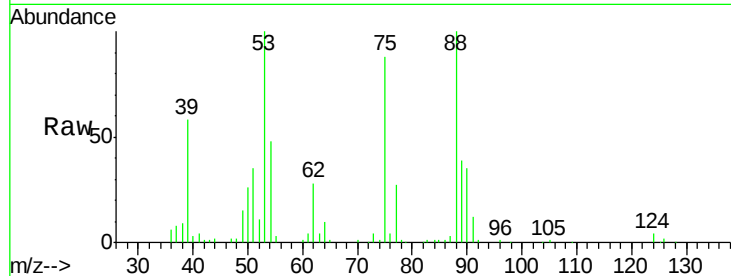
Tgt Ion: 75 Resp: 21792

Ion Ratio Lower Upper

75 100

53 117.2 84.5 126.7

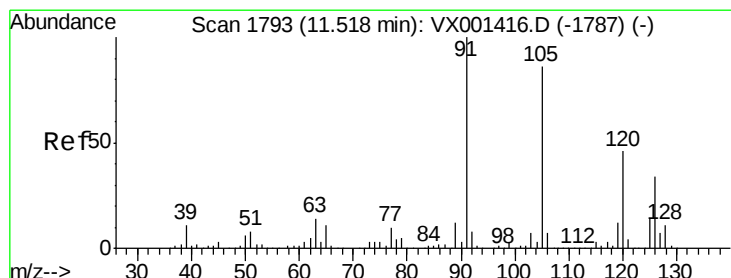
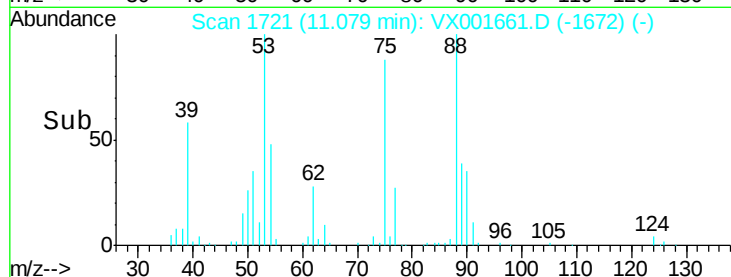
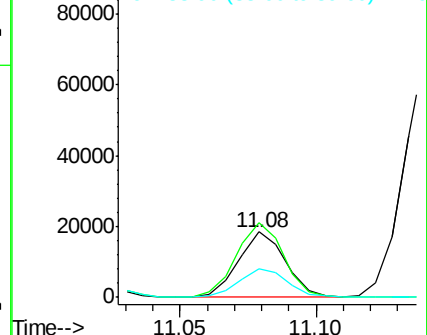
89 46.6 39.5 59.3



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: 20.92 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001661.D

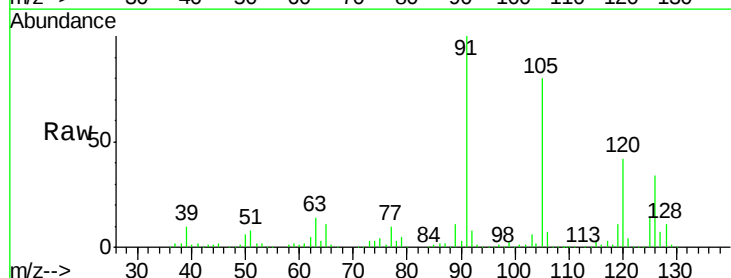
Acq: 12 May 2018 12:43

Tgt Ion: 91 Resp: 233852

Ion Ratio Lower Upper

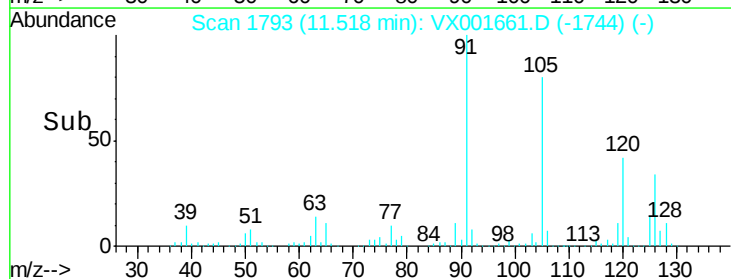
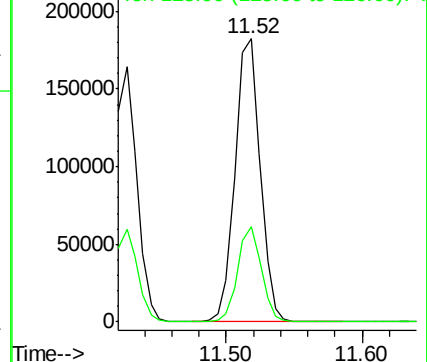
91 100

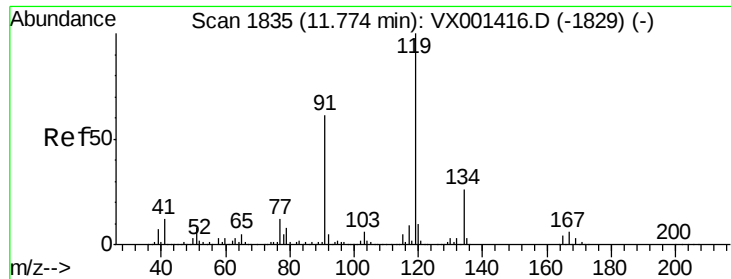
126 32.1 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

