

Data File : VX001079.D

Acq On : 24 Apr 2018 16:20

Operator : JC/MD

Sample : VX0424WBS01

Misc : 5.0mL/MSVOA_X/WATER

ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Quant Time: Apr 25 07:18:01 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 05:03:28 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	269046	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	361572	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	343800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	231696	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	166974	48.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.92%	
35) Dibromofluoromethane	5.51	113	135260	49.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.12%	
50) Toluene-d8	8.72	98	477658	46.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.70%	
62) 4-Bromofluorobenzene	11.14	95	194997	45.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	68789	20.62	ug/l	99
3) Chloromethane	1.32	50	59579	19.17	ug/l	100
4) Vinyl Chloride	1.40	62	61475	19.09	ug/l	99
5) Bromomethane	1.64	94	44120	21.56	ug/l	97
6) Chloroethane	1.73	64	38538	20.14	ug/l	98
7) Trichlorofluoromethane	1.93	101	100692	20.81	ug/l	99
8) Diethyl Ether	2.19	74	36208	20.26	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	57845	20.41	ug/l	98
10) Methyl Iodide	2.51	142	32432	17.43	ug/l	99
11) Tert butyl alcohol	3.08	59	66706	129.69	ug/l	98
12) 1,1-Dichloroethene	2.38	96	51517	19.65	ug/l	96
13) Acrolein	2.30	56	22839	147.23	ug/l	97
14) Allyl chloride	2.73	41	94385	19.90	ug/l	98
15) Acrylonitrile	3.15	53	149778	107.60	ug/l	100
16) Acetone	2.45	43	151052	117.62	ug/l	99
17) Carbon Disulfide	2.57	76	123762	16.57	ug/l	99
18) Methyl Acetate	2.78	43	96597	24.86	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	183019	20.77	ug/l	99
20) Methylene Chloride	2.86	84	69791	25.02	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	55085	18.88	ug/l	98
22) Diisopropyl ether	3.88	45	185591	20.21	ug/l	98
23) Vinyl Acetate	3.83	43	748521	98.45	ug/l	99
24) 1,1-Dichloroethane	3.70	63	100651	19.54	ug/l	99
25) 2-Butanone	4.71	43	220931	110.20	ug/l	99
26) 2,2-Dichloropropane	4.59	77	86502	19.52	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	62728	19.30	ug/l	100
28) Bromochloromethane	5.03	49	32735	16.53	ug/l	96
29) Tetrahydrofuran	5.18	42	136485	107.74	ug/l	100
30) Chloroform	5.23	83	107450	20.14	ug/l	97
31) Cyclohexane	5.58	56	88969	18.50	ug/l	100
32) 1,1,1-Trichloroethane	5.51	97	94804	19.82	ug/l	98
36) 1,1-Dichloropropene	5.81	75	77818	18.31	ug/l	100
37) Ethyl Acetate	4.87	43	82522	21.17	ug/l	99
38) Carbon Tetrachloride	5.79	117	82162	19.10	ug/l	99

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Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Quant Time: Apr 25 07:18:01 2018

Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M

Quant Title : SW846 8260

QLast Update : Fri Apr 20 05:03:28 2018

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.47	83	93432	18.89	ug/l	99
40) Benzene	6.15	78	231247	19.58	ug/l	97
41) Methacrylonitrile	5.07	41	50069	20.57	ug/l	98
42) 1,2-Dichloroethane	6.21	62	90833	20.03	ug/l	100
43) Isopropyl Acetate	6.48	43	136387	20.40	ug/l	98
44) Trichloroethene	7.22	130	68249	18.91	ug/l	98
45) 1,2-Dichloropropane	7.52	63	60078	20.23	ug/l	96
46) Dibromomethane	7.67	93	41309	19.90	ug/l	99
47) Bromodichloromethane	7.91	83	76032	19.78	ug/l	99
48) Methyl methacrylate	7.79	41	72832	20.23	ug/l	97
49) 1,4-Dioxane	7.76	88	26568	501.79	ug/l	99
51) 4-Methyl-2-Pentanone	8.66	43	447967	110.34	ug/l	98
52) Toluene	8.79	92	151518	19.65	ug/l	100
53) t-1,3-Dichloropropene	8.45	75	89361	19.43	ug/l	98
54) cis-1,3-Dichloropropene	9.05	75	82154	18.95	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	61141	19.95	ug/l	99
56) Ethyl methacrylate	9.19	69	89607	19.91	ug/l	97
57) 1,3-Dichloropropane	9.38	76	101100	19.91	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	264608	120.46	ug/l	99
59) 2-Hexanone	9.51	43	345053	111.03	ug/l	98
60) Dibromochloromethane	9.59	129	62890	19.54	ug/l	99
61) 1,2-Dibromoethane	9.68	107	65332	20.20	ug/l	99
64) Tetrachloroethene	9.34	164	73340	20.09	ug/l	98
65) Chlorobenzene	10.15	112	177772	19.42	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	62754	19.97	ug/l	99
67) Ethyl Benzene	10.26	91	295551	19.44	ug/l	98
68) m/p-Xylenes	10.37	106	232682	38.83	ug/l	99
69) o-Xylene	10.71	106	112028	19.39	ug/l	97
70) Styrene	10.72	104	184788	19.42	ug/l	98
71) Bromoform	10.86	173	49050	18.58	ug/l	100
73) Isopropylbenzene	11.02	105	305725	20.18	ug/l	99
74) N-amyl acetate	6.48	43	136387	21.05	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	91148	21.26	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	102624	25.53	ug/l	87
77) Bromobenzene	11.26	156	86420	19.65	ug/l	98
78) n-propylbenzene	11.37	91	344497	19.81	ug/l	100
79) 2-Chlorotoluene	11.43	91	205151	19.96	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	261618	20.38	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	20874	18.15	ug/l	89
82) 4-Chlorotoluene	11.52	91	245312	19.76	ug/l	99
83) tert-Butylbenzene	11.77	119	258044	19.92	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	267914	20.28	ug/l	99
85) sec-Butylbenzene	11.95	105	313068	20.25	ug/l	100
86) p-Isopropyltoluene	12.07	119	288354	20.16	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	157712	19.16	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	161872	19.16	ug/l	99
89) n-Butylbenzene	12.39	91	245480	19.29	ug/l	99
90) Hexachloroethane	12.60	117	40138	19.80	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	159363	20.00	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	19625	21.85	ug/l	97

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX042418\
Quantitation Report (Not Reviewed)

Data File : VX001079.D
Acq On : 24 Apr 2018 16:20
Operator : JC/MD
Sample : VX0424WBS01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Quant Time: Apr 25 07:18:01 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X041918W.M
Quant Title : SW846 8260
QLast Update : Fri Apr 20 05:03:28 2018
Response via : Initial Calibration

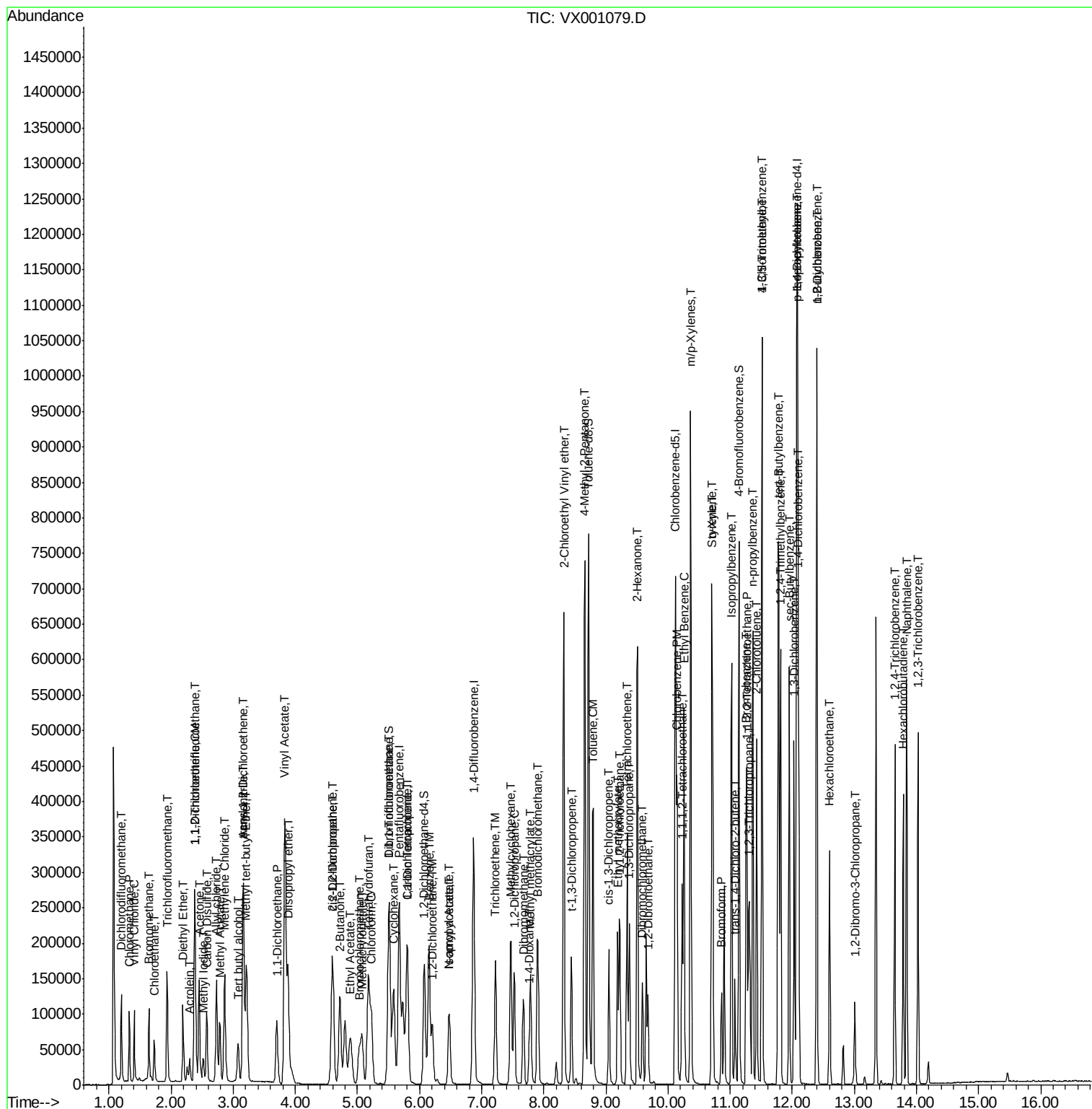
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	121739	18.20	ug/l	100
94) Hexachlorobutadiene	13.79	225	65137	21.52	ug/l	98
95) Naphthalene	13.84	128	342869	20.84	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	124631	19.26	ug/l	99

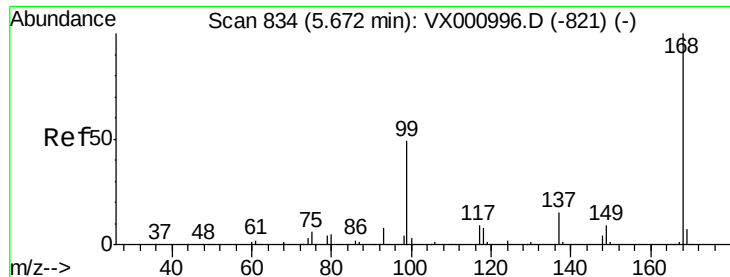
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial      : 5      Sample Multiplier: 1
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VX0424WBS01

Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampled :

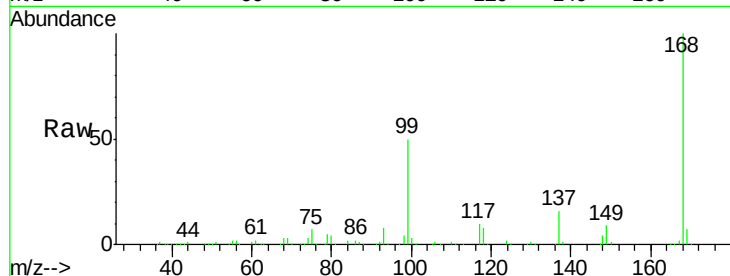
VX0424WBS01

Tgt Ion:168 Resp: 269046

Ion Ratio Lower Upper

168 100

99 50.0 39.2 58.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

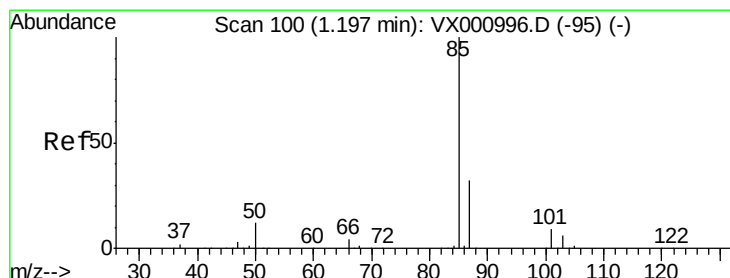
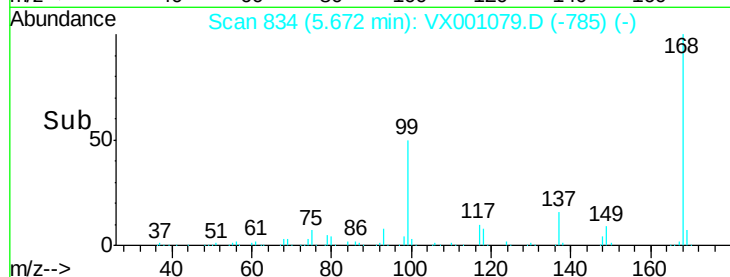
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 20.62 ug/l

RT: 1.20 min Scan# 100

Delta R.T. 0.00 min

Lab File: VX001079.D

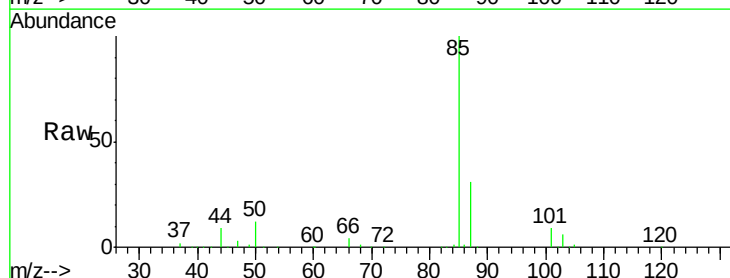
Acq: 24 Apr 2018 16:20

Tgt Ion: 85 Resp: 68789

Ion Ratio Lower Upper

85 100

87 31.0 15.8 47.4



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

80000

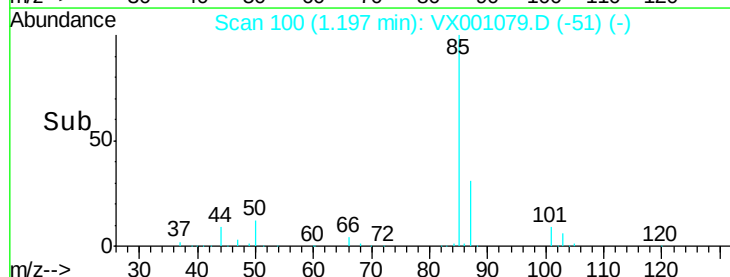
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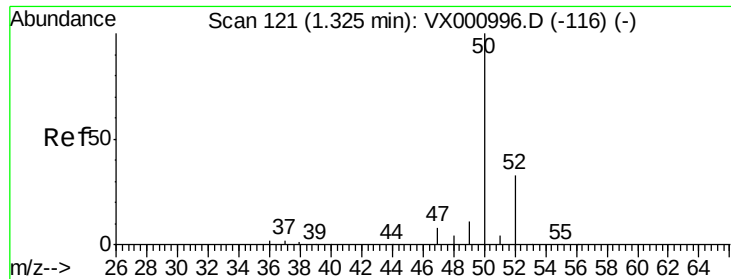
40000

20000

0

Time--> 1.15 1.20 1.25 1.30





#3

Chloromethane

Concen: 19.17 ug/l

RT: 1.32 min Scan# 121

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

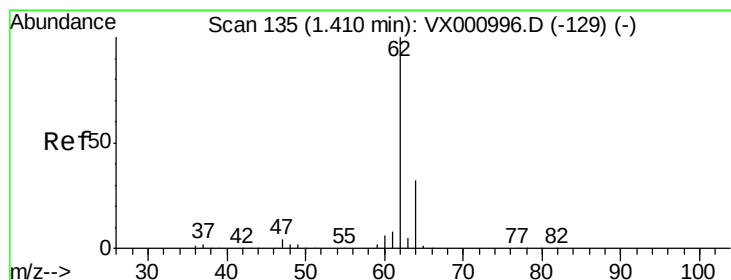
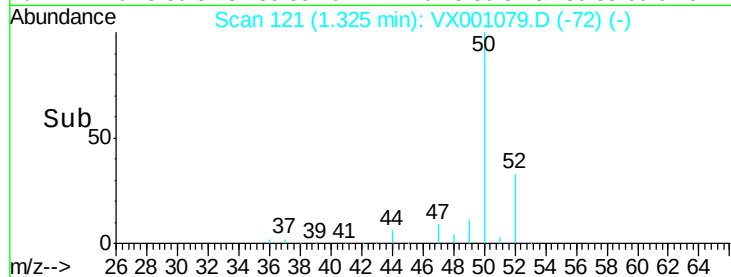
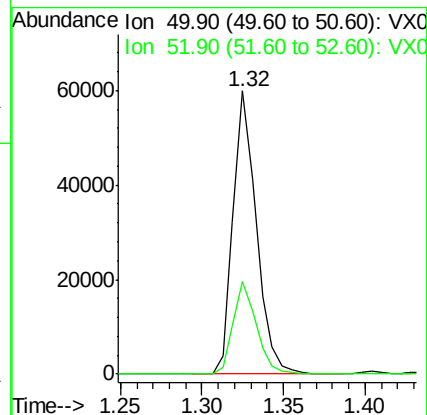
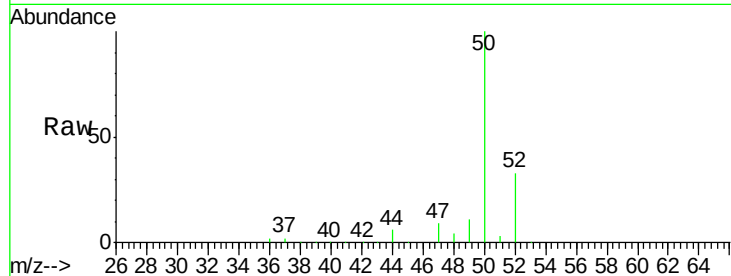
VX0424WBS01

Tgt Ion: 50 Resp: 59579

Ion Ratio Lower Upper

50 100

52 32.7 26.3 39.5



#4

Vinyl Chloride

Concen: 19.09 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX001079.D

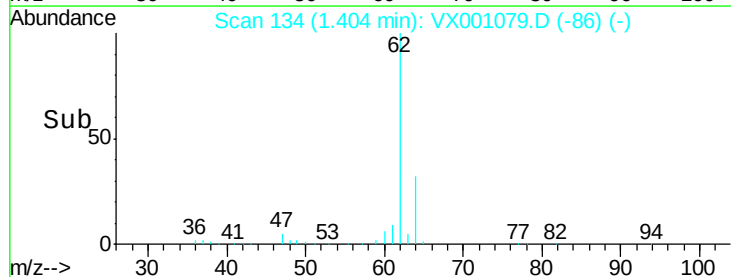
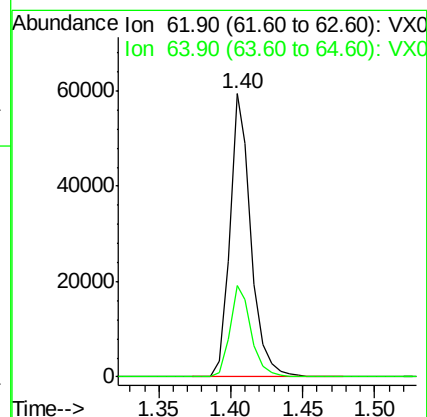
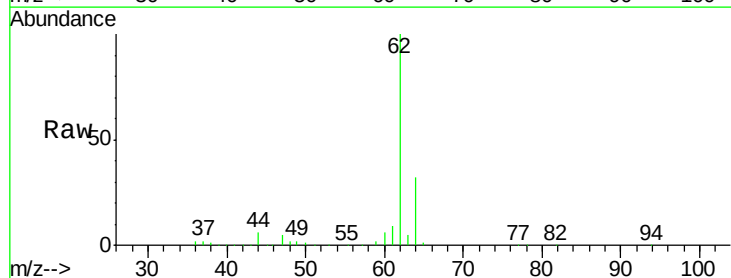
Acq: 24 Apr 2018 16:20

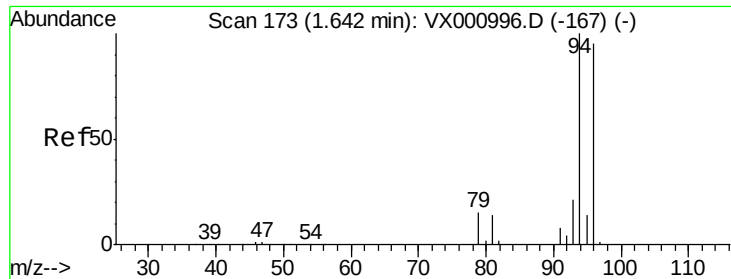
Tgt Ion: 62 Resp: 61475

Ion Ratio Lower Upper

62 100

64 32.4 25.6 38.4





#5

Bromomethane

Concen: 21.56 ug/l

RT: 1.64 min Scan# 173

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

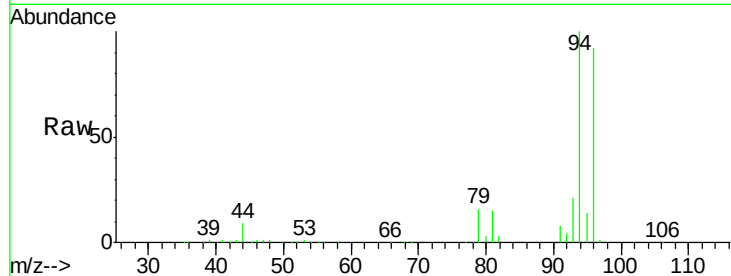
VX0424WBS01

Tgt Ion: 94 Resp: 44120

Ion Ratio Lower Upper

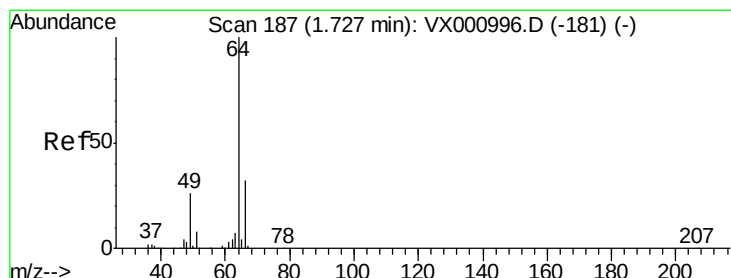
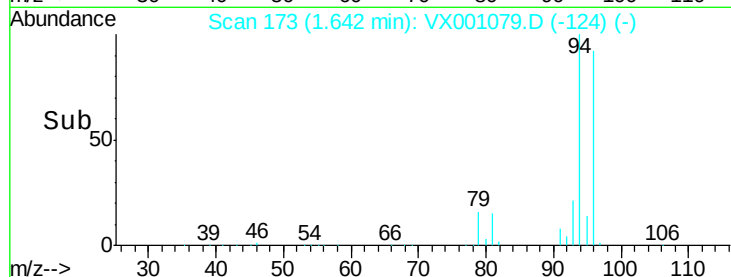
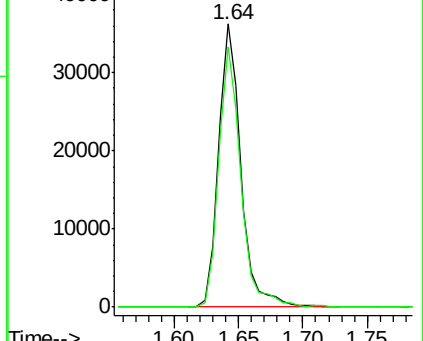
94 100

96 92.1 76.0 114.0



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



#6

Chloroethane

Concen: 20.14 ug/l

RT: 1.73 min Scan# 187

Delta R.T. 0.00 min

Lab File: VX001079.D

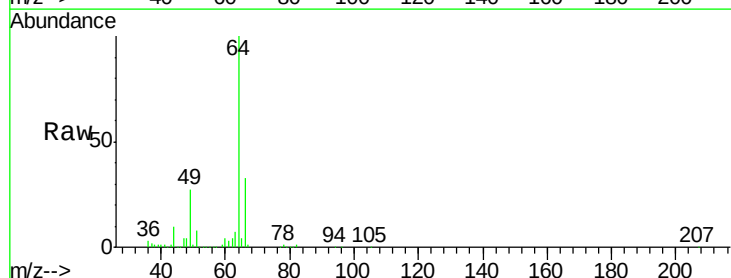
Acq: 24 Apr 2018 16:20

Tgt Ion: 64 Resp: 38538

Ion Ratio Lower Upper

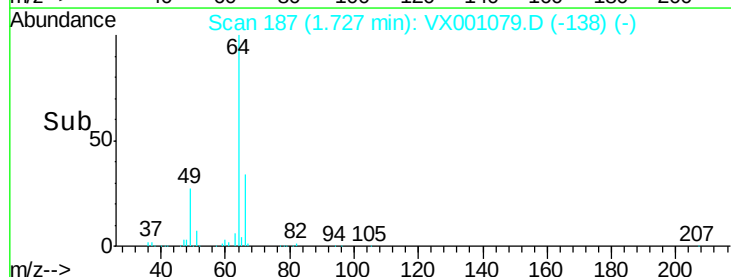
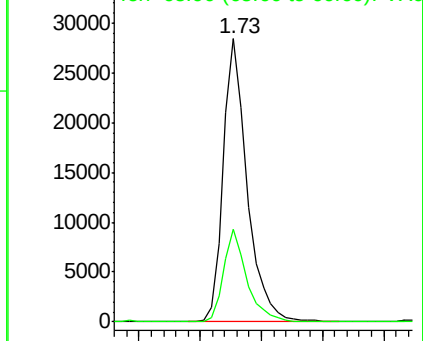
64 100

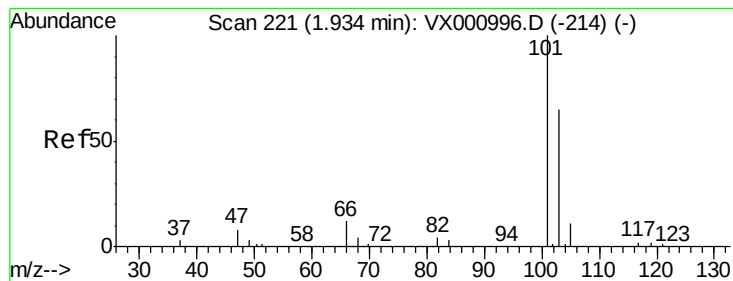
66 32.9 25.3 37.9



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0



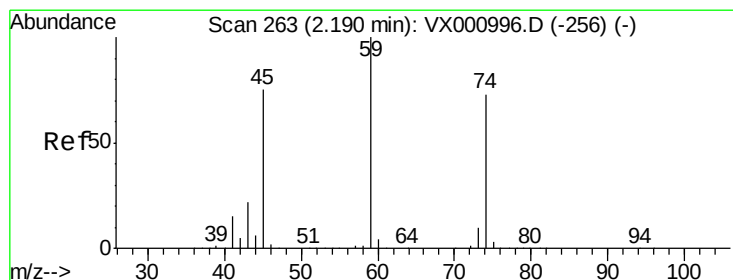
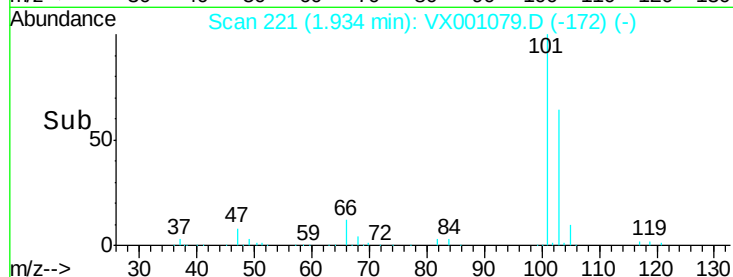
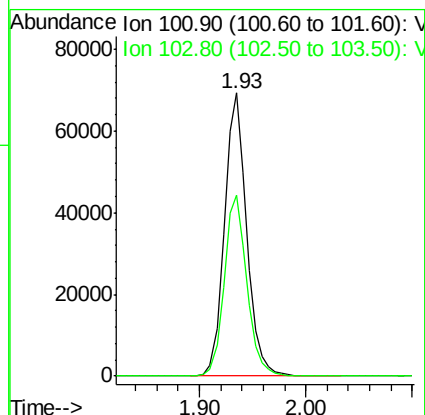
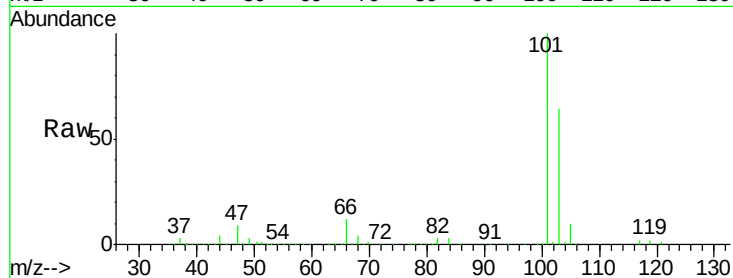


#7

Trichlorofluoromethane
 Concen: 20.81 ug/l
 RT: 1.93 min Scan# 221
 Delta R.T. 0.00 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

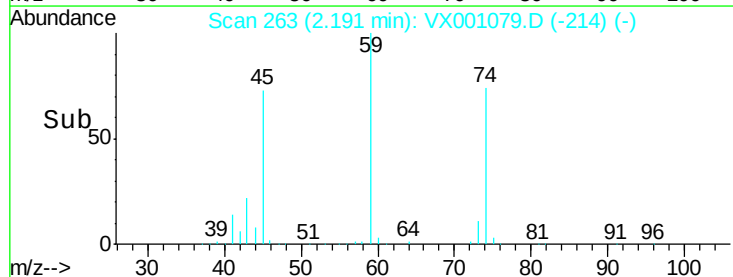
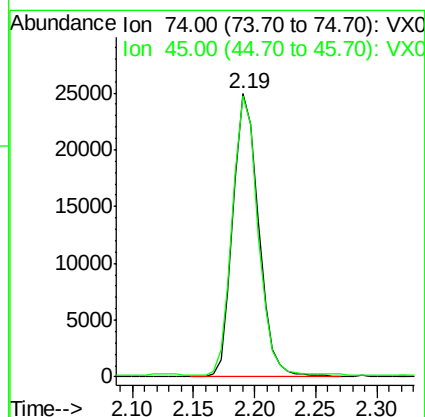
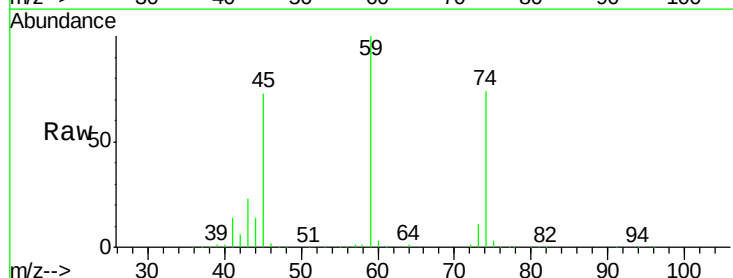
Tgt Ion: 101 Resp: 100692
 Ion Ratio Lower Upper
 101 100
 103 63.7 51.8 77.8

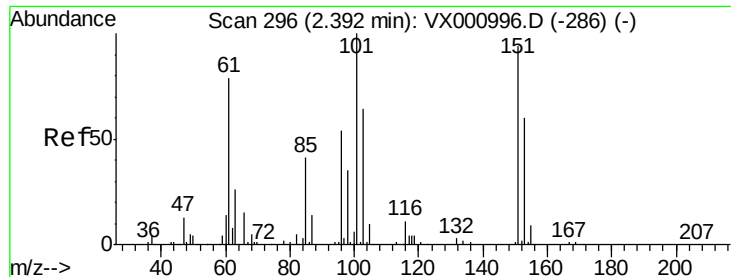


#8

Diethyl Ether
 Concen: 20.26 ug/l
 RT: 2.19 min Scan# 263
 Delta R.T. 0.00 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

Tgt Ion: 74 Resp: 36208
 Ion Ratio Lower Upper
 74 100
 45 98.0 49.0 147.0





#9

1,1,2-Trichlorotrifluoroethane

Concen: 20.41 ug/l

RT: 2.39 min Scan# 295

Delta R.T. -0.01 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

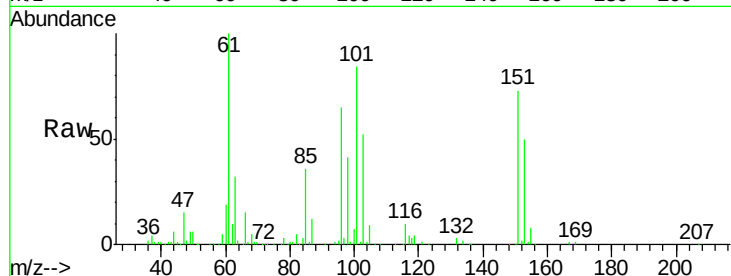
Tgt Ion:101 Resp: 57845

Ion Ratio Lower Upper

101 100

85 43.5 33.9 50.9

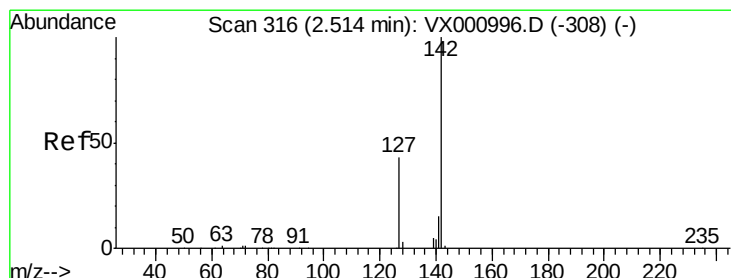
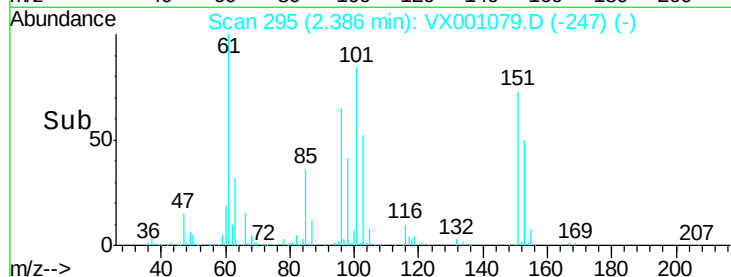
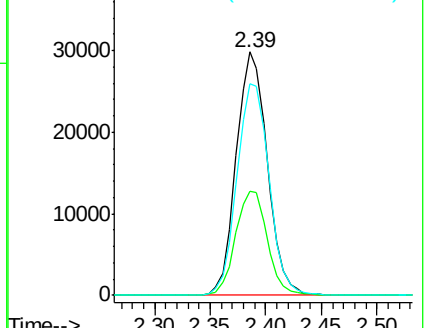
151 89.8 73.5 110.3



