

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
 Data File : VX001517.D
 Acq On : 08 May 2018 16:40
 Operator : JC/MD
 Sample : J2787-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 V23608-VB102

Quant Time: May 09 06:45:38 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	242363	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	326102	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	293982	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	168900	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	161172	46.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.54%	
35) Dibromofluoromethane	5.51	113	127929	44.10	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.20%	
50) Toluene-d8	8.72	98	452934	42.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.56%	
62) 4-Bromofluorobenzene	11.14	95	156208	38.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	76.86%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	3132	0.99	ug/l	# 61
5) Bromomethane	1.66	94	966	Below	Cal	88
6) Chloroethane	1.90	64	781	0.36	ug/l	# 43
10) Methyl Iodide	2.51	142	1018	0.24	ug/l	92
11) Tert butyl alcohol	3.08	59	8789	11.97	ug/l	96
13) Acrolein	2.30	56	524	Below	Cal	# 82
14) Allyl chloride	2.72	41	2536	0.51	ug/l	# 26
16) Acetone	2.45	43	78308	49.51	ug/l	99
17) Carbon Disulfide	2.57	76	6790	0.99	ug/l	100
18) Methyl Acetate	2.62	43	45928	11.05	ug/l	# 52
20) Methylene Chloride	2.86	84	2164	0.69	ug/l	85
25) 2-Butanone	4.72	43	54621	23.89	ug/l	96
29) Tetrahydrofuran	5.18	42	214069	146.33	ug/l	99
36) 1,1-Dichloropropene	5.67	75	15183	3.66	ug/l	# 50
37) Ethyl Acetate	4.72	43	54621	12.01	ug/l	# 70
38) Carbon Tetrachloride	5.67	117	21000	4.75	ug/l	# 15
41) Methacrylonitrile	5.18	41	135967	52.26	ug/l	# 48
48) Methyl methacrylate	7.77	41	1239	0.33	ug/l	# 38
51) 4-Methyl-2-Pentanone	8.66	43	11438	2.47	ug/l	98
52) Toluene	8.79	92	161076	20.33	ug/l	98
54) cis-1,3-Dichloropropene	8.79	75	2050	2.69	ug/l	# 1
59) 2-Hexanone	9.51	43	1134	0.32	ug/l	89
67) Ethyl Benzene	10.26	91	3818	0.27	ug/l	97
68) m/p-Xylenes	10.36	106	2908	0.52	ug/l	96
69) o-Xylene	10.70	106	22602	4.16	ug/l	96
70) Styrene	10.70	104	2019	0.23	ug/l	# 1
73) Isopropylbenzene	11.02	105	15580	1.33	ug/l	98
76) 1,2,3-Trichloropropane	11.14	75	77993	22.77	ug/l	# 39
78) n-propylbenzene	11.37	91	7368	0.58	ug/l	98
79) 2-Chlorotoluene	11.43	91	2325	0.30	ug/l	# 68
80) 1,3,5-Trimethylbenzene	11.51	105	3634	0.37	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.14	75	77993	70.66	ug/l	# 7
82) 4-Chlorotoluene	11.43	91	2325	0.26	ug/l	73
83) tert-Butylbenzene	12.03	119	3019	0.31	ug/l	96

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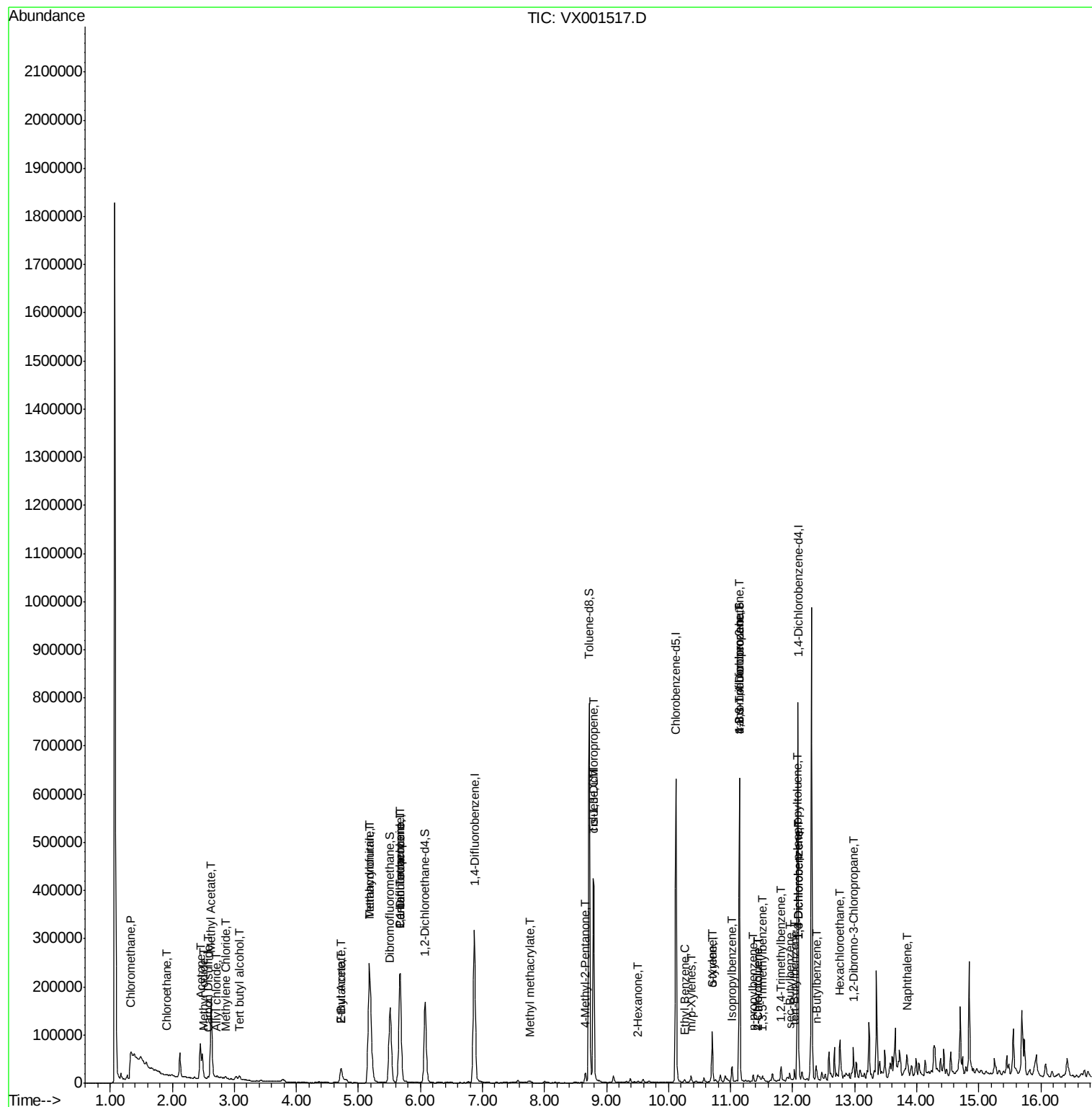
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
84) 1,2,4-Trimethylbenzene	11.81	105	11273	1.13	ug/l	98
85) sec-Butylbenzene	11.95	105	3518	0.30	ug/l	79
86) p-Isopropyltoluene	12.07	119	6728	0.63	ug/l #	80
87) 1,3-Dichlorobenzene	12.10	146	7709	1.27	ug/l #	74
88) 1,4-Dichlorobenzene	12.10	146	7709	1.24	ug/l #	73
89) n-Butylbenzene	12.39	91	4807	0.54	ug/l #	43
90) Hexachloroethane	12.76	117	32085	19.98	ug/l #	1
92) 1,2-Dibromo-3-Chloropropan	12.98	75	237	0.31	ug/l #	1
95) Naphthalene	13.84	128	26655	2.13	ug/l #	92

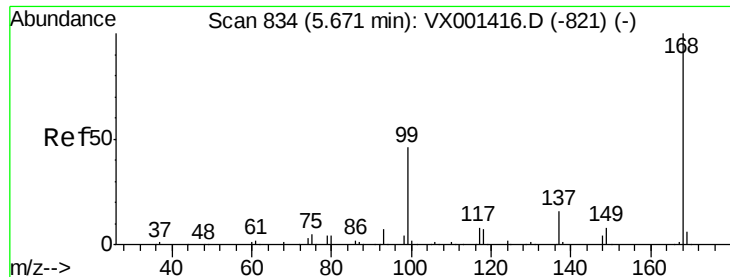
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.00 min

Lab File: VX001517.D

Acq: 08 May 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

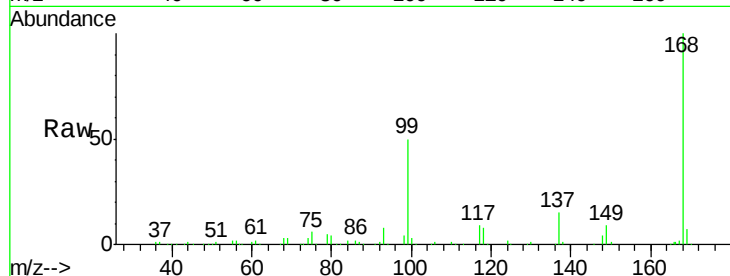
V23608-VB102

Tgt Ion:168 Resp: 242363

Ion Ratio Lower Upper

168 100

99 50.0 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

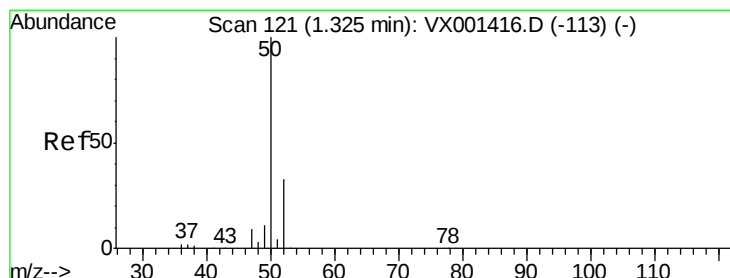
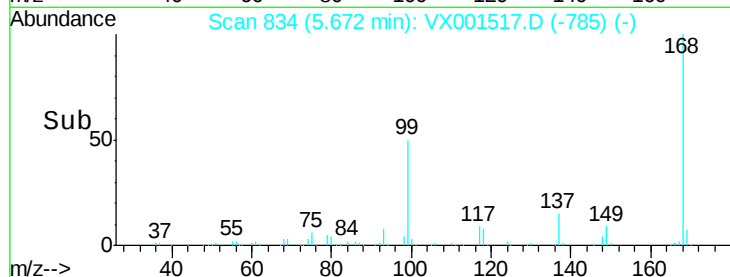
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: 0.99 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX001517.D

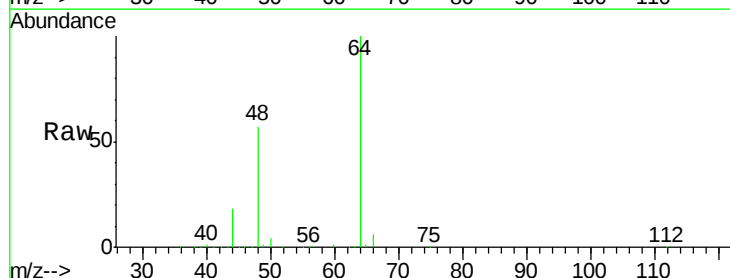
Acq: 08 May 2018 16:40

Tgt Ion: 50 Resp: 3132

Ion Ratio Lower Upper

50 100

52 10.9 26.2 39.4#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

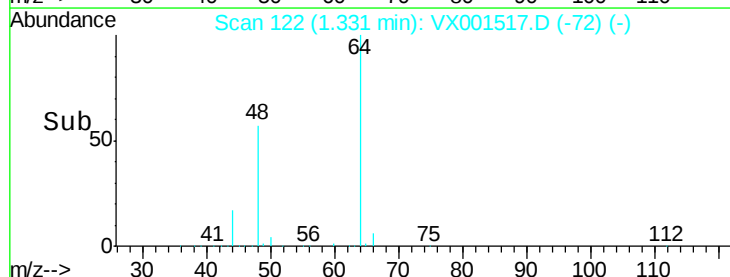
1500

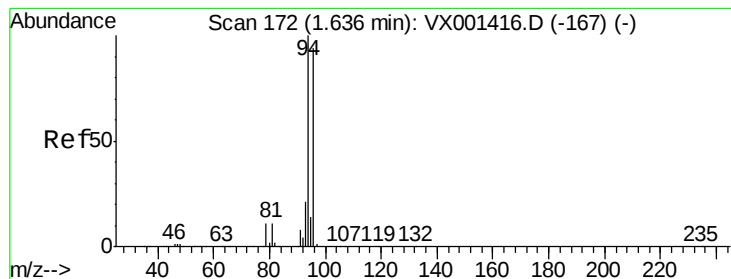
1000

500

0

Time--> 1.30 1.35





#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX001517.D

Acq: 08 May 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

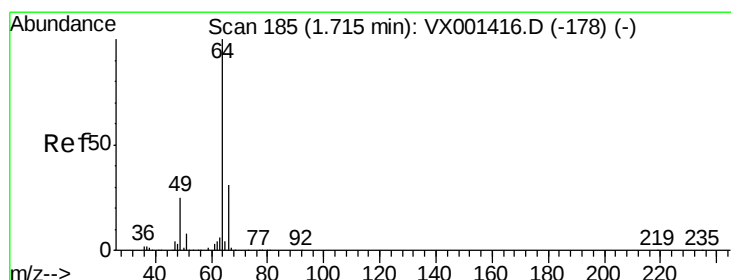
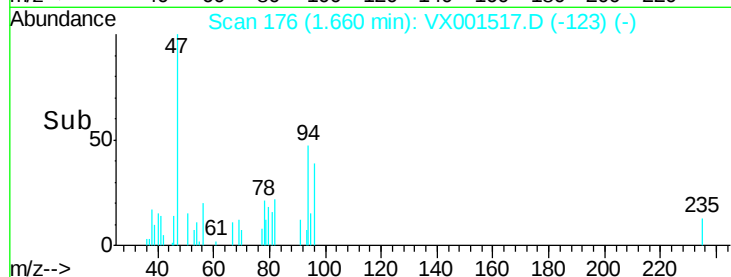
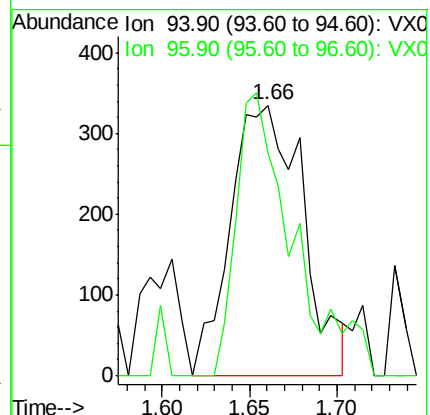
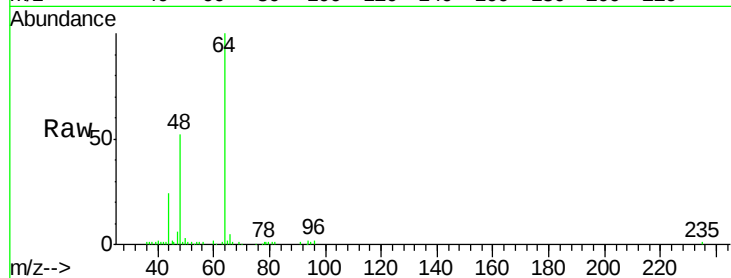
V23608-VB102

Tgt Ion: 94 Resp: 966

Ion Ratio Lower Upper

94 100

96 82.4 75.0 112.6



#6

Chloroethane

Concen: 0.36 ug/l

RT: 1.90 min Scan# 216

Delta R.T. 0.19 min

Lab File: VX001517.D

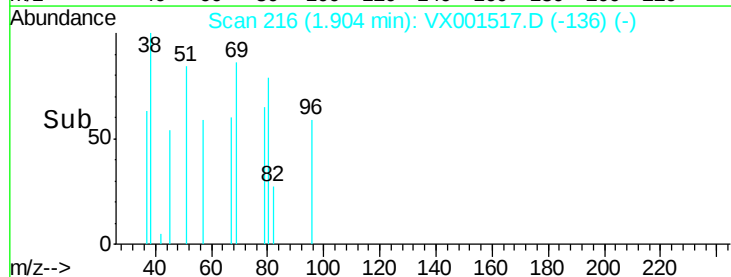
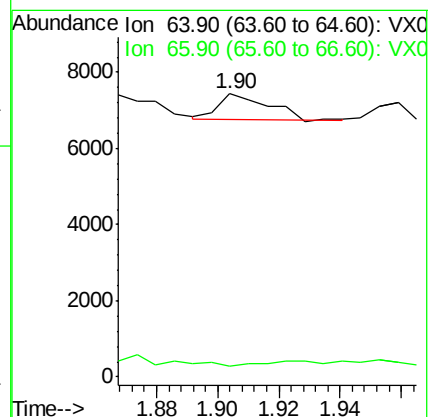
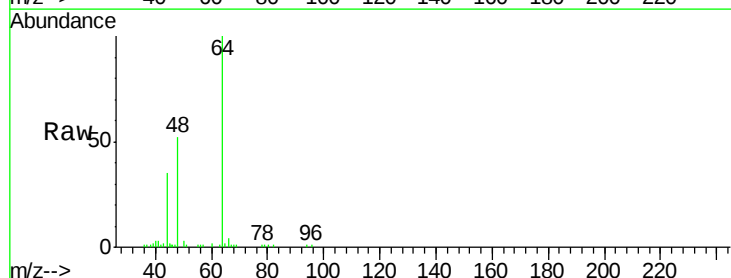
Acq: 08 May 2018 16:40