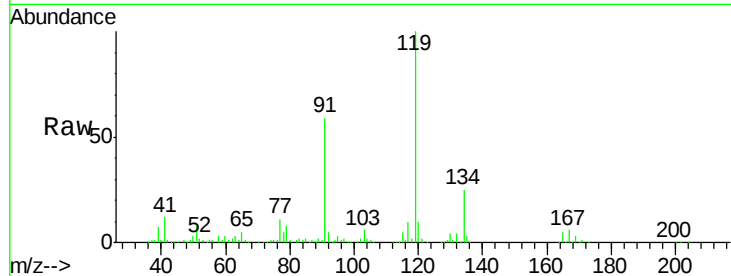




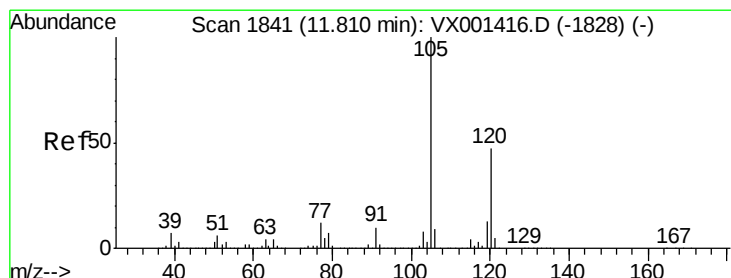
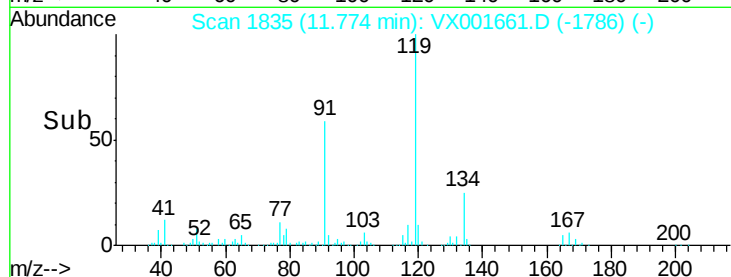
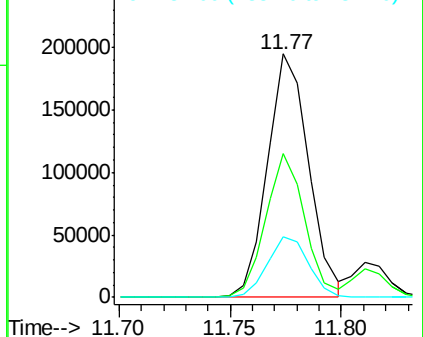
#83
 tert-Butylbenzene
 Concen: 20.93 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Instrument :
 MSVOA_X
 ClientSampled :
 VX0512WBS01

Tgt Ion:119 Resp: 250658
 Ion Ratio Lower Upper
 119 100
 91 55.8 27.8 83.3
 134 24.8 12.4 37.0

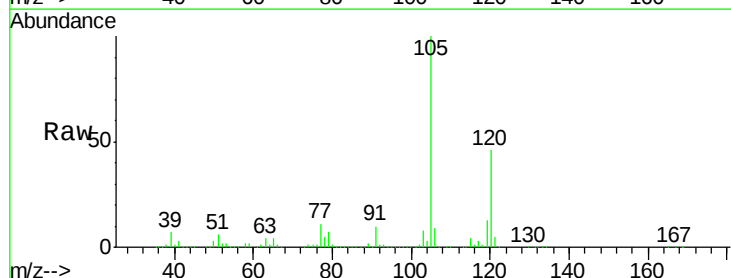


Abundance Ion 119.00 (118.70 to 119.70): V
 Ion 91.00 (90.70 to 91.70): VX0
 Ion 134.00 (133.70 to 134.70): V

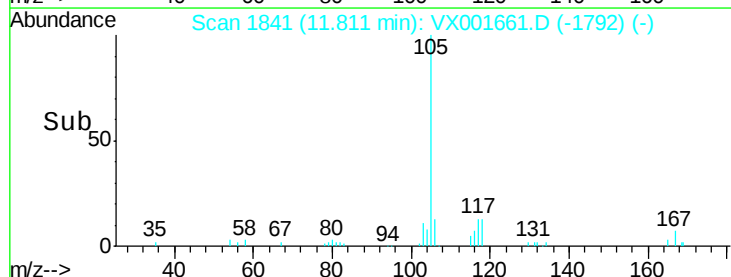
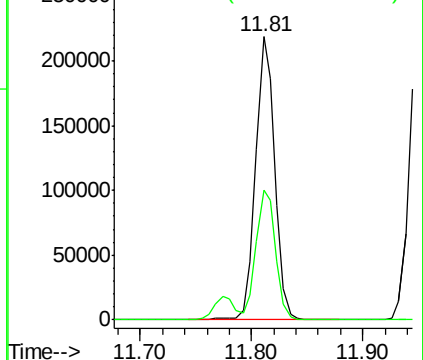


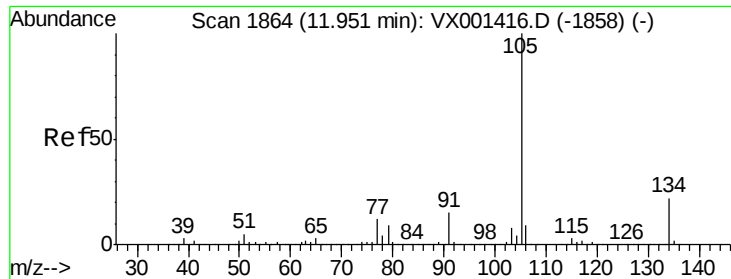
#84
 1,2,4-Trimethylbenzene
 Concen: 21.12 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion:105 Resp: 261264
 Ion Ratio Lower Upper
 105 100
 120 46.8 23.4 70.2



