

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX102519\
 Data File : VX013210.D
 Acq On : 24 Oct 2019 14:42
 Operator : JC/SP
 Sample : K5532-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0673

Quant Time: Oct 25 04:10:43 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

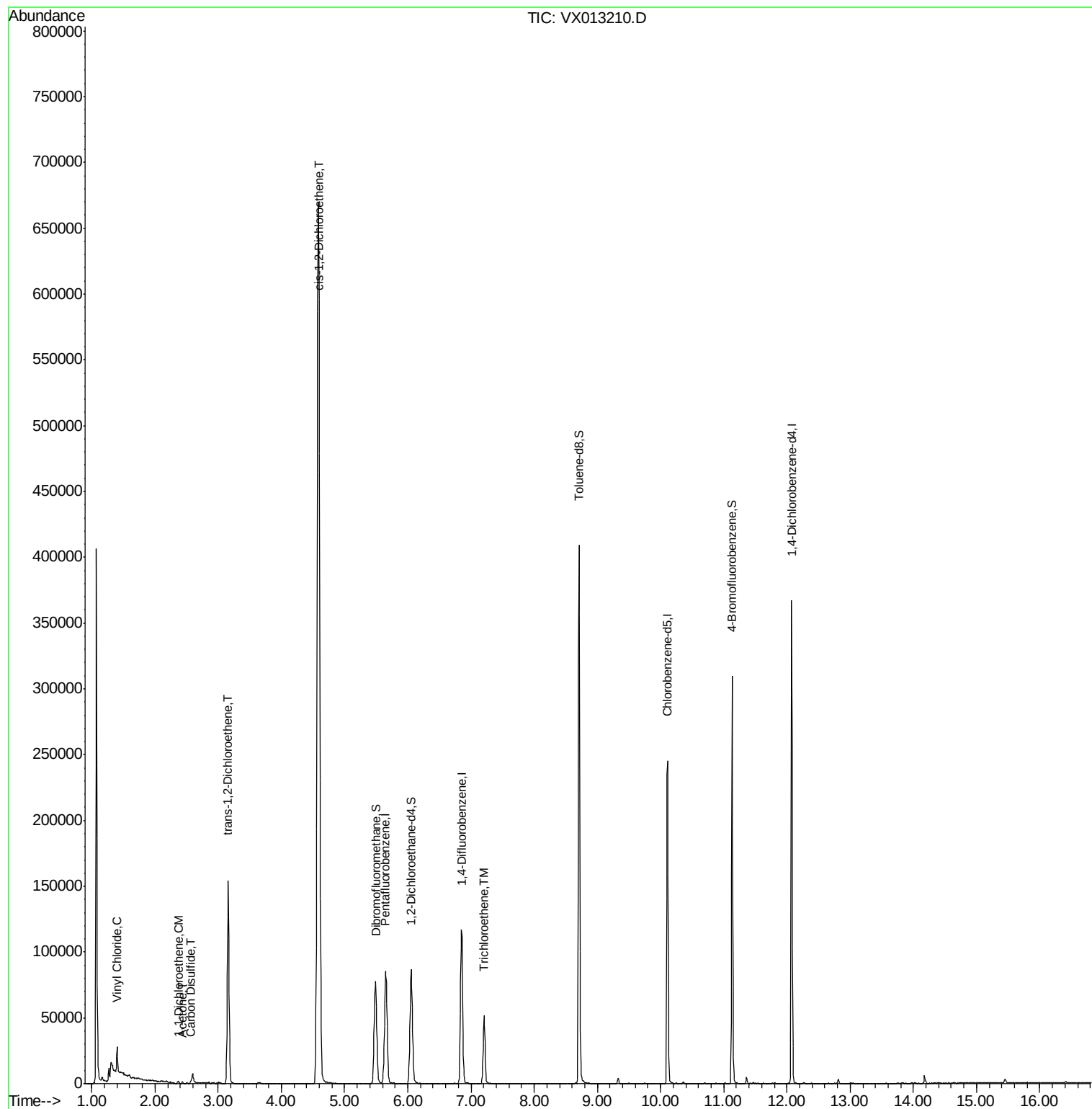
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	80648	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	117509	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	115920	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	73769	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	87472	51.86	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.72%	
35) Dibromofluoromethane	5.49	113	67107	51.21	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.42%	
50) Toluene-d8	8.71	98	243719	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.38%	
62) 4-Bromofluorobenzene	11.14	95	88020	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.58%	
Target Compounds						
4) Vinyl Chloride	1.40	62	10261	7.007	ug/l	90
12) 1,1-Dichloroethene	2.36	96	709	0.516	ug/l #	78
16) Acetone	2.44	43	1194	1.502	ug/l #	81
17) Carbon Disulfide	2.56	76	2114	0.572	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	64435	45.124	ug/l	91
27) cis-1,2-Dichloroethene	4.59	96	443630	263.669	ug/l	88
44) Trichloroethene	7.21	130	20653	12.329	ug/l	95

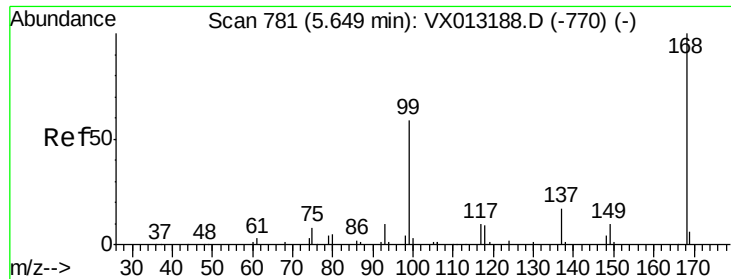
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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# 781

