

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102519\
 Data File : VX013235.D
 Acq On : 25 Oct 2019 16:50
 Operator : JC/SP
 Sample : K5532-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0672

Quant Time: Oct 29 12:12:46 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X102419W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 24 03:56:38 2019
 Response via : Initial Calibration

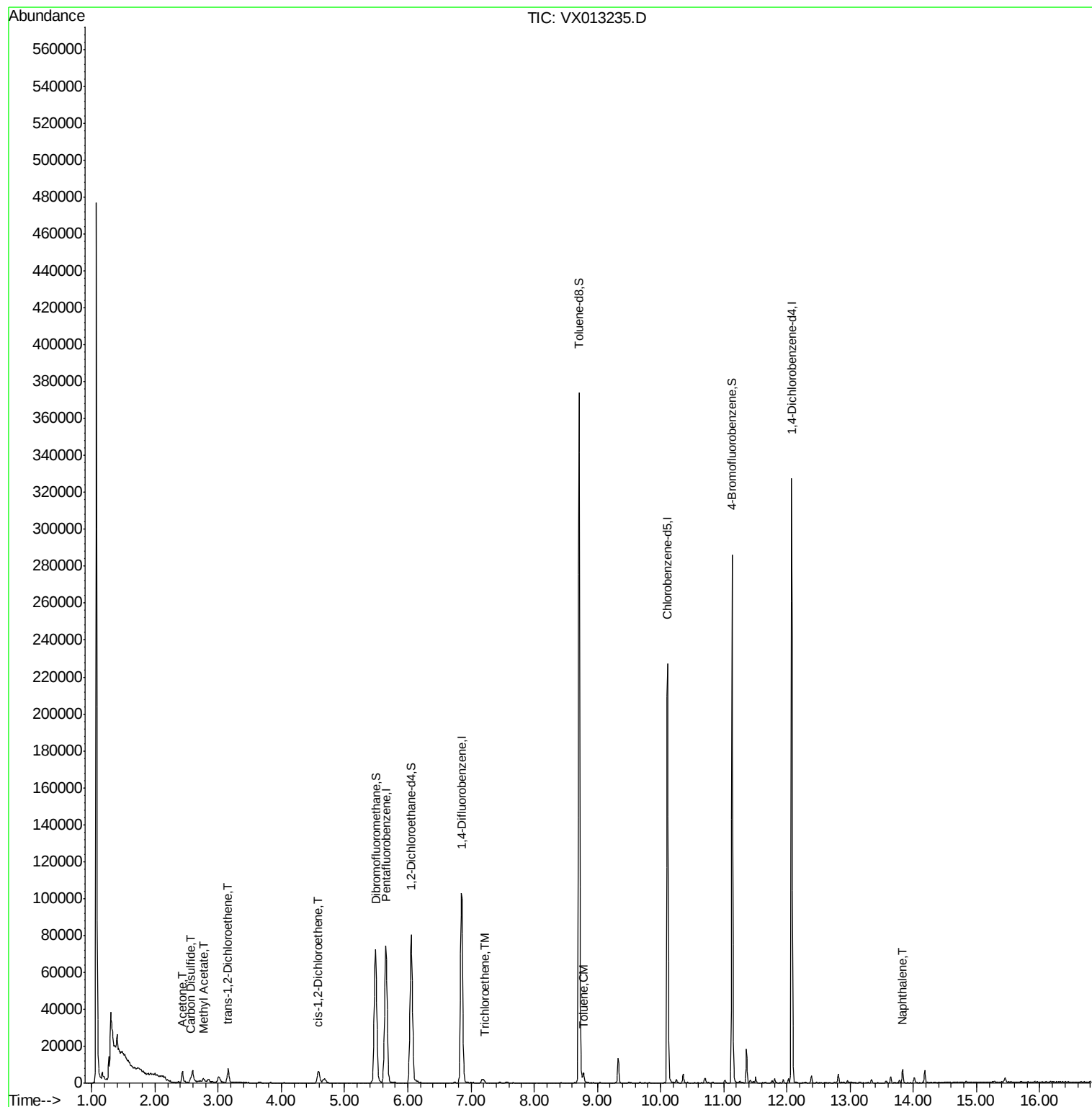
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	70444	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	105607	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	102426	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	64943	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	82259	55.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.66%	
35) Dibromofluoromethane	5.49	113	63047	53.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.08%	
50) Toluene-d8	8.71	98	222620	51.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.02%	
62) 4-Bromofluorobenzene	11.14	95	80846	46.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.60%	
Target Compounds						
					Qvalue	
16) Acetone	2.44	43	6504	9.370	ug/l	98
17) Carbon Disulfide	2.56	76	4344	1.346	ug/l	97
18) Methyl Acetate	2.76	43	1730	2.088	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	3140	2.967	ug/l	86
27) cis-1,2-Dichloroethene	4.58	96	3953	2.690	ug/l	93
44) Trichloroethene	7.22	130	585	0.389	ug/l	41
52) Toluene	8.78	92	1870	0.532	ug/l	95
95) Naphthalene	13.83	128	4516	0.931	ug/l	99

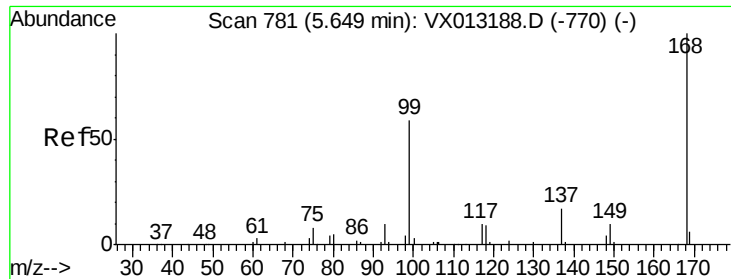
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Oct 24 03:56:38 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX013235.D

