

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102519\
 Data File : VX013211.D
 Acq On : 24 Oct 2019 15:06
 Operator : JC/SP
 Sample : K5532-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0672

Quant Time: Oct 29 12:13:21 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

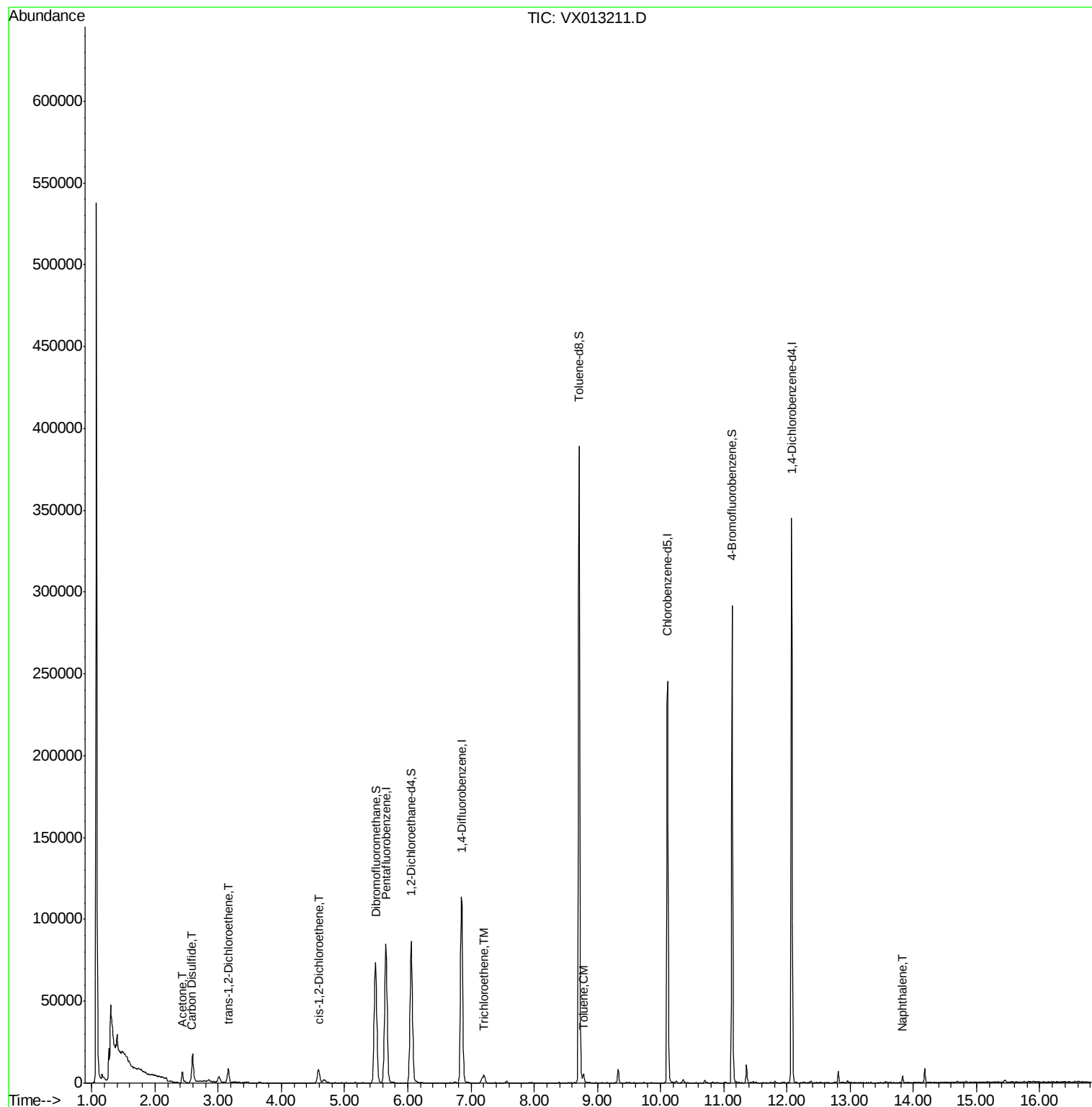
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	79582	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	114925	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	114032	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	71645	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	84638	50.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.70%	
35) Dibromofluoromethane	5.49	113	64683	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	8.71	98	233969	49.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.52%	
62) 4-Bromofluorobenzene	11.13	95	84466	44.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.86%	
Target Compounds						
					Qvalue	
16) Acetone	2.44	43	7315	9.328	ug/l	96
17) Carbon Disulfide	2.57	76	2505	0.687	ug/l	95
21) trans-1,2-Dichloroethene	3.16	96	3635	3.028	ug/l #	80
27) cis-1,2-Dichloroethene	4.59	96	5326	3.208	ug/l	83
44) Trichloroethene	7.22	130	2097	1.280	ug/l	86
52) Toluene	8.78	92	1946	0.509	ug/l	94
95) Naphthalene	13.83	128	2607	0.487	ug/l	98

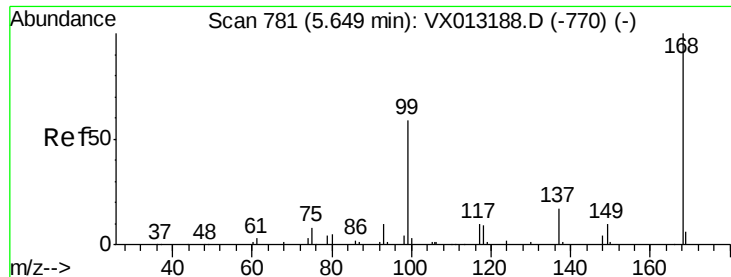
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX013211.D