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

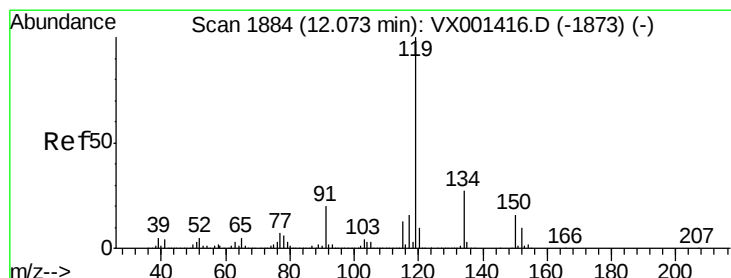
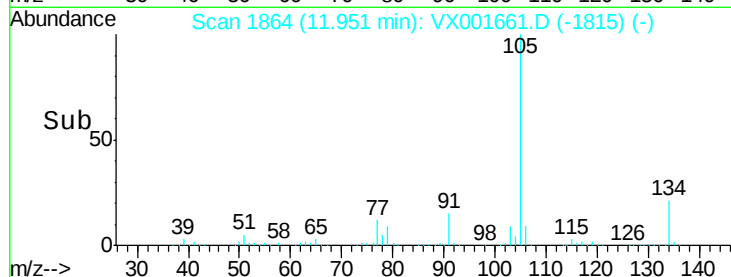
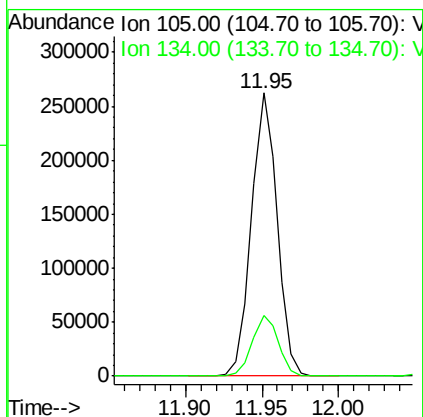
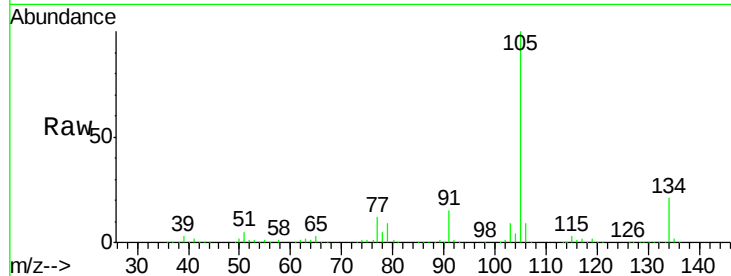




#85
 sec-Butylbenzene
 Concen: 21.32 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

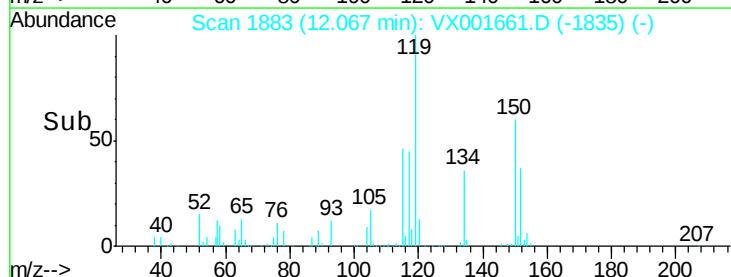
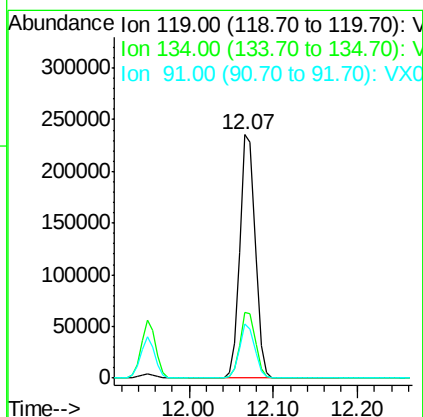
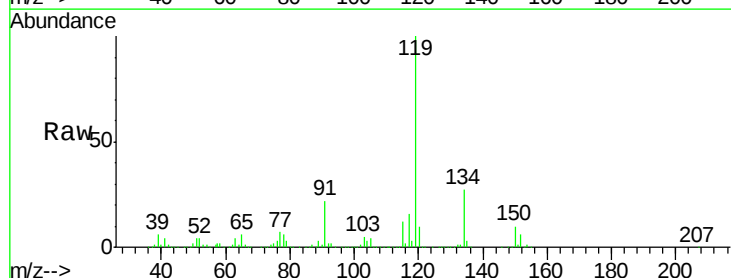
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

