

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
 Data File : VX003816.D
 Acq On : 02 Aug 2018 00:42
 Operator : JC/SP
 Sample : J4164-05RE
 Misc : 11.92G/5.0mL/MSVOA X/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Aug 02 06:00:14 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X073018S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 11:17:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	5401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	6302	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	3762	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	862	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	1679	30.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	61.48%	
35) Dibromofluoromethane	5.51	113	1582	42.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	85.26%	
50) Toluene-d8	8.72	98	5651	36.53	ug/l	0.00
Spiked Amount	50.000		Recovery	=	73.06%	
62) 4-Bromofluorobenzene	11.14	95	958	16.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	33.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.33	50	91	1.59	ug/l #	42
5) Bromomethane	1.66	94	198	4.07	ug/l	82
6) Chloroethane	1.64	64	1681	41.24	ug/l #	42
10) Methyl Iodide	2.52	142	350	5.94	ug/l #	83
15) Acrylonitrile	3.15	53	27	1.20	ug/l #	17
16) Acetone	2.45	43	132	6.33	ug/l #	41
20) Methylene Chloride	2.86	84	86	Below Cal	#	60
36) 1,1-Dichloropropene	5.67	75	370	6.27	ug/l #	41
38) Carbon Tetrachloride	5.67	117	477	8.74	ug/l #	12
51) 4-Methyl-2-Pentanone	8.65	43	50	1.13	ug/l #	35
59) 2-Hexanone	9.51	43	66	1.95	ug/l #	23
65) Chlorobenzene	10.14	112	140	1.78	ug/l #	43
67) Ethyl Benzene	10.26	91	156	1.18	ug/l #	43
68) m/p-Xylenes	10.36	106	63	1.21	ug/l #	1
73) Isopropylbenzene	11.02	105	176	3.26	ug/l #	48
76) 1,2,3-Trichloropropane	11.14	75	391	32.91	ug/l #	33
77) Bromobenzene	11.26	156	28	1.99	ug/l #	1
78) n-propylbenzene	11.37	91	230	3.52	ug/l #	52
79) 2-Chlorotoluene	11.42	91	164	4.42	ug/l #	40
80) 1,3,5-Trimethylbenzene	11.51	105	192	4.17	ug/l	80
81) trans-1,4-Dichloro-2-buten	11.14	75	391	97.48	ug/l #	11
82) 4-Chlorotoluene	11.52	91	199	4.42	ug/l #	44
83) tert-Butylbenzene	11.77	119	107	2.35	ug/l #	60
84) 1,2,4-Trimethylbenzene	11.81	105	202	4.26	ug/l	82
85) sec-Butylbenzene	11.95	105	213	3.65	ug/l #	56
86) p-Isopropyltoluene	12.07	119	184	3.47	ug/l #	38
87) 1,3-Dichlorobenzene	12.10	146	195	6.85	ug/l	91
88) 1,4-Dichlorobenzene	12.10	146	195	6.72	ug/l	92
89) n-Butylbenzene	12.39	91	240	4.76	ug/l #	52
91) 1,2-Dichlorobenzene	12.40	146	203	7.66	ug/l #	68
93) 1,2,4-Trichlorobenzene	13.65	180	123	5.85	ug/l #	71
94) Hexachlorobutadiene	13.79	225	46	3.42	ug/l #	19
95) Naphthalene	13.83	128	897	19.97	ug/l #	94
96) 1,2,3-Trichlorobenzene	14.02	180	150	7.86	ug/l #	86

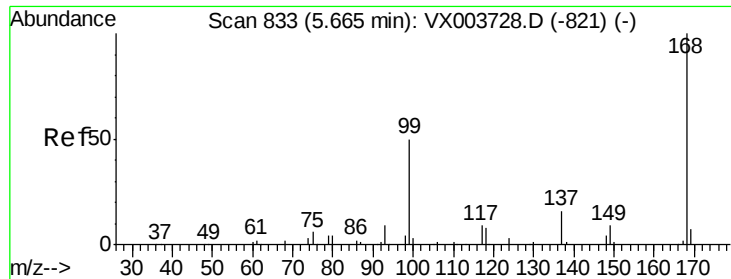
Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080118\
Data File : VX003816.D
Acq On : 02 Aug 2018 00:42
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Quant Title : SW846 8260
QLast Update : Tue Jul 31 11:17:41 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.00 min

Lab File: VX003816.D

Acq: 02 Aug 2018 00:42

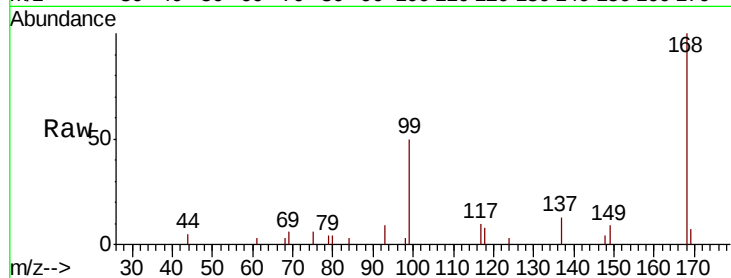
Instrument :
MSVOA_X
ClientSampleId :

Tot Ion:168 Resp: 5401

Ion Ratio Lower Upper

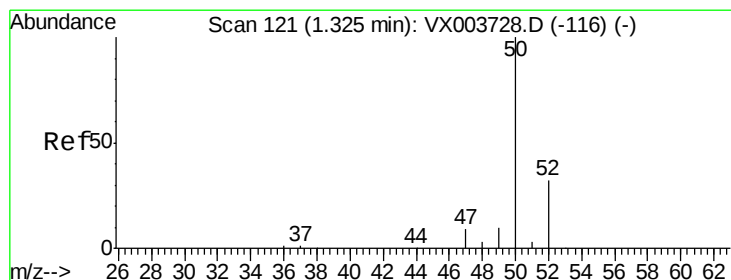
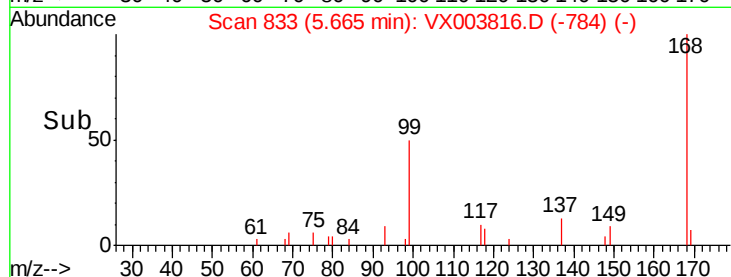
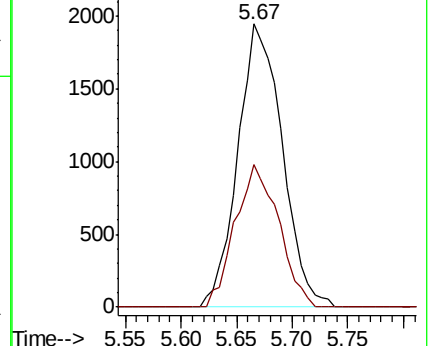
168 100

99 50.5 40.2 60.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 1.59 ug/l

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX003816.D

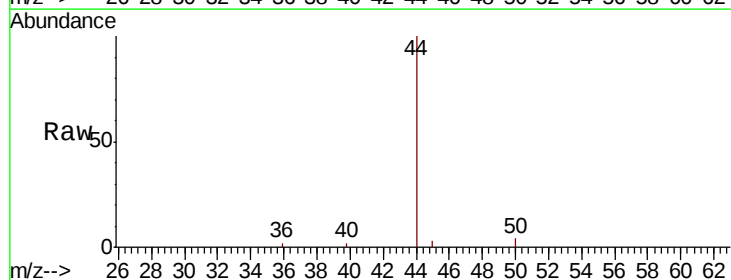
Acq: 02 Aug 2018 00:42

Tgt Ion: 50 Resp: 91

Ion Ratio Lower Upper

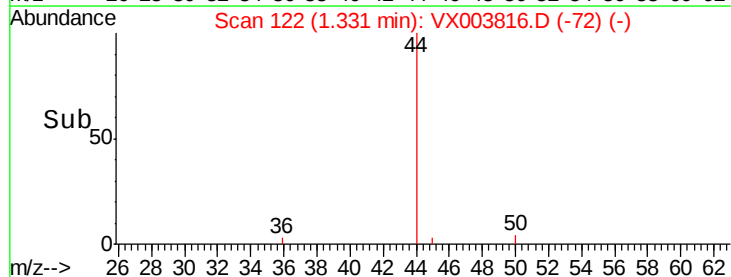
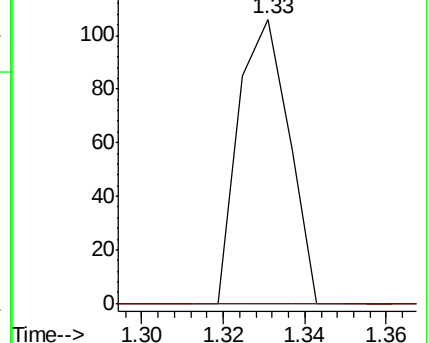
50 100

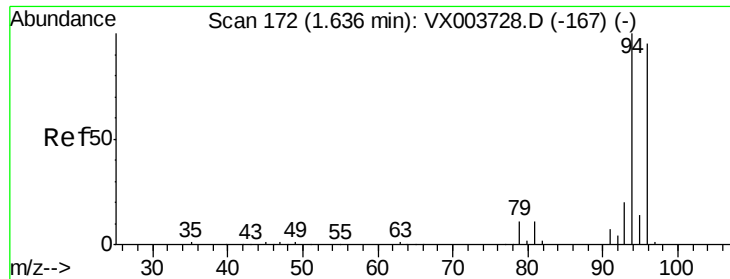
52 0.0 25.9 38.9#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#5

Bromomethane

Concen: 4.07 ug/l

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX003816.D

Acq: 02 Aug 2018 00:42

Instrument :

MSVOA_X

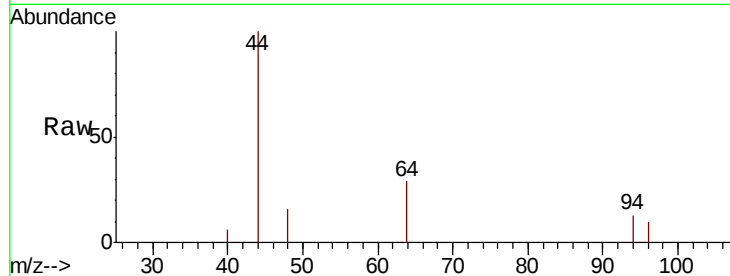
ClientSampleId :

Tot Ion: 94 Resp: 198

Ion Ratio Lower Upper

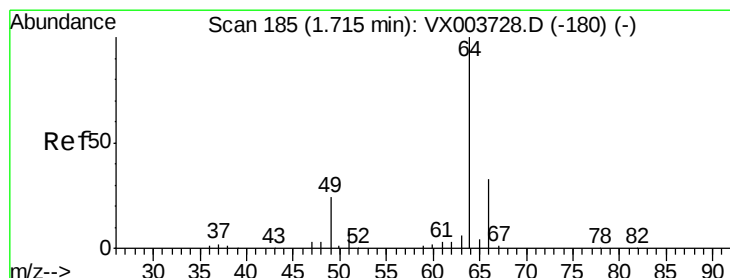
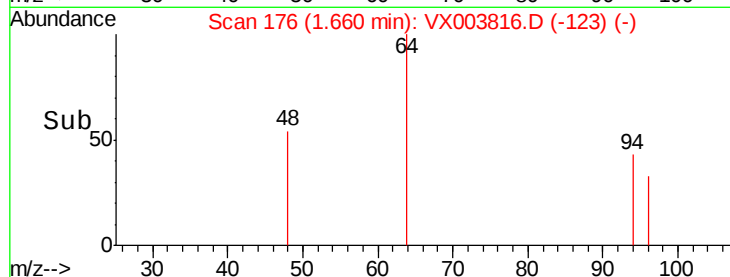
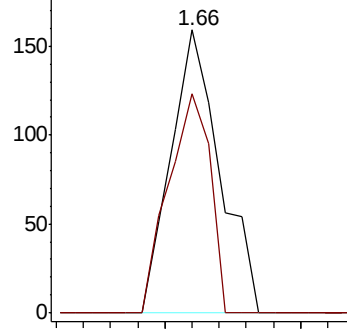
94 100

96 77.4 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: 41.24 ug/l

RT: 1.64 min Scan# 172

Delta R.T. -0.08 min

Lab File: VX003816.D

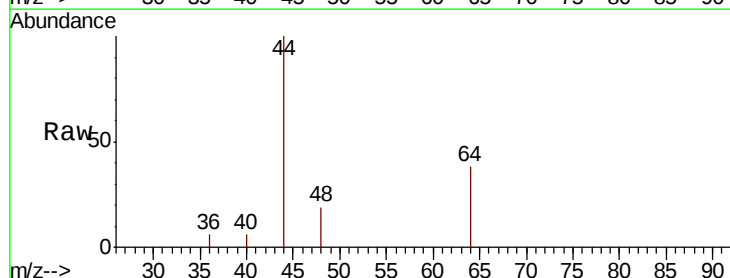
Acq: 02 Aug 2018 00:42

Tgt Ion: 64 Resp: 1681

Ion Ratio Lower Upper

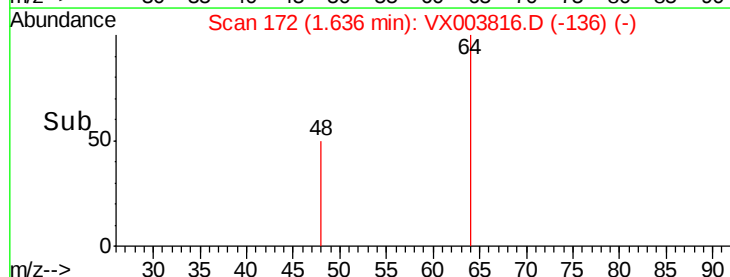
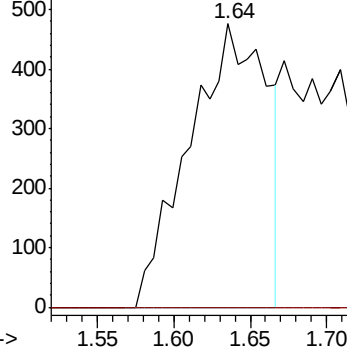
64 100

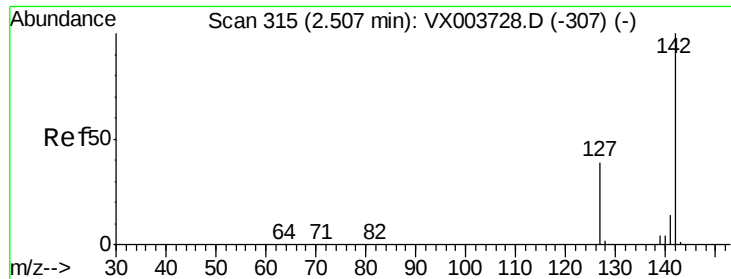
66 0.0 26.4 39.6#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