Acq: 25 Oct 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

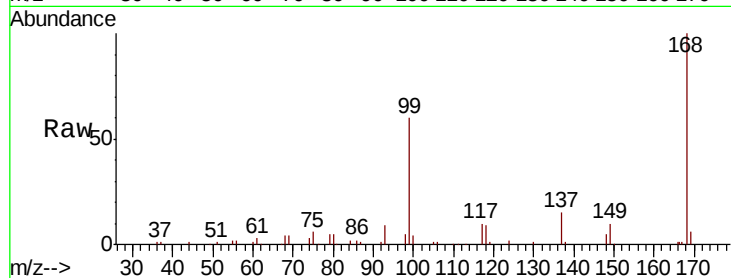
S32-0672

Tot Ion:168 Resp: 70444

Ion Ratio Lower Upper

168 100

99 60.0 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

25000

20000

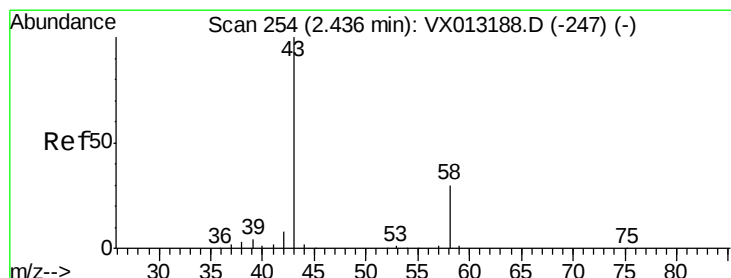
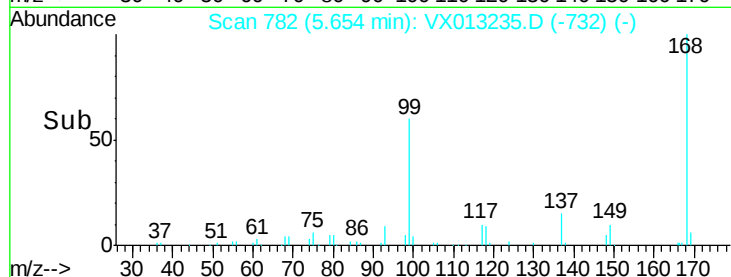
15000

10000

5000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.370 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013235.D

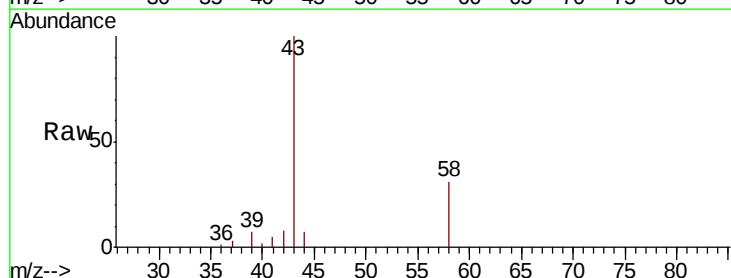
Acq: 25 Oct 2019 16:50

Tgt Ion: 43 Resp: 6504

Ion Ratio Lower Upper

43 100

58 31.0 23.8 35.6



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

4000

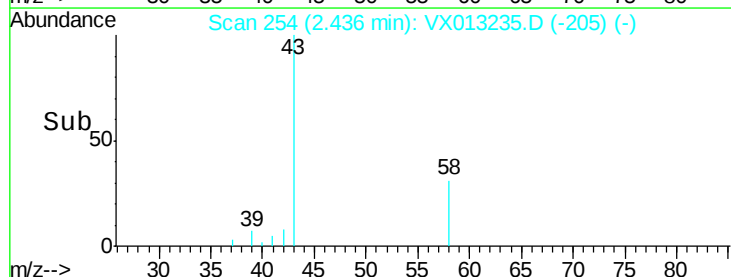
3000

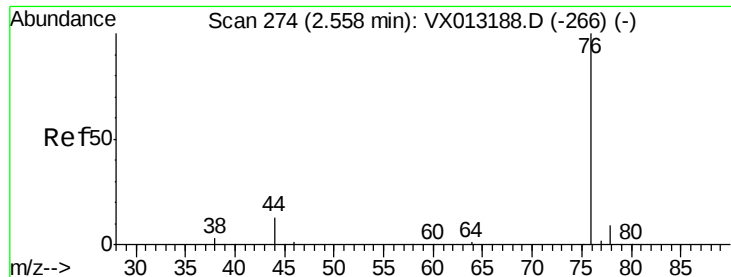
2000

1000

0

Time--> 2.35 2.40 2.45 2.50

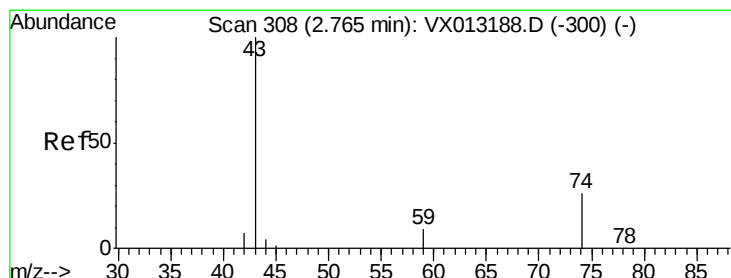
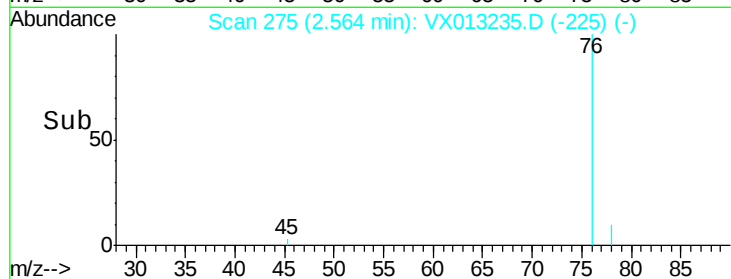
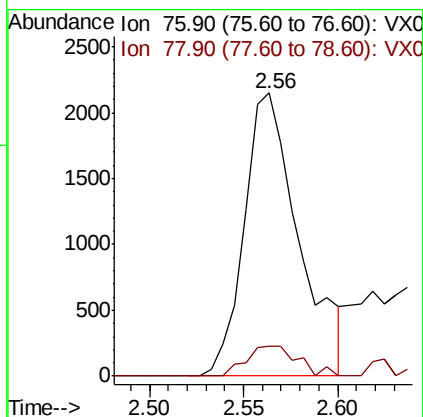
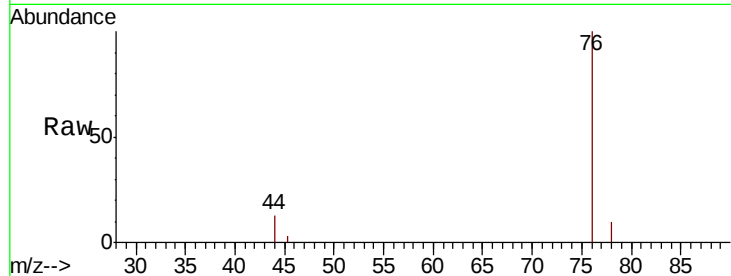