Abundance Ion 100.90 (100.60 to 101.60): V

Ion 84.90 (84.60 to 85.60): VX0

Ion 150.80 (150.50 to 151.50): V



#10

Methyl Iodide

Concen: 17.43 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

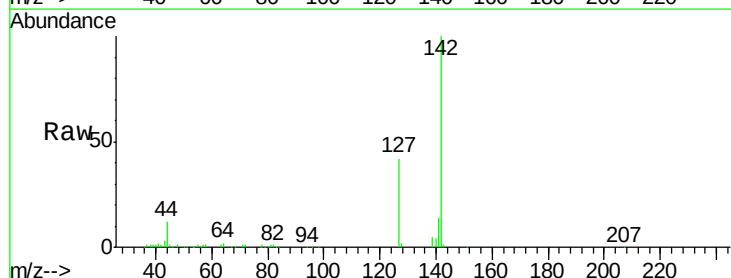
Tgt Ion:142 Resp: 32432

Ion Ratio Lower Upper

142 100

127 43.0 34.0 51.0

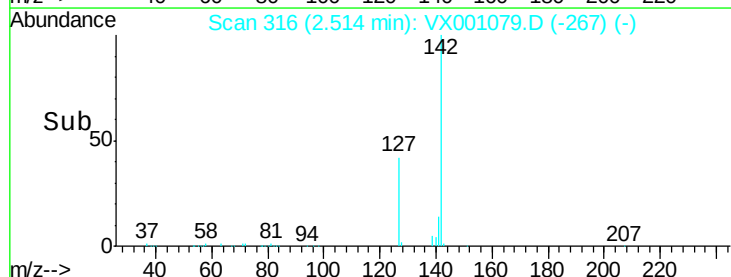
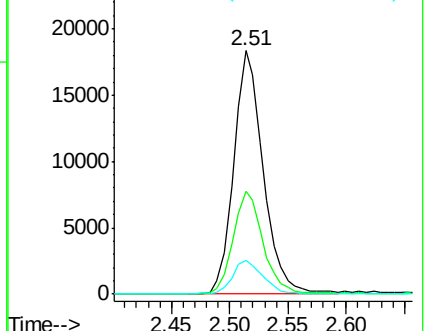
141 14.3 11.4 17.2

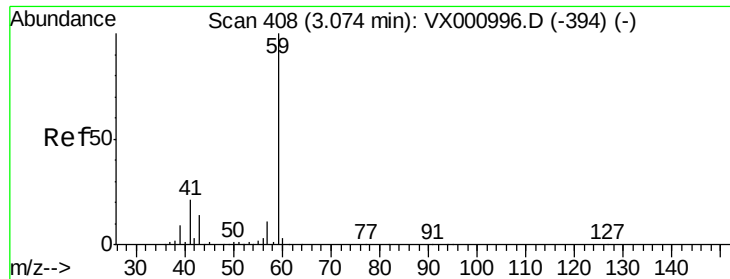


Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

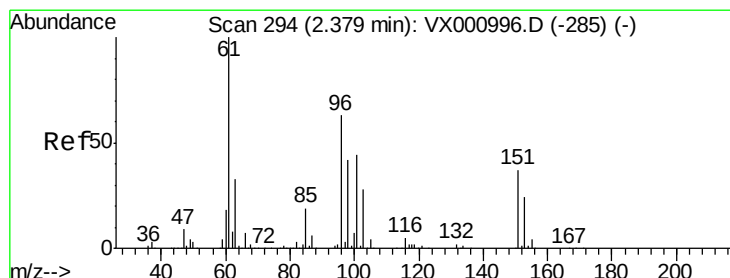
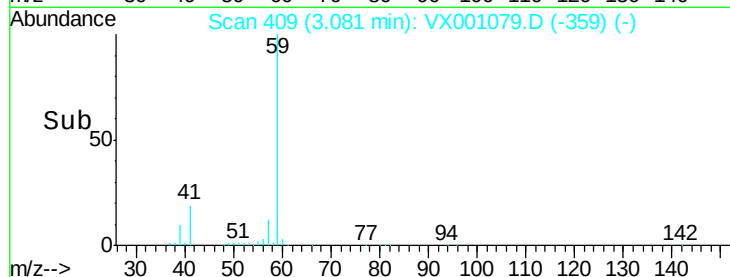
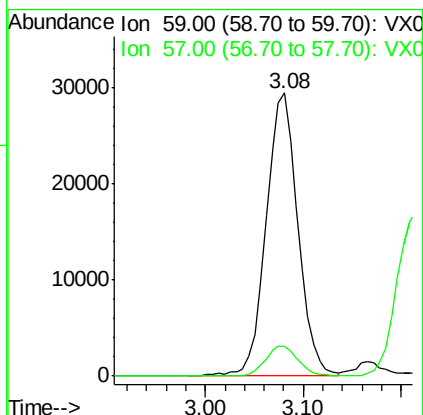
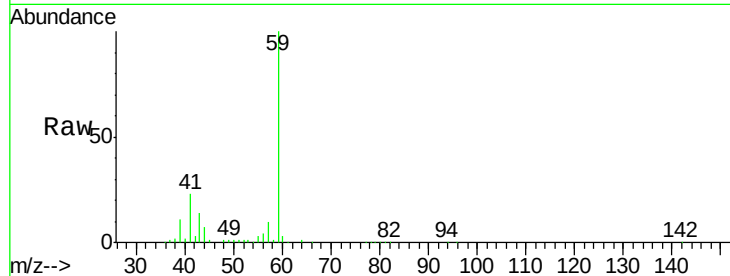




#11
Tert butyl alcohol
Concen: 129.69 ug/l
RT: 3.08 min Scan# 409
Delta R.T. 0.01 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

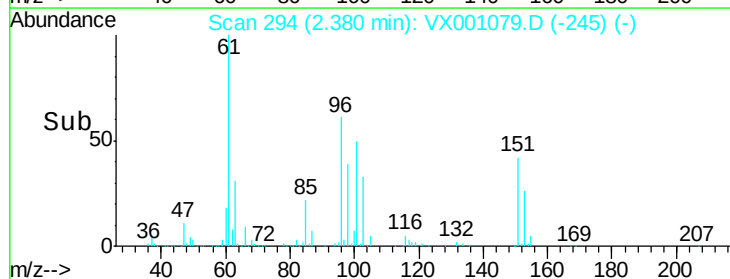
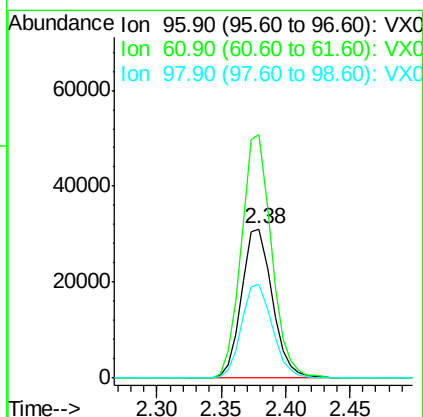
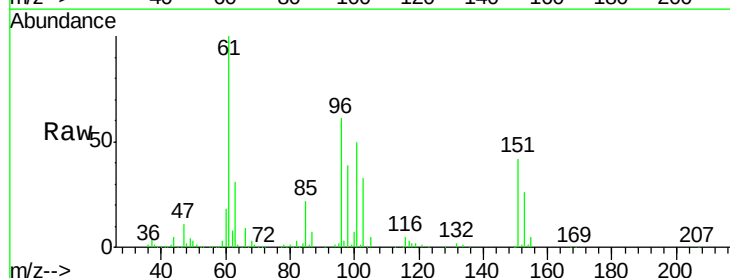
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

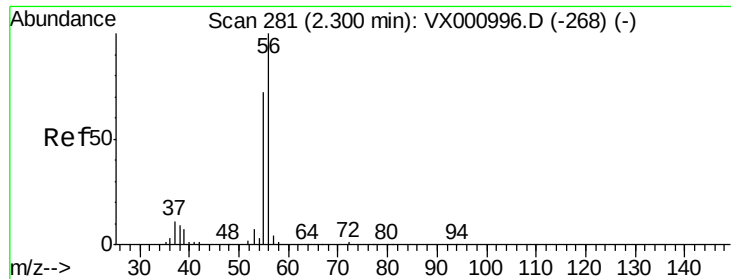
Tgt Ion: 59 Resp: 66706
Ion Ratio Lower Upper
59 100
57 11.0 8.3 12.5



#12
1,1-Dichloroethene
Concen: 19.65 ug/l
RT: 2.38 min Scan# 294
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion: 96 Resp: 51517
Ion Ratio Lower Upper
96 100
61 163.5 126.4 189.6
98 63.3 52.6 78.8





#13

Acrolein

Concen: 147.23 ug/l

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

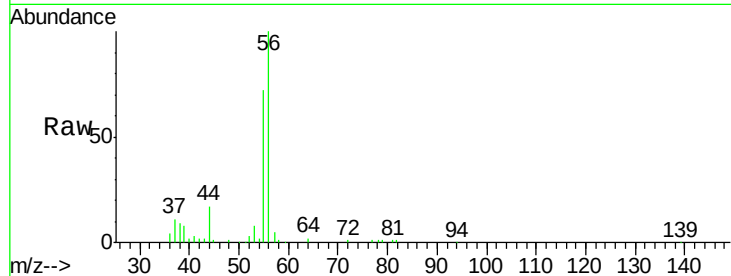
VX0424WBS01

Tgt Ion: 56 Resp: 22839

Ion Ratio Lower Upper

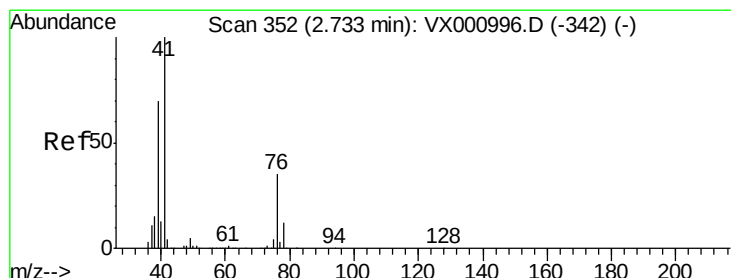
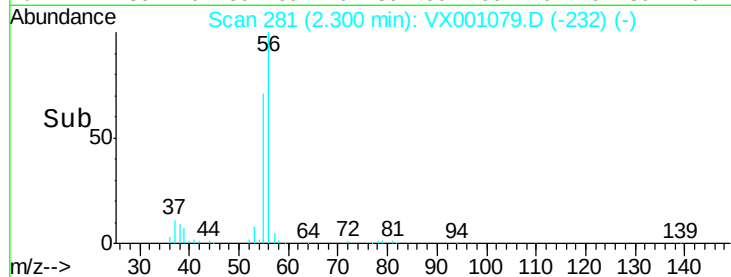
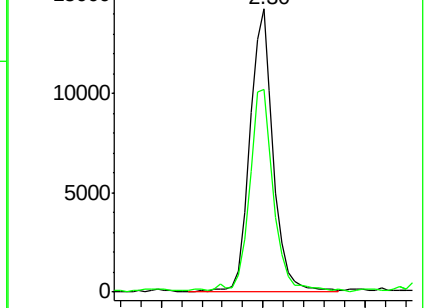
56 100

55 74.1 57.4 86.2



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#14

Allyl chloride

Concen: 19.90 ug/l

RT: 2.73 min Scan# 352

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

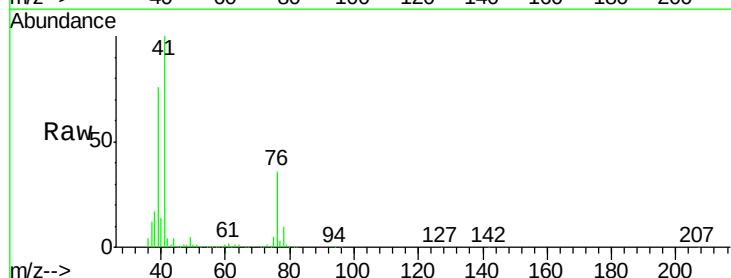
Tgt Ion: 41 Resp: 94385

Ion Ratio Lower Upper

41 100

39 68.3 53.0 79.6

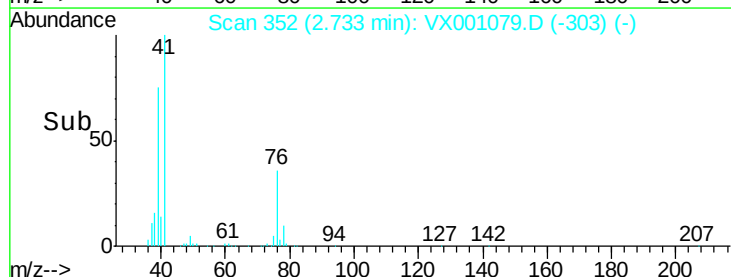
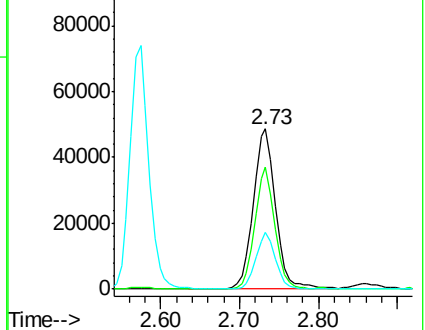
76 32.0 25.9 38.9

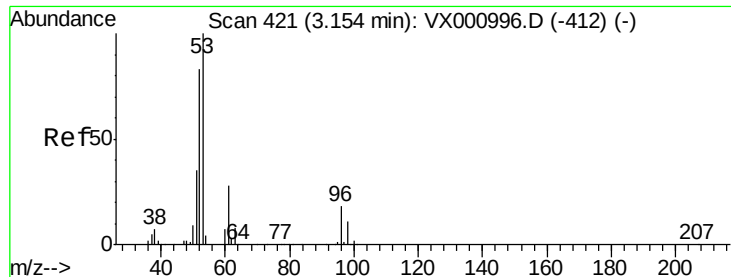


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

Ion 75.90 (75.60 to 76.60): VX0





#15

Acrylonitrile

Concen: 107.60 ug/l

RT: 3.15 min Scan# 421

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampled :

VX0424WBS01

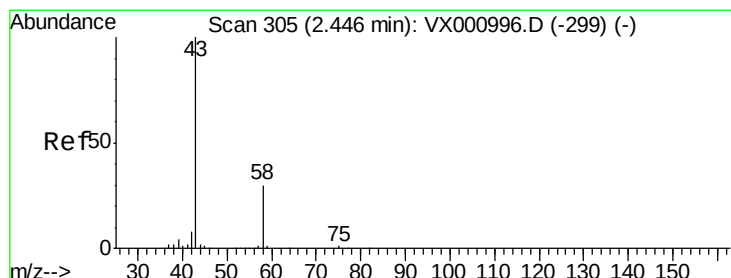
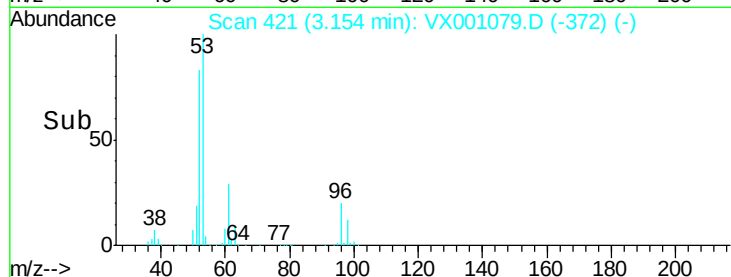
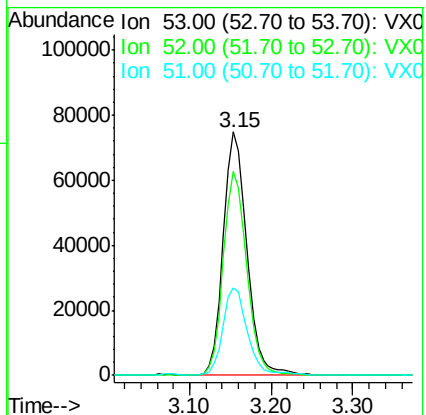
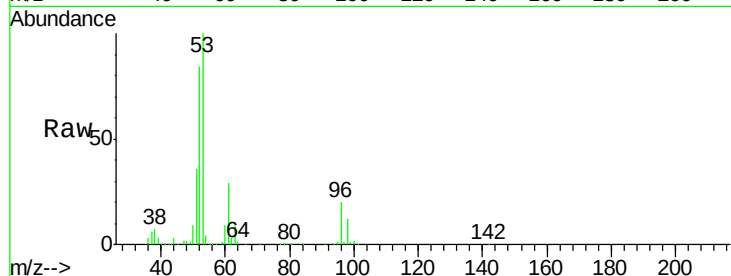
Tgt Ion: 53 Resp: 149778

Ion Ratio Lower Upper

53 100

52 83.0 66.4 99.6

51 37.1 29.0 43.6



#16

Acetone

Concen: 117.62 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX001079.D

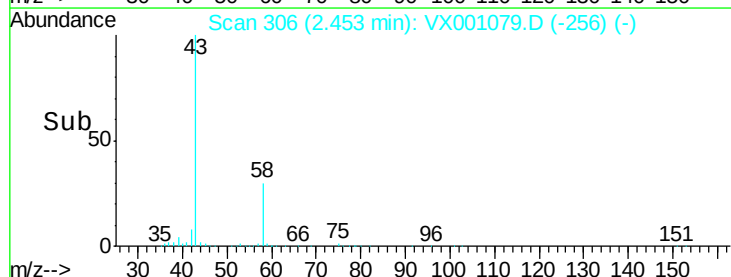
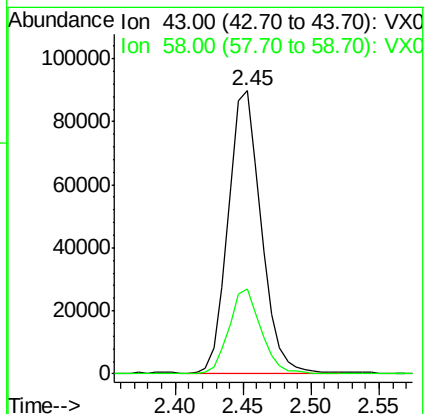
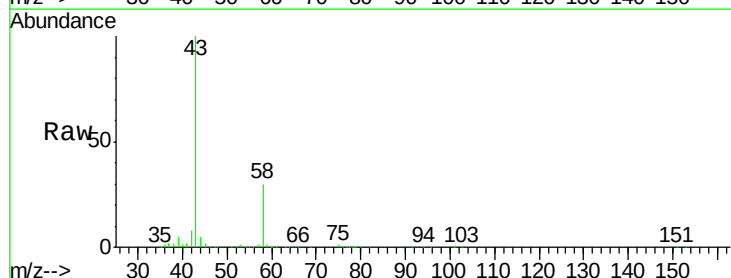
Acq: 24 Apr 2018 16:20

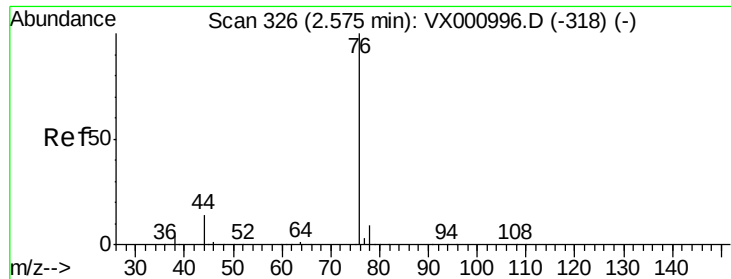
Tgt Ion: 43 Resp: 151052

Ion Ratio Lower Upper

43 100

58 30.1 23.7 35.5

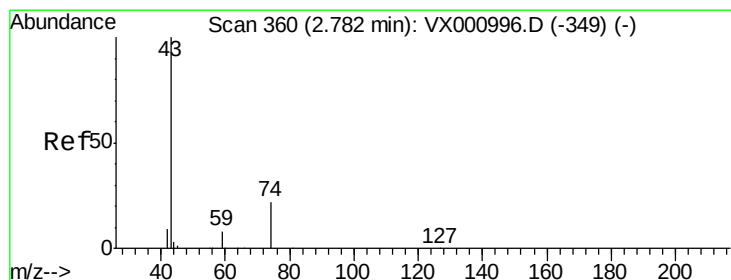
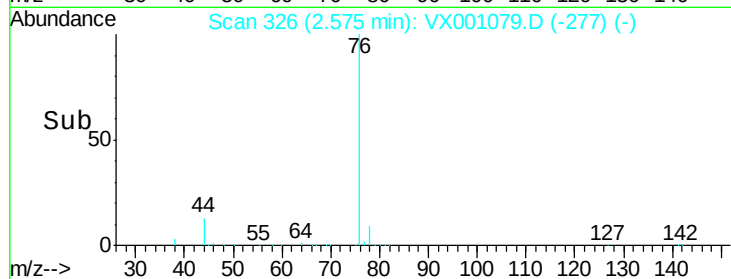
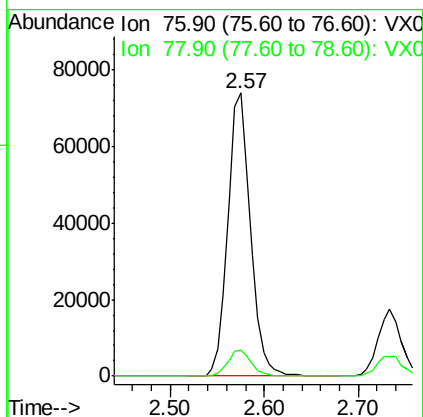
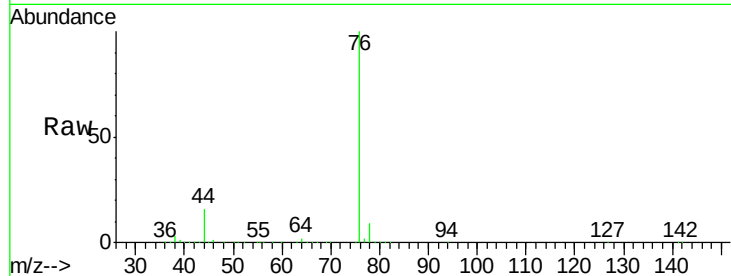




#17
Carbon Disulfide
Concen: 16.57 ug/l
RT: 2.57 min Scan# 326
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

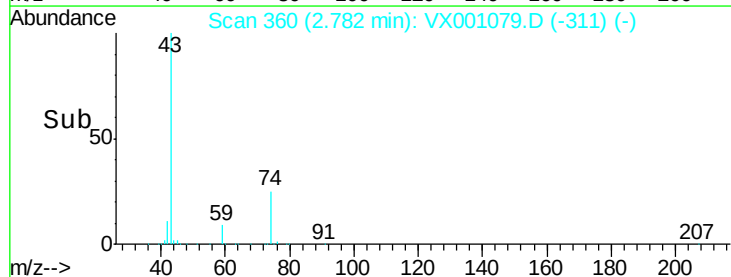
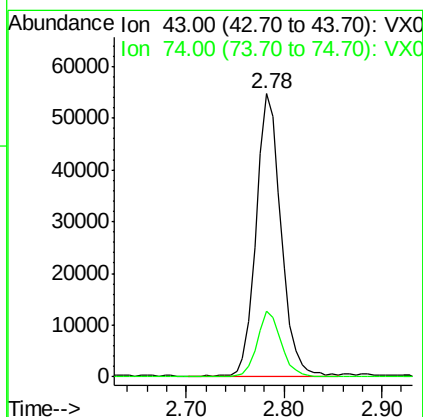
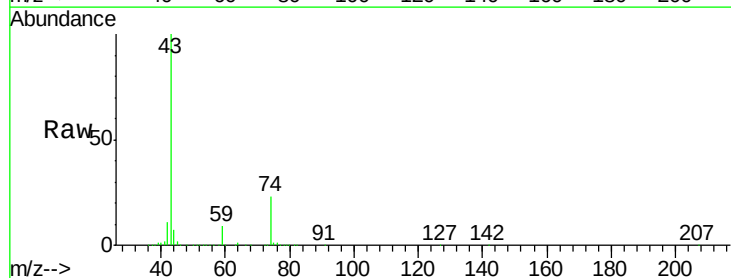
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

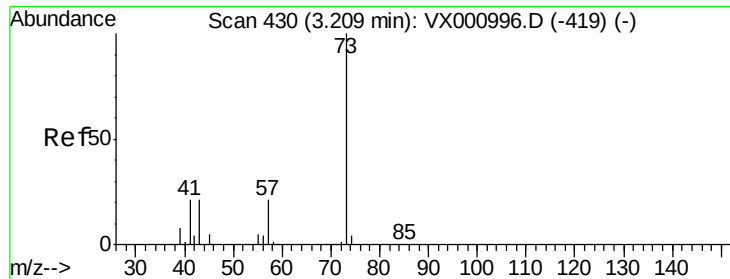
Tgt Ion: 76 Resp: 123762
Ion Ratio Lower Upper
76 100
78 8.9 7.3 10.9



#18
Methyl Acetate
Concen: 24.86 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion: 43 Resp: 96597
Ion Ratio Lower Upper
43 100
74 22.8 18.3 27.5

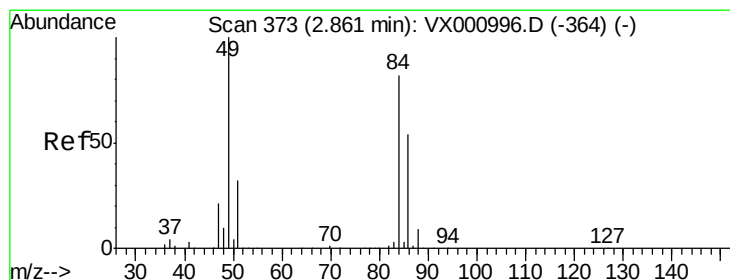
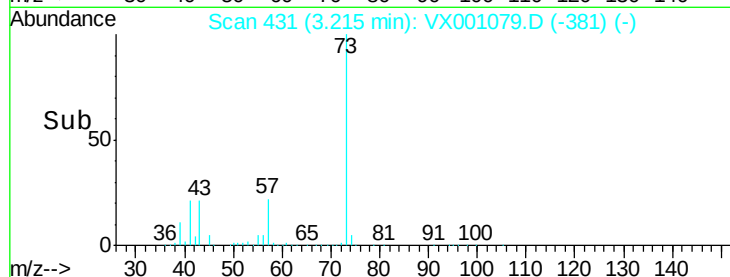
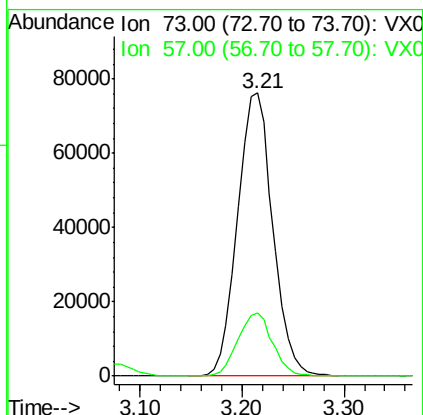
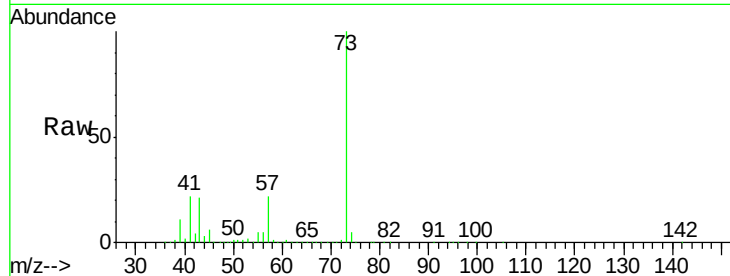




#19
Methyl tert-butyl Ether
Concen: 20.77 ug/l
RT: 3.21 min Scan# 431
Delta R.T. 0.01 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

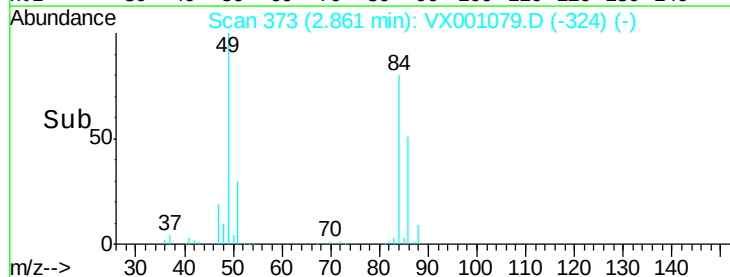
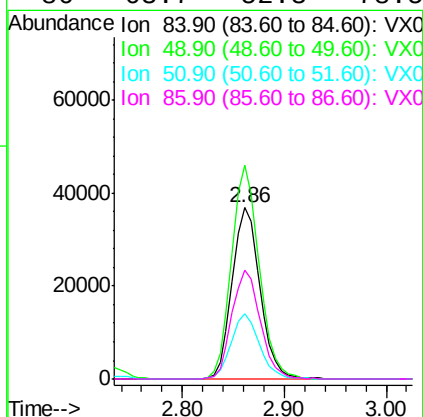
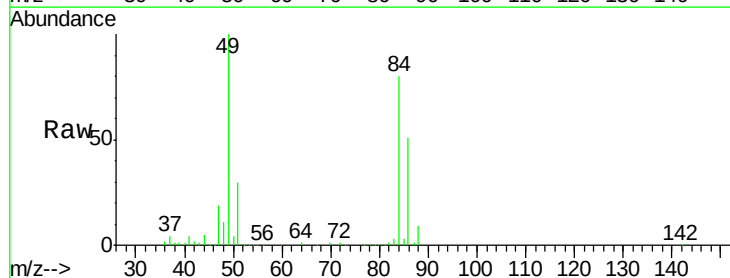
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

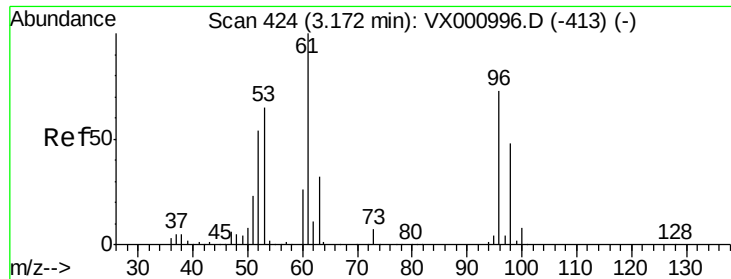
Tgt Ion: 73 Resp: 183019
Ion Ratio Lower Upper
73 100
57 22.1 17.1 25.7



#20
Methylene Chloride
Concen: 25.02 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion: 84 Resp: 69791
Ion Ratio Lower Upper
84 100
49 124.8 97.1 145.7
51 37.7 30.8 46.2
86 63.7 52.3 78.5





#21

trans-1,2-Dichloroethene

Concen: 18.88 ug/l

RT: 3.17 min Scan# 423

Delta R.T. -0.01 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampled :

VX0424WBS01

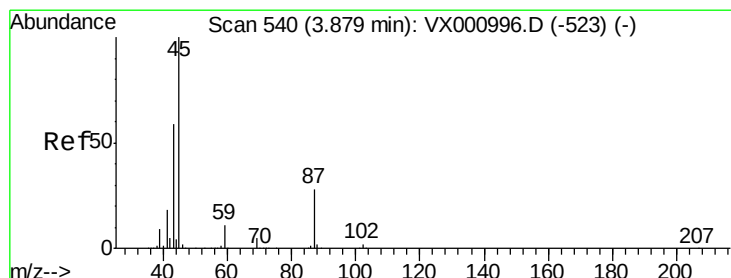
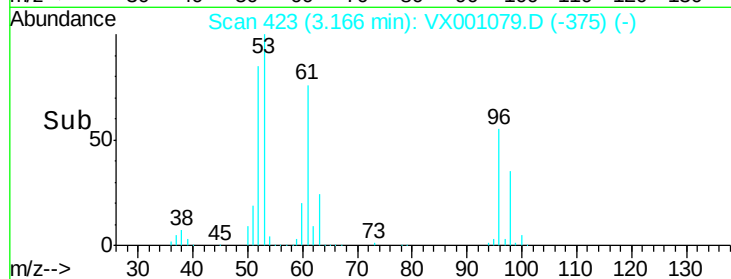
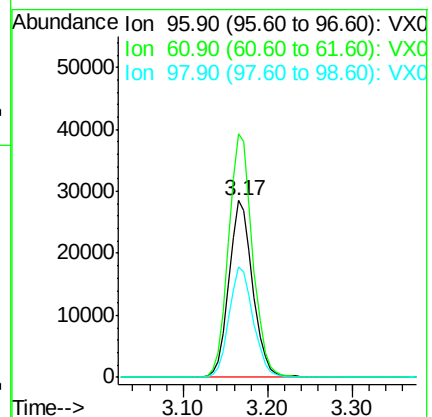
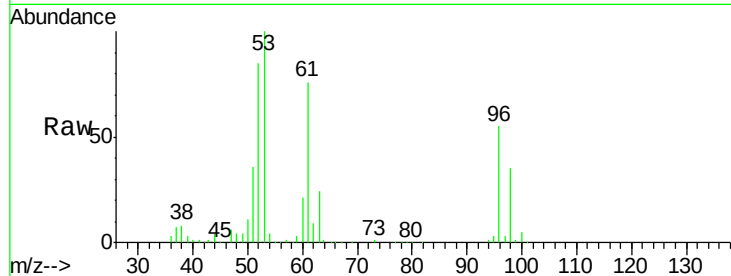
Tgt Ion: 96 Resp: 55085