Delta R.T. -0.00 min

Lab File: VX013210.D

Acq: 24 Oct 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

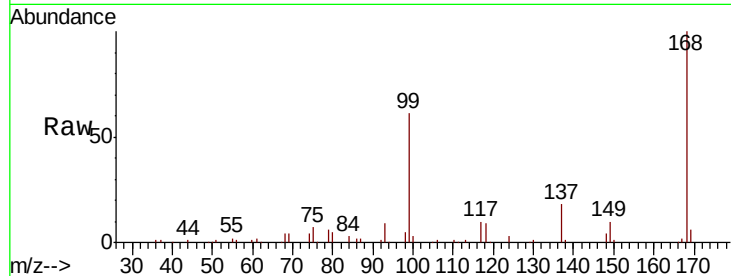
S32-0673

Tot Ion:168 Resp: 80648

Ion Ratio Lower Upper

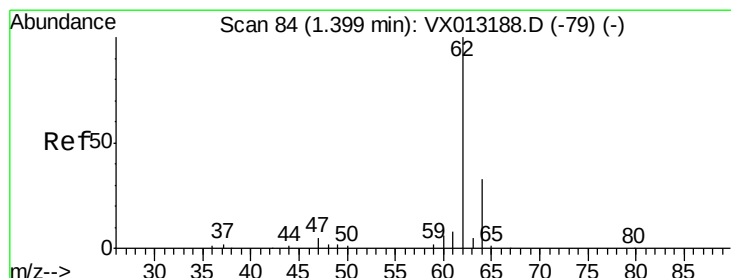
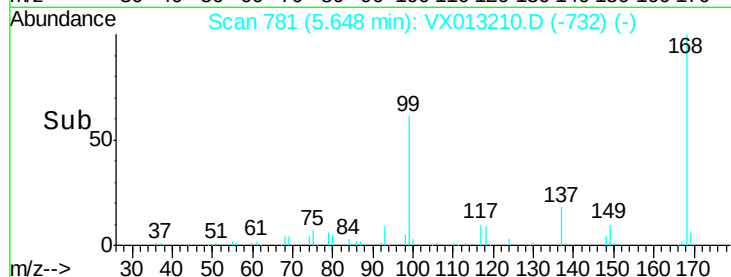
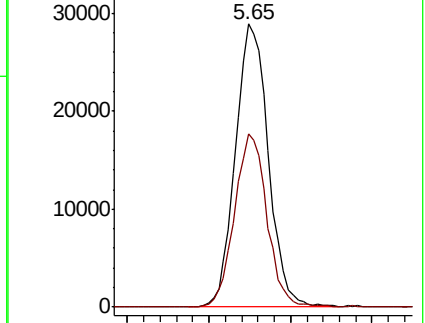
168 100

99 61.4 47.0 70.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 7.007 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013210.D

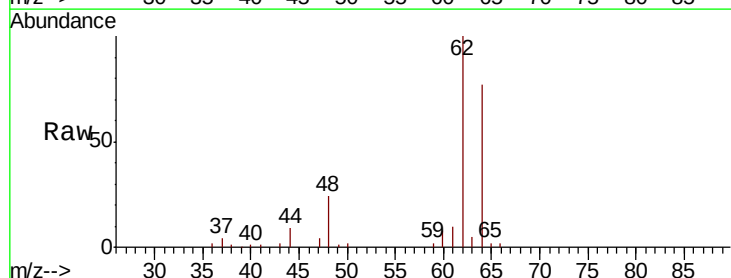
Acq: 24 Oct 2019 14:42

Tgt Ion: 62 Resp: 10261

Ion Ratio Lower Upper

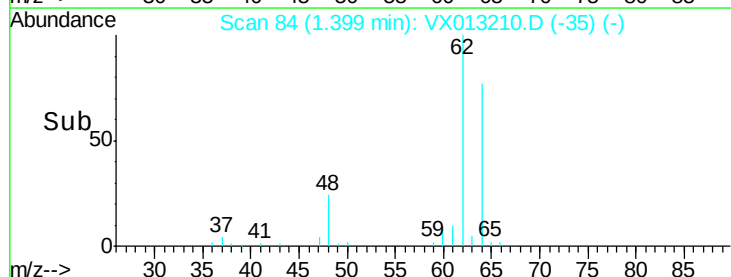
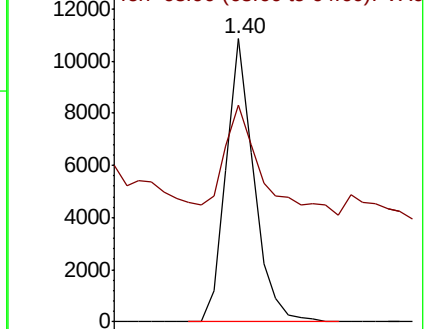
62 100

