

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX091518\
 Data File : VX004581.D
 Acq On : 15 Sep 2018 13:47
 Operator : JC/MD
 Sample : J4925-13DL 20X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0260DL

Quant Time: Sep 17 07:18:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091118W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 12 02:17:23 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	278303	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	369717	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	353765	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	225077	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	169157	47.14	ug/l	0.00
Spiked Amount			Recovery	=	94.28%	
35) Dibromofluoromethane	5.50	113	156402	46.23	ug/l	0.00
Spiked Amount			Recovery	=	92.46%	
50) Toluene-d8	8.72	98	529918	46.71	ug/l	0.00
Spiked Amount			Recovery	=	93.42%	
62) 4-Bromofluorobenzene	11.14	95	198691	49.06	ug/l	0.00
Spiked Amount			Recovery	=	98.12%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.64	94	1125	Below Cal		96
10) Methyl Iodide	2.51	142	848	4.47 ug/l	#	92
11) Tert butyl alcohol	3.06	59	172	0.20 ug/l	#	72
13) Acrolein	2.29	56	153	0.45 ug/l	#	16
14) Allyl chloride	2.84	41	5158	0.86 ug/l	#	63
15) Acrylonitrile	3.17	53	2026	0.98 ug/l	#	41
16) Acetone	2.44	43	1130	0.65 ug/l		100
18) Methyl Acetate	2.84	43	13778	2.80 ug/l	#	51
20) Methylene Chloride	2.85	84	1315	0.37 ug/l	#	94
29) Tetrahydrofuran	5.17	42	588	0.35 ug/l	#	52
31) Cyclohexane	5.57	56	59173	11.40 ug/l	#	85
36) 1,1-Dichloropropene	5.67	75	17931	3.99 ug/l	#	49
38) Carbon Tetrachloride	5.66	117	23903	5.45 ug/l	#	15
39) Methylcyclohexane	7.46	83	51227	10.94 ug/l		96
40) Benzene	6.15	78	5374	0.40 ug/l	#	89
48) Methyl methacrylate	7.74	41	3263	0.97 ug/l	#	57
55) 1,1,2-Trichloroethane	9.16	97	3846	1.14 ug/l	#	21
67) Ethyl Benzene	10.26	91	672546	47.07 ug/l		99
68) m/p-Xylenes	10.36	106	94008	17.08 ug/l		97
69) o-Xylene	10.70	106	15643	2.96 ug/l		96
73) Isopropylbenzene	11.02	105	44065	2.97 ug/l		100
76) 1,2,3-Trichloropropane	11.14	75	93081	20.56 ug/l	#	37
78) n-propylbenzene	11.36	91	61677	3.62 ug/l		98
79) 2-Chlorotoluene	11.43	91	4566	0.44 ug/l	#	44
80) 1,3,5-Trimethylbenzene	11.51	105	60598	4.86 ug/l		96
81) trans-1,4-Dichloro-2-buten	11.14	75	93081	65.52 ug/l	#	10
82) 4-Chlorotoluene	11.51	91	6616	0.55 ug/l	#	50
84) 1,2,4-Trimethylbenzene	11.81	105	404850	31.82 ug/l		99
85) sec-Butylbenzene	11.81	105	404850	26.78 ug/l	#	55
86) p-Isopropyltoluene	12.07	119	9456	0.71 ug/l		93
89) n-Butylbenzene	12.39	91	11532	0.95 ug/l	#	38
90) Hexachloroethane	12.59	117	2943	1.38 ug/l	#	3
95) Naphthalene	13.83	128	185007	12.04 ug/l		99

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Quant Title : SW846 8260
QLast Update : Wed Sep 12 02:17:23 2018
Response via : Initial Calibration

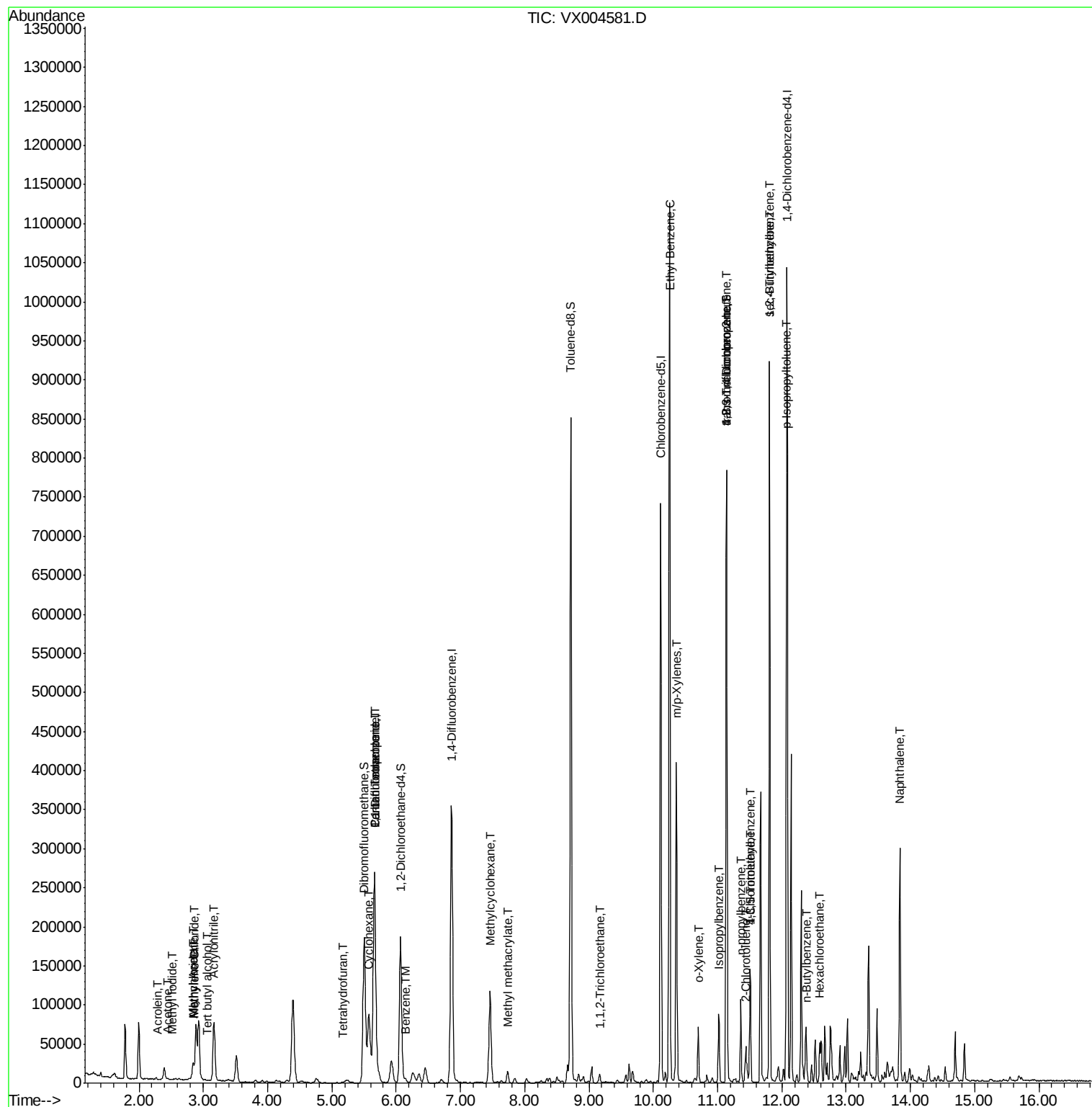
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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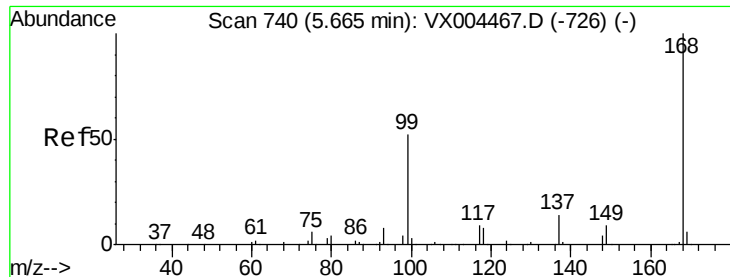
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX091518\
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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.00 min

Lab File: VX004581.D

Acq: 15 Sep 2018 13:47

Instrument :

MSVOA_X

ClientSampled :

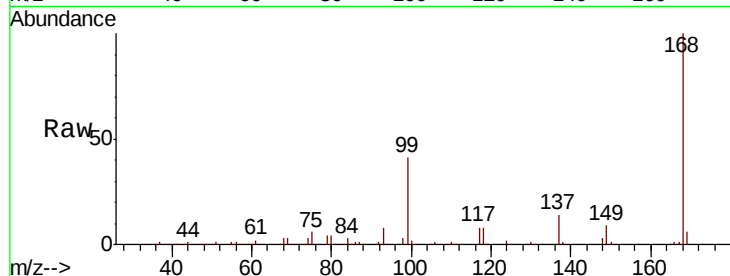
S13-0260DL

Tot Ion:168 Resp: 278303

Ion Ratio Lower Upper

168 100

99 40.7 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

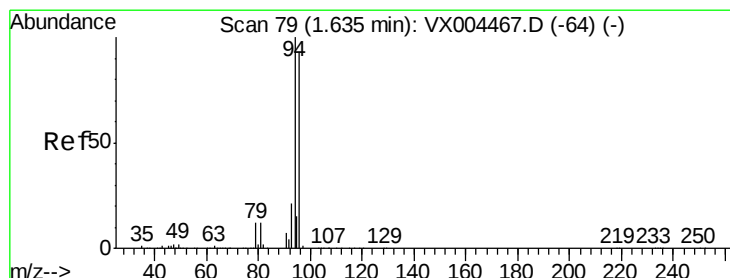
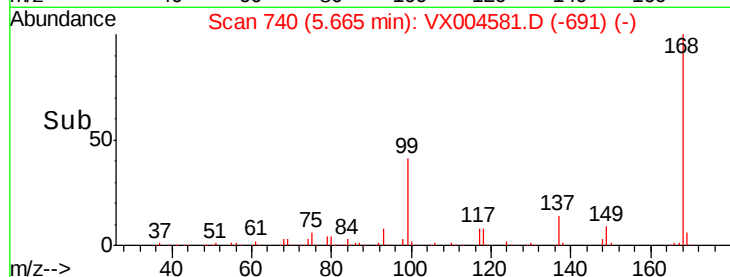
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.64 min Scan# 80

Delta R.T. 0.01 min

Lab File: VX004581.D

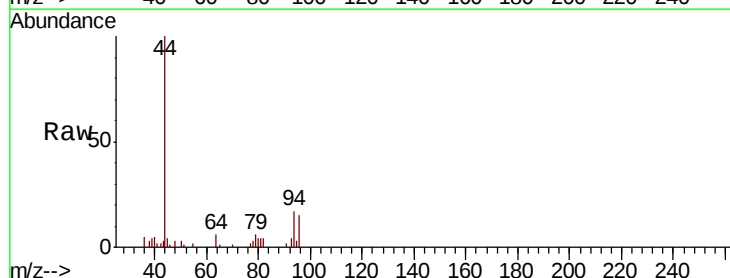
Acq: 15 Sep 2018 13:47

Tgt Ion: 94 Resp: 1125

Ion Ratio Lower Upper

94 100

96 89.4 74.5 111.7



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.64

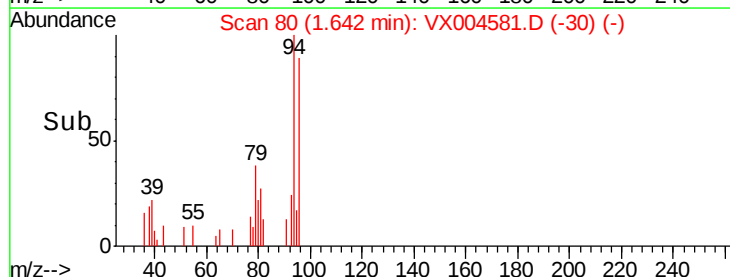
600

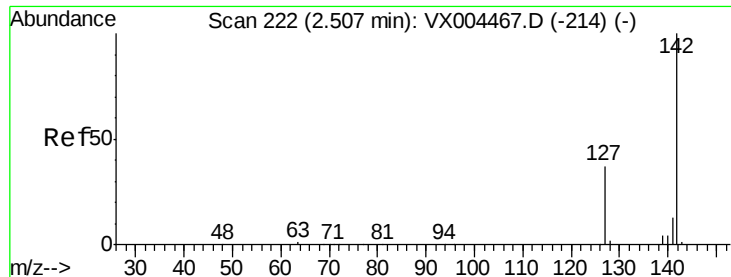
400

200

0

Time--> 1.60 1.65 1.70

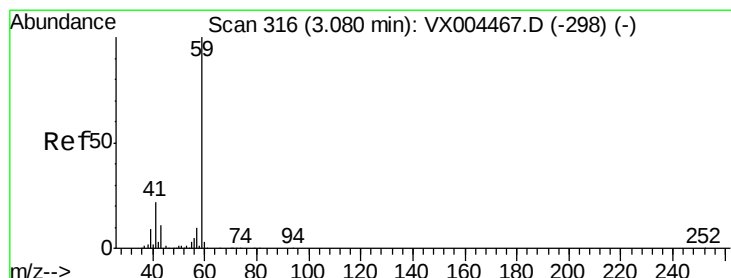
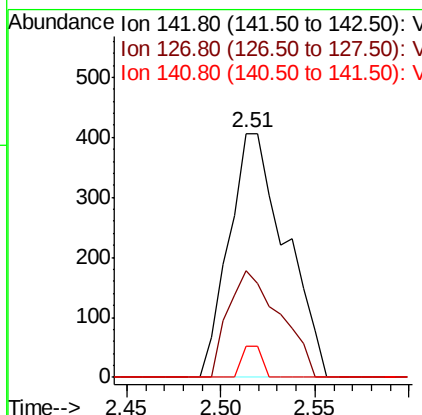
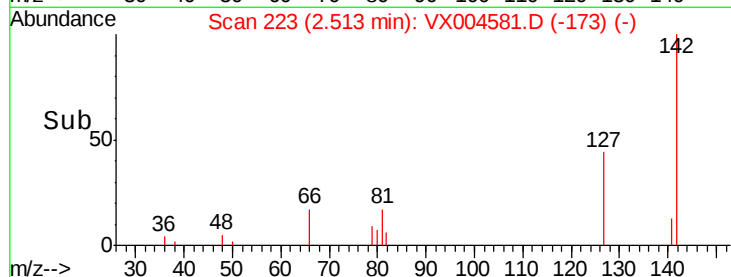
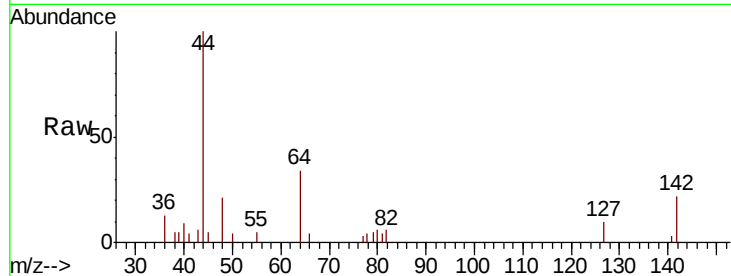