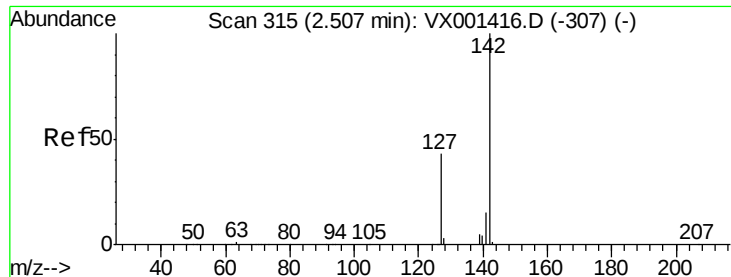
Tgt Ion: 64 Resp: 781

Ion Ratio Lower Upper

64 100

66 0.0 25.1 37.7#

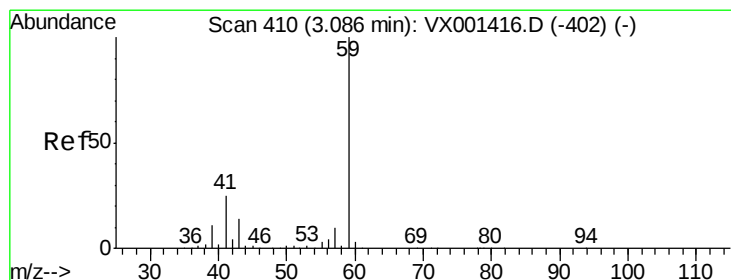
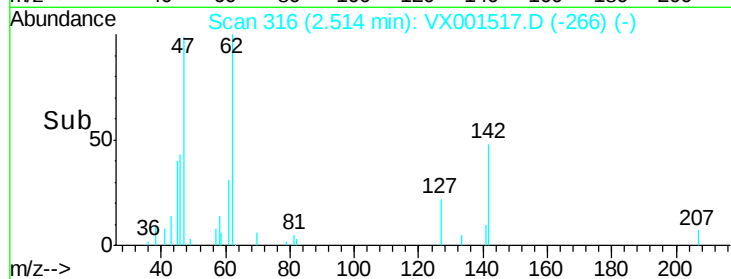
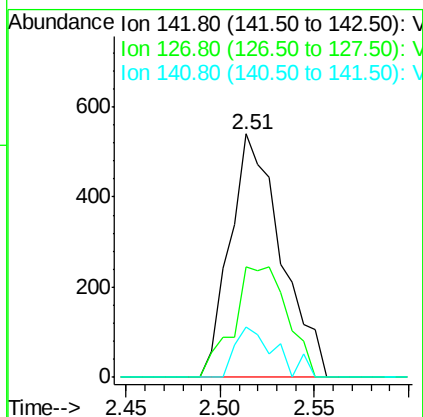
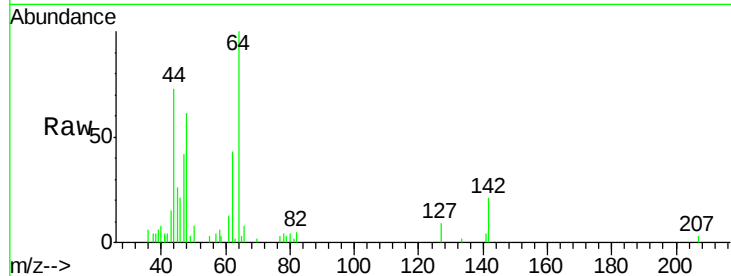




#10
Methyl Iodide
Concen: 0.24 ug/l
RT: 2.51 min Scan# 316
Delta R.T. 0.01 min
Lab File: VX001517.D
Acq: 08 May 2018 16:40

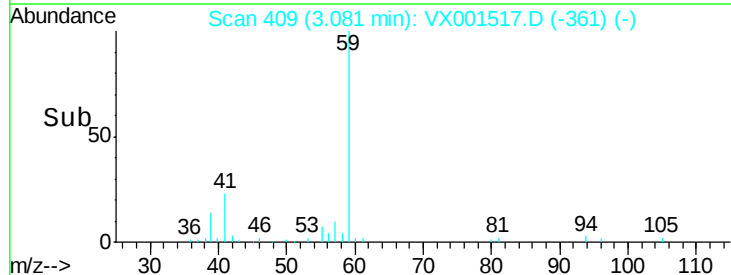
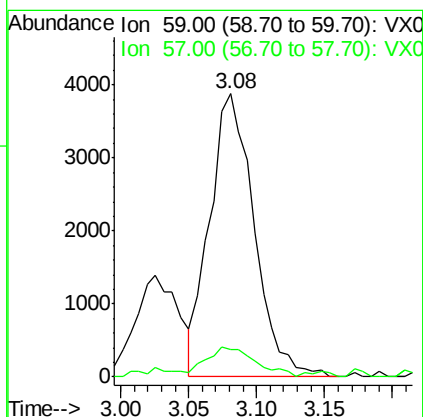
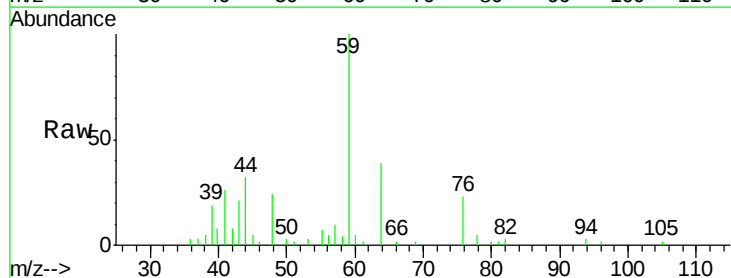
Instrument :
MSVOA_X
ClientSampleId :
V23608-VB102

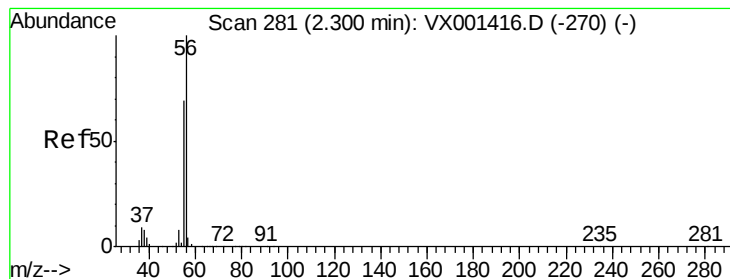
Tgt Ion:142 Resp: 1018
Ion Ratio Lower Upper
142 100
127 47.8 33.6 50.4
141 16.3 11.4 17.2



#11
Tert butyl alcohol
Concen: 11.97 ug/l
RT: 3.08 min Scan# 409
Delta R.T. -0.01 min
Lab File: VX001517.D
Acq: 08 May 2018 16:40

Tgt Ion: 59 Resp: 8789
Ion Ratio Lower Upper
59 100
57 11.9 8.2 12.4





#13

Acrolein

Concen: Below Cal

RT: 2.30 min Scan# 281

Delta R.T. 0.00 min

Lab File: VX001517.D

Acq: 08 May 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

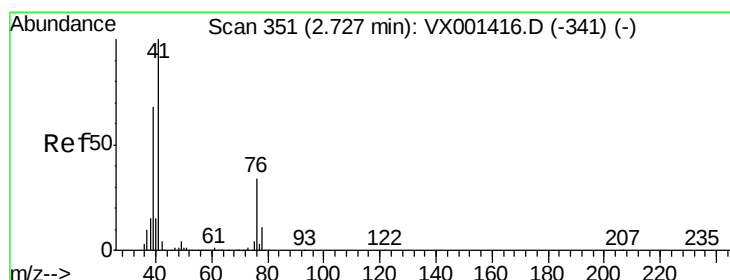
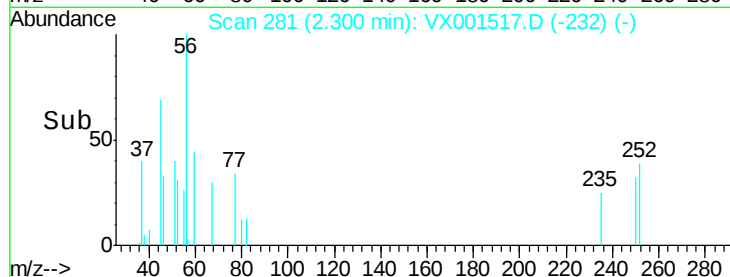
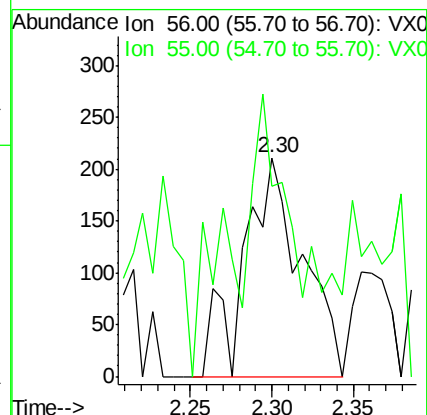
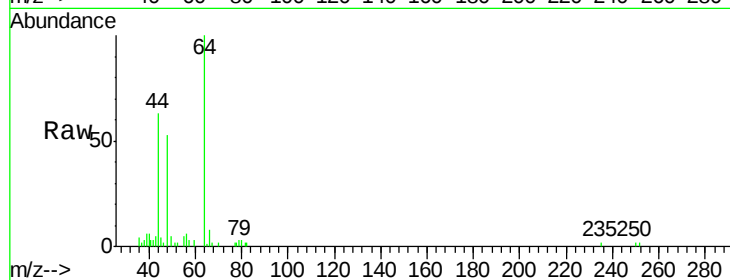
V23608-VB102

Tgt Ion: 56 Resp: 524

Ion Ratio Lower Upper

56 100

55 53.6 54.5 81.7#



#14

Allyl chloride

Concen: 0.51 ug/l

RT: 2.72 min Scan# 350

Delta R.T. -0.01 min

Lab File: VX001517.D

Acq: 08 May 2018 16:40

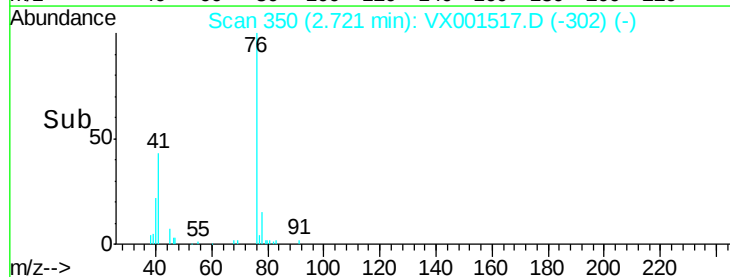
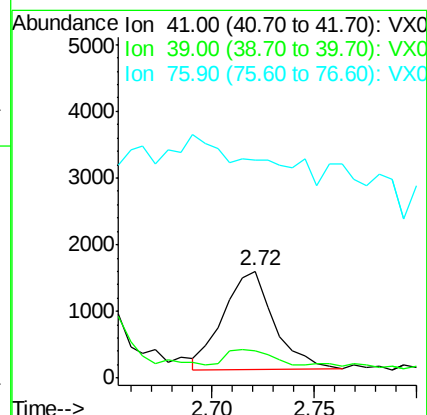
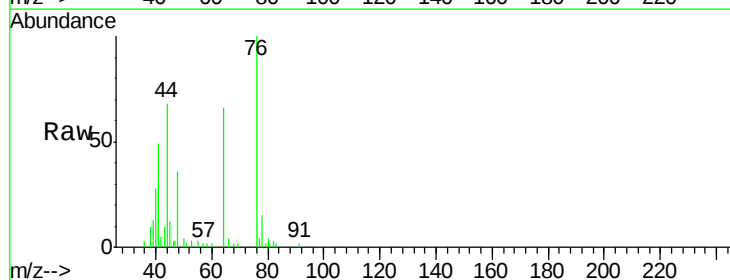
Tgt Ion: 41 Resp: 2536

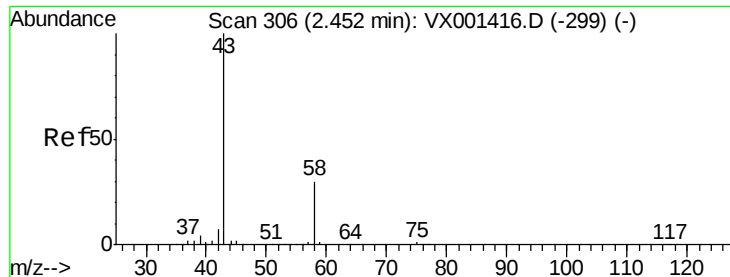
Ion Ratio Lower Upper

41 100

39 0.0 52.4 78.6#

76 0.0 25.8 38.6#





#16

Acetone

Concen: 49.51 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001517.D

Acq: 08 May 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

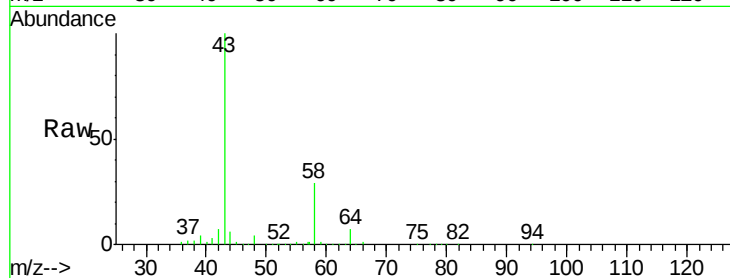
V23608-VB102

Tgt Ion: 43 Resp: 78308

Ion Ratio Lower Upper

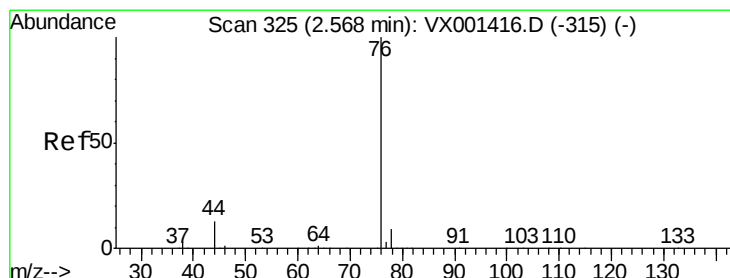
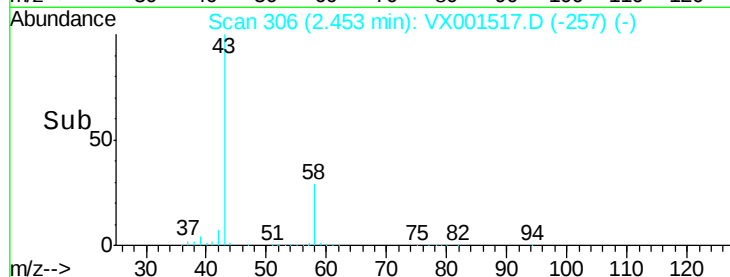
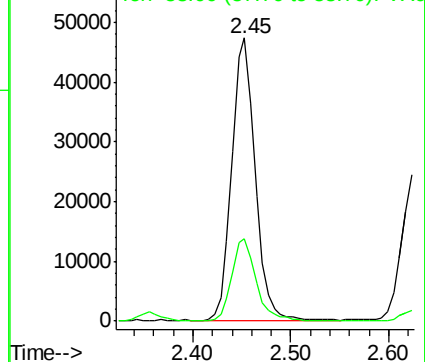
43 100

58 29.0 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.99 ug/l

RT: 2.57 min Scan# 326

Delta R.T. 0.01 min

Lab File: VX001517.D

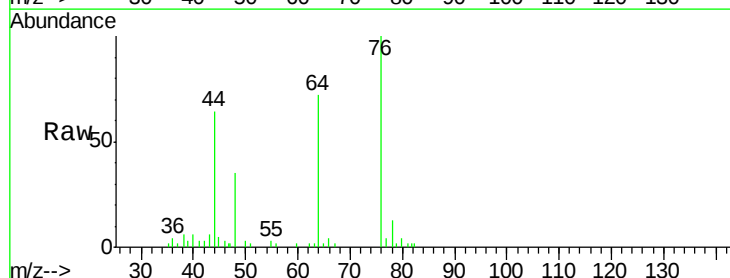
Acq: 08 May 2018 16:40

Tgt Ion: 76 Resp: 6790

Ion Ratio Lower Upper

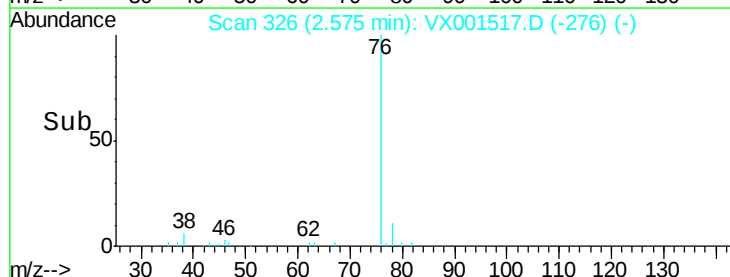
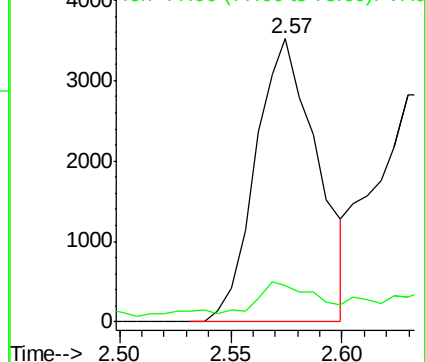
76 100

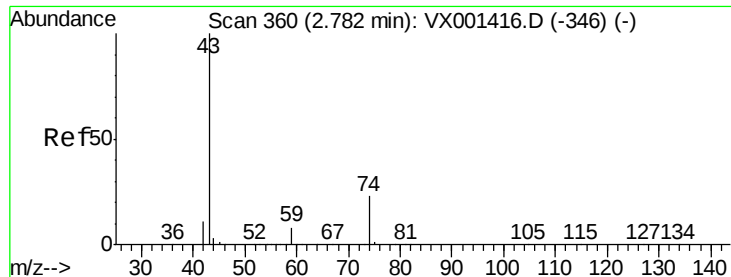
78 9.4 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

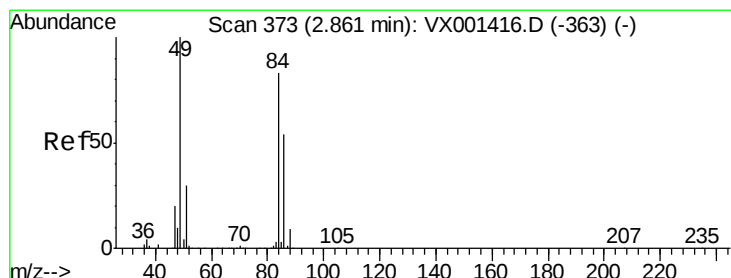
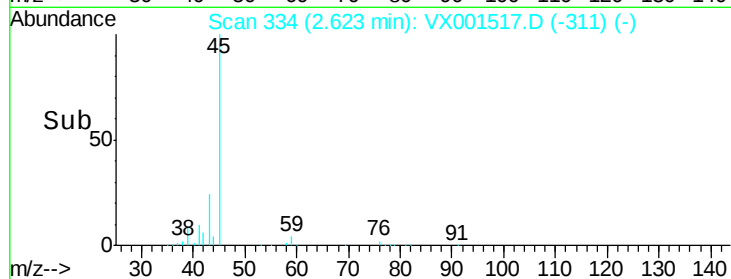
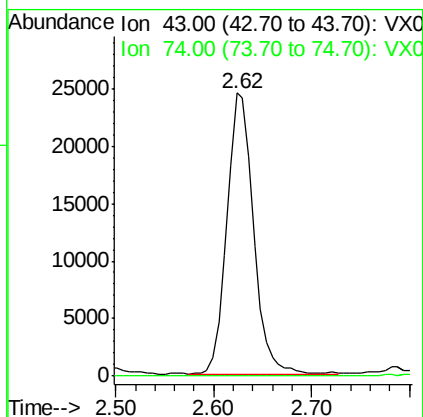
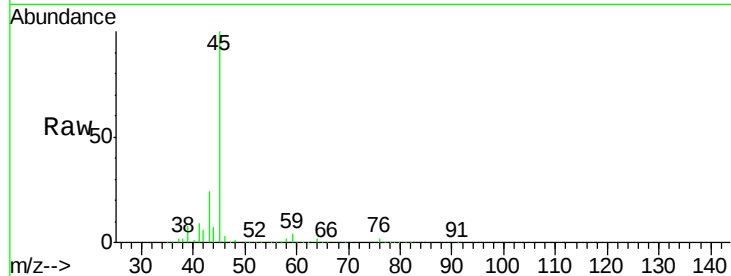