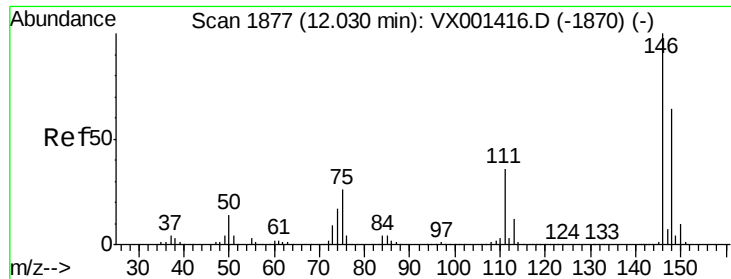
Tgt Ion:105 Resp: 306462
 Ion Ratio Lower Upper
 105 100
 134 21.7 10.9 32.9



#86
 p-Isopropyltoluene
 Concen: 21.61 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion:119 Resp: 285034
 Ion Ratio Lower Upper
 119 100
 134 27.0 13.6 40.8
 91 21.8 10.8 32.3

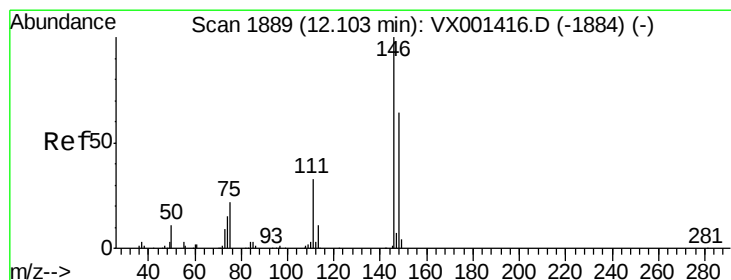
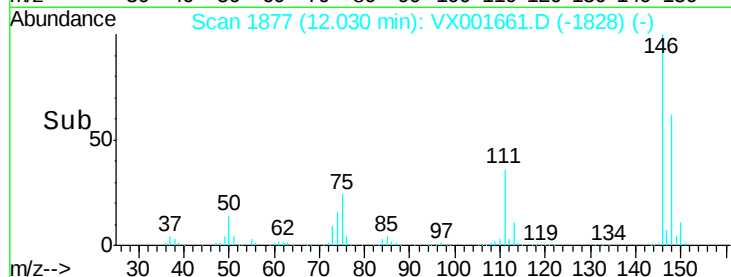
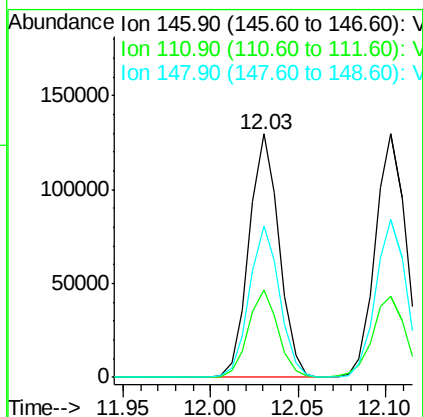
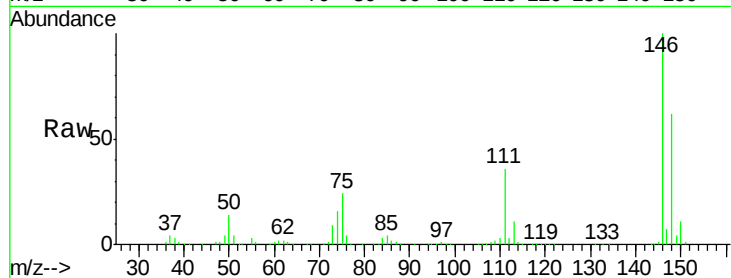




#87
 1,3-Dichlorobenzene
 Concen: 20.63 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

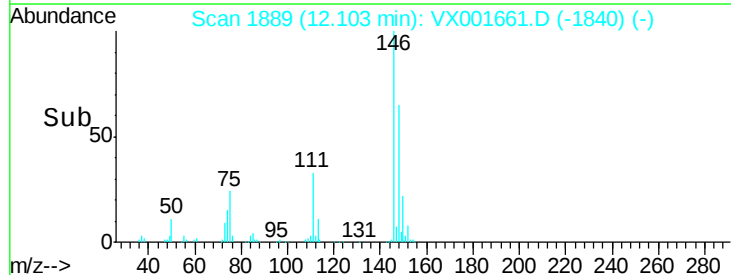
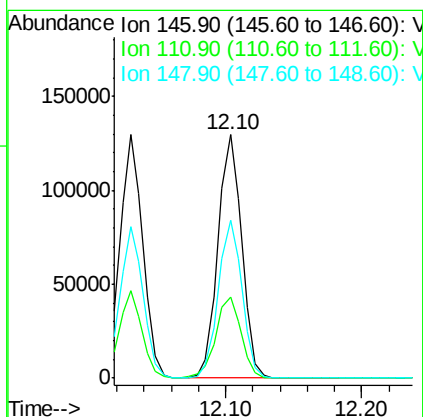
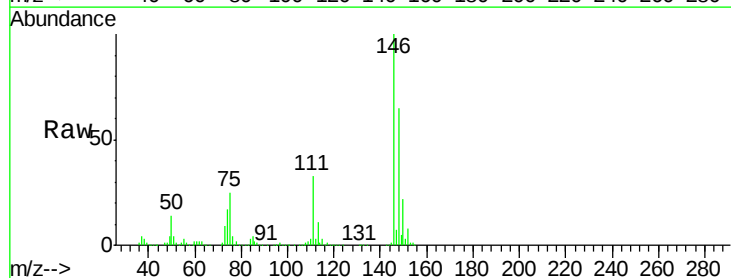
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