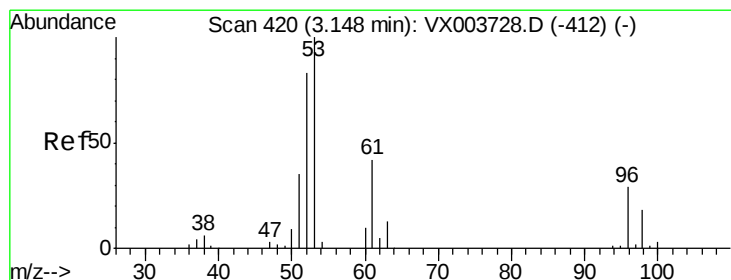
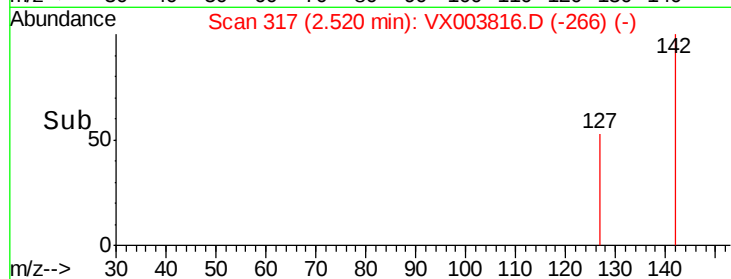
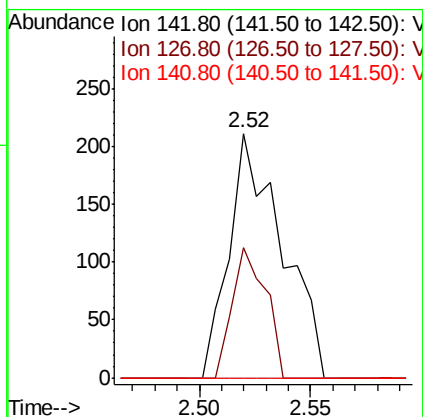
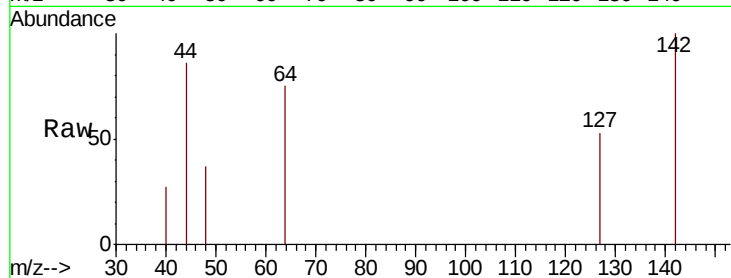




#10
Methvl Iodide
Concen: 5.94 ug/l
RT: 2.52 min Scan# 317
Delta R.T. 0.01 min
Lab File: VX003816.D
Acq: 02 Aug 2018 00:42

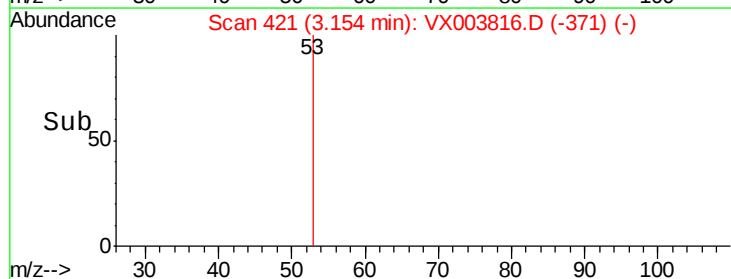
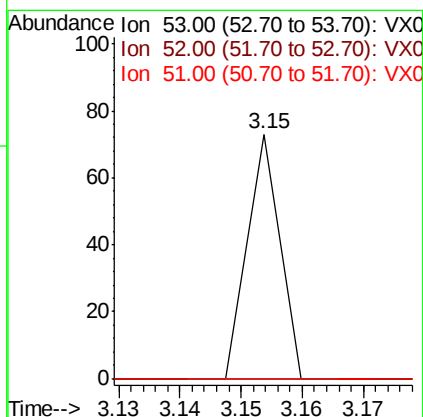
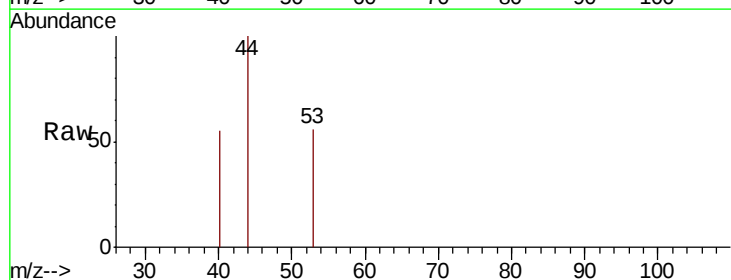
Instrument :
MSVOA_X
ClientSampled :

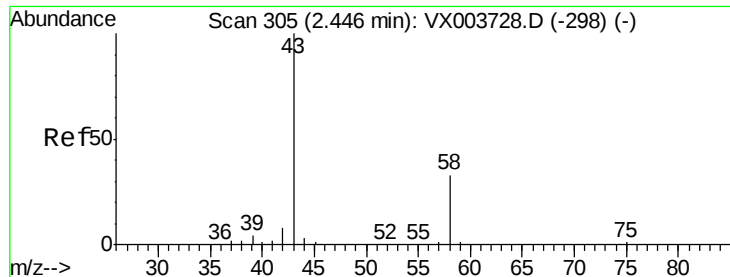
Tot Ion:142 Resp: 350
Ion Ratio Lower Upper
142 100
127 33.7 32.0 48.0
141 0.0 11.3 16.9#



#15
Acrylonitrile
Concen: 1.20 ug/l
RT: 3.15 min Scan# 421
Delta R.T. 0.01 min
Lab File: VX003816.D
Acq: 02 Aug 2018 00:42

Tgt Ion: 53 Resp: 27
Ion Ratio Lower Upper
53 100
52 0.0 66.2 99.2#
51 0.0 28.5 42.7#





#16

Acetone

Concen: 6.33 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.01 min

Lab File: VX003816.D

Acq: 02 Aug 2018 00:42

Instrument :

MSVOA_X

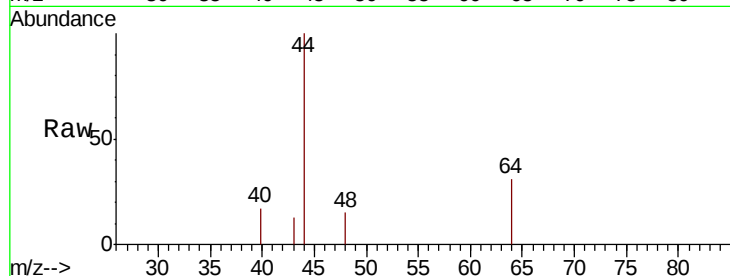
ClientSampleId :

Tot Ion: 43 Resp: 132

Ion Ratio Lower Upper

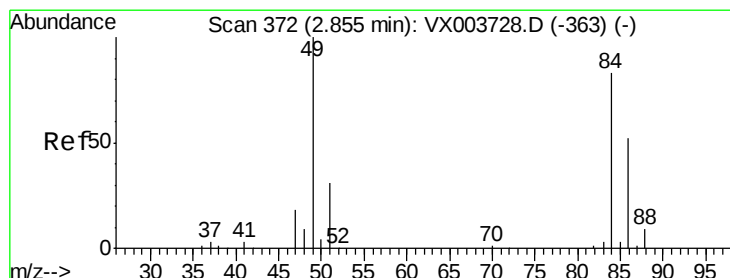
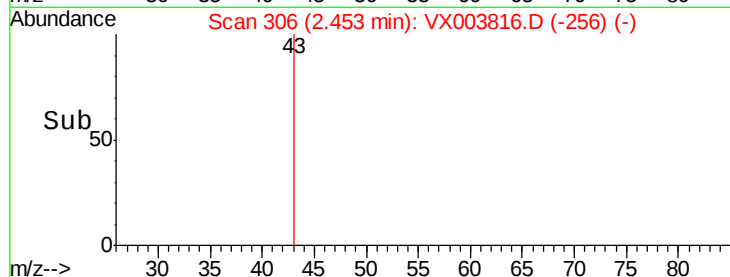
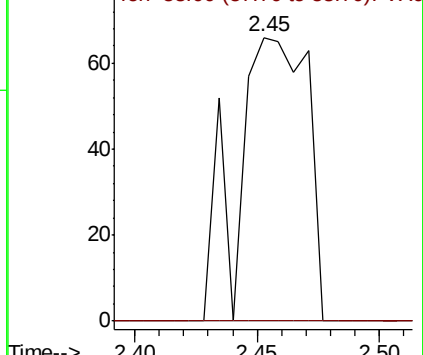
43 100

58 0.0 26.7 40.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#20

Methylene Chloride

Concen: Below Cal

RT: 2.86 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX003816.D

Acq: 02 Aug 2018 00:42

Tgt Ion: 84 Resp: 86

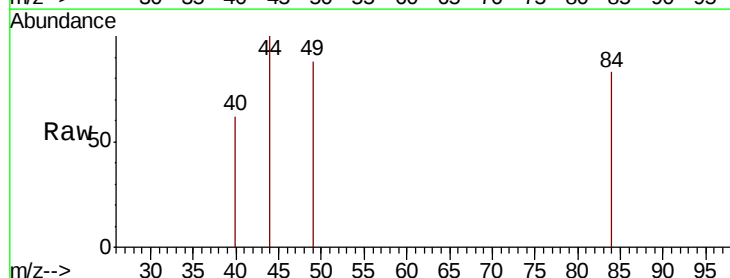
Ion Ratio Lower Upper

84 100

49 106.5 95.8 143.8

51 0.0 29.6 44.4#

86 0.0 50.0 75.0#

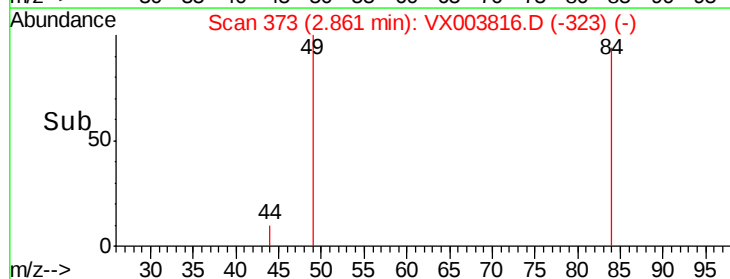
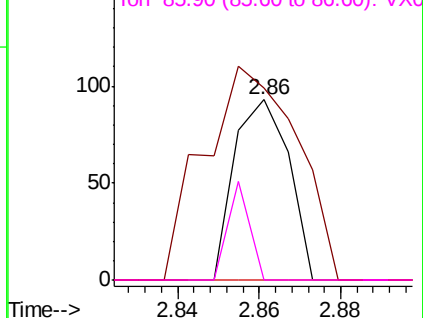


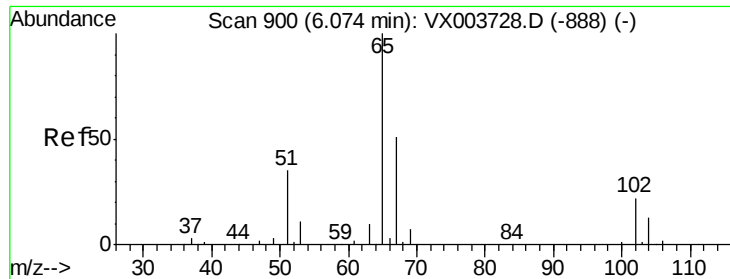
Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

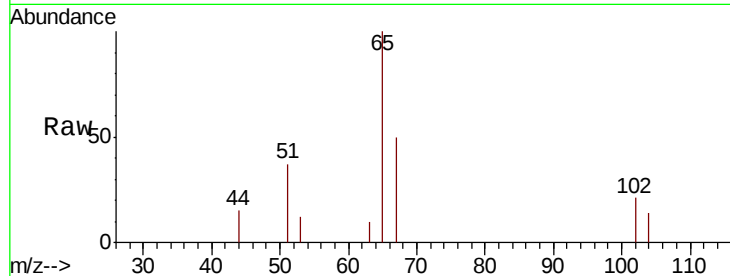




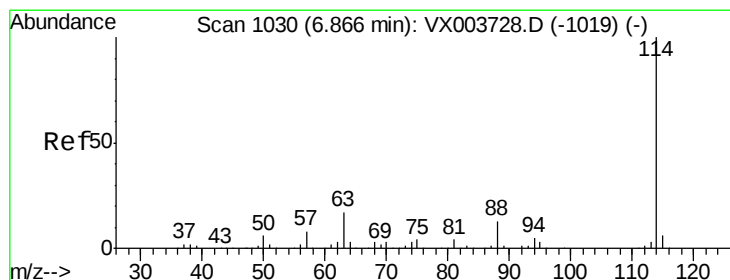
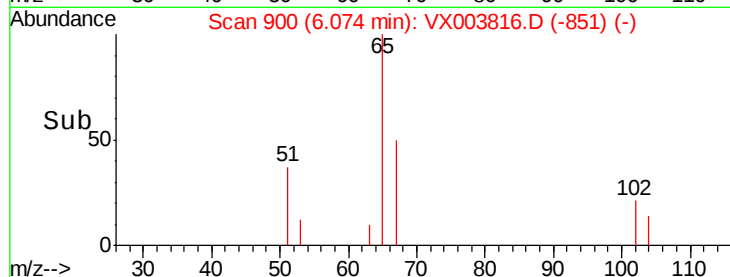
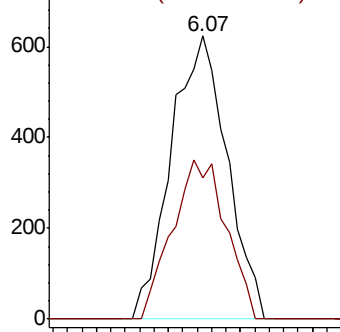
#33
 1,2-Dichloroethane-d4
 Concen: 30.74 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX003816.D
 Acq: 02 Aug 2018 00:42

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion: 65 Resp: 1679
 Ion Ratio Lower Upper
 65 100
 67 54.1 0.0 107.0