#18
Methyl Acetate
Concen: 11.05 ug/l
RT: 2.62 min Scan# 334
Delta R.T. -0.16 min
Lab File: VX001517.D
Acq: 08 May 2018 16:40

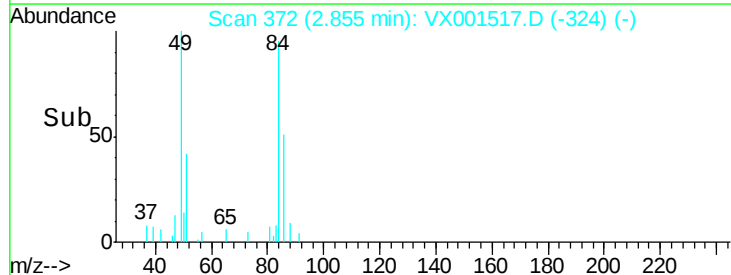
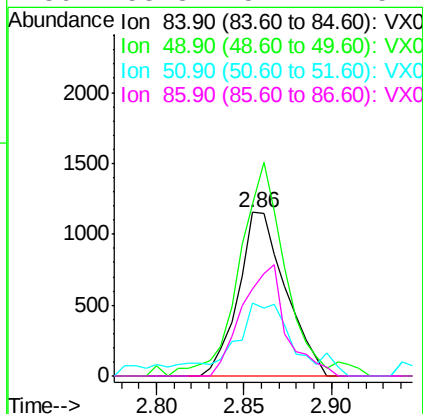
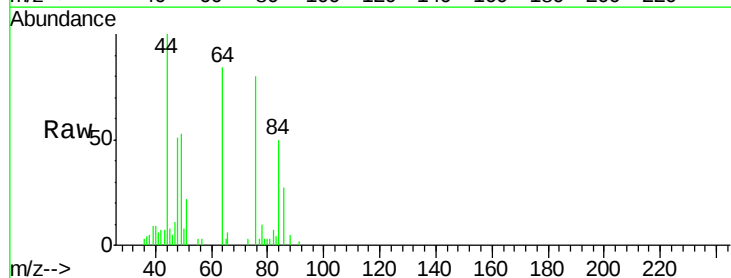
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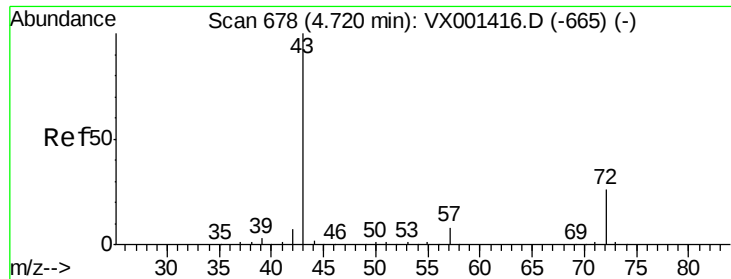
Tgt Ion: 43 Resp: 45928
Ion Ratio Lower Upper
43 100
74 0.0 18.6 27.8#



#20
Methylene Chloride
Concen: 0.69 ug/l
RT: 2.86 min Scan# 372
Delta R.T. -0.01 min
Lab File: VX001517.D
Acq: 08 May 2018 16:40

Tgt Ion: 84 Resp: 2164
Ion Ratio Lower Upper
84 100
49 100.5 96.6 144.8
51 38.8 29.0 43.4
86 53.3 52.2 78.4





#25

2-Butanone

Concen: 23.89 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001517.D

Acq: 08 May 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

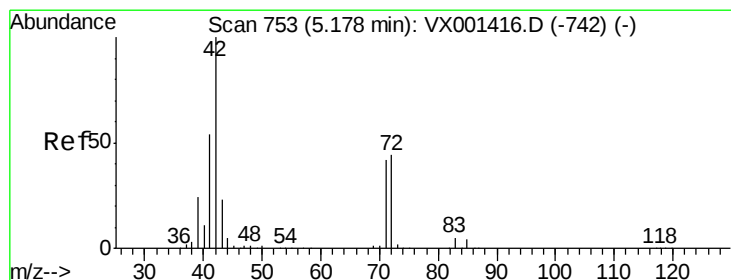
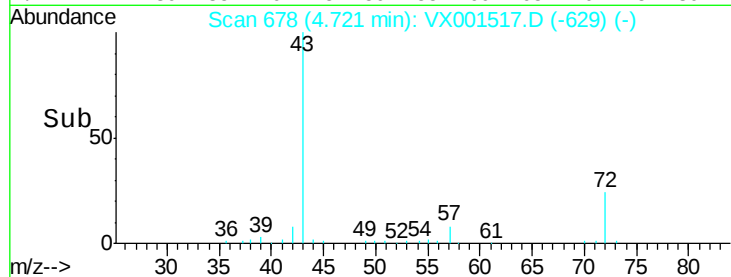
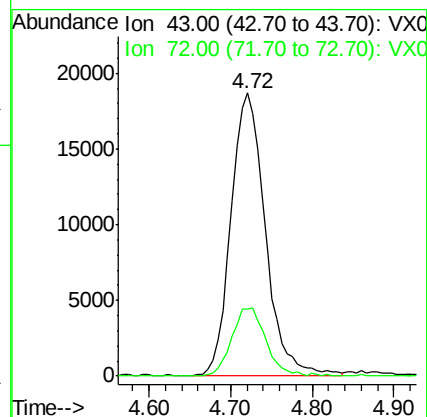
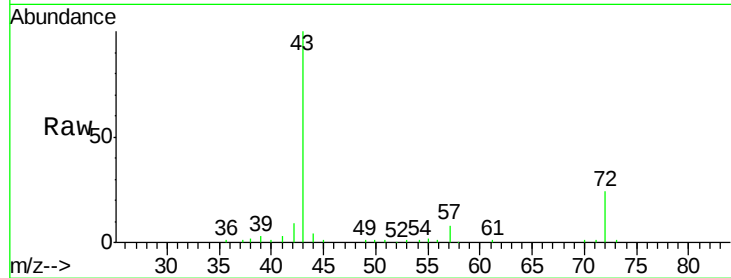
V23608-VB102

Tgt Ion: 43 Resp: 54621

Ion Ratio Lower Upper

43 100

72 23.8 20.7 31.1



#29

Tetrahydrofuran

Concen: 146.33 ug/l

RT: 5.18 min Scan# 753

Delta R.T. 0.00 min

Lab File: VX001517.D

Acq: 08 May 2018 16:40

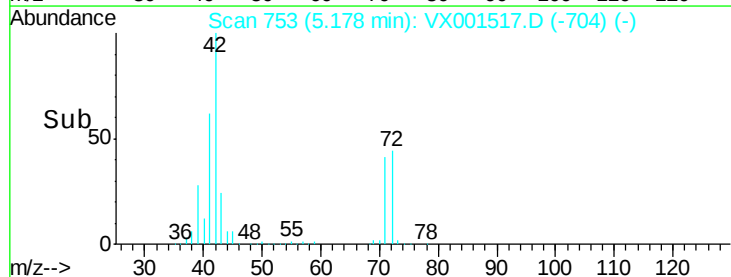
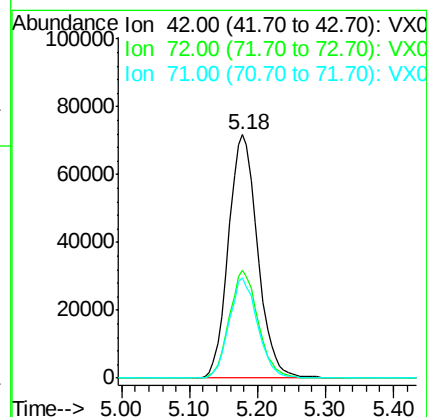
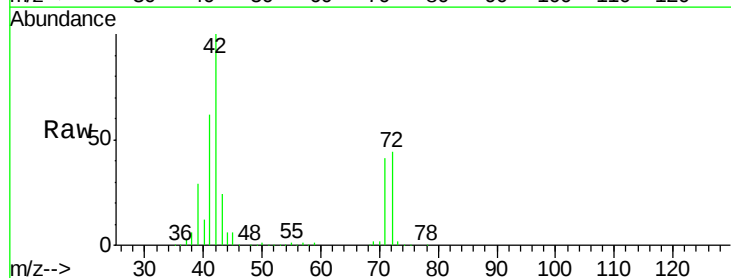
Tgt Ion: 42 Resp: 214069

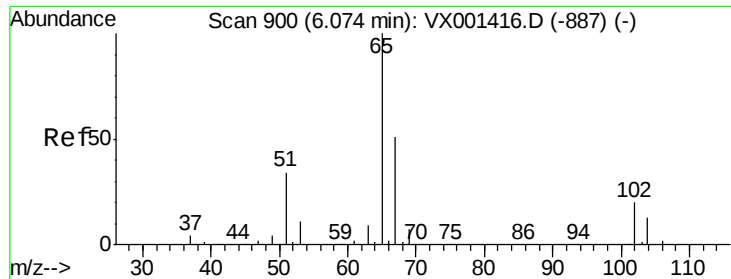
Ion Ratio Lower Upper

42 100

72 43.7 35.4 53.2

71 40.0 33.0 49.4

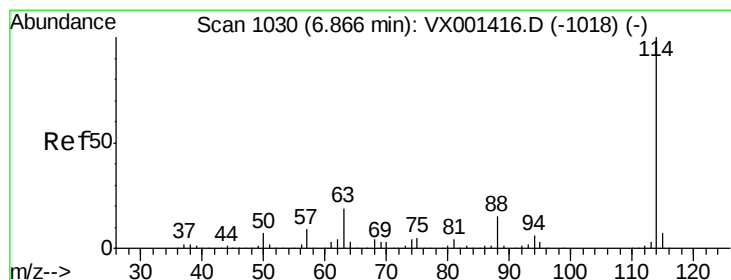
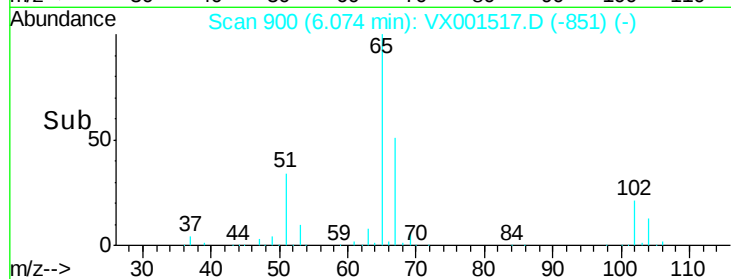
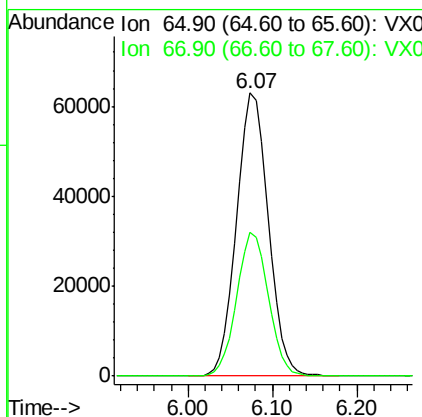
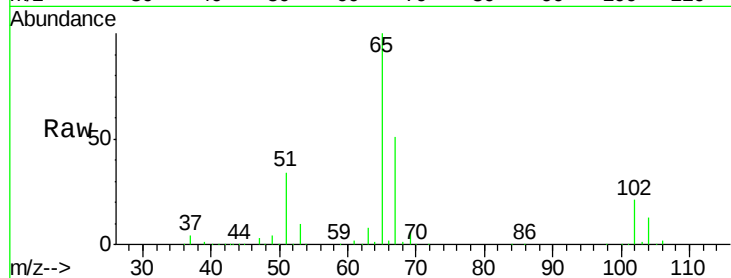




#33
 1,2-Dichloroethane-d4
 Concen: 46.27 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001517.D
 Acq: 08 May 2018 16:40

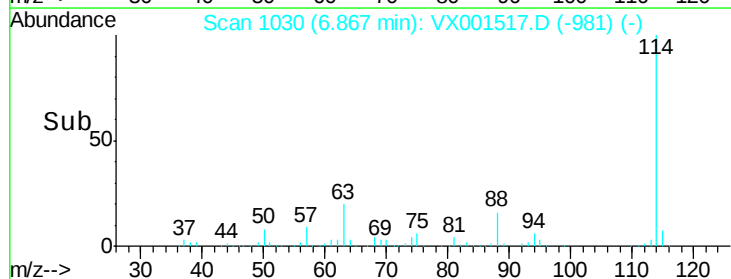
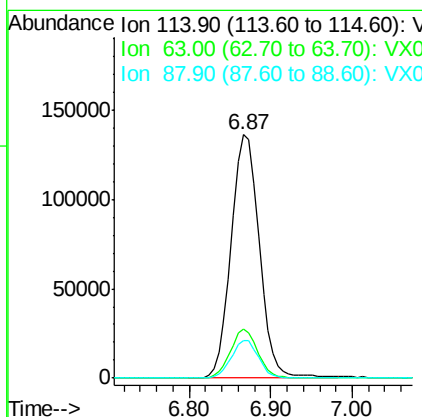
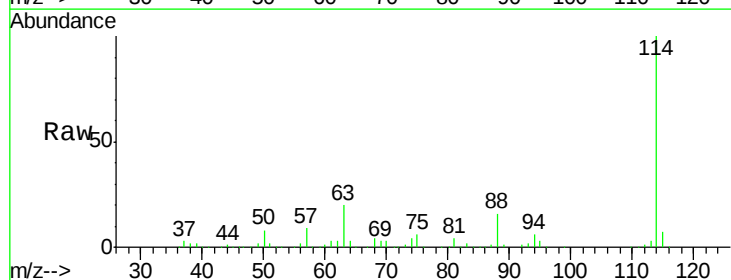
Instrument :
 MSVOA_X
 ClientSampleId :
 V23608-VB102

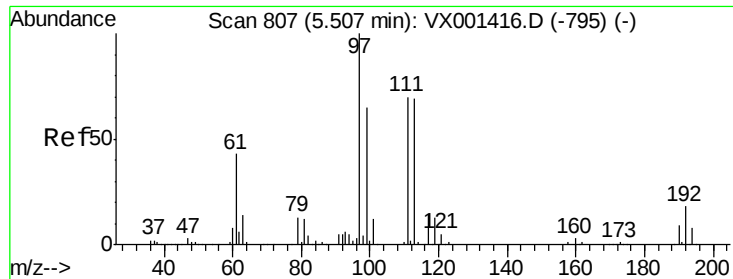
Tgt Ion: 65 Resp: 161172
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001517.D
 Acq: 08 May 2018 16:40

Tgt Ion: 114 Resp: 326102
 Ion Ratio Lower Upper
 114 100
 63 19.9 0.0 38.6
 88 15.6 0.0 30.8

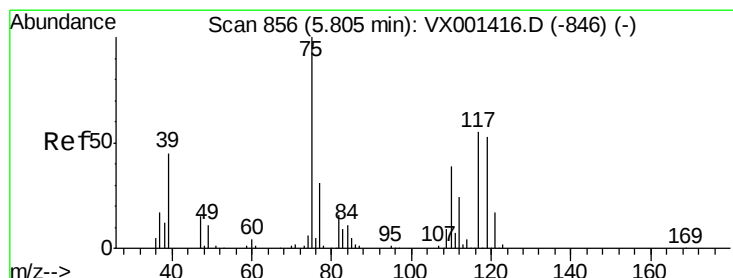
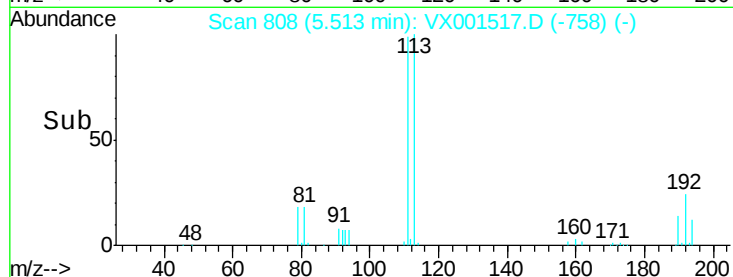
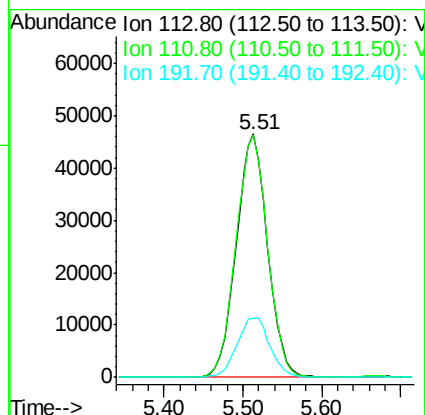
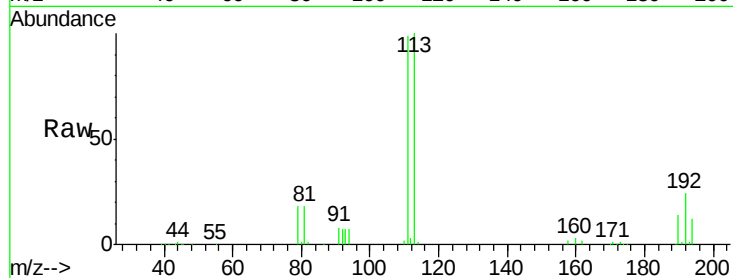




#35
 Dibromofluoromethane
 Concen: 44.10 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001517.D
 Acq: 08 May 2018 16:40