Ion Ratio Lower Upper

96 100

61 137.8 109.4 164.2

98 62.8 52.6 78.8



#22

Diisopropyl ether

Concen: 20.21 ug/l

RT: 3.88 min Scan# 540

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Tgt Ion: 45 Resp: 185591

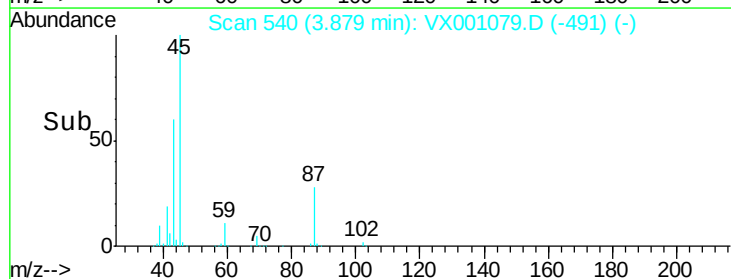
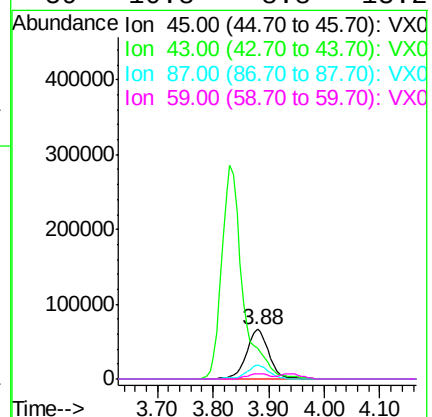
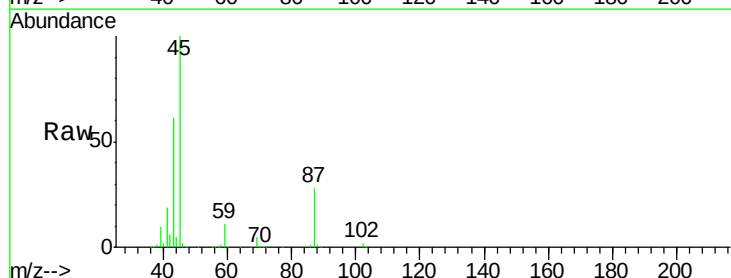
Ion Ratio Lower Upper

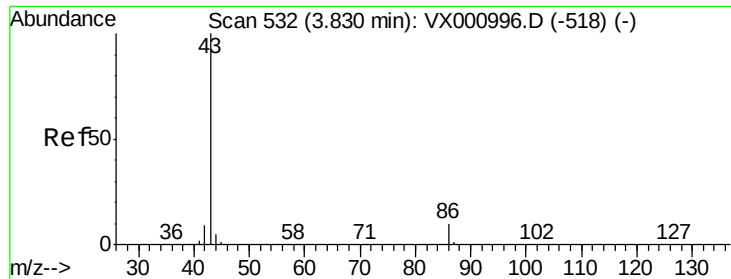
45 100

43 60.5 47.0 70.4

87 27.6 22.5 33.7

59 10.8 8.8 13.2





#23

Vinyl Acetate

Concen: 98.45 ug/l

RT: 3.83 min Scan# 532

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

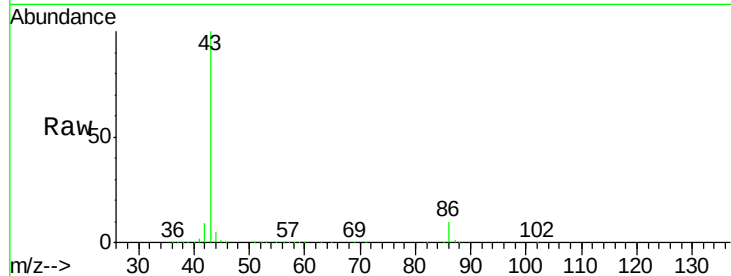
VX0424WBS01

Tgt Ion: 43 Resp: 748521

Ion Ratio Lower Upper

43 100

86 9.8 8.1 12.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 86.00 (85.70 to 86.70): VX0

3.83

300000

200000

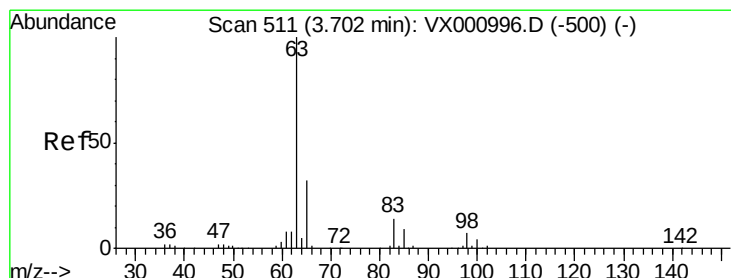
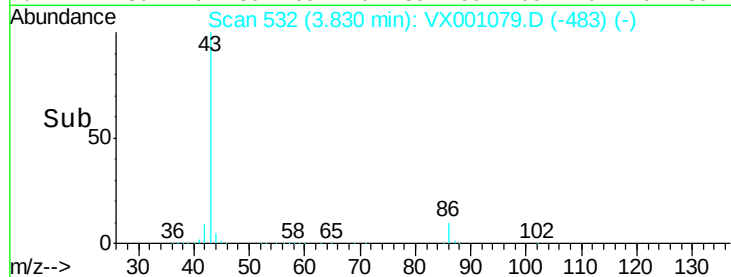
100000

0

Time-->

3.80

4.00



#24

1,1-Dichloroethane

Concen: 19.54 ug/l

RT: 3.70 min Scan# 511

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

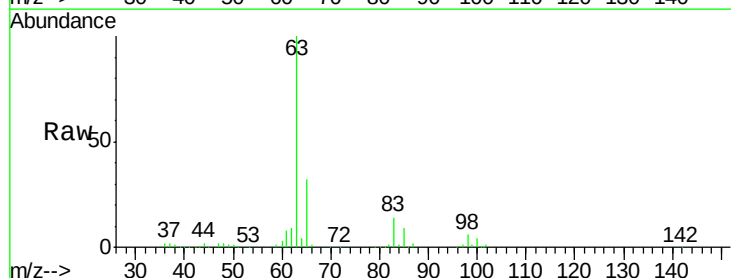
Tgt Ion: 63 Resp: 100651

Ion Ratio Lower Upper

63 100

98 6.5 3.4 10.1

100 4.0 2.1 6.3



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.70

50000

40000

30000

20000

10000

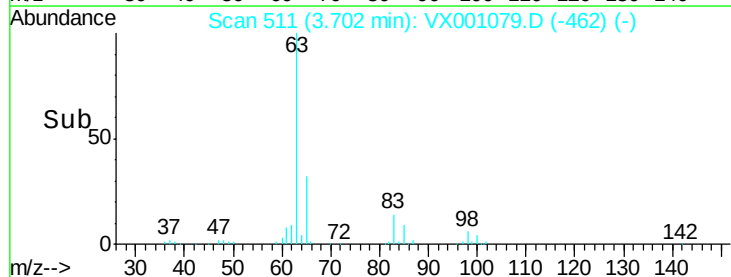
0

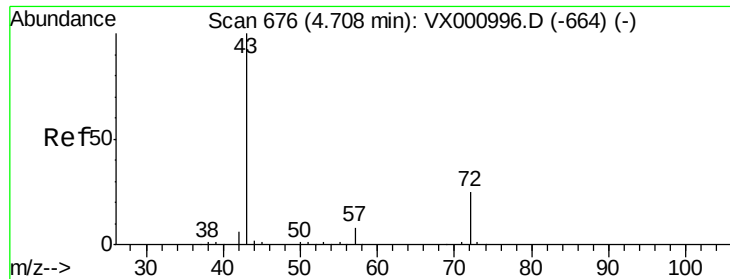
Time-->

3.60

3.70

3.80





#25

2-Butanone

Concen: 110.20 ug/l

RT: 4.71 min Scan# 677

Delta R.T. 0.01 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

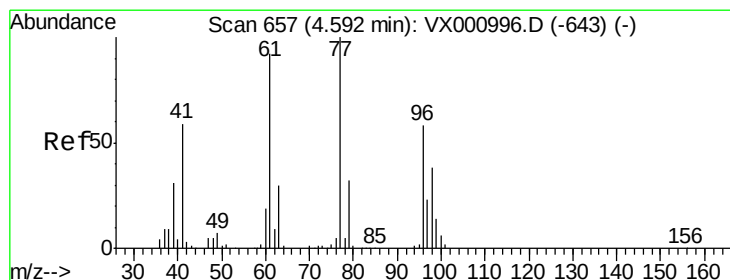
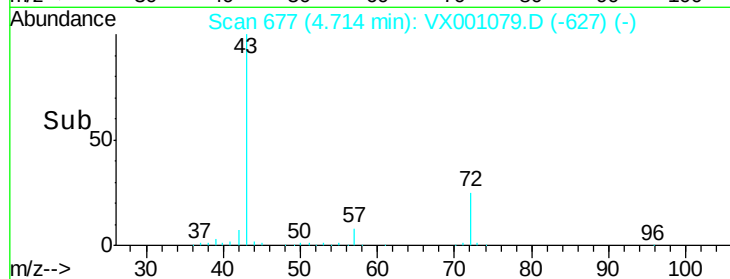
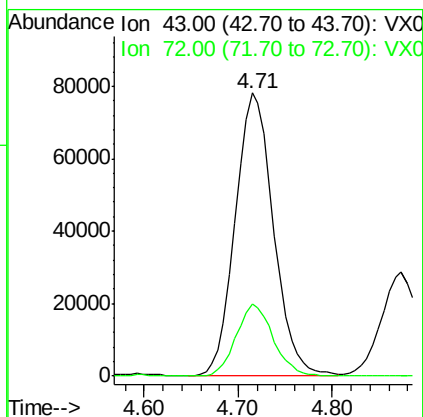
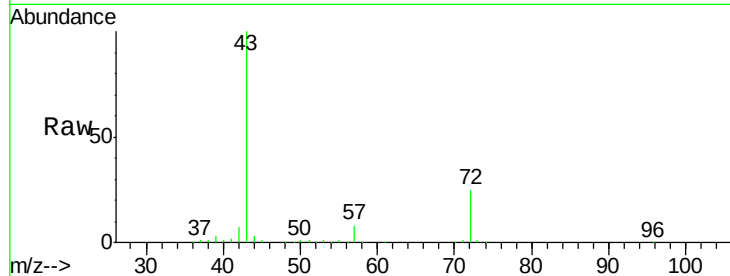
VX0424WBS01

Tgt Ion: 43 Resp: 220931

Ion Ratio Lower Upper

43 100

72 25.3 19.9 29.9



#26

2,2-Dichloropropane

Concen: 19.52 ug/l

RT: 4.59 min Scan# 657

Delta R.T. 0.00 min

Lab File: VX001079.D

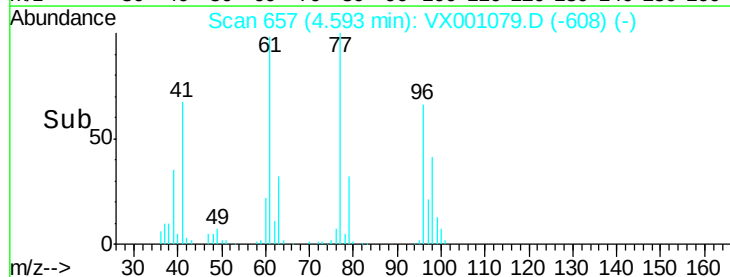
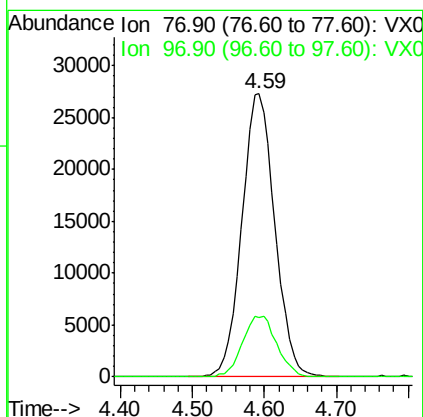
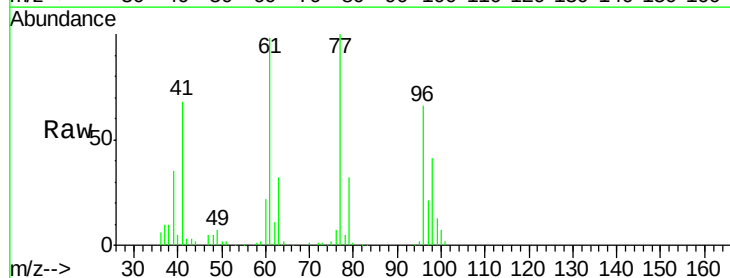
Acq: 24 Apr 2018 16:20

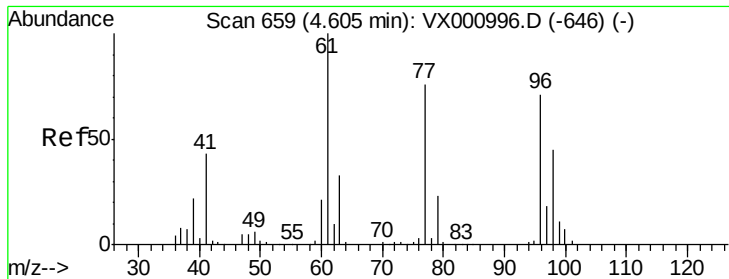
Tgt Ion: 77 Resp: 86502

Ion Ratio Lower Upper

77 100

97 22.5 11.5 34.4





#27

cis-1,2-Dichloroethene

Concen: 19.30 ug/l

RT: 4.60 min Scan# 659

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

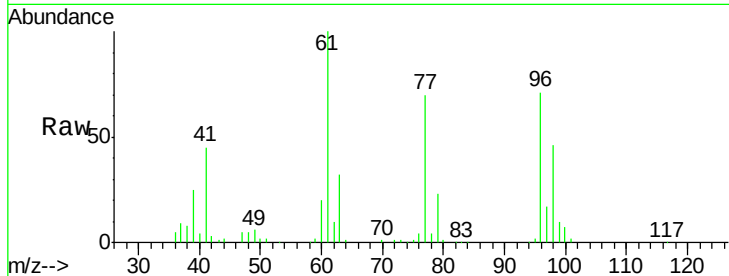
Tgt Ion: 96 Resp: 62728

Ion Ratio Lower Upper

96 100

61 149.0 0.0 297.0

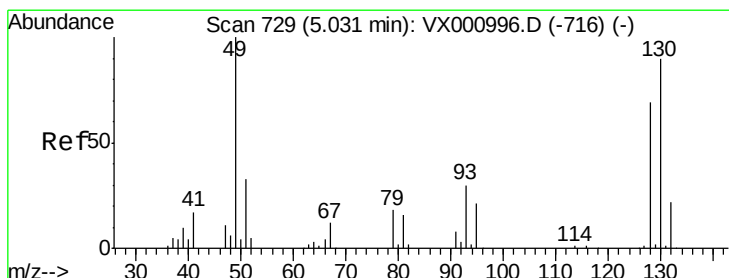
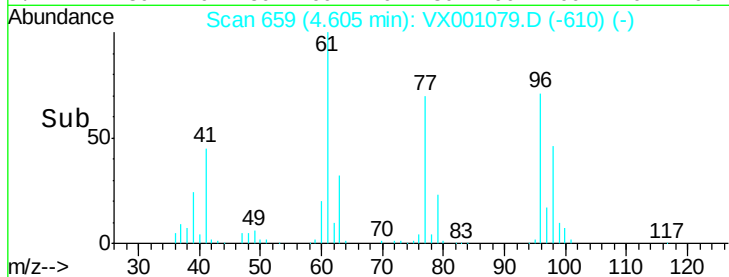
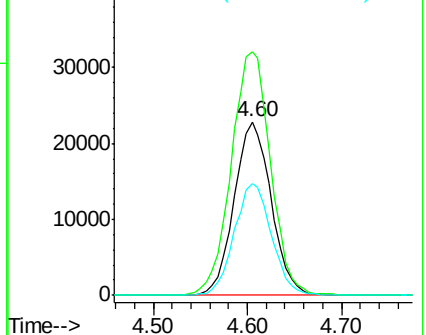
98 65.0 0.0 130.0



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



#28

Bromochloromethane

Concen: 16.53 ug/l

RT: 5.03 min Scan# 728

Delta R.T. -0.01 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

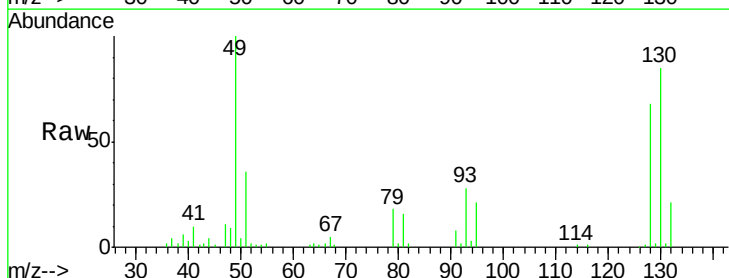
Tgt Ion: 49 Resp: 32735

Ion Ratio Lower Upper

49 100

129 2.5 0.0 4.8

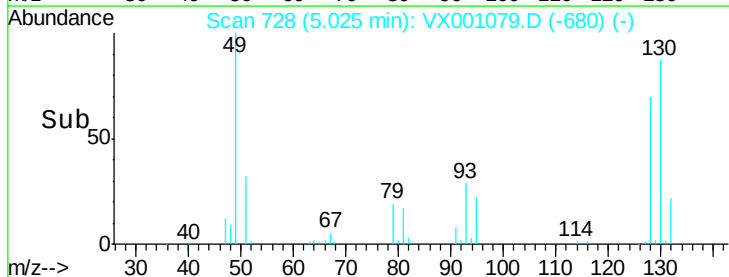
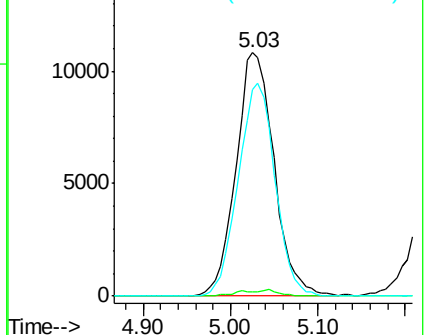
130 84.5 70.6 105.8

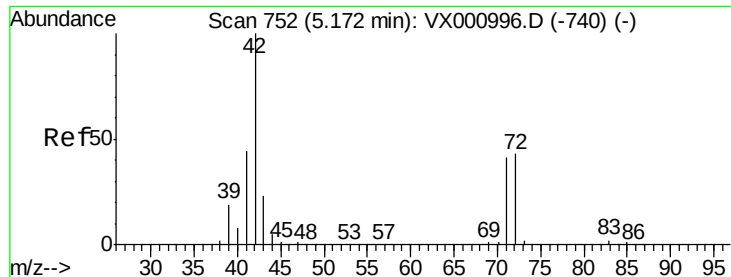


Abundance Ion 48.90 (48.60 to 49.60): VX0

Ion 128.80 (128.50 to 129.50): V

Ion 129.80 (129.50 to 130.50): V





#29

Tetrahydrofuran

Concen: 107.74 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.01 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

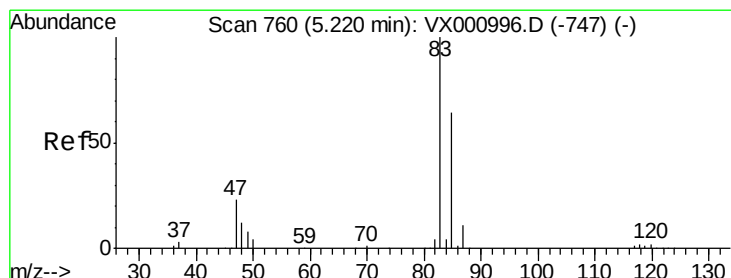
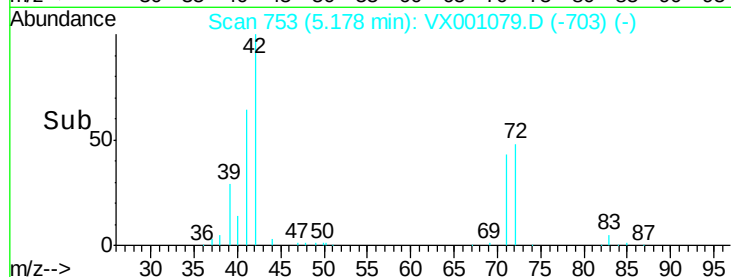
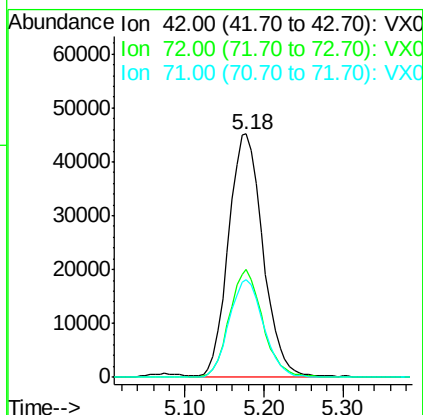
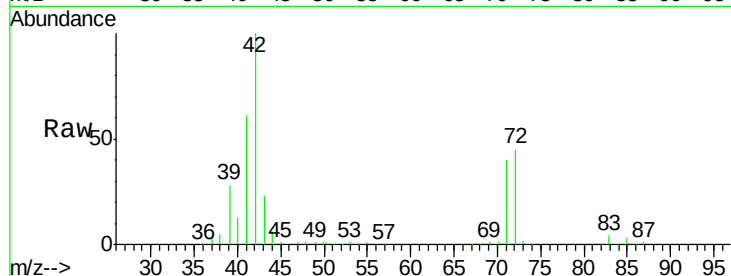
Tgt Ion: 42 Resp: 136485

Ion Ratio Lower Upper

42 100

72 43.1 34.6 52.0

71 40.5 32.6 49.0



#30

Chloroform

Concen: 20.14 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX001079.D

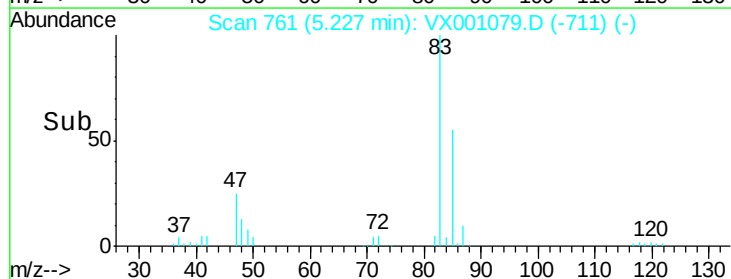
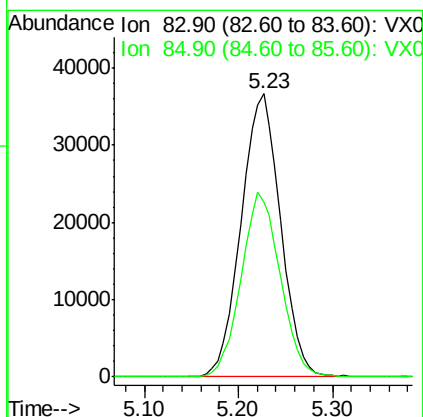
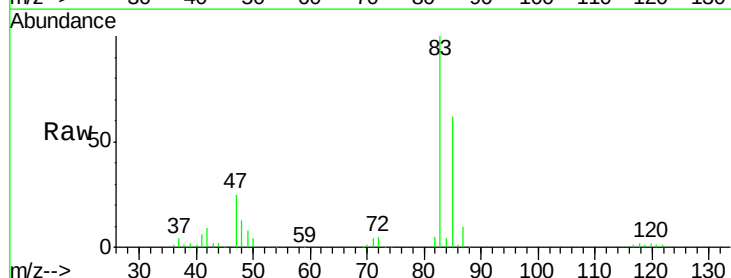
Acq: 24 Apr 2018 16:20

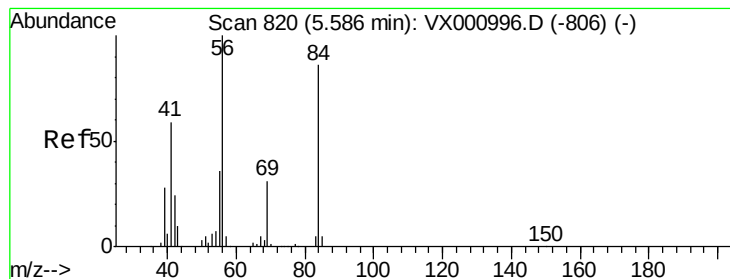
Tgt Ion: 83 Resp: 107450

Ion Ratio Lower Upper

83 100

85 61.8 51.3 76.9





#31

Cyclohexane

Concen: 18.50 ug/l

RT: 5.58 min Scan# 819

Delta R.T. -0.01 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampled :

VX0424WBS01

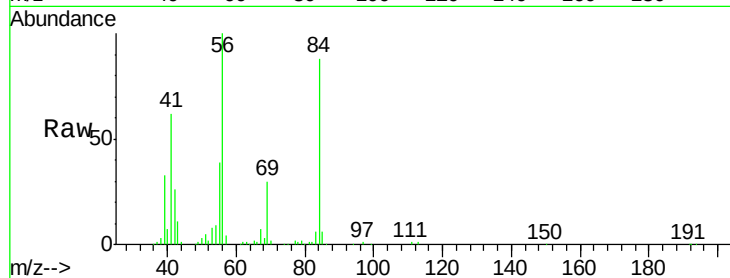
Tgt Ion: 56 Resp: 88969

Ion Ratio Lower Upper

56 100

69 30.0 24.6 36.8

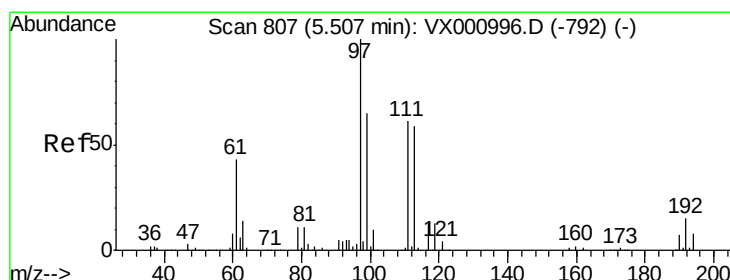
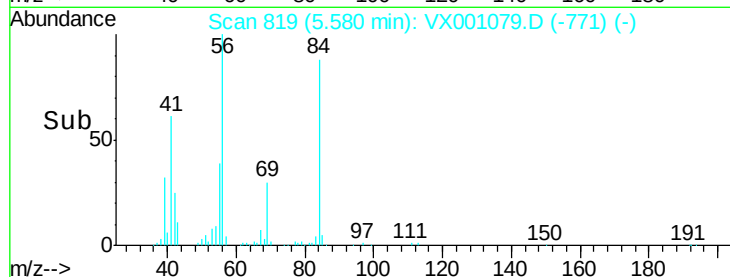
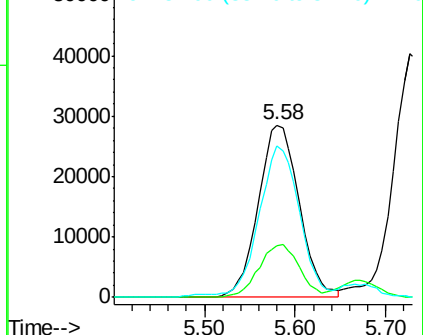
84 86.5 69.0 103.6



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: 19.82 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

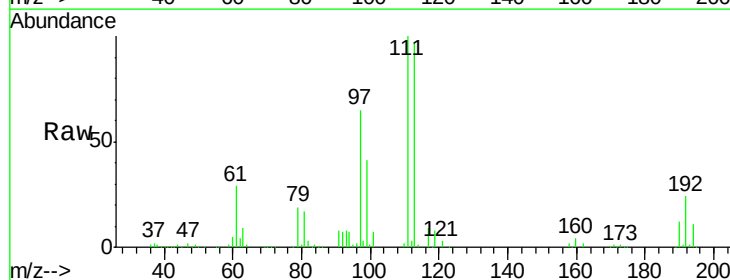
Tgt Ion: 97 Resp: 94804

Ion Ratio Lower Upper

97 100

99 65.1 51.1 76.7

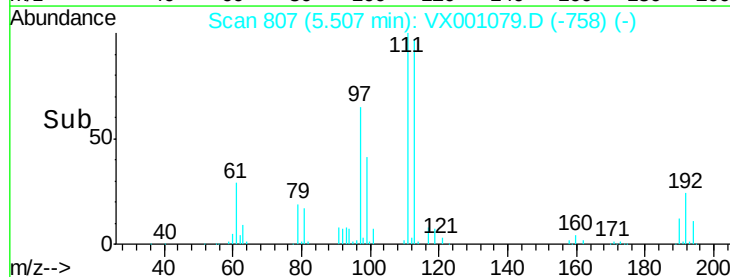
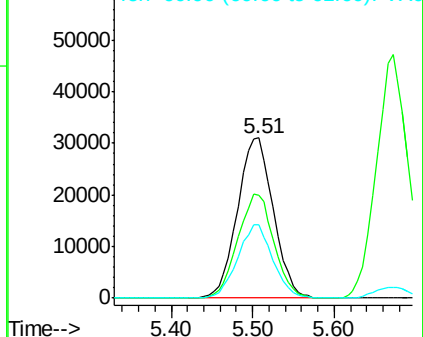
61 44.9 34.4 51.6

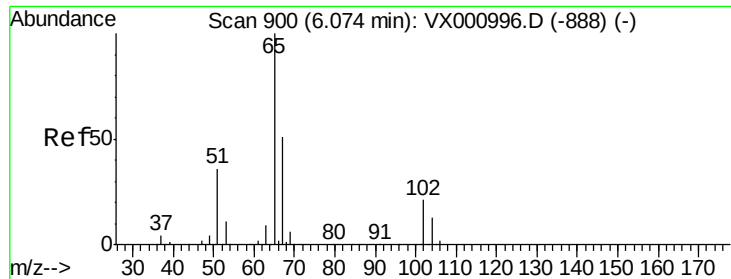


Abundance Ion 96.90 (96.60 to 97.60): VX0

Ion 98.90 (98.60 to 99.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

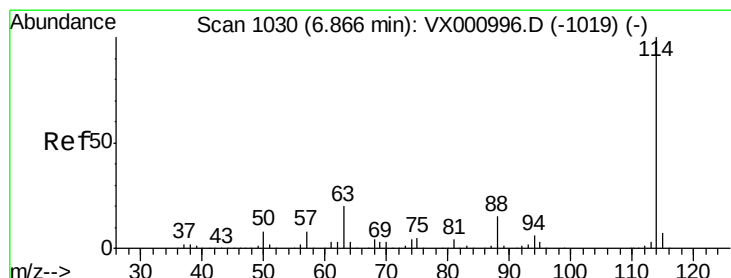
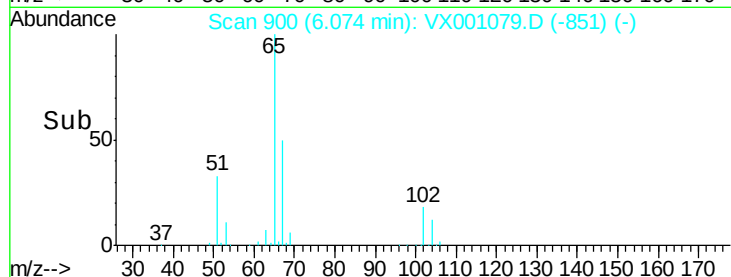
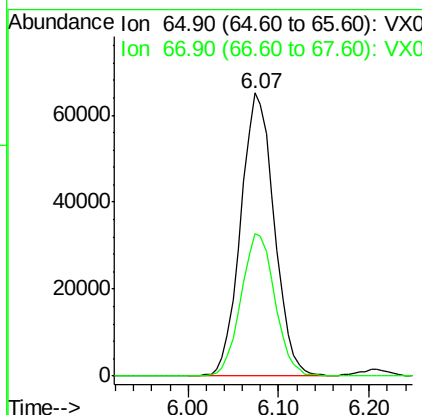
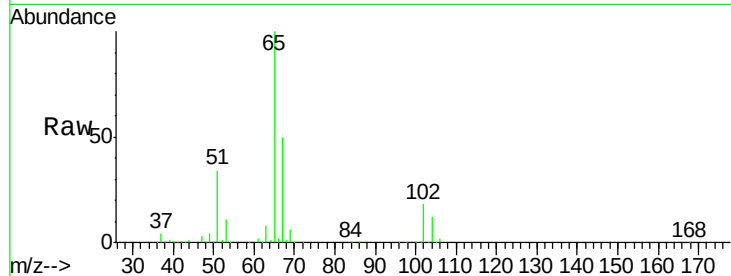




#33
 1,2-Dichloroethane-d4
 Concen: 48.96 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

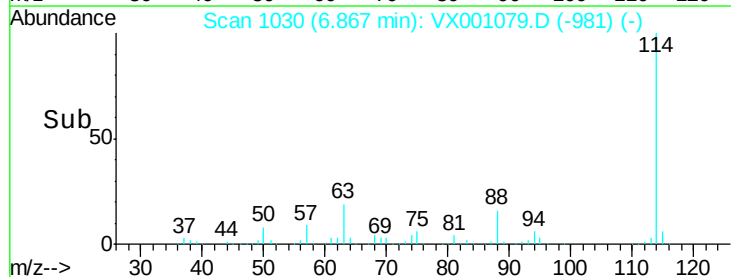
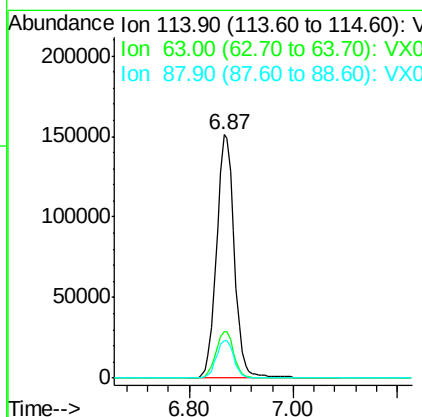
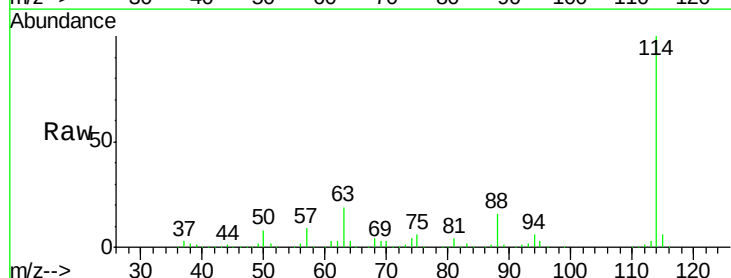
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