Acq: 24 Oct 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

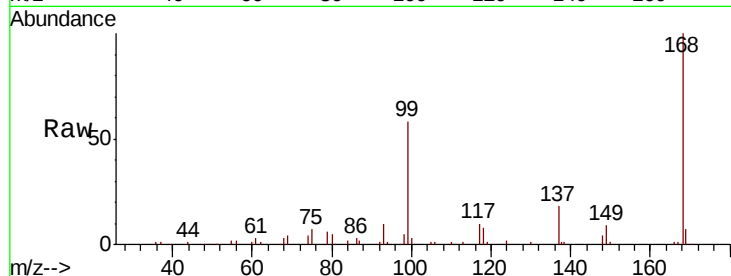
S32-0672

Tot Ion:168 Resp: 79582

Ion Ratio Lower Upper

168 100

99 58.2 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

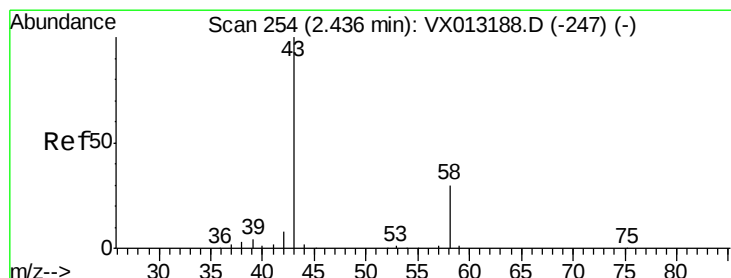
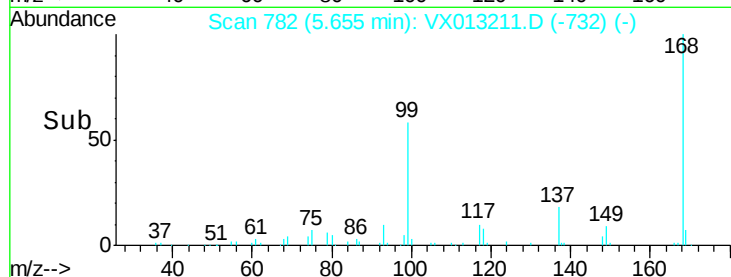
30000

20000

10000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 9.328 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013211.D

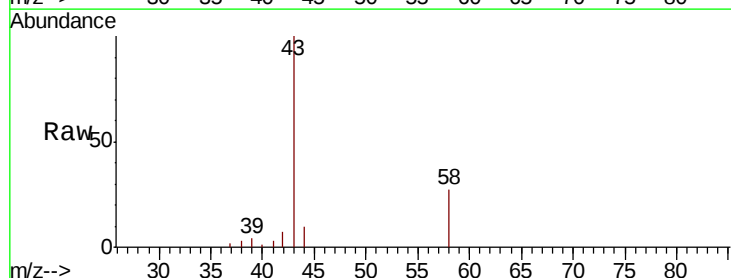
Acq: 24 Oct 2019 15:06

Tgt Ion: 43 Resp: 7315

Ion Ratio Lower Upper

43 100

58 27.3 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

5000

4000

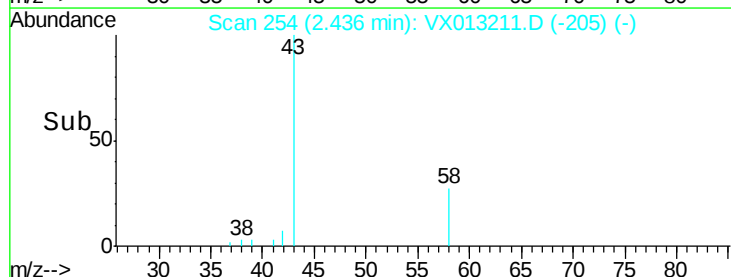
3000

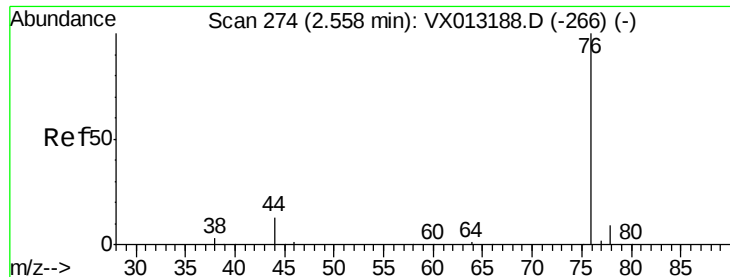
2000

1000

0

Time--> 2.35 2.40 2.45 2.50





#17

Carbon Disulfide

Concen: 0.687 ug/l

RT: 2.57 min Scan# 276

Delta R.T. 0.01 min

Lab File: VX013211.D

Acq: 24 Oct 2019 15:06

Instrument :

MSVOA_X

ClientSampled :