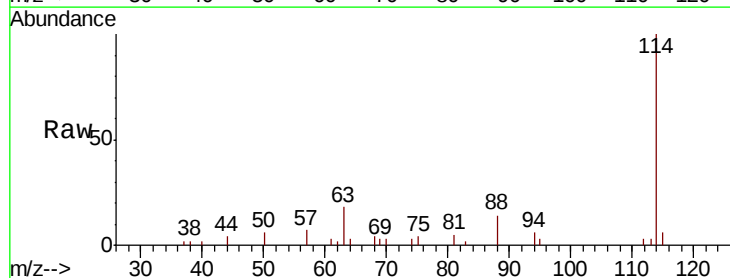


Abundance Ion 64.90 (64.60 to 65.60): VX0
 Ion 66.90 (66.60 to 67.60): VX0

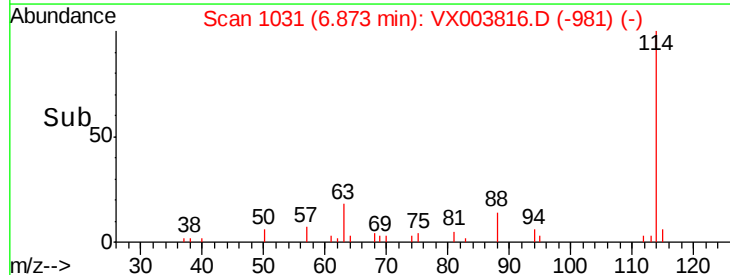
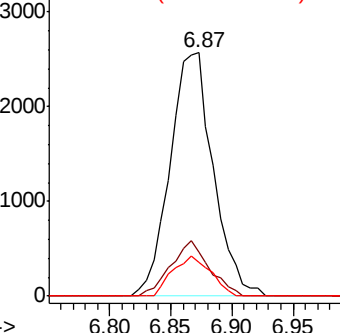


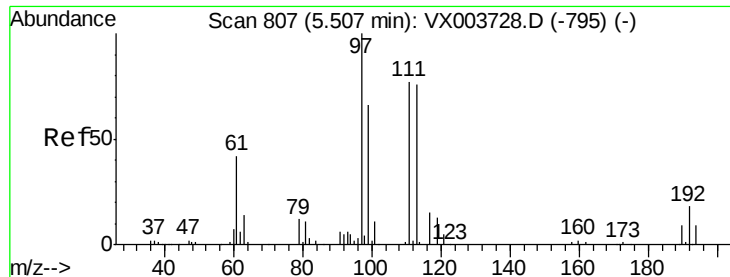
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. 0.01 min
 Lab File: VX003816.D
 Acq: 02 Aug 2018 00:42

Tgt Ion: 114 Resp: 6302
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 34.0
 88 13.8 0.0 26.4



Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 42.63 ug/l

RT: 5.51 min Scan# 807

Delta R.T. 0.00 min

Lab File: VX003816.D

Acq: 02 Aug 2018 00:42

Instrument :

MSVOA_X

ClientSampleId :

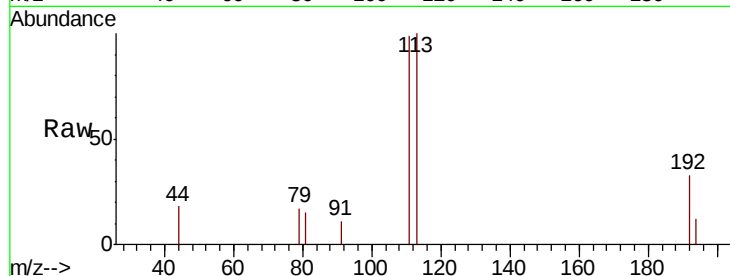
Tot Ion:113 Resp: 1582

Ion Ratio Lower Upper

113 100

111 106.4 81.8 122.6

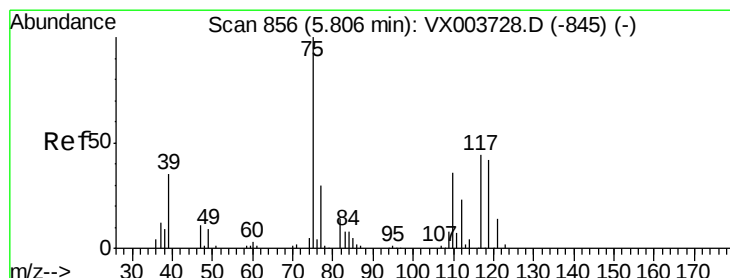
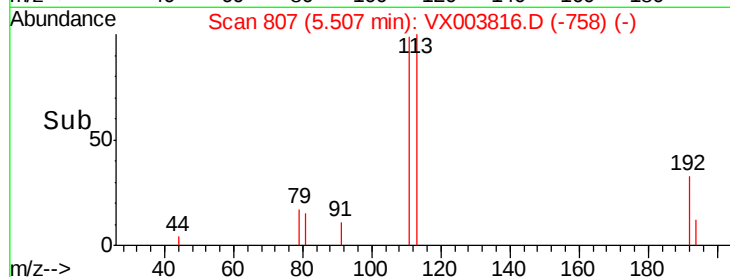
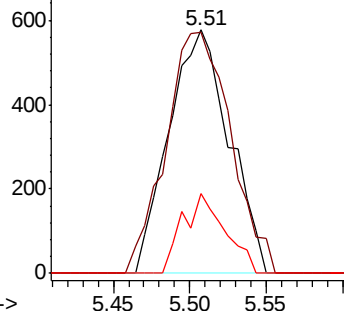
192 23.2 18.8 28.2



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: 6.27 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.13 min

Lab File: VX003816.D

Acq: 02 Aug 2018 00:42

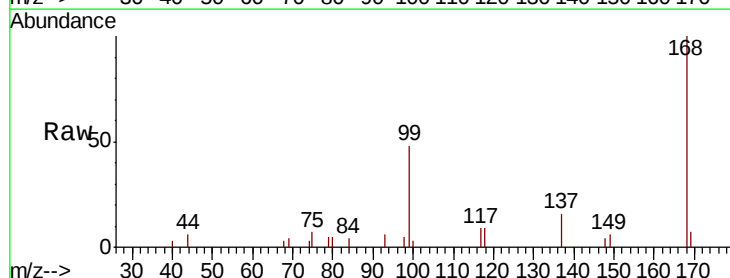
Tgt Ion: 75 Resp: 370

Ion Ratio Lower Upper

75 100

110 0.0 18.3 54.8#

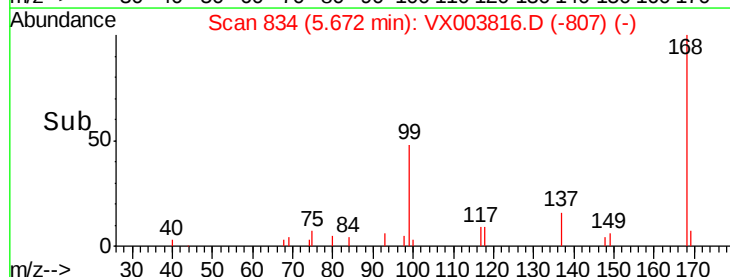
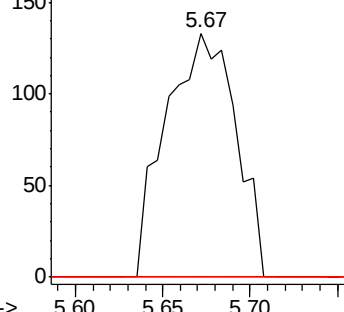
77 0.0 25.1 37.7#

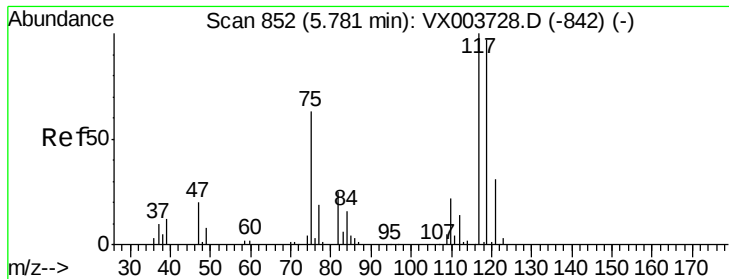


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 8.74 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX003816.D

Acq: 02 Aug 2018 00:42

Instrument :

MSVOA_X

ClientSampleId :

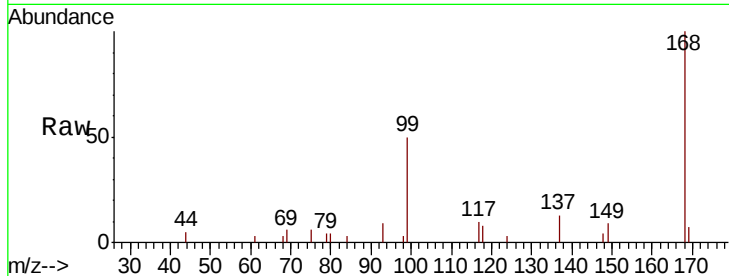
Tot Ion:117 Resp: 477

Ion Ratio Lower Upper

117 100

119 0.0 77.2 115.8#

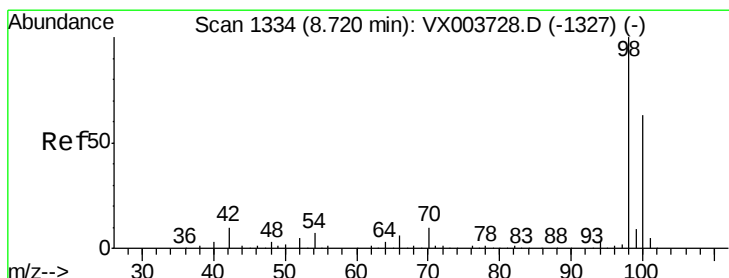
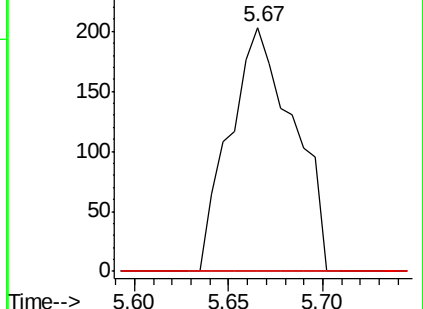
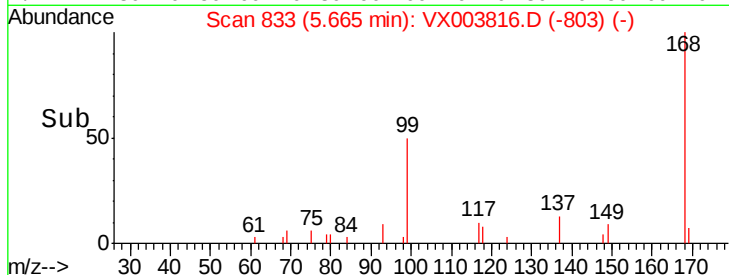
121 0.0 25.0 37.4#



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



#50

Toluene-d8

Concen: 36.53 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX003816.D

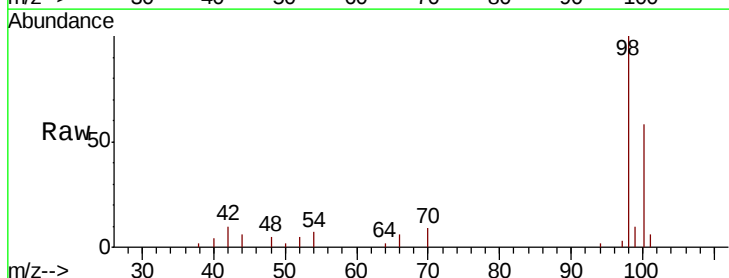
Acq: 02 Aug 2018 00:42

Tgt Ion: 98 Resp: 5651

Ion Ratio Lower Upper

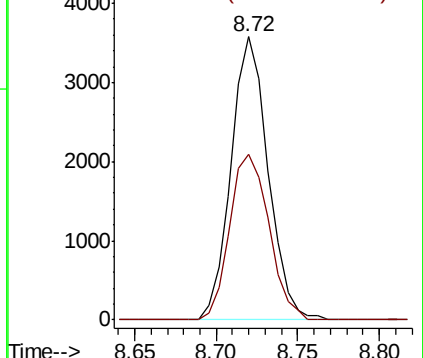
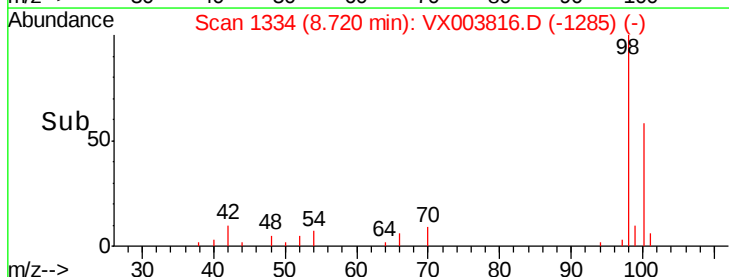
98 100

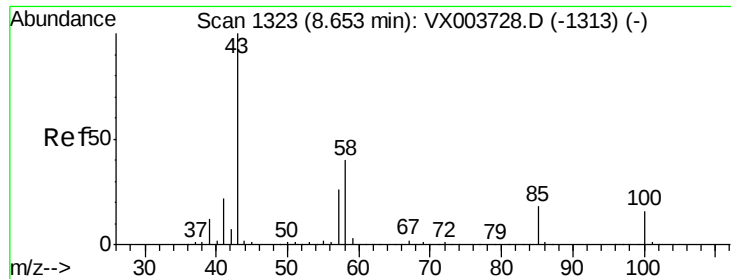
100 62.1 51.4 77.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#51

4-Methyl-2-Pentanone

Concen: 1.13 ug/l

RT: 8.65 min Scan# 1323

Delta R.T. 0.00 min

Lab File: VX003816.D

Acq: 02 Aug 2018 00:42

Instrument :

MSVOA_X

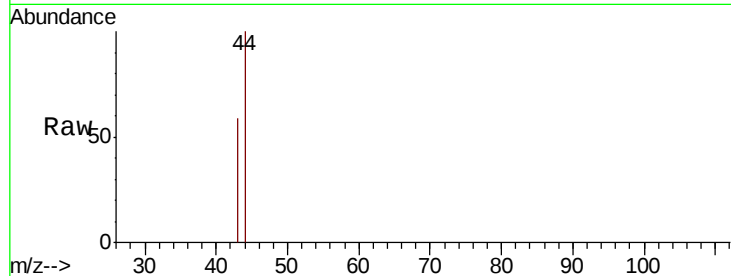
ClientSampled :

Tot Ion: 43 Resp: 50

Ion Ratio Lower Upper

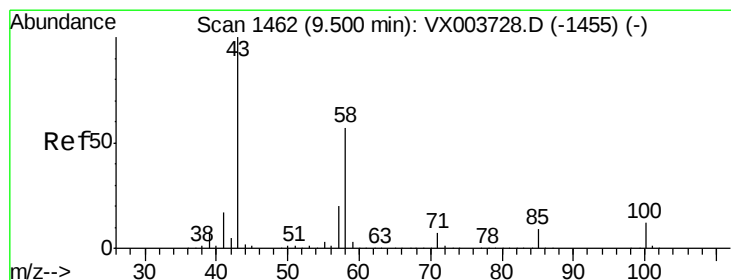
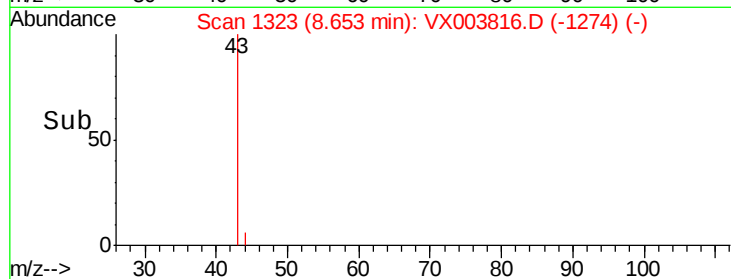
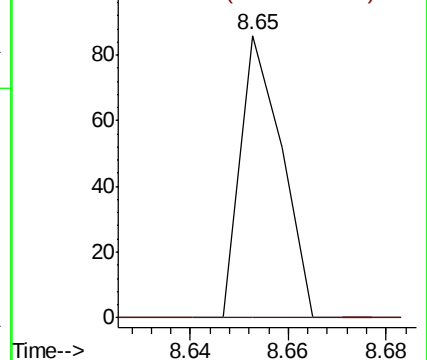
43 100