#17
Carbon Disulfide
Concen: 1.346 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013235.D
Acq: 25 Oct 2019 16:50

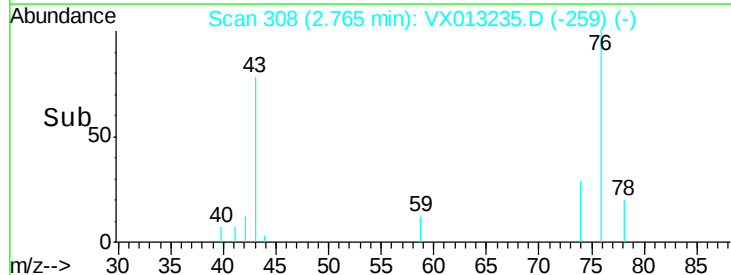
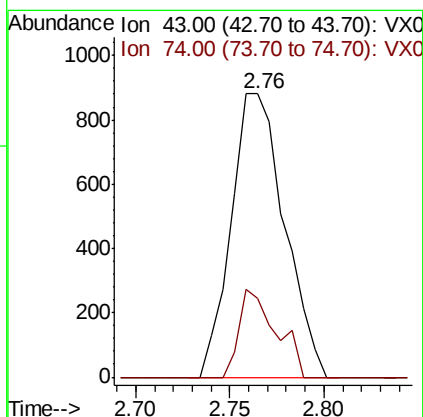
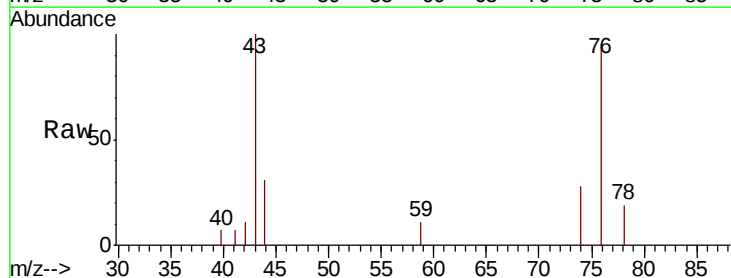
Instrument :
MSVOA_X
ClientSampleId :
S32-0672

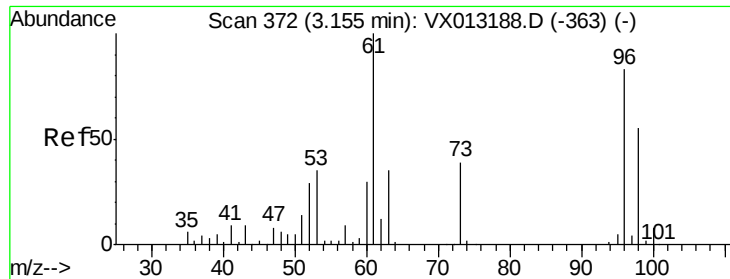
Tot Ion: 76 Resp: 4344
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.2



#18
Methyl Acetate
Concen: 2.088 ug/l
RT: 2.76 min Scan# 308
Delta R.T. 0.00 min
Lab File: VX013235.D
Acq: 25 Oct 2019 16:50

Tgt Ion: 43 Resp: 1730
Ion Ratio Lower Upper
43 100
74 21.5 20.9 31.3





#21

trans-1,2-Dichloroethene

Concen: 2.967 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX013235.D

Acq: 25 Oct 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

S32-0672

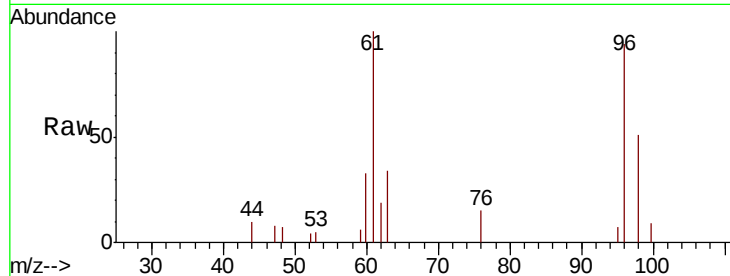
Tot Ion: 96 Resp: 3140

Ion Ratio Lower Upper

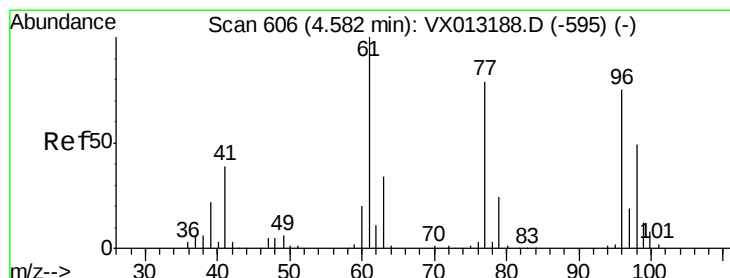
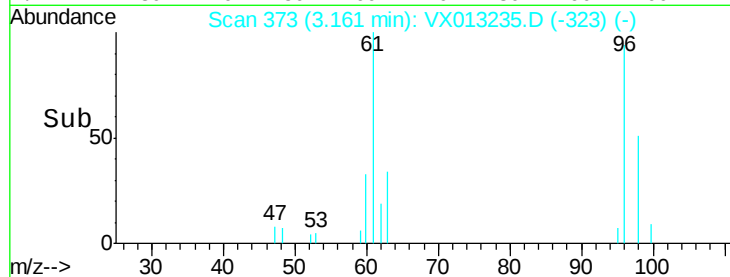
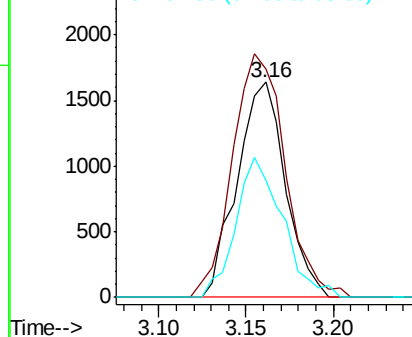
96 100