#10
Methvl Iodide
Concen: 4.47 ug/l
RT: 2.51 min Scan# 223
Delta R.T. 0.01 min
Lab File: VX004581.D
Acq: 15 Sep 2018 13:47

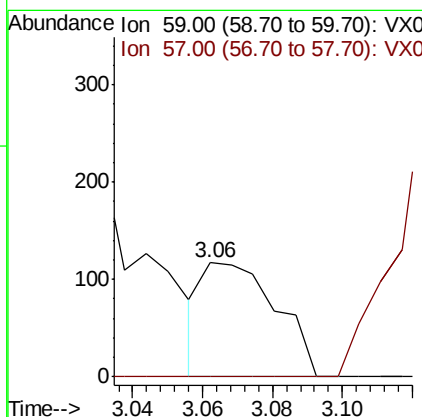
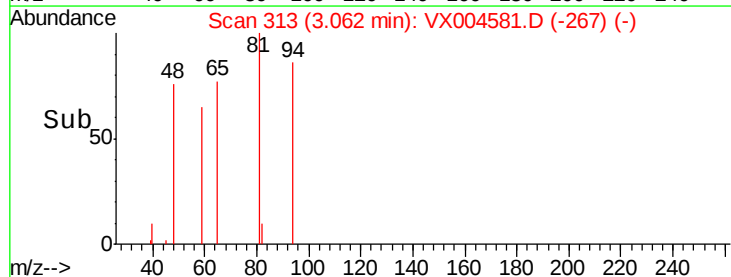
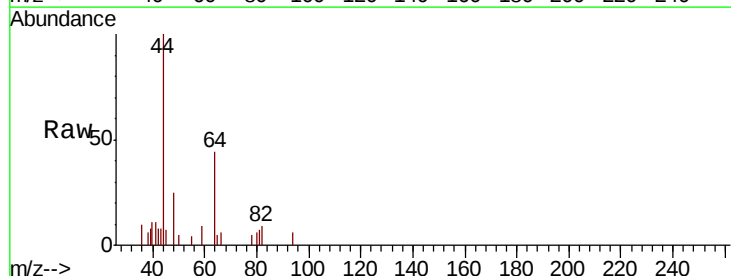
Instrument :
MSVOA_X
ClientSampled :
S13-0260DL

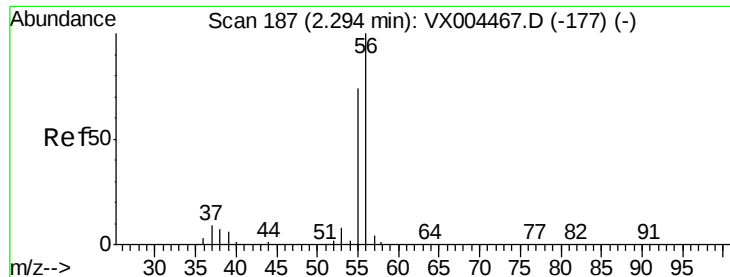
Tot Ion:142 Resp: 848
Ion Ratio Lower Upper
142 100
127 40.1 33.8 50.6
141 4.6 11.4 17.0#



#11
Tert butyl alcohol
Concen: 0.20 ug/l
RT: 3.06 min Scan# 313
Delta R.T. -0.02 min
Lab File: VX004581.D
Acq: 15 Sep 2018 13:47

Tgt Ion: 59 Resp: 172
Ion Ratio Lower Upper
59 100
57 0.0 8.2 12.4#

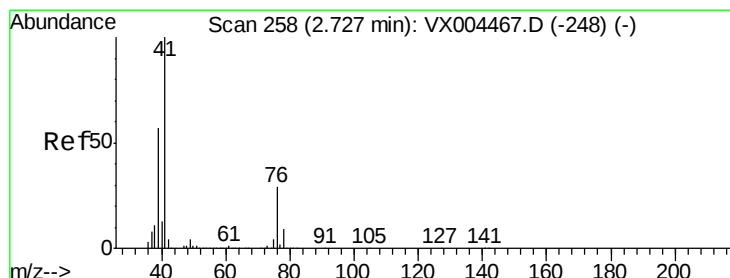
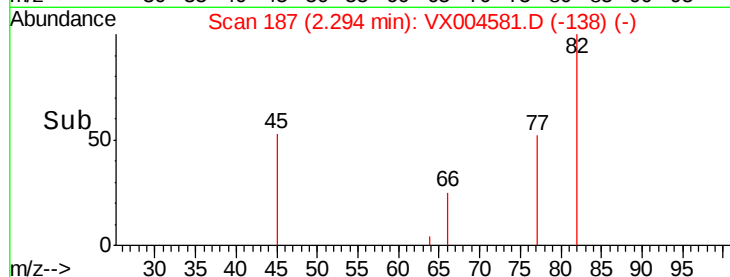
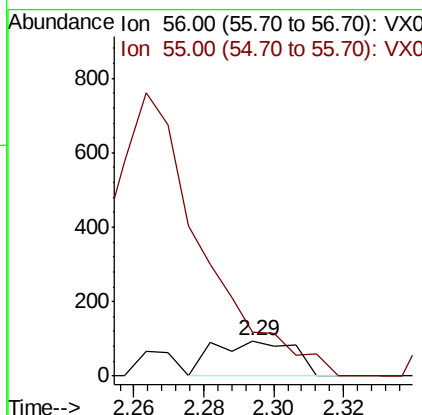
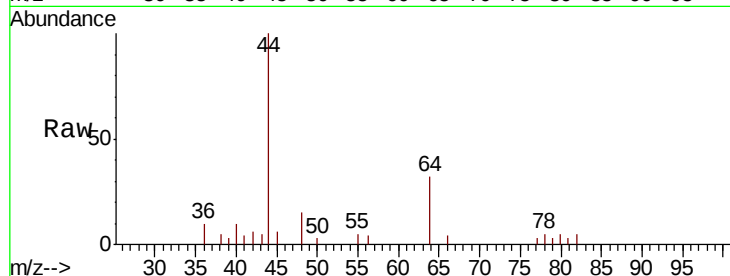




#13
Acrolein
Concen: 0.45 ug/l
RT: 2.29 min Scan# 187
Delta R.T. 0.00 min
Lab File: VX004581.D
Acq: 15 Sep 2018 13:47

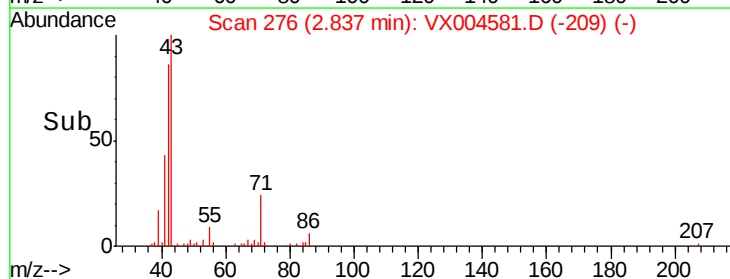
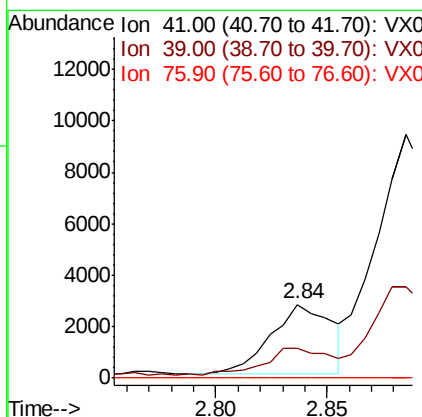
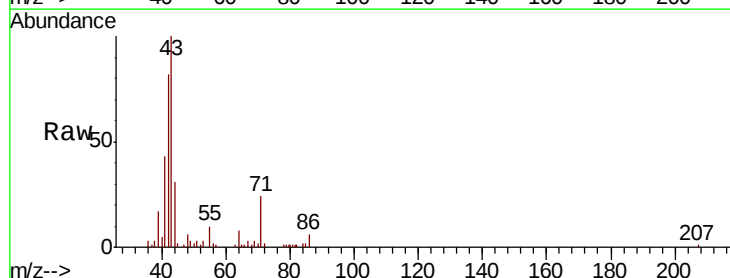
Instrument :
MSVOA_X
ClientSampleID :
S13-0260DL

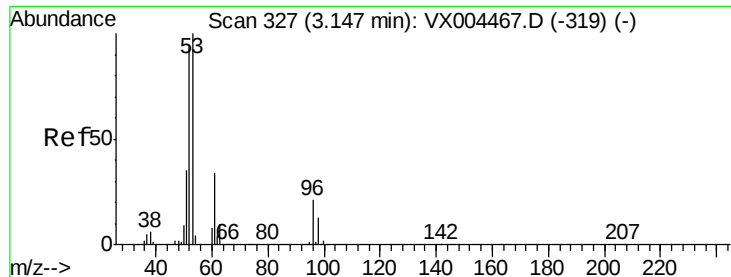
Tot Ion: 56 Resp: 153
Ion Ratio Lower Upper
56 100
55 0.0 54.7 82.1#



#14
Allyl chloride
Concen: 0.86 ug/l
RT: 2.84 min Scan# 276
Delta R.T. 0.11 min
Lab File: VX004581.D
Acq: 15 Sep 2018 13:47

Tgt Ion: 41 Resp: 5158
Ion Ratio Lower Upper
41 100
39 42.3 48.9 73.3#
76 0.0 26.7 40.1#





#15

Acrylonitrile

Concen: 0.98 ug/l

RT: 3.17 min Scan# 330

Delta R.T. 0.02 min

Lab File: VX004581.D

Acq: 15 Sep 2018 13:47

Instrument :

MSVOA_X

ClientSampleID :

S13-0260DL

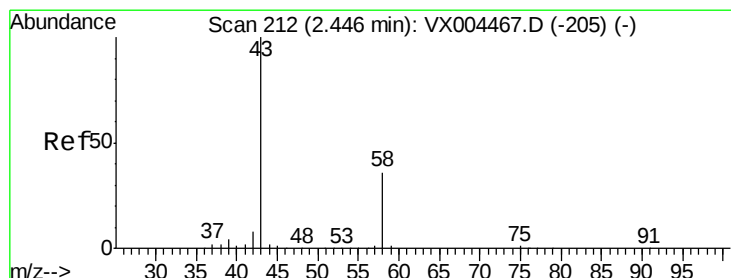
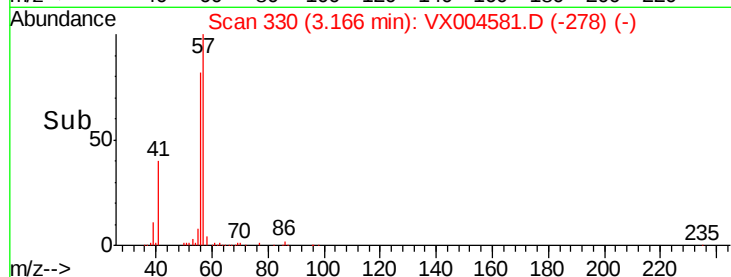
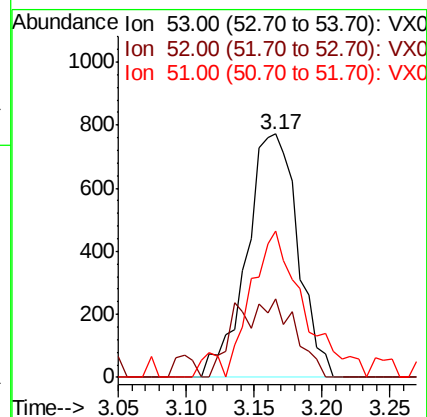
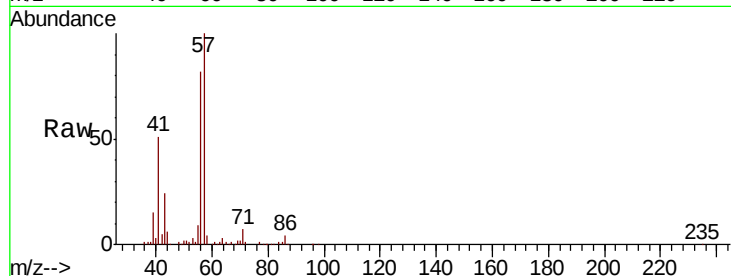
Tot Ion: 53 Resp: 2026

Ion Ratio Lower Upper

53 100

52 23.4 65.2 97.8#

51 61.8 28.2 42.2#



#16

Acetone

Concen: 0.65 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX004581.D

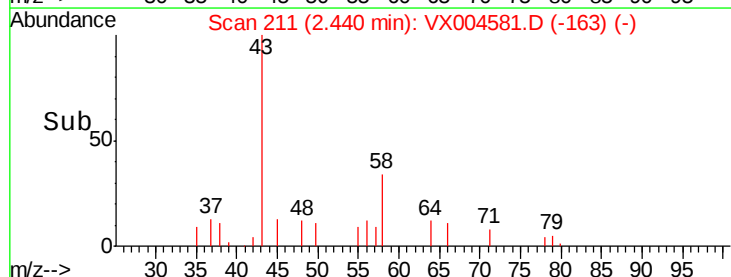
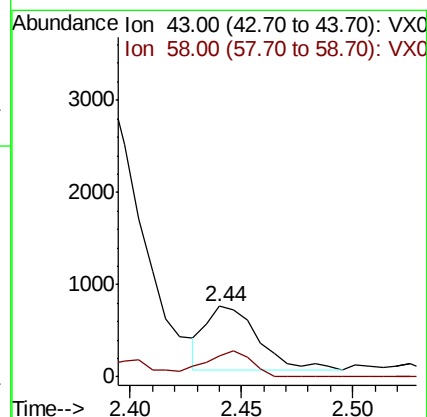
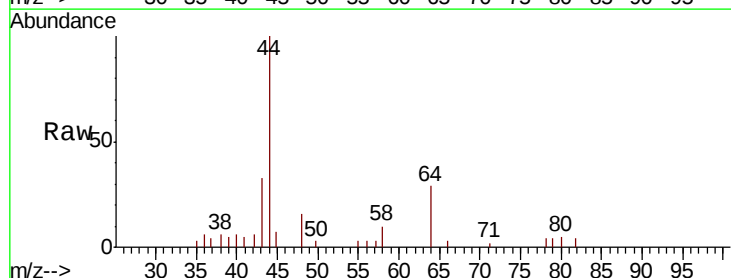
Acq: 15 Sep 2018 13:47

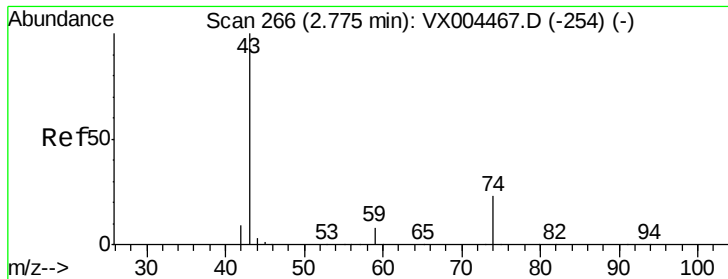
Tgt Ion: 43 Resp: 1130

Ion Ratio Lower Upper

43 100

58 33.0 26.2 39.4





#18

Methyl Acetate

Concen: 2.80 ug/l

RT: 2.84 min Scan# 277

Delta R.T. 0.07 min

Lab File: VX004581.D

Acq: 15 Sep 2018 13:47

Instrument :