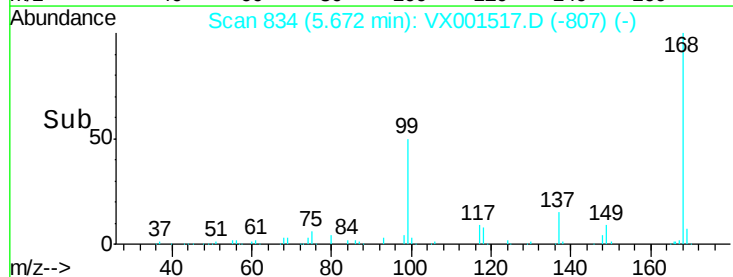
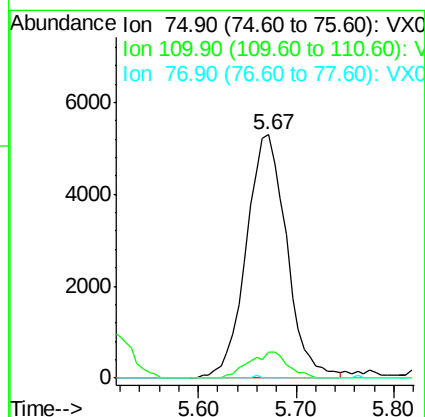
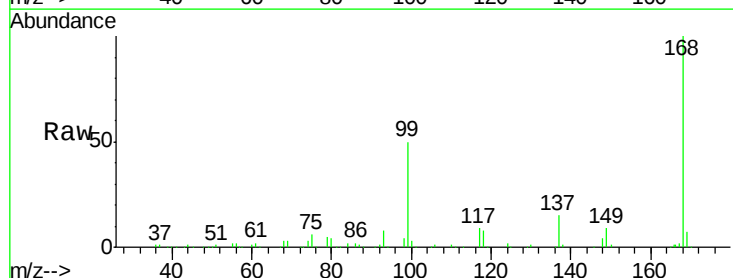
Instrument :
 MSVOA_X
 ClientSampleId :
 V23608-VB102

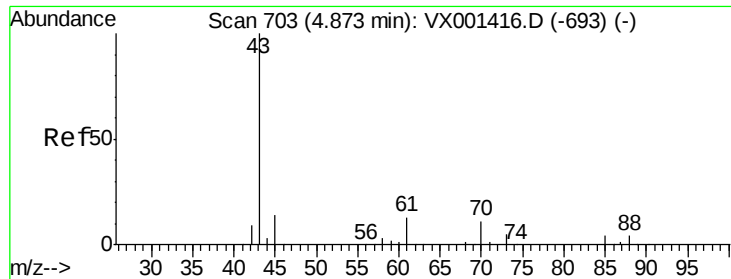
Tgt Ion:113 Resp: 127929
 Ion Ratio Lower Upper
 113 100
 111 100.7 82.2 123.2
 192 25.7 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 3.66 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001517.D
 Acq: 08 May 2018 16:40

Tgt Ion: 75 Resp: 15183
 Ion Ratio Lower Upper
 75 100
 110 10.5 18.9 56.7#
 77 0.2 24.9 37.3#





#37

Ethyl Acetate

Concen: 12.01 ug/l

RT: 4.72 min Scan# 678

Delta R.T. -0.15 min

Lab File: VX001517.D

Acq: 08 May 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

V23608-VB102

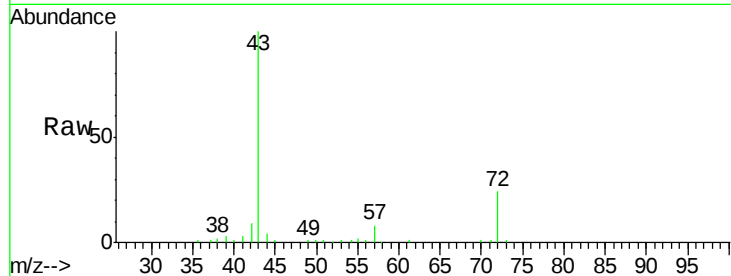
Tgt Ion: 43 Resp: 54621

Ion Ratio Lower Upper

43 100

61 0.2 10.7 16.1#

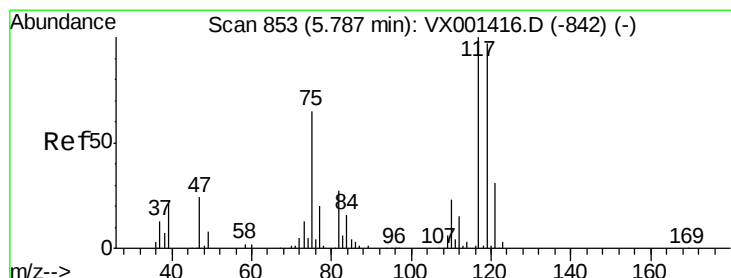
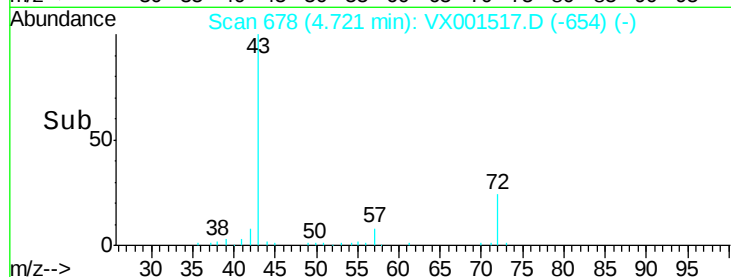
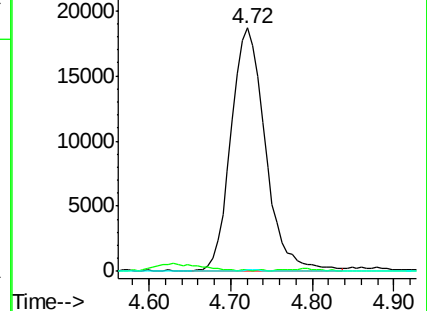
70 0.3 8.4 12.6#



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: 4.75 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX001517.D

Acq: 08 May 2018 16:40

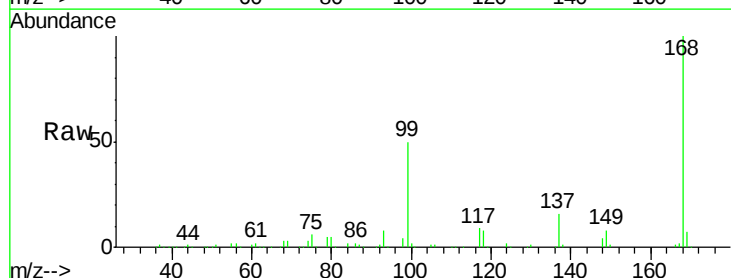
Tgt Ion: 117 Resp: 21000

Ion Ratio Lower Upper

117 100

119 4.4 77.0 115.6#

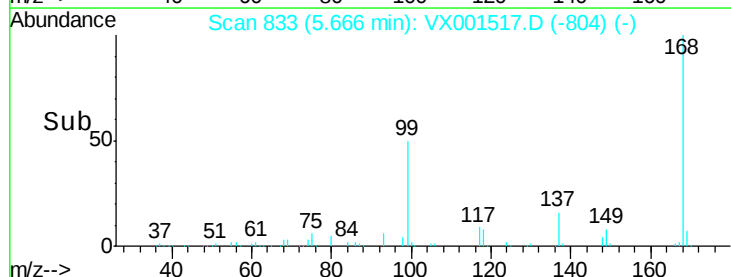
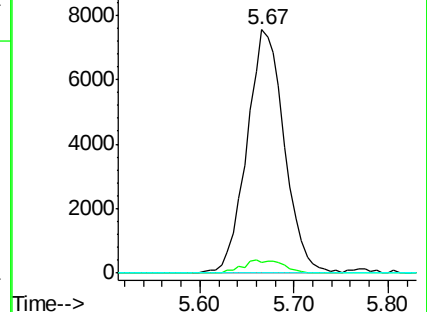
121 0.0 25.1 37.7#

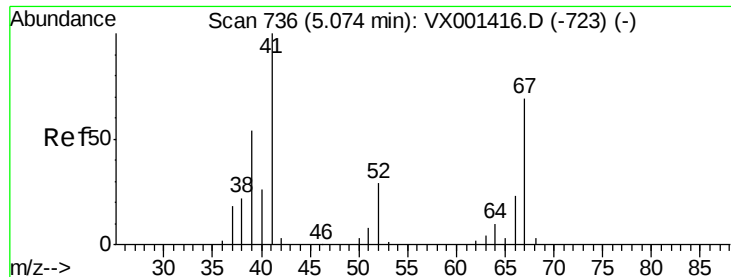


Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V

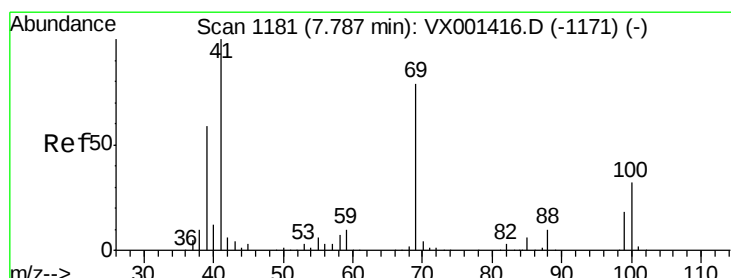
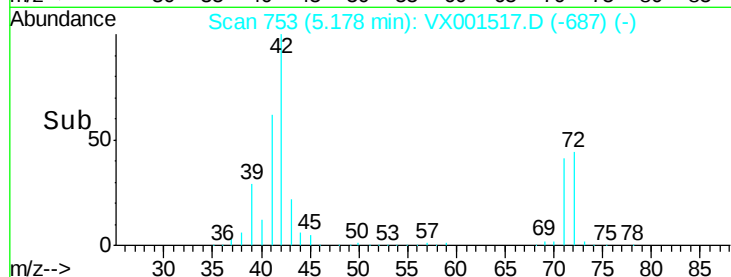
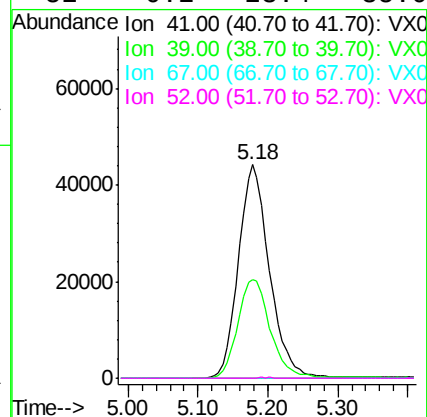
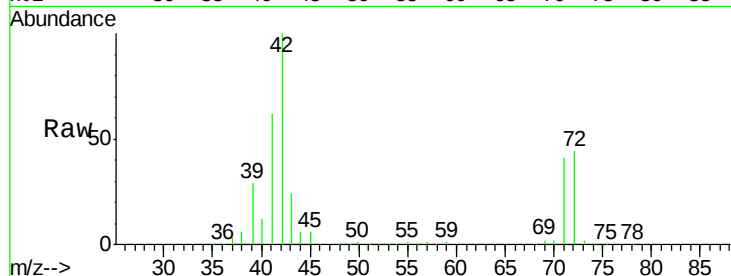




#41
Methacrylonitrile
Concen: 52.26 ug/l
RT: 5.18 min Scan# 753
Delta R.T. 0.10 min
Lab File: VX001517.D
Acq: 08 May 2018 16:40

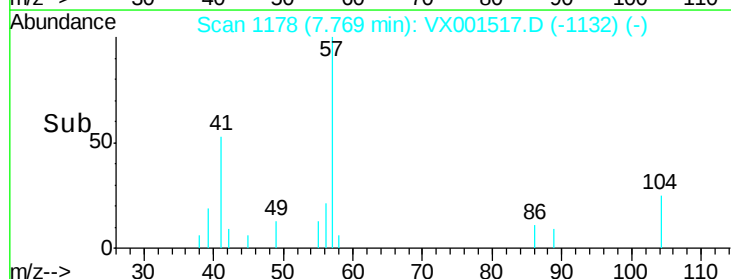
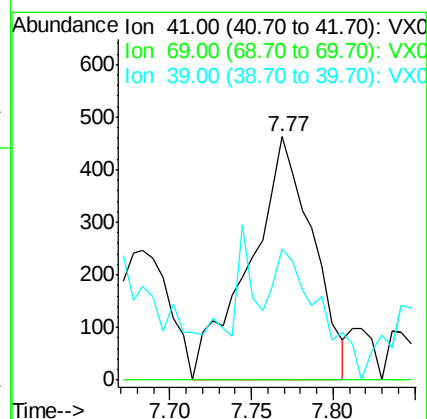
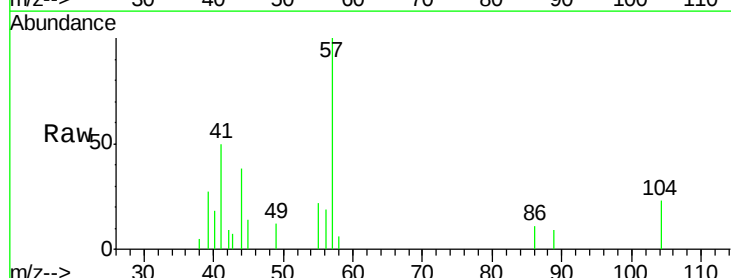
Instrument :
MSVOA_X
ClientSampleId :
V23608-VB102

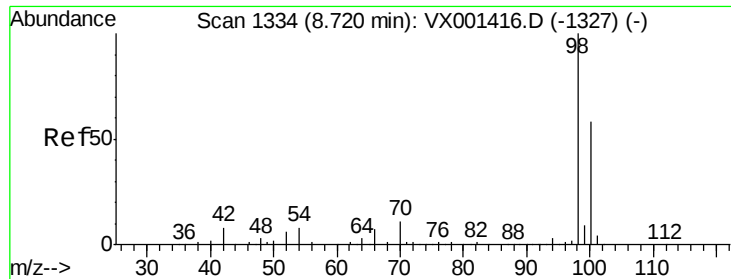
Tgt Ion:	41	Resp:	135967
Ion	Ratio	Lower	Upper
41	100		
39	48.8	45.0	67.6
67	0.0	55.0	82.6#
52	0.2	23.4	35.0#



#48
Methyl methacrylate
Concen: 0.33 ug/l
RT: 7.77 min Scan# 1178
Delta R.T. -0.02 min
Lab File: VX001517.D
Acq: 08 May 2018 16:40

Tgt Ion:	41	Resp:	1239
Ion	Ratio	Lower	Upper
41	100		
69	0.0	63.4	95.2#
39	40.2	47.0	70.4#

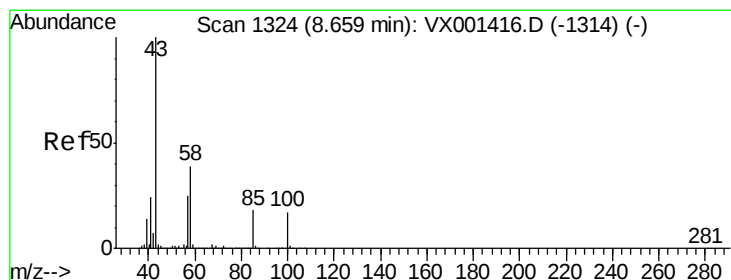
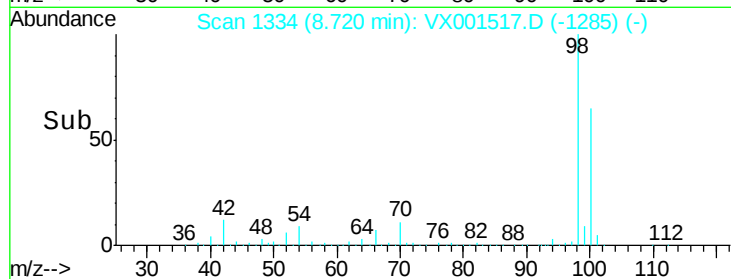
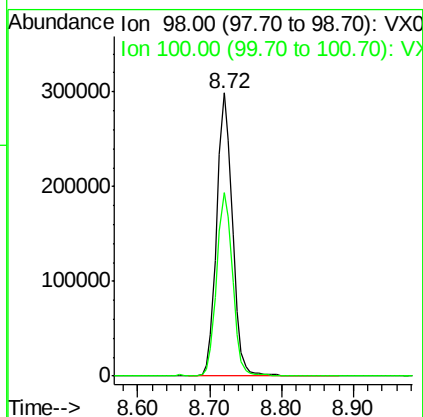
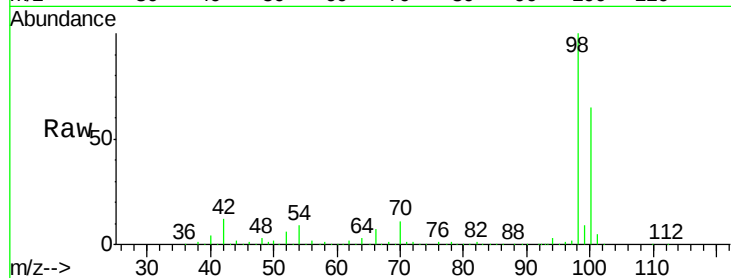




#50
Toluene-d8
Concen: 42.78 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001517.D
Acq: 08 May 2018 16:40

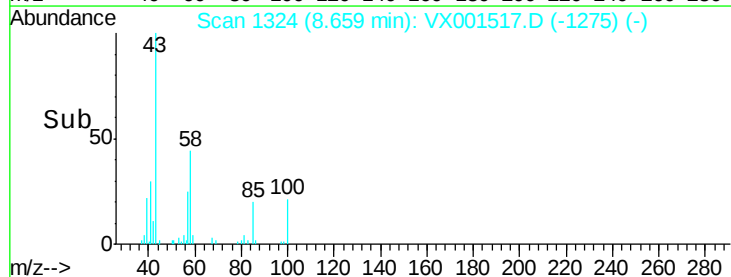
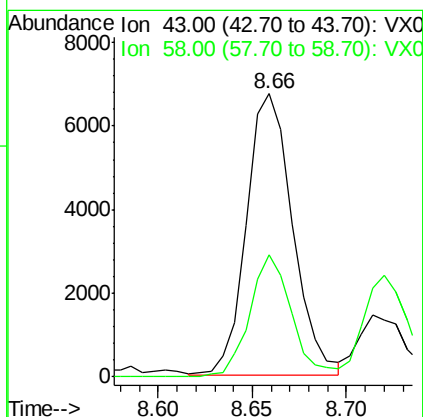
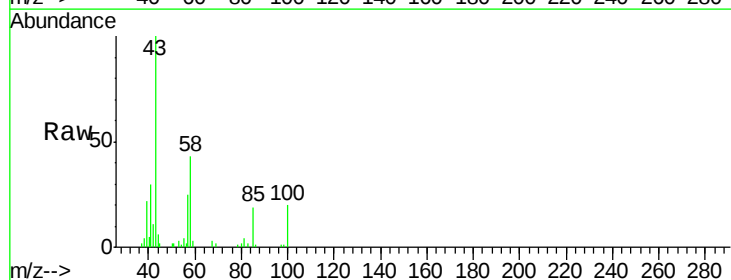
Instrument :
MSVOA_X
ClientSampleId :
V23608-VB102