61 106.1 96.9 145.3

98 54.6 53.0 79.4



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



#27

cis-1,2-Dichloroethene

Concen: 2.690 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.00 min

Lab File: VX013235.D

Acq: 25 Oct 2019 16:50

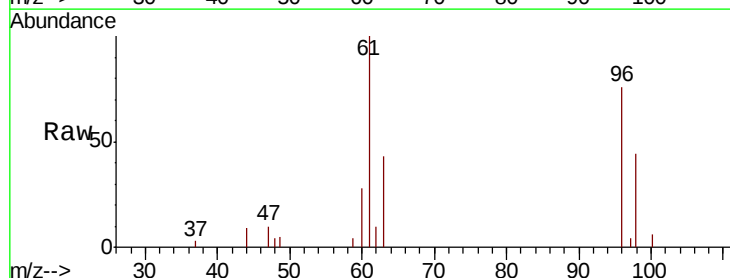
Tgt Ion: 96 Resp: 3953

Ion Ratio Lower Upper

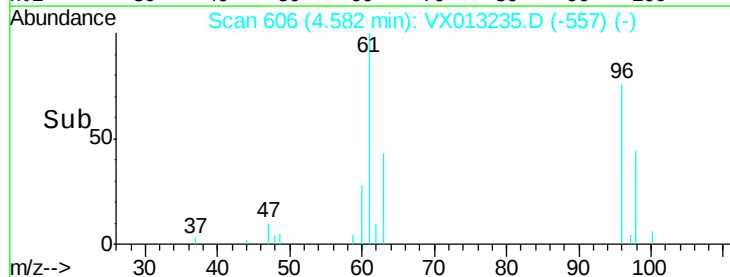
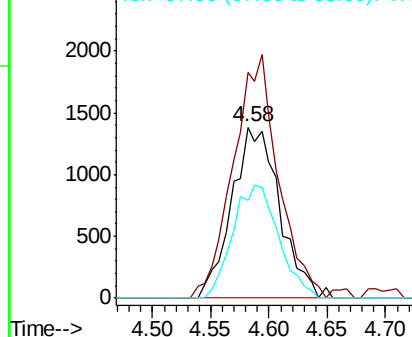
96 100

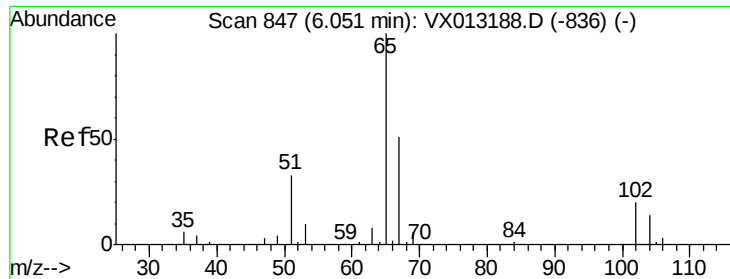
61 134.2 0.0 290.4

98 63.5 0.0 130.4



Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

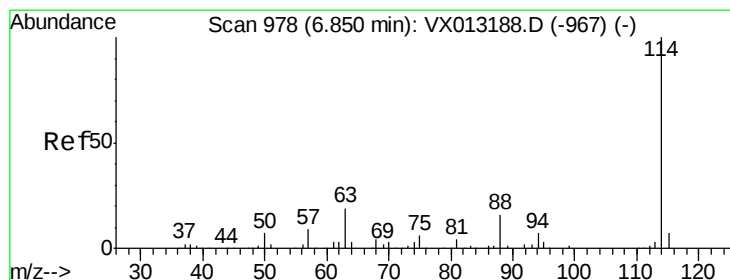
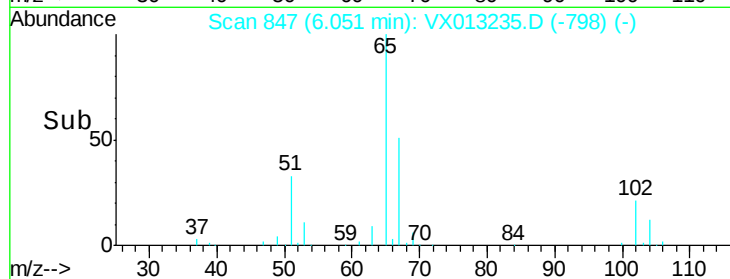
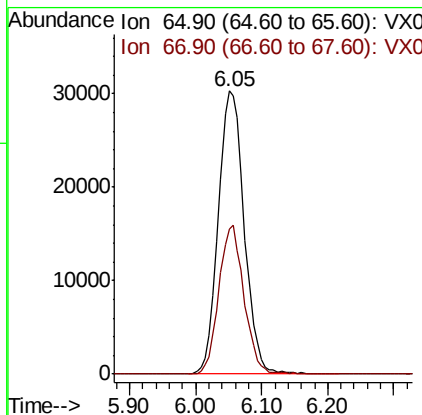
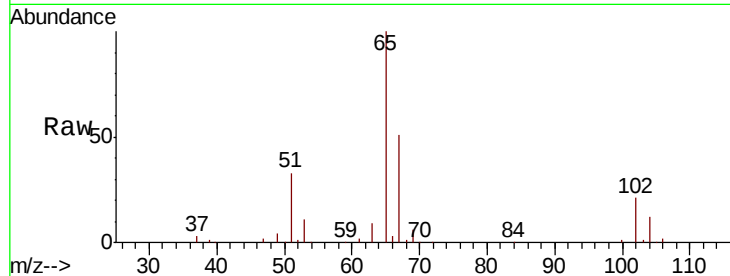