MSVOA_X

ClientSampled :

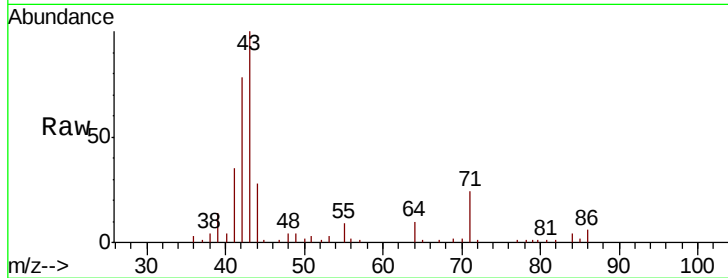
S13-0260DL

Tot Ion: 43 Resp: 13778

Ion Ratio Lower Upper

43 100

74 0.0 19.4 29.2#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

25000

20000

15000

10000

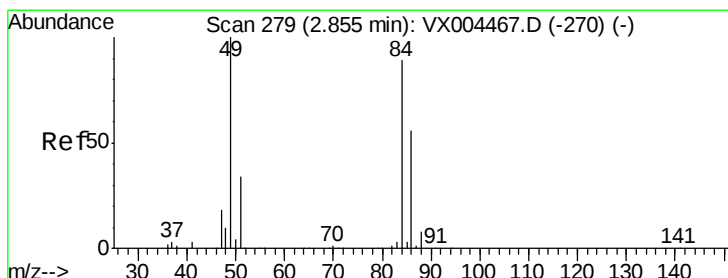
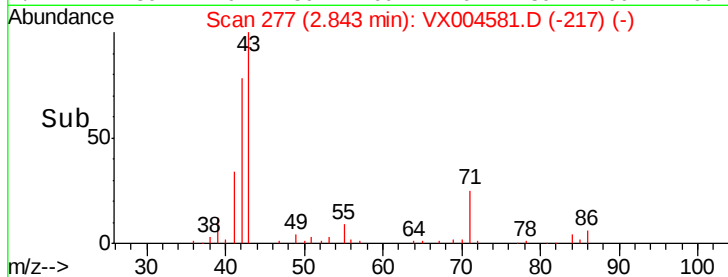
5000

0

Time-->

2.80

2.85



#20

Methylene Chloride

Concen: 0.37 ug/l

RT: 2.85 min Scan# 279

Delta R.T. 0.00 min

Lab File: VX004581.D

Acq: 15 Sep 2018 13:47

Tgt Ion: 84 Resp: 1315

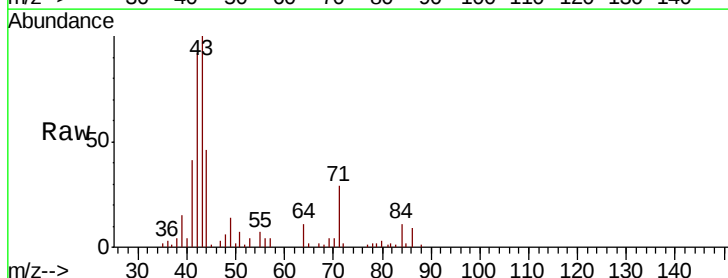
Ion Ratio Lower Upper

84 100

49 129.6 101.2 151.8

51 45.4 29.5 44.3#

86 72.1 52.3 78.5



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

1000

500

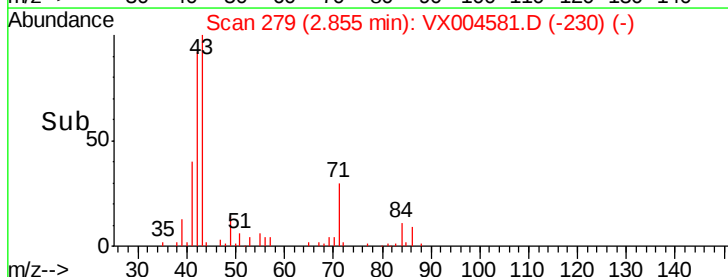
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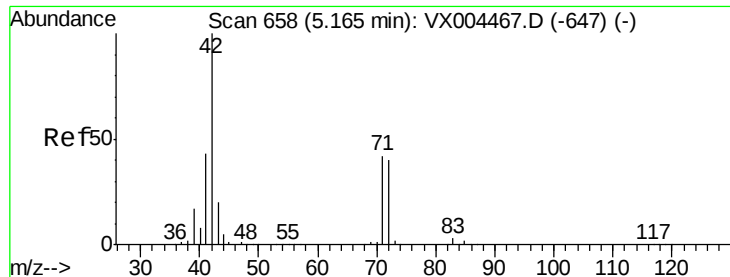
Time-->

2.80

2.85

2.90





#29

Tetrahydrofuran

Concen: 0.35 ug/l

RT: 5.17 min Scan# 658

Delta R.T. 0.00 min

Lab File: VX004581.D

Acq: 15 Sep 2018 13:47

Instrument :

MSVOA_X

ClientSampled :

S13-0260DL

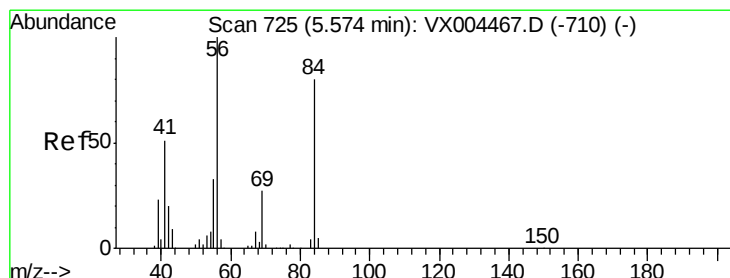
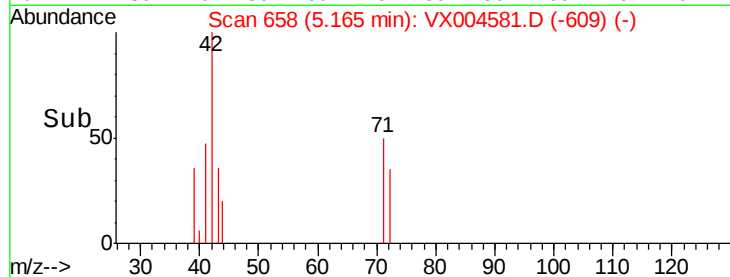
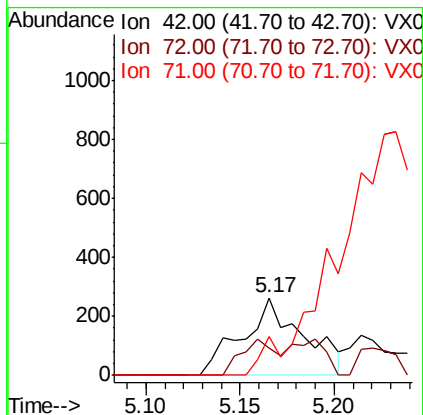
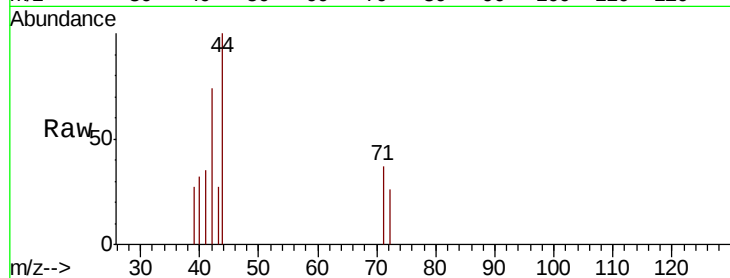
Tot Ion: 42 Resp: 588

Ion Ratio Lower Upper

42 100

72 26.9 37.4 56.0#

71 0.0 34.5 51.7#



#31

Cyclohexane

Concen: 11.40 ug/l

RT: 5.57 min Scan# 724

Delta R.T. -0.01 min

Lab File: VX004581.D

Acq: 15 Sep 2018 13:47

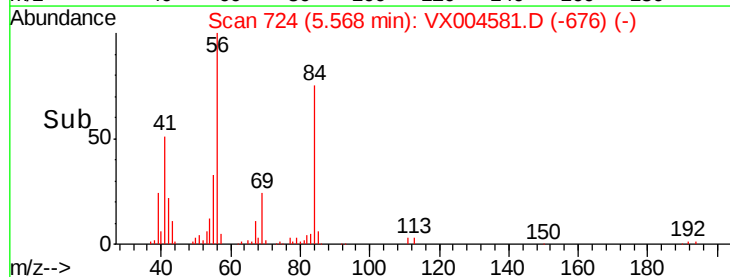
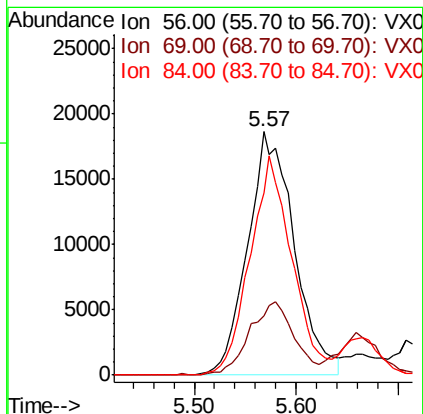
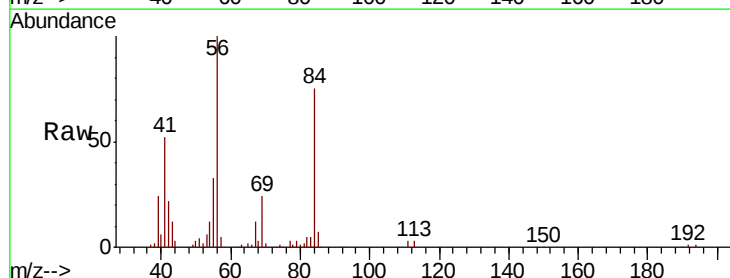
Tgt Ion: 56 Resp: 59173

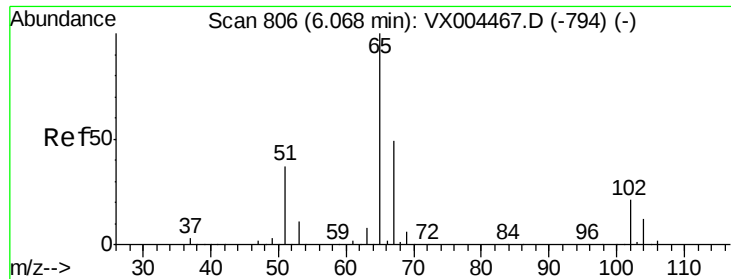
Ion Ratio Lower Upper

56 100

69 24.0 25.4 38.2#

84 75.0 71.4 107.2

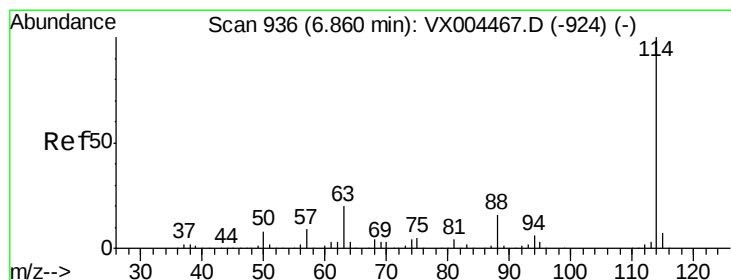
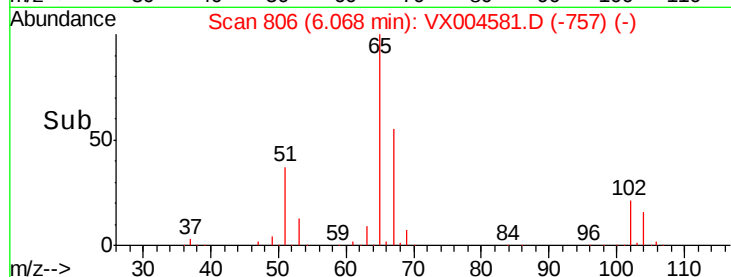
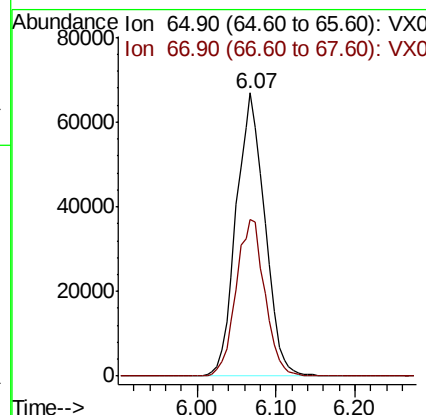
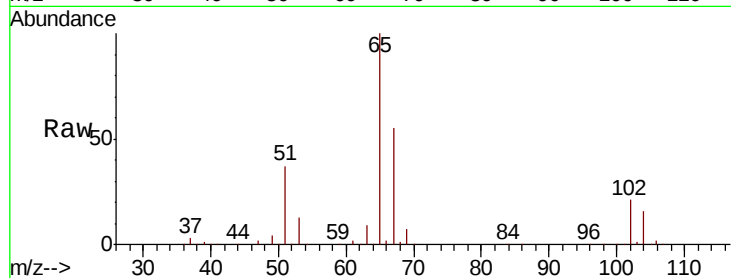




#33
 1,2-Dichloroethane-d4
 Concen: 47.14 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX004581.D
 Acq: 15 Sep 2018 13:47

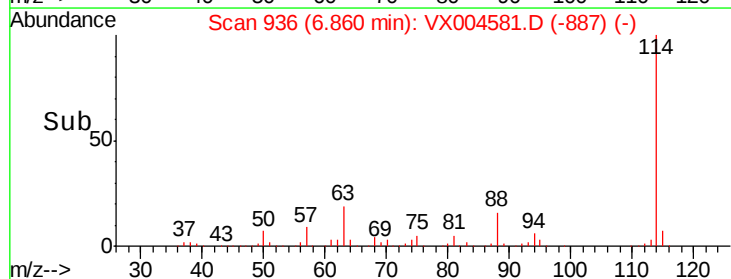
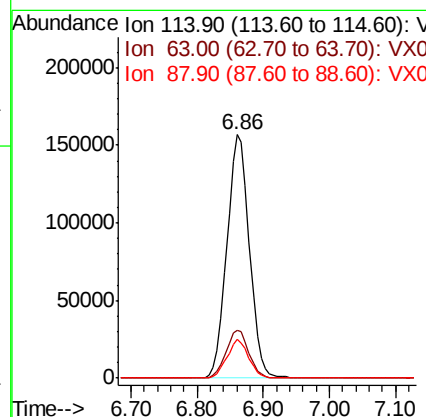
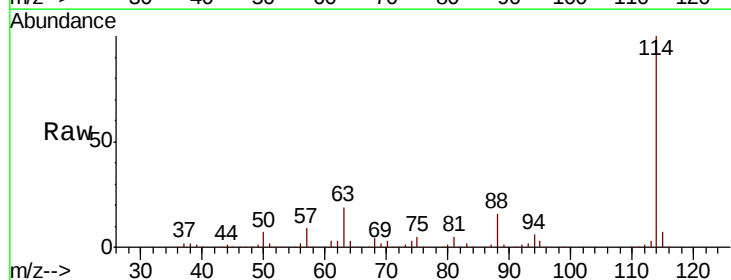
Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0260DL