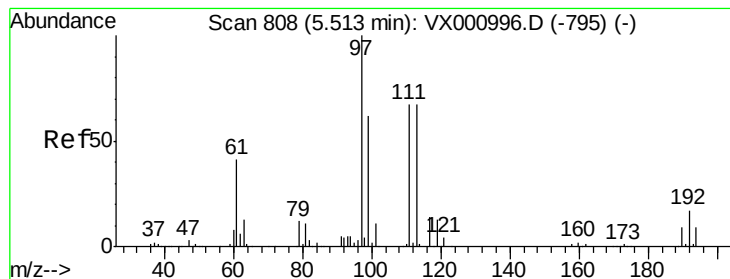
Tgt Ion: 65 Resp: 166974
 Ion Ratio Lower Upper
 65 100
 67 50.7 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

Tgt Ion: 114 Resp: 361572
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 39.4
 88 15.7 0.0 29.8





#35

Dibromofluoromethane

Concen: 49.06 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampled :

VX0424WBS01

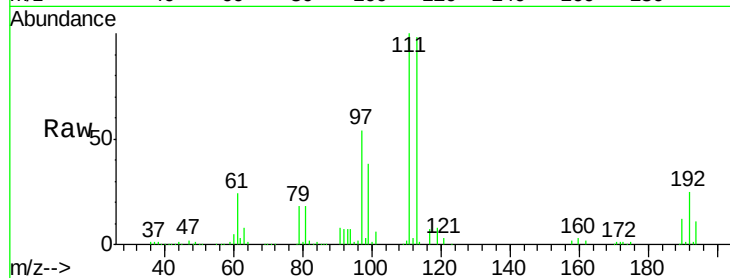
Tgt Ion:113 Resp: 135260

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.2

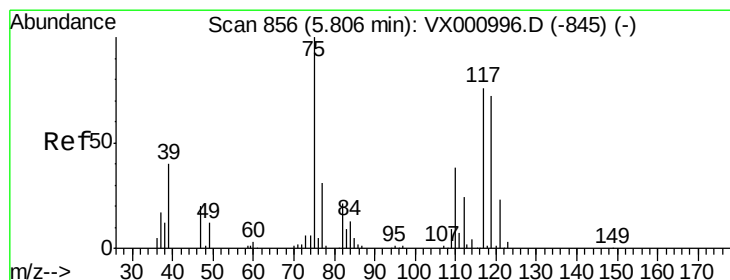
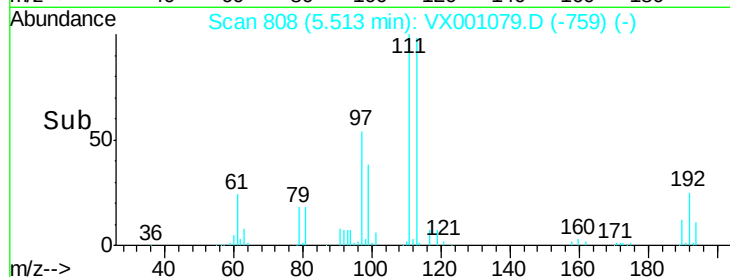
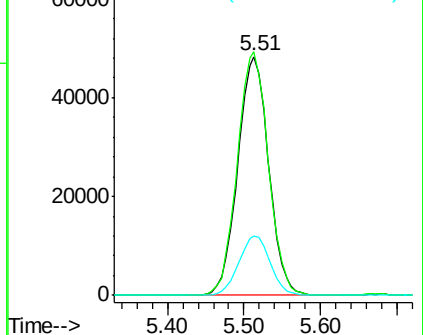
192 25.3 20.4 30.6



Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



#36

1,1-Dichloropropene

Concen: 18.31 ug/l

RT: 5.81 min Scan# 856

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

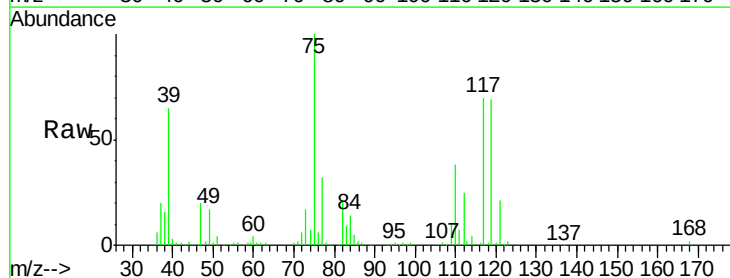
Tgt Ion: 75 Resp: 77818

Ion Ratio Lower Upper

75 100

110 37.2 18.7 56.1

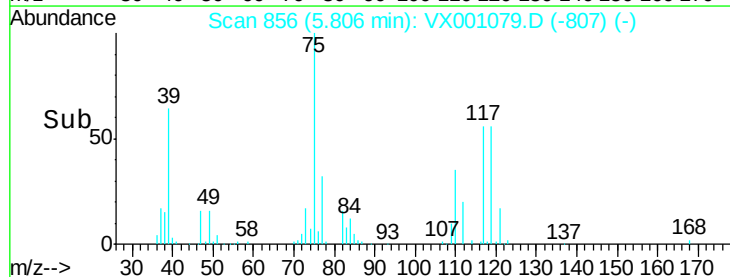
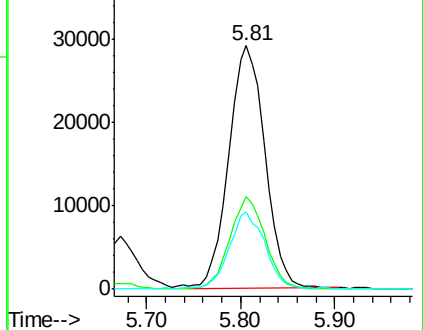
77 30.9 25.0 37.4

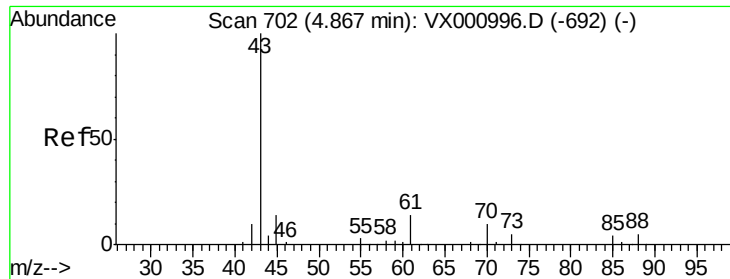


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#37

Ethyl Acetate

Concen: 21.17 ug/l

RT: 4.87 min Scan# 703

Delta R.T. 0.01 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampled :

VX0424WBS01

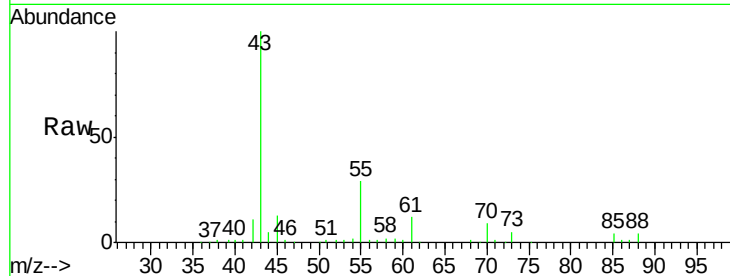
Tgt Ion: 43 Resp: 82522

Ion Ratio Lower Upper

43 100

61 13.3 10.7 16.1

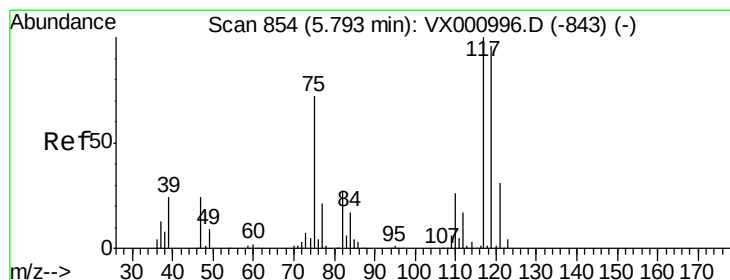
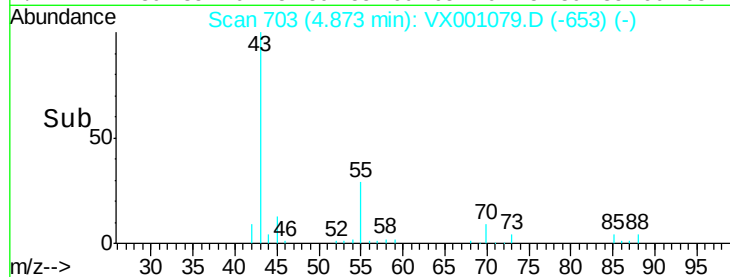
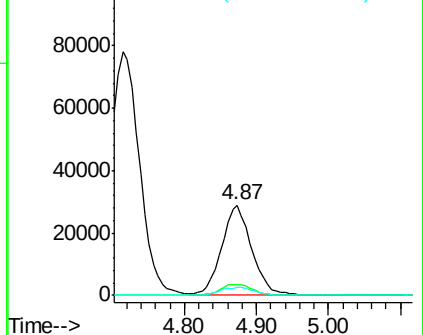
70 9.9 8.3 12.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 70.00 (69.70 to 70.70): VX0



#38

Carbon Tetrachloride

Concen: 19.10 ug/l

RT: 5.79 min Scan# 854

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

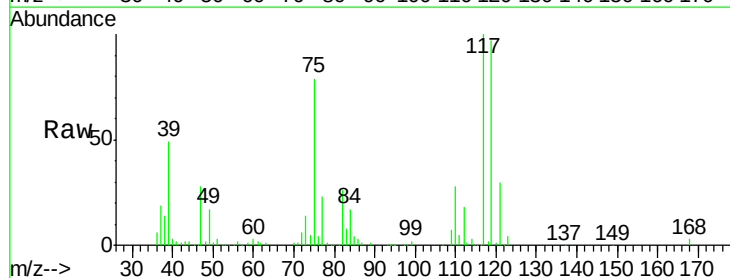
Tgt Ion: 117 Resp: 82162

Ion Ratio Lower Upper

117 100

119 96.5 76.5 114.7

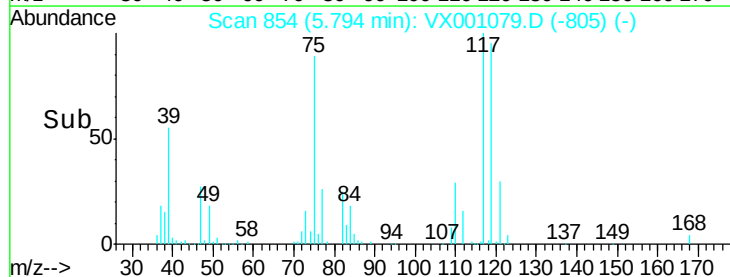
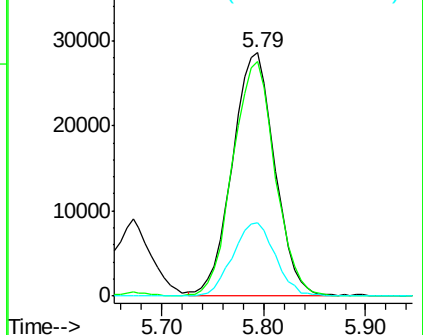
121 30.1 24.5 36.7

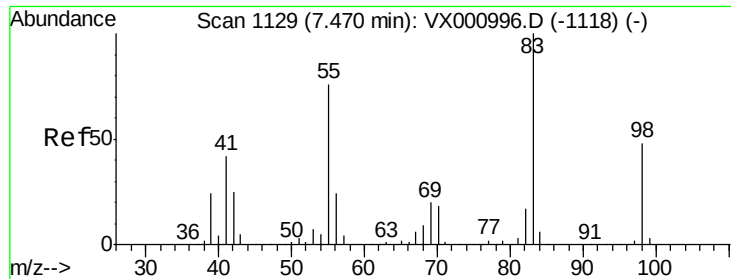


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

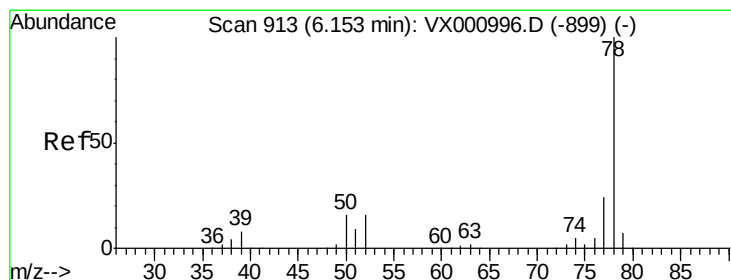
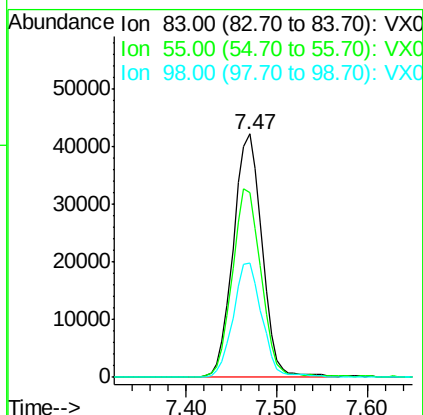
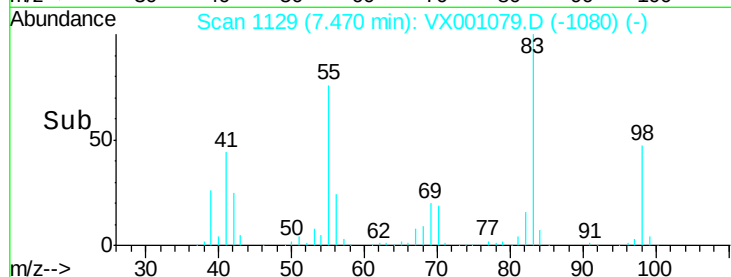
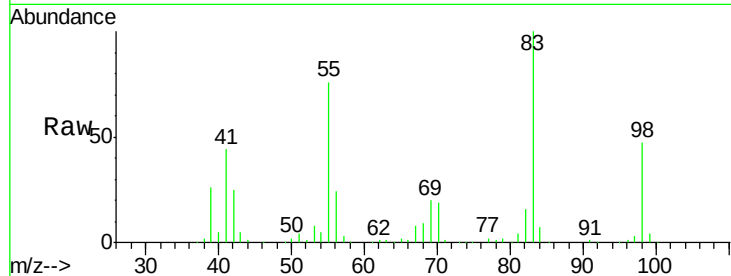




#39
Methylcyclohexane
Concen: 18.89 ug/l
RT: 7.47 min Scan# 1129
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

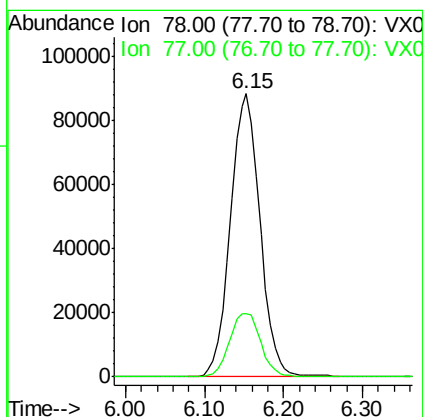
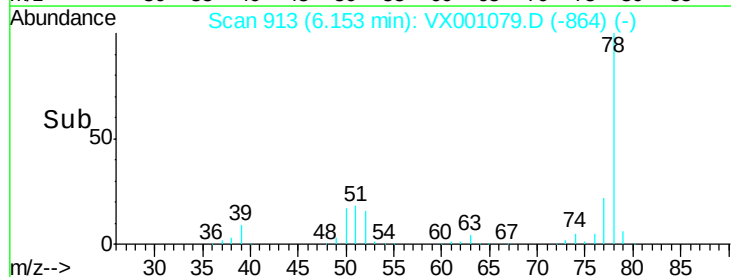
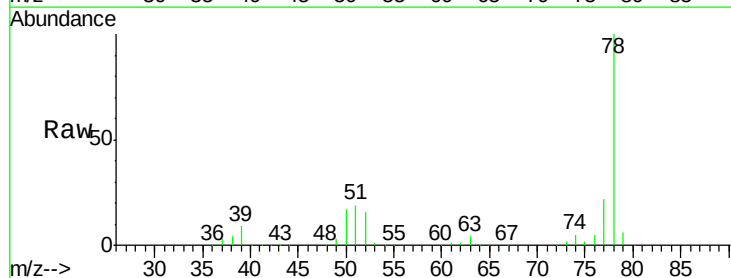
Instrument :
MSVOA_X
ClientSampled :
VX0424WBS01

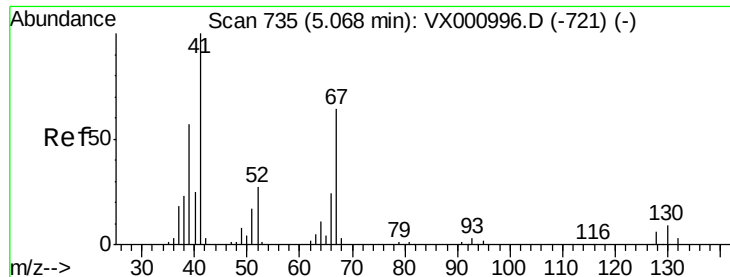
Tgt Ion: 83 Resp: 93432
Ion Ratio Lower Upper
83 100
55 75.7 60.6 91.0
98 46.8 38.2 57.4



#40
Benzene
Concen: 19.58 ug/l
RT: 6.15 min Scan# 913
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion: 78 Resp: 231247
Ion Ratio Lower Upper
78 100
77 22.1 18.9 28.3

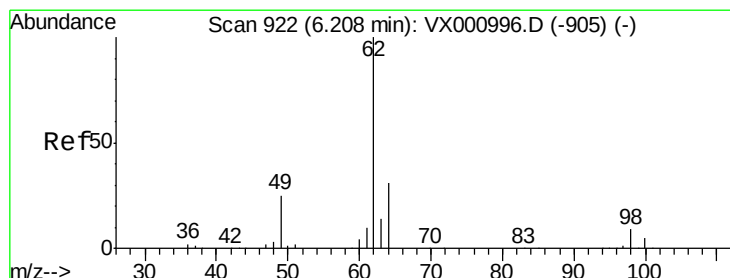
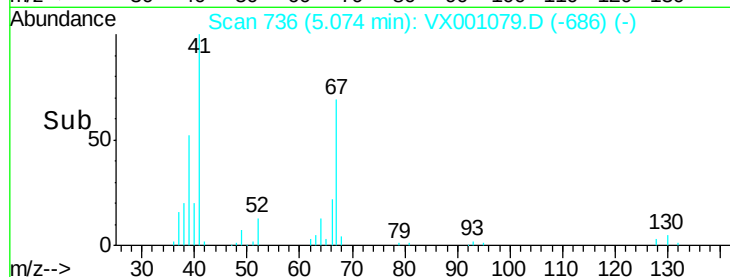
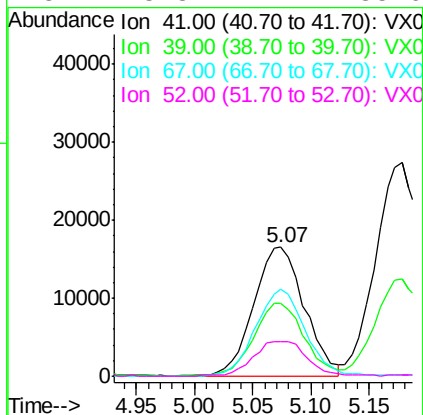
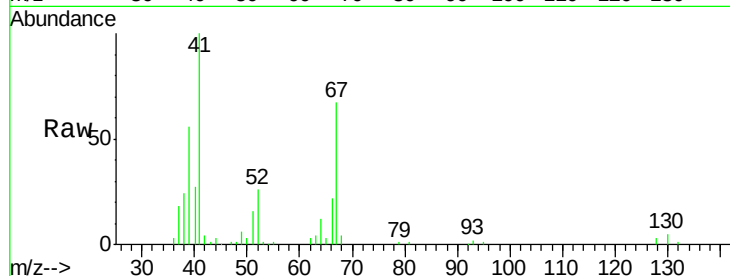




#41
Methacrylonitrile
Concen: 20.57 ug/l
RT: 5.07 min Scan# 736
Delta R.T. 0.01 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

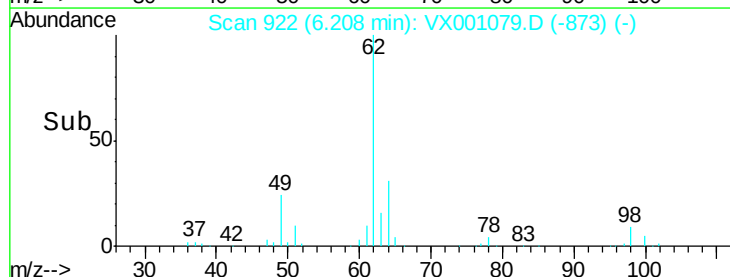
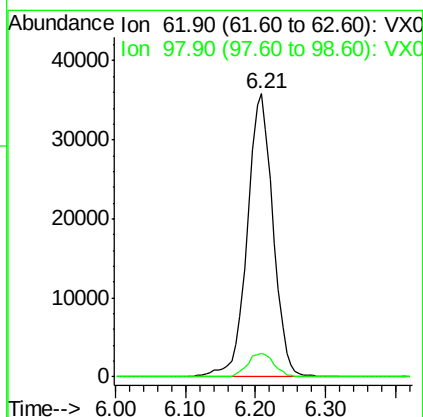
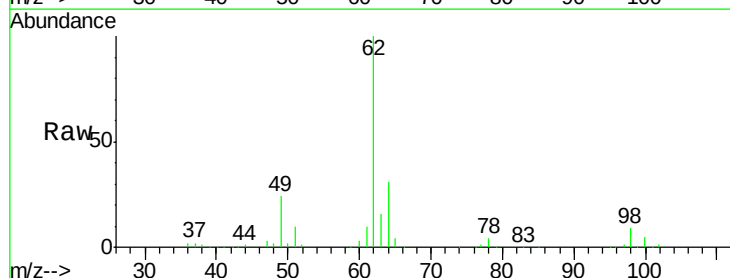
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

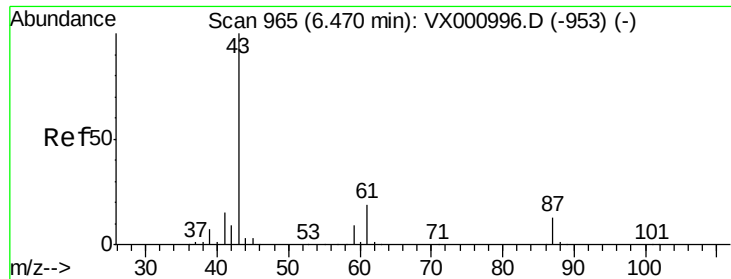
Tgt Ion:	41	Resp:	50069
Ion	Ratio	Lower	Upper
41	100		
39	55.3	45.2	67.8
67	65.4	53.8	80.8
52	28.8	22.4	33.6



#42
1,2-Dichloroethane
Concen: 20.03 ug/l
RT: 6.21 min Scan# 922
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion:	62	Resp:	90833
Ion	Ratio	Lower	Upper
62	100		
98	8.7	0.0	17.6





#43

Isopropyl Acetate

Concen: 20.40 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

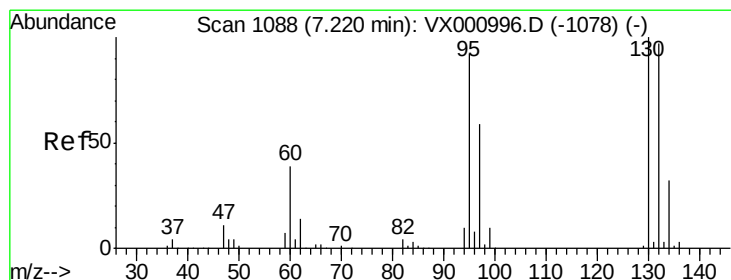
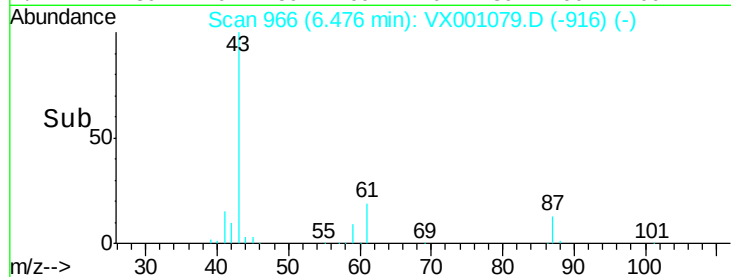
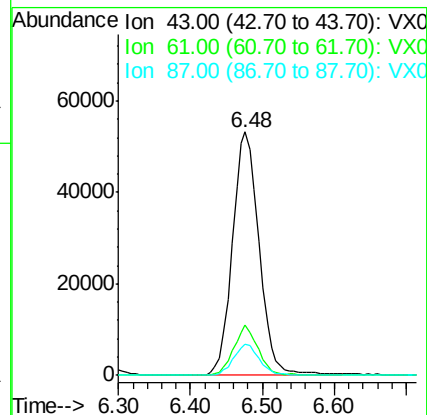
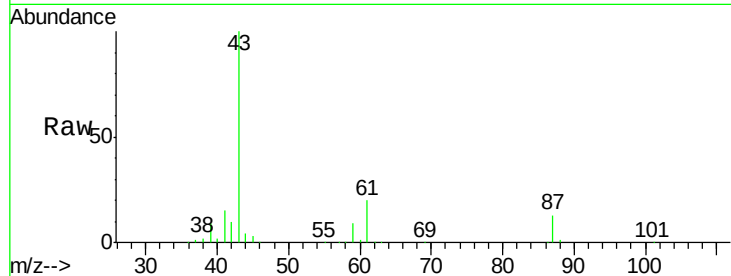
Tgt Ion: 43 Resp: 136387

Ion Ratio Lower Upper

43 100

61 18.7 15.4 23.2

87 12.5 10.6 15.8



#44

Trichloroethene

Concen: 18.91 ug/l

RT: 7.22 min Scan# 1088

Delta R.T. 0.00 min

Lab File: VX001079.D

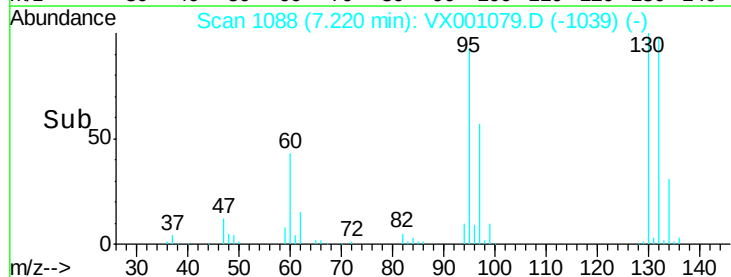
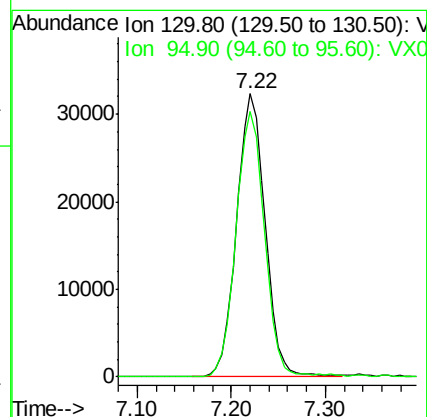
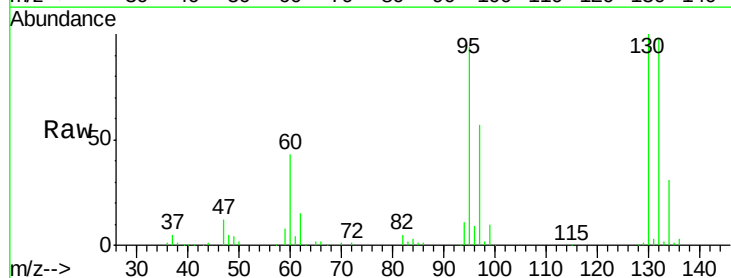
Acq: 24 Apr 2018 16:20

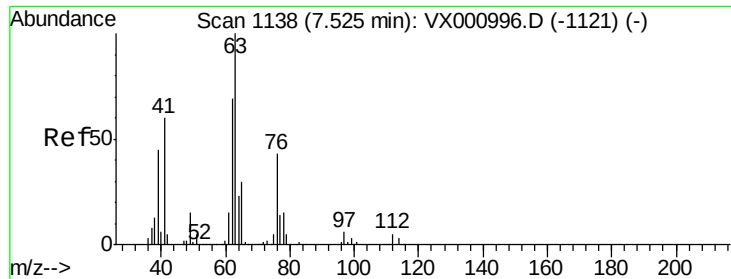
Tgt Ion: 130 Resp: 68249

Ion Ratio Lower Upper

130 100

95 93.7 0.0 184.2

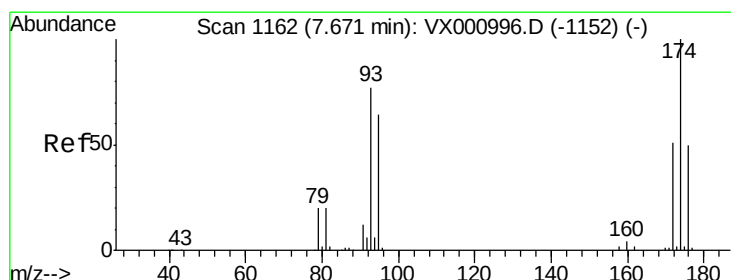
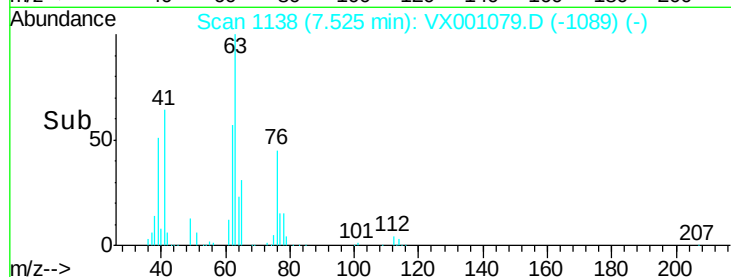
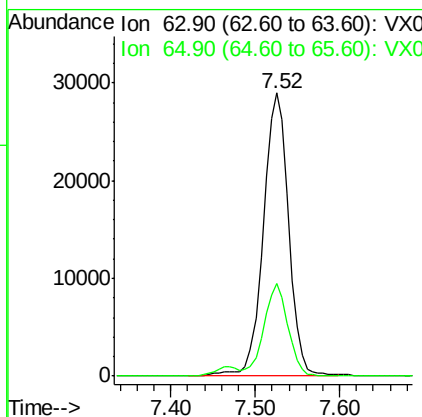
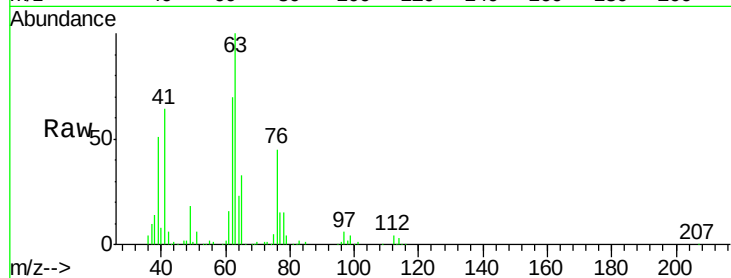




#45
 1,2-Dichloropropane
 Concen: 20.23 ug/l
 RT: 7.52 min Scan# 1138
 Delta R.T. 0.00 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

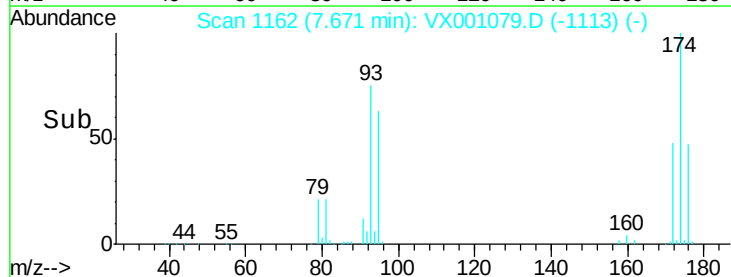
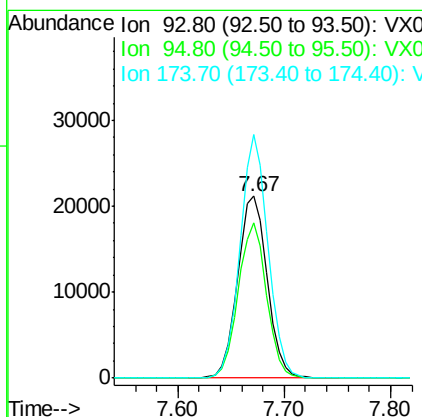
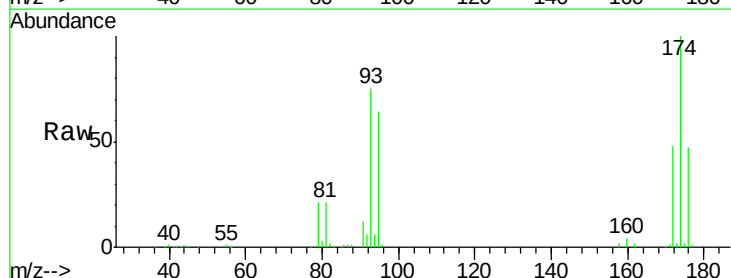
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