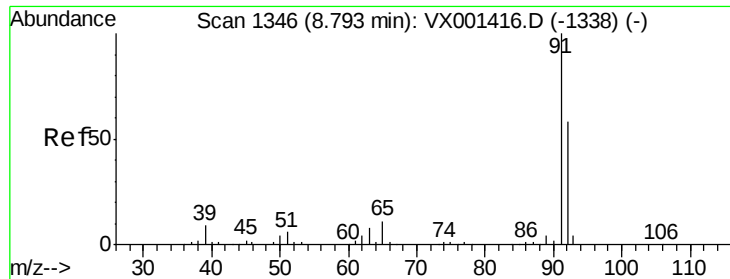
Tgt Ion: 98 Resp: 452934
Ion Ratio Lower Upper
98 100
100 65.4 54.0 81.0



#51
4-Methyl-2-Pentanone
Concen: 2.47 ug/l
RT: 8.66 min Scan# 1324
Delta R.T. 0.00 min
Lab File: VX001517.D
Acq: 08 May 2018 16:40

Tgt Ion: 43 Resp: 11438
Ion Ratio Lower Upper
43 100
58 39.5 30.8 46.2





#52

Toluene

Concen: 20.33 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.01 min

Lab File: VX001517.D

Acq: 08 May 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

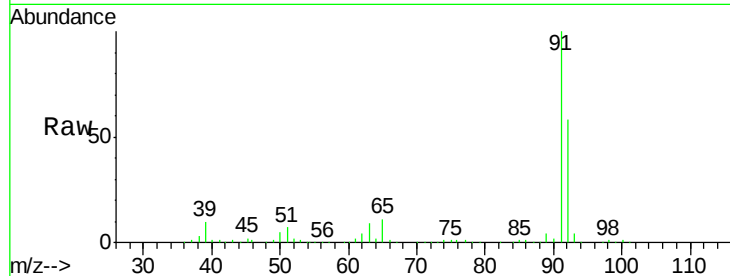
V23608-VB102

Tgt Ion: 92 Resp: 161076

Ion Ratio Lower Upper

92 100

91 171.3 135.2 202.8



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0

200000

150000

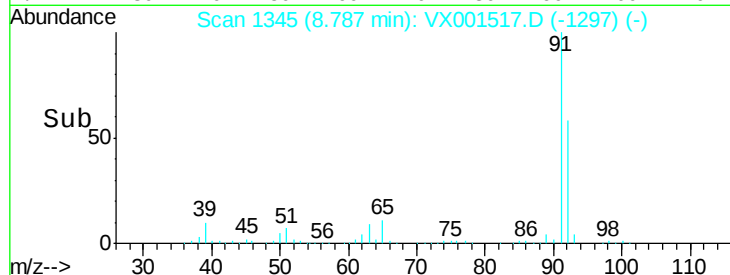
100000

50000

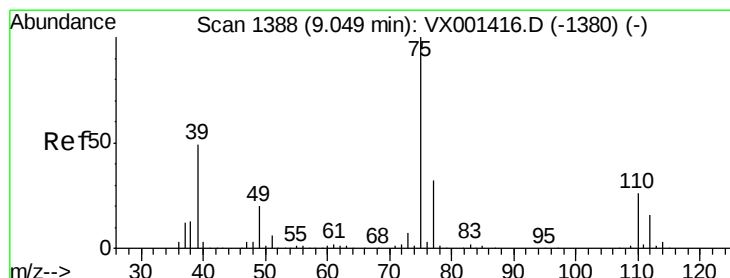
0

8.79

8.70 8.80 8.90



Time-->



#54

cis-1,3-Dichloropropene

Concen: 2.69 ug/l

RT: 8.79 min Scan# 1345

Delta R.T. -0.26 min

Lab File: VX001517.D

Acq: 08 May 2018 16:40

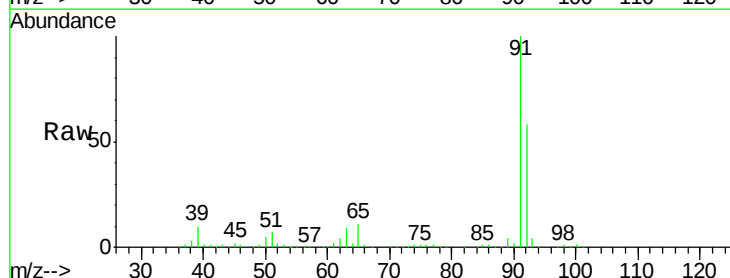
Tgt Ion: 75 Resp: 2050

Ion Ratio Lower Upper

75 100

77 181.9 25.5 38.3#

39 1252.9 38.9 58.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 76.90 (76.60 to 77.60): VX0

Ion 39.00 (38.70 to 39.70): VX0

20000

15000

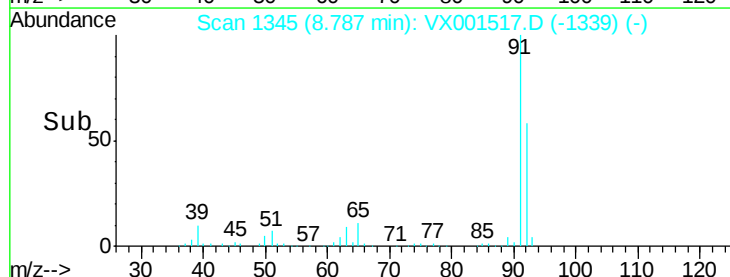
10000

5000

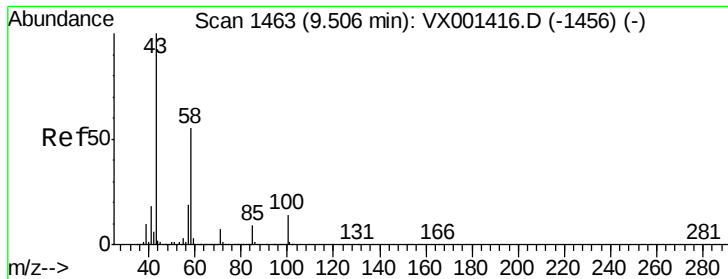
0

8.79

8.75 8.80 8.85



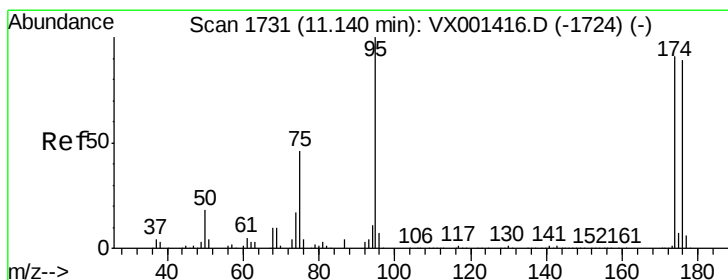
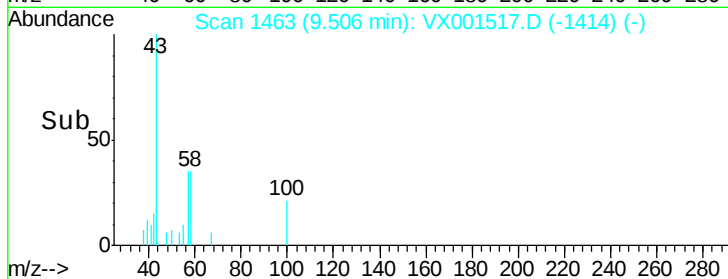
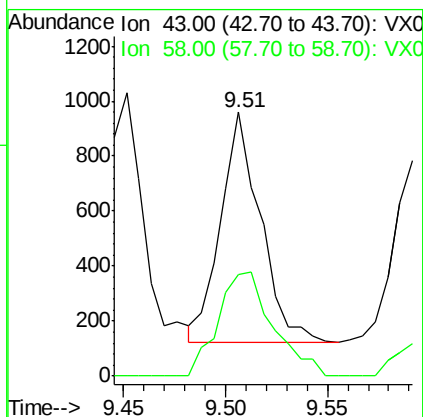
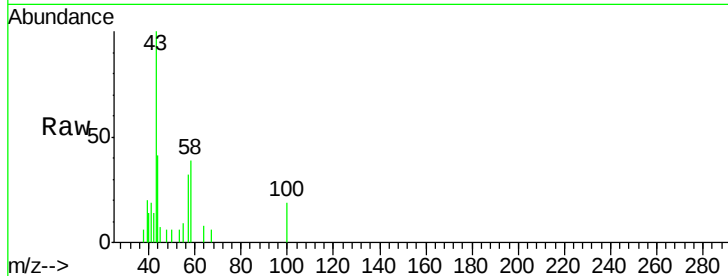
Time-->



#59
 2-Hexanone
 Concen: 0.32 ug/l
 RT: 9.51 min Scan# 1463
 Delta R.T. 0.00 min
 Lab File: VX001517.D
 Acq: 08 May 2018 16:40

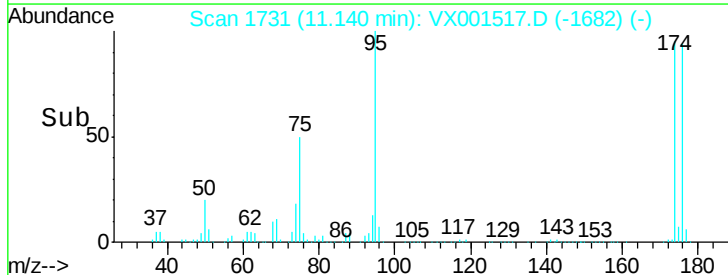
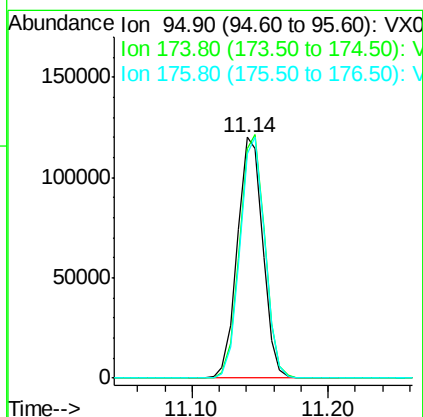
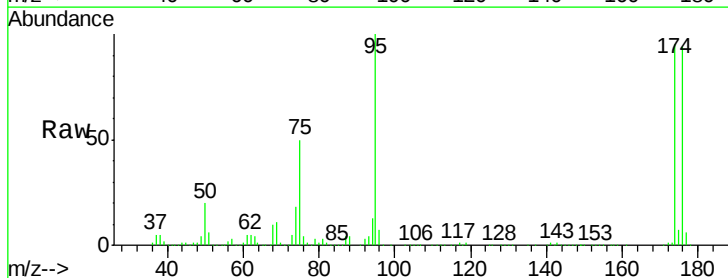
Instrument :
 MSVOA_X
 ClientSampleId :
 V23608-VB102

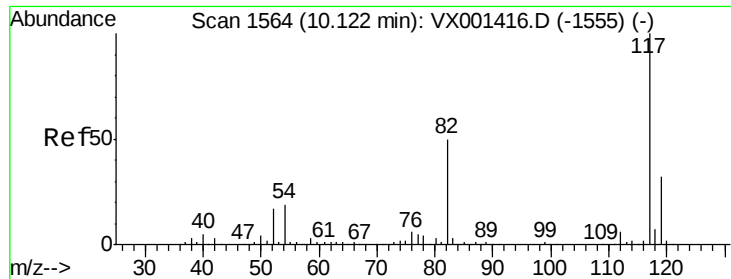
Tgt Ion: 43 Resp: 1134
 Ion Ratio Lower Upper
 43 100
 58 62.1 27.1 81.2



#62
 4-Bromofluorobenzene
 Concen: 38.43 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.00 min
 Lab File: VX001517.D
 Acq: 08 May 2018 16:40

Tgt Ion: 95 Resp: 156208
 Ion Ratio Lower Upper
 95 100
 174 99.8 0.0 202.0
 176 97.4 0.0 197.4

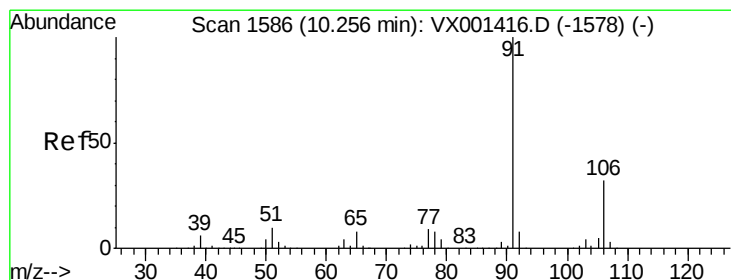
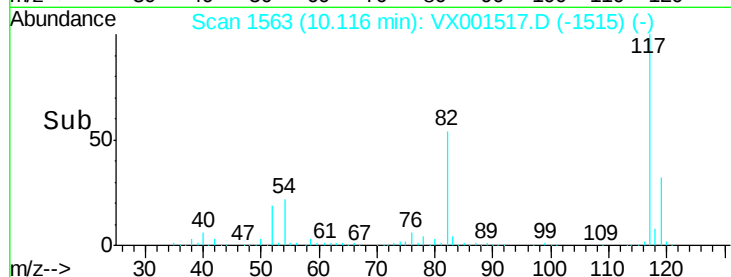
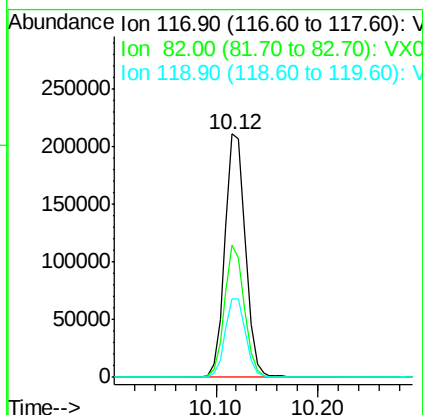
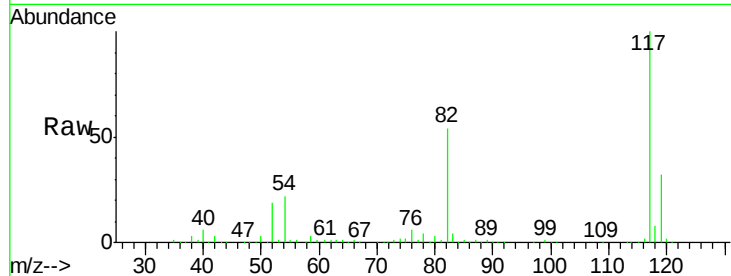




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001517.D
Acq: 08 May 2018 16:40

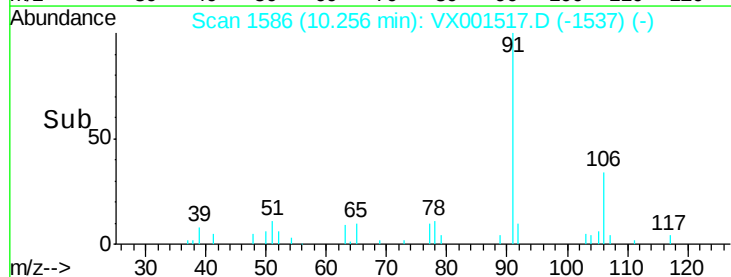
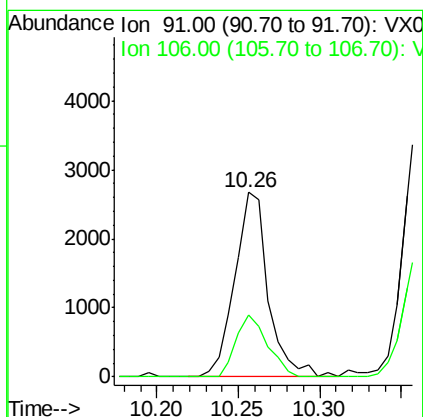
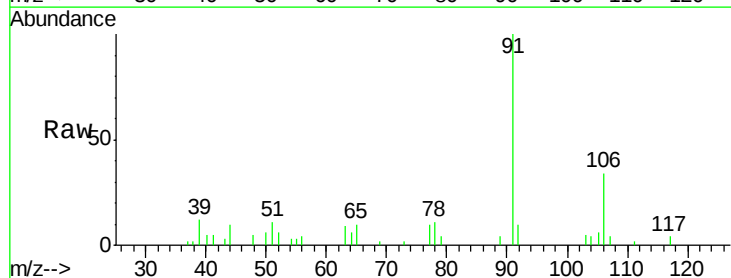
Instrument :
MSVOA_X
ClientSampleId :
V23608-VB102

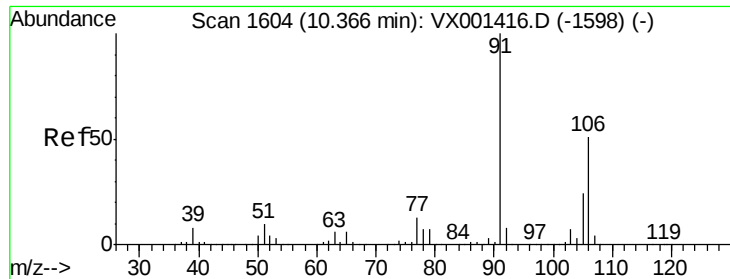
Tgt Ion: 117 Resp: 293982
Ion Ratio Lower Upper
117 100
82 54.5 40.0 60.0
119 32.4 25.8 38.8



#67
Ethyl Benzene
Concen: 0.27 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. 0.00 min
Lab File: VX001517.D
Acq: 08 May 2018 16:40

Tgt Ion: 91 Resp: 3818
Ion Ratio Lower Upper
91 100
106 33.6 25.5 38.3

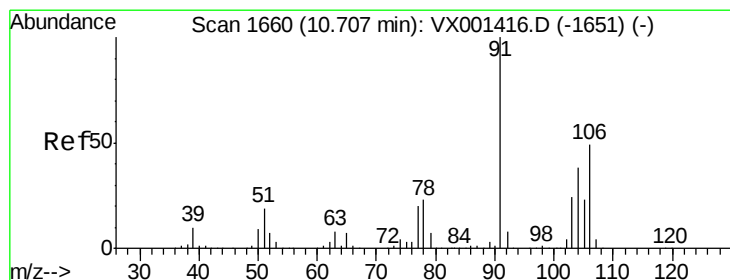
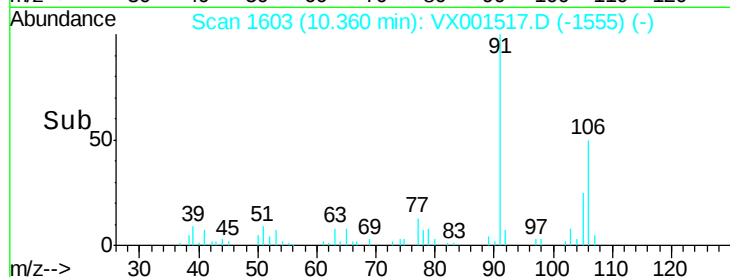
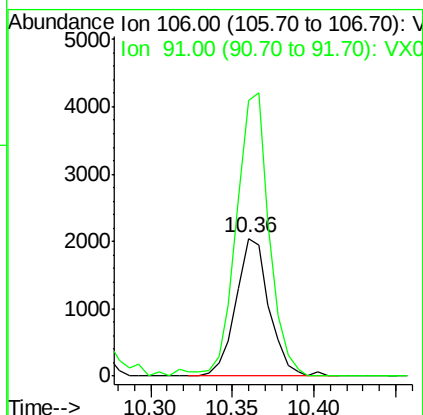
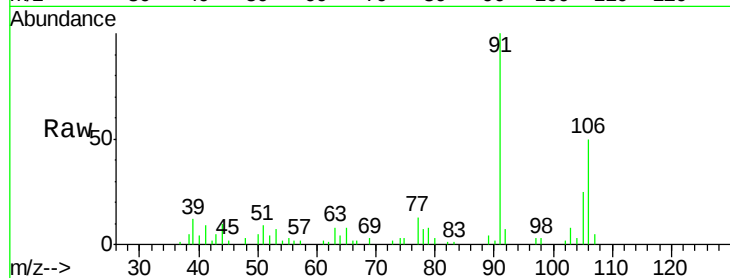