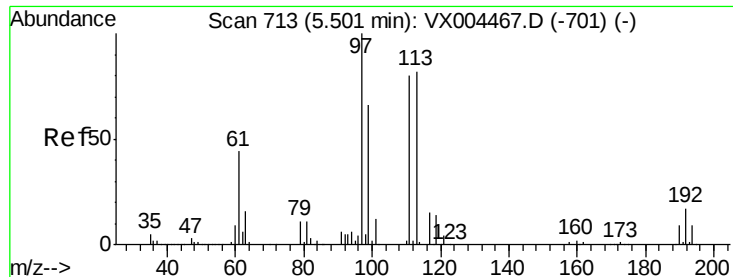
Tot Ion: 65 Resp: 169157
 Ion Ratio Lower Upper
 65 100
 67 55.6 0.0 106.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX004581.D
 Acq: 15 Sep 2018 13:47

Tgt Ion: 114 Resp: 369717
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 39.0
 88 15.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 46.23 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX004581.D

Acq: 15 Sep 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

S13-0260DL

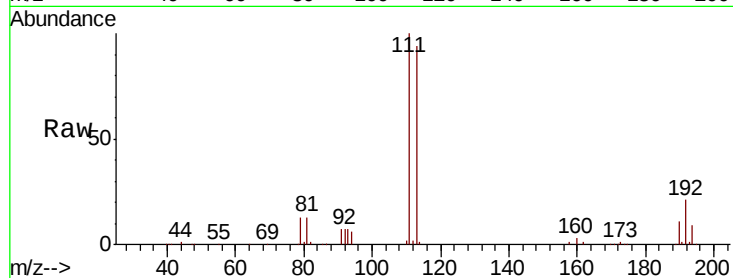
Tot Ion:113 Resp: 156402

Ion Ratio Lower Upper

113 100

111 103.9 82.4 123.6

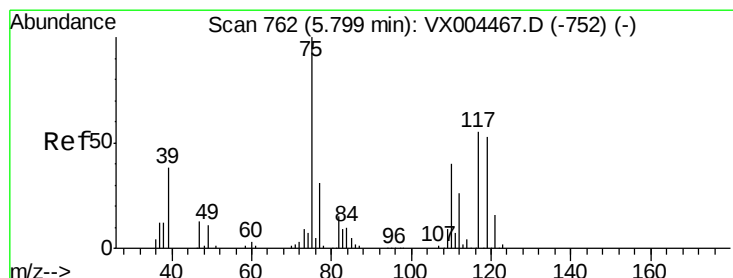
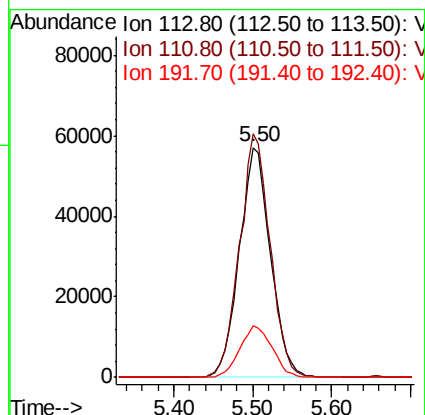
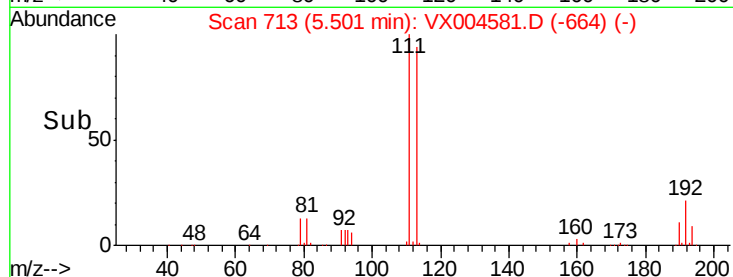
192 23.3 19.4 29.2



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: 3.99 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.13 min

Lab File: VX004581.D

Acq: 15 Sep 2018 13:47

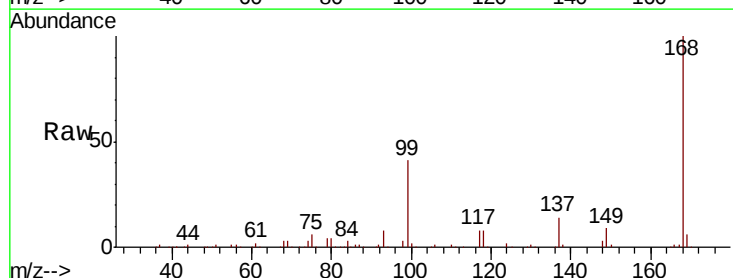
Tgt Ion: 75 Resp: 17931

Ion Ratio Lower Upper

75 100

110 8.9 18.0 54.0#

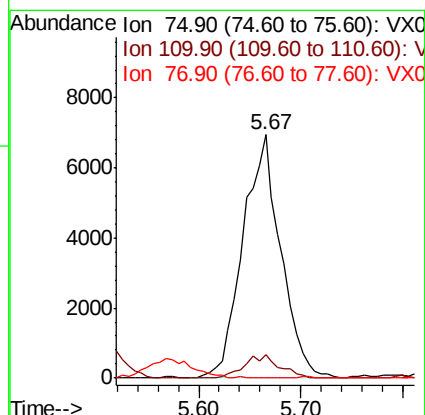
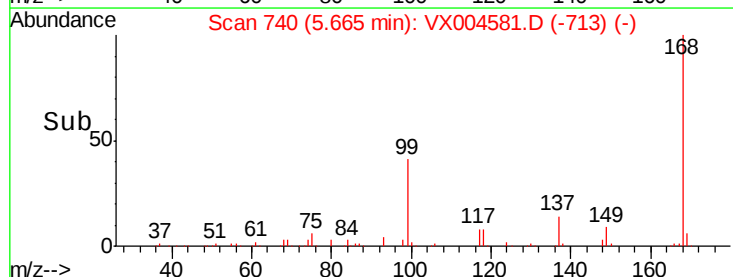
77 0.0 24.6 36.8#

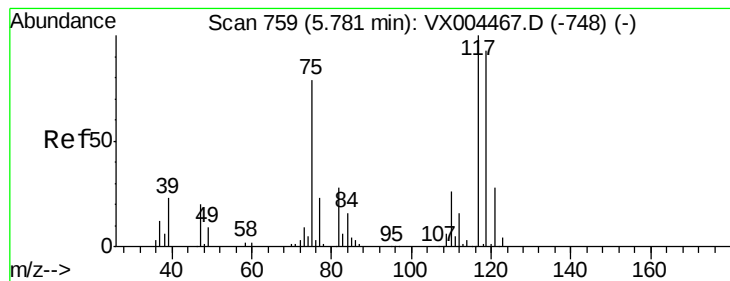


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 109.90 (109.60 to 110.60): V

Ion 76.90 (76.60 to 77.60): VX0





#38

Carbon Tetrachloride

Concen: 5.45 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.12 min

Lab File: VX004581.D

Acq: 15 Sep 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

S13-0260DL

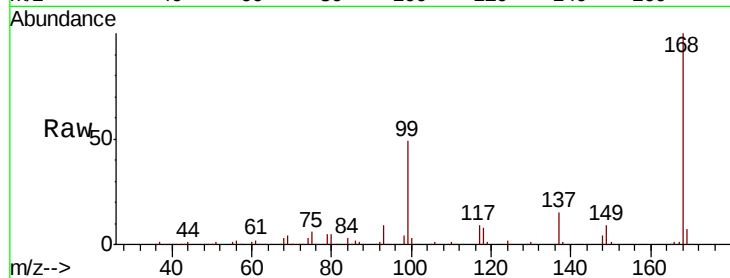
Tot Ion:117 Resp: 23903

Ion Ratio Lower Upper

117 100

119 5.4 78.8 118.2#

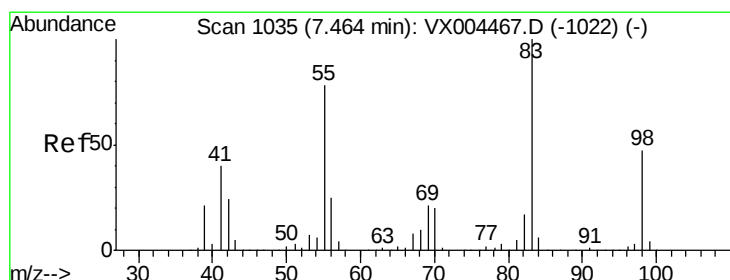
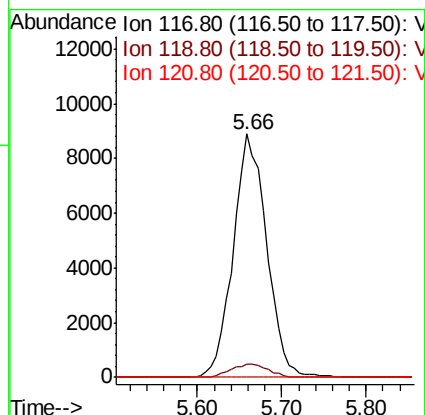
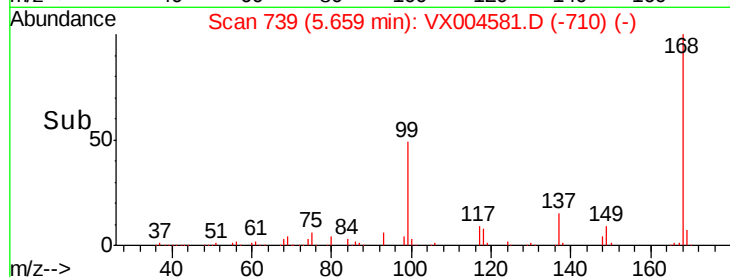
121 0.0 24.9 37.3#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#39

Methylcyclohexane

Concen: 10.94 ug/l

RT: 7.46 min Scan# 1035

Delta R.T. 0.00 min

Lab File: VX004581.D

Acq: 15 Sep 2018 13:47

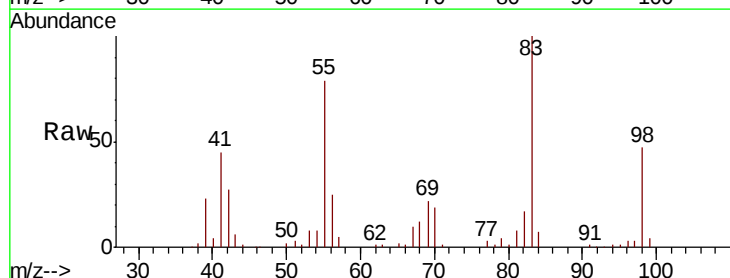
Tgt Ion: 83 Resp: 51227

Ion Ratio Lower Upper

83 100

55 79.3 61.0 91.4

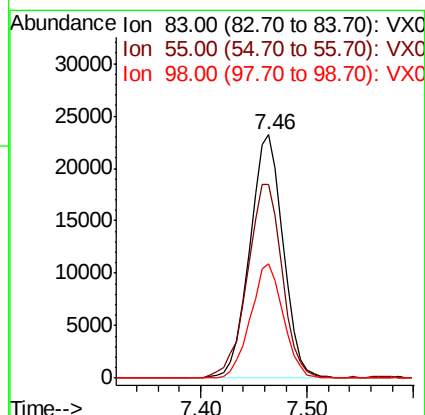
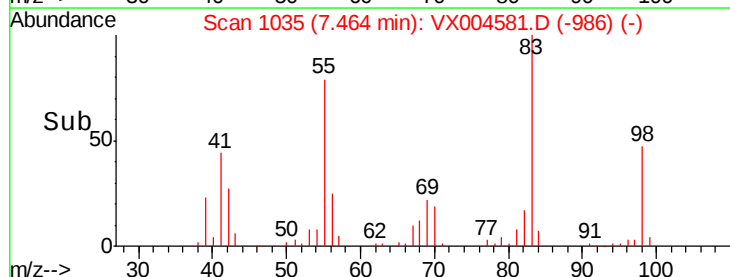
98 46.7 39.6 59.4

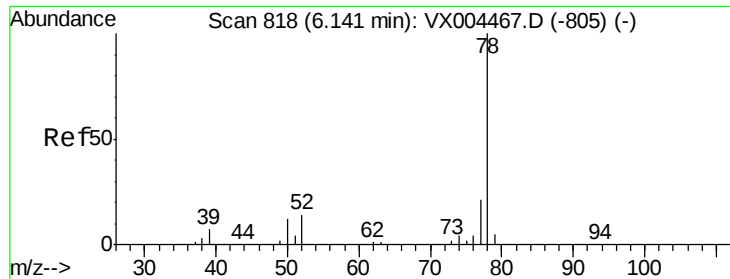


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0





#40

Benzene

Concen: 0.40 ug/l

RT: 6.15 min Scan# 819

Delta R.T. 0.01 min

Lab File: VX004581.D

Acq: 15 Sep 2018 13:47

Instrument :

MSVOA_X

ClientSampled :

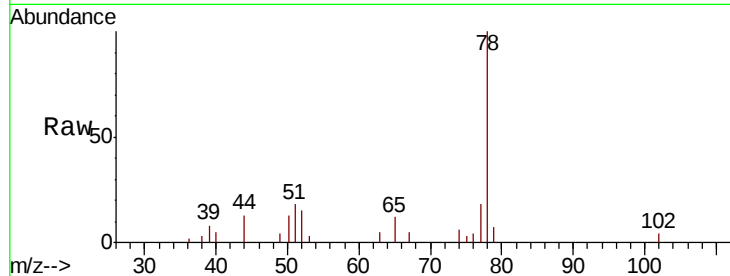
S13-0260DL

Tot Ion: 78 Resp: 5374

Ion Ratio Lower Upper

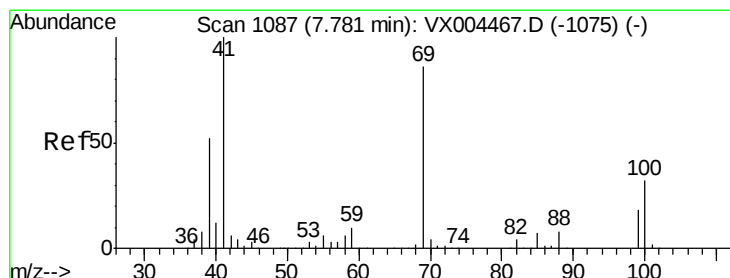
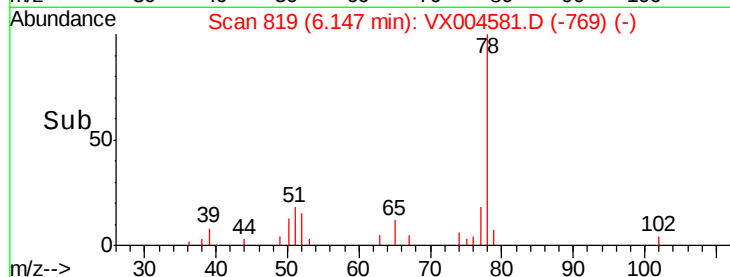
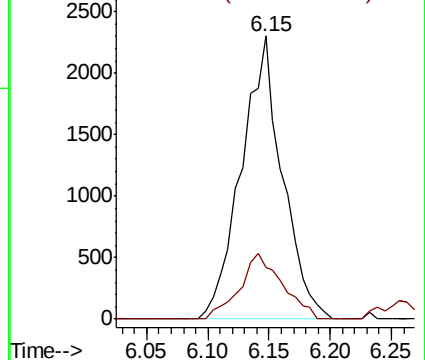
78 100