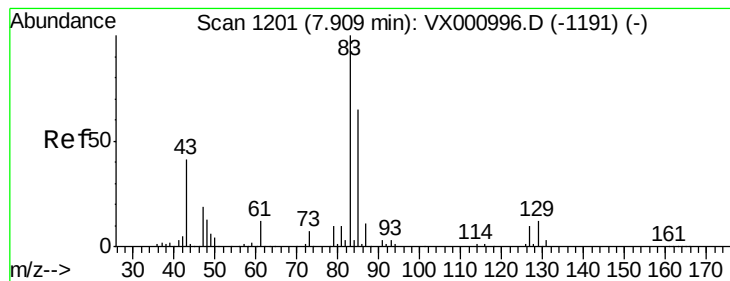
Tgt Ion: 63 Resp: 60078
 Ion Ratio Lower Upper
 63 100
 65 32.8 24.4 36.6



#46
 Dibromomethane
 Concen: 19.90 ug/l
 RT: 7.67 min Scan# 1162
 Delta R.T. 0.00 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

Tgt Ion: 93 Resp: 41309
 Ion Ratio Lower Upper
 93 100
 95 82.4 66.7 100.1
 174 126.5 101.8 152.6





#47

Bromodichloromethane

Concen: 19.78 ug/l

RT: 7.91 min Scan# 1201

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampled :

VX0424WBS01

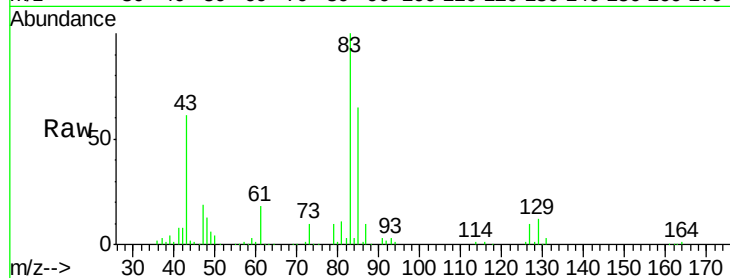
Tgt Ion: 83 Resp: 76032

Ion Ratio Lower Upper

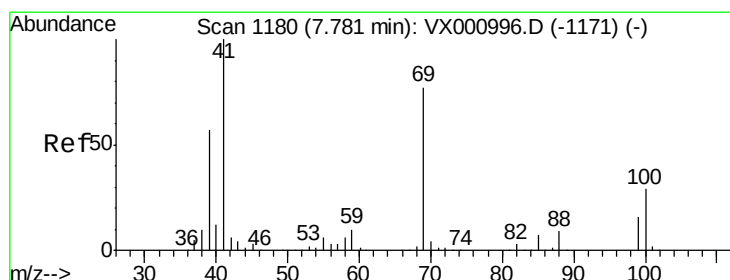
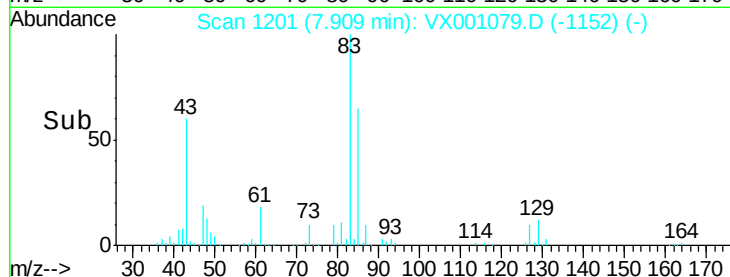
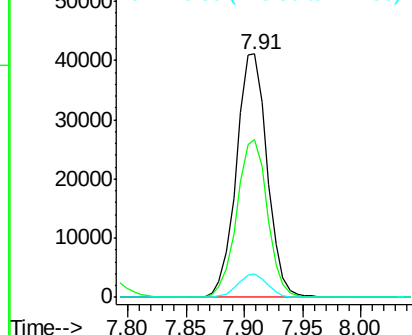
83 100

85 64.6 52.3 78.5

127 9.5 7.8 11.6



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: 20.23 ug/l

RT: 7.79 min Scan# 1181

Delta R.T. 0.01 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

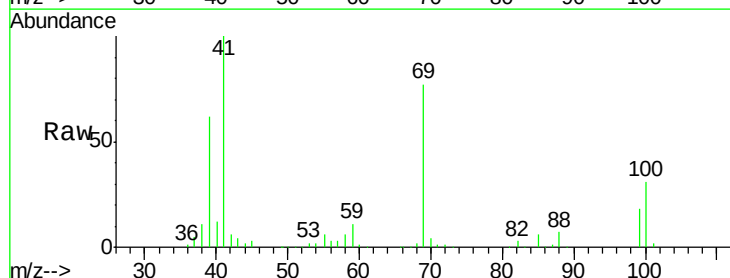
Tgt Ion: 41 Resp: 72832

Ion Ratio Lower Upper

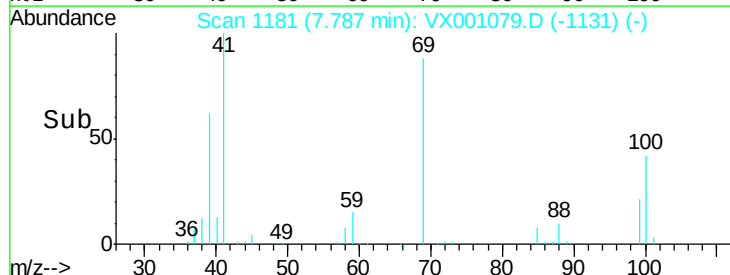
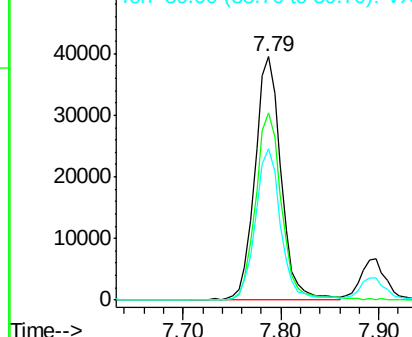
41 100

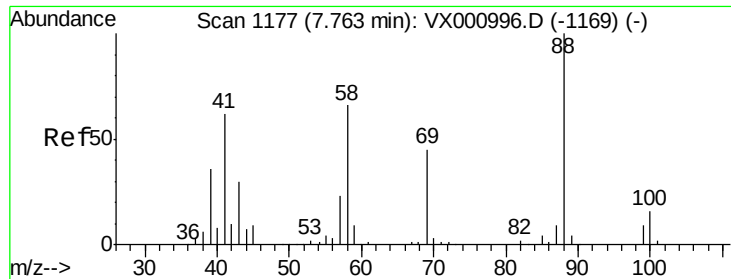
69 77.3 62.6 94.0

39 60.4 45.3 67.9



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

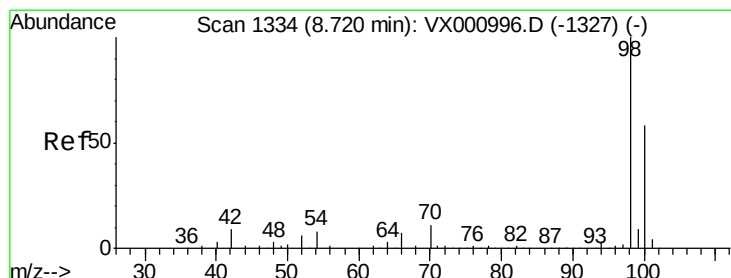
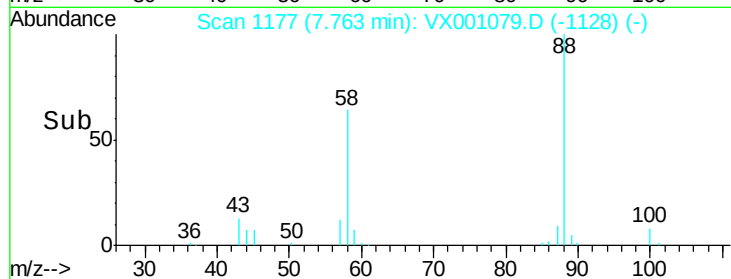
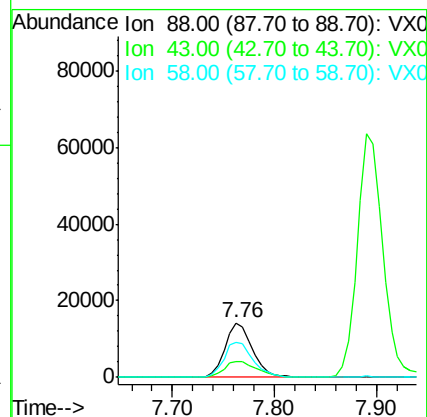
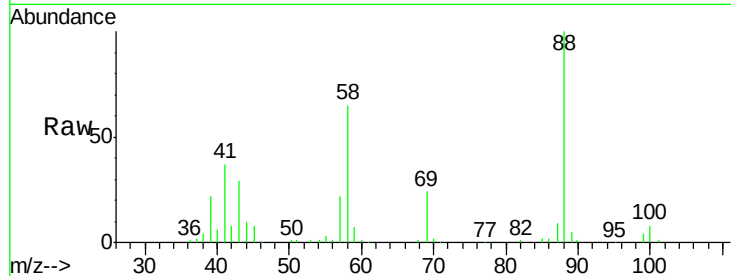




#49
1,4-Dioxane
Concen: 501.79 ug/l
RT: 7.76 min Scan# 1177
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

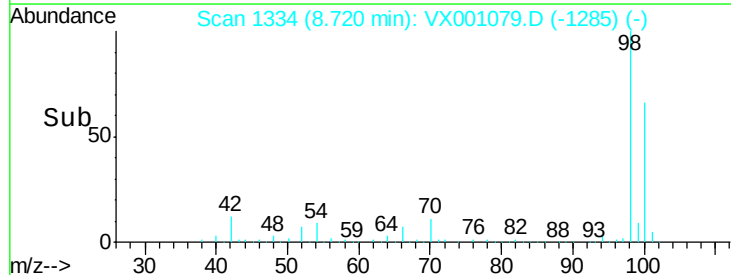
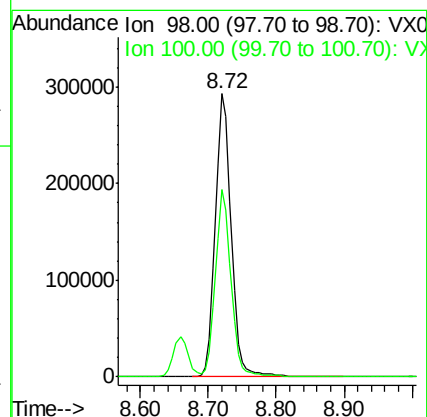
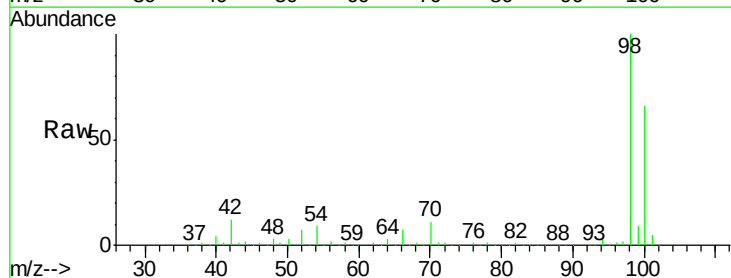
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

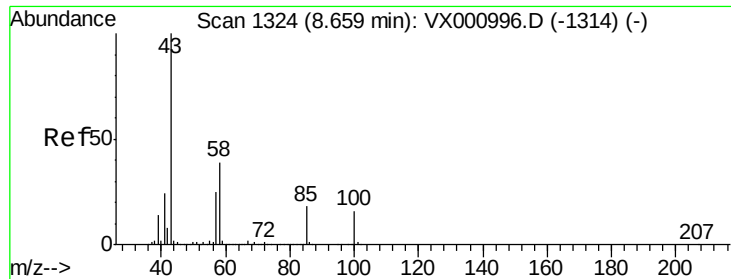
Tgt Ion: 88 Resp: 26568
Ion Ratio Lower Upper
88 100
43 37.1 29.2 43.8
58 69.4 55.0 82.6



#50
Toluene-d8
Concen: 46.85 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion: 98 Resp: 477658
Ion Ratio Lower Upper
98 100
100 64.9 51.9 77.9





#51

4-Methyl-2-Pentanone

Concen: 110.34 ug/l

RT: 8.66 min Scan# 1324

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

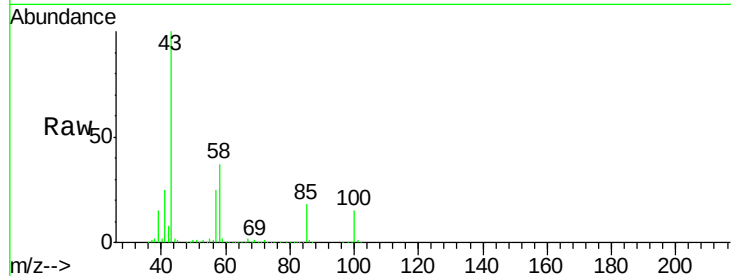
VX0424WBS01

Tgt Ion: 43 Resp: 447967

Ion Ratio Lower Upper

43 100

58 36.4 30.2 45.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

8.66

300000

250000

200000

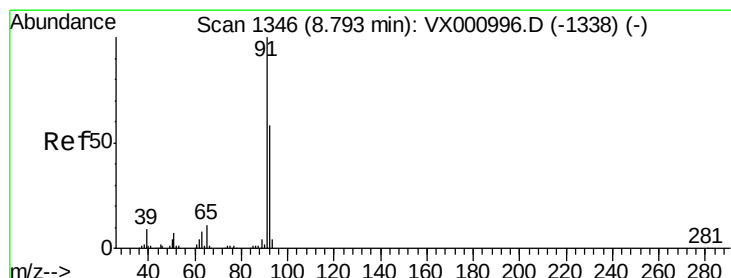
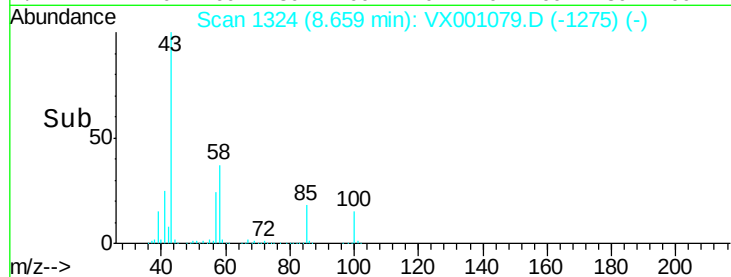
150000

100000

50000

0

Time-->



#52

Toluene

Concen: 19.65 ug/l

RT: 8.79 min Scan# 1346

Delta R.T. 0.00 min

Lab File: VX001079.D

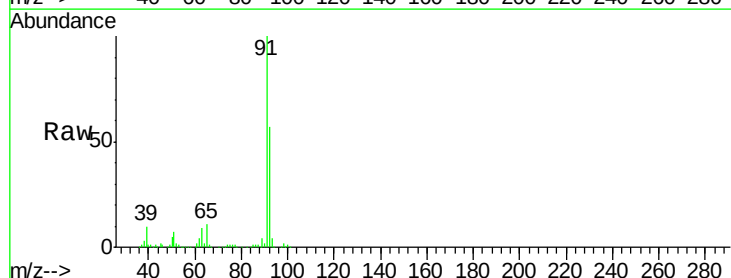
Acq: 24 Apr 2018 16:20

Tgt Ion: 92 Resp: 151518

Ion Ratio Lower Upper

92 100

91 173.3 138.2 207.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

8.79

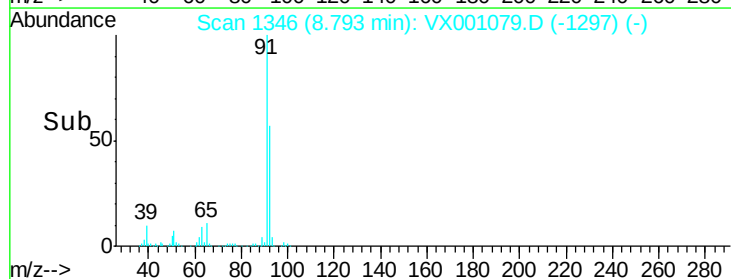
150000

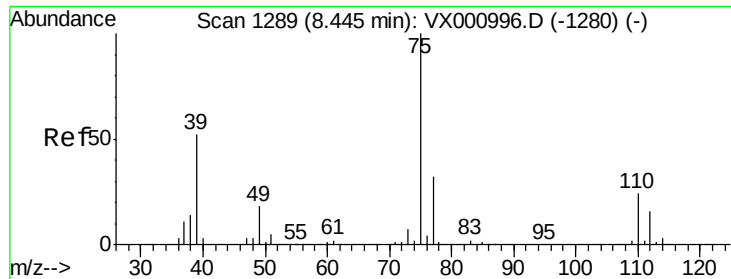
100000

50000

0

Time-->





#53

t-1,3-Dichloropropene

Concen: 19.43 ug/l

RT: 8.45 min Scan# 1289

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

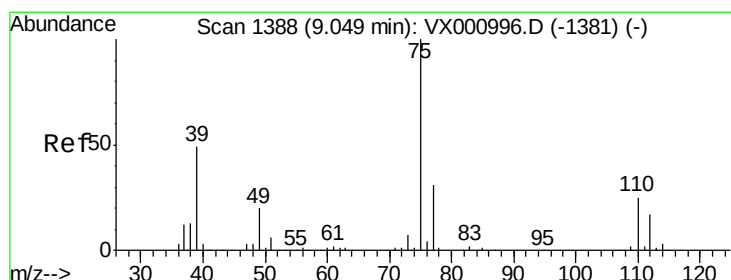
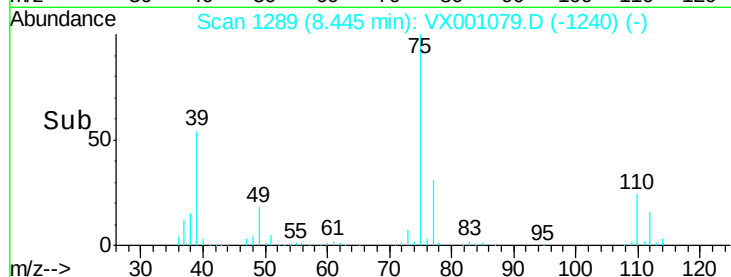
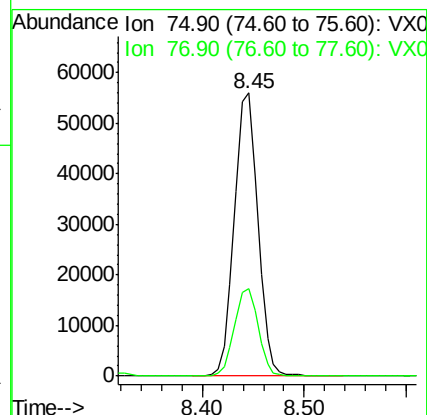
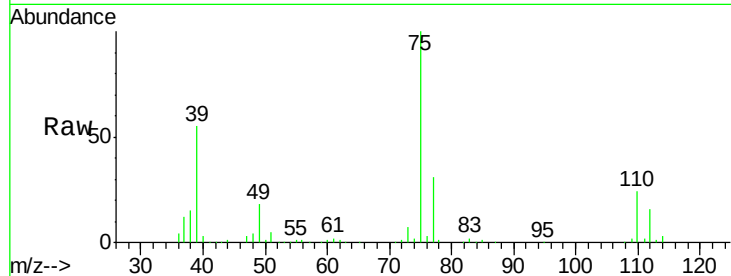
VX0424WBS01

Tgt Ion: 75 Resp: 89361

Ion Ratio Lower Upper

75 100

77 31.1 25.8 38.6



#54

cis-1,3-Dichloropropene

Concen: 18.95 ug/l

RT: 9.05 min Scan# 1388

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

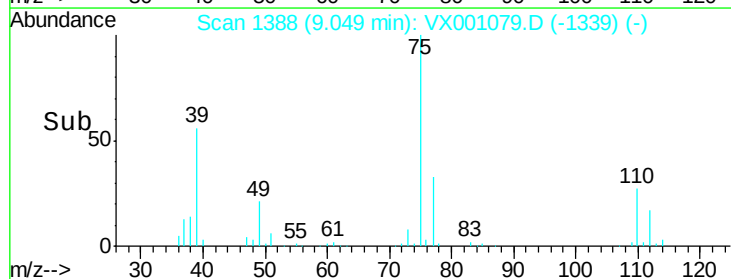
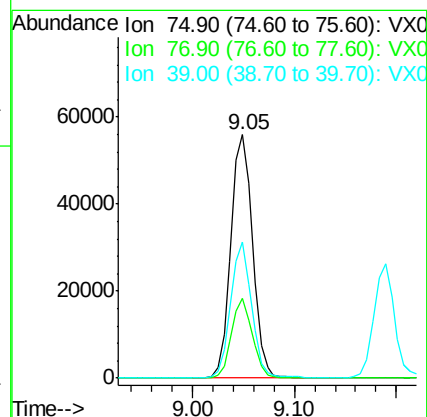
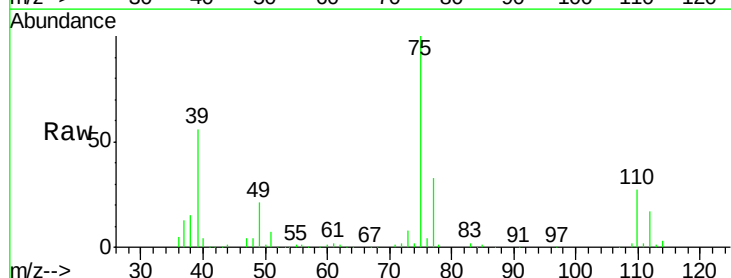
Tgt Ion: 75 Resp: 82154

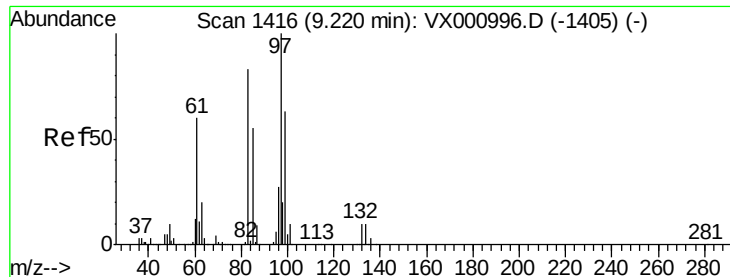
Ion Ratio Lower Upper

75 100

77 32.9 25.0 37.6

39 55.8 39.2 58.8

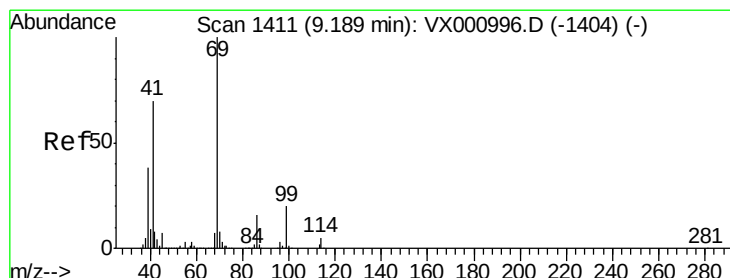
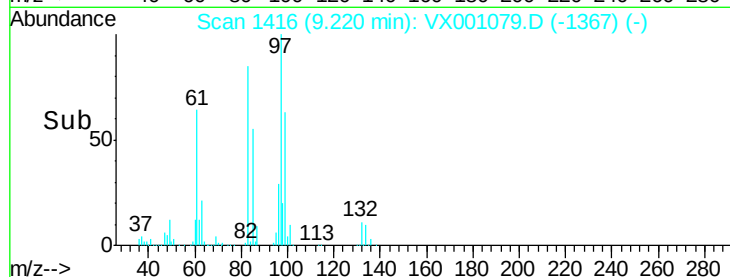
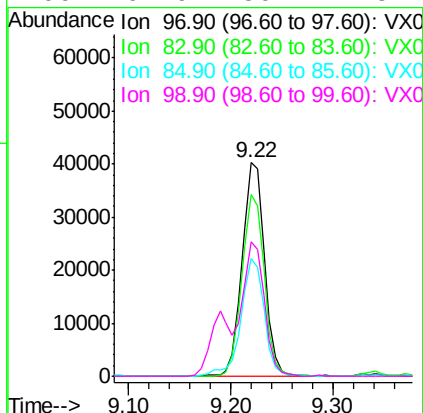
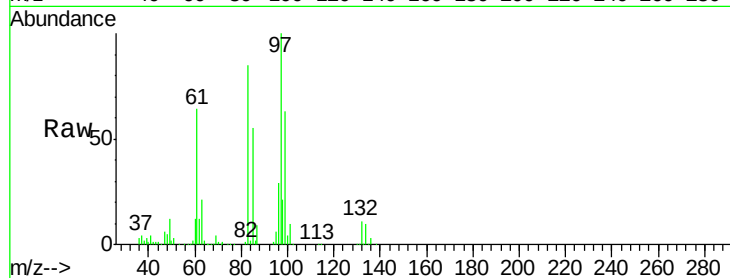




#55
 1,1,2-Trichloroethane
 Concen: 19.95 ug/l
 RT: 9.22 min Scan# 1416
 Delta R.T. 0.00 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

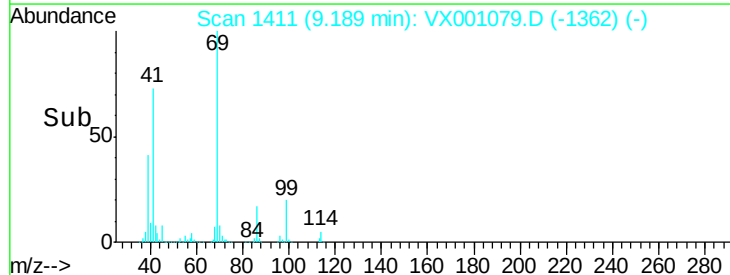
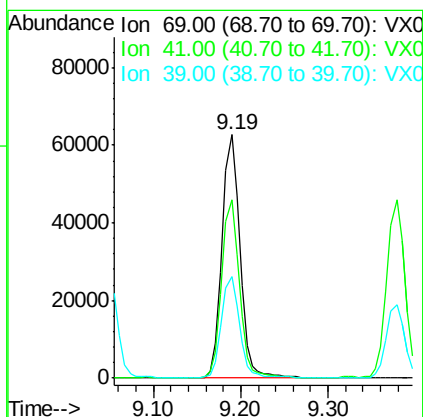
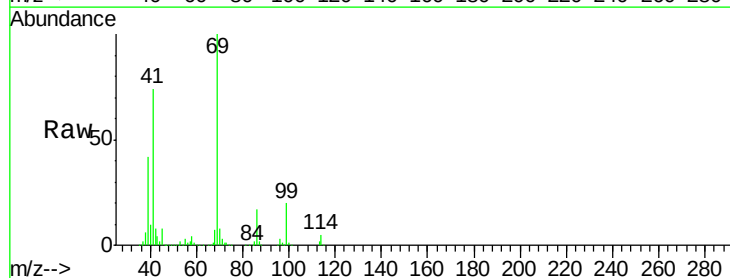
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

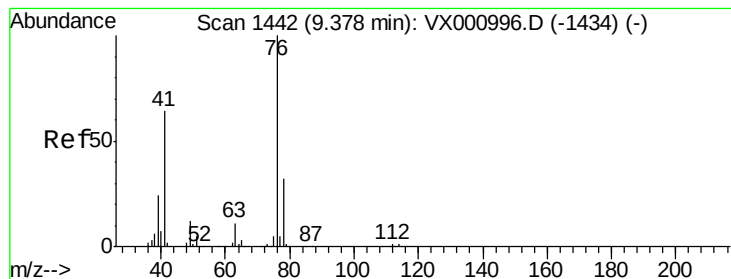
Tgt Ion:	97	Resp:	61141
Ion	Ratio	Lower	Upper
97	100		
83	84.9	66.2	99.4
85	55.4	44.2	66.4
99	62.9	50.2	75.4



#56
 Ethyl methacrylate
 Concen: 19.91 ug/l
 RT: 9.19 min Scan# 1411
 Delta R.T. 0.00 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

Tgt Ion:	69	Resp:	89607
Ion	Ratio	Lower	Upper
69	100		
41	72.1	56.3	84.5
39	41.4	30.4	45.6





#57

1,3-Dichloropropane

Concen: 19.91 ug/l

RT: 9.38 min Scan# 1442

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

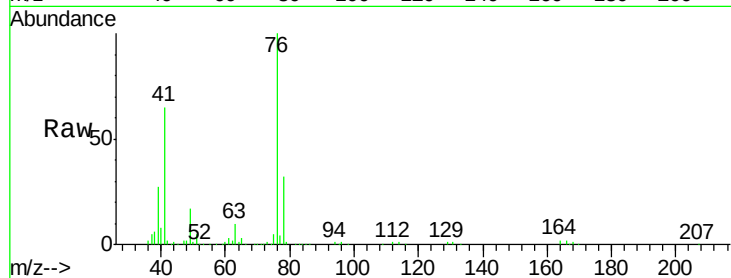
VX0424WBS01

Tgt Ion: 76 Resp: 101100

Ion Ratio Lower Upper

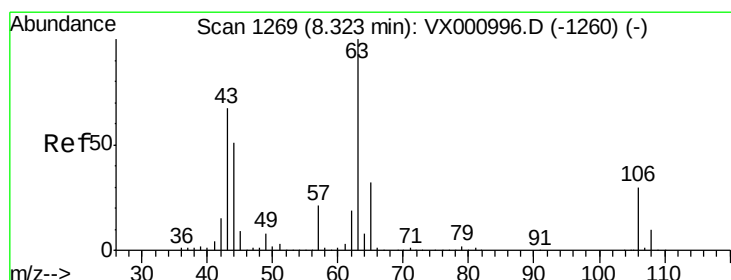
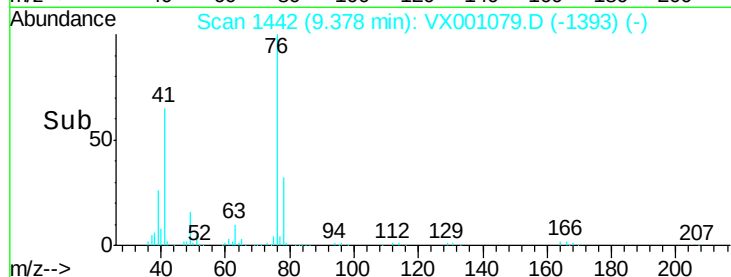
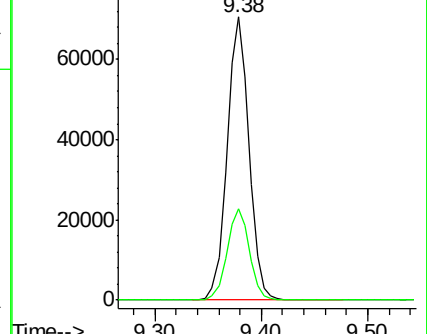
76 100

78 32.9 25.8 38.6



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#58

2-Chloroethyl Vinyl ether

Concen: 120.46 ug/l

RT: 8.32 min Scan# 1269

Delta R.T. 0.00 min

Lab File: VX001079.D

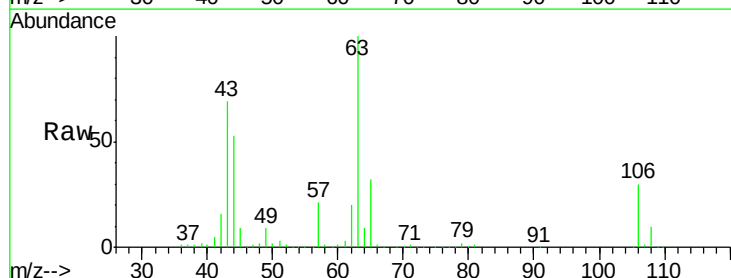
Acq: 24 Apr 2018 16:20

Tgt Ion: 63 Resp: 264608

Ion Ratio Lower Upper

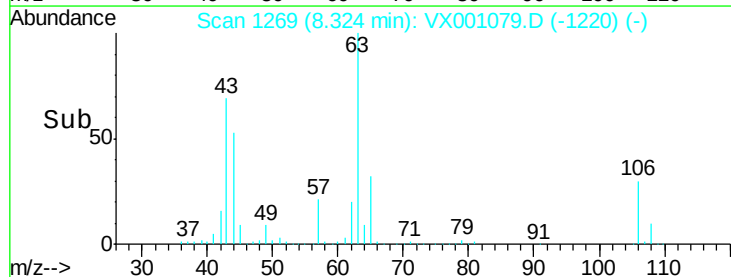
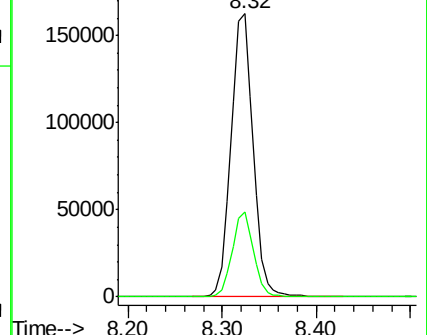
63 100

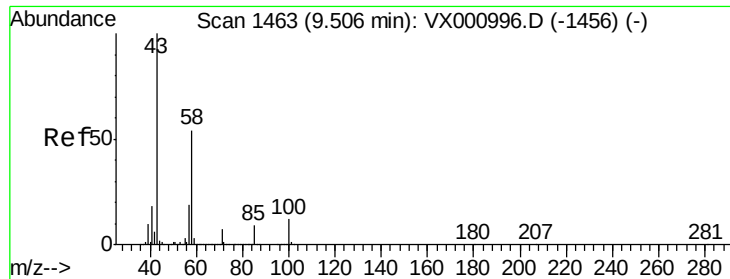
106 28.9 23.8 35.6



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 105.90 (105.60 to 106.60): V