#68
m/p-Xylenes
Concen: 0.52 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. -0.01 min
Lab File: VX001517.D
Acq: 08 May 2018 16:40

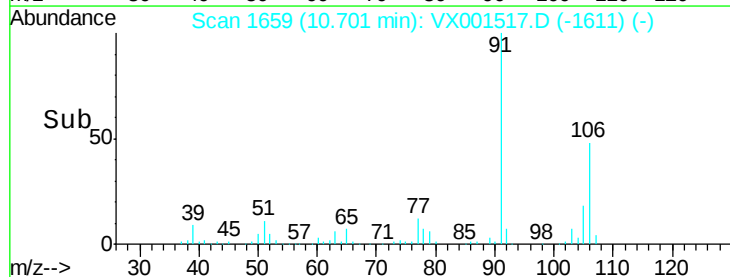
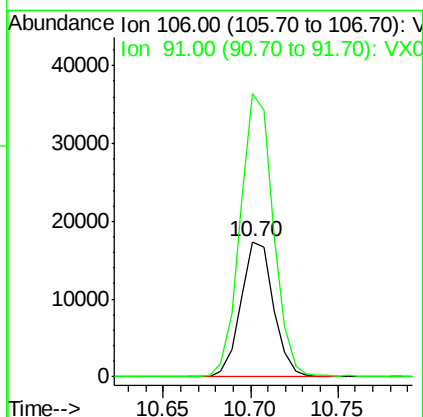
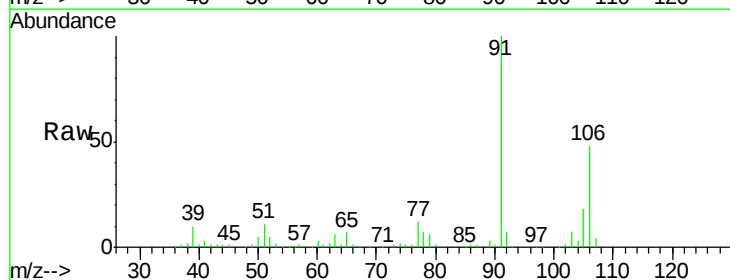
Instrument :
MSVOA_X
ClientSampleId :
V23608-VB102

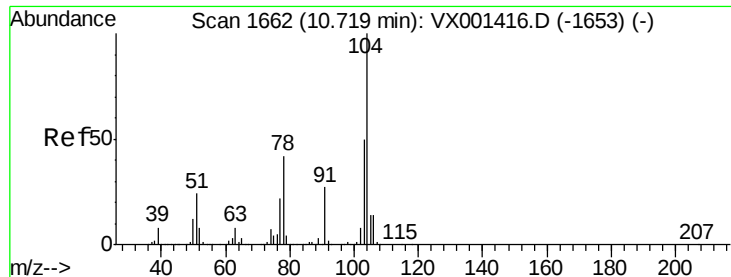
Tgt Ion:106 Resp: 2908
Ion Ratio Lower Upper
106 100
91 203.4 157.5 236.3



#69
o-Xylene
Concen: 4.16 ug/l
RT: 10.70 min Scan# 1659
Delta R.T. -0.01 min
Lab File: VX001517.D
Acq: 08 May 2018 16:40

Tgt Ion:106 Resp: 22602
Ion Ratio Lower Upper
106 100
91 212.3 103.1 309.1





#70

Styrene

Concen: 0.23 ug/l

RT: 10.70 min Scan# 1659

Delta R.T. -0.02 min

Lab File: VX001517.D

Acq: 08 May 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

V23608-VB102

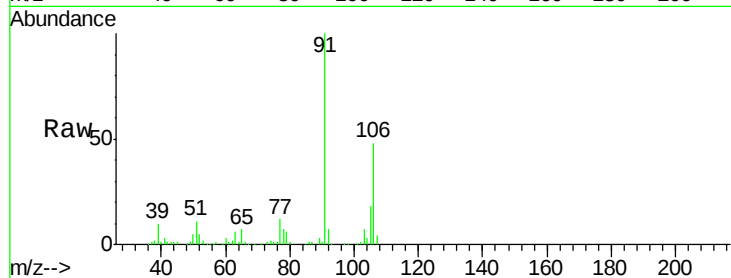
Tgt Ion:104 Resp: 2019

Ion Ratio Lower Upper

104 100

78 181.7 38.6 58.0#

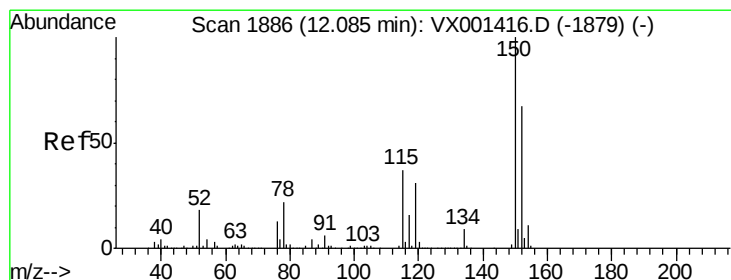
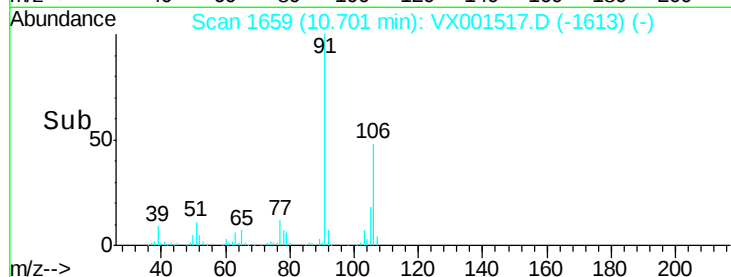
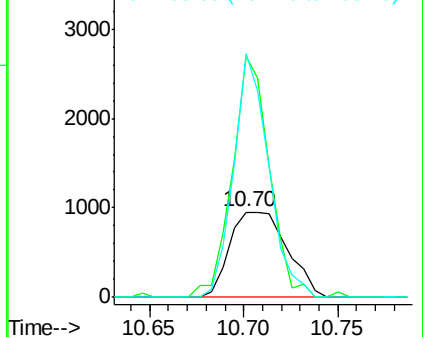
103 173.6 44.0 66.0#



Abundance Ion 104.00 (103.70 to 104.70): V

Ion 78.00 (77.70 to 78.70): V

Ion 103.00 (102.70 to 103.70): 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: VX001517.D

Acq: 08 May 2018 16:40

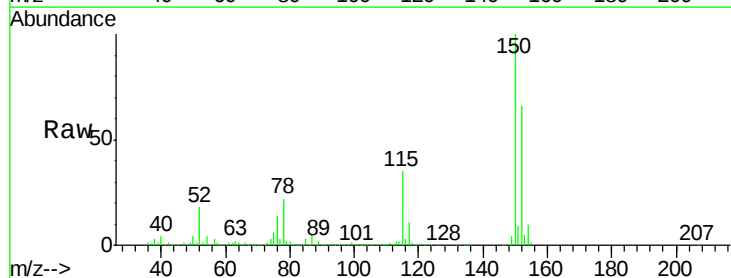
Tgt Ion:152 Resp: 168900

Ion Ratio Lower Upper

152 100

115 53.9 37.7 113.1

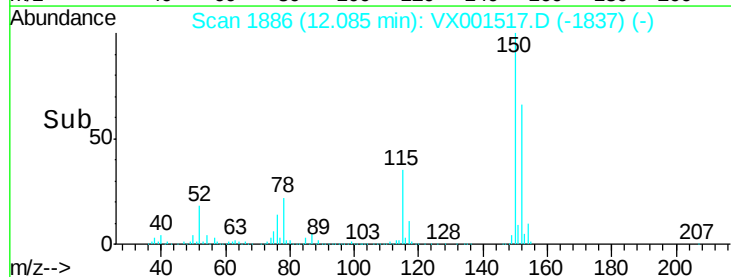
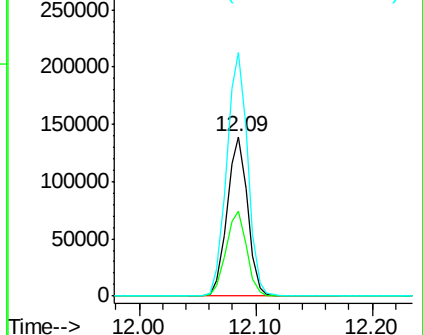
150 157.0 0.0 349.4

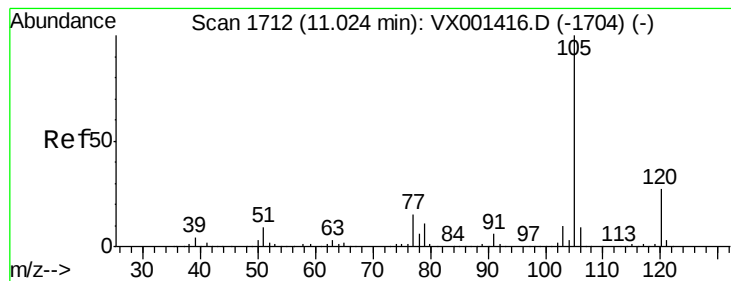


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 1.33 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.00 min

Lab File: VX001517.D

Acq: 08 May 2018 16:40

Instrument :

MSVOA_X

ClientSampled :

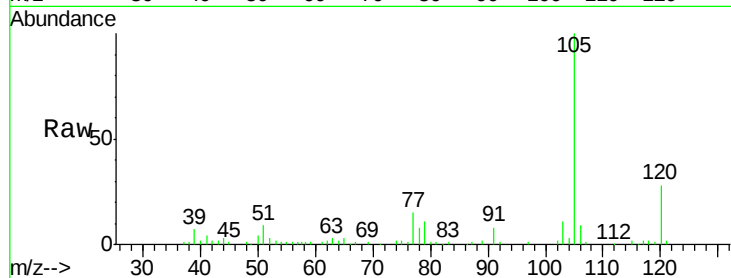
V23608-VB102

Tgt Ion: 105 Resp: 15580

Ion Ratio Lower Upper

105 100

120 28.2 13.6 40.8



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

15000

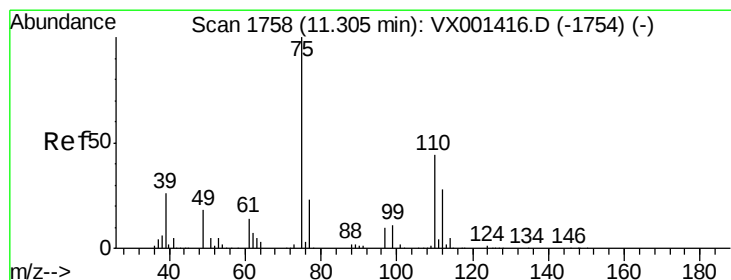
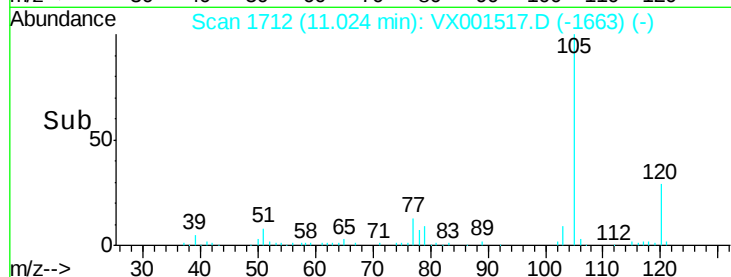
10000

5000

0

Time-->

10.95 11.00 11.05 11.10



#76

1,2,3-Trichloropropane

Concen: 22.77 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001517.D

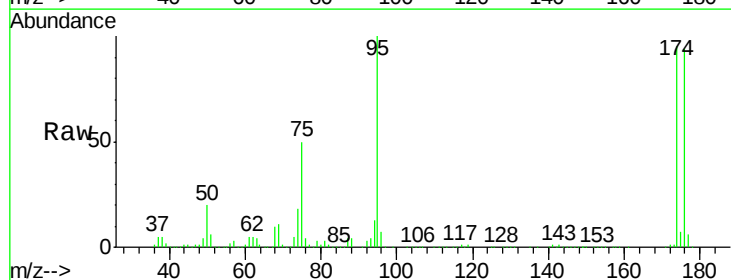
Acq: 08 May 2018 16:40

Tgt Ion: 75 Resp: 77993

Ion Ratio Lower Upper

75 100

77 1.6 19.6 58.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.14

60000

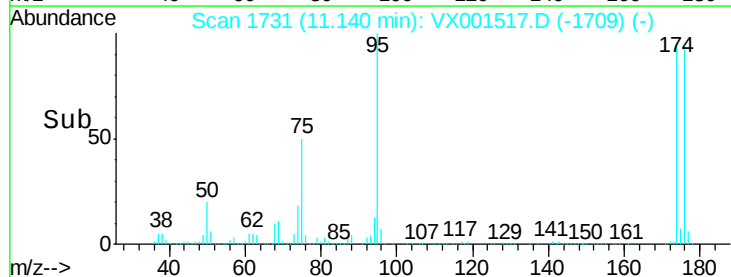
40000

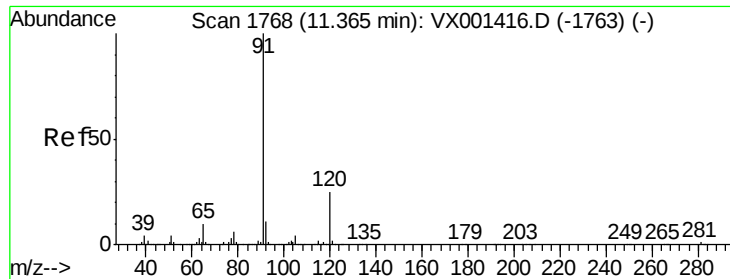
20000

0

Time-->

11.10 11.15 11.20

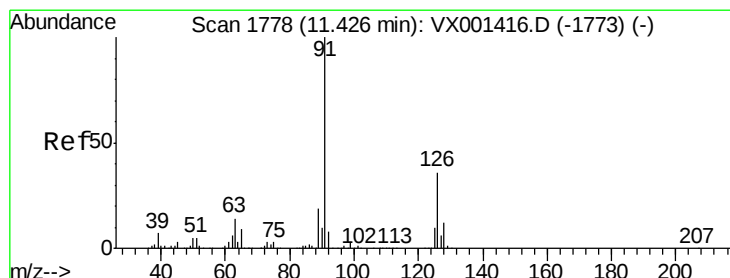
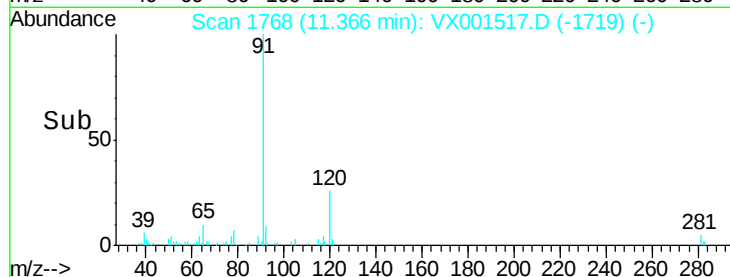
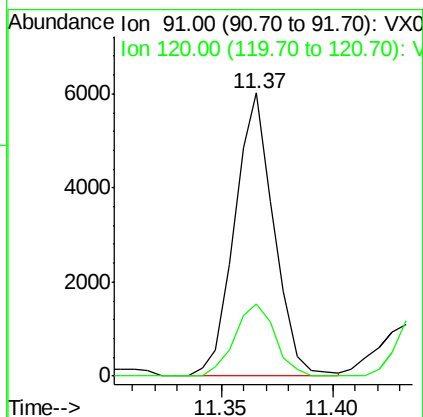
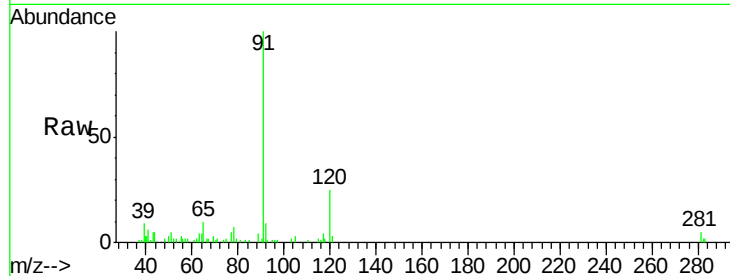




#78
n-propylbenzene
Concen: 0.58 ug/l
RT: 11.37 min Scan# 1768
Delta R.T. 0.00 min
Lab File: VX001517.D
Acq: 08 May 2018 16:40

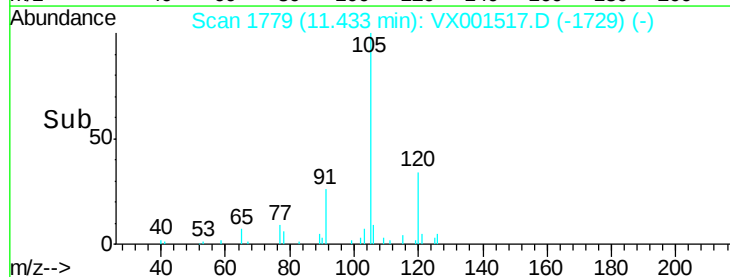
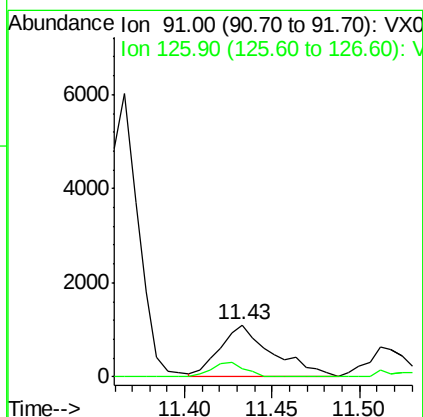
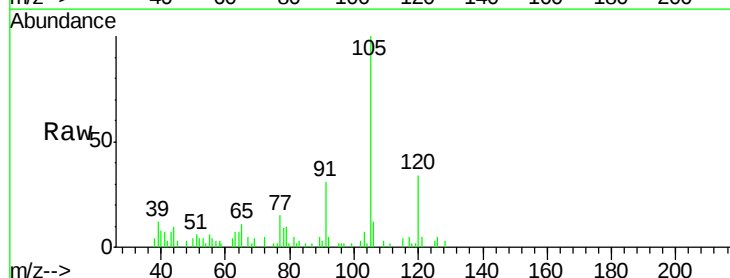
Instrument :
MSVOA_X
ClientSampleId :
V23608-VB102