#33
 1,2-Dichloroethane-d4
 Concen: 55.830 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: VX013235.D
 Acq: 25 Oct 2019 16:50

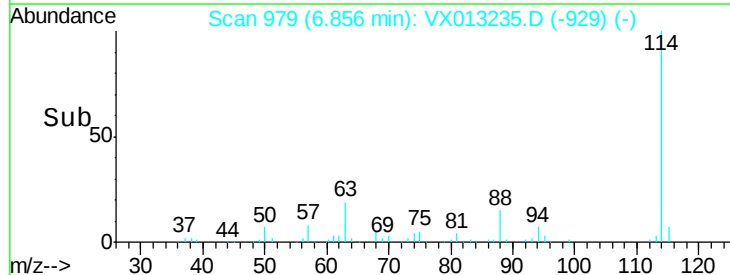
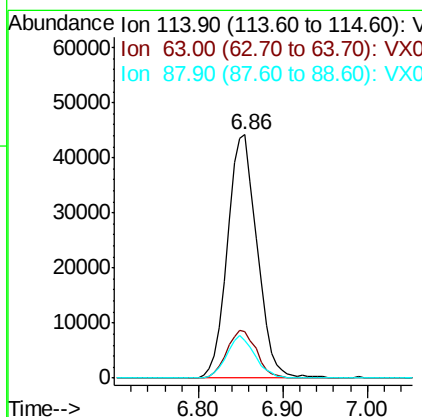
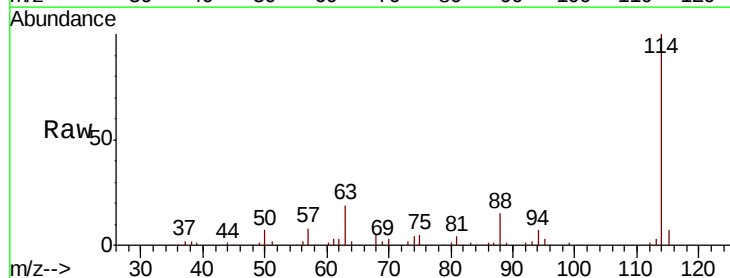
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0672

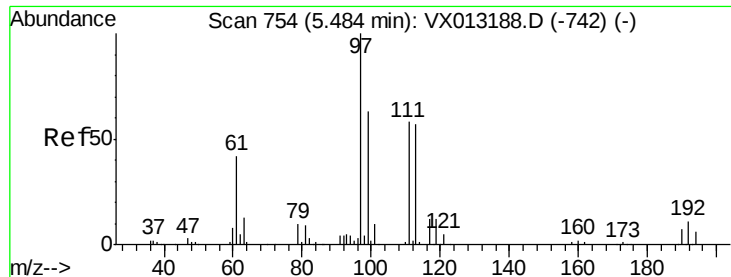
Tot Ion: 65 Resp: 82259
 Ion Ratio Lower Upper
 65 100
 67 50.9 0.0 102.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.86 min Scan# 979
 Delta R.T. 0.01 min
 Lab File: VX013235.D
 Acq: 25 Oct 2019 16:50

Tgt Ion: 114 Resp: 105607
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 39.0
 88 15.3 0.0 32.0

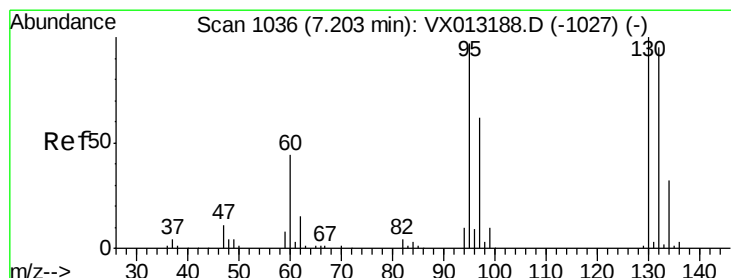
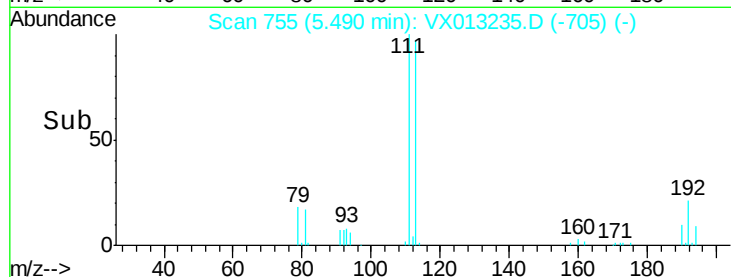
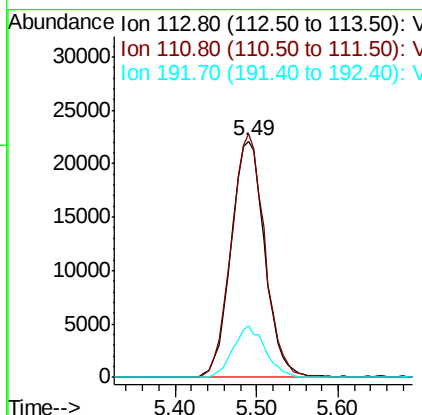
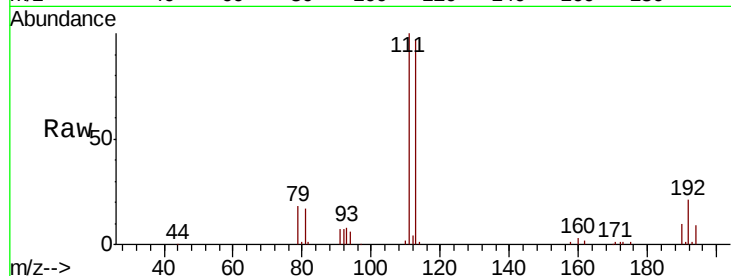




#35
 Dibromofluoromethane
 Concen: 53.535 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX013235.D
 Acq: 25 Oct 2019 16:50