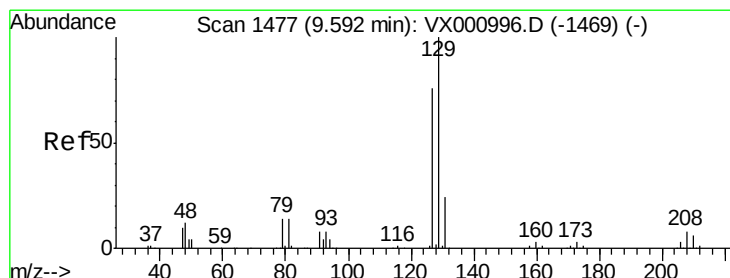
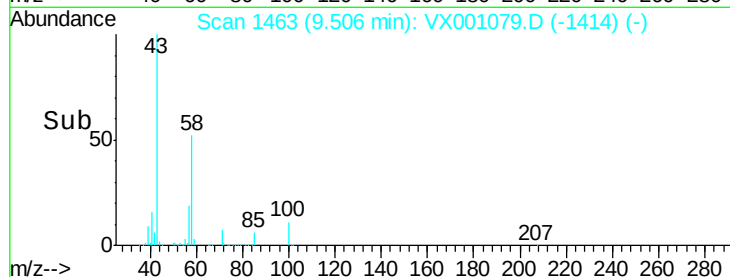
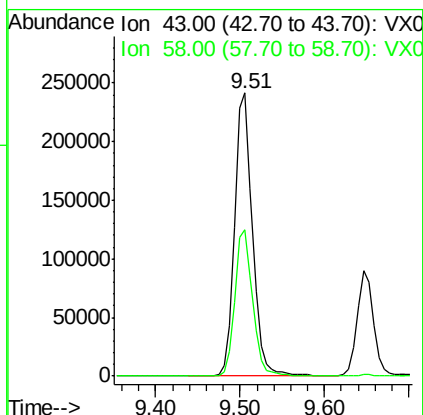
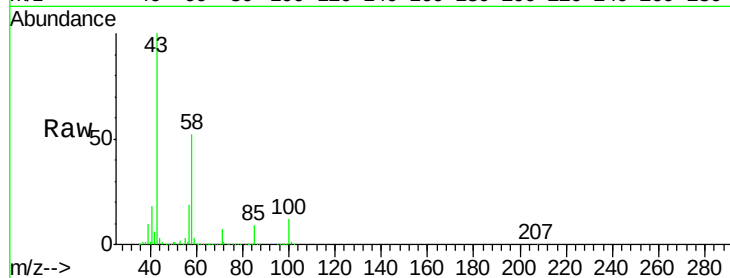




#59
2-Hexanone
Concen: 111.03 ug/l
RT: 9.51 min Scan# 1463
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

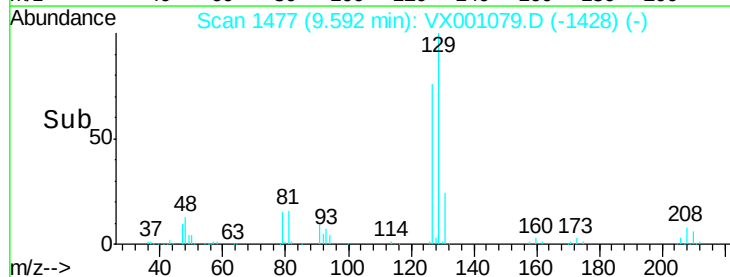
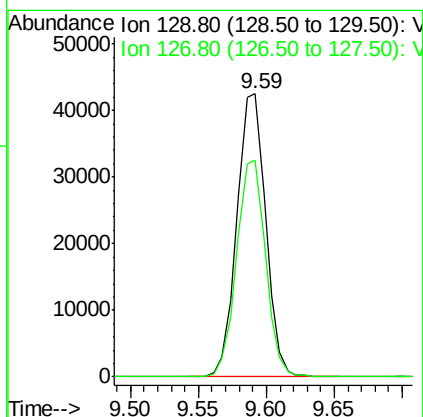
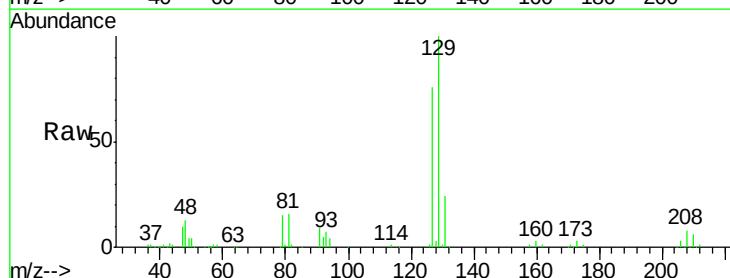
Instrument :
MSVOA_X
ClientSampled :
VX0424WBS01

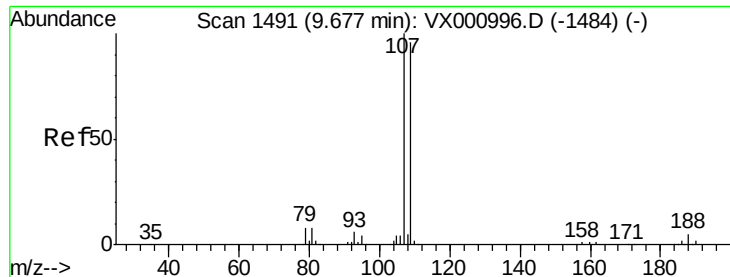
Tgt Ion: 43 Resp: 345053
Ion Ratio Lower Upper
43 100
58 51.5 26.3 78.9



#60
Dibromochloromethane
Concen: 19.54 ug/l
RT: 9.59 min Scan# 1477
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion: 129 Resp: 62890
Ion Ratio Lower Upper
129 100
127 76.6 38.6 115.8





#61

1,2-Dibromoethane

Concen: 20.20 ug/l

RT: 9.68 min Scan# 1491

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

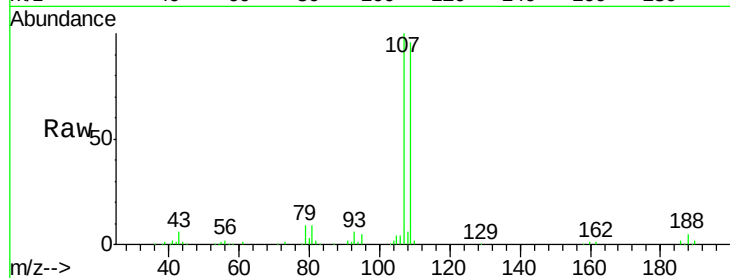
VX0424WBS01

Tgt Ion: 107 Resp: 65332

Ion Ratio Lower Upper

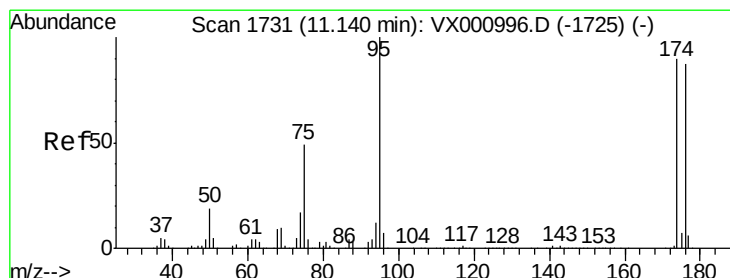
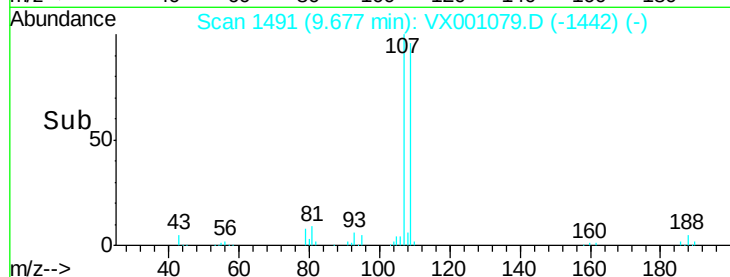
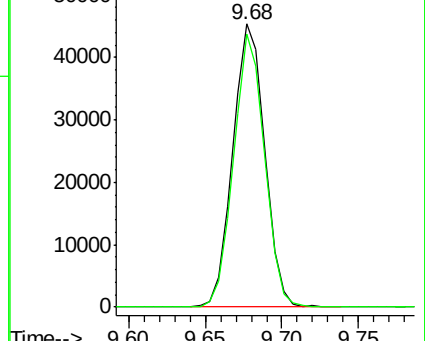
107 100

109 93.9 76.0 114.0



Abundance Ion 106.90 (106.60 to 107.60): V

Ion 108.80 (108.50 to 109.50): V



#62

4-Bromofluorobenzene

Concen: 45.58 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

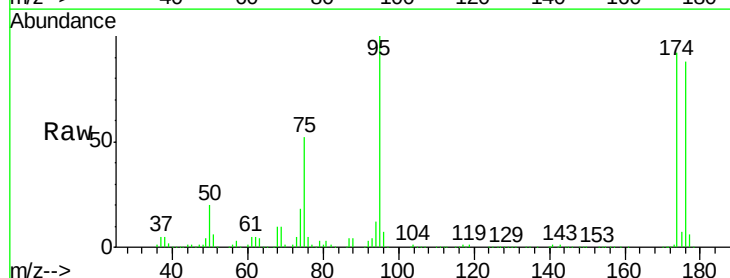
Tgt Ion: 95 Resp: 194997

Ion Ratio Lower Upper

95 100

174 97.8 0.0 198.4

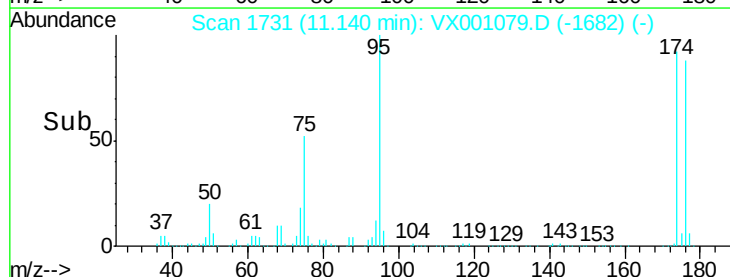
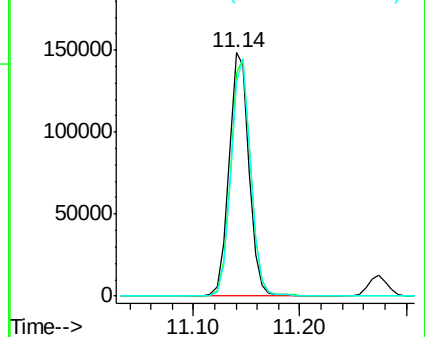
176 95.4 0.0 192.0

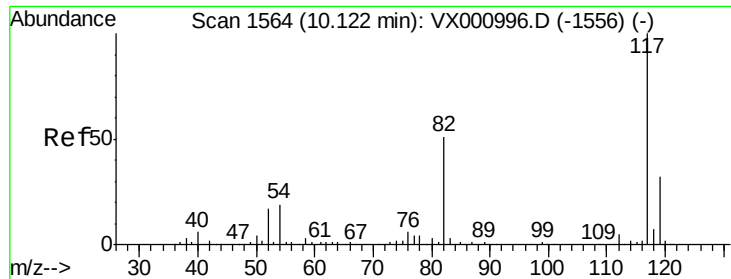


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

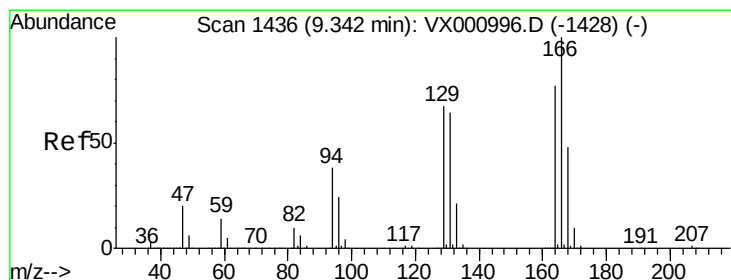
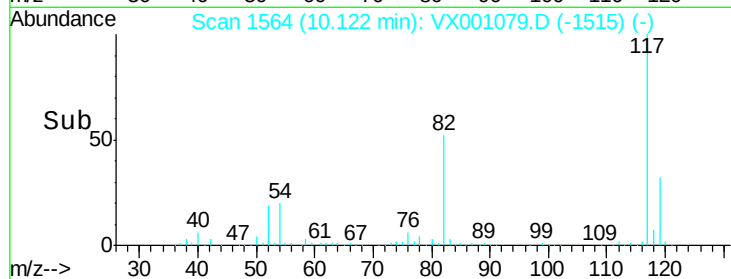
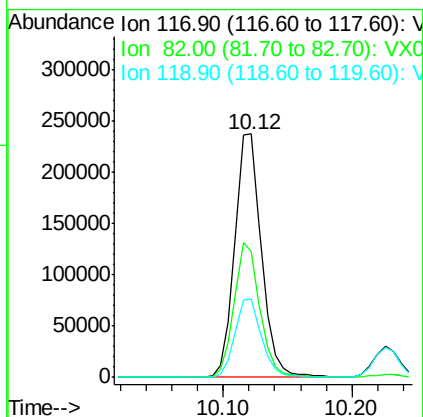
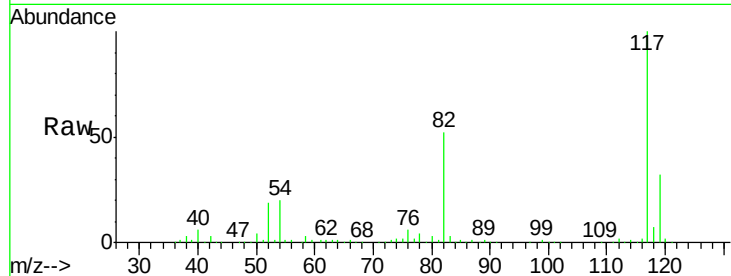




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

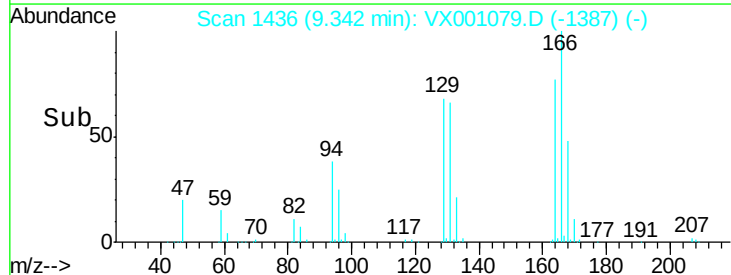
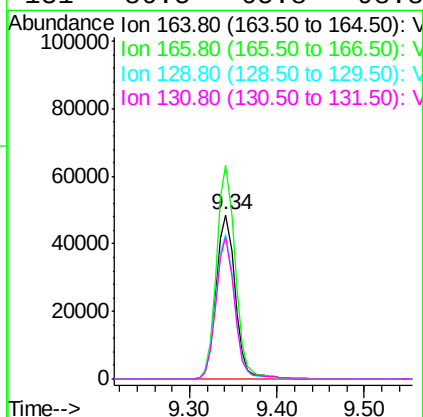
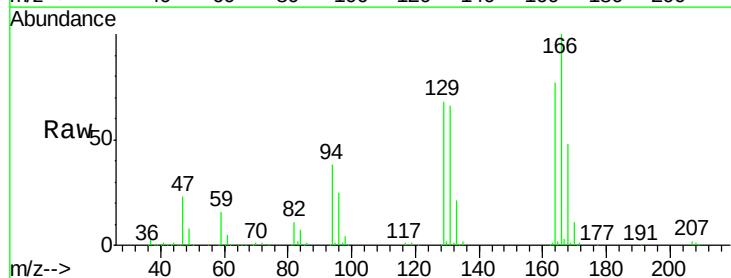
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

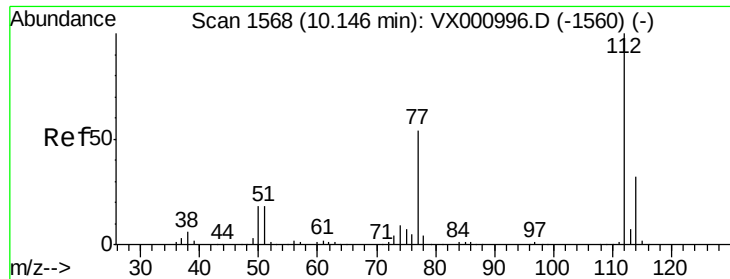
Tgt Ion:117 Resp: 343800
Ion Ratio Lower Upper
117 100
82 51.9 40.6 60.8
119 32.5 26.0 39.0



#64
Tetrachloroethene
Concen: 20.09 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion:164 Resp: 73340
Ion Ratio Lower Upper
164 100
166 130.2 103.5 155.3
129 88.1 69.6 104.4
131 86.5 65.8 98.8





#65

Chlorobenzene

Concen: 19.42 ug/l

RT: 10.15 min Scan# 1568

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampled :

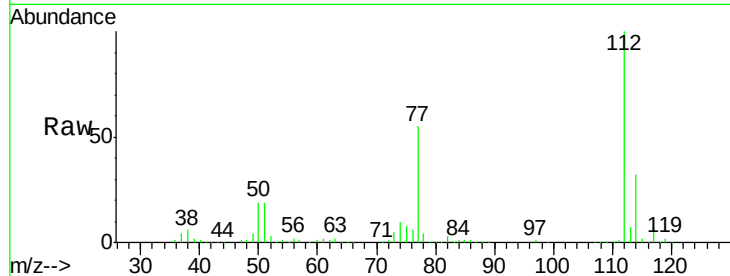
VX0424WBS01

Tgt Ion:112 Resp: 177772

Ion Ratio Lower Upper

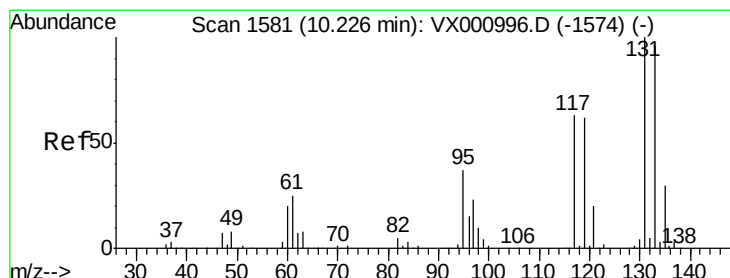
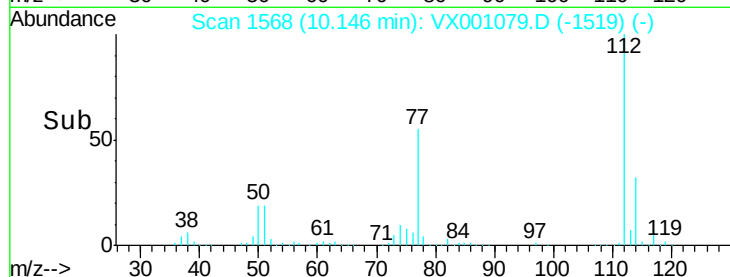
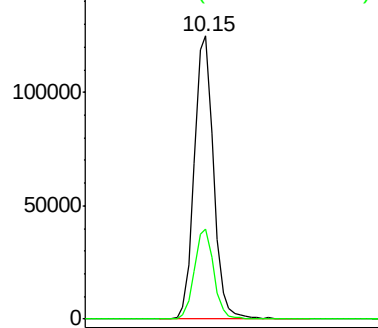
112 100

114 31.6 25.5 38.3



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: 19.97 ug/l

RT: 10.23 min Scan# 1581

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

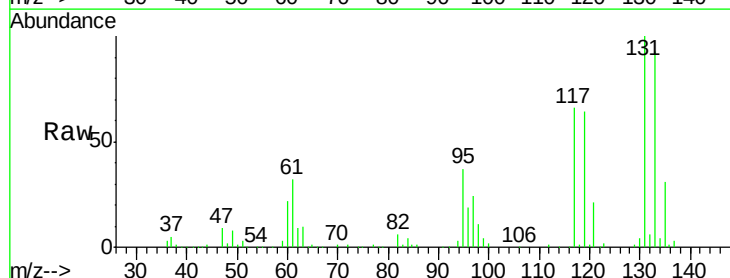
Tgt Ion:131 Resp: 62754

Ion Ratio Lower Upper

131 100

133 94.8 47.6 142.8

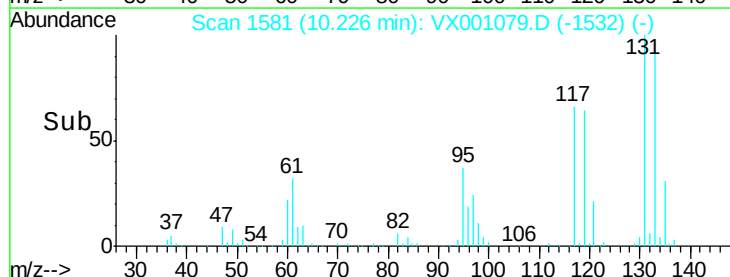
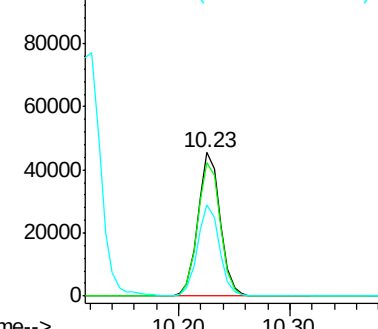
119 63.0 31.1 93.2

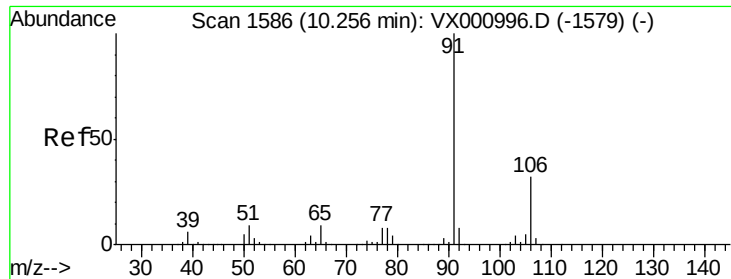


Abundance Ion 130.80 (130.50 to 131.50): V

Ion 132.80 (132.50 to 133.50): V

Ion 118.80 (118.50 to 119.50): V

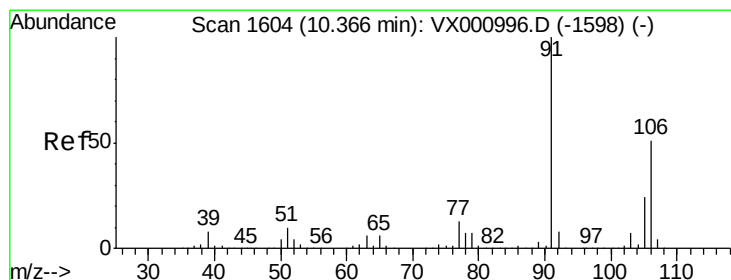
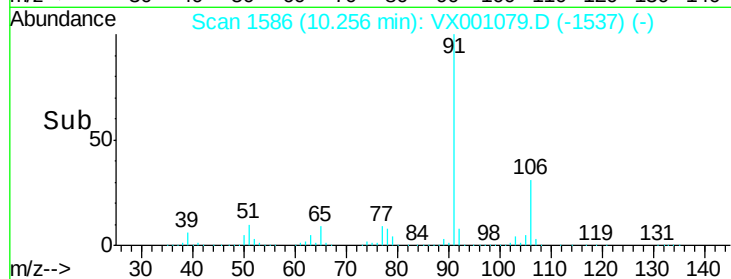
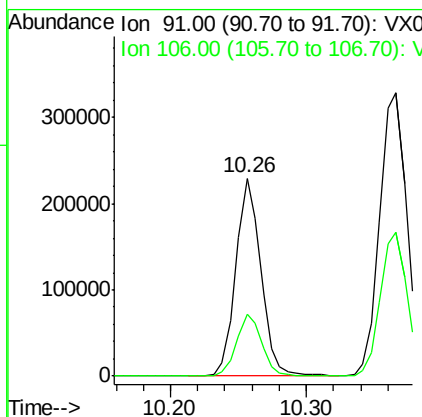
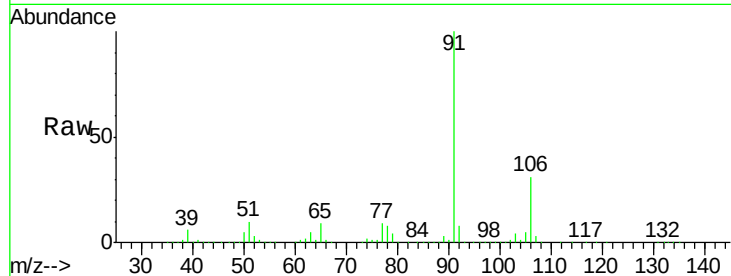




#67
Ethyl Benzene
Concen: 19.44 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

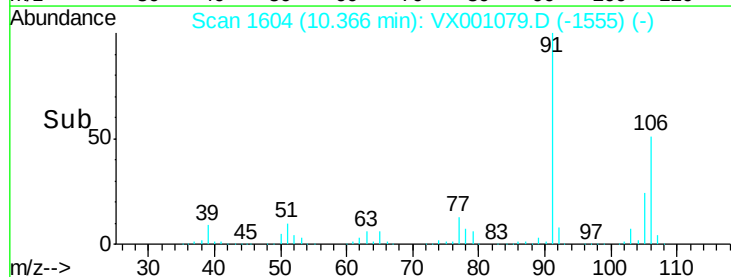
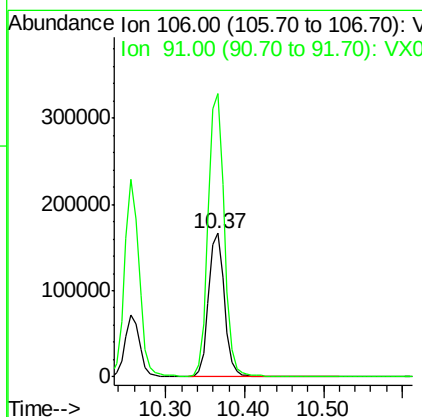
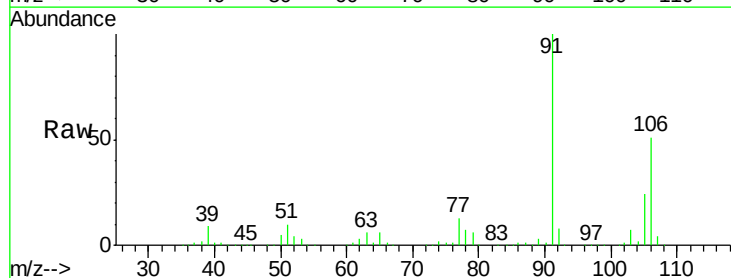
Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

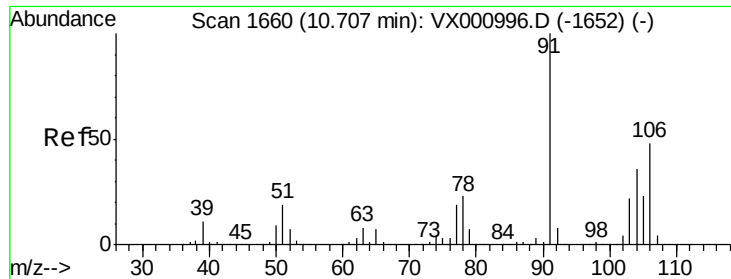
Tgt Ion: 91 Resp: 295551
Ion Ratio Lower Upper
91 100
106 31.2 25.7 38.5



#68
m/p-Xylenes
Concen: 38.83 ug/l
RT: 10.37 min Scan# 1604
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion: 106 Resp: 232682
Ion Ratio Lower Upper
106 100
91 201.3 159.3 238.9

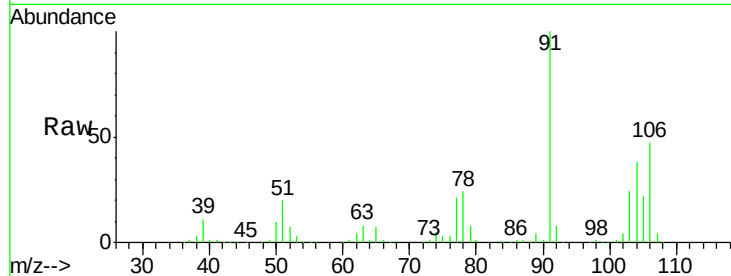




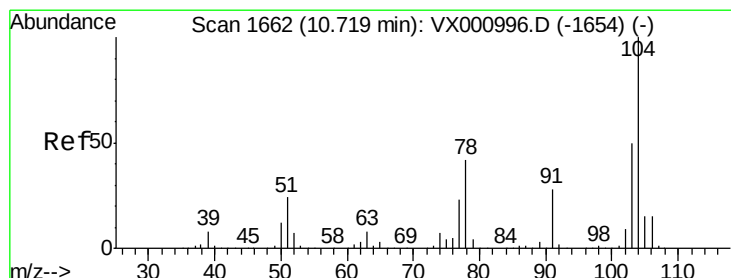
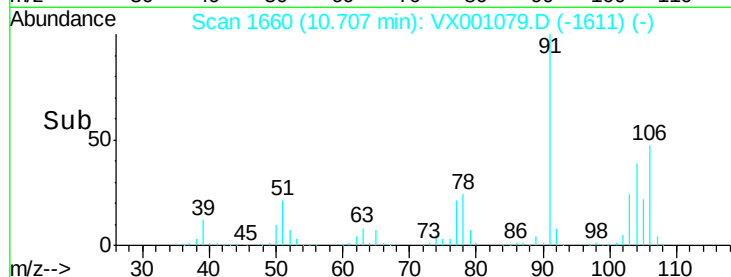
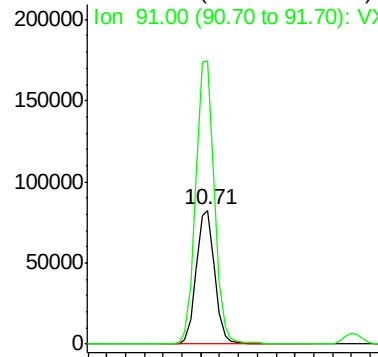
#69
o-Xylene
Concen: 19.39 ug/l
RT: 10.71 min Scan# 1660
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Tgt Ion:106 Resp: 112028
Ion Ratio Lower Upper
106 100
91 214.5 105.1 315.1

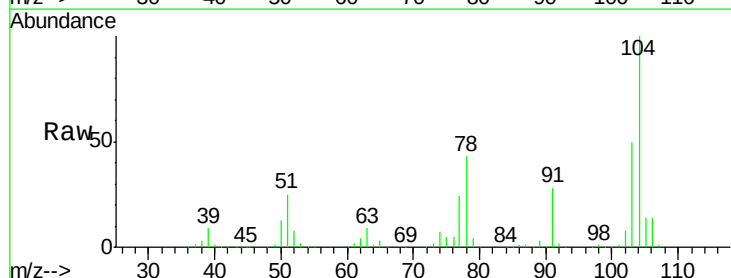


Abundance Ion 106.00 (105.70 to 106.70): V
Ion 91.00 (90.70 to 91.70): VX0

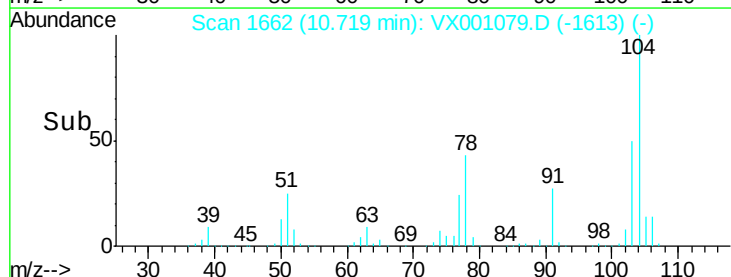
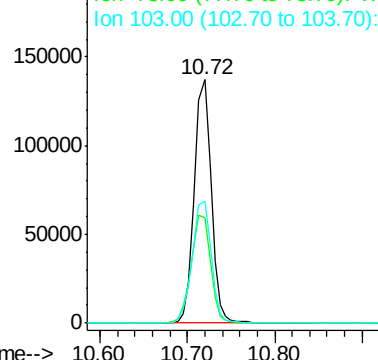


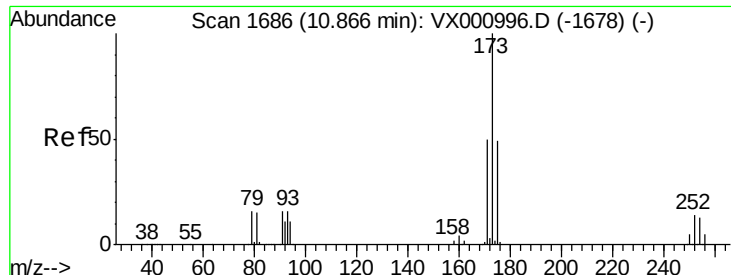
#70
Styrene
Concen: 19.42 ug/l
RT: 10.72 min Scan# 1662
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion:104 Resp: 184788
Ion Ratio Lower Upper
104 100
78 50.9 39.4 59.2
103 56.1 44.2 66.2



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

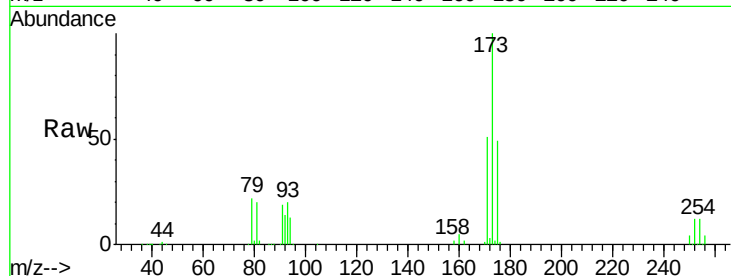




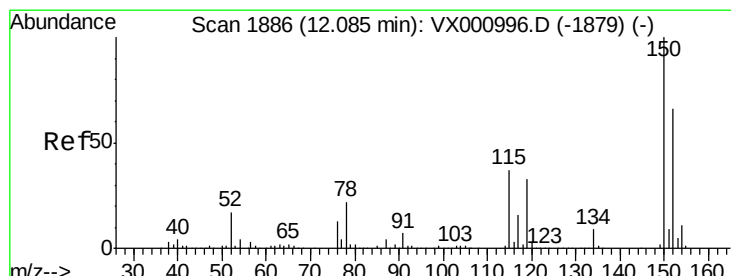
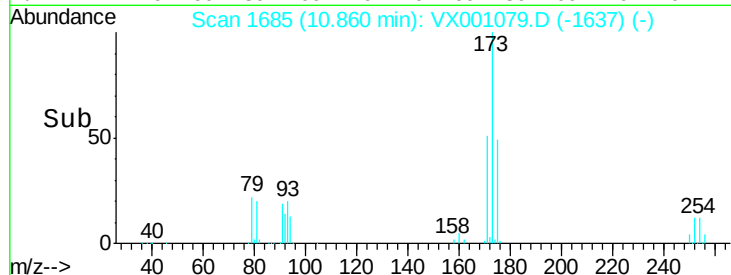
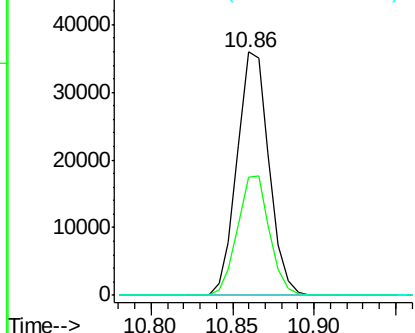
#71
Bromoform
Concen: 18.58 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. -0.01 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Tgt Ion:173 Resp: 49050
Ion Ratio Lower Upper
173 100
175 49.2 24.8 74.3
254 0.2 0.2 0.2