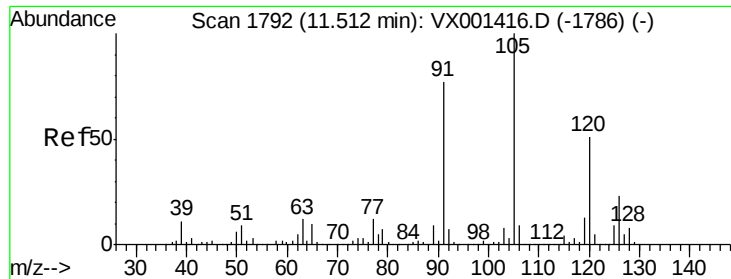
Tgt Ion: 91 Resp: 7368
Ion Ratio Lower Upper
91 100
120 26.1 12.5 37.5



#79
2-Chlorotoluene
Concen: 0.30 ug/l
RT: 11.43 min Scan# 1779
Delta R.T. 0.01 min
Lab File: VX001517.D
Acq: 08 May 2018 16:40

Tgt Ion: 91 Resp: 2325
Ion Ratio Lower Upper
91 100
126 17.3 18.1 54.4#

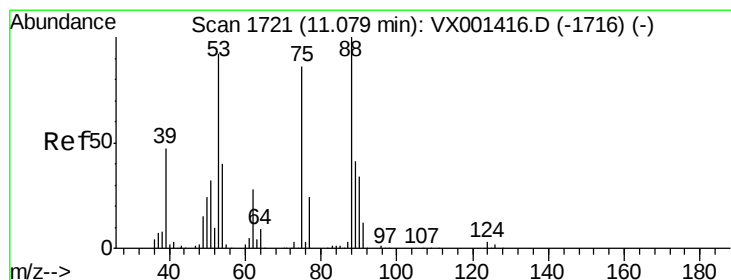
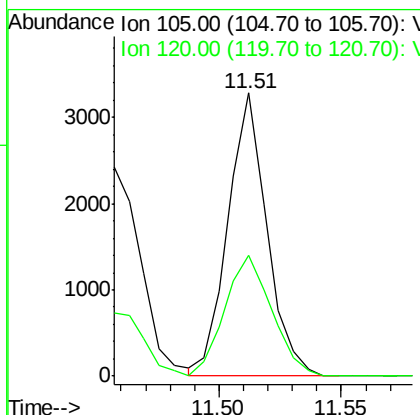
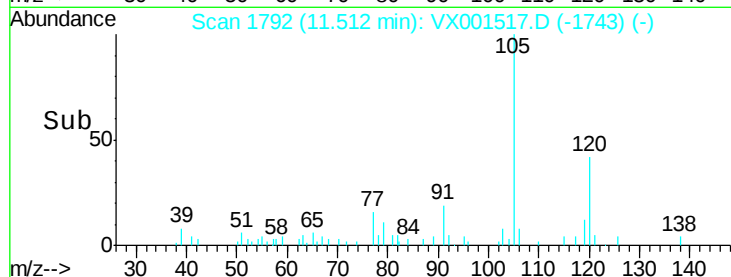
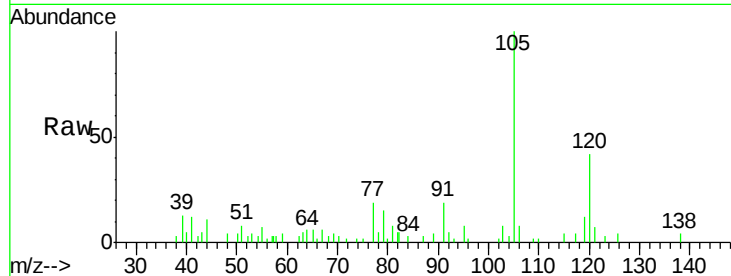




#80
 1,3,5-Trimethylbenzene
 Concen: 0.37 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX001517.D
 Acq: 08 May 2018 16:40

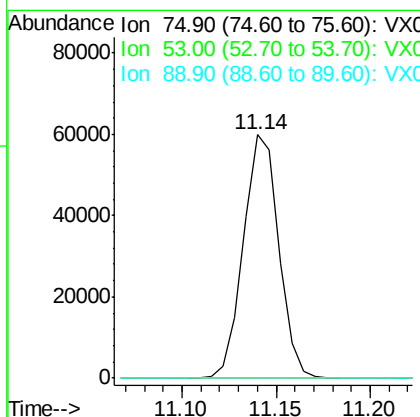
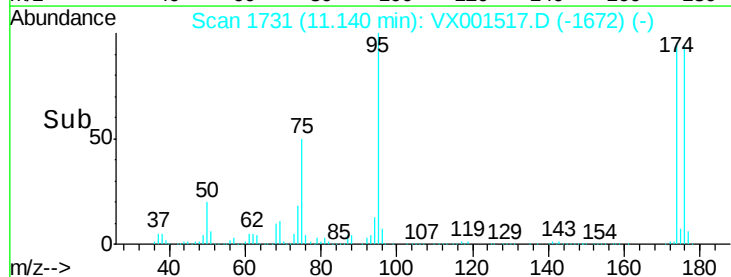
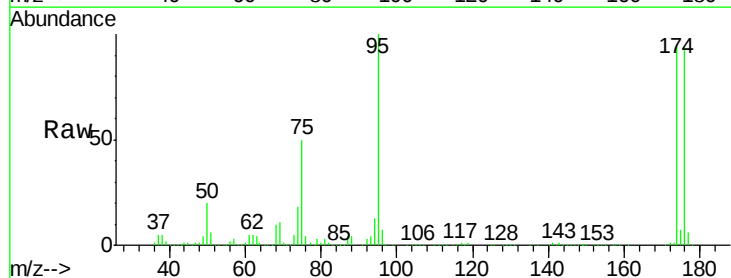
Instrument :
 MSVOA_X
 ClientSampleId :
 V23608-VB102

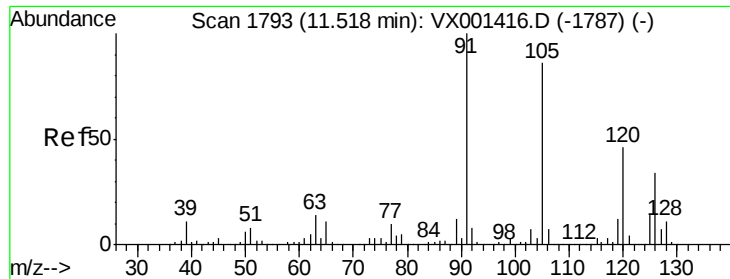
Tgt Ion: 105 Resp: 3634
 Ion Ratio Lower Upper
 105 100
 120 51.2 25.7 77.1



#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.66 ug/l
 RT: 11.14 min Scan# 1731
 Delta R.T. 0.06 min
 Lab File: VX001517.D
 Acq: 08 May 2018 16:40

Tgt Ion: 75 Resp: 77993
 Ion Ratio Lower Upper
 75 100
 53 0.2 84.5 126.7#
 89 0.0 39.5 59.3#

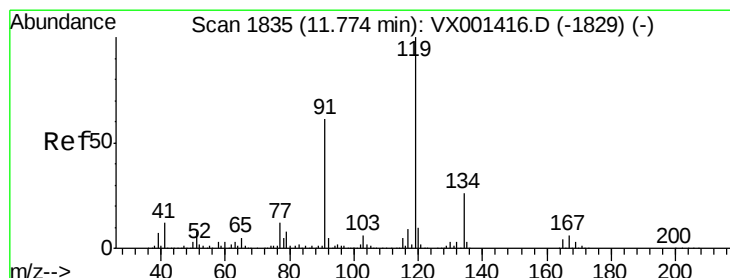
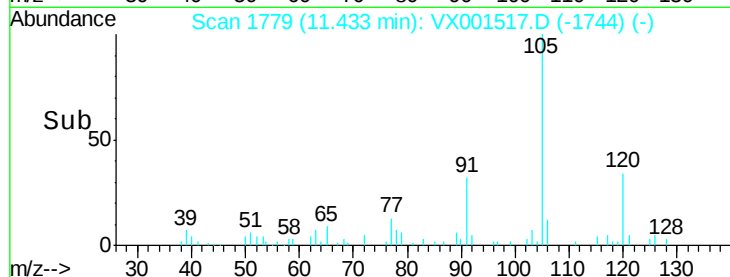
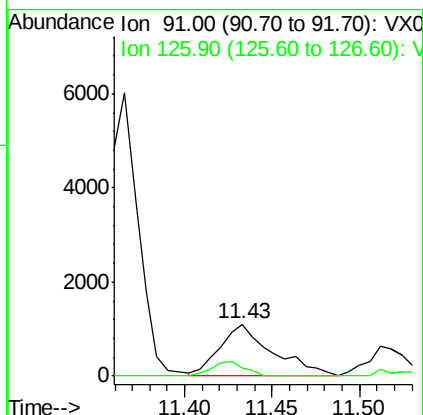
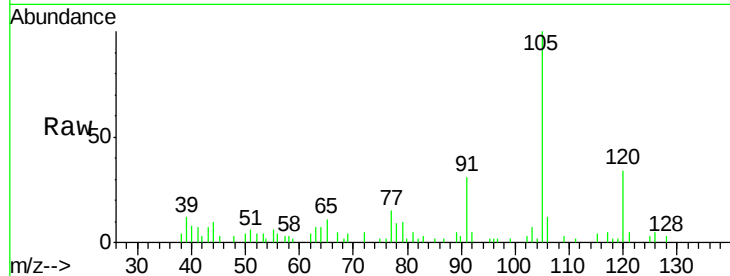




#82
4-Chlorotoluene
Concen: 0.26 ug/l
RT: 11.43 min Scan# 1779
Delta R.T. -0.09 min
Lab File: VX001517.D
Acq: 08 May 2018 16:40

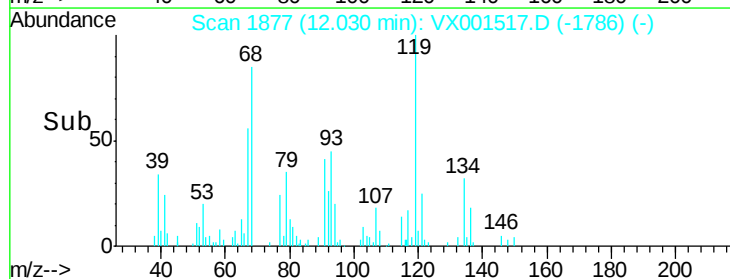
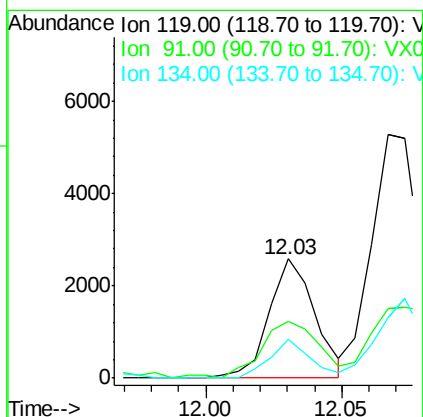
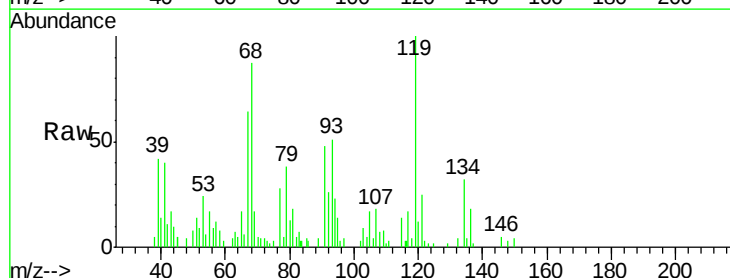
Instrument :
MSVOA_X
ClientSampleId :
V23608-VB102

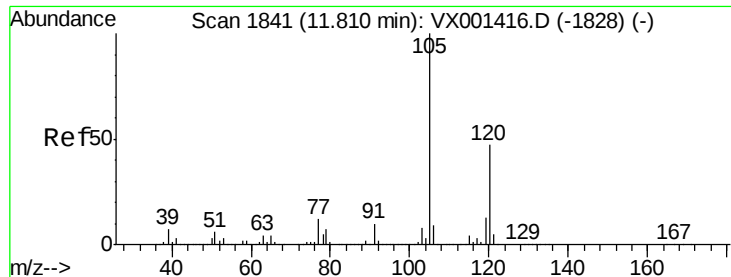
Tgt Ion: 91 Resp: 2325
Ion Ratio Lower Upper
91 100
126 17.3 16.2 48.5



#83
tert-Butylbenzene
Concen: 0.31 ug/l
RT: 12.03 min Scan# 1877
Delta R.T. 0.26 min
Lab File: VX001517.D
Acq: 08 May 2018 16:40

Tgt Ion: 119 Resp: 3019
Ion Ratio Lower Upper
119 100
91 53.8 27.8 83.3
134 28.5 12.4 37.0

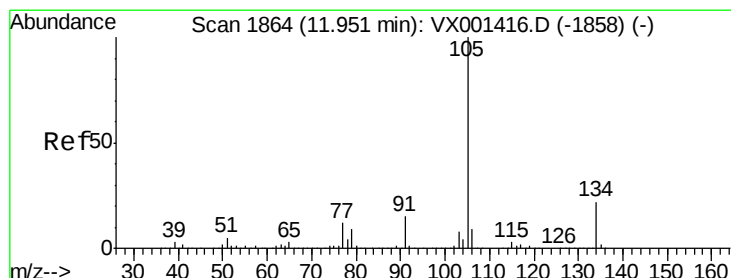
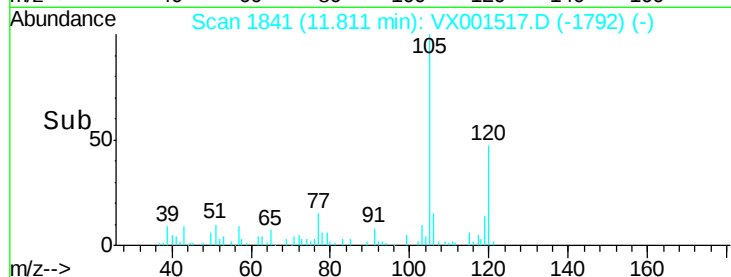
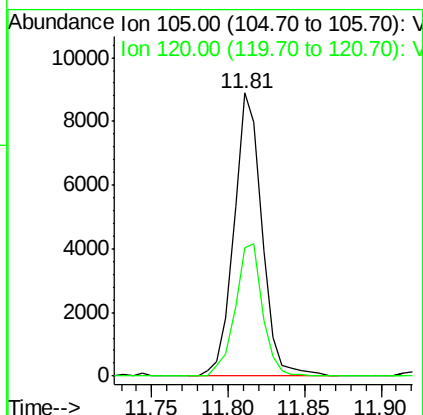
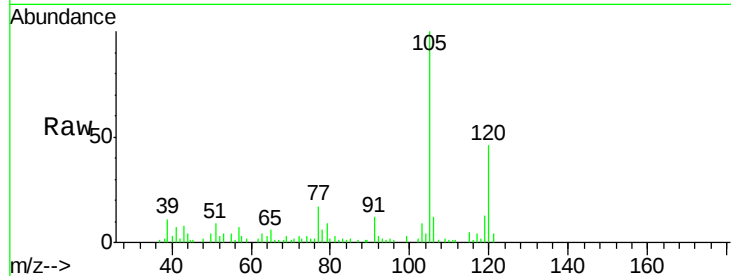




#84
 1,2,4-Trimethylbenzene
 Concen: 1.13 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX001517.D
 Acq: 08 May 2018 16:40

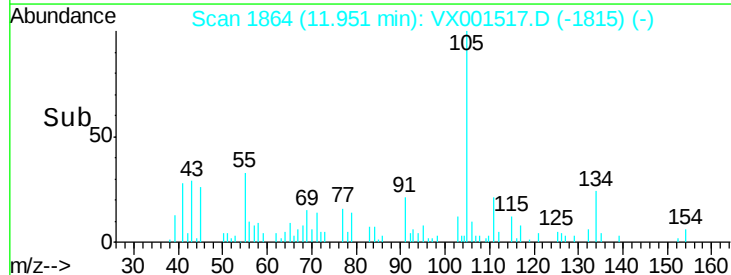
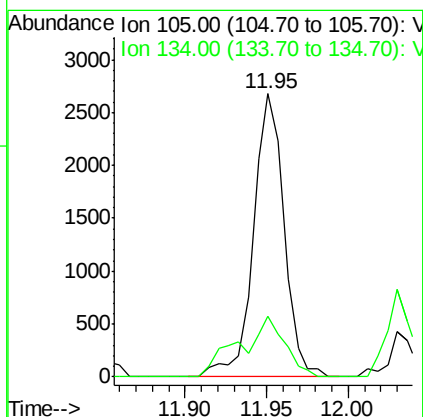
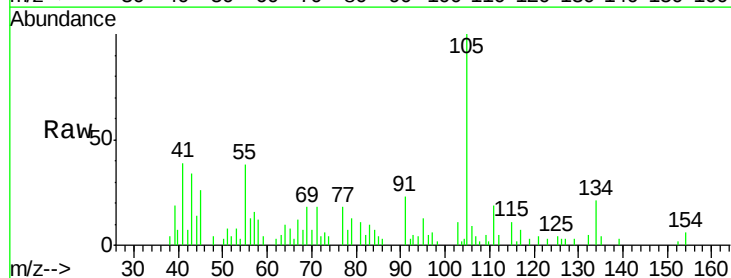
Instrument :
 MSVOA_X
 ClientSampleId :
 V23608-VB102

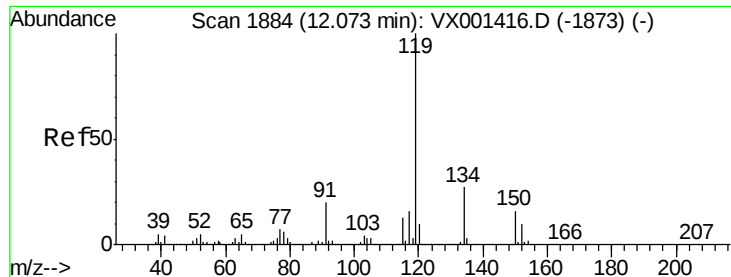
Tgt Ion:105 Resp: 11273
 Ion Ratio Lower Upper
 105 100
 120 45.7 23.4 70.2