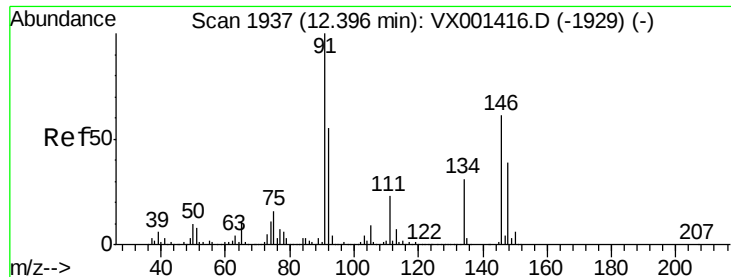
Tgt Ion:146 Resp: 154973
 Ion Ratio Lower Upper
 146 100
 111 35.3 18.1 54.1
 148 62.8 32.1 96.5



#88
 1,4-Dichlorobenzene
 Concen: 20.47 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion:146 Resp: 156848
 Ion Ratio Lower Upper
 146 100
 111 35.7 17.4 52.3
 148 65.2 32.2 96.6





#89

n-Butylbenzene

Concen: 20.56 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX001661.D

Acq: 12 May 2018 12:43

Instrument :

MSVOA_X

ClientSampled :

VX0512WBS01

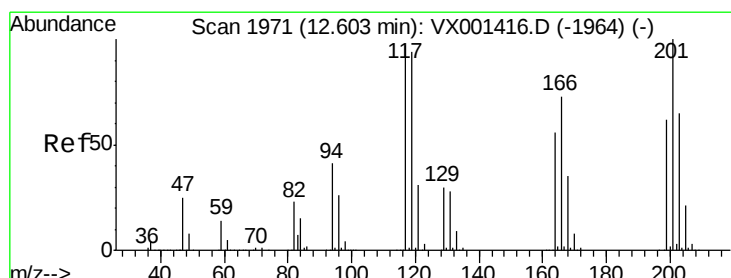
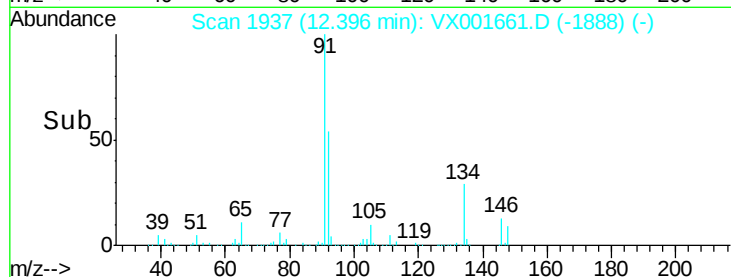
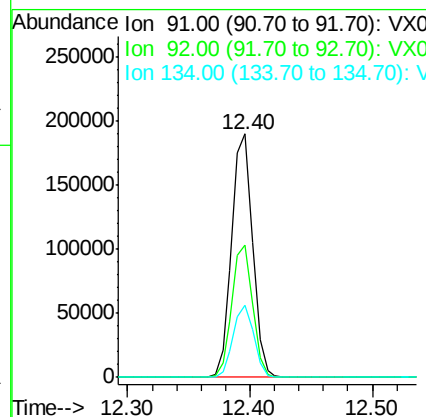
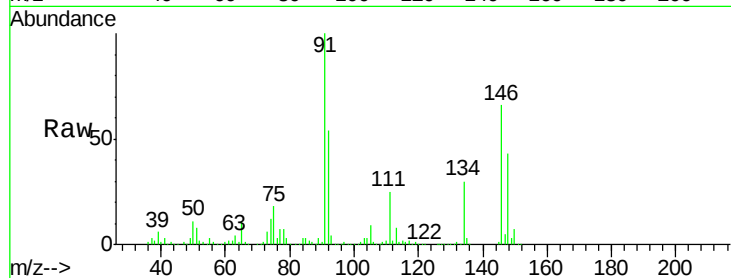
Tgt Ion: 91 Resp: 224696

Ion Ratio Lower Upper

91 100

92 53.9 27.2 81.5

134 29.0 14.6 44.0



#90

Hexachloroethane

Concen: 21.29 ug/l

RT: 12.60 min Scan# 1971

Delta R.T. 0.00 min

Lab File: VX001661.D

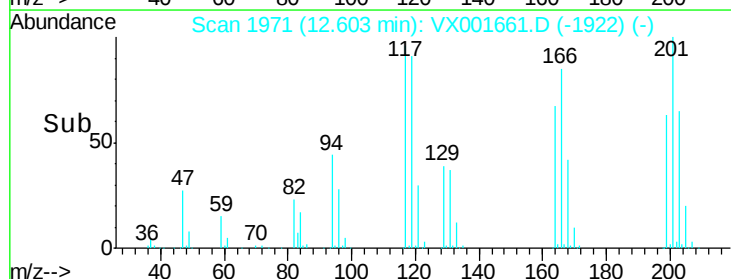
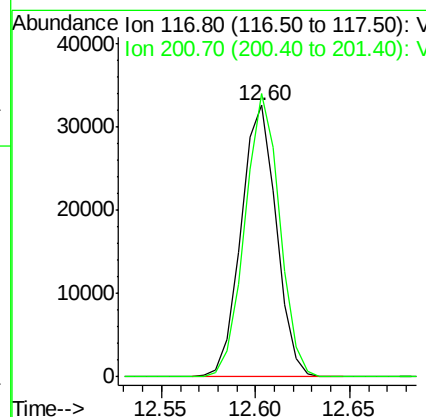
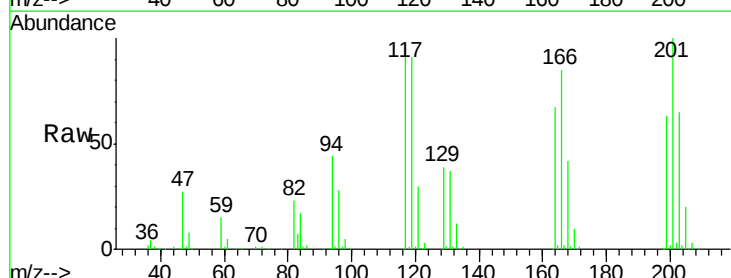
Acq: 12 May 2018 12:43