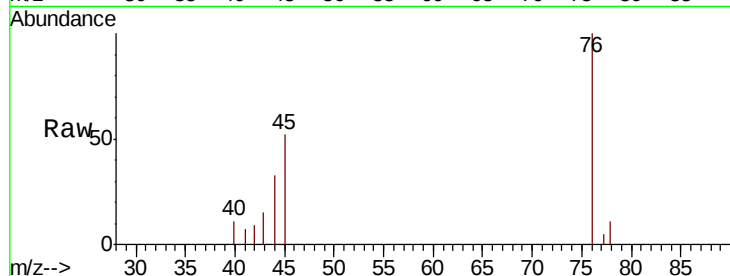
S32-0672

Tot Ion: 76 Resp: 2505

Ion Ratio Lower Upper

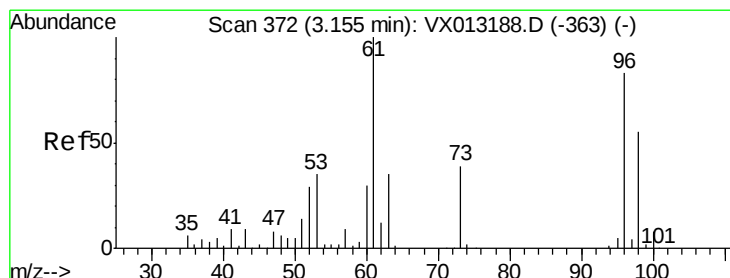
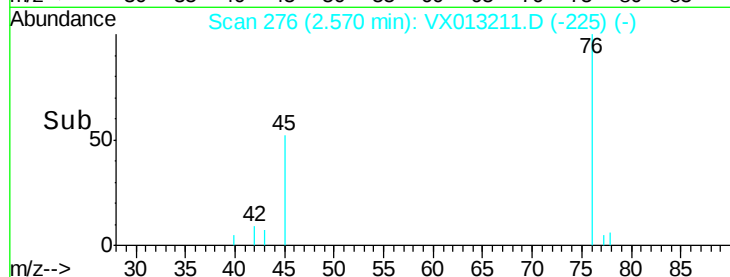
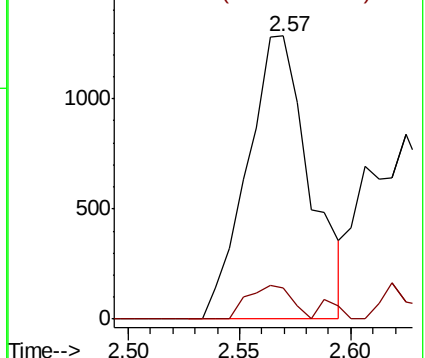
76 100

78 11.1 7.4 11.2



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#21

trans-1,2-Dichloroethene

Concen: 3.028 ug/l

RT: 3.16 min Scan# 373

Delta R.T. 0.01 min

Lab File: VX013211.D

Acq: 24 Oct 2019 15:06

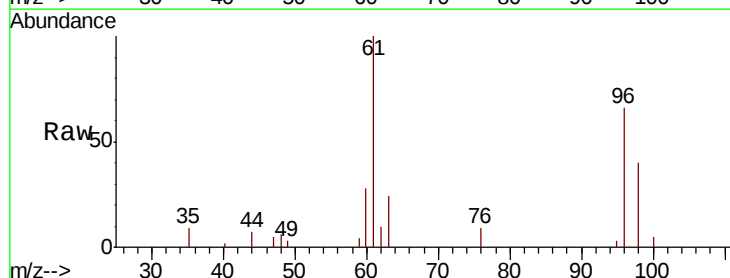
Tgt Ion: 96 Resp: 3635

Ion Ratio Lower Upper

96 100

61 151.2 96.9 145.3#

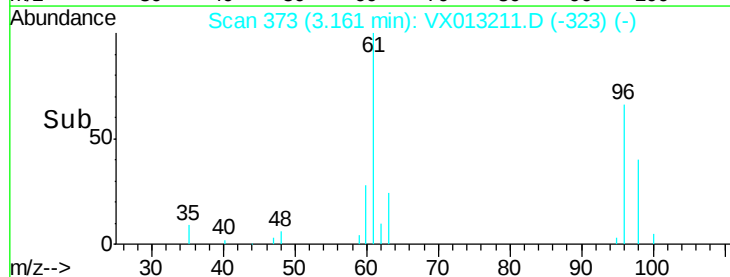
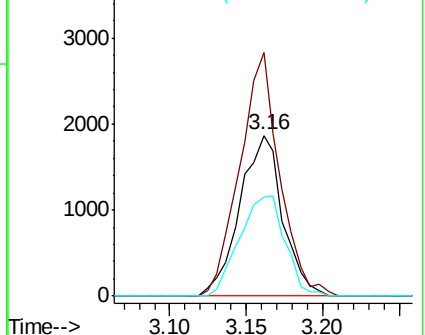
98 61.1 53.0 79.4