58 0.0 32.1 48.1#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#59

2-Hexanone

Concen: 1.95 ug/l

RT: 9.51 min Scan# 1463

Delta R.T. 0.01 min

Lab File: VX003816.D

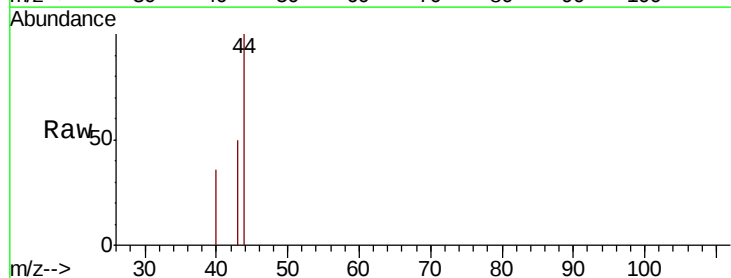
Acq: 02 Aug 2018 00:42

Tgt Ion: 43 Resp: 66

Ion Ratio Lower Upper

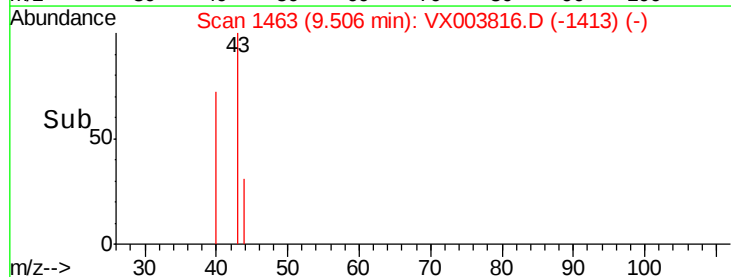
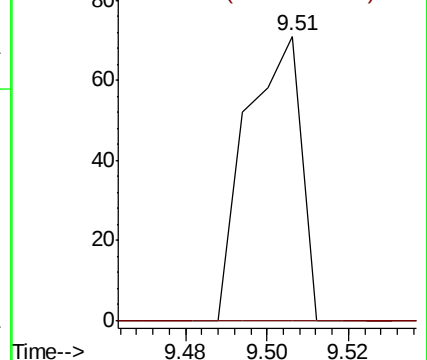
43 100

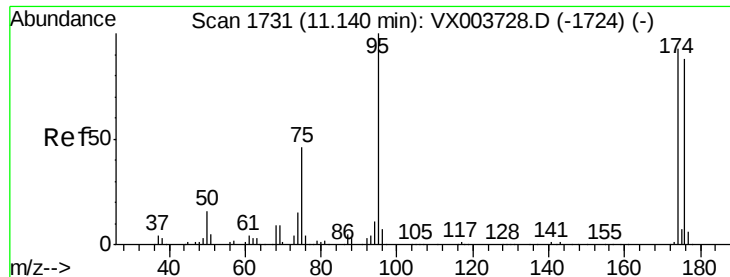
58 0.0 28.0 83.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 16.79 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX003816.D

Acq: 02 Aug 2018 00:42

Instrument :

MSVOA_X

ClientSampleId :

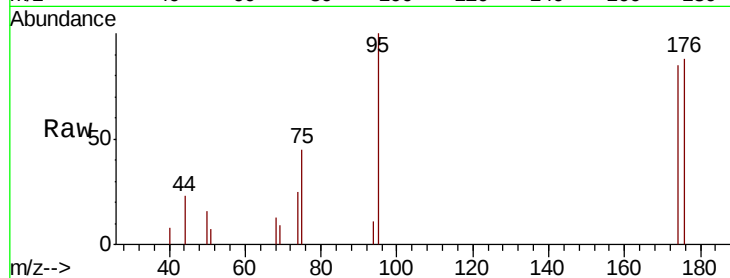
Tot Ion: 95 Resp: 958

Ion Ratio Lower Upper

95 100

174 93.7 0.0 186.2

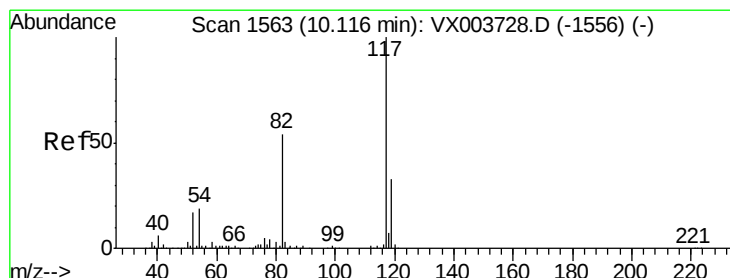
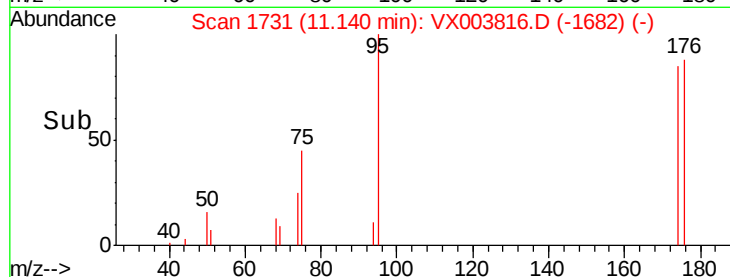
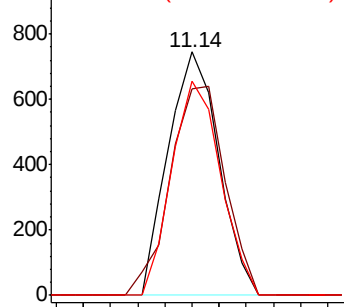
176 85.5 0.0 179.2



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX003816.D

Acq: 02 Aug 2018 00:42

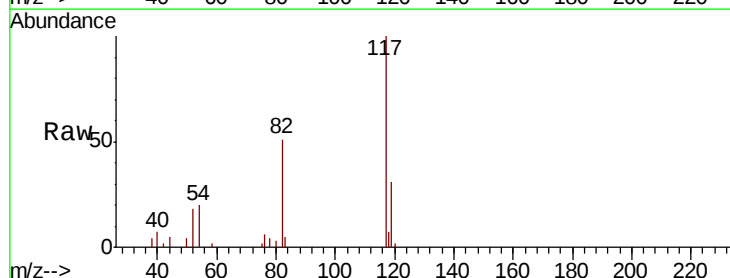
Tgt Ion: 117 Resp: 3762

Ion Ratio Lower Upper

117 100

82 51.1 43.2 64.8

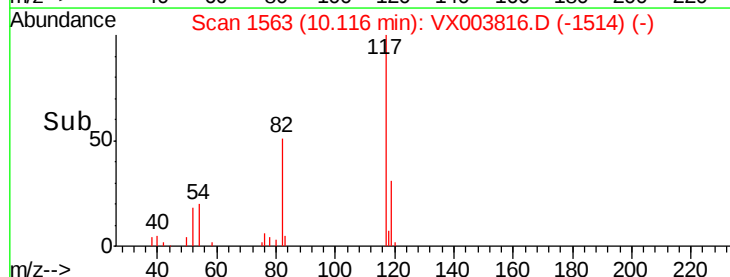
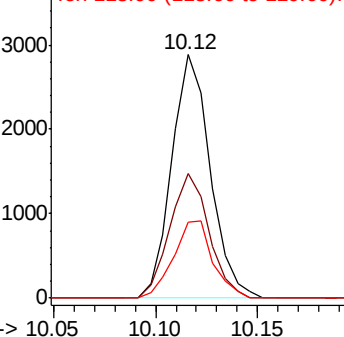
119 30.9 26.3 39.5

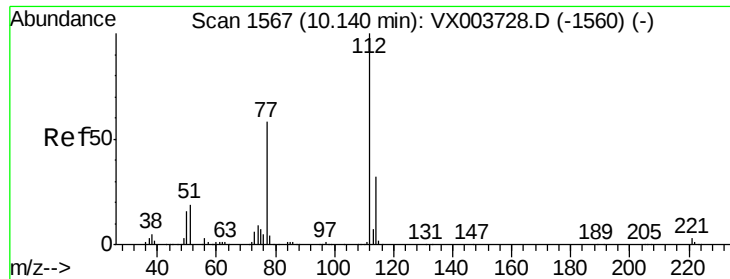


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#65

Chlorobenzene

Concen: 1.78 ug/l

RT: 10.14 min Scan# 1567

Delta R.T. 0.00 min

Lab File: VX003816.D

Acq: 02 Aug 2018 00:42

Instrument :

MSVOA_X

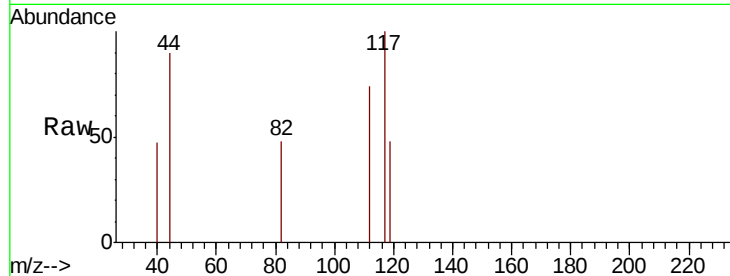
ClientSampled :

Tot Ion:112 Resp: 140

Ion Ratio Lower Upper

112 100

114 0.0 25.7 38.5#



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V

10.14

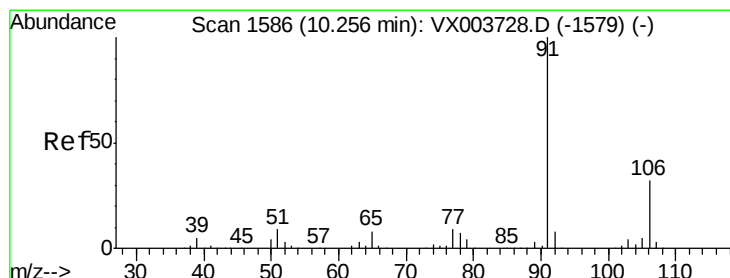
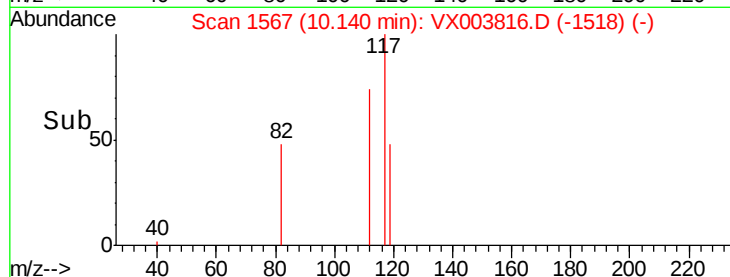
100

50

0

Time-->

10.12 10.14 10.16



#67

Ethyl Benzene

Concen: 1.18 ug/l

RT: 10.26 min Scan# 1586

Delta R.T. 0.00 min

Lab File: VX003816.D

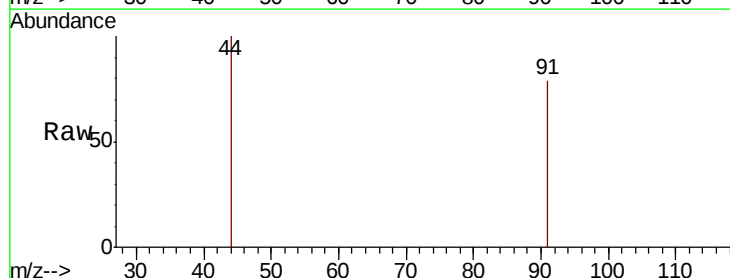
Acq: 02 Aug 2018 00:42

Tgt Ion: 91 Resp: 156

Ion Ratio Lower Upper

91 100

106 0.0 25.4 38.2#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 106.00 (105.70 to 106.70): V

10.26

150

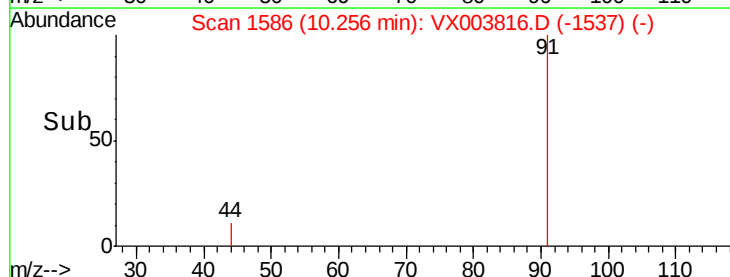
100

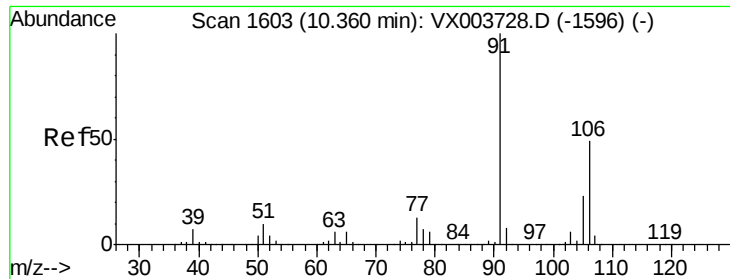
50

0

Time-->

10.22 10.24 10.26 10.28

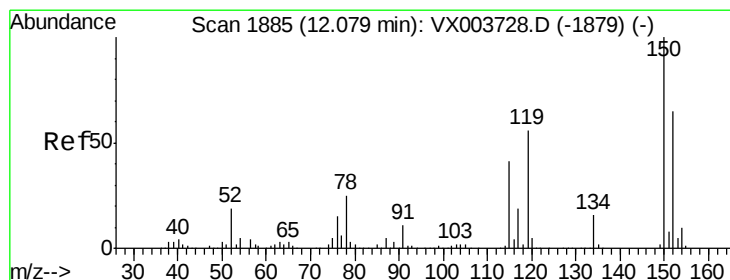
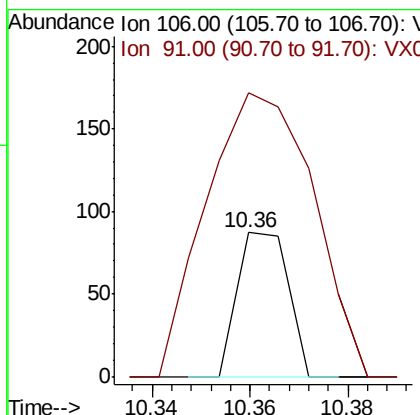
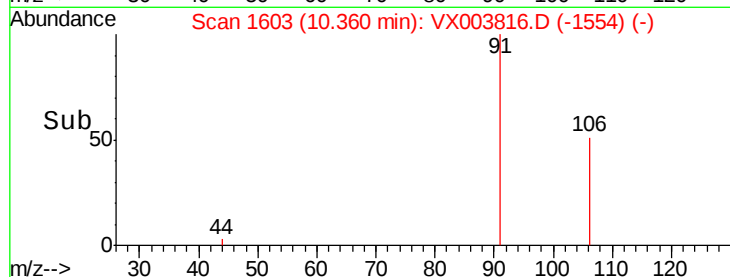
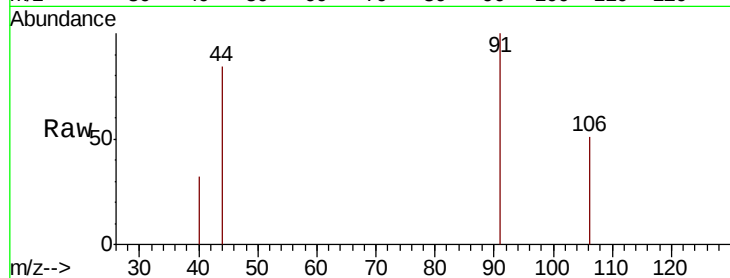