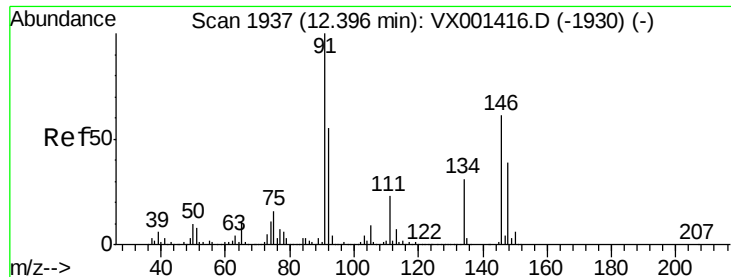
Tgt Ion: 117 Resp: 42268

Ion Ratio Lower Upper

117 100

201 102.4 51.5 154.5

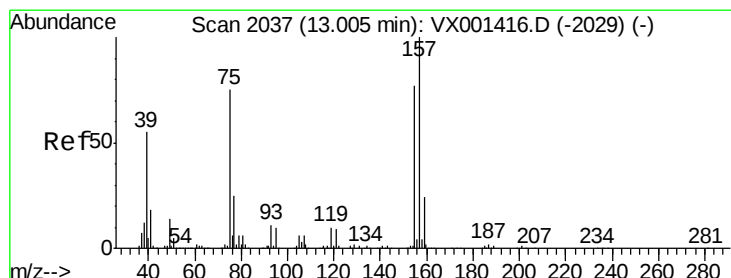
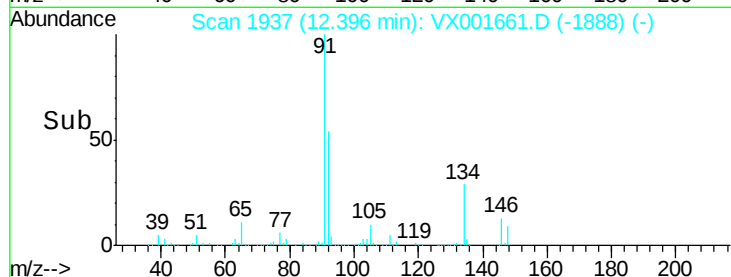
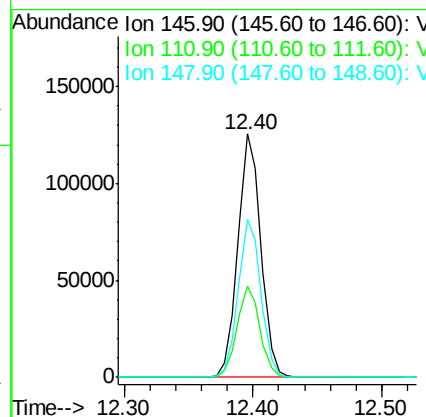
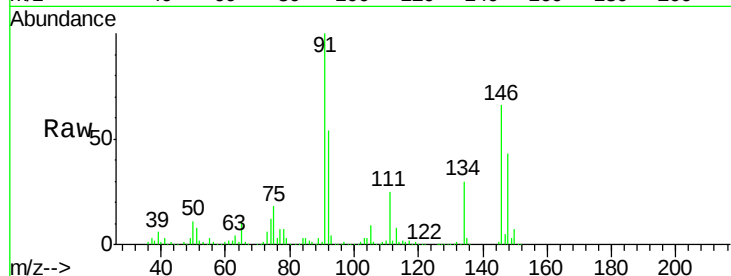




#91
 1,2-Dichlorobenzene
 Concen: 20.47 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

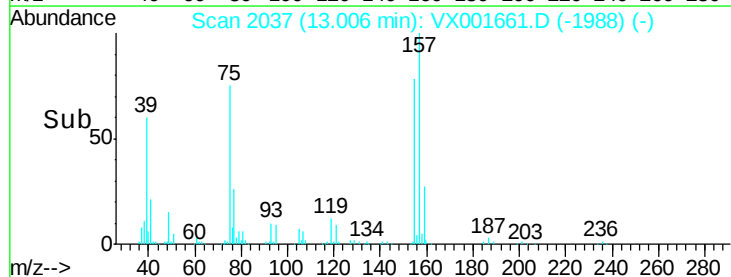
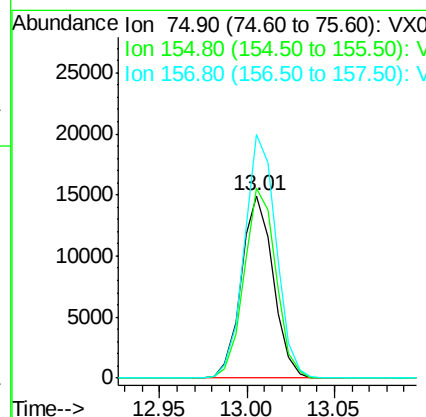
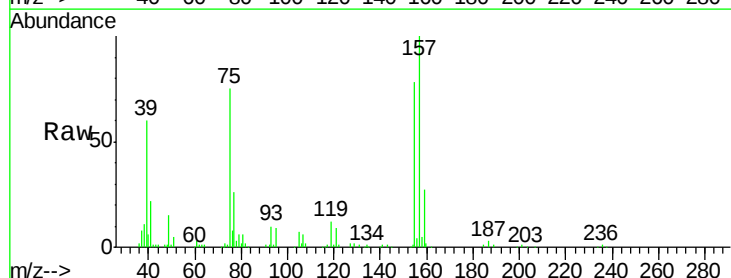
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