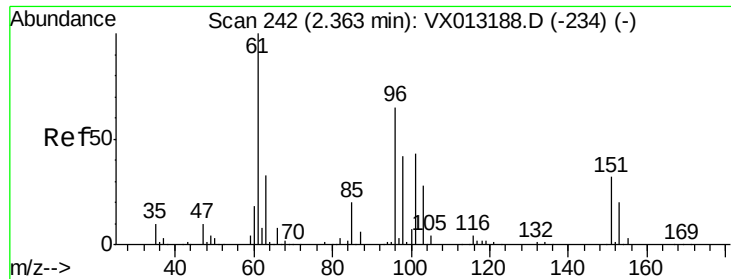
64 38.7 26.4 39.6



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#12

1,1-Dichloroethene

Concen: 0.516 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX013210.D

Acq: 24 Oct 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

S32-0673

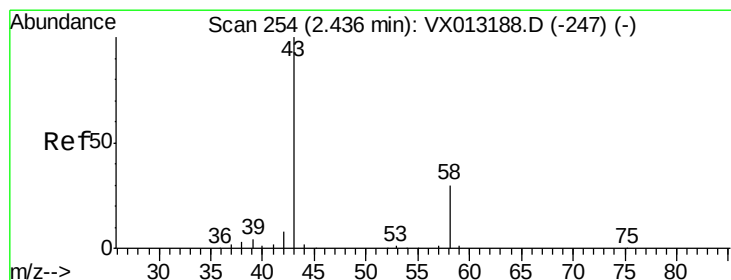
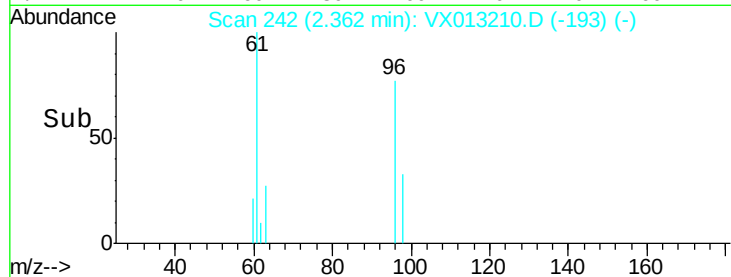
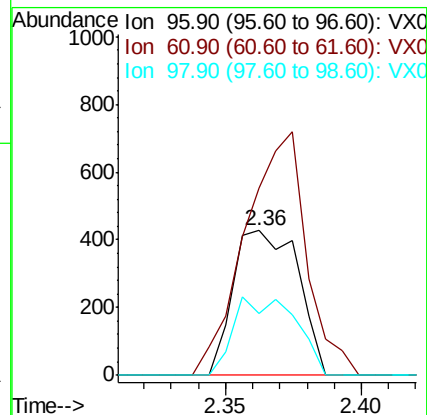
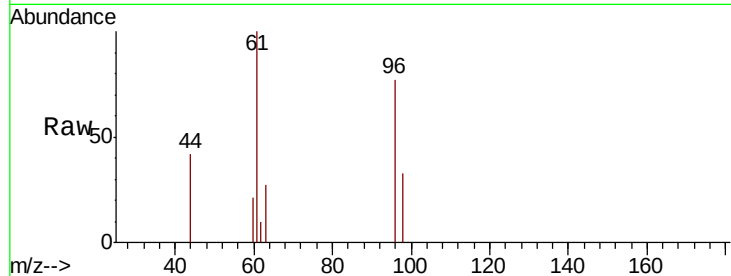
Tot Ion: 96 Resp: 709

Ion Ratio Lower Upper

96 100

61 129.4 123.8 185.8

98 43.0 51.6 77.4#



#16

Acetone

Concen: 1.502 ug/l

RT: 2.44 min Scan# 254

Delta R.T. -0.00 min

Lab File: VX013210.D

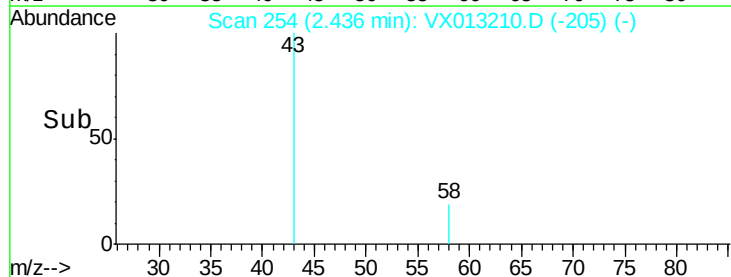
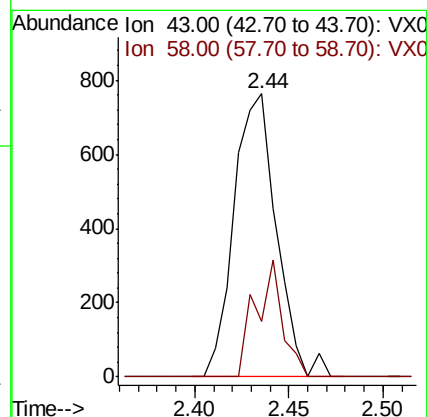
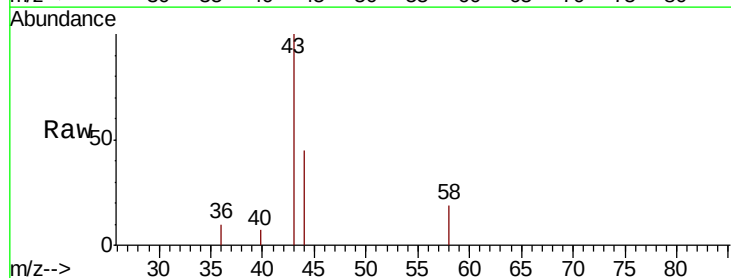
Acq: 24 Oct 2019 14:42