#68
m/p-Xvlenes
Concen: 1.21 ug/l
RT: 10.36 min Scan# 1603
Delta R.T. 0.00 min
Lab File: VX003816.D
Acq: 02 Aug 2018 00:42

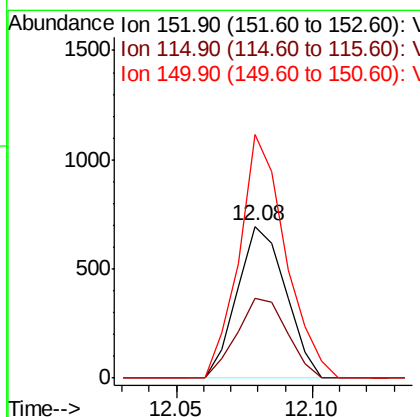
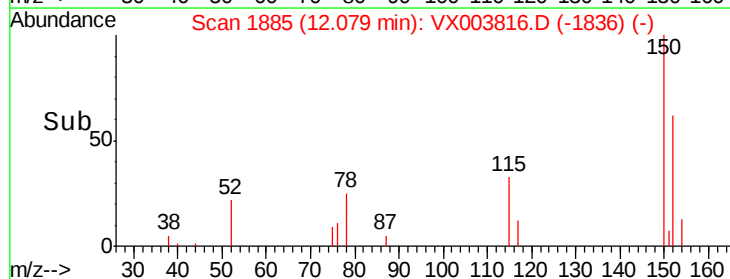
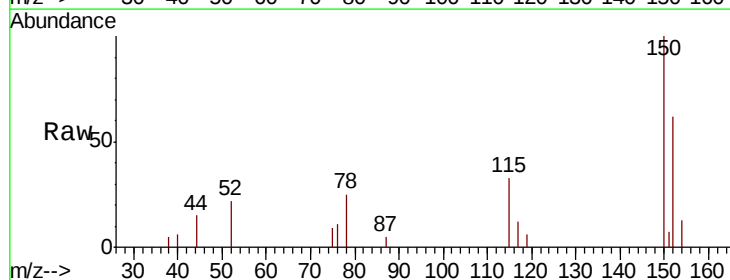
Instrument :
MSVOA_X
ClientSampleId :

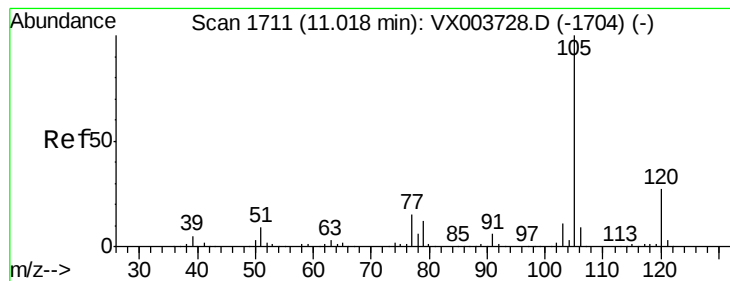
Tot Ion:106 Resp: 63
Ion Ratio Lower Upper
106 100
91 414.3 159.8 239.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1885
Delta R.T. 0.00 min
Lab File: VX003816.D
Acq: 02 Aug 2018 00:42

Tgt Ion:152 Resp: 862
Ion Ratio Lower Upper
152 100
115 54.6 38.5 115.3
150 152.6 0.0 346.2





#73

Isopropylbenzene

Concen: 3.26 ug/l

RT: 11.02 min Scan# 1712

Delta R.T. 0.01 min

Lab File: VX003816.D

Acq: 02 Aug 2018 00:42

Instrument :

MSVOA_X

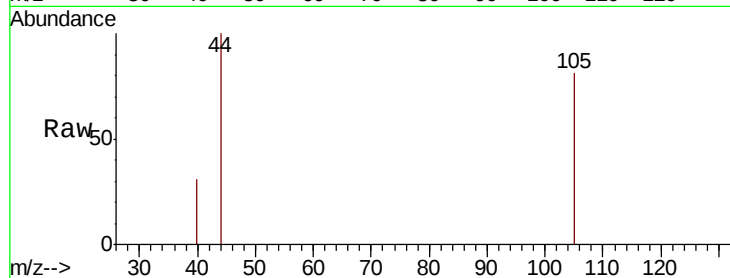
ClientSampled :

Tot Ion: 105 Resp: 176

Ion Ratio Lower Upper

105 100

120 0.0 13.5 40.5#



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V

11.02

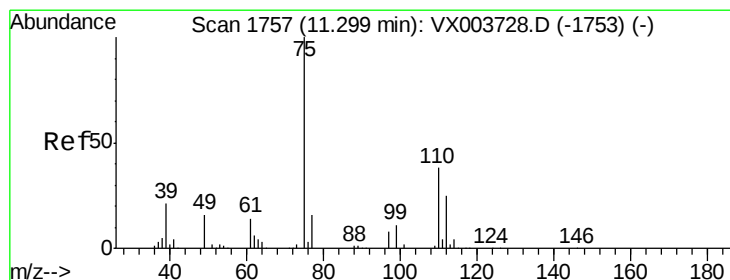
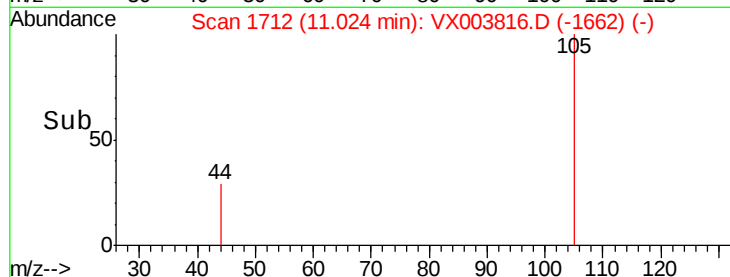
150

100

50

0

Time--> 10.98 11.00 11.02 11.04



#76

1,2,3-Trichloropropane

Concen: 32.91 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX003816.D

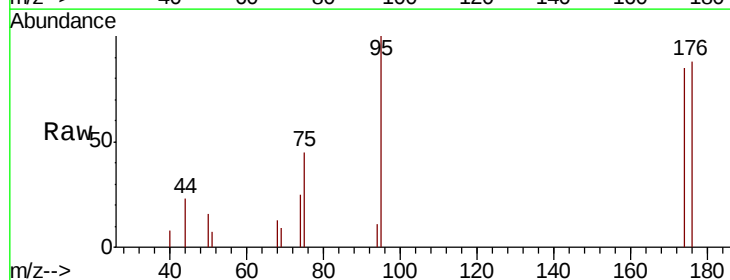
Acq: 02 Aug 2018 00:42

Tgt Ion: 75 Resp: 391

Ion Ratio Lower Upper

75 100

77 0.0 21.6 65.0#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0

11.14

400

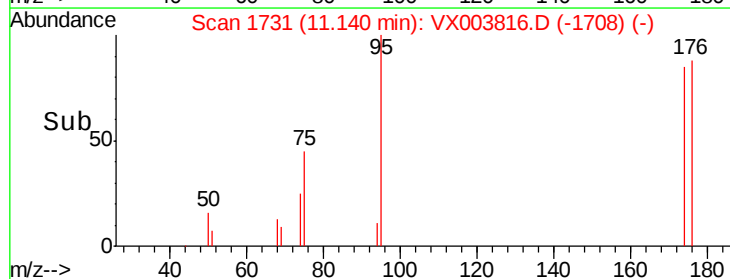
300

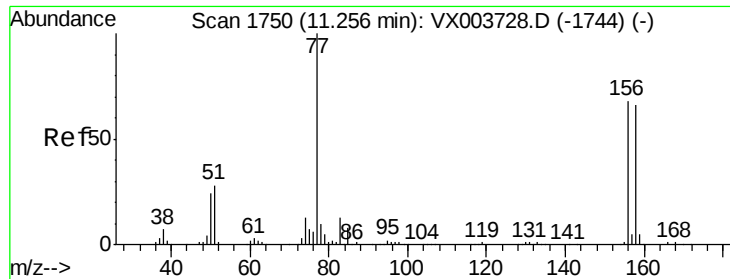
200

100

0

Time--> 11.10 11.15





#77

Bromobenzene

Concen: 1.99 ug/l

RT: 11.26 min Scan# 1750

Delta R.T. 0.00 min

Lab File: VX003816.D

Acq: 02 Aug 2018 00:42

Instrument :

MSVOA_X

ClientSampleId :

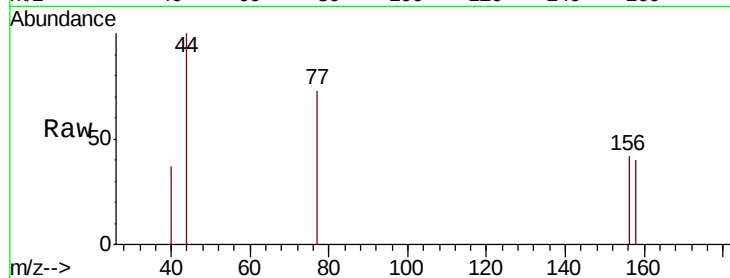
Tot Ion:156 Resp: 28

Ion Ratio Lower Upper

156 100

77 425.0 71.8 215.3#

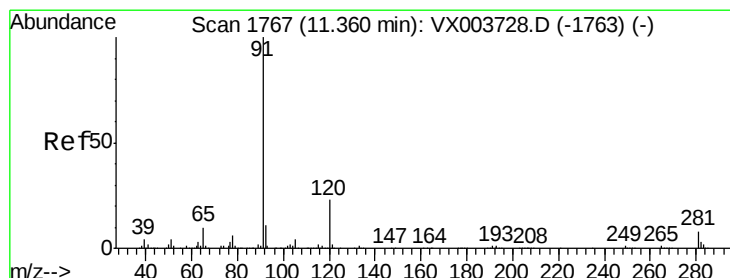
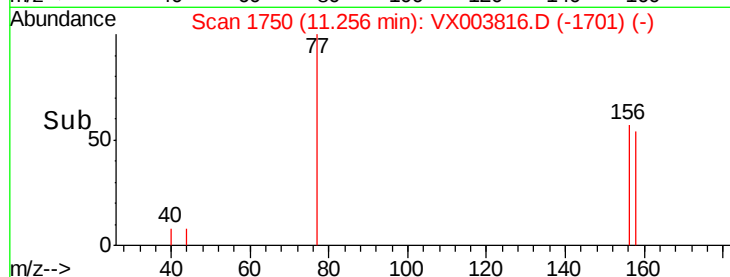
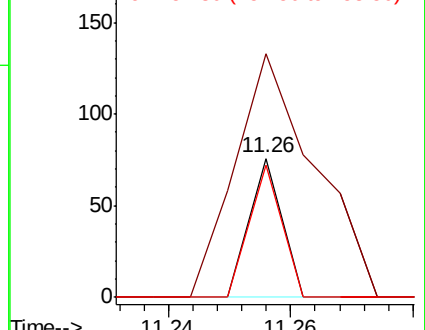
158 92.9 48.8 146.4



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: 3.52 ug/l

RT: 11.37 min Scan# 1768

Delta R.T. 0.01 min

Lab File: VX003816.D

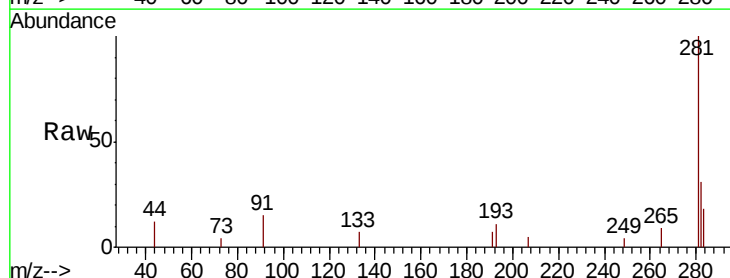
Acq: 02 Aug 2018 00:42

Tgt Ion: 91 Resp: 230

Ion Ratio Lower Upper

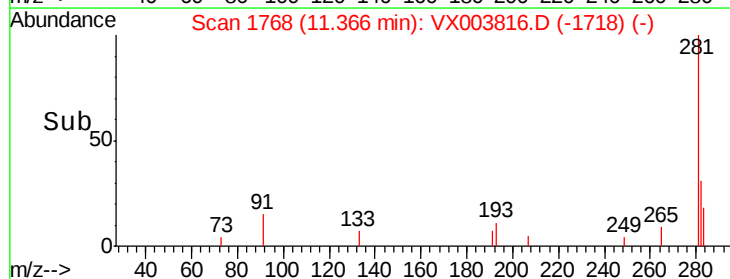
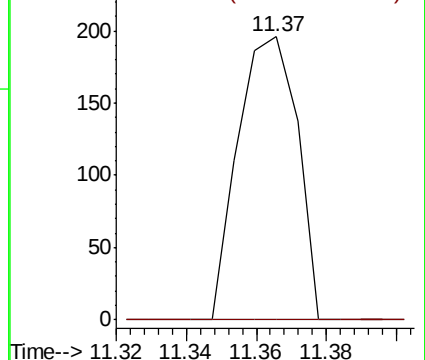
91 100

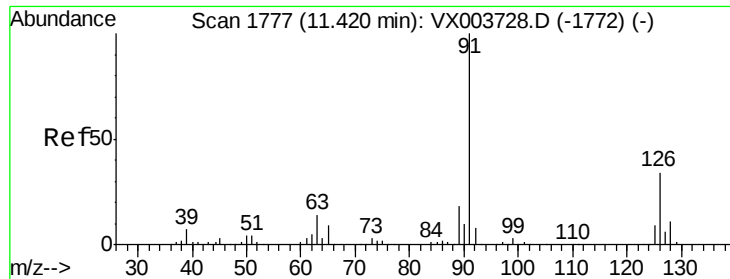
120 0.0 11.9 35.5#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