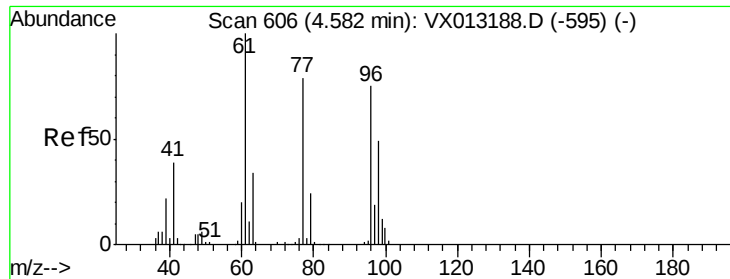


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



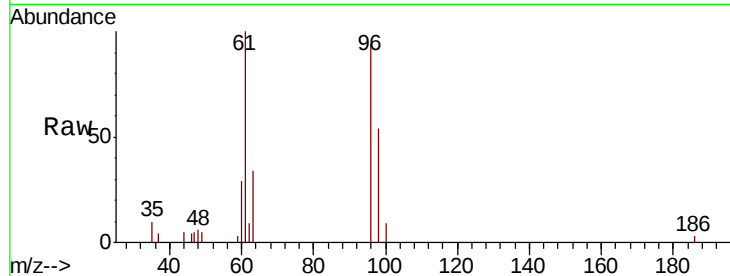


#27

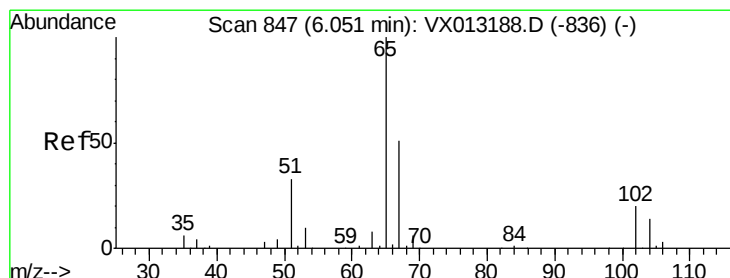
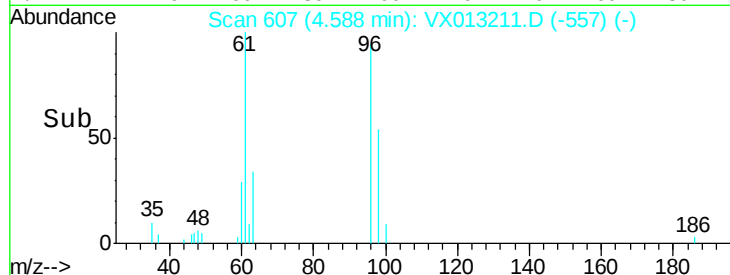
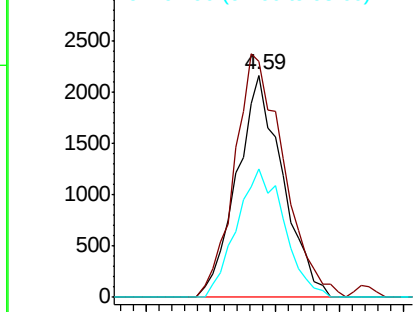
cis-1,2-Dichloroethene
 Concen: 3.208 ug/l
 RT: 4.59 min Scan# 607
 Delta R.T. 0.01 min
 Lab File: VX013211.D
 Acq: 24 Oct 2019 15:06

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0672

Tot Ion: 96 Resp: 5326
 Ion Ratio Lower Upper
 96 100
 61 117.8 0.0 290.4
 98 60.2 0.0 130.4



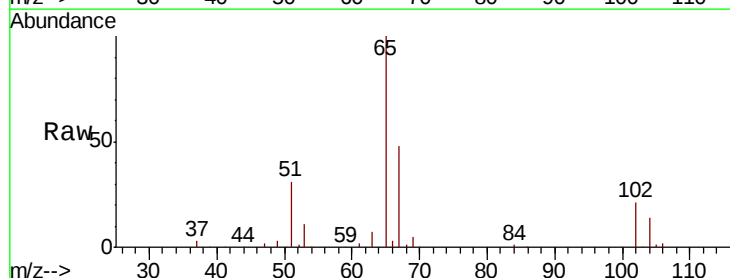
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



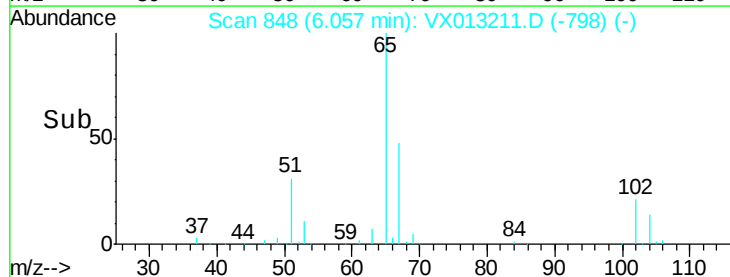
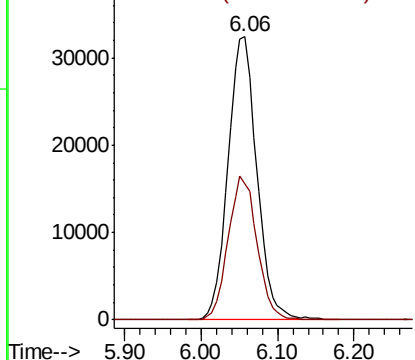
#33

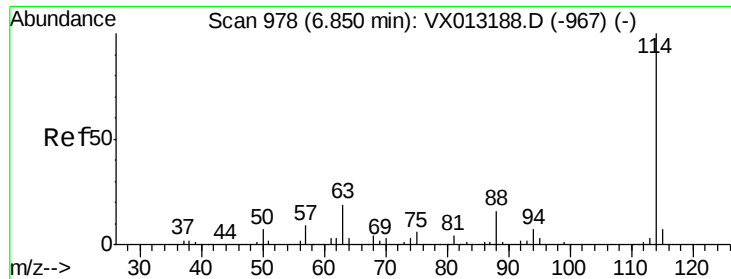
1,2-Dichloroethane-d4
 Concen: 50.849 ug/l
 RT: 6.06 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: VX013211.D
 Acq: 24 Oct 2019 15:06

Tgt Ion: 65 Resp: 84638
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 102.6