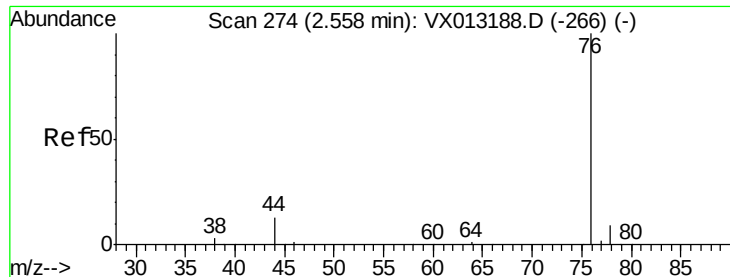
Tgt Ion: 43 Resp: 1194

Ion Ratio Lower Upper

43 100

58 19.4 23.8 35.6#

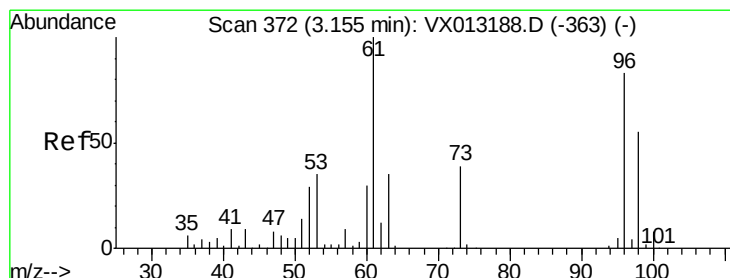
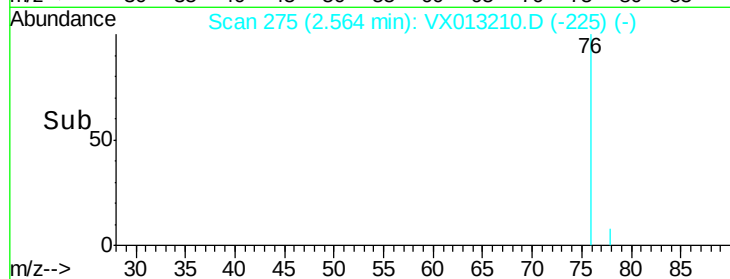
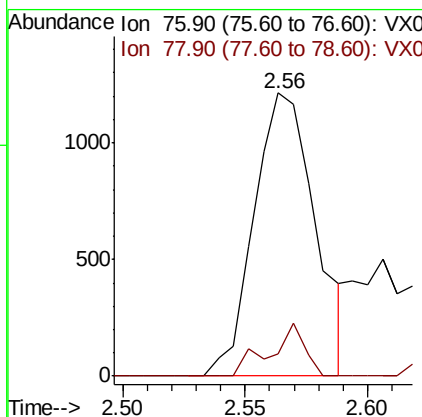
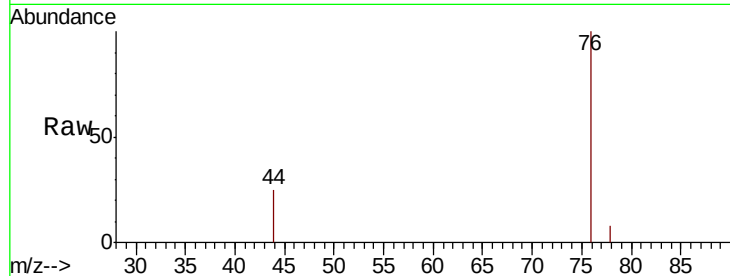




#17
Carbon Disulfide
Concen: 0.572 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013210.D
Acq: 24 Oct 2019 14:42

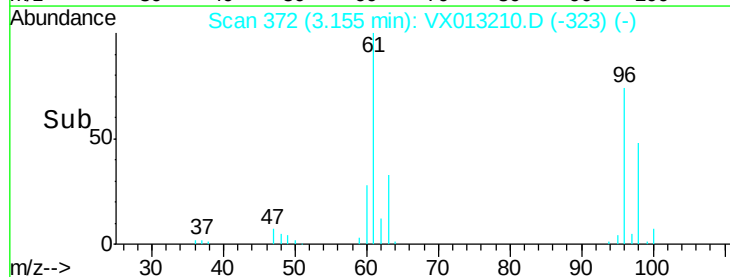
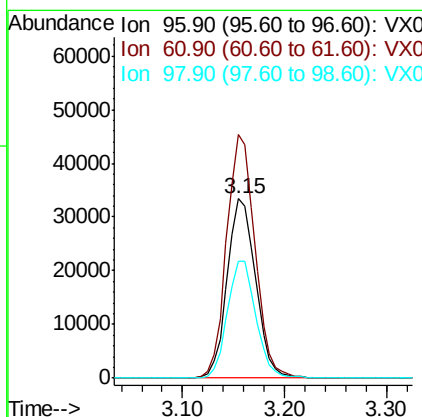
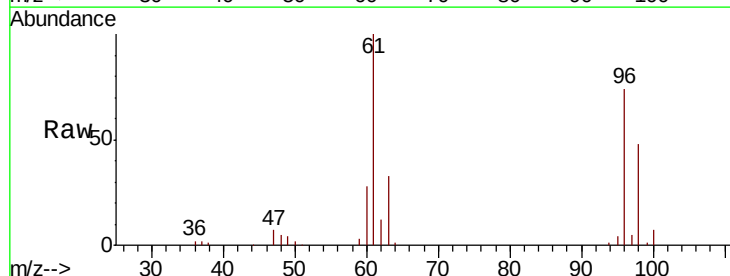
Instrument :
MSVOA_X
ClientSampled :
S32-0673

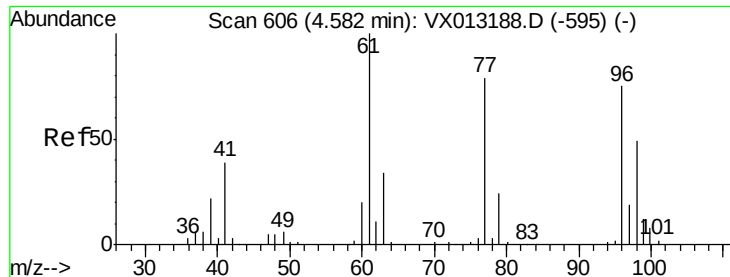
Tot Ion: 76 Resp: 2114
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.2



#21
trans-1,2-Dichloroethene
Concen: 45.124 ug/l
RT: 3.15 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX013210.D
Acq: 24 Oct 2019 14:42

Tgt Ion: 96 Resp: 64435
Ion Ratio Lower Upper
96 100
61 135.9 96.9 145.3
98 65.1 53.0 79.4