77 18.3 19.0 28.4#



Abundance Ion 78.00 (77.70 to 78.70): VX0

Ion 77.00 (76.70 to 77.70): VX0



#48

Methyl methacrylate

Concen: 0.97 ug/l

RT: 7.74 min Scan# 1080

Delta R.T. -0.04 min

Lab File: VX004581.D

Acq: 15 Sep 2018 13:47

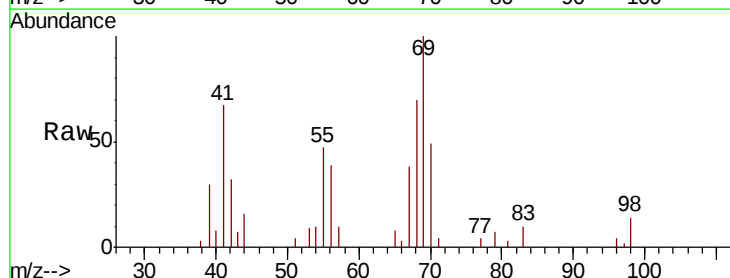
Tgt Ion: 41 Resp: 3263

Ion Ratio Lower Upper

41 100

69 146.1 70.2 105.4#

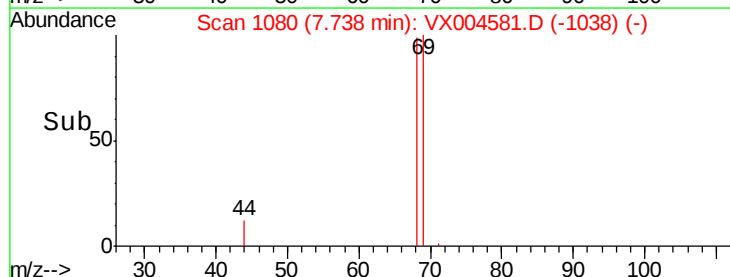
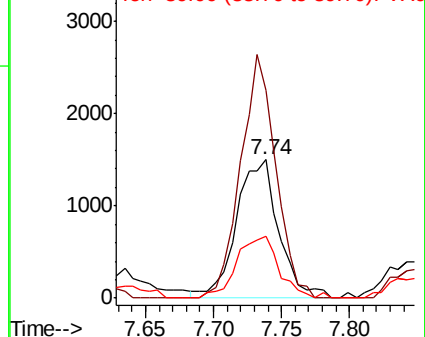
39 45.0 42.7 64.1

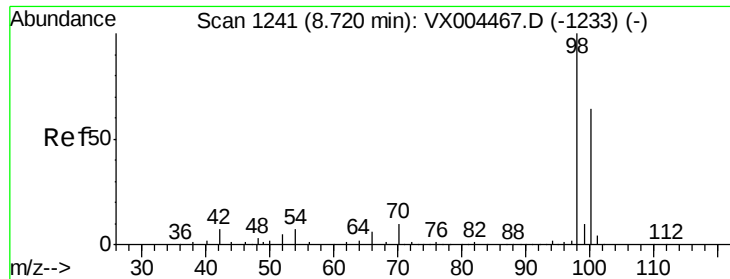


Abundance Ion 41.00 (40.70 to 41.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 39.00 (38.70 to 39.70): VX0

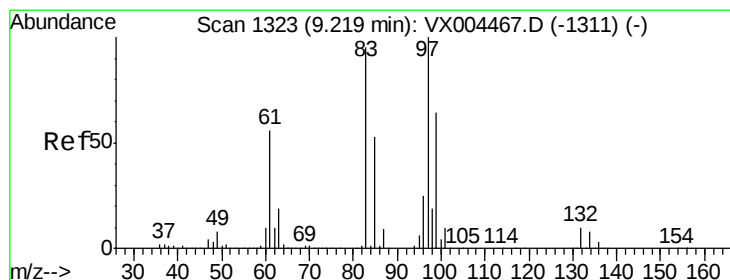
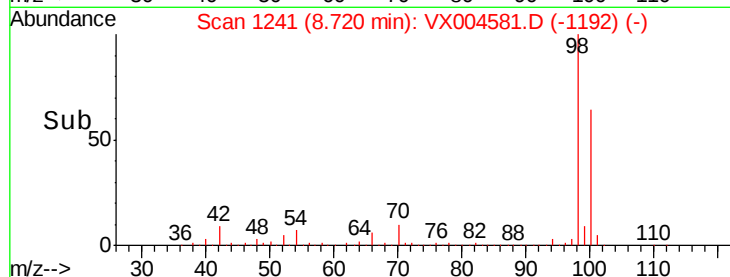
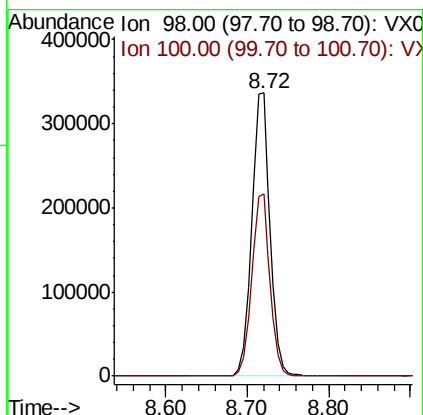
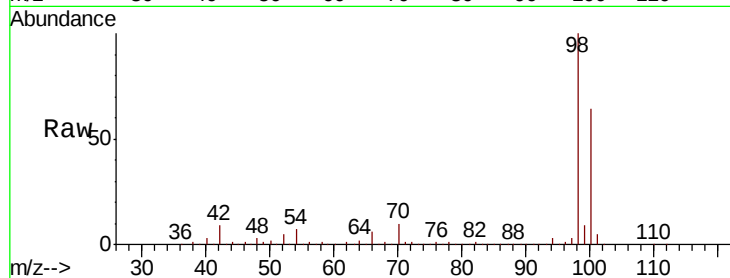




#50
Toluene-d8
Concen: 46.71 ug/l
RT: 8.72 min Scan# 1241
Delta R.T. 0.00 min
Lab File: VX004581.D
Acq: 15 Sep 2018 13:47

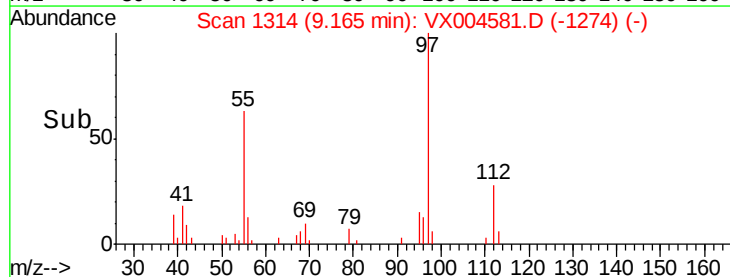
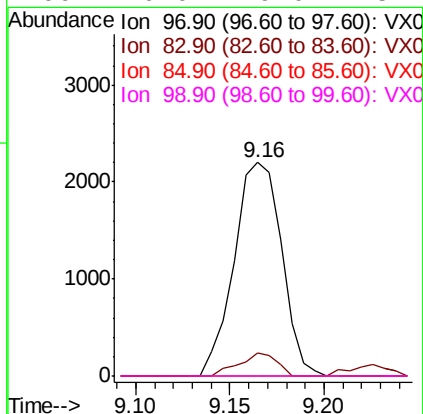
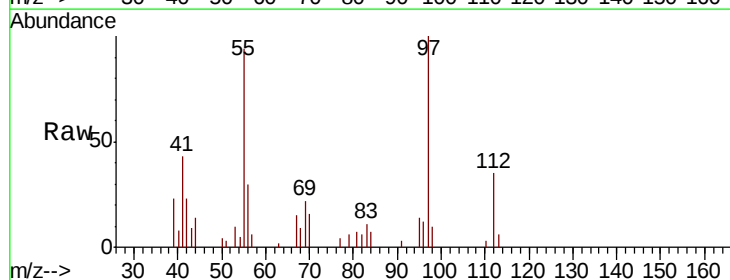
Instrument :
MSVOA_X
ClientSampleId :
S13-0260DL

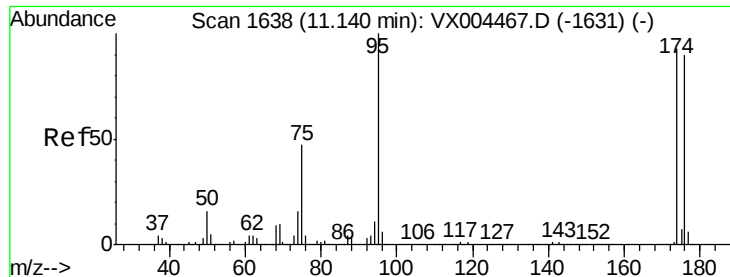
Tot Ion: 98 Resp: 529918
Ion Ratio Lower Upper
98 100
100 64.3 52.9 79.3



#55
1,1,2-Trichloroethane
Concen: 1.14 ug/l
RT: 9.16 min Scan# 1314
Delta R.T. -0.05 min
Lab File: VX004581.D
Acq: 15 Sep 2018 13:47

Tgt Ion: 97 Resp: 3846
Ion Ratio Lower Upper
97 100
83 10.8 66.4 99.6#
85 0.0 43.3 64.9#
99 0.0 49.0 73.4#





#62

4-Bromofluorobenzene

Concen: 49.06 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. 0.00 min

Lab File: VX004581.D

Acq: 15 Sep 2018 13:47

Instrument :

MSVOA_X

ClientSampleID :

S13-0260DL

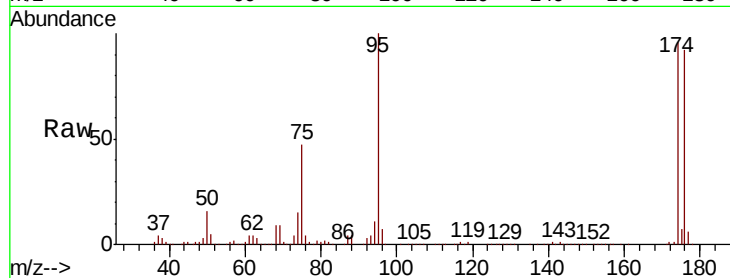
Tot Ion: 95 Resp: 198691

Ion Ratio Lower Upper

95 100

174 92.0 0.0 185.2

176 89.0 0.0 178.6



Abundance Ion 94.90 (94.60 to 95.60): VX004467.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX004467.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX004467.D (-1631) (-)

11.14

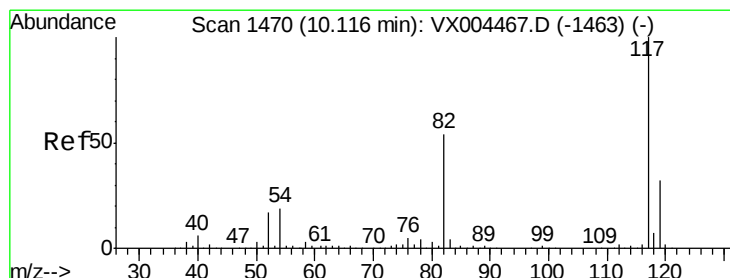
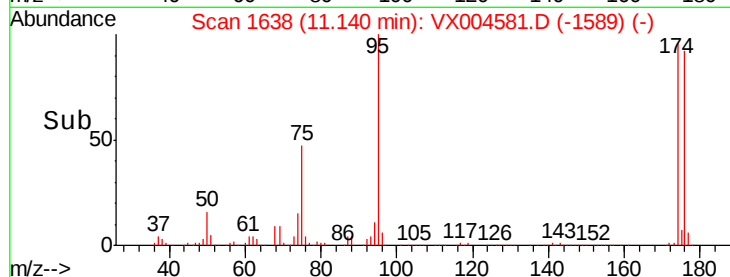
150000

100000

50000

0

Time-->



#63

Chlorobenzene-d5

Concen: 50.00 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX004581.D

Acq: 15 Sep 2018 13:47

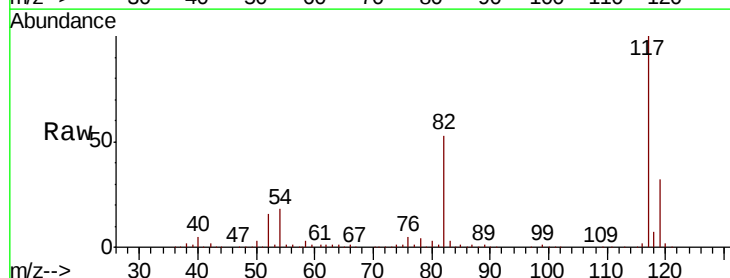
Tgt Ion: 117 Resp: 353765

Ion Ratio Lower Upper

117 100

82 53.1 47.8 71.6

119 32.4 29.3 43.9



Abundance Ion 116.90 (116.60 to 117.60): VX004467.D (-1463) (-)

Ion 82.00 (81.70 to 82.70): VX004467.D (-1463) (-)

Ion 118.90 (118.60 to 119.60): VX004467.D (-1463) (-)