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

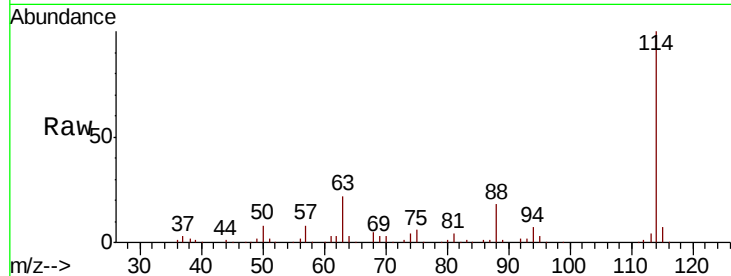




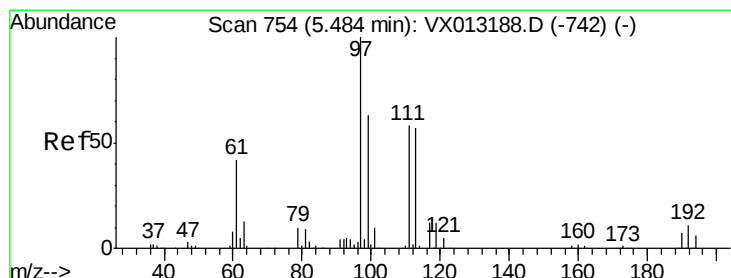
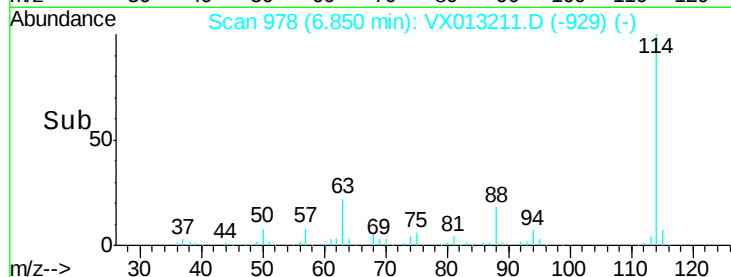
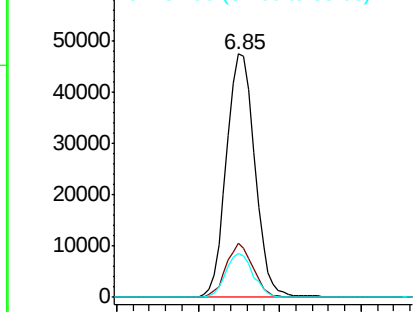
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX013211.D
 Acq: 24 Oct 2019 15:06

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0672

Tot Ion:114 Resp: 114925
 Ion Ratio Lower Upper
 114 100
 63 22.0 0.0 39.0
 88 18.2 0.0 32.0

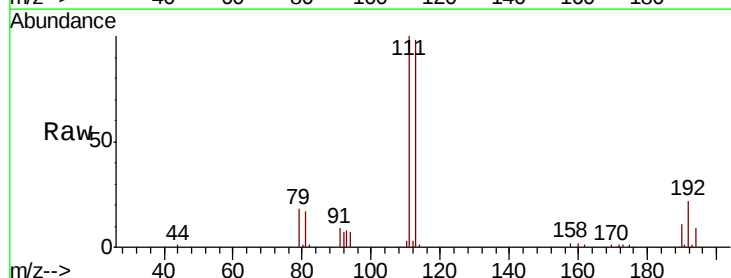


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

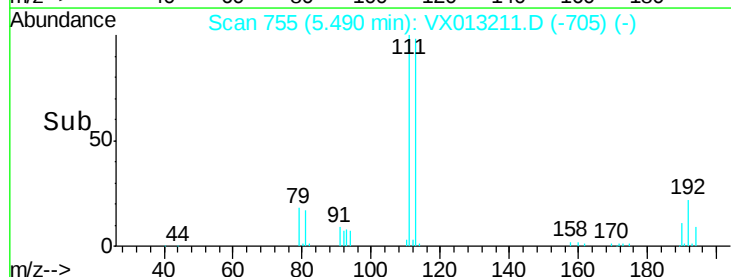
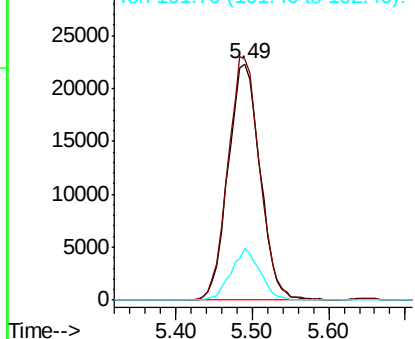


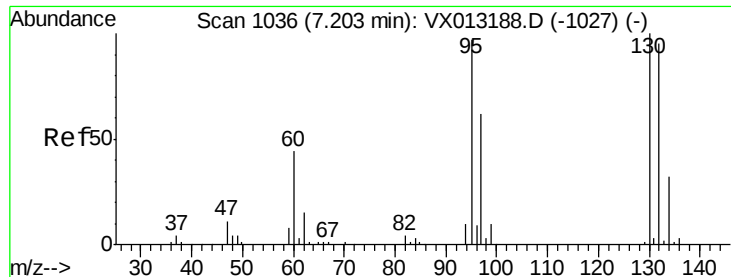
#35
 Dibromofluoromethane
 Concen: 50.471 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.01 min
 Lab File: VX013211.D
 Acq: 24 Oct 2019 15:06

Tgt Ion:113 Resp: 64683
 Ion Ratio Lower Upper
 113 100
 111 102.2 80.3 120.5
 192 19.9 15.9 23.9