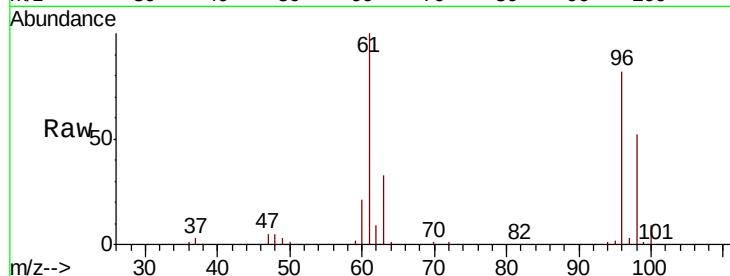


#27

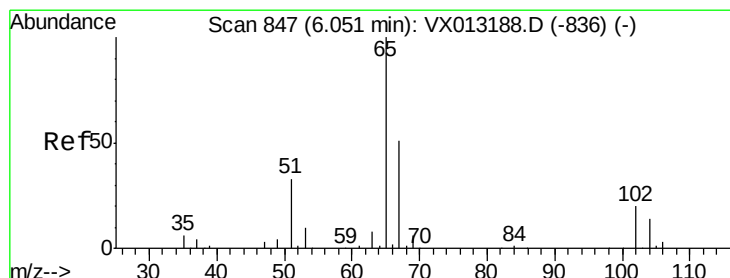
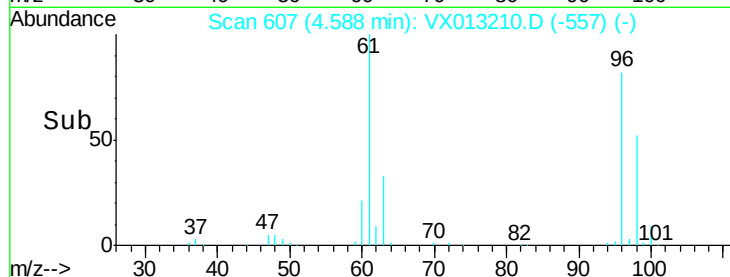
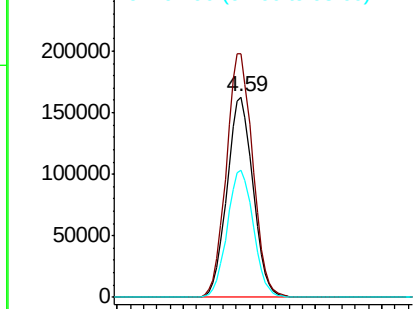
cis-1,2-Dichloroethene
Concen: 263.669 ug/l
RT: 4.59 min Scan# 607
Delta R.T. 0.01 min
Lab File: VX013210.D
Acq: 24 Oct 2019 14:42

Instrument :
MSVOA_X
ClientSampled :
S32-0673

Tot Ion: 96 Resp: 443630
Ion Ratio Lower Upper
96 100
61 123.4 0.0 290.4
98 64.2 0.0 130.4



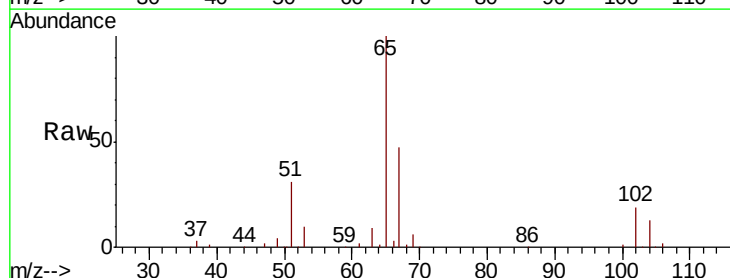
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



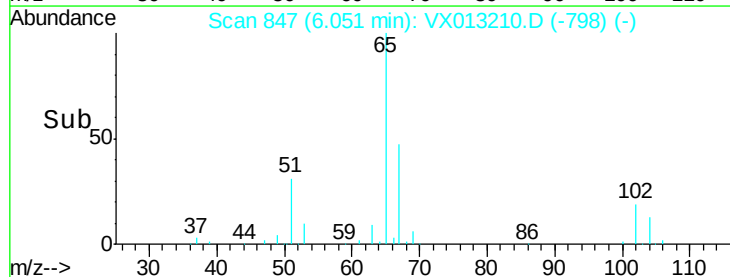
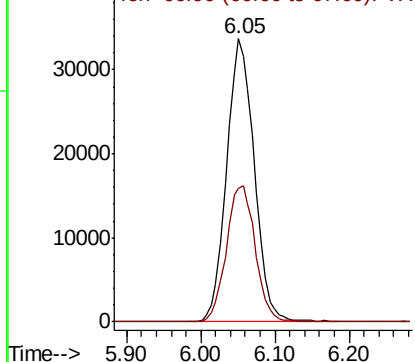
#33

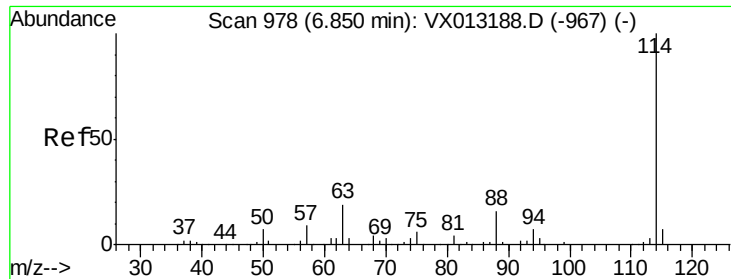
1,2-Dichloroethane-d4
Concen: 51.857 ug/l
RT: 6.05 min Scan# 847
Delta R.T. -0.00 min
Lab File: VX013210.D
Acq: 24 Oct 2019 14:42