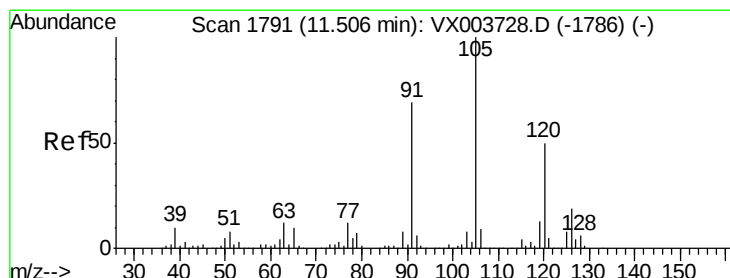
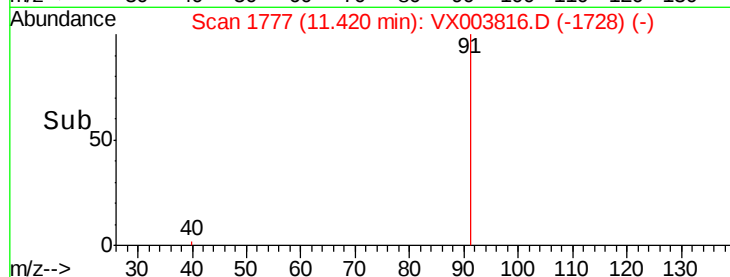
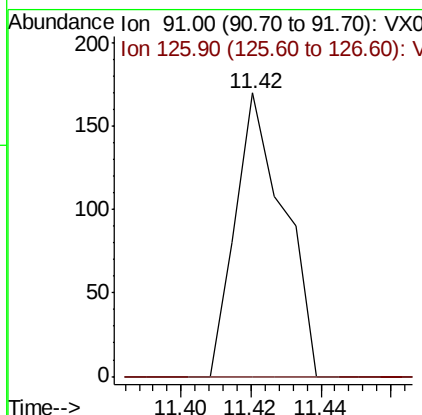
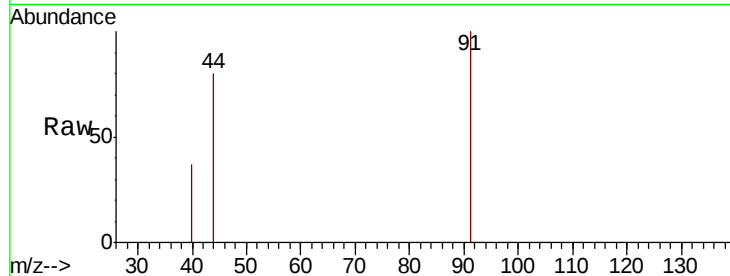




#79
 2-Chlorotoluene
 Concen: 4.42 ug/l
 RT: 11.42 min Scan# 1777
 Delta R.T. 0.00 min
 Lab File: VX003816.D
 Acq: 02 Aug 2018 00:42

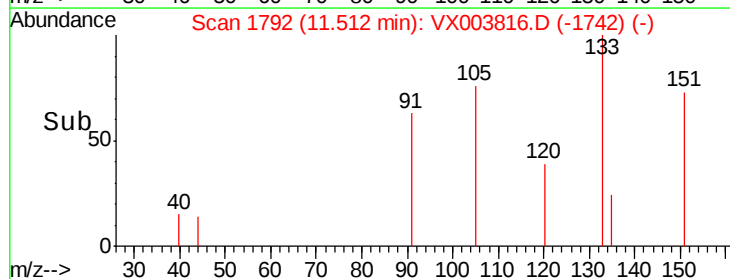
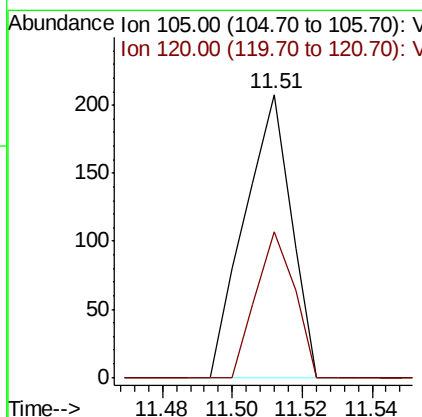
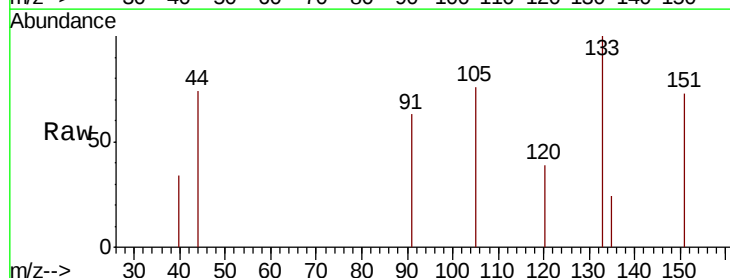
Instrument :
 MSVOA_X
 ClientSampleId :

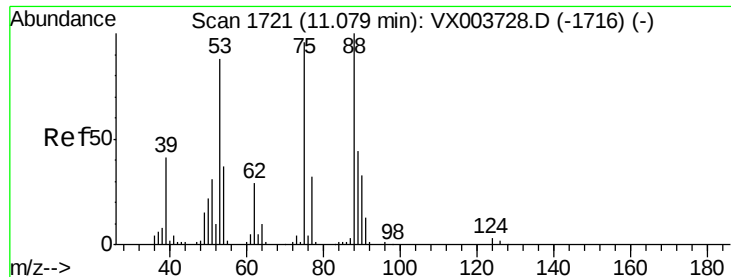
Tot Ion: 91 Resp: 164
 Ion Ratio Lower Upper
 91 100
 126 0.0 17.6 52.8#



#80
 1,3,5-Trimethylbenzene
 Concen: 4.17 ug/l
 RT: 11.51 min Scan# 1792
 Delta R.T. 0.01 min
 Lab File: VX003816.D
 Acq: 02 Aug 2018 00:42

Tgt Ion:105 Resp: 192
 Ion Ratio Lower Upper
 105 100
 120 42.7 15.8 47.4

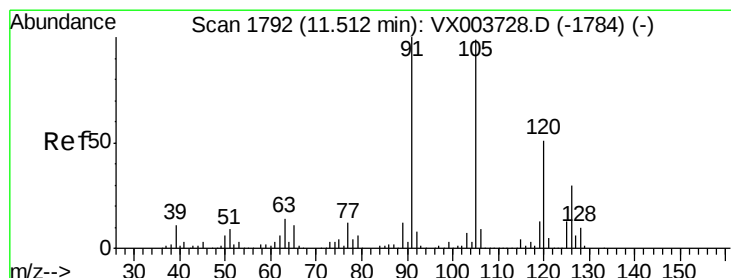
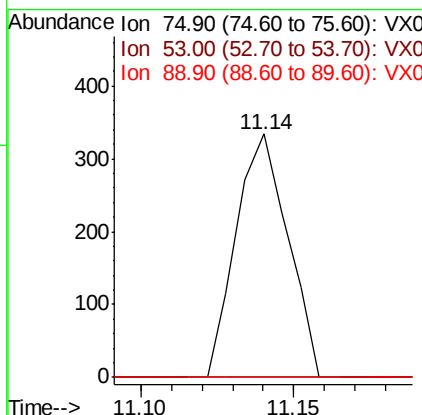
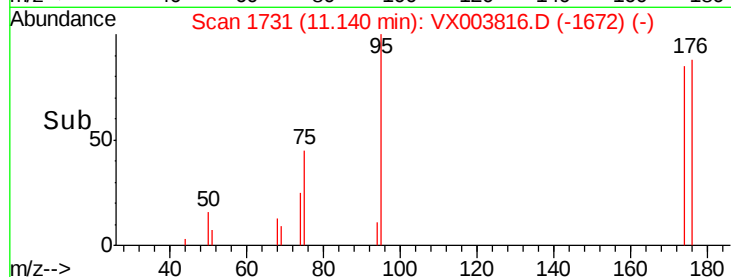
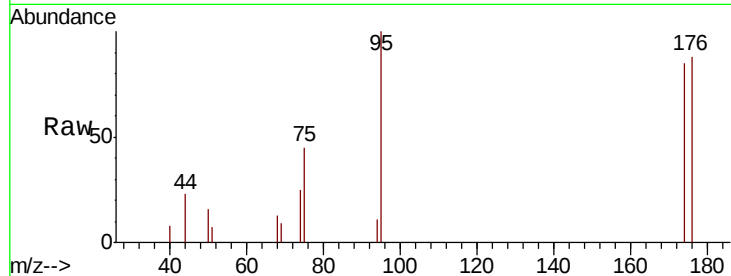




#81
trans-1,4-Dichloro-2-butene
Concen: 97.48 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.06 min
Lab File: VX003816.D
Acq: 02 Aug 2018 00:42

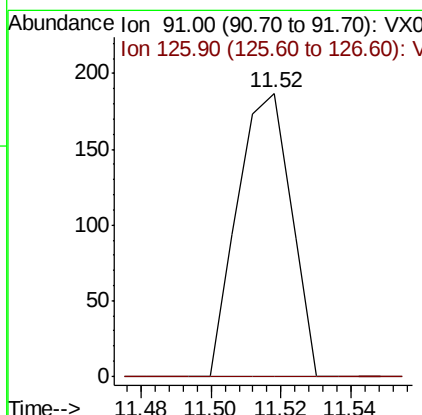
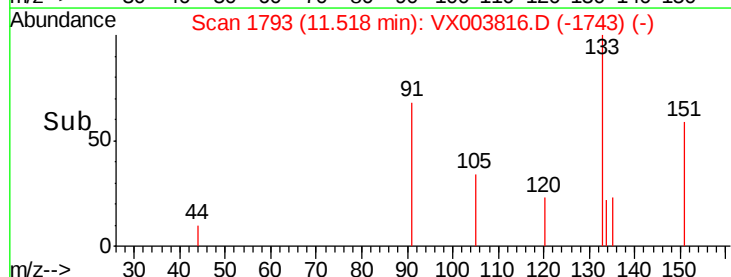
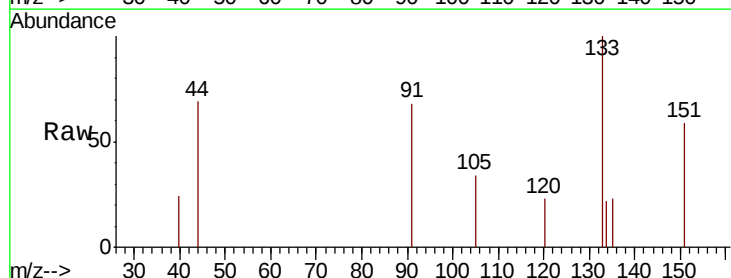
Instrument :
MSVOA_X
ClientSampleId :

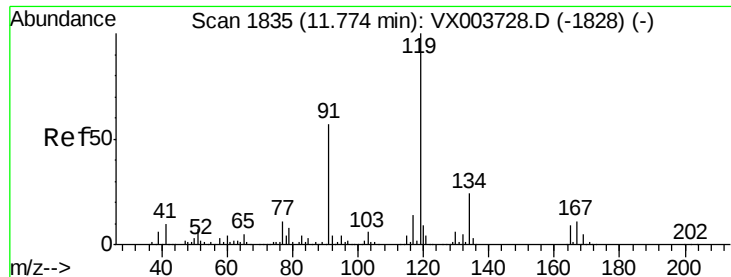
Tot Ion: 75 Resp: 391
Ion Ratio Lower Upper
75 100
53 0.0 75.8 113.8#
89 0.0 39.1 58.7#



#82
4-Chlorotoluene
Concen: 4.42 ug/l
RT: 11.52 min Scan# 1793
Delta R.T. 0.01 min
Lab File: VX003816.D
Acq: 02 Aug 2018 00:42

Tgt Ion: 91 Resp: 199
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.7#

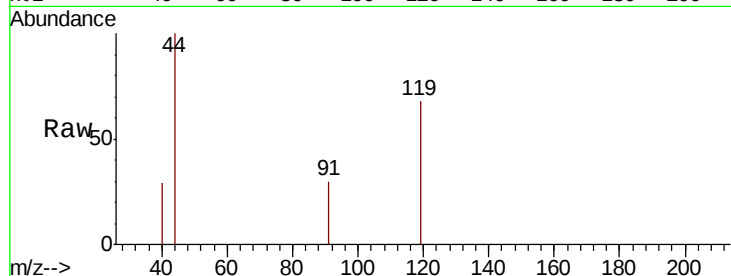




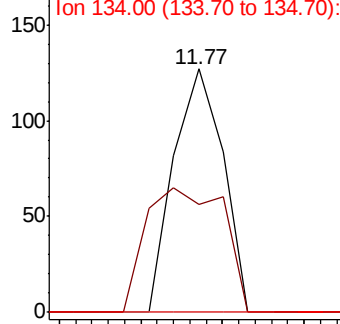
#83
 tert-Butylbenzene
 Concen: 2.35 ug/l
 RT: 11.77 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX003816.D
 Acq: 02 Aug 2018 00:42

Instrument :
 MSVOA_X
 ClientSampled :

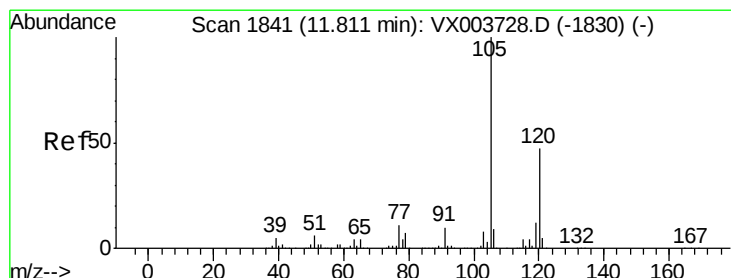
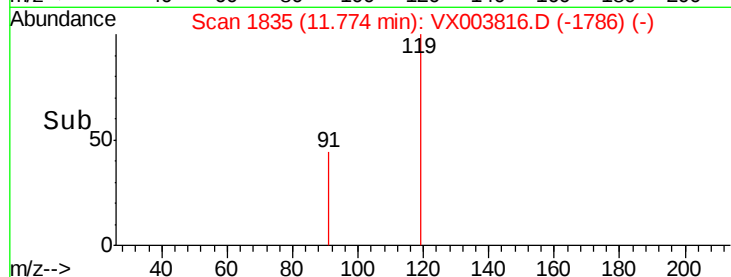
Tot Ion:119 Resp: 107
 Ion Ratio Lower Upper
 119 100
 91 80.4 27.2 81.6
 134 0.0 11.6 34.8#