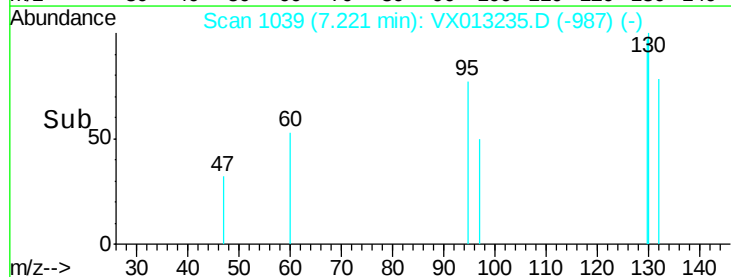
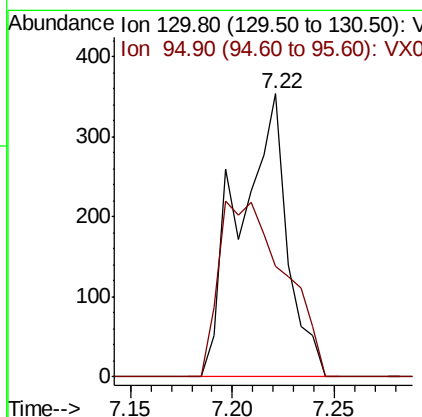
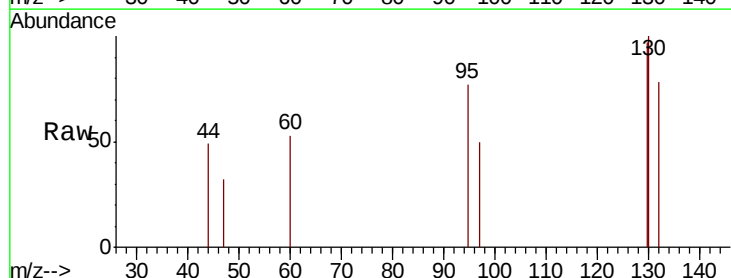
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0672

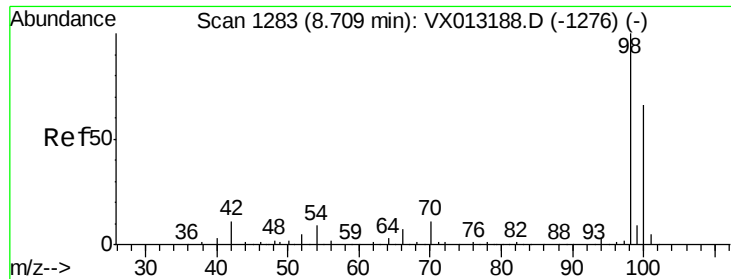
Tot Ion:113 Resp: 63047
 Ion Ratio Lower Upper
 113 100
 111 102.1 80.3 120.5
 192 20.8 15.9 23.9



#44
 Trichloroethene
 Concen: 0.389 ug/l
 RT: 7.22 min Scan# 1039
 Delta R.T. 0.02 min
 Lab File: VX013235.D
 Acq: 25 Oct 2019 16:50

Tgt Ion:130 Resp: 585
 Ion Ratio Lower Upper
 130 100
 95 39.1 0.0 193.6

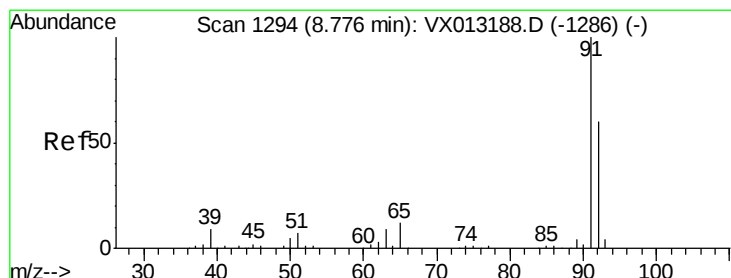
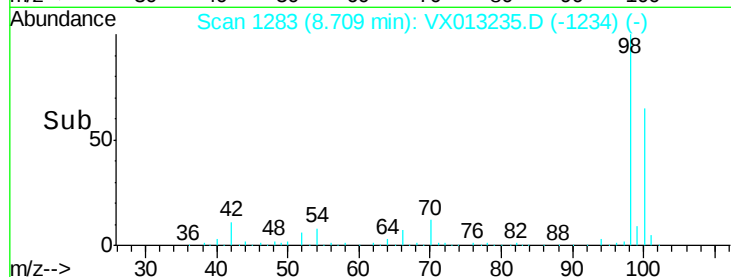
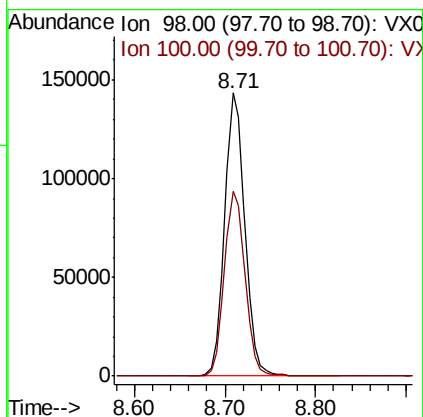
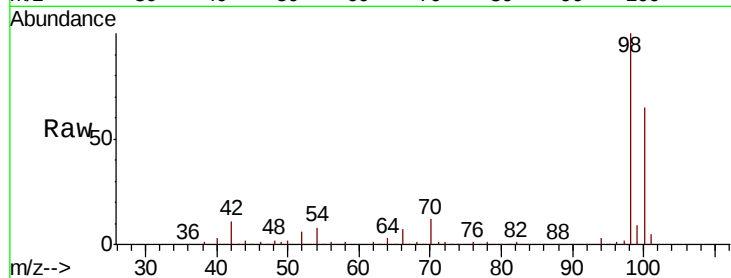




#50
Toluene-d8
Concen: 51.009 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. -0.00 min
Lab File: VX013235.D
Acq: 25 Oct 2019 16:50