10.12

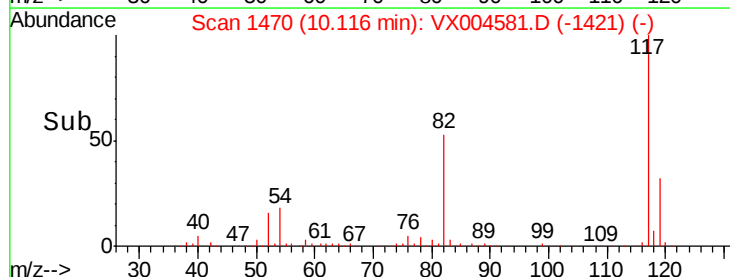
300000

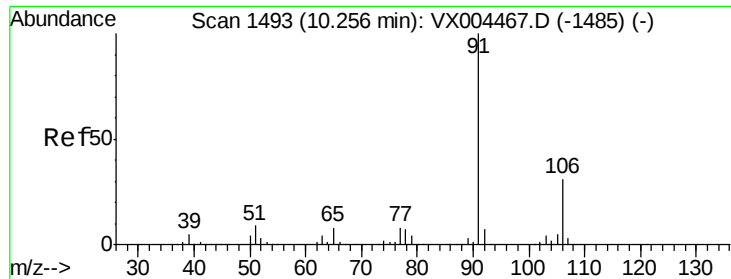
200000

100000

0

Time-->

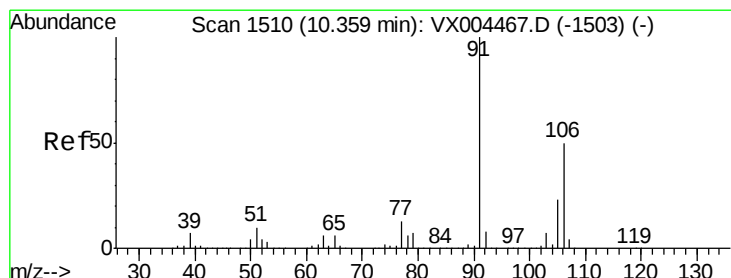
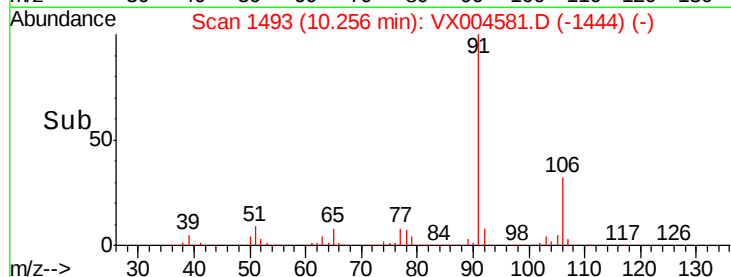
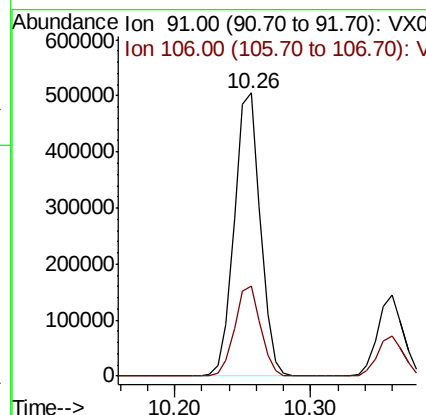
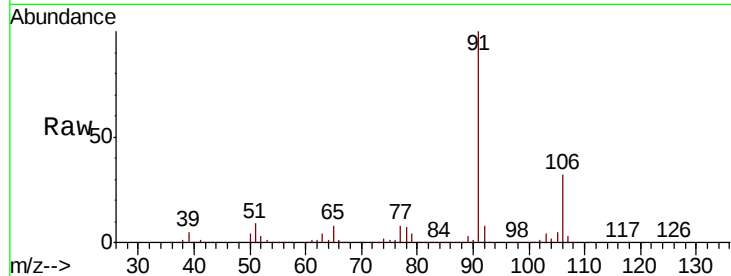




#67
Ethyl Benzene
Concen: 47.07 ug/l
RT: 10.26 min Scan# 1493
Delta R.T. 0.00 min
Lab File: VX004581.D
Acq: 15 Sep 2018 13:47

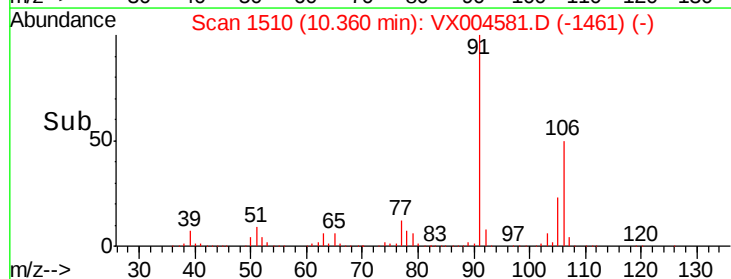
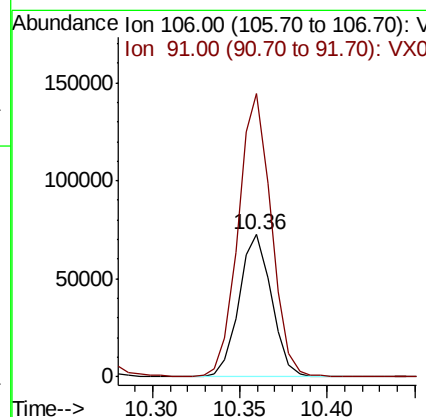
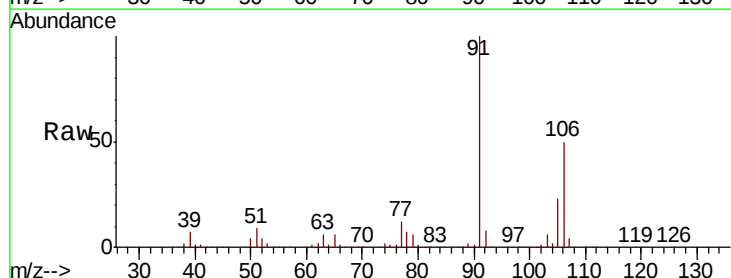
Instrument :
MSVOA_X
ClientSampled :
S13-0260DL

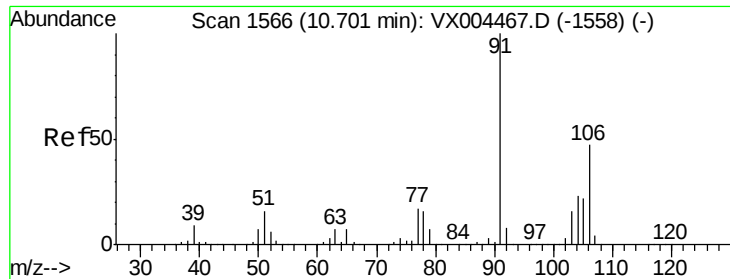
Tot Ion: 91 Resp: 672546
Ion Ratio Lower Upper
91 100
106 31.9 25.9 38.9



#68
m/p-Xylenes
Concen: 17.08 ug/l
RT: 10.36 min Scan# 1510
Delta R.T. 0.00 min
Lab File: VX004581.D
Acq: 15 Sep 2018 13:47

Tgt Ion: 106 Resp: 94008
Ion Ratio Lower Upper
106 100
91 201.0 157.1 235.7

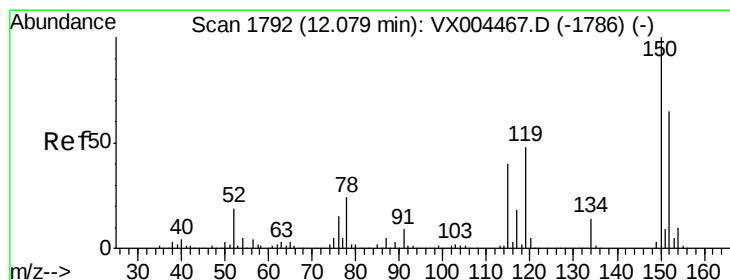
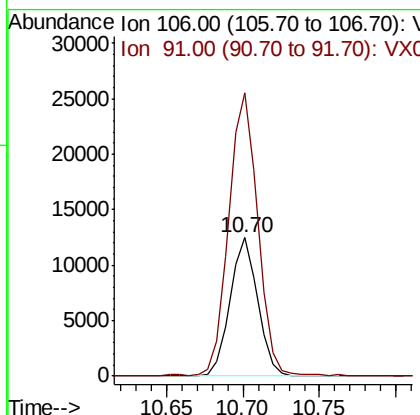
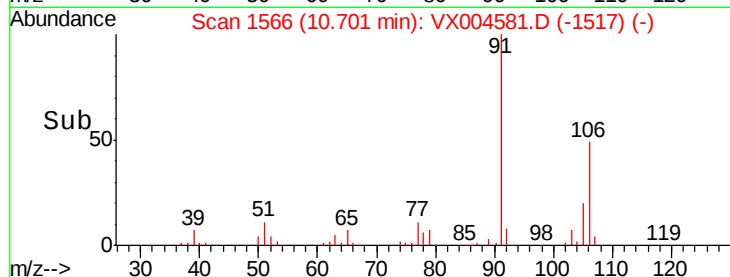
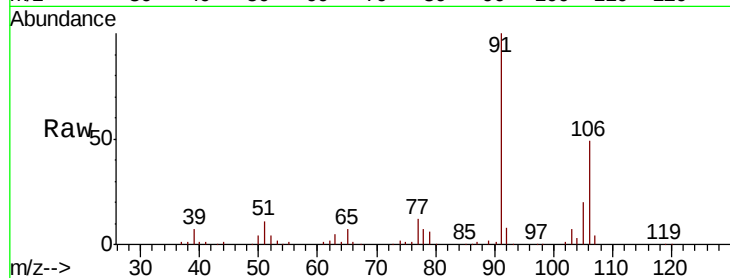




#69
o-Xylene
Concen: 2.96 ug/l
RT: 10.70 min Scan# 1566
Delta R.T. 0.00 min
Lab File: VX004581.D
Acq: 15 Sep 2018 13:47

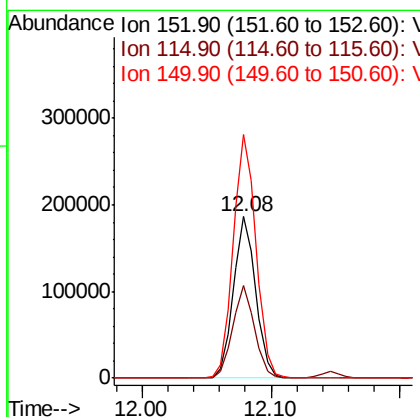
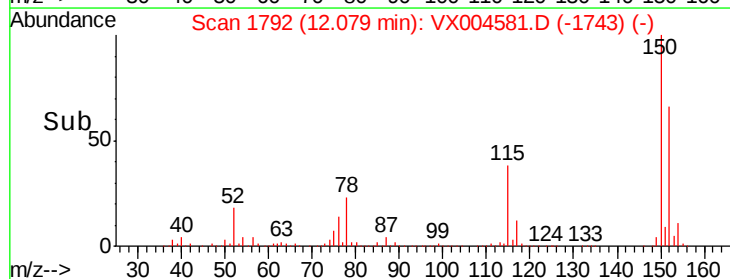
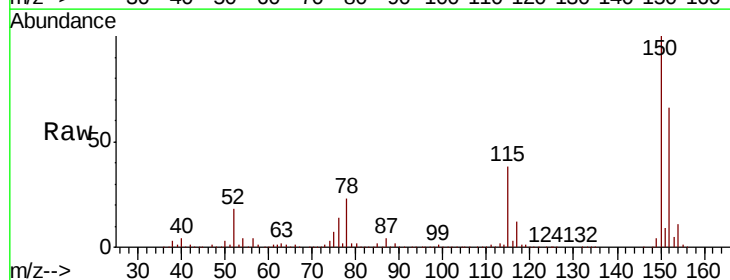
Instrument :
MSVOA_X
ClientSampled :
S13-0260DL

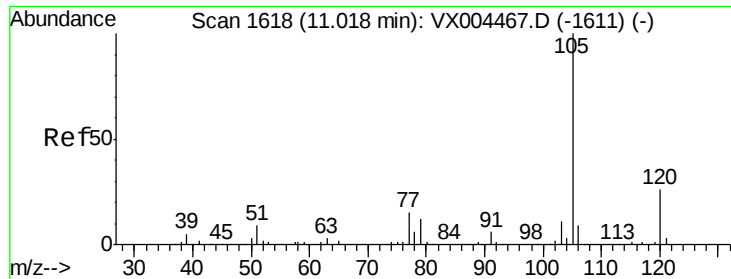
Tot Ion:106 Resp: 15643
Ion Ratio Lower Upper
106 100
91 216.6 105.1 315.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX004581.D
Acq: 15 Sep 2018 13:47

Tgt Ion:152 Resp: 225077
Ion Ratio Lower Upper
152 100
115 56.1 39.0 117.0
150 153.9 0.0 351.0





#73

Isopropylbenzene

Concen: 2.97 ug/l

RT: 11.02 min Scan# 1618

Delta R.T. 0.00 min

Lab File: VX004581.D

Acq: 15 Sep 2018 13:47

Instrument :

MSVOA_X

ClientSampleID :

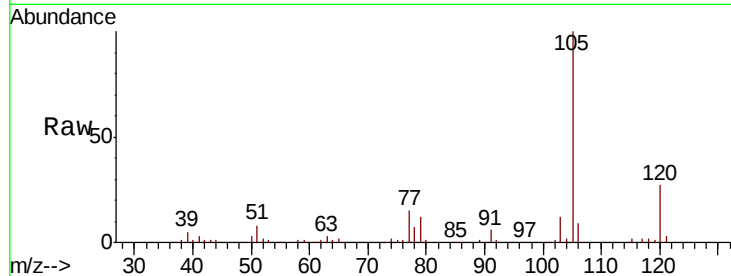
S13-0260DL

Tot Ion:105 Resp: 44065

Ion Ratio Lower Upper

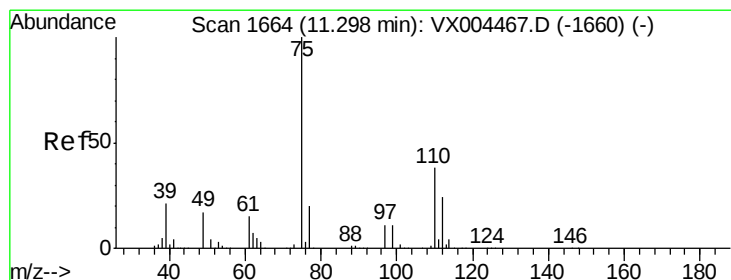
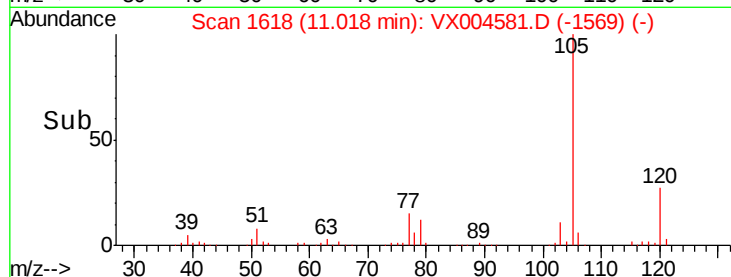
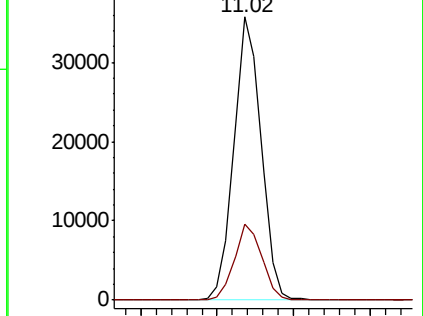
105 100