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

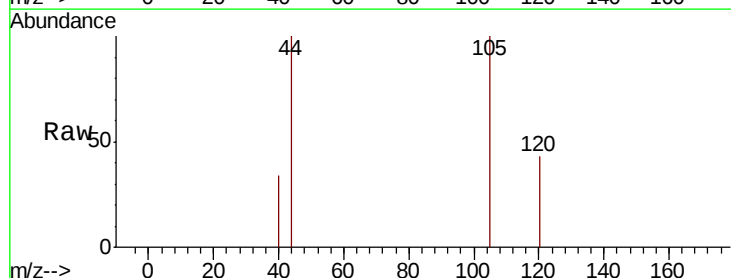


Time--> 11.74 11.76 11.78 11.80

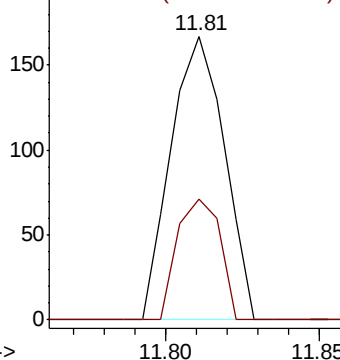


#84
 1,2,4-Trimethylbenzene
 Concen: 4.26 ug/l
 RT: 11.81 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: VX003816.D
 Acq: 02 Aug 2018 00:42

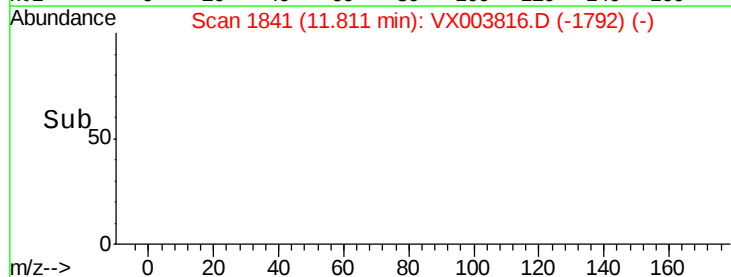
Tgt Ion:105 Resp: 202
 Ion Ratio Lower Upper
 105 100
 120 34.2 23.1 69.2

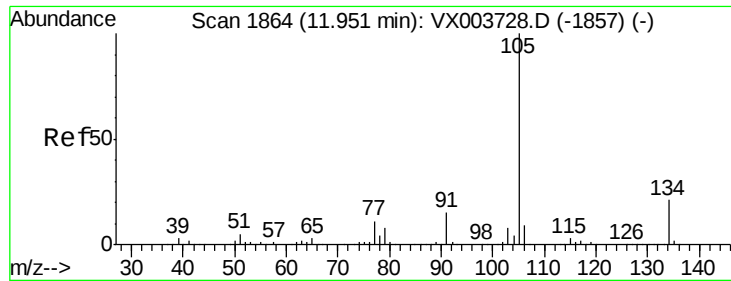


Abundance Ion 105.00 (104.70 to 105.70): V
 Ion 120.00 (119.70 to 120.70): V



Time--> 11.80 11.85

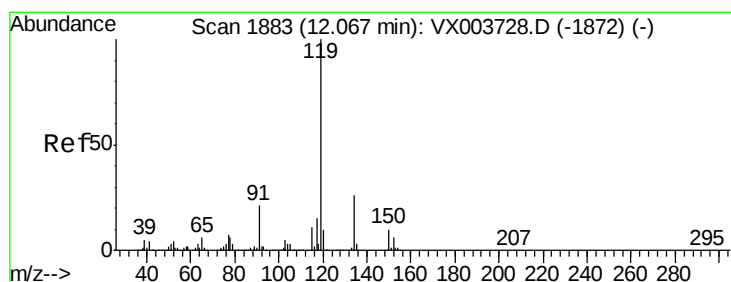
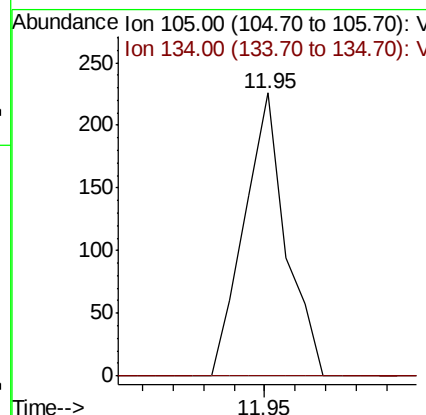
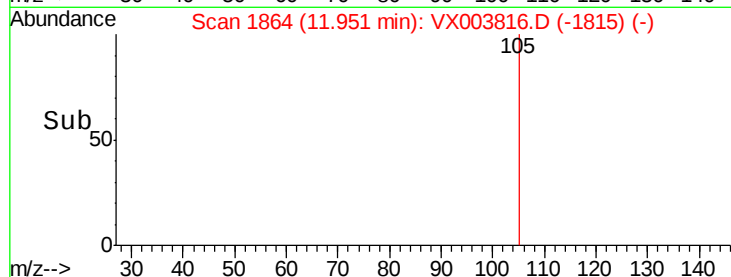
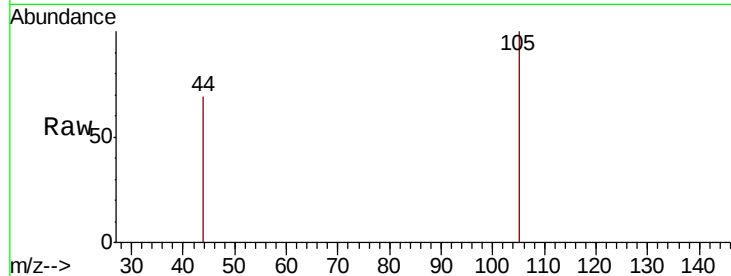




#85
 sec-Butylbenzene
 Concen: 3.65 ug/l
 RT: 11.95 min Scan# 1864
 Delta R.T. 0.00 min
 Lab File: VX003816.D
 Acq: 02 Aug 2018 00:42

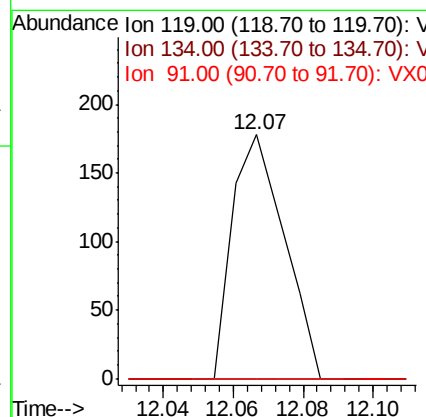
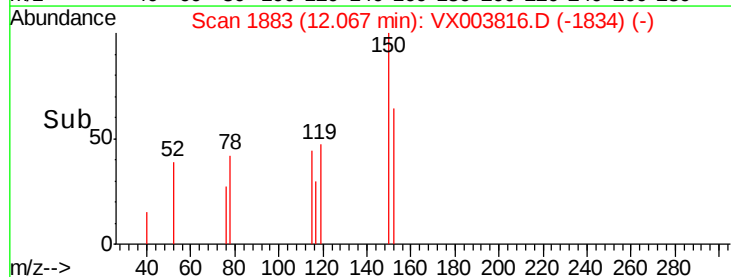
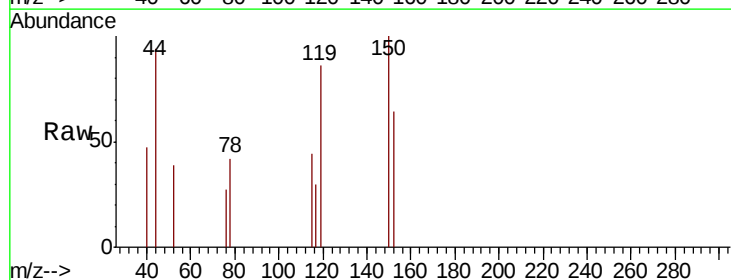
Instrument :
 MSVOA_X
 ClientSampled :

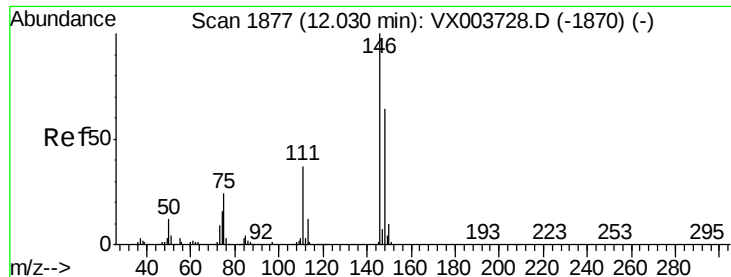
Tot Ion:105 Resp: 213
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.3 30.8#



#86
 p-Isopropyltoluene
 Concen: 3.47 ug/l
 RT: 12.07 min Scan# 1883
 Delta R.T. 0.00 min
 Lab File: VX003816.D
 Acq: 02 Aug 2018 00:42

Tgt Ion:119 Resp: 184
 Ion Ratio Lower Upper
 119 100
 134 0.0 10.1 30.1#
 91 0.0 23.6 70.8#





#87

1,3-Dichlorobenzene

Concen: 6.85 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. 0.07 min

Lab File: VX003816.D

Acq: 02 Aug 2018 00:42

Instrument :

MSVOA_X

ClientSampleId :

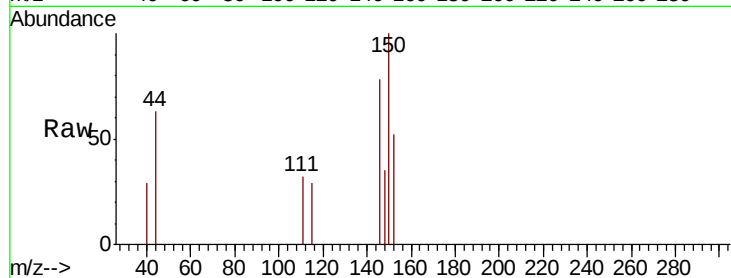
Tot Ion:146 Resp: 195

Ion Ratio Lower Upper

146 100

111 24.6 18.8 56.3

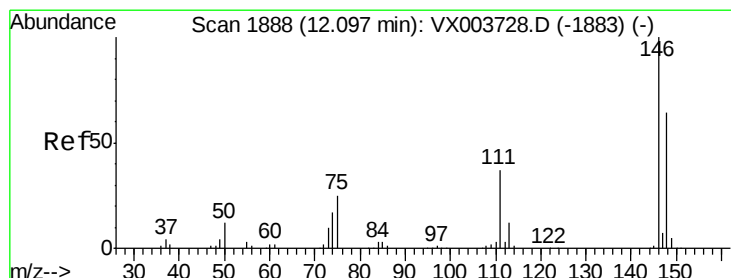
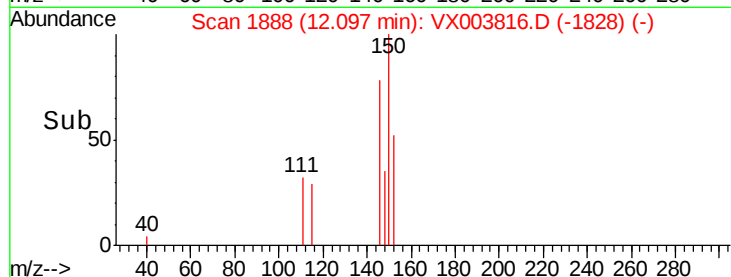
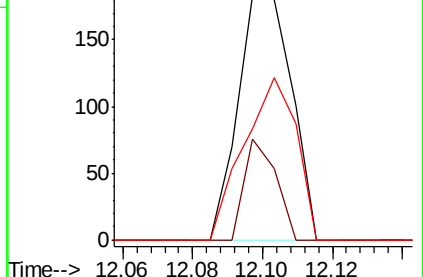
148 65.1 31.9 95.9



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



#88

1,4-Dichlorobenzene

Concen: 6.72 ug/l

RT: 12.10 min Scan# 1888

Delta R.T. 0.00 min

Lab File: VX003816.D

Acq: 02 Aug 2018 00:42

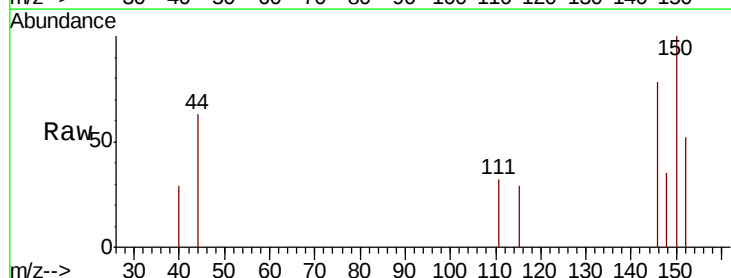
Tgt Ion:146 Resp: 195

Ion Ratio Lower Upper

146 100

111 24.6 18.3 54.9

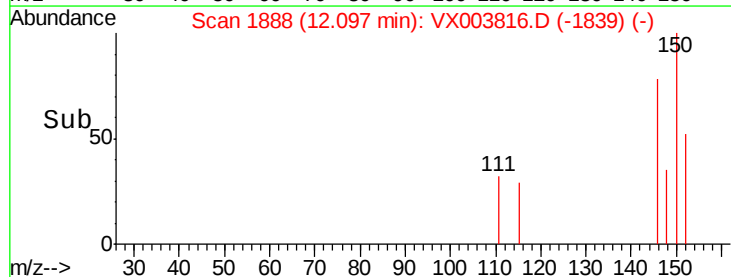
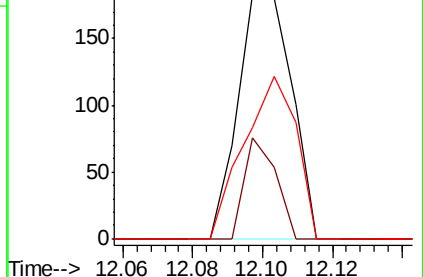
148 65.1 32.0 96.2

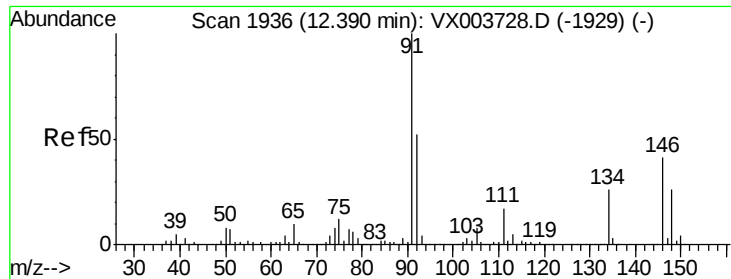


Abundance Ion 145.90 (145.60 to 146.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 147.90 (147.60 to 148.60): V





#89

n-Butylbenzene

Concen: 4.76 ug/l

RT: 12.39 min Scan# 1936

Delta R.T. 0.00 min

Lab File: VX003816.D

Acq: 02 Aug 2018 00:42

Instrument :

MSVOA_X

ClientSampled :