Tgt Ion: 65 Resp: 87472
Ion Ratio Lower Upper
65 100
67 50.1 0.0 102.6



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

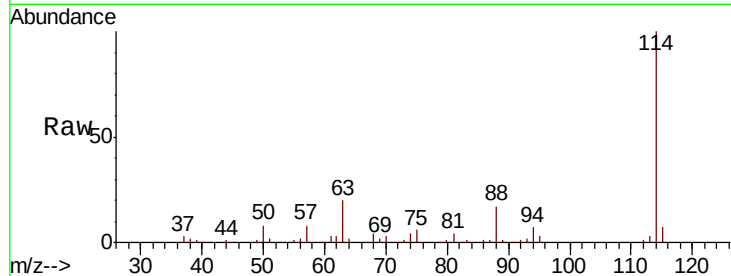




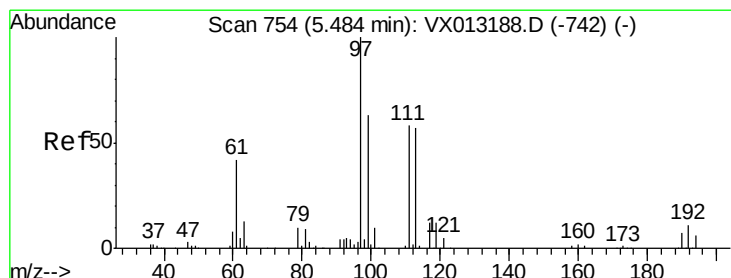
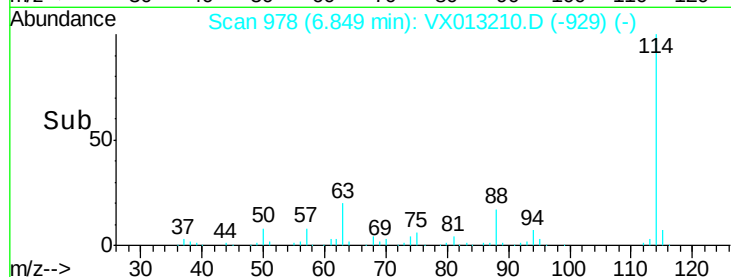
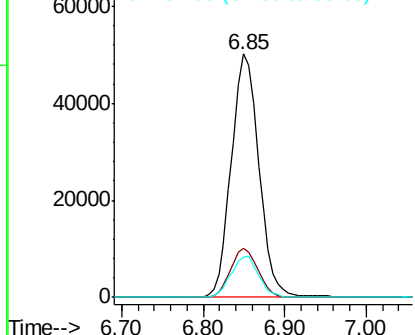
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. -0.00 min
Lab File: VX013210.D
Acq: 24 Oct 2019 14:42

Instrument :
MSVOA_X
ClientSampleId :
S32-0673

Tot Ion:114 Resp: 117509
Ion Ratio Lower Upper
114 100
63 20.0 0.0 39.0
88 16.6 0.0 32.0

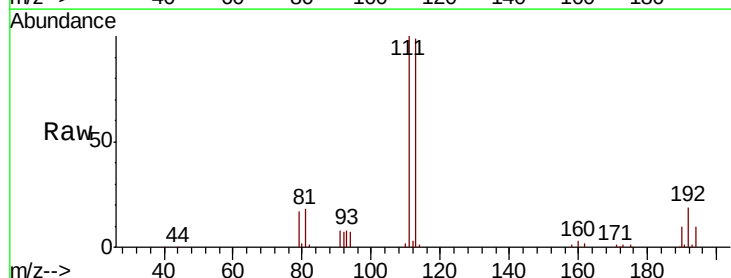


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX0
Ion 87.90 (87.60 to 88.60): VX0

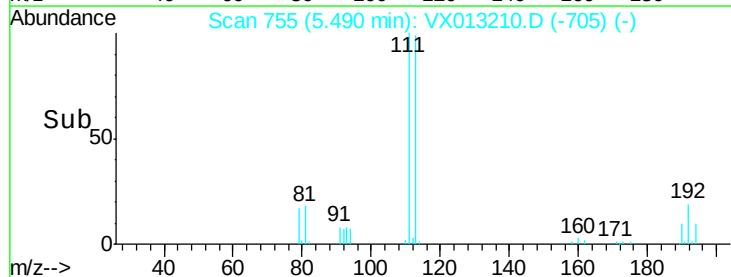
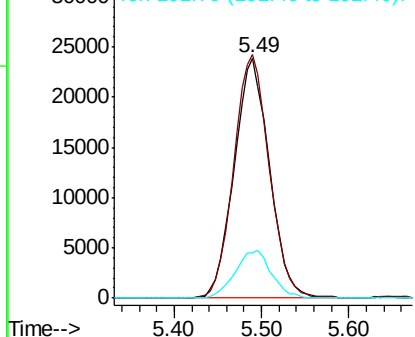


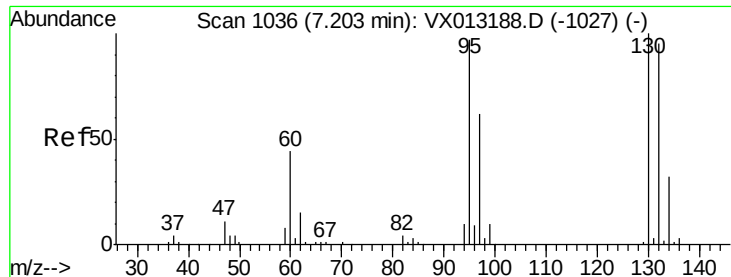
#35
Dibromofluoromethane
Concen: 51.211 ug/l
RT: 5.49 min Scan# 755
Delta R.T. 0.01 min
Lab File: VX013210.D
Acq: 24 Oct 2019 14:42

Tgt Ion:113 Resp: 67107
Ion Ratio Lower Upper
113 100
111 101.8 80.3 120.5
192 20.2 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: 12.329 ug/l

RT: 7.21 min Scan# 1037

Delta R.T. 0.01 min

Lab File: VX013210.D

Acq: 24 Oct 2019 14:42

Instrument :

MSVOA_X

ClientSampled :