120 27.1 13.5 40.4



Abundance Ion 105.00 (104.70 to 105.70): V

Ion 120.00 (119.70 to 120.70): V



#76

1,2,3-Trichloropropane

Concen: 20.56 ug/l

RT: 11.14 min Scan# 1638

Delta R.T. -0.16 min

Lab File: VX004581.D

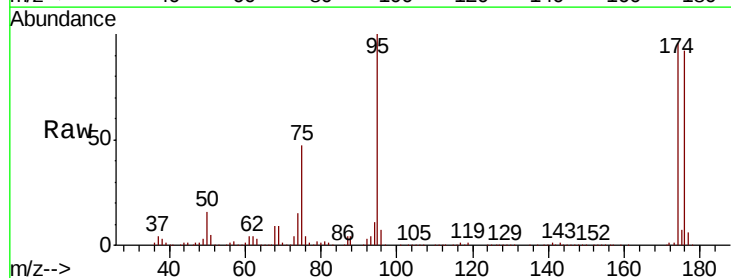
Acq: 15 Sep 2018 13:47

Tgt Ion: 75 Resp: 93081

Ion Ratio Lower Upper

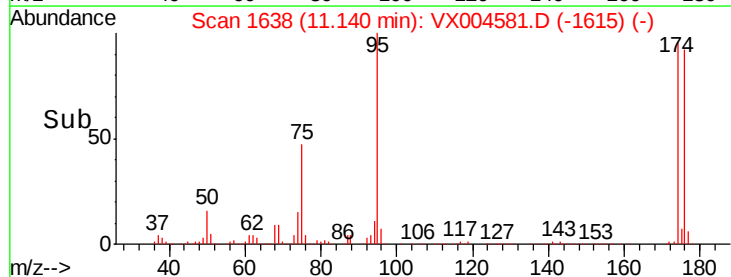
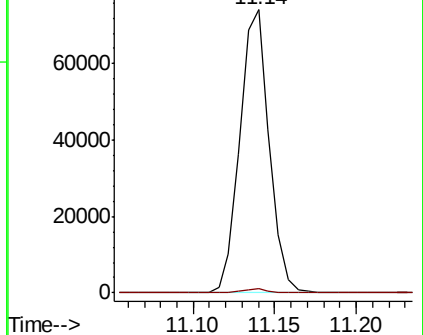
75 100

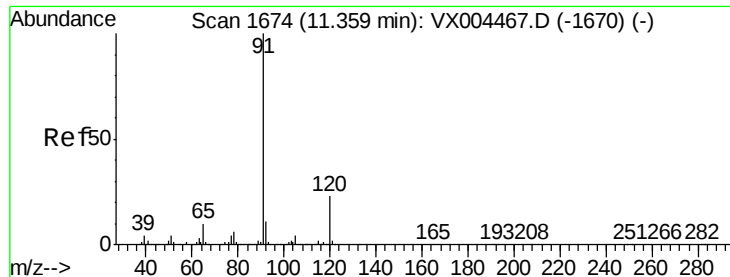
77 1.4 20.2 60.6#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#78

n-propylbenzene

Concen: 3.62 ug/l

RT: 11.36 min Scan# 1674

Delta R.T. 0.00 min

Lab File: VX004581.D

Acq: 15 Sep 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

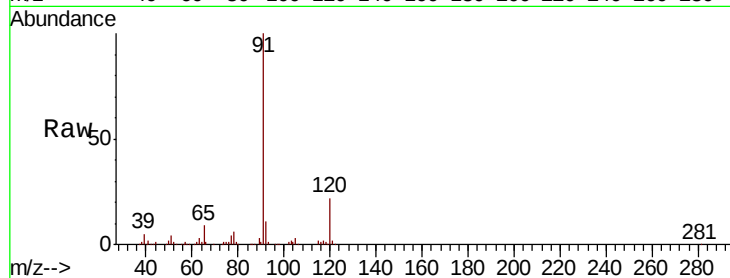
S13-0260DL

Tot Ion: 91 Resp: 61677

Ion Ratio Lower Upper

91 100

120 22.8 11.9 35.9



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 120.00 (119.70 to 120.70): V

11.36

60000

50000

40000

30000

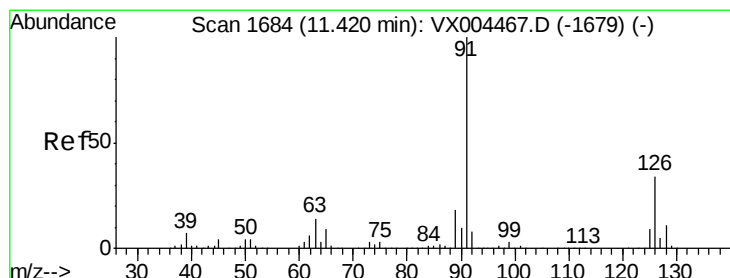
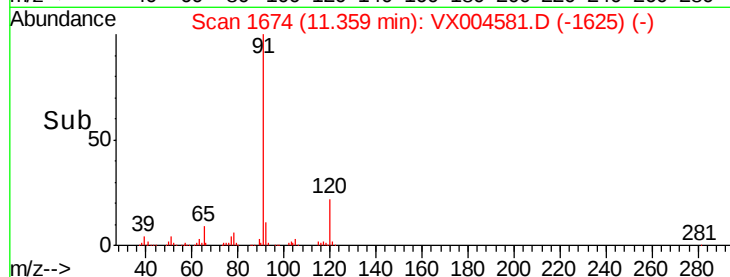
20000

10000

0

Time-->

11.30 11.35 11.40



#79

2-Chlorotoluene

Concen: 0.44 ug/l

RT: 11.43 min Scan# 1686

Delta R.T. 0.01 min

Lab File: VX004581.D

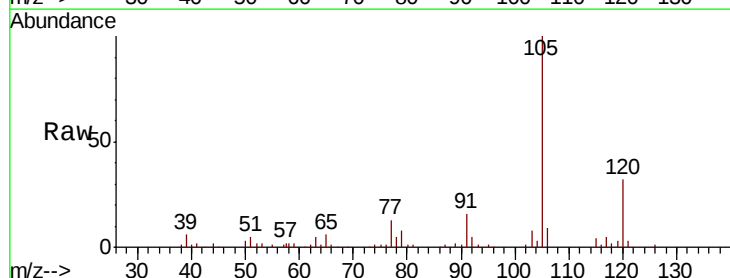
Acq: 15 Sep 2018 13:47

Tgt Ion: 91 Resp: 4566

Ion Ratio Lower Upper

91 100

126 3.0 17.9 53.7#



Abundance Ion 91.00 (90.70 to 91.70): VX0

Ion 125.90 (125.60 to 126.60): V

50000

40000

30000

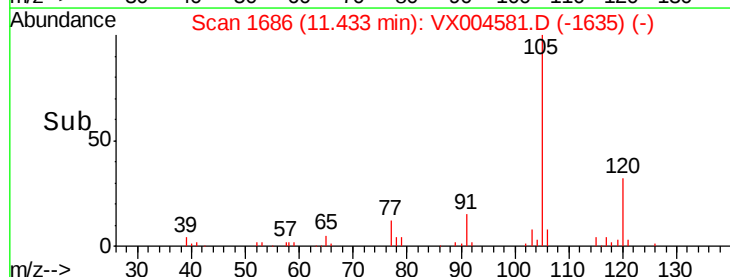
20000

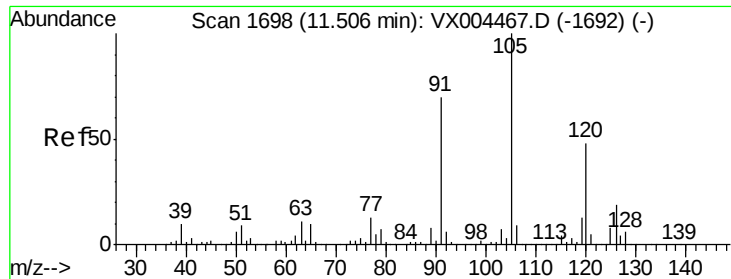
10000

0

Time-->

11.40 11.45 11.50

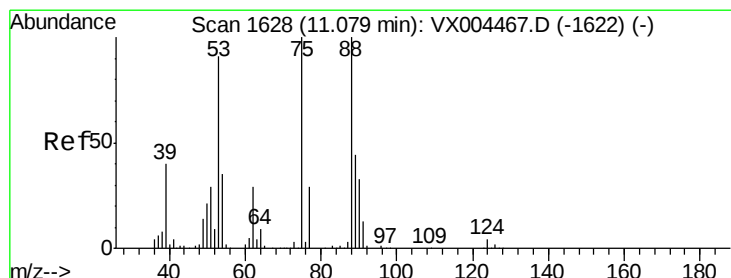
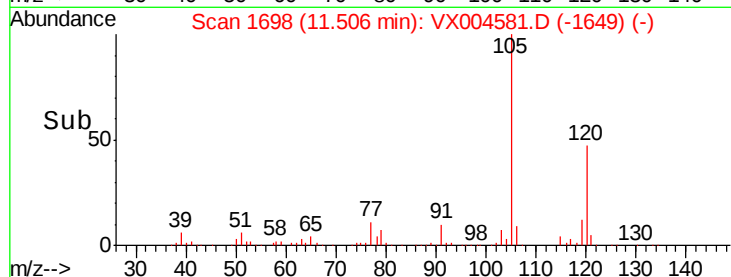
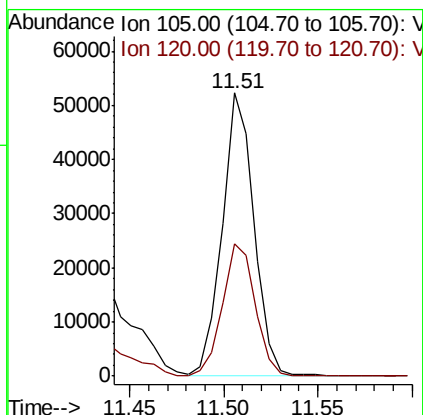
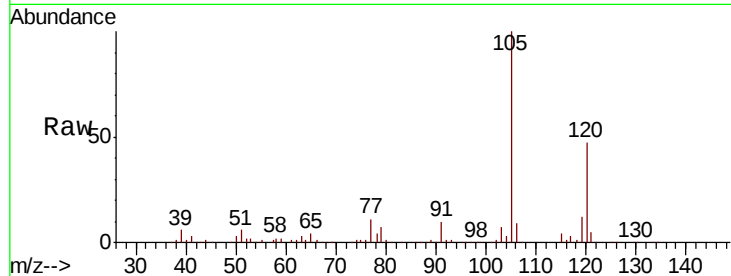




#80
 1,3,5-Trimethylbenzene
 Concen: 4.86 ug/l
 RT: 11.51 min Scan# 1698
 Delta R.T. 0.00 min
 Lab File: VX004581.D
 Acq: 15 Sep 2018 13:47

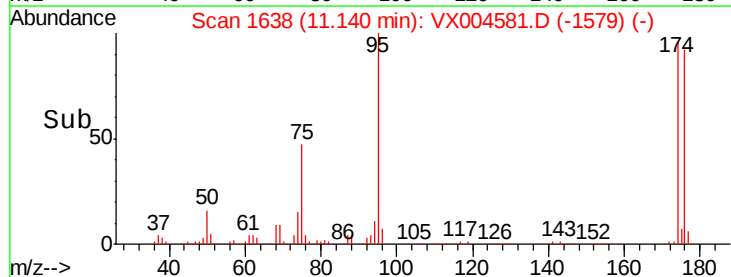
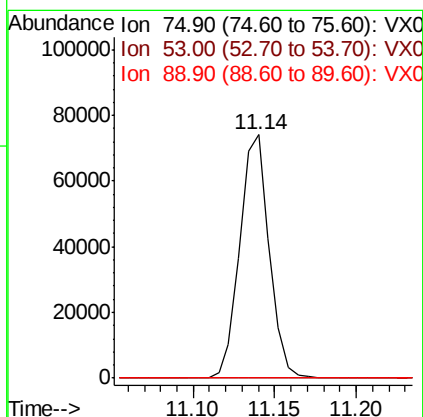
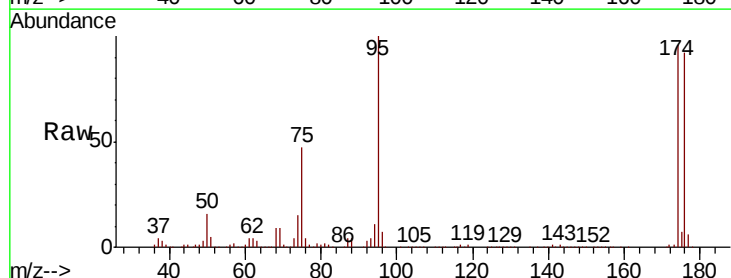
Instrument :
 MSVOA_X
 ClientSampled :
 S13-0260DL

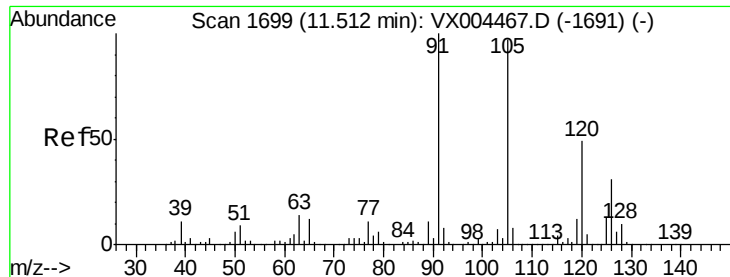
Tot Ion:105 Resp: 60598
 Ion Ratio Lower Upper
 105 100
 120 48.4 25.6 76.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 65.52 ug/l
 RT: 11.14 min Scan# 1638
 Delta R.T. 0.06 min
 Lab File: VX004581.D
 Acq: 15 Sep 2018 13:47

Tgt Ion: 75 Resp: 93081
 Ion Ratio Lower Upper
 75 100
 53 0.1 80.1 120.1#
 89 0.0 37.2 55.8#





#82

4-Chlorotoluene

Concen: 0.55 ug/l

RT: 11.51 min Scan# 1698

Delta R.T. -0.01 min

Lab File: VX004581.D

Acq: 15 Sep 2018 13:47

Instrument :

MSVOA_X

ClientSampleID :

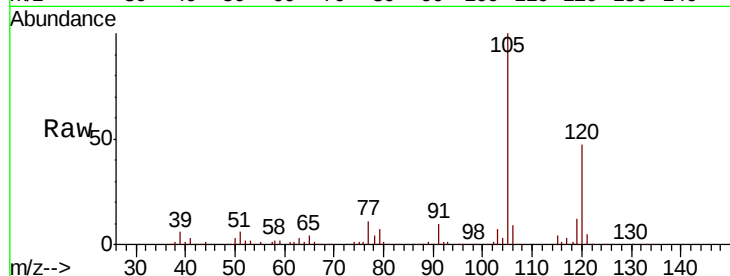
S13-0260DL

Tot Ion: 91 Resp: 6616

Ion Ratio Lower Upper

91 100

126 3.7 15.5 46.5#



Abundance Ion 91.00 (90.70 to 91.70): VX004467.D (-1691) (-)

Ion 125.90 (125.60 to 126.60): VX004467.D (-1691) (-)

11.51

6000

5000

4000

3000

2000

1000

0

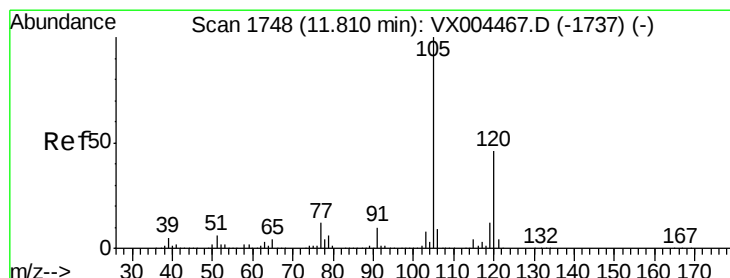
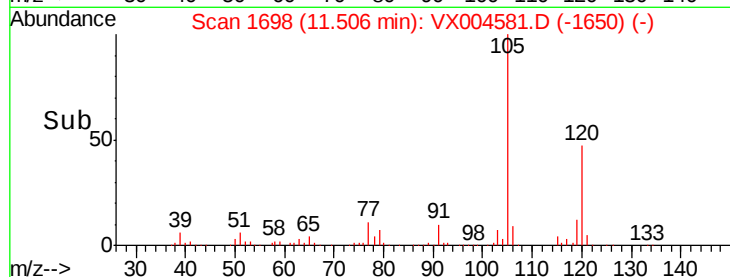
Time-->