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

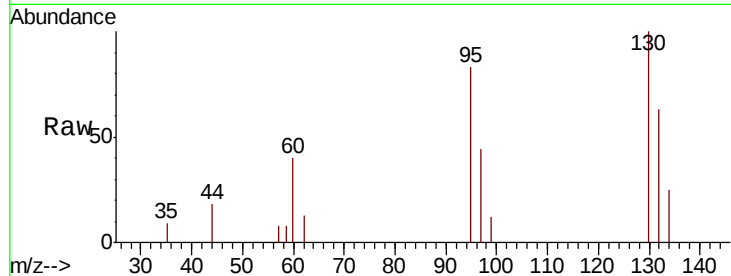




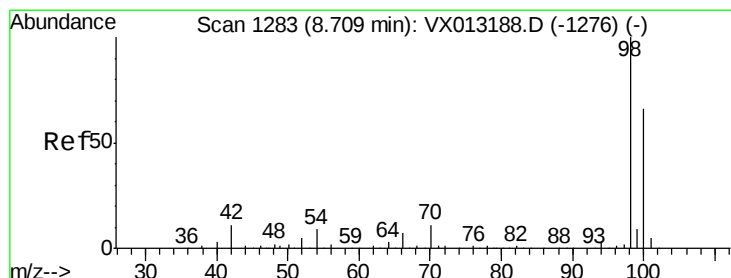
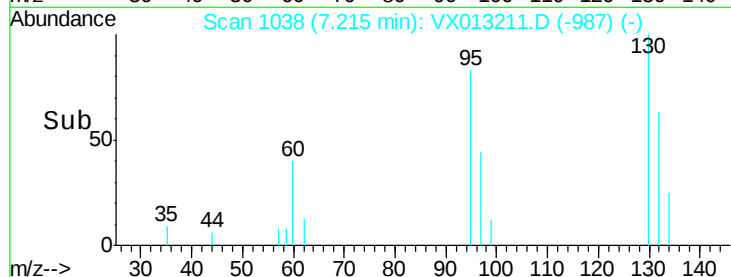
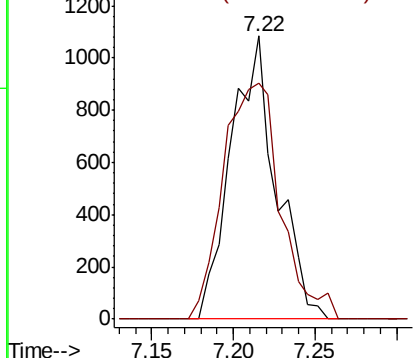
#44
 Trichloroethene
 Concen: 1.280 ug/l
 RT: 7.22 min Scan# 1038
 Delta R.T. 0.01 min
 Lab File: VX013211.D
 Acq: 24 Oct 2019 15:06

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0672

Tot Ion:130 Resp: 2097
 Ion Ratio Lower Upper
 130 100
 95 83.5 0.0 193.6

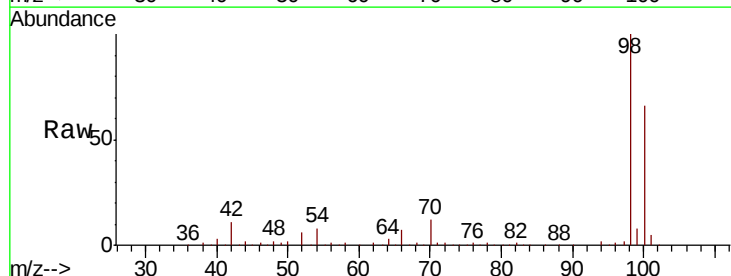


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

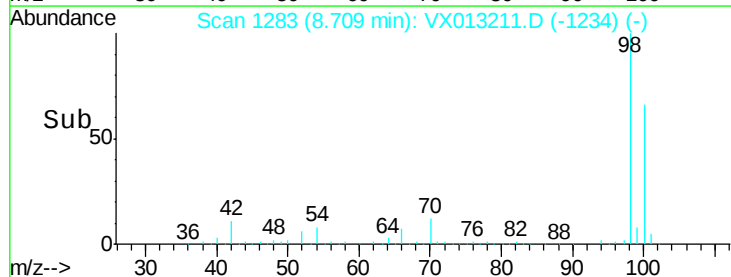
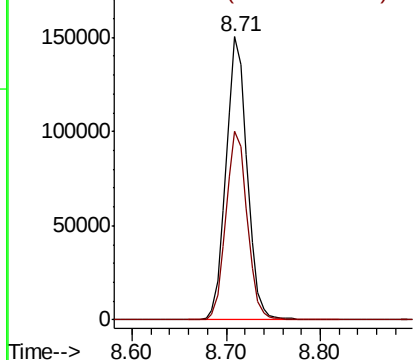


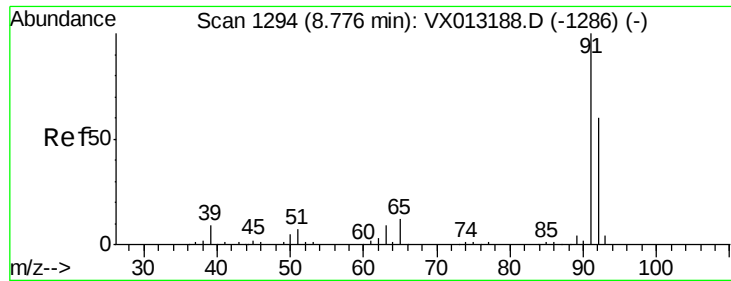
#50
 Toluene-d8
 Concen: 49.263 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX013211.D
 Acq: 24 Oct 2019 15:06

Tgt Ion: 98 Resp: 233969
 Ion Ratio Lower Upper
 98 100
 100 67.2 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0
 Ion 100.00 (99.70 to 100.70): V





#52

Toluene

Concen: 0.509 ug/l

RT: 8.78 min Scan# 1295

Delta R.T. 0.01 min

Lab File: VX013211.D

Acq: 24 Oct 2019 15:06

Instrument :

MSVOA_X

ClientSampleId :