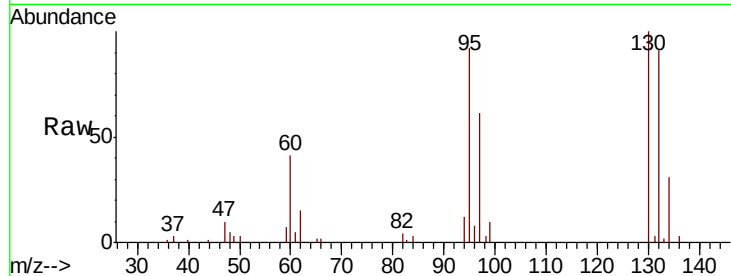
S32-0673

Tot Ion:130 Resp: 20653

Ion Ratio Lower Upper

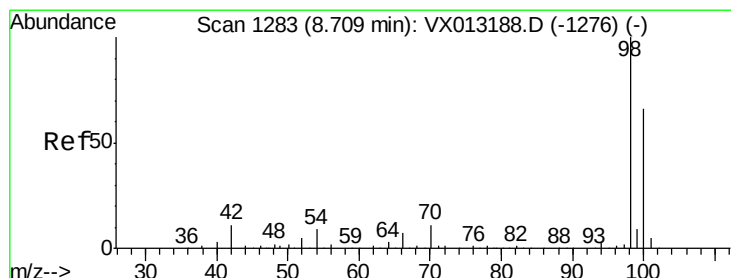
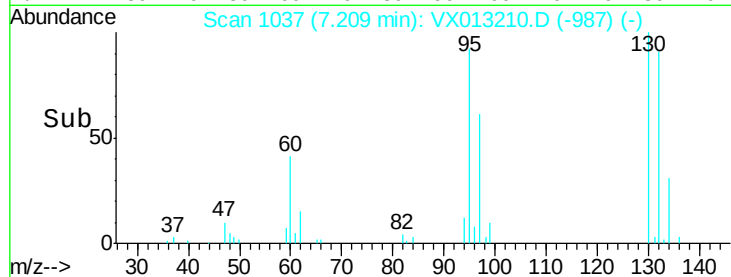
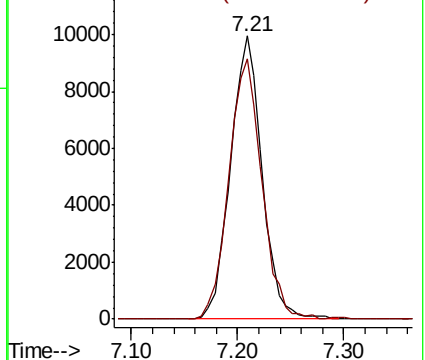
130 100

95 91.9 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: 50.187 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013210.D

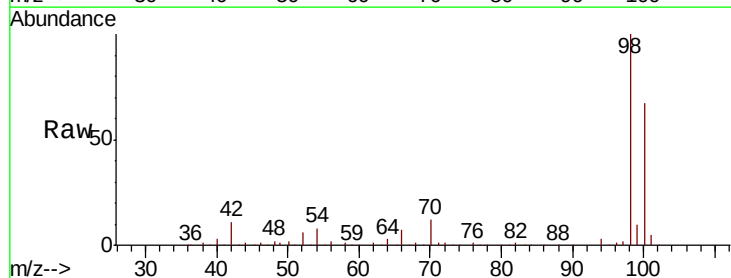
Acq: 24 Oct 2019 14:42

Tgt Ion: 98 Resp: 243719

Ion Ratio Lower Upper

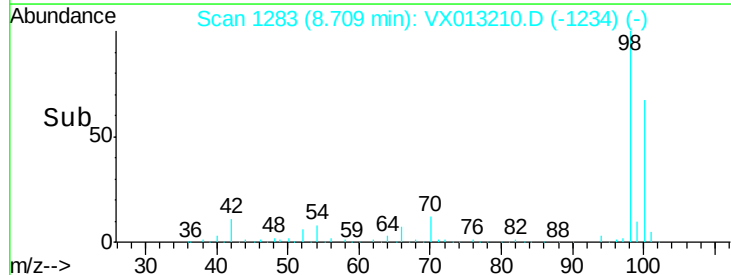
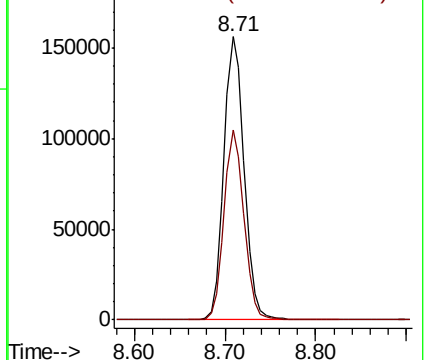
98 100

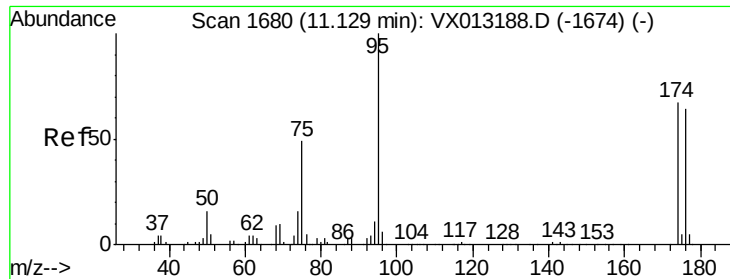
100 65.8 53.3 79.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