11.45

11.50

11.55

11.60



#84

1,2,4-Trimethylbenzene

Concen: 31.82 ug/l

RT: 11.81 min Scan# 1748

Delta R.T. 0.00 min

Lab File: VX004581.D

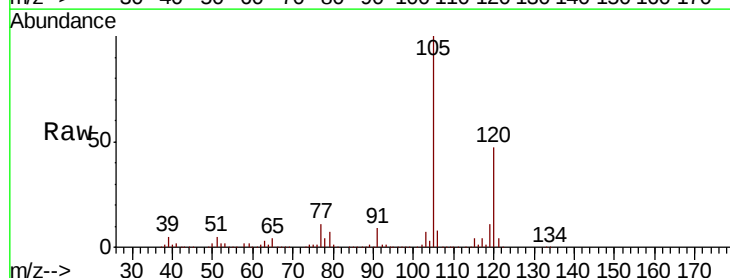
Acq: 15 Sep 2018 13:47

Tgt Ion:105 Resp: 404850

Ion Ratio Lower Upper

105 100

120 47.0 23.2 69.6



Abundance Ion 105.00 (104.70 to 105.70): VX004467.D (-1737) (-)

Ion 120.00 (119.70 to 120.70): VX004467.D (-1737) (-)

11.81

400000

300000

200000

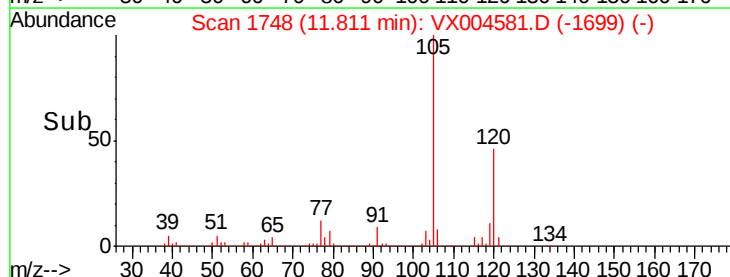
100000

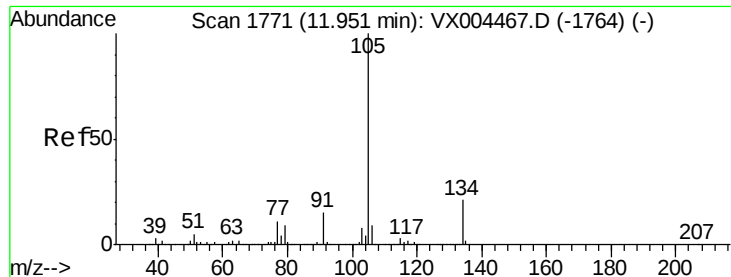
0

Time-->

11.80

11.90

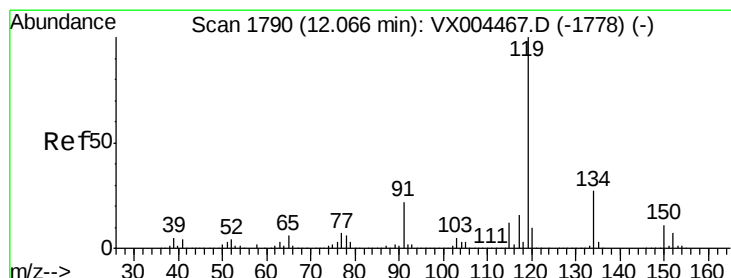
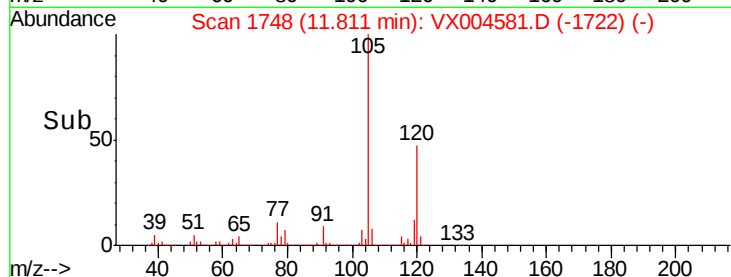
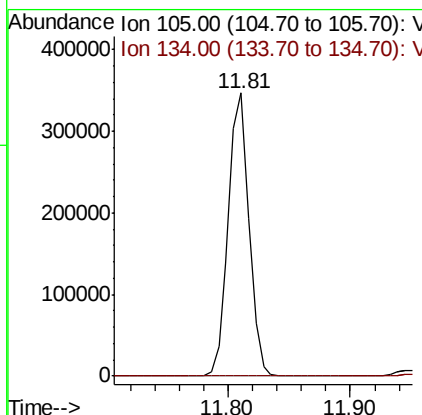
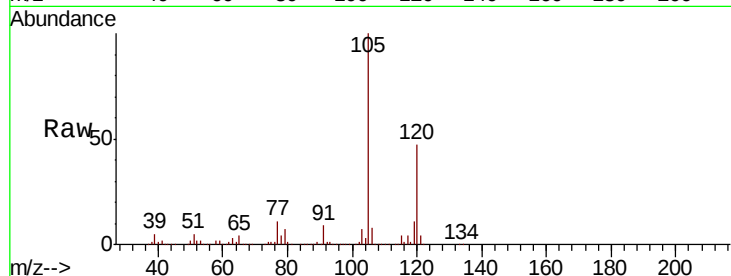




#85
 sec-Butylbenzene
 Concen: 26.78 ug/l
 RT: 11.81 min Scan# 1748
 Delta R.T. -0.14 min
 Lab File: VX004581.D
 Acq: 15 Sep 2018 13:47

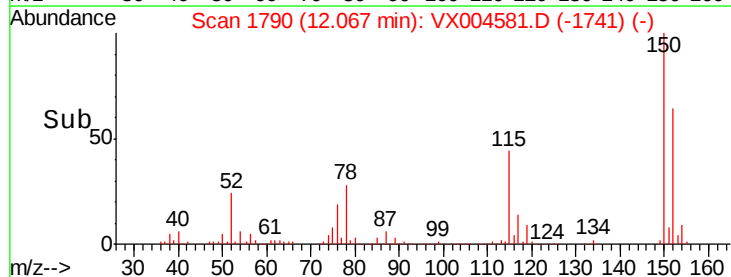
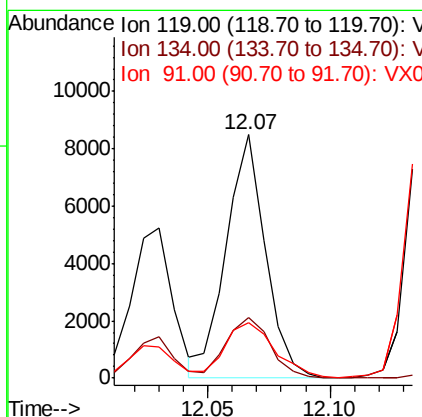
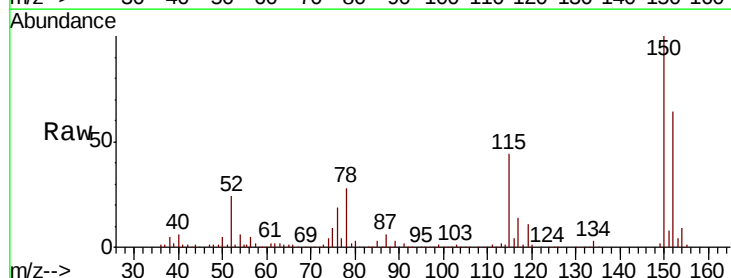
Instrument :
 MSVOA_X
 ClientSampleId :
 S13-0260DL

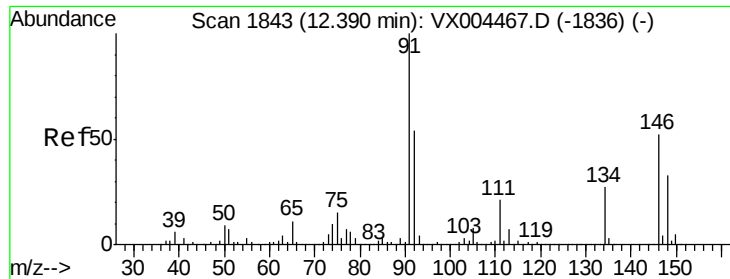
Tot Ion:105 Resp: 404850
 Ion Ratio Lower Upper
 105 100
 134 0.1 10.5 31.5#



#86
 p-Isopropyltoluene
 Concen: 0.71 ug/l
 RT: 12.07 min Scan# 1790
 Delta R.T. 0.00 min
 Lab File: VX004581.D
 Acq: 15 Sep 2018 13:47

Tgt Ion:119 Resp: 9456
 Ion Ratio Lower Upper
 119 100
 134 27.6 13.4 40.2
 91 28.7 10.9 32.7





#89

n-Butylbenzene

Concen: 0.95 ug/l

RT: 12.39 min Scan# 1843

Delta R.T. 0.00 min

Lab File: VX004581.D

Acq: 15 Sep 2018 13:47

Instrument :

MSVOA_X

ClientSampleID :

S13-0260DL

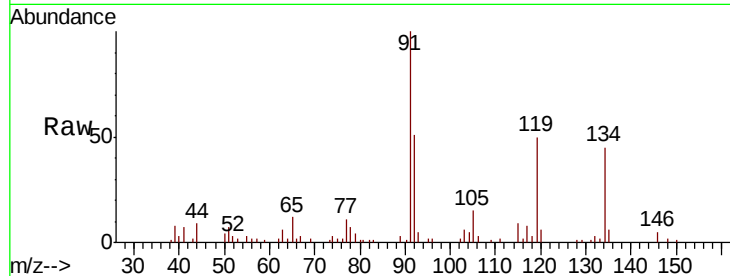
Tot Ion: 91 Resp: 11532

Ion Ratio Lower Upper

91 100

92 36.6 27.3 81.9

134 98.1 13.6 40.7#

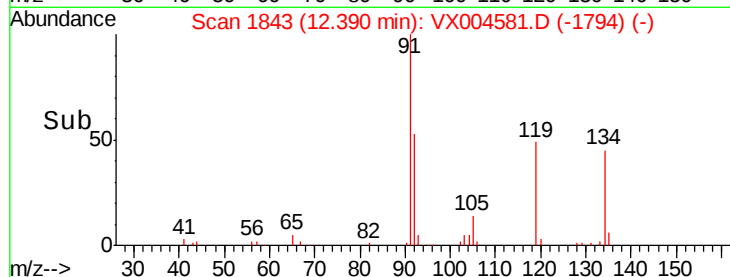


Abundance Ion 91.00 (90.70 to 91.70): VX004467.D (-1836) (-)

Ion 92.00 (91.70 to 92.70): VX004467.D (-1836) (-)

Ion 134.00 (133.70 to 134.70): VX004467.D (-1836) (-)

Time-->

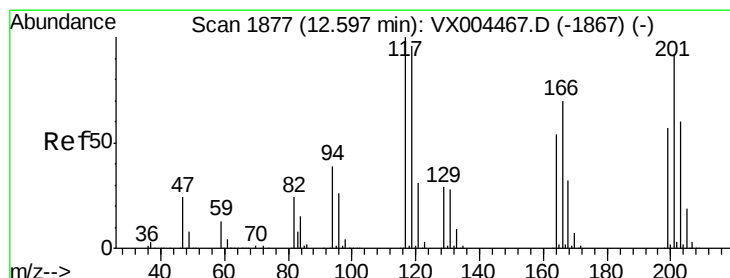


Abundance Ion 91.00 (90.70 to 91.70): VX004581.D (-1794) (-)

Ion 92.00 (91.70 to 92.70): VX004581.D (-1794) (-)

Ion 134.00 (133.70 to 134.70): VX004581.D (-1794) (-)

Time-->



#90

Hexachloroethane

Concen: 1.38 ug/l

RT: 12.59 min Scan# 1876

Delta R.T. -0.01 min

Lab File: VX004581.D

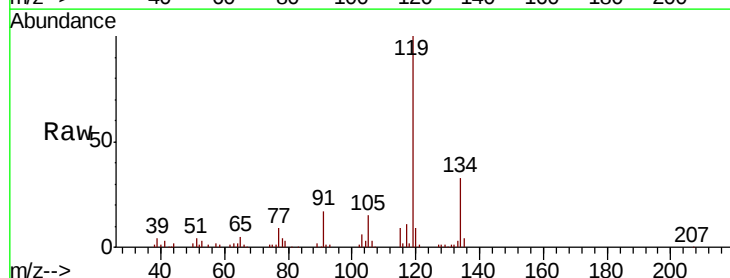
Acq: 15 Sep 2018 13:47

Tgt Ion: 117 Resp: 2943

Ion Ratio Lower Upper

117 100

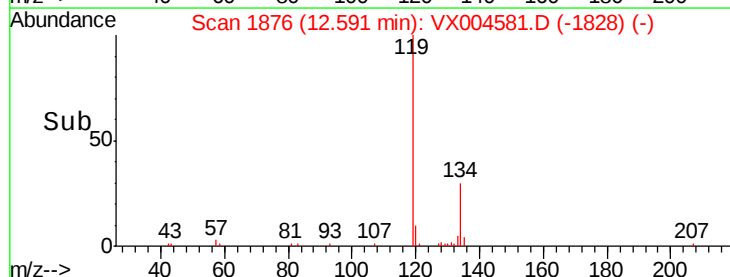
201 0.0 46.9 140.6#



Abundance Ion 116.80 (116.50 to 117.50): VX004467.D (-1867) (-)

Ion 200.70 (200.40 to 201.40): VX004467.D (-1867) (-)

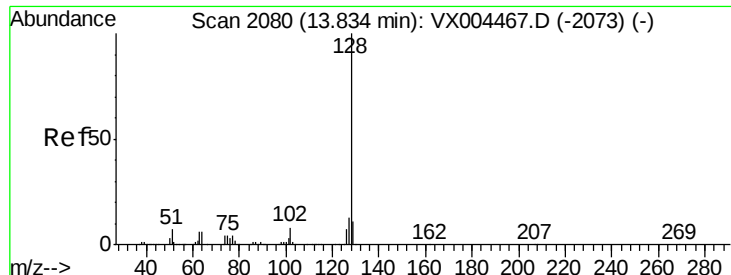
Time-->



Abundance Ion 116.80 (116.50 to 117.50): VX004581.D (-1828) (-)

Ion 200.70 (200.40 to 201.40): VX004581.D (-1828) (-)

Time-->



#95

Naphthalene

Concen: 12.04 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX004581.D

Acq: 15 Sep 2018 13:47

Instrument :

MSVOA_X

ClientSampleId :

S13-0260DL

Tot Ion:128 Resp: 185007

Ion Ratio Lower Upper

128 100

127 12.5 10.2 15.2

129 10.4 8.6 12.8