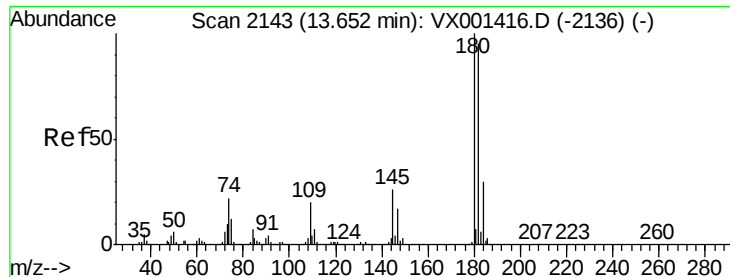
Tgt Ion: 146 Resp: 156513
 Ion Ratio Lower Upper
 146 100
 111 37.3 18.6 55.8
 148 64.5 32.1 96.5



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.16 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion: 75 Resp: 18910
 Ion Ratio Lower Upper
 75 100
 155 103.7 53.4 160.2
 157 132.9 68.3 204.8

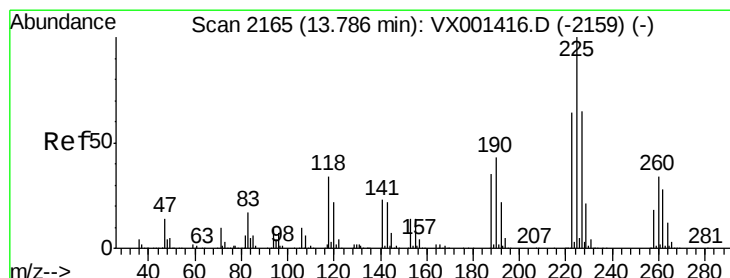
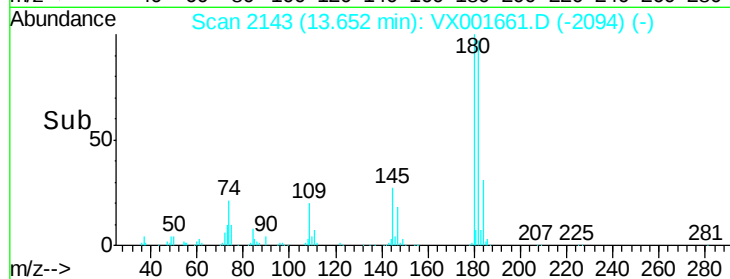
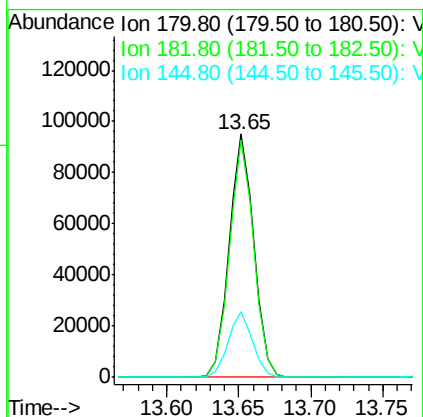
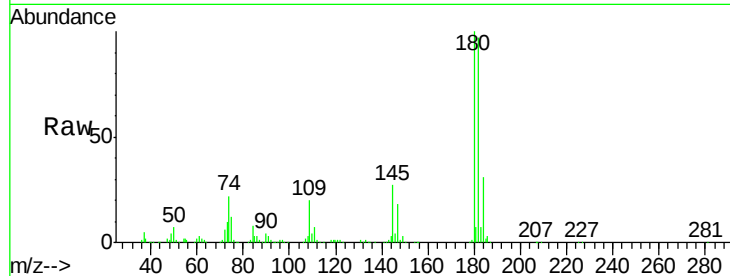




#93
 1,2,4-Trichlorobenzene
 Concen: 20.49 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