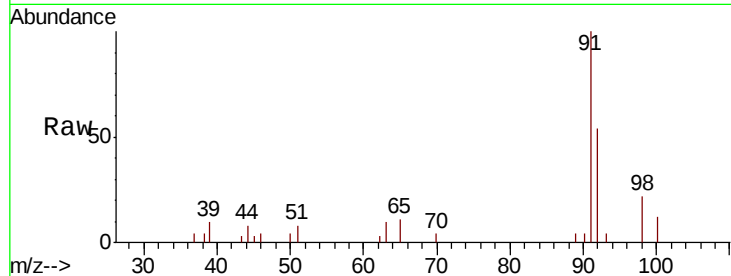
S32-0672

Tot Ion: 92 Resp: 1946

Ion Ratio Lower Upper

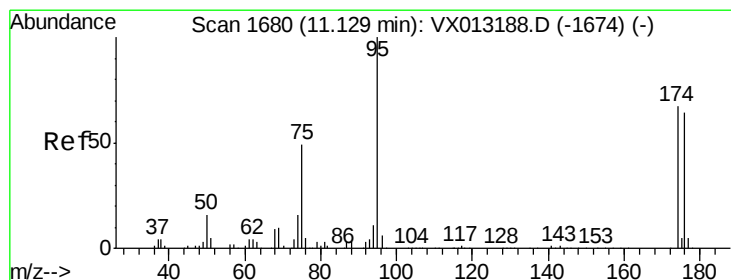
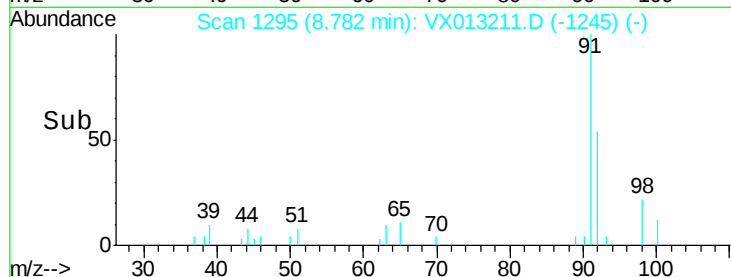
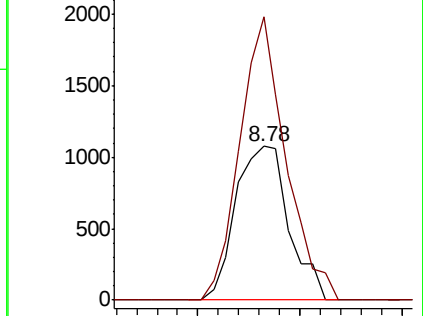
92 100

91 159.8 133.9 200.9



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#62

4-Bromofluorobenzene

Concen: 44.933 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. 0.00 min

Lab File: VX013211.D

Acq: 24 Oct 2019 15:06

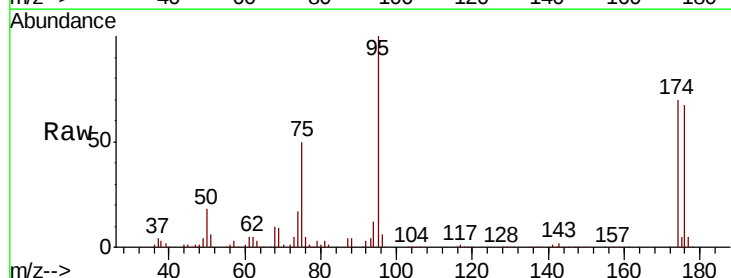
Tgt Ion: 95 Resp: 84466

Ion Ratio Lower Upper

95 100

174 78.7 0.0 152.4

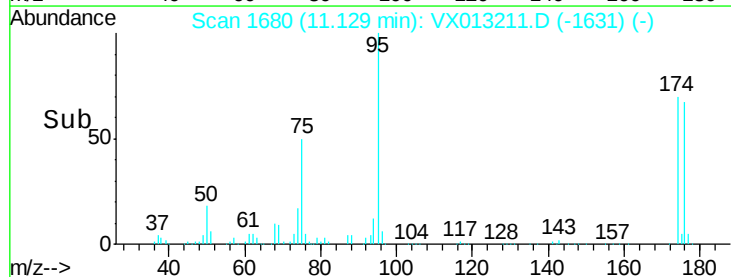
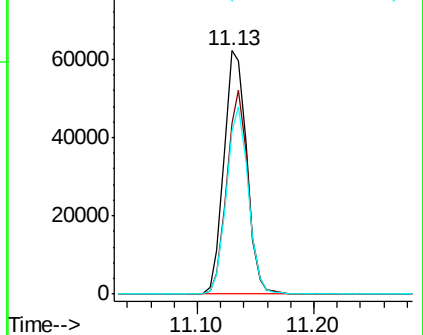
176 73.9 0.0 146.0