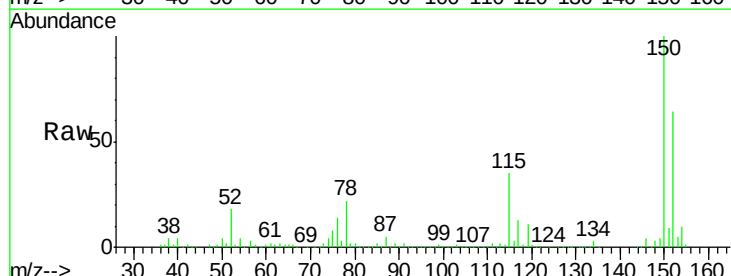


Abundance Ion 172.70 (172.40 to 173.40): V
Ion 174.70 (174.40 to 175.40): V
Ion 254.40 (254.10 to 255.10): V

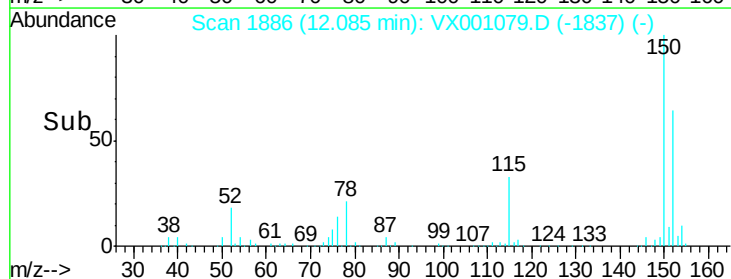
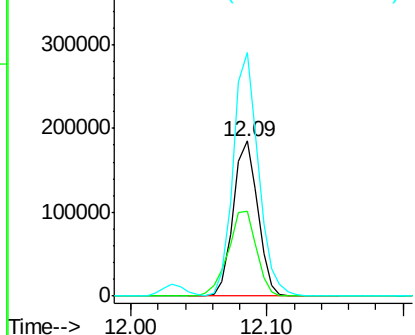


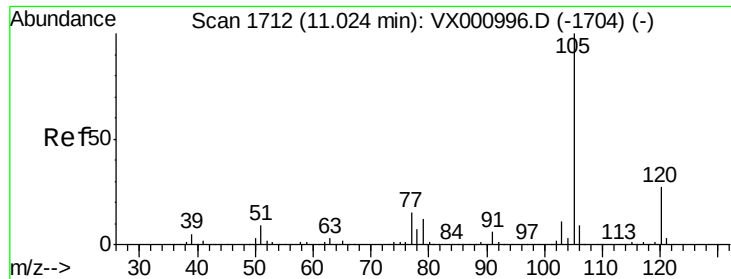
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion:152 Resp: 231696
Ion Ratio Lower Upper
152 100
115 63.3 38.2 114.6
150 162.4 0.0 350.4



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





#73

Isopropylbenzene

Concen: 20.18 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampled :

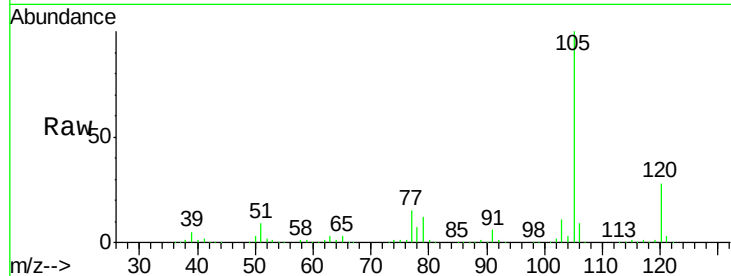
VX0424WBS01

Tgt Ion: 105 Resp: 305725

Ion Ratio Lower Upper

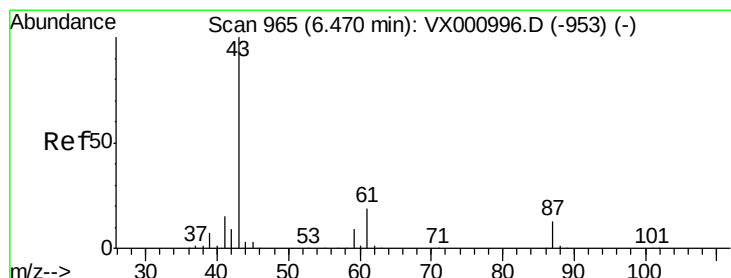
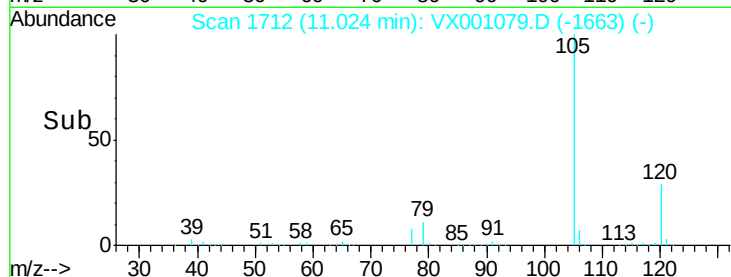
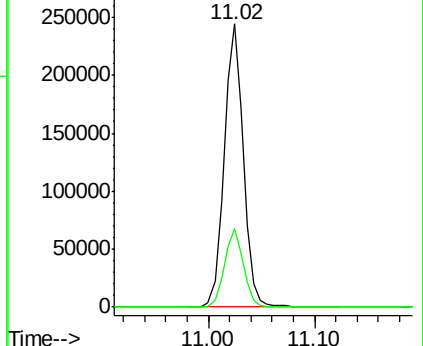
105 100

120 27.5 13.4 40.2



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#74

N-ethyl acetate

Concen: 21.05 ug/l

RT: 6.48 min Scan# 966

Delta R.T. 0.01 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Tgt Ion: 43 Resp: 136387

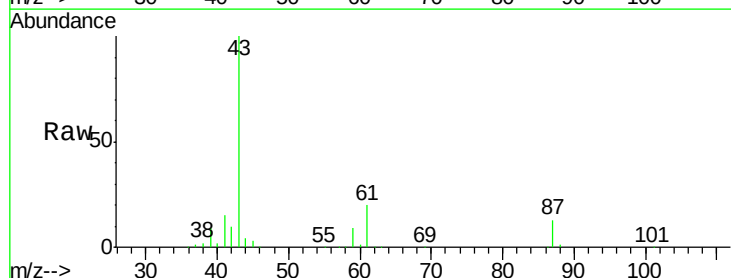
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.1 0.1 0.1#

61 18.7 15.4 23.2

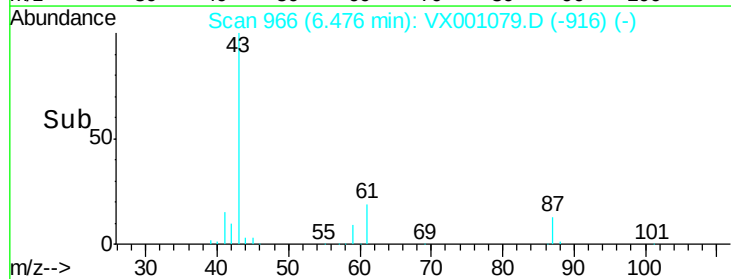
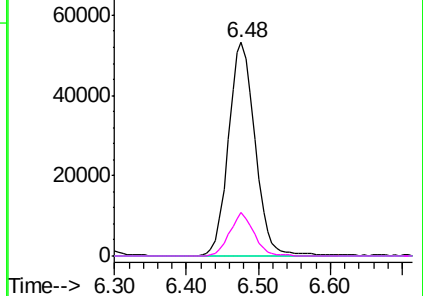


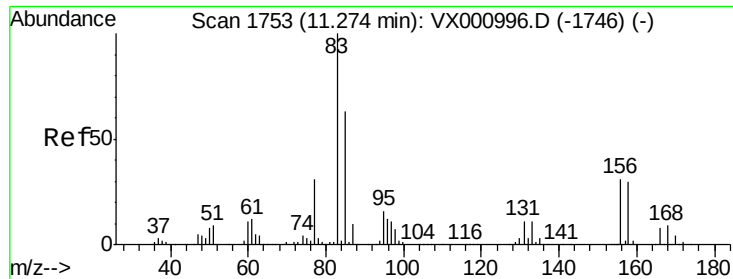
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#75

1,1,2,2-Tetrachloroethane

Concen: 21.26 ug/l

RT: 11.27 min Scan# 1753

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

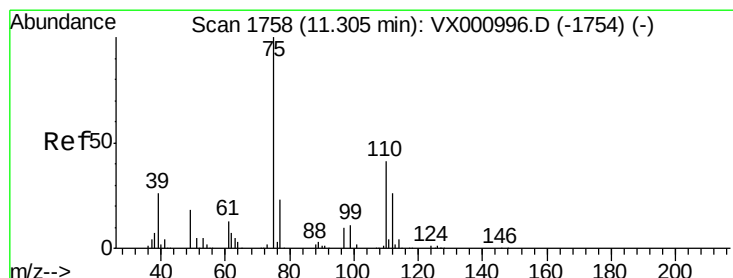
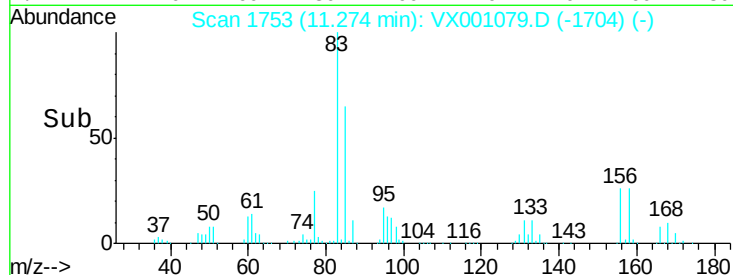
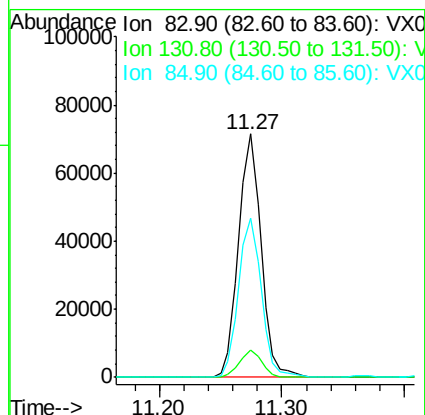
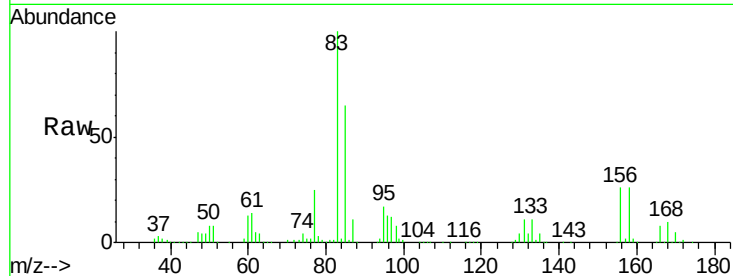
Tgt Ion: 83 Resp: 91148

Ion Ratio Lower Upper

83 100

131 11.2 5.8 17.4

85 65.9 32.0 96.2



#76

1,2,3-Trichloropropane

Concen: 25.53 ug/l

RT: 11.30 min Scan# 1758

Delta R.T. 0.00 min

Lab File: VX001079.D

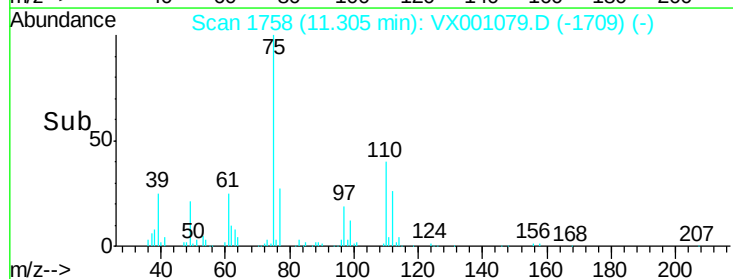
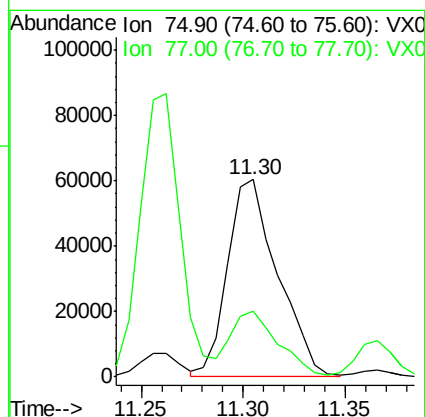
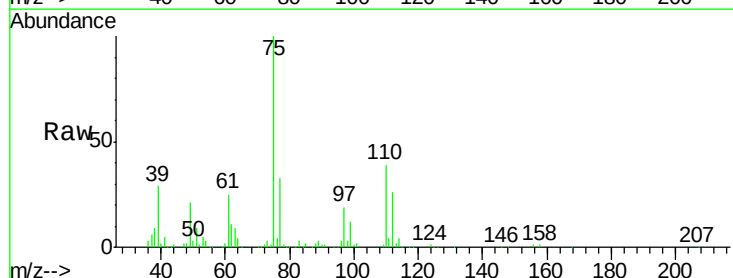
Acq: 24 Apr 2018 16:20

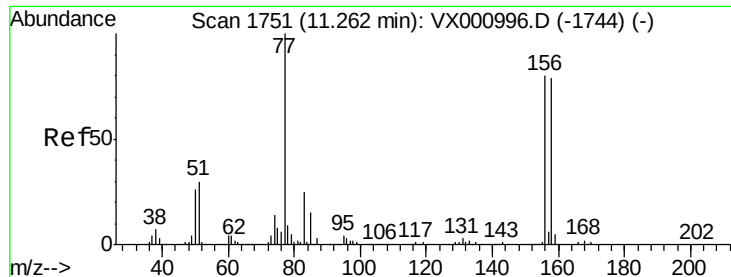
Tgt Ion: 75 Resp: 102624

Ion Ratio Lower Upper

75 100

77 31.4 19.6 58.7





#77

Bromobenzene

Concen: 19.65 ug/l

RT: 11.26 min Scan# 1751

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

VX0424WBS01

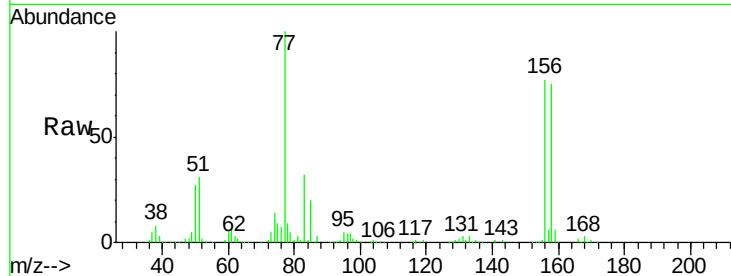
Tgt Ion:156 Resp: 86420

Ion Ratio Lower Upper

156 100

77 137.0 66.3 199.0

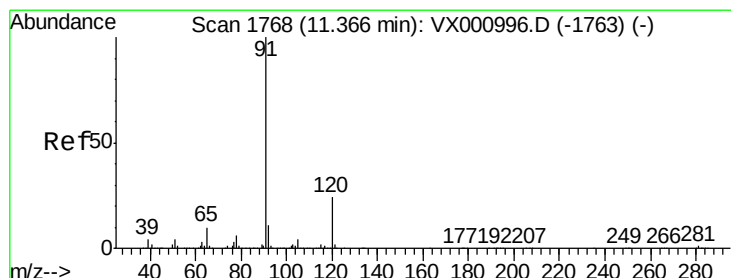
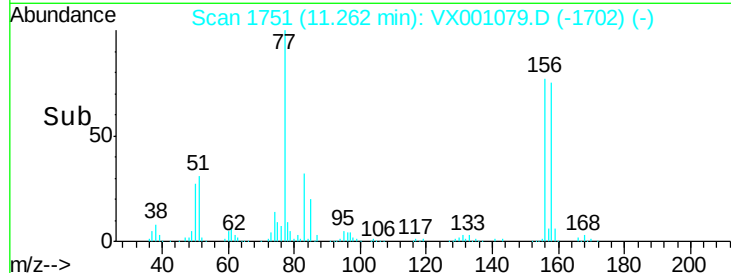
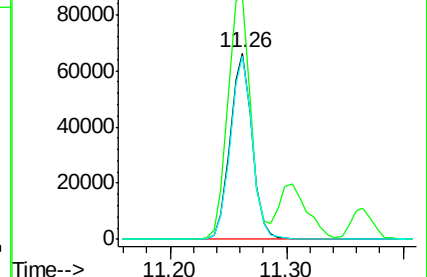
158 98.3 48.9 146.6



Abundance Ion 155.80 (155.50 to 156.50): V

Ion 77.00 (76.70 to 77.70): VX0

Ion 157.80 (157.50 to 158.50): V



#78

n-propylbenzene

Concen: 19.81 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.00 min

Lab File: VX001079.D

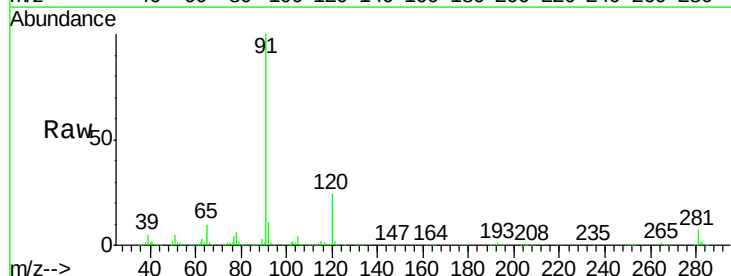
Acq: 24 Apr 2018 16:20

Tgt Ion: 91 Resp: 344497

Ion Ratio Lower Upper

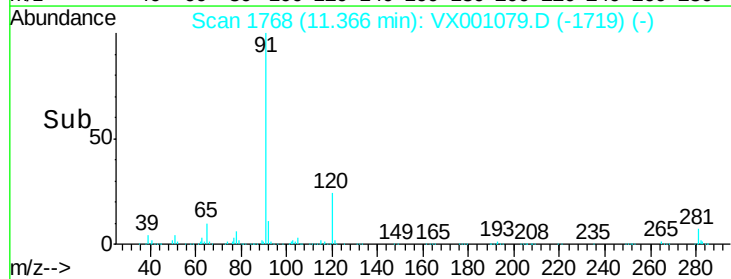
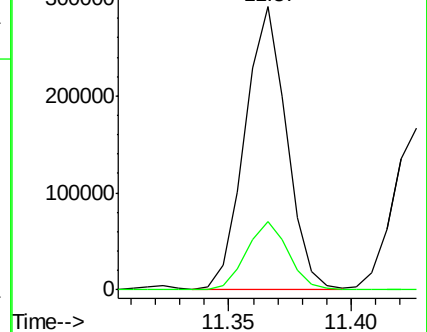
91 100

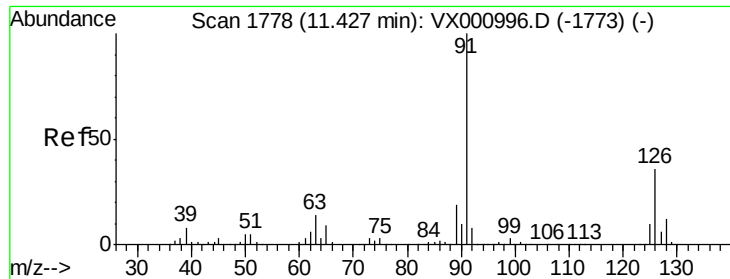
120 24.6 12.4 37.0



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V





#79

2-Chlorotoluene

Concen: 19.96 ug/l

RT: 11.43 min Scan# 1778

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

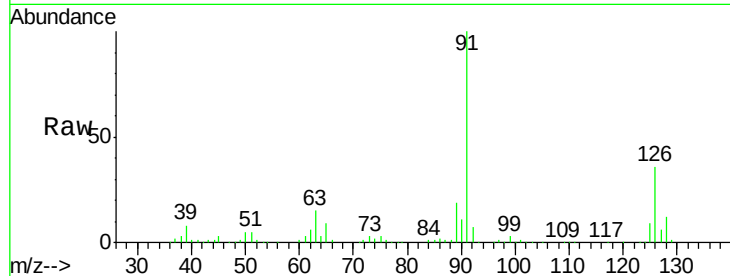
VX0424WBS01

Tgt Ion: 91 Resp: 205151

Ion Ratio Lower Upper

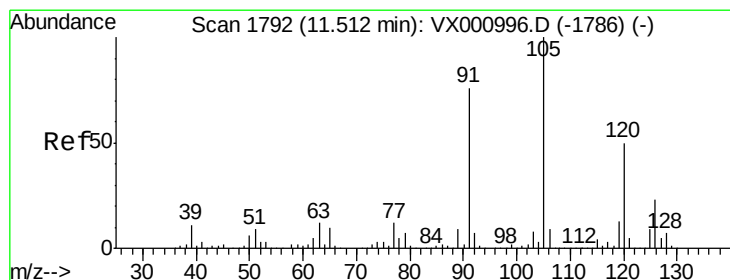
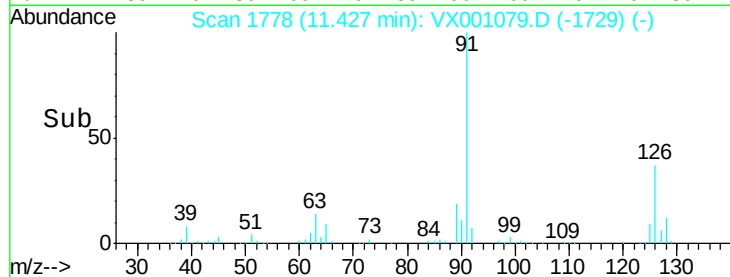
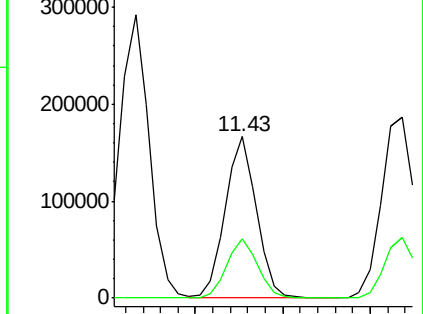
91 100

126 36.8 18.3 54.9



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: 20.38 ug/l

RT: 11.51 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX001079.D

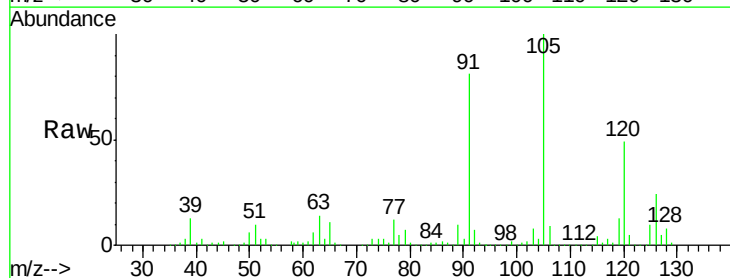
Acq: 24 Apr 2018 16:20

Tgt Ion: 105 Resp: 261618

Ion Ratio Lower Upper

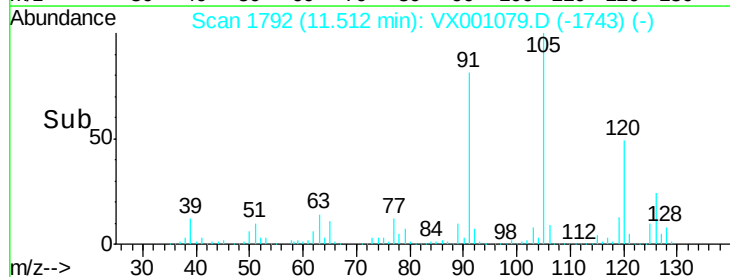
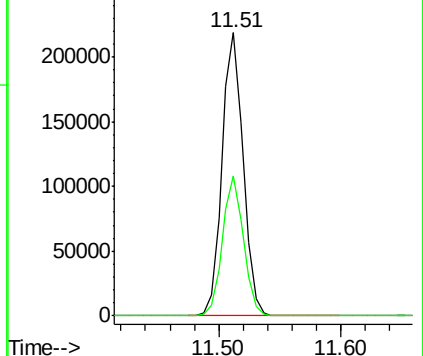
105 100

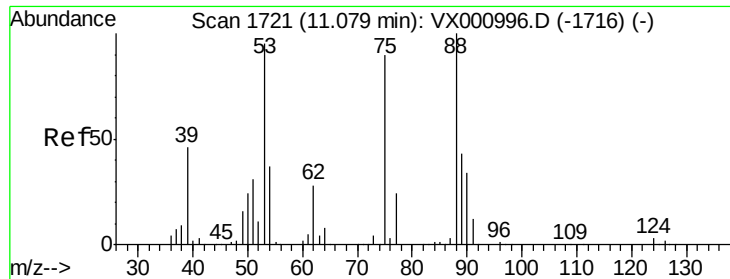
120 49.0 25.0 75.0



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: 18.15 ug/l

RT: 11.08 min Scan# 1721

Delta R.T. 0.00 min

Lab File: VX001079.D

Acq: 24 Apr 2018 16:20

Instrument :

MSVOA_X

ClientSampled :

VX0424WBS01

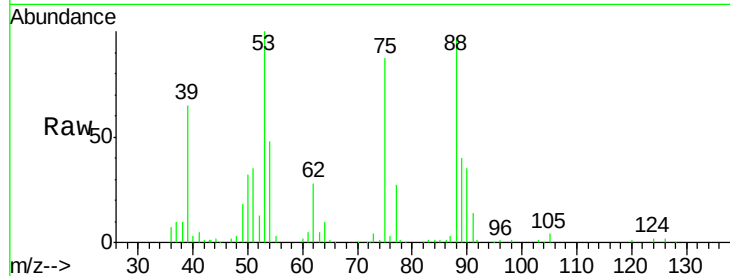
Tgt Ion: 75 Resp: 20874

Ion Ratio Lower Upper

75 100

53 119.7 83.4 125.2

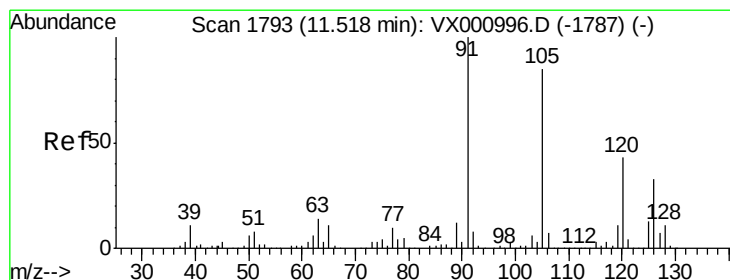
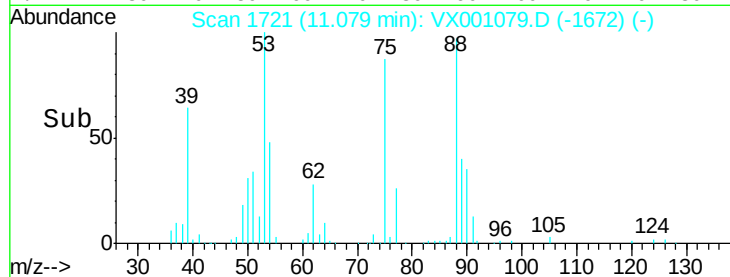
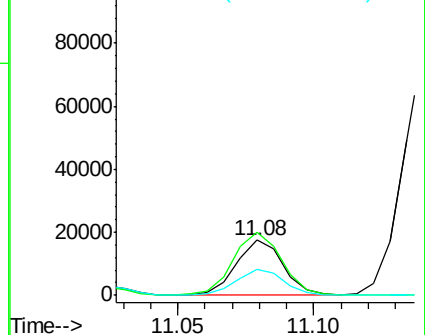
89 48.3 39.7 59.5



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



#82

4-Chlorotoluene

Concen: 19.76 ug/l

RT: 11.52 min Scan# 1793

Delta R.T. 0.00 min

Lab File: VX001079.D

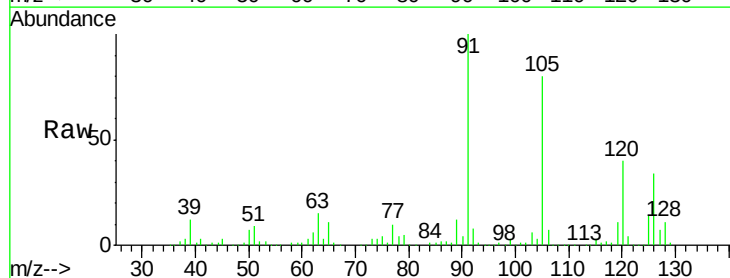
Acq: 24 Apr 2018 16:20

Tgt Ion: 91 Resp: 245312

Ion Ratio Lower Upper

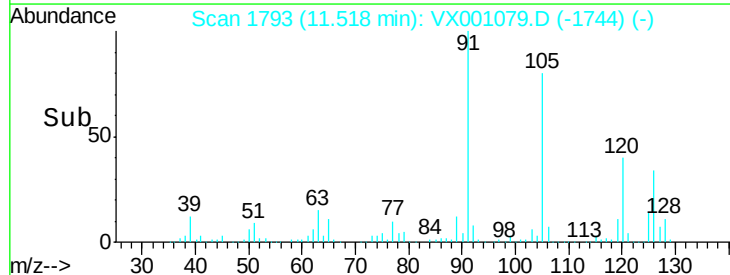
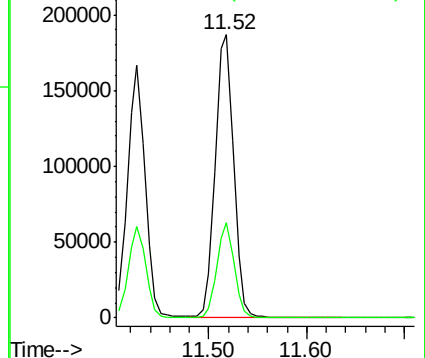
91 100

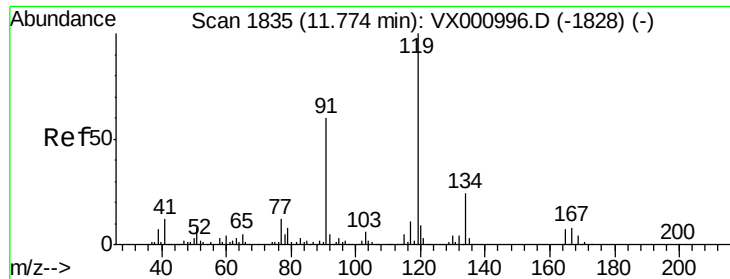
126 31.7 16.2 48.5



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

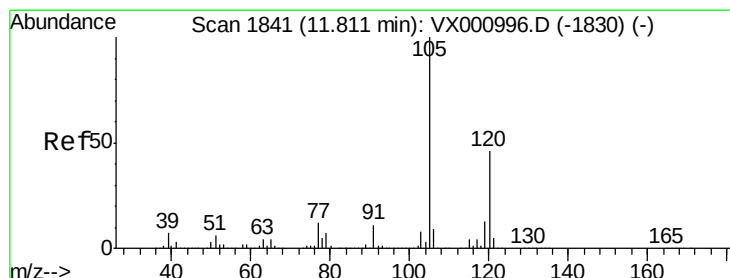
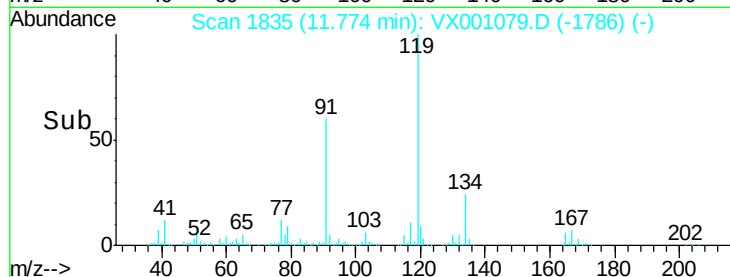
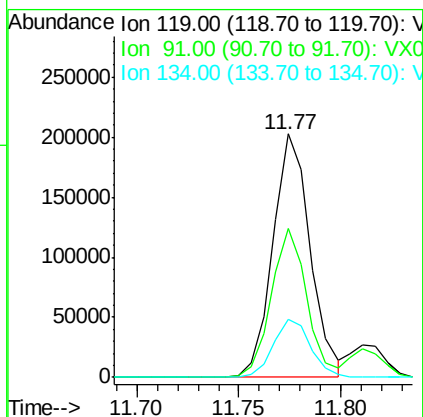
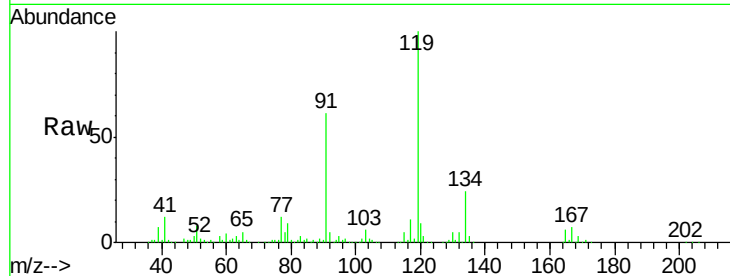




#83
 tert-Butylbenzene
 Concen: 19.92 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