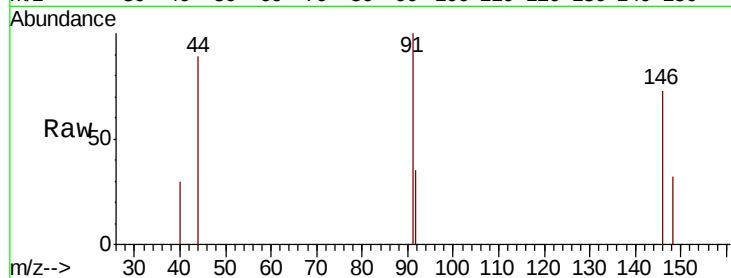
Tot Ion: 91 Resp: 240

Ion Ratio Lower Upper

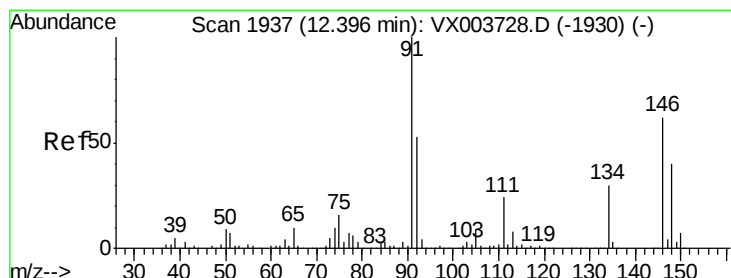
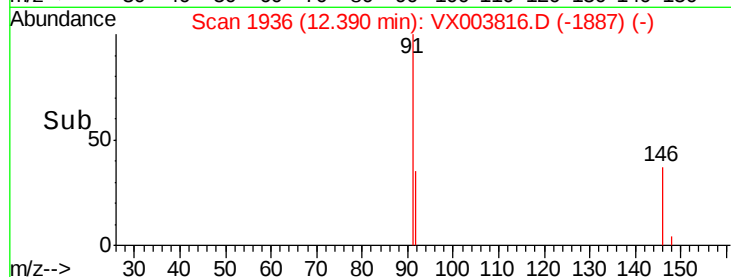
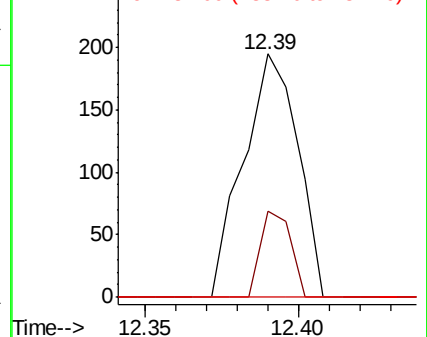
91 100

92 20.0 26.2 78.5#

134 0.0 13.6 40.7#



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



#91

1,2-Dichlorobenzene

Concen: 7.66 ug/l

RT: 12.40 min Scan# 1937

Delta R.T. 0.00 min

Lab File: VX003816.D

Acq: 02 Aug 2018 00:42

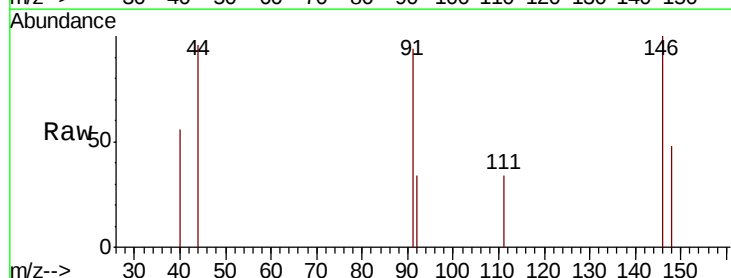
Tgt Ion: 146 Resp: 203

Ion Ratio Lower Upper

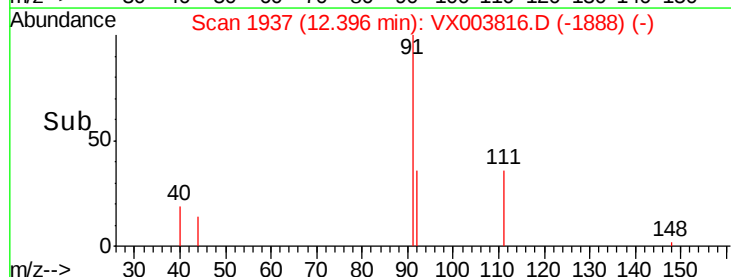
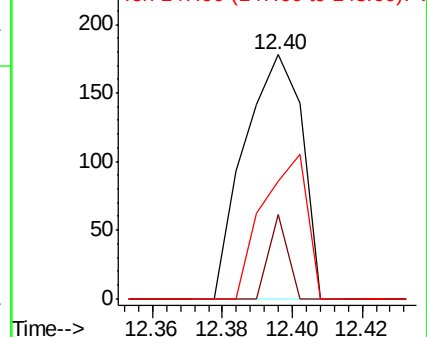
146 100

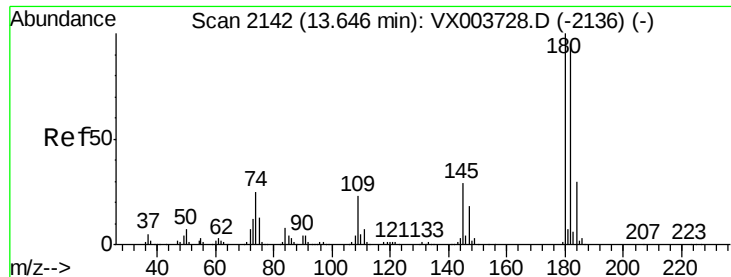
111 10.8 19.4 58.4#

148 45.8 32.0 96.0



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

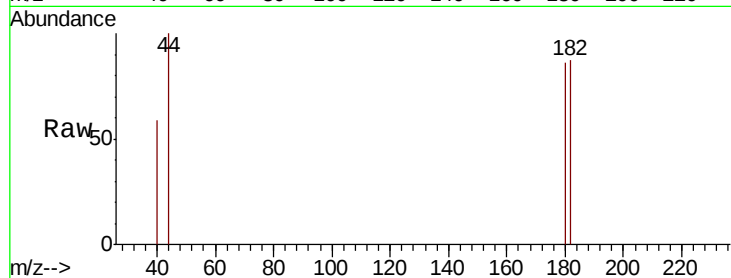




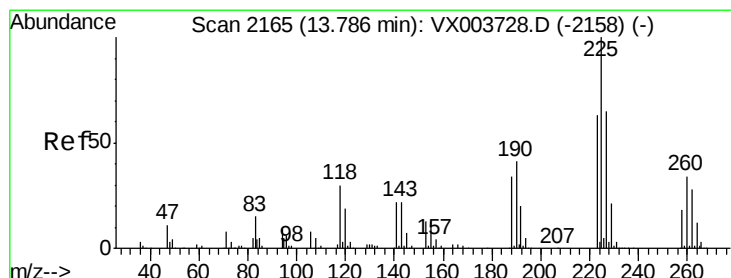
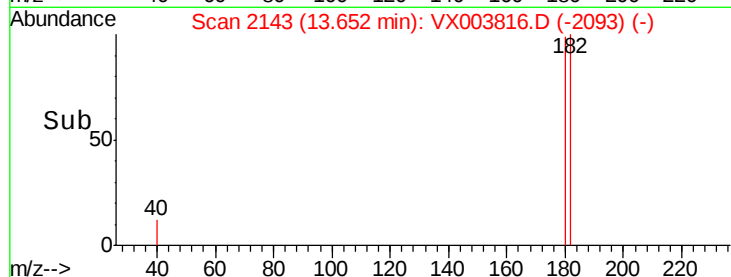
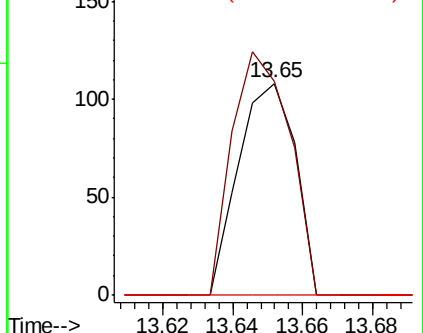
#93
 1,2,4-Trichlorobenzene
 Concen: 5.85 ug/l
 RT: 13.65 min Scan# 2143
 Delta R.T. 0.01 min
 Lab File: VX003816.D
 Acq: 02 Aug 2018 00:42

Instrument :
 MSVOA_X
 ClientSampleId :

Tot Ion:180 Resp: 123
 Ion Ratio Lower Upper
 180 100
 182 116.3 47.6 142.9
 145 0.0 14.1 42.2#

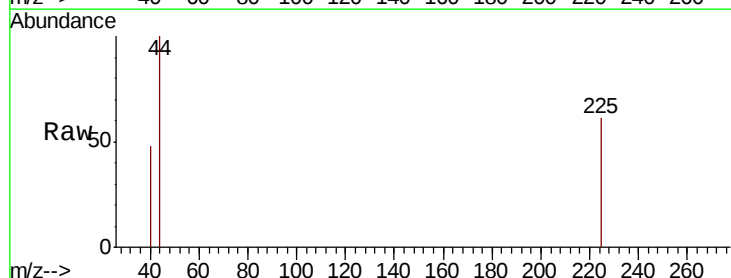


Abundance Ion 179.80 (179.50 to 180.50): V
 Ion 181.80 (181.50 to 182.50): V
 Ion 144.80 (144.50 to 145.50): V

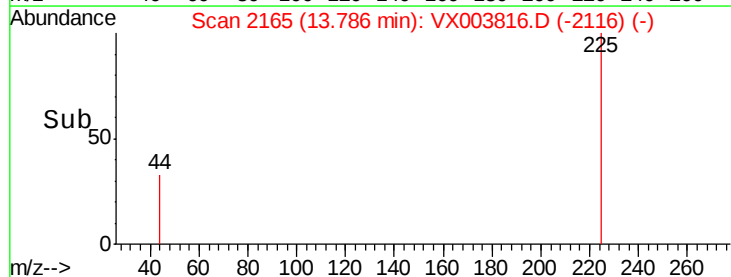
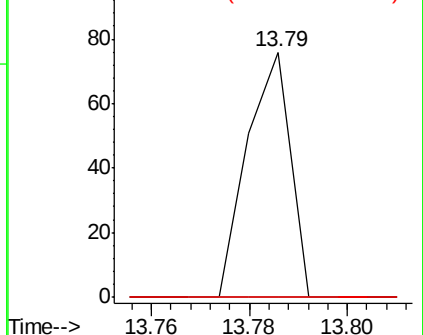


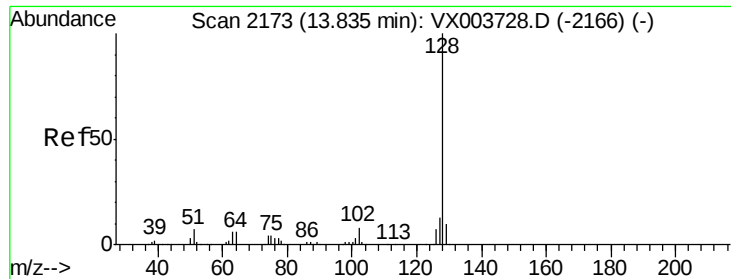
#94
 Hexachlorobutadiene
 Concen: 3.42 ug/l
 RT: 13.79 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VX003816.D
 Acq: 02 Aug 2018 00:42

Tgt Ion:225 Resp: 46
 Ion Ratio Lower Upper
 225 100
 223 0.0 31.1 93.5#
 227 0.0 31.9 95.9#



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





#95

Naphthalene

Concen: 19.97 ug/l

RT: 13.83 min Scan# 2173

Delta R.T. 0.00 min

Lab File: VX003816.D

Acq: 02 Aug 2018 00:42

Instrument :

MSVOA_X

ClientSampleId :

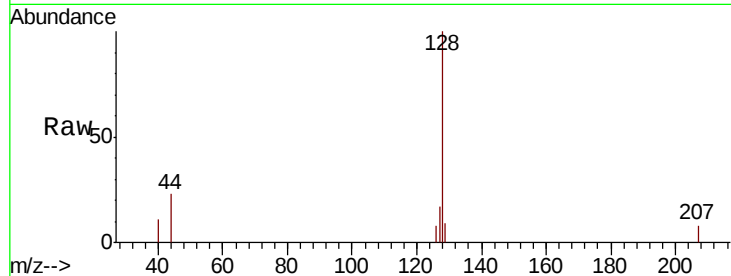
Tot Ion:128 Resp: 897

Ion Ratio Lower Upper

128 100

127 13.4 10.2 15.2

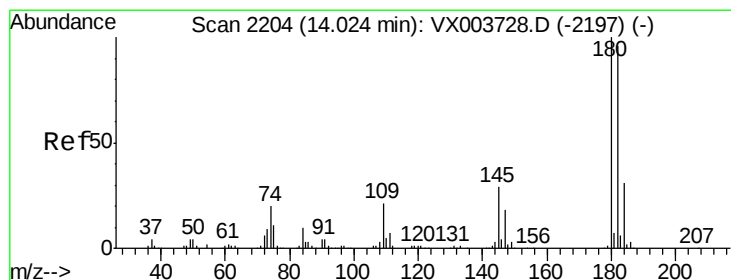
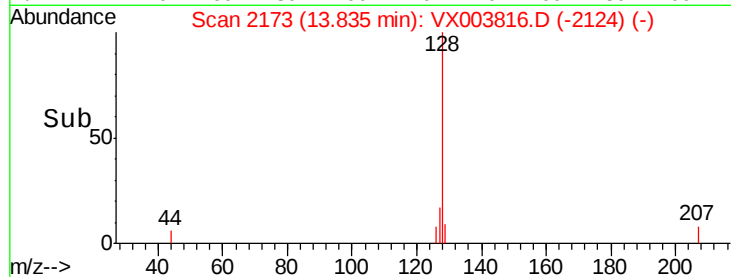
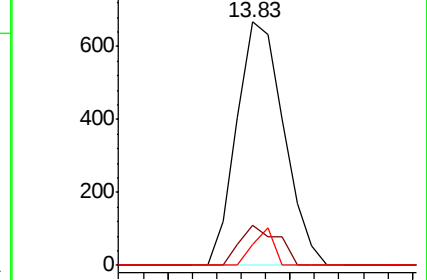
129 6.6 8.7 13.1#



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



#96

1,2,3-Trichlorobenzene

Concen: 7.86 ug/l

RT: 14.02 min Scan# 2204

Delta R.T. 0.00 min

Lab File: VX003816.D

Acq: 02 Aug 2018 00:42

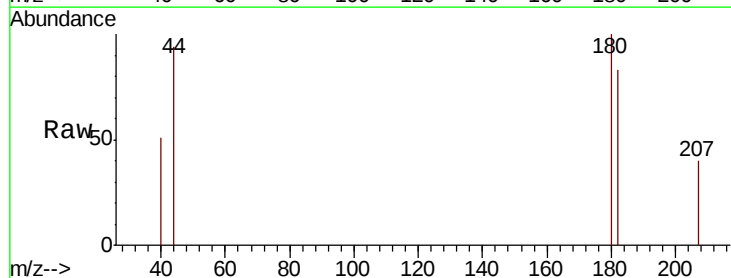
Tgt Ion:180 Resp: 150

Ion Ratio Lower Upper

180 100

182 94.7 47.9 143.8

145 0.0 14.7 44.1#



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.90 (144.60 to 145.60): V