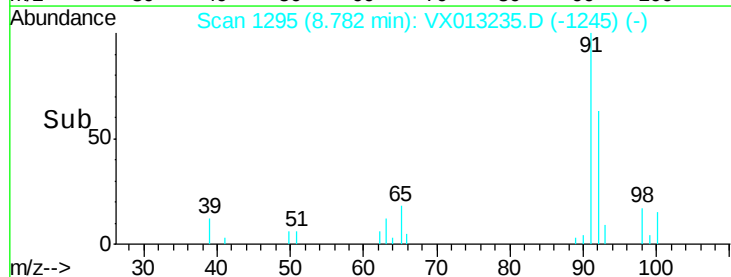
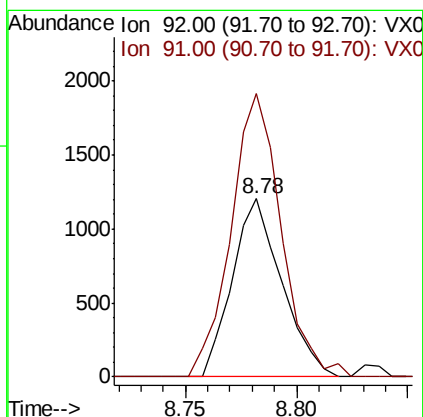
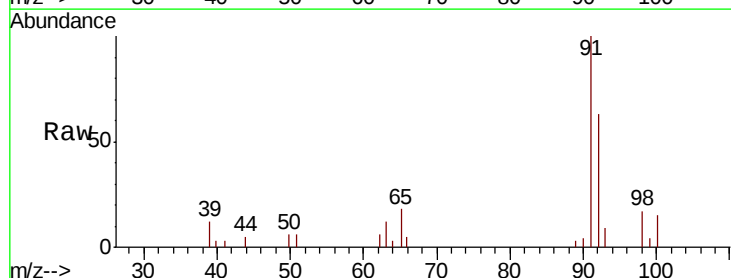
Instrument :
MSVOA_X
ClientSampleId :
S32-0672

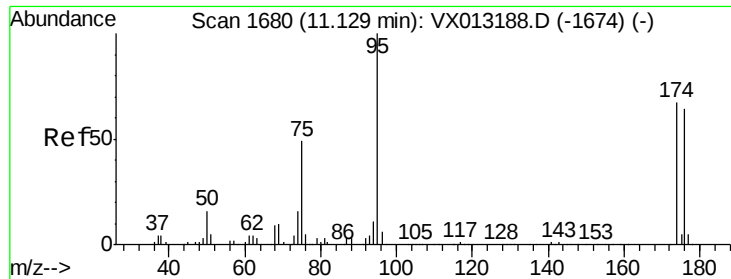
Tot Ion: 98 Resp: 222620
Ion Ratio Lower Upper
98 100
100 67.2 53.3 79.9



#52
Toluene
Concen: 0.532 ug/l
RT: 8.78 min Scan# 1295
Delta R.T. 0.01 min
Lab File: VX013235.D
Acq: 25 Oct 2019 16:50

Tgt Ion: 92 Resp: 1870
Ion Ratio Lower Upper
92 100
91 160.4 133.9 200.9





#62

4-Bromofluorobenzene

Concen: 46.802 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.01 min

Lab File: VX013235.D

Acq: 25 Oct 2019 16:50

Instrument :

MSVOA_X

ClientSampleId :

S32-0672

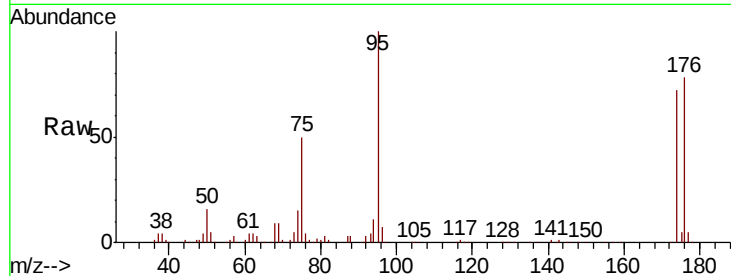
Tot Ion: 95 Resp: 80846

Ion Ratio Lower Upper

95 100

174 75.3 0.0 152.4

176 75.3 0.0 146.0



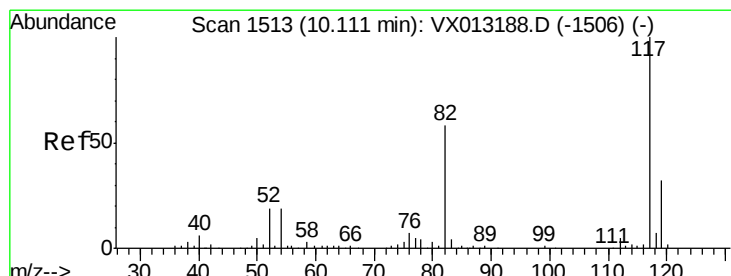
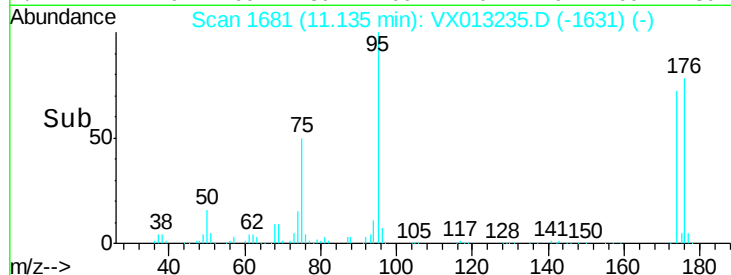
Abundance Ion 94.90 (94.60 to 95.60): VX013188.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX013188.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX013188.D (-1674) (-)