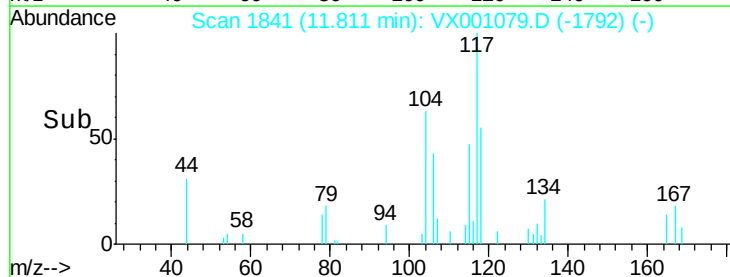
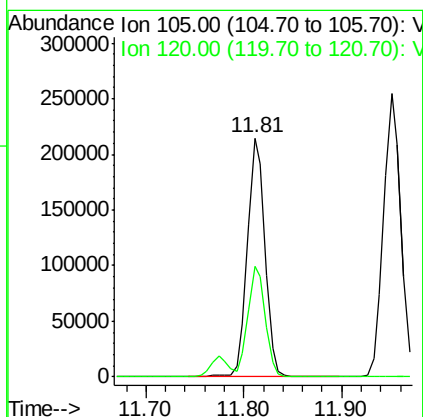
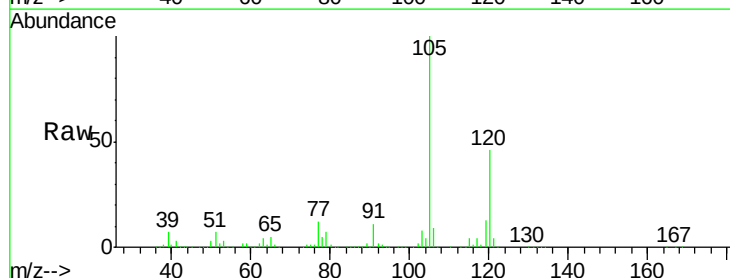
Instrument :
 MSVOA_X
 ClientSampled :
 VX0424WBS01

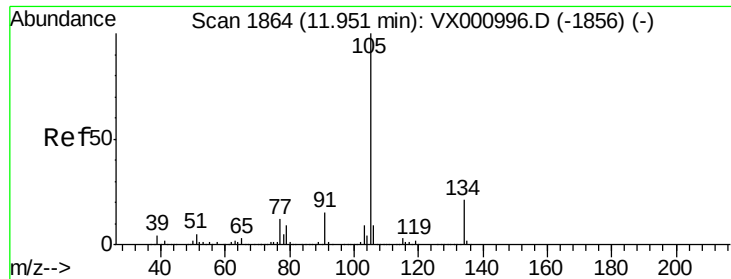
Tgt Ion:119 Resp: 258044
 Ion Ratio Lower Upper
 119 100
 91 58.4 27.0 81.0
 134 23.8 11.6 34.7



#84
 1,2,4-Trimethylbenzene
 Concen: 20.28 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

Tgt Ion:105 Resp: 267914
 Ion Ratio Lower Upper
 105 100
 120 45.3 23.0 69.0

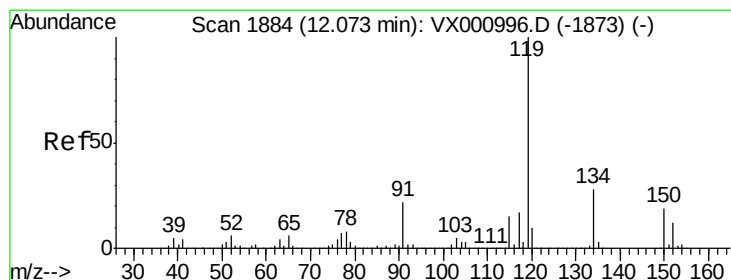
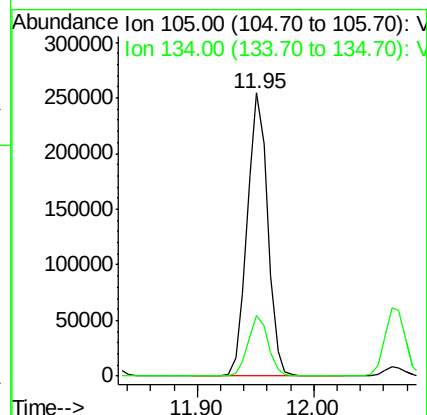
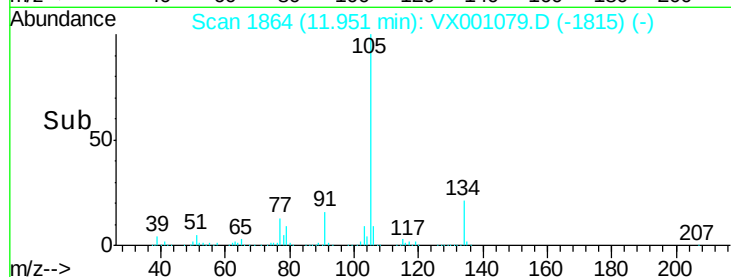
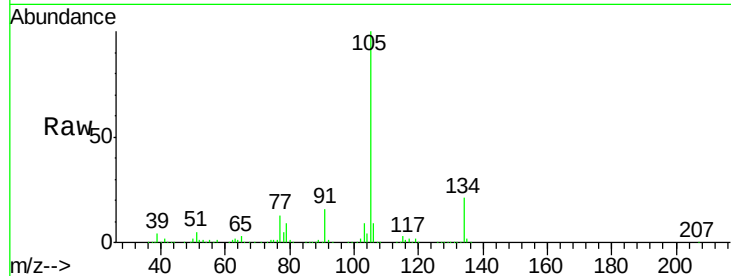




#85
 sec-Butylbenzene
 Concen: 20.25 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

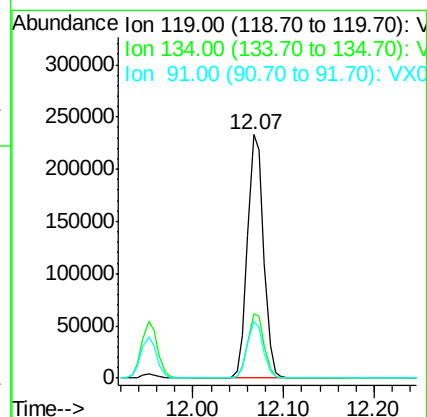
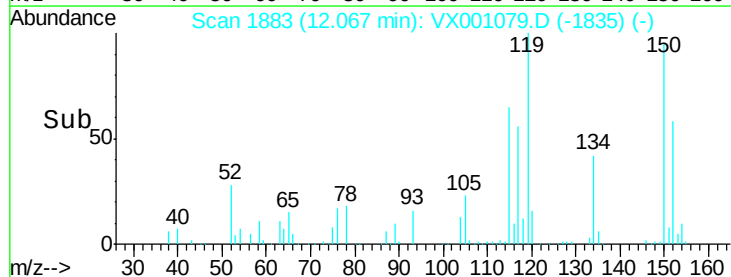
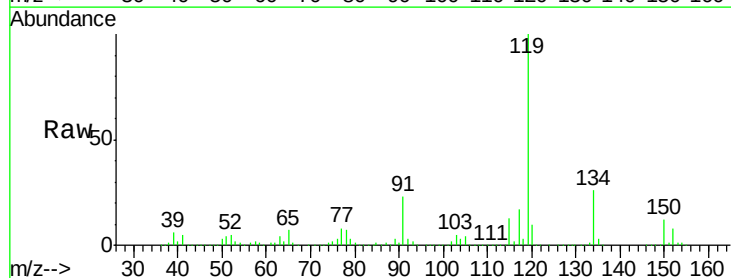
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

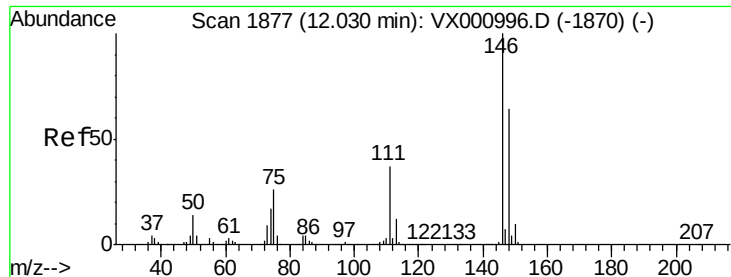
Tgt Ion:105 Resp: 313068
 Ion Ratio Lower Upper
 105 100
 134 21.3 10.5 31.6



#86
 p-Isopropyltoluene
 Concen: 20.16 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

Tgt Ion:119 Resp: 288354
 Ion Ratio Lower Upper
 119 100
 134 26.5 13.5 40.5
 91 23.1 11.4 34.1

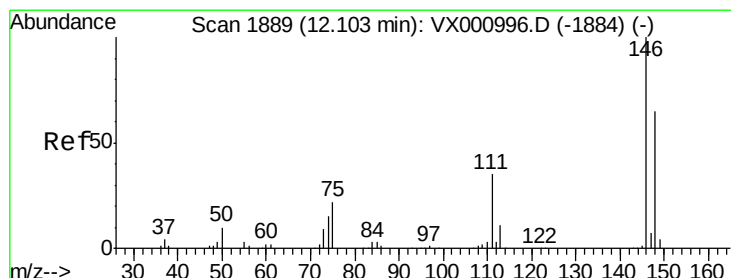
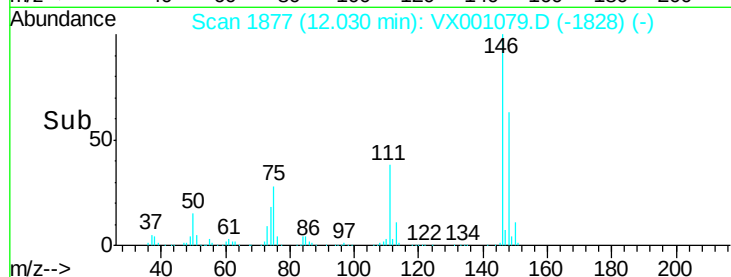
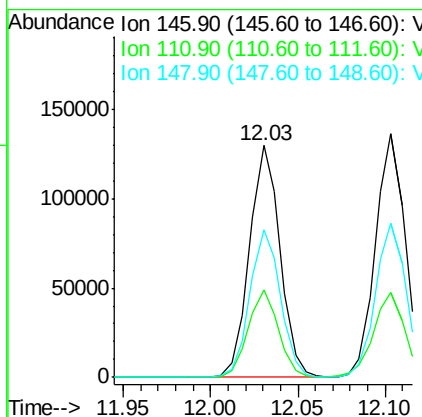
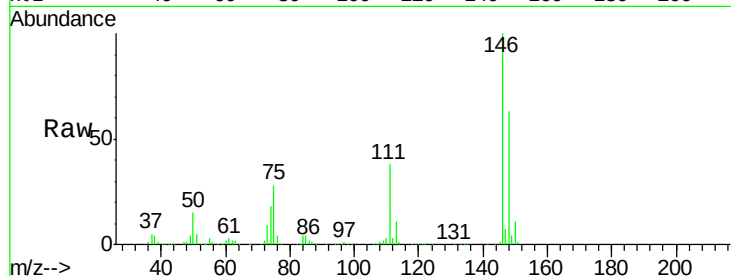




#87
 1,3-Dichlorobenzene
 Concen: 19.16 ug/l
 RT: 12.03 min Scan# 1877
 Delta R.T. 0.00 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

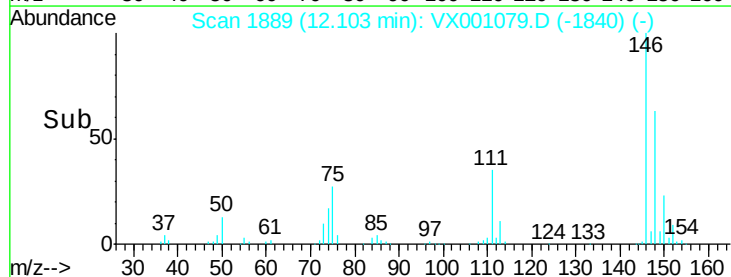
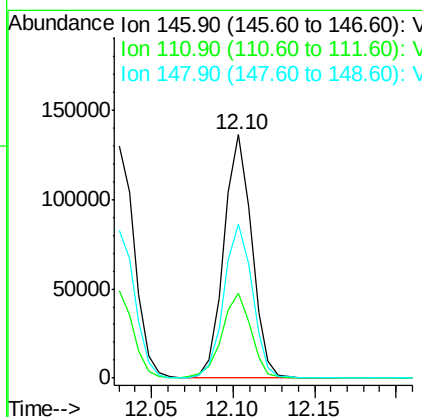
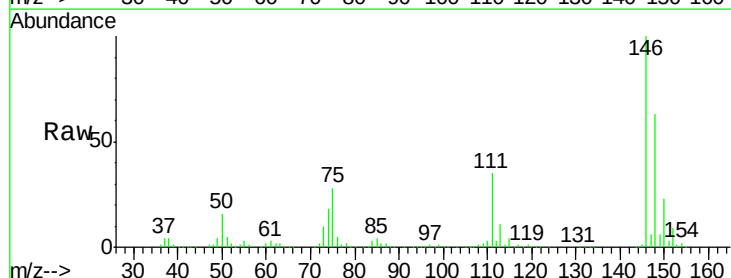
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

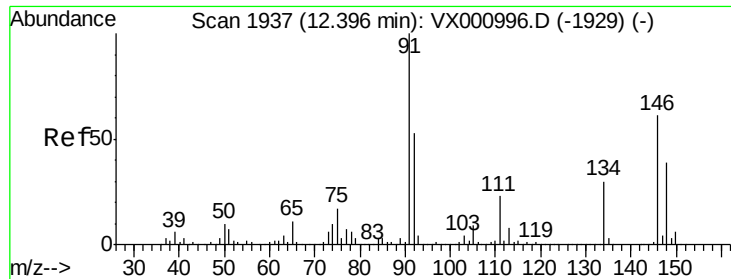
Tgt Ion:146 Resp: 157712
 Ion Ratio Lower Upper
 146 100
 111 37.5 18.3 54.8
 148 63.9 32.2 96.6



#88
 1,4-Dichlorobenzene
 Concen: 19.16 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.00 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

Tgt Ion:146 Resp: 161872
 Ion Ratio Lower Upper
 146 100
 111 36.8 18.0 54.0
 148 64.7 32.4 97.0

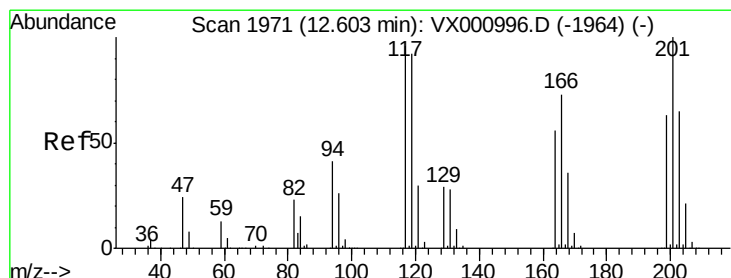
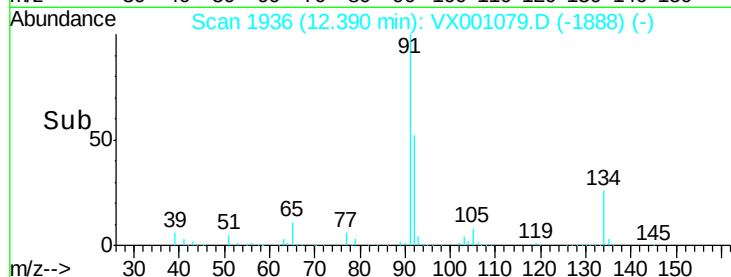
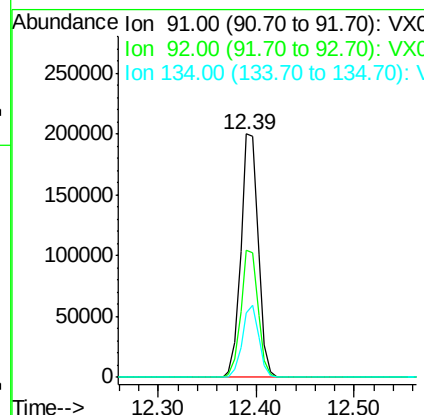
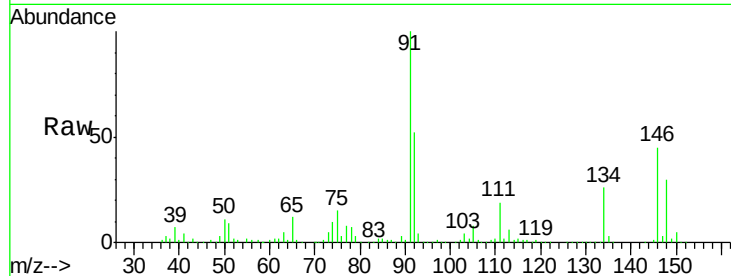




#89
n-Butylbenzene
Concen: 19.29 ug/l
RT: 12.39 min Scan# 1936
Delta R.T. -0.01 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

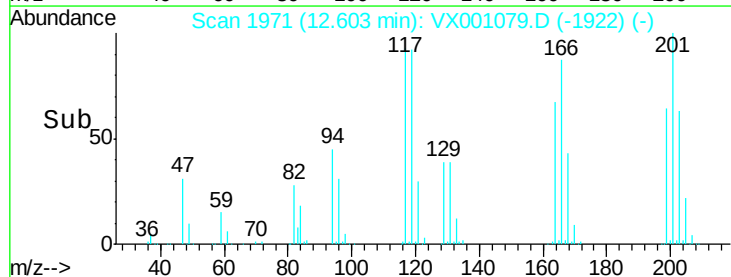
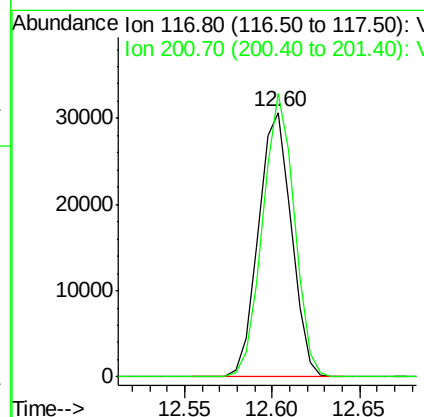
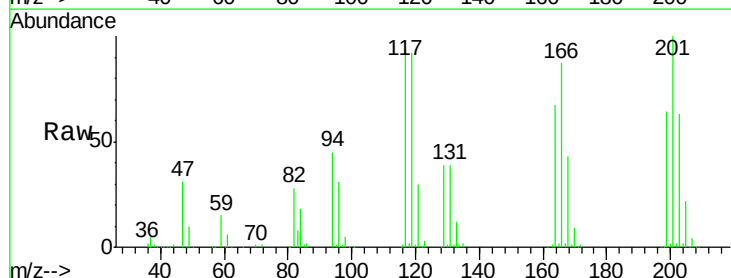
Instrument :
MSVOA_X
ClientSampled :
VX0424WBS01

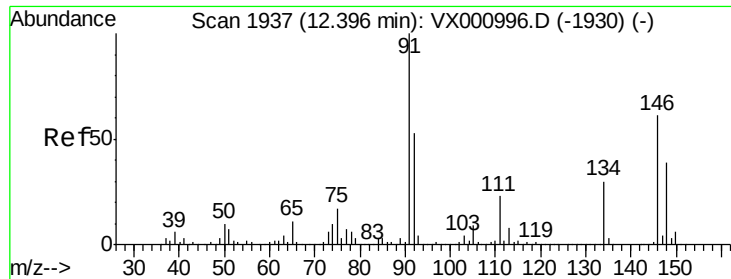
Tgt Ion: 91 Resp: 245480
Ion Ratio Lower Upper
91 100
92 51.6 26.3 78.9
134 27.9 14.4 43.0



#90
Hexachloroethane
Concen: 19.80 ug/l
RT: 12.60 min Scan# 1971
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion: 117 Resp: 40138
Ion Ratio Lower Upper
117 100
201 102.9 52.3 157.1

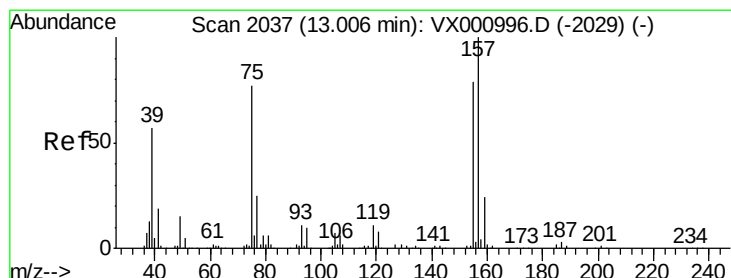
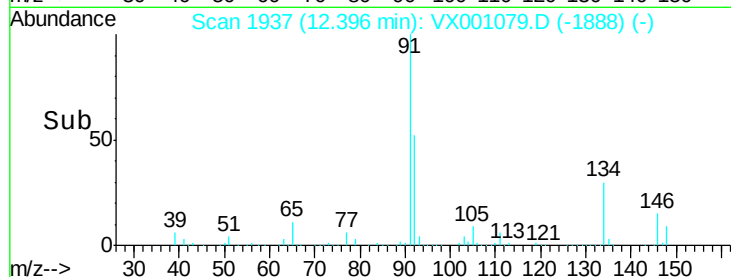
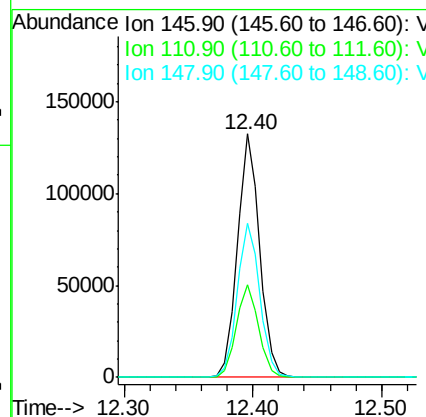
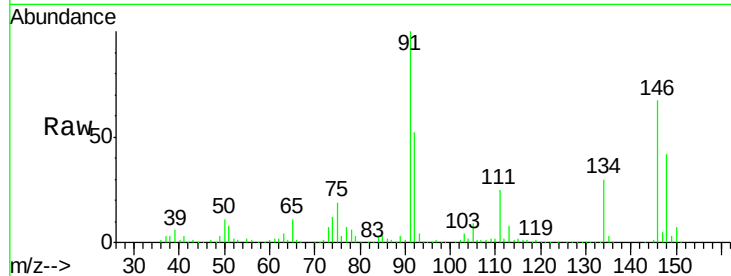




#91
 1,2-Dichlorobenzene
 Concen: 20.00 ug/l
 RT: 12.40 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

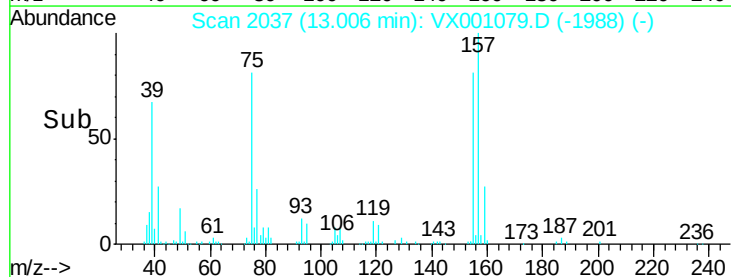
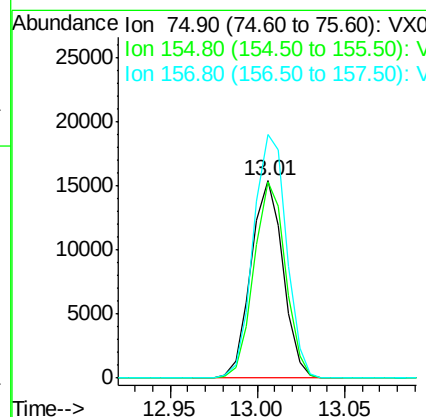
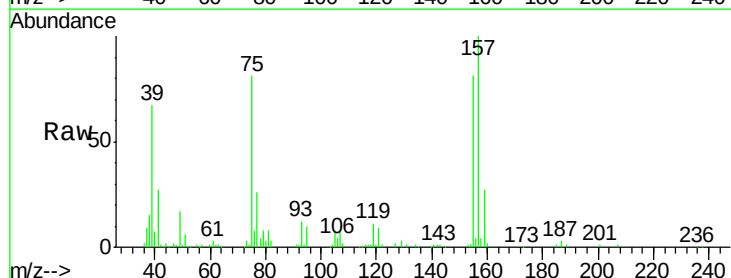
Instrument :
 MSVOA_X
 ClientSampleId :
 VX0424WBS01

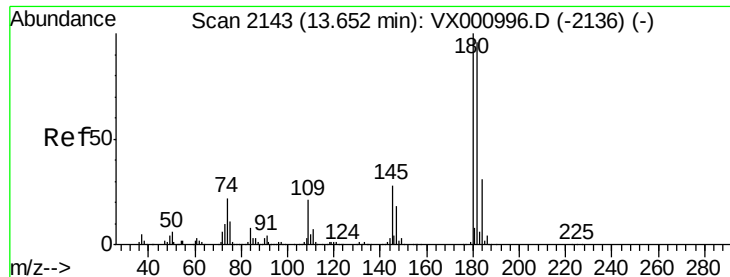
Tgt Ion: 146 Resp: 159363
 Ion Ratio Lower Upper
 146 100
 111 38.2 18.6 56.0
 148 64.3 32.3 96.8



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 21.85 ug/l
 RT: 13.01 min Scan# 2037
 Delta R.T. 0.00 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

Tgt Ion: 75 Resp: 19625
 Ion Ratio Lower Upper
 75 100
 155 98.1 51.0 153.0
 157 127.4 64.9 194.7

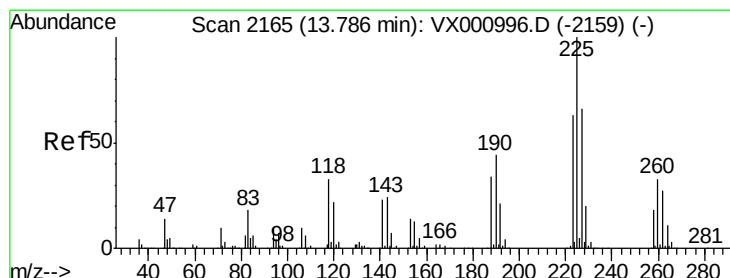
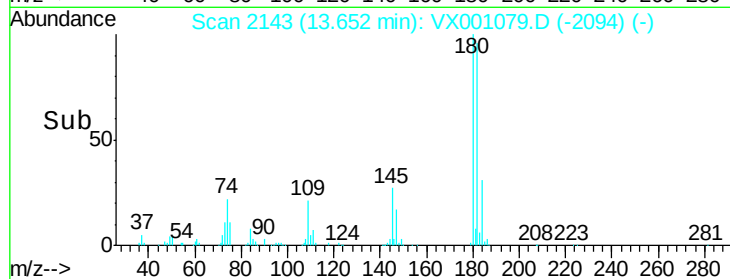
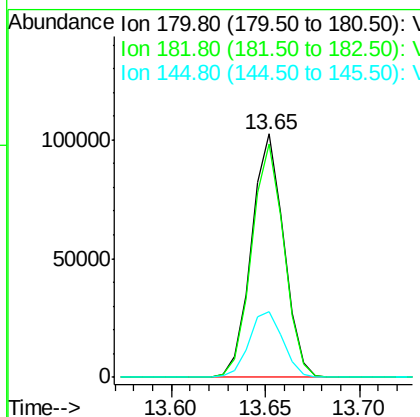
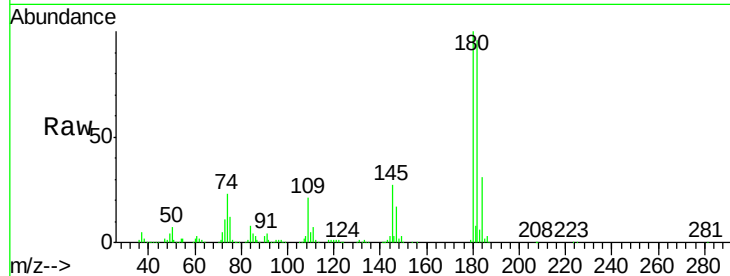




#93
 1,2,4-Trichlorobenzene
 Concen: 18.20 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.00 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

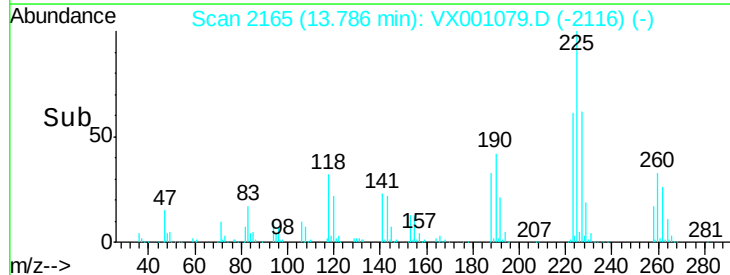
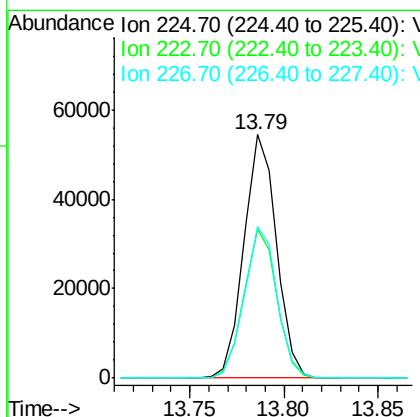
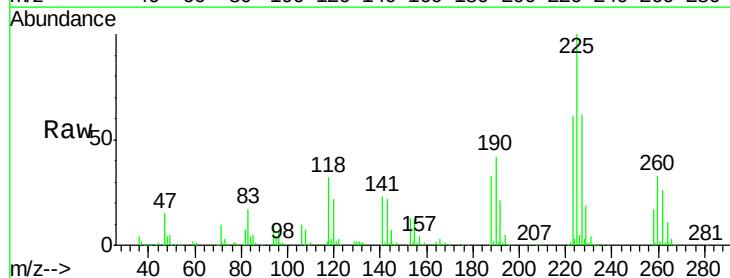
Instrument :
 MSVOA_X
 ClientSampled :
 VX0424WBS01

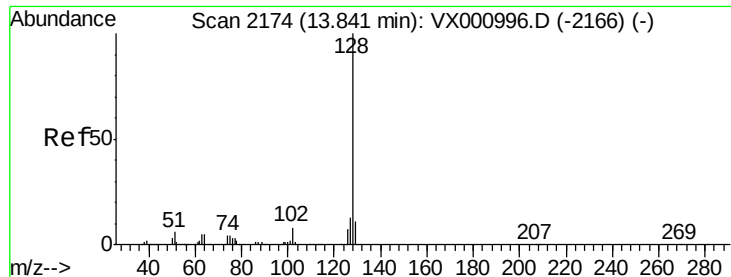
Tgt Ion:180 Resp: 121739
 Ion Ratio Lower Upper
 180 100
 182 95.9 48.0 144.0
 145 28.2 13.9 41.7



#94
 Hexachlorobutadiene
 Concen: 21.52 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX001079.D
 Acq: 24 Apr 2018 16:20

Tgt Ion:225 Resp: 65137
 Ion Ratio Lower Upper
 225 100
 223 61.7 31.5 94.5
 227 62.7 32.6 97.8

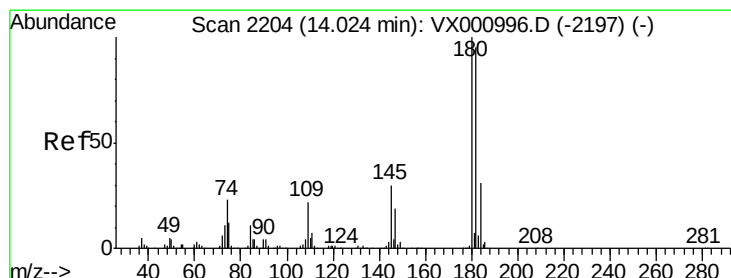
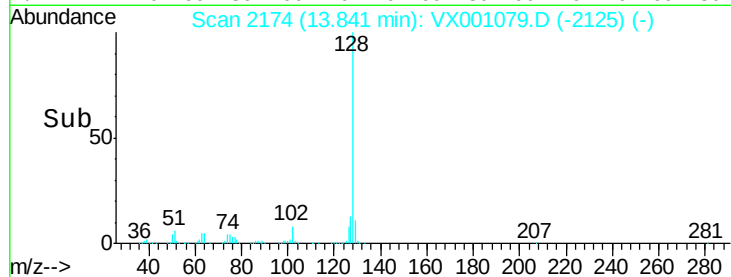
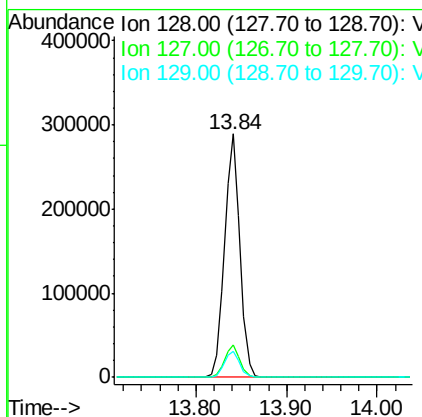
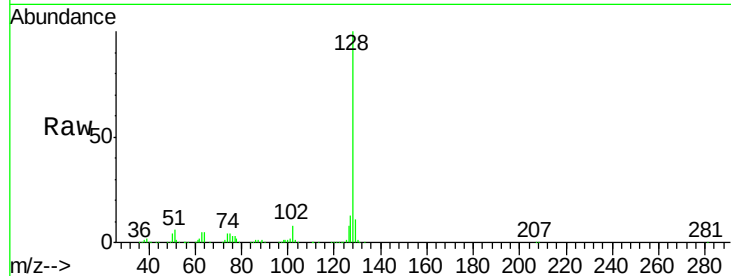




#95
Naphthalene
Concen: 20.84 ug/l
RT: 13.84 min Scan# 2174
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Instrument :
MSVOA_X
ClientSampleId :
VX0424WBS01

Tgt Ion:128 Resp: 342869
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 10.9 8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 19.26 ug/l
RT: 14.02 min Scan# 2204
Delta R.T. 0.00 min
Lab File: VX001079.D
Acq: 24 Apr 2018 16:20

Tgt Ion:180 Resp: 124631
Ion Ratio Lower Upper
180 100
182 96.5 47.9 143.7
145 28.9 14.5 43.6