#85
 sec-Butylbenzene
 Concen: 0.30 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX001517.D
 Acq: 08 May 2018 16:40

Tgt Ion:105 Resp: 3518
 Ion Ratio Lower Upper
 105 100
 134 31.8 10.9 32.9

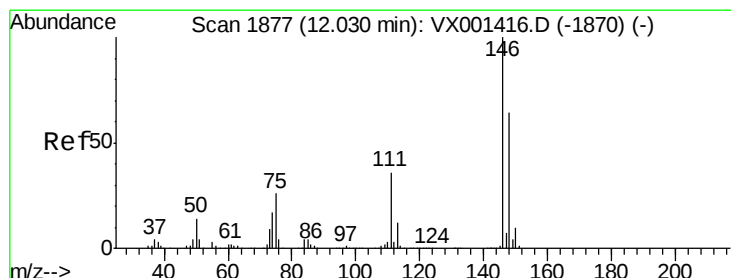
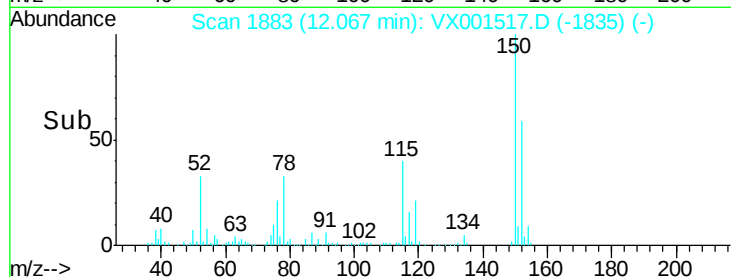
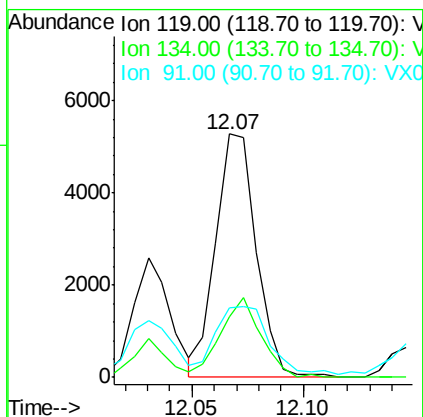
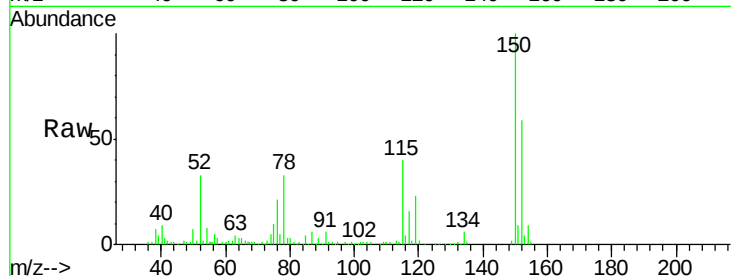




#86
 p-Isopropyltoluene
 Concen: 0.63 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. -0.01 min
 Lab File: VX001517.D
 Acq: 08 May 2018 16:40

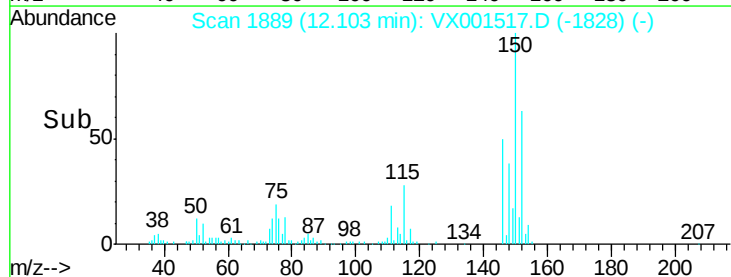
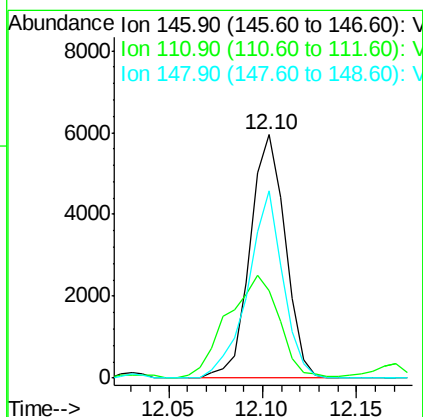
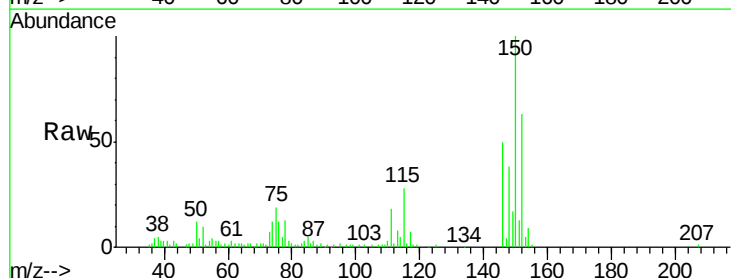
Instrument :
 MSVOA_X
 ClientSampleId :
 V23608-VB102

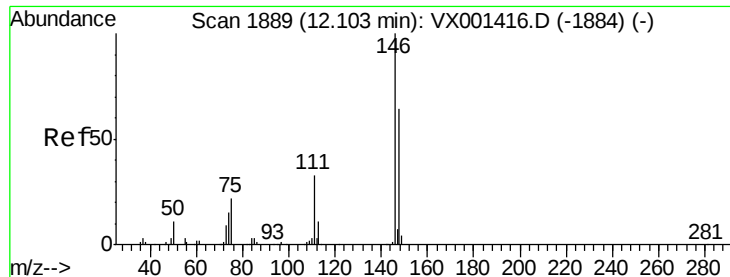
Tgt Ion:119 Resp: 6728
 Ion Ratio Lower Upper
 119 100
 134 32.3 13.6 40.8
 91 36.5 10.8 32.3#



#87
 1,3-Dichlorobenzene
 Concen: 1.27 ug/l
 RT: 12.10 min Scan# 1889
 Delta R.T. 0.07 min
 Lab File: VX001517.D
 Acq: 08 May 2018 16:40

Tgt Ion:146 Resp: 7709
 Ion Ratio Lower Upper
 146 100
 111 62.4 18.1 54.1#
 148 76.8 32.1 96.5





#88

1,4-Dichlorobenzene

Concen: 1.24 ug/l

RT: 12.10 min Scan# 1889

Delta R.T. 0.00 min

Lab File: VX001517.D

Acq: 08 May 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

V23608-VB102

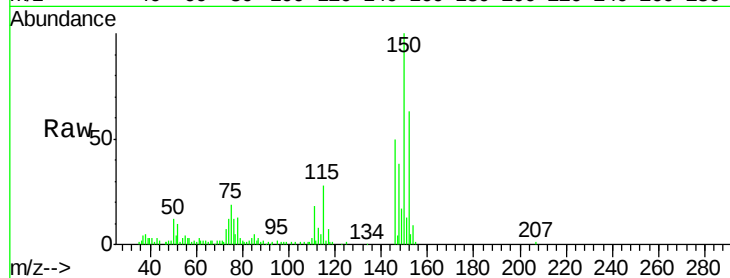
Tgt Ion:146 Resp: 7709

Ion Ratio Lower Upper

146 100

111 62.4 17.4 52.3#

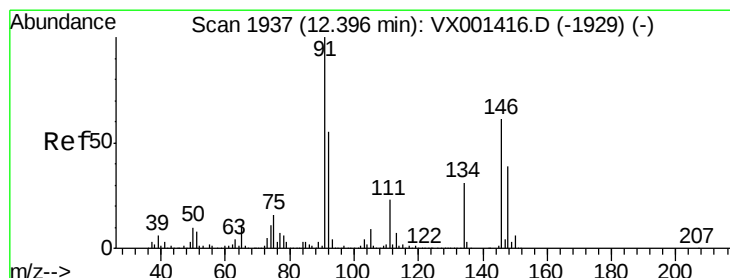
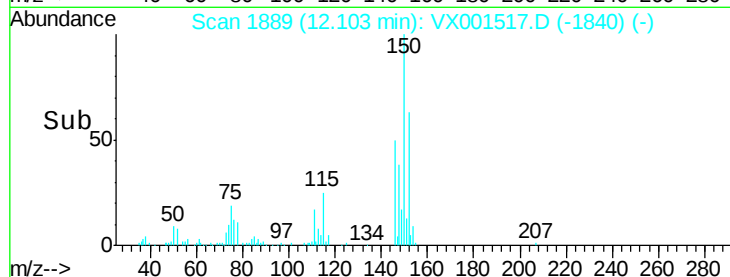
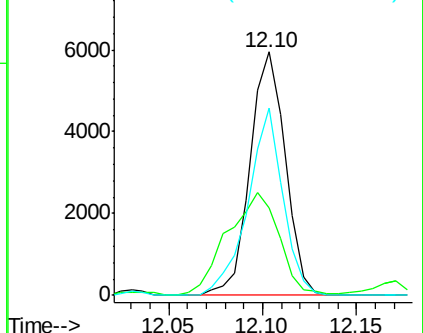
148 76.8 32.2 96.6



Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V



#89

n-Butylbenzene

Concen: 0.54 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. -0.01 min

Lab File: VX001517.D

Acq: 08 May 2018 16:40

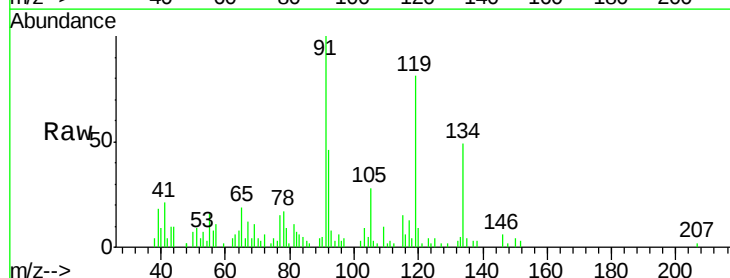
Tgt Ion: 91 Resp: 4807

Ion Ratio Lower Upper

91 100

92 41.0 27.2 81.5

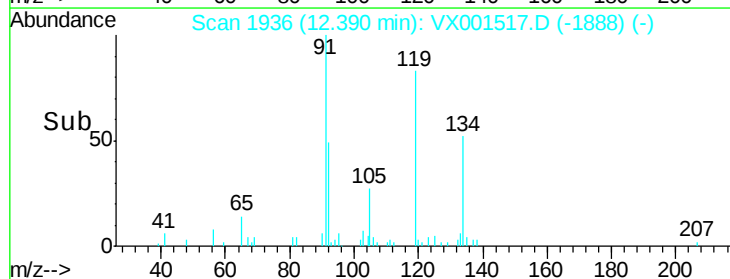
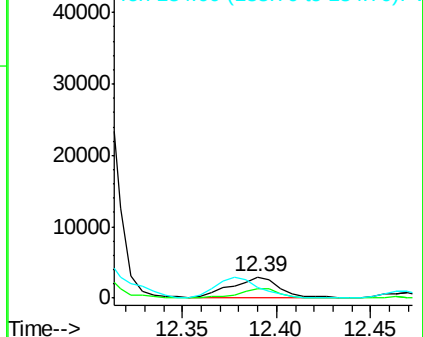
134 97.4 14.6 44.0#

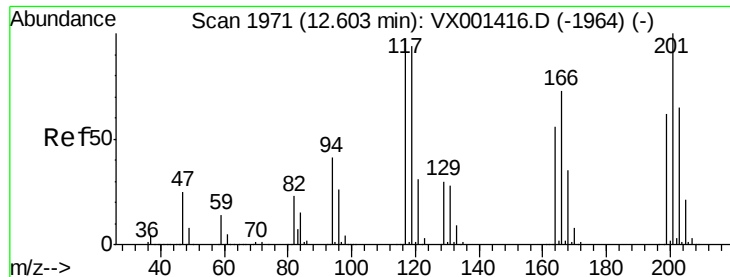


Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 92.00 (91.70 to 92.70): VX0

Ion 134.00 (133.70 to 134.70): V





#90

Hexachloroethane

Concen: 19.98 ug/l

RT: 12.76 min Scan# 1997

Delta R.T. 0.16 min

Lab File: VX001517.D

Acq: 08 May 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

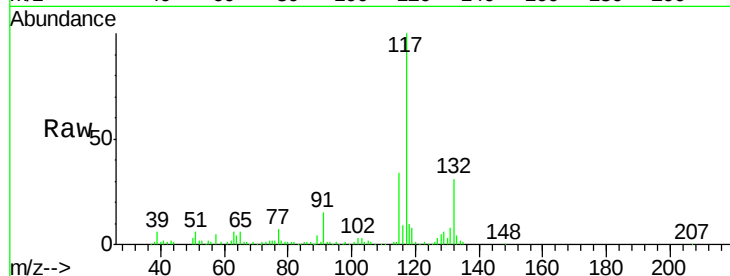
V23608-VB102

Tgt Ion:117 Resp: 32085

Ion Ratio Lower Upper

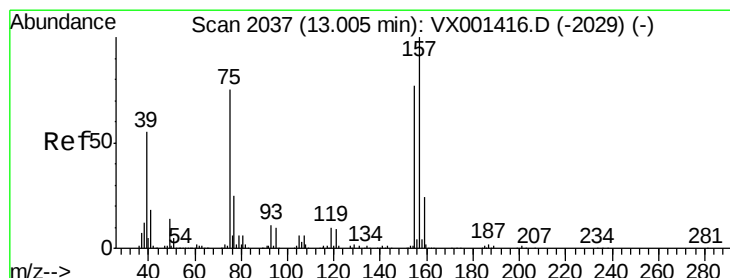
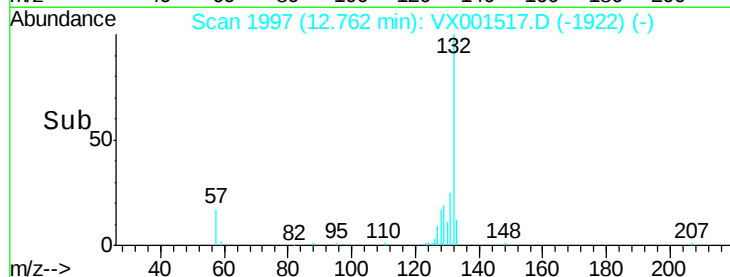
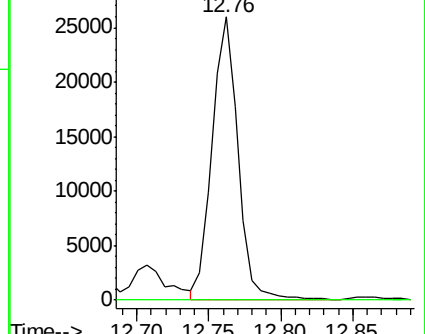
117 100

201 0.0 51.5 154.5#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 200.70 (200.40 to 201.40): V



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.31 ug/l

RT: 12.98 min Scan# 2033

Delta R.T. -0.02 min

Lab File: VX001517.D

Acq: 08 May 2018 16:40

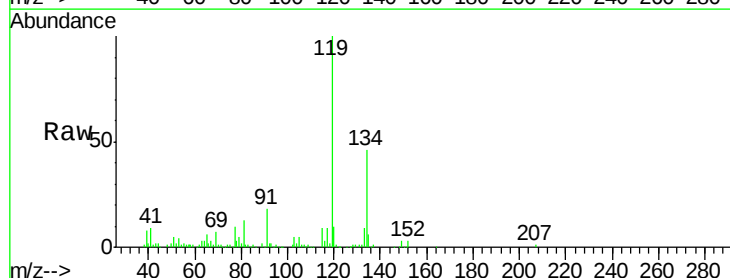
Tgt Ion: 75 Resp: 237

Ion Ratio Lower Upper

75 100

155 0.0 53.4 160.2#

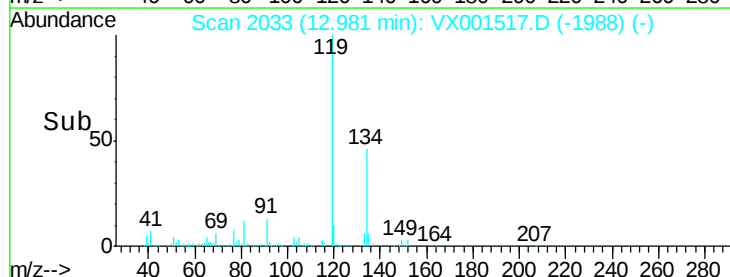
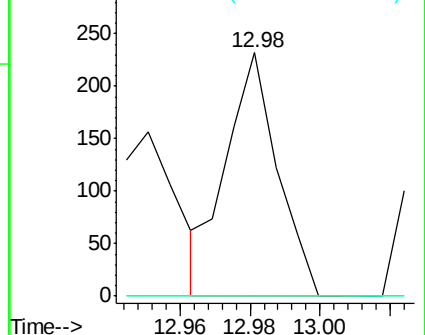
157 0.0 68.3 204.8#

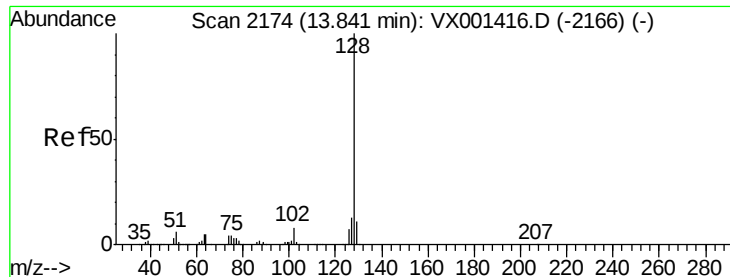


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 154.80 (154.50 to 155.50): V

Ion 156.80 (156.50 to 157.50): V





#95

Naphthalene

Concen: 2.13 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001517.D

Acq: 08 May 2018 16:40

Instrument :

MSVOA_X

ClientSampleId :

V23608-VB102

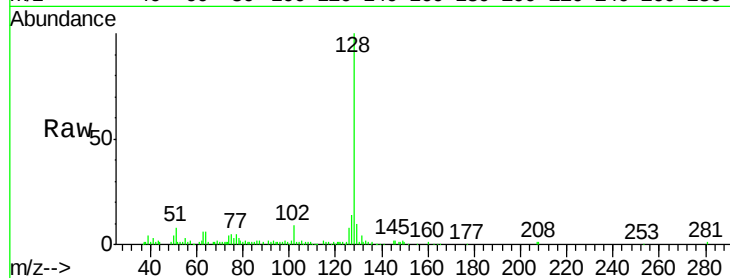
Tgt Ion:128 Resp: 26655

Ion Ratio Lower Upper

128 100

127 15.5 10.4 15.6

129 14.6 8.7 13.1#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