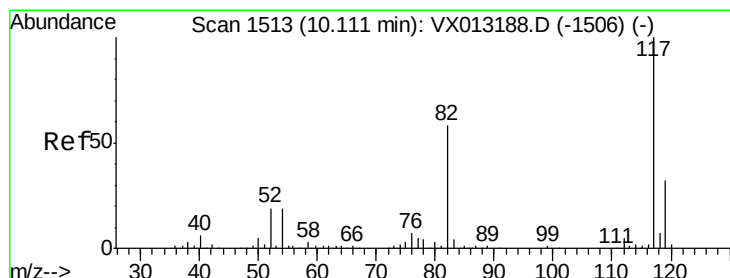
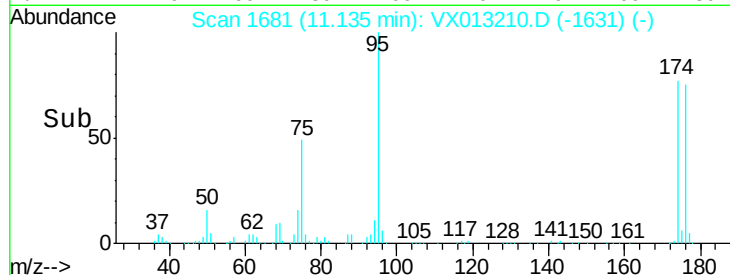
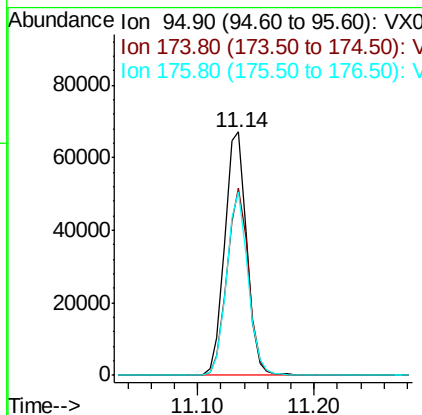
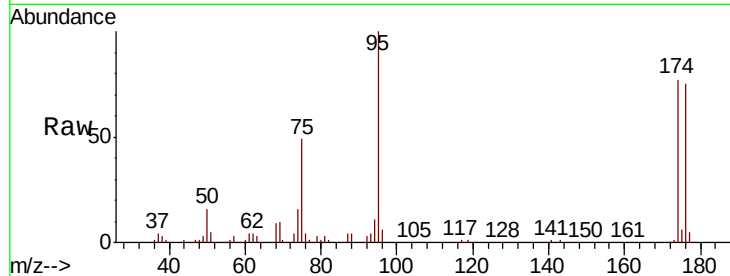




#62
4-Bromofluorobenzene
Concen: 45.794 ug/l
RT: 11.14 min Scan# 1681
Delta R.T. 0.01 min
Lab File: VX013210.D
Acq: 24 Oct 2019 14:42

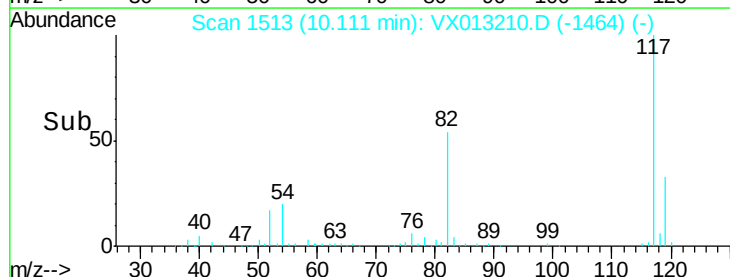
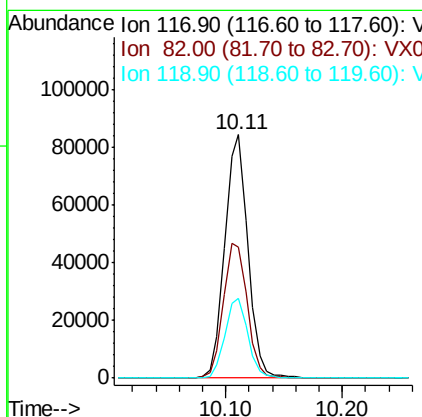
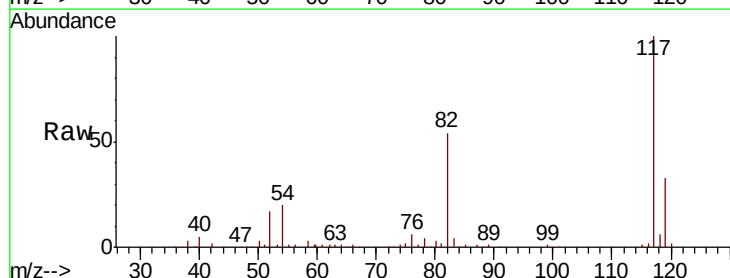
Instrument :
MSVOA_X
ClientSampled :
S32-0673

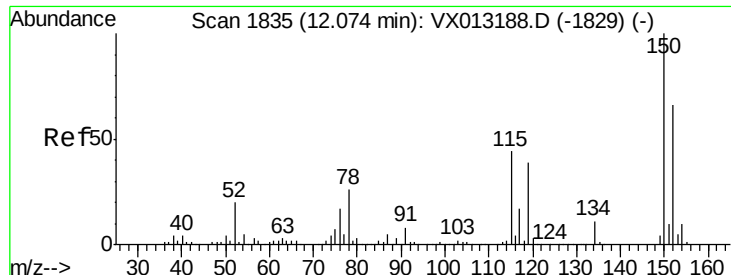
Tot Ion: 95 Resp: 88020
Ion Ratio Lower Upper
95 100
174 75.7 0.0 152.4
176 72.9 0.0 146.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. -0.00 min
Lab File: VX013210.D
Acq: 24 Oct 2019 14:42

Tgt Ion: 117 Resp: 115920
Ion Ratio Lower Upper
117 100
82 53.8 46.5 69.7
119 32.8 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: VX013210.D

Acq: 24 Oct 2019 14:42

Instrument :

MSVOA_X

ClientSampleId :

S32-0673

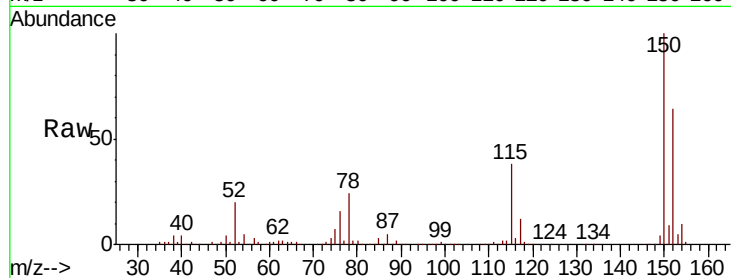
Tot Ion:152 Resp: 73769

Ion Ratio Lower Upper

152 100

115 61.5 46.6 139.8

150 152.9 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