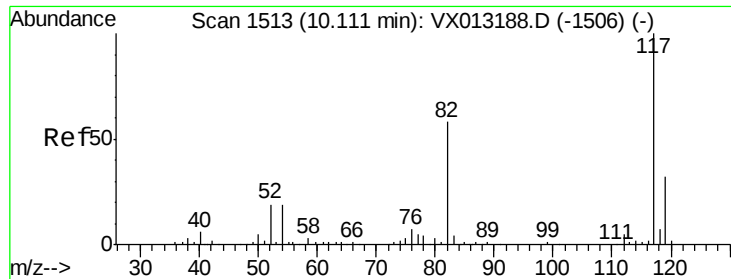


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

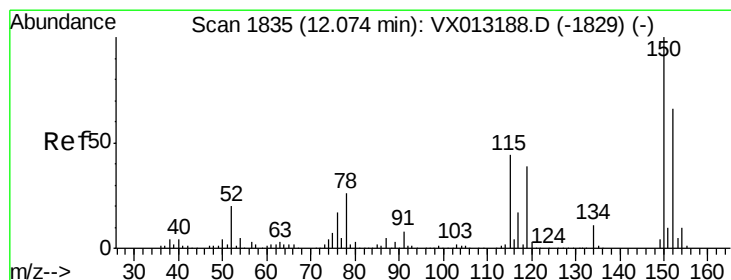
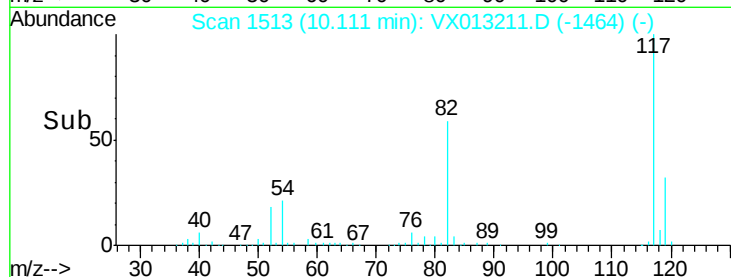
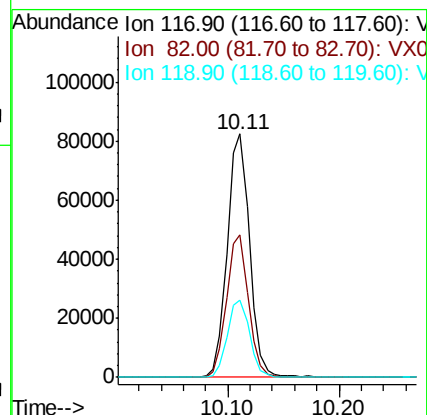
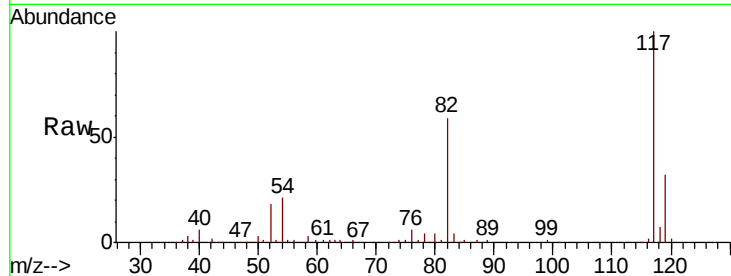




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013211.D
Acq: 24 Oct 2019 15:06

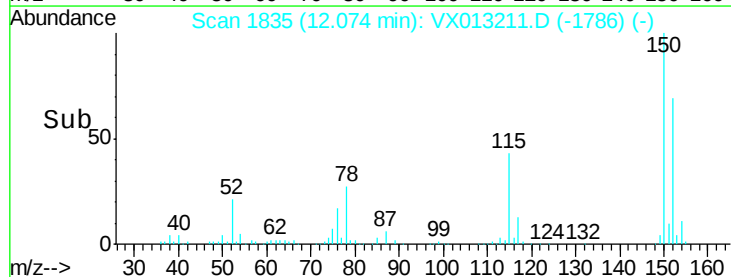
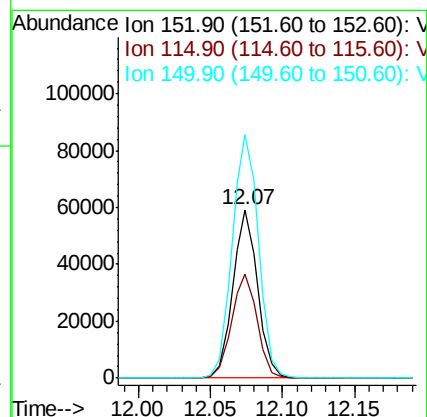
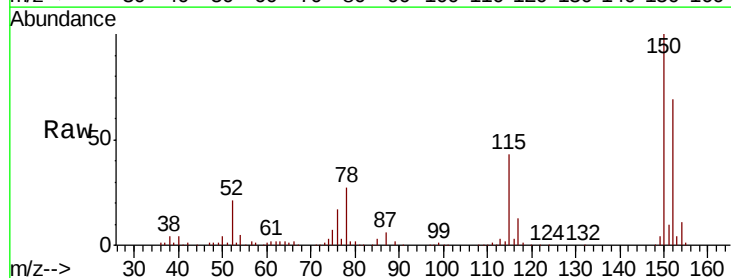
Instrument :
MSVOA_X
ClientSampled :
S32-0672

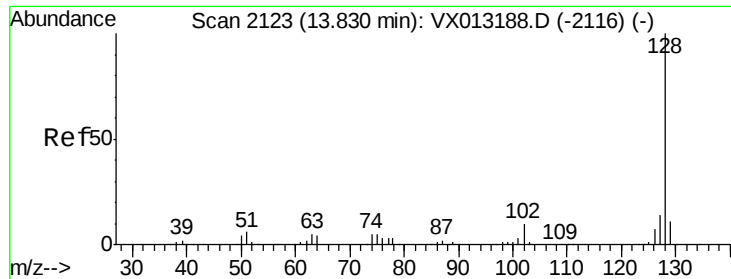
Tot Ion:117 Resp: 114032
Ion Ratio Lower Upper
117 100
82 58.6 46.5 69.7
119 31.6 25.2 37.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX013211.D
Acq: 24 Oct 2019 15:06

Tgt Ion:152 Resp: 71645
Ion Ratio Lower Upper
152 100
115 63.7 46.6 139.8
150 153.6 0.0 354.0

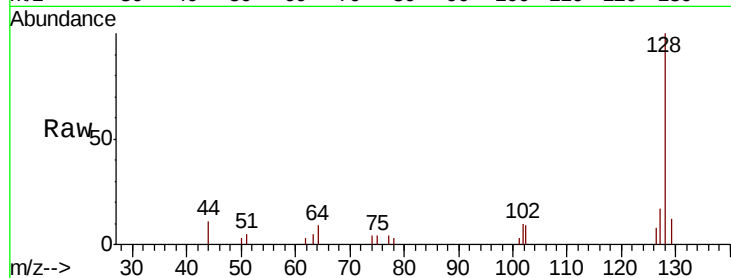




#95
 Naphthalene
 Concen: 0.487 ug/l
 RT: 13.83 min Scan# 2123
 Delta R.T. 0.00 min
 Lab File: VX013211.D
 Acq: 24 Oct 2019 15:06

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0672

Tot Ion:128 Resp: 2607
 Ion Ratio Lower Upper
 128 100
 127 12.9 10.7 16.1
 129 11.7 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