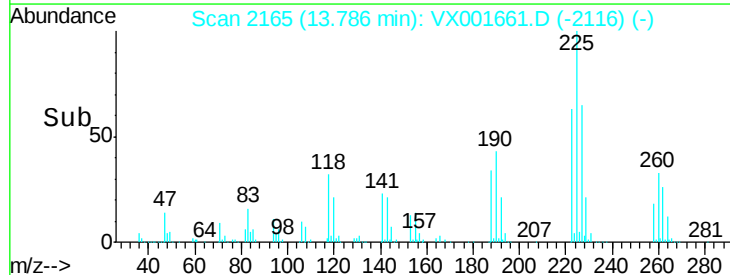
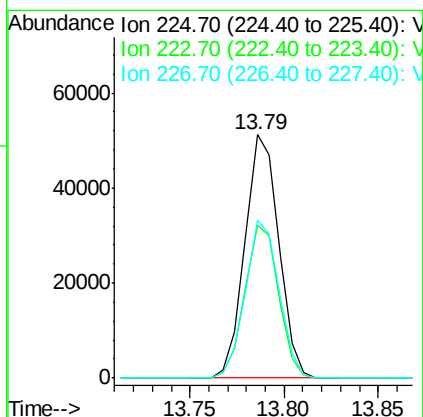
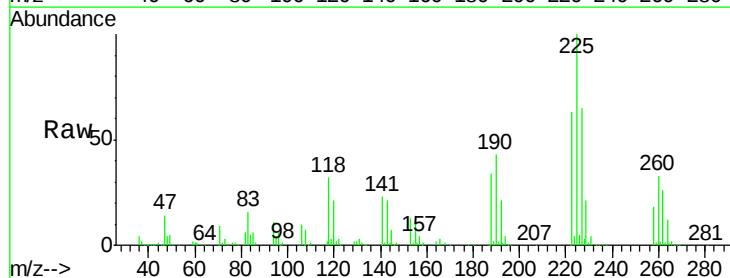
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0512WBS01

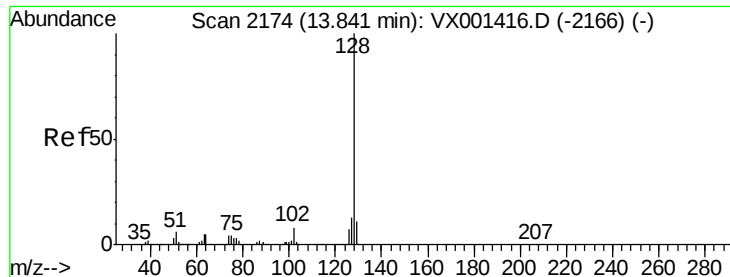
Tgt Ion:180 Resp: 114642
 Ion Ratio Lower Upper
 180 100
 182 96.0 47.8 143.4
 145 26.8 13.3 39.9



#94
 Hexachlorobutadiene
 Concen: 20.87 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001661.D
 Acq: 12 May 2018 12:43

Tgt Ion:225 Resp: 63883
 Ion Ratio Lower Upper
 225 100
 223 62.8 31.3 93.9
 227 64.5 32.4 97.2

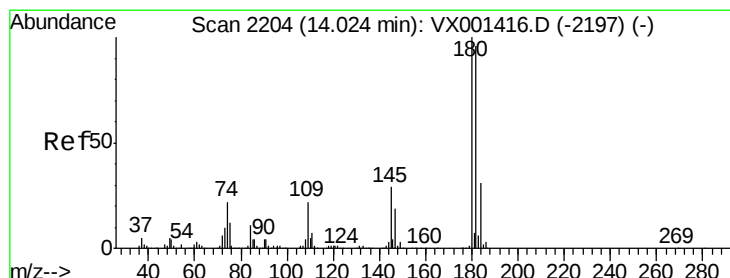
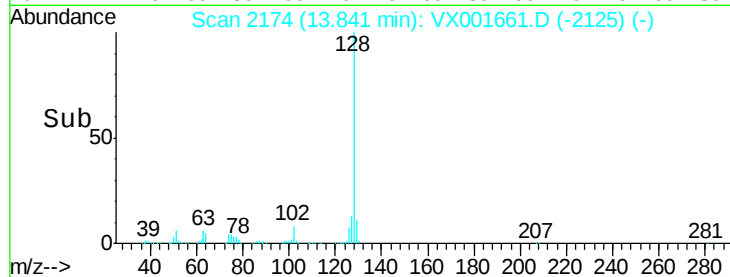
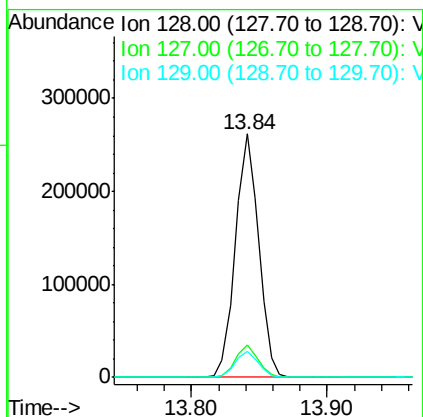
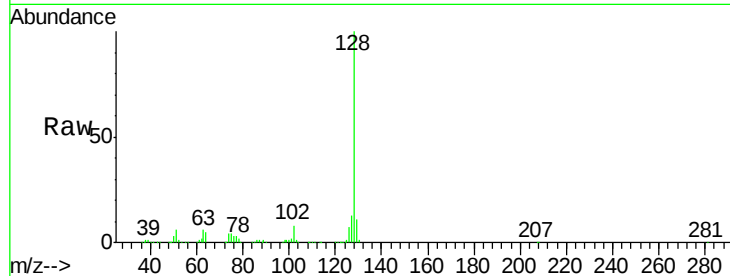




#95
Naphthalene
Concen: 20.21 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Instrument :
MSVOA_X
ClientSampleId :
VX0512WBS01

Tgt Ion:128 Resp: 312616
Ion Ratio Lower Upper
128 100
127 12.9 10.4 15.6
129 10.8 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 20.69 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001661.D
Acq: 12 May 2018 12:43

Tgt Ion:180 Resp: 118765
Ion Ratio Lower Upper
180 100
182 96.1 48.0 144.2
145 28.6 14.1 42.4