Time-->

11.14



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. -0.00 min

Lab File: VX013235.D

Acq: 25 Oct 2019 16:50

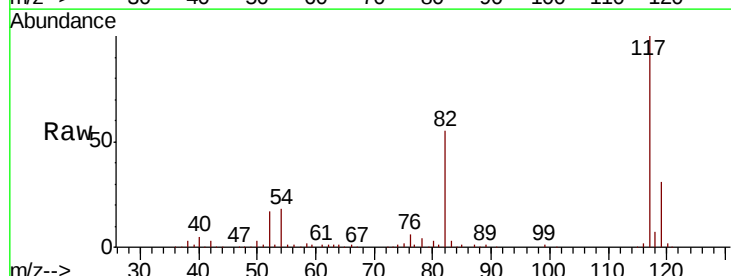
Tgt Ion: 117 Resp: 102426

Ion Ratio Lower Upper

117 100

82 54.6 46.5 69.7

119 31.3 25.2 37.8



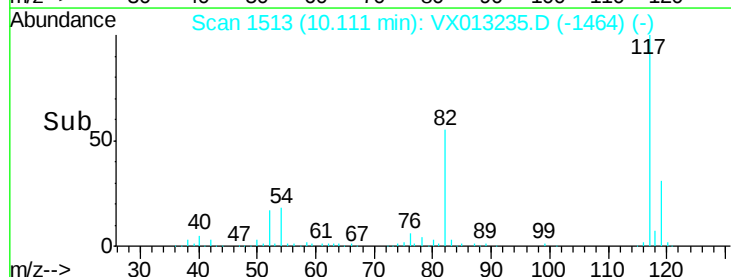
Abundance Ion 116.90 (116.60 to 117.60): VX013188.D (-1506) (-)

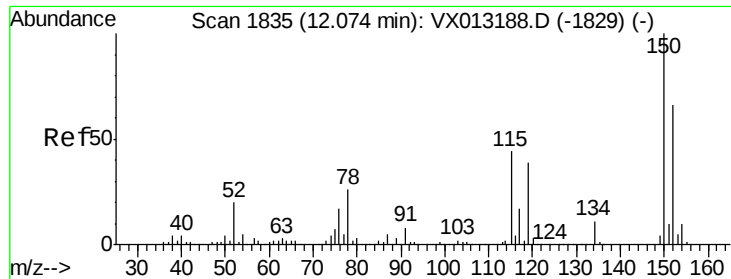
Ion 82.00 (81.70 to 82.70): VX013188.D (-1506) (-)

Ion 118.90 (118.60 to 119.60): VX013188.D (-1506) (-)

Time-->

10.11





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX013235.D

Acq: 25 Oct 2019 16:50

Instrument :

MSVOA_X

ClientSampled :

S32-0672

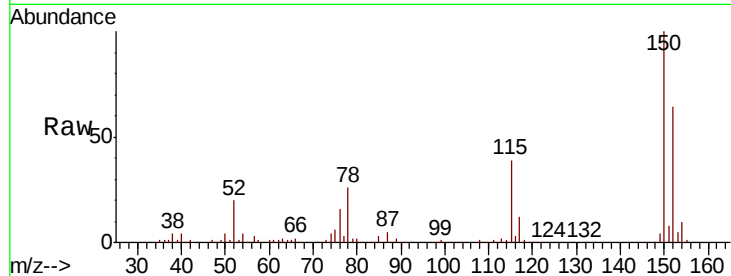
Tot Ion:152 Resp: 64943

Ion Ratio Lower Upper

152 100

115 64.2 46.6 139.8

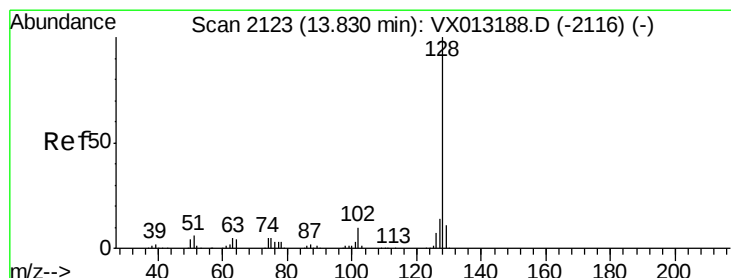
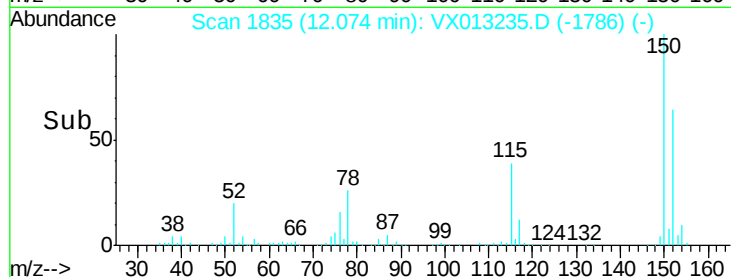
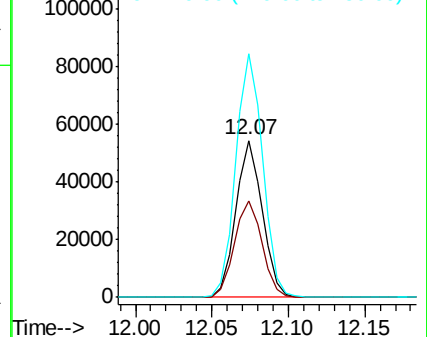
150 158.9 0.0 354.0



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



#95

Naphthalene

Concen: 0.931 ug/l

RT: 13.83 min Scan# 2123

Delta R.T. -0.00 min

Lab File: VX013235.D

Acq: 25 Oct 2019 16:50

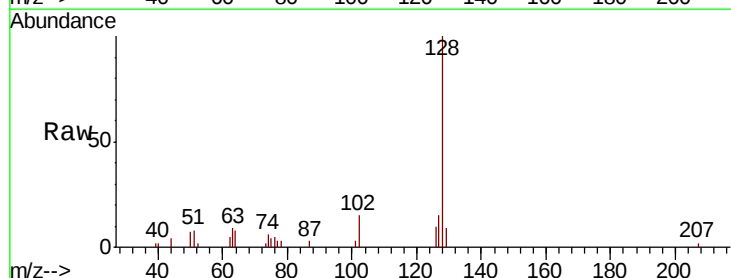
Tgt Ion:128 Resp: 4516

Ion Ratio Lower Upper

128 100

127 13.5 10.7 16.1

129 10.5 8.6 13.0



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

