

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX010320\
 Data File : VX014402.D
 Acq On : 03 Jan 2020 15:50
 Operator : JC/SP
 Sample : K6476-05
 Misc : 6.98g/5mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WP022SB455_191227-12-14

Quant Time: Jan 06 03:18:20 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 17 03:01:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	540688	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	817225	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	734015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	363656	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	293047	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
35) Dibromofluoromethane	5.50	113	229832	46.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.52%	
50) Toluene-d8	8.71	98	961497	49.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.42%	
62) 4-Bromofluorobenzene	11.14	95	343501	48.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.18%	

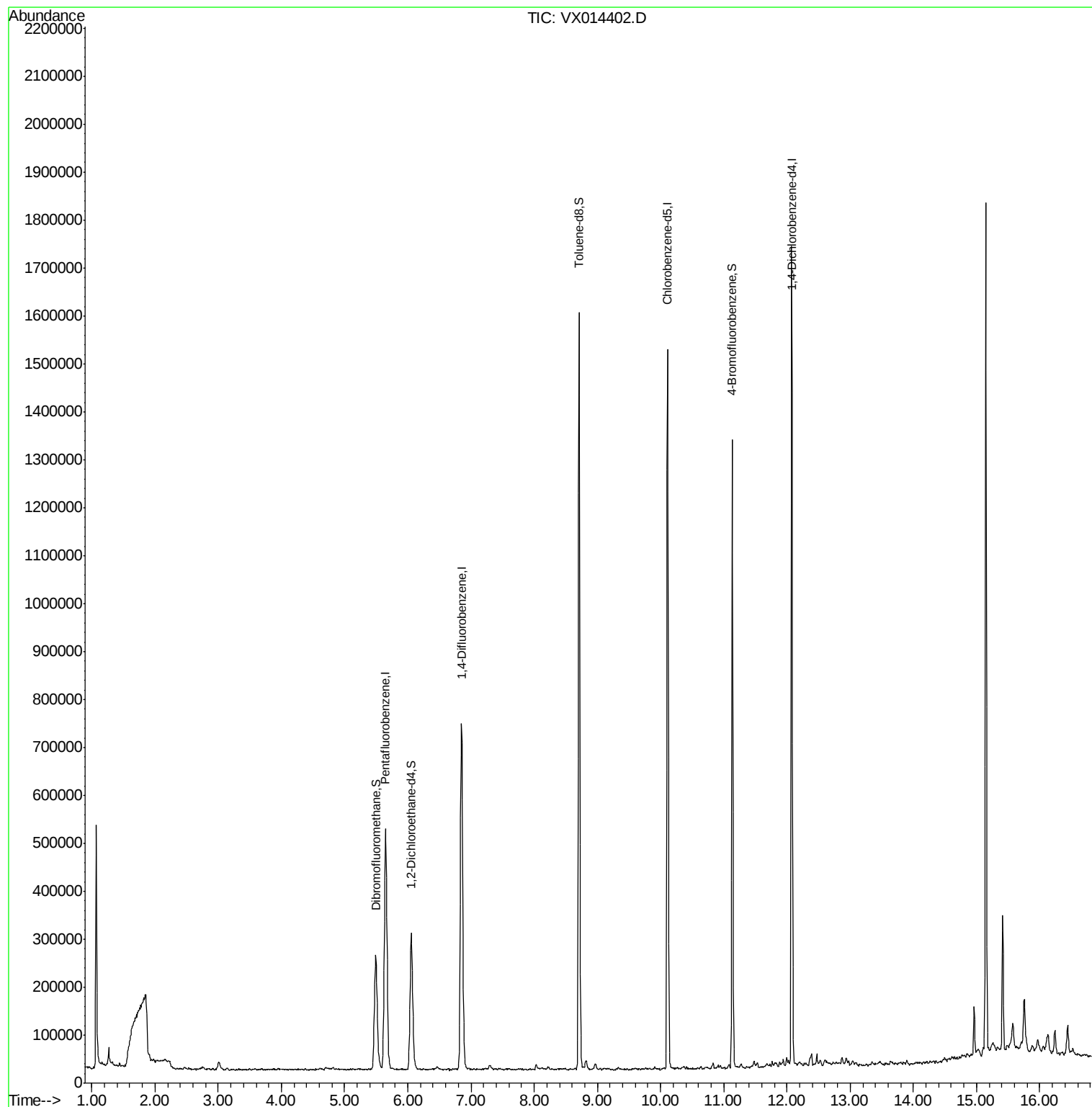
Target Compounds	Qvalue
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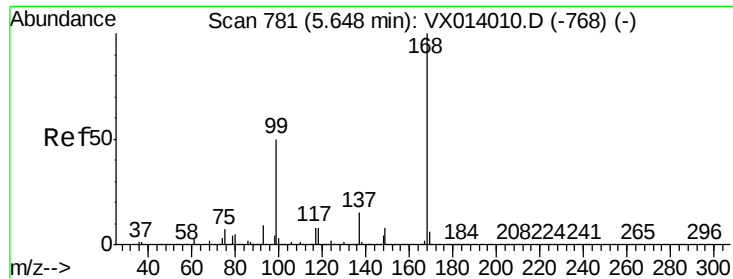
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX014402.D

Acq: 03 Jan 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

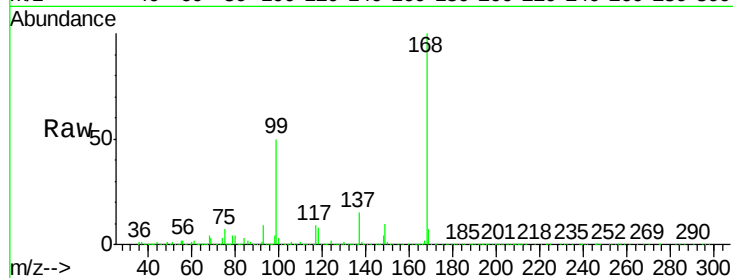
WP022SB455_191227-12-14

Tgt Ion:168 Resp: 540688

Ion Ratio Lower Upper

168 100

99 49.7 40.3 60.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

200000

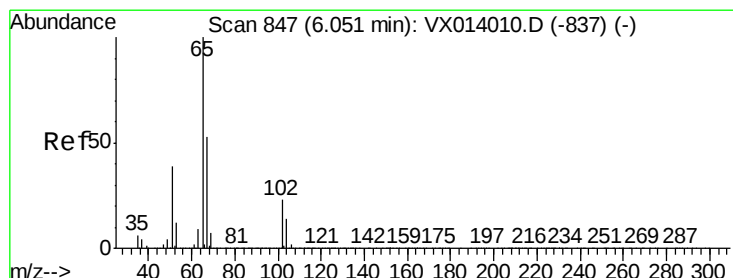
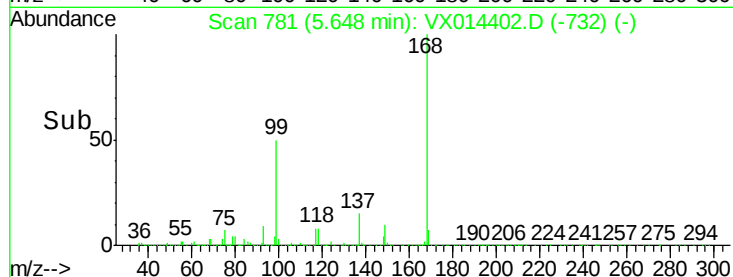
150000

100000

50000

0

Time-->



#33

1,2-Dichloroethane-d4

Concen: 47.821 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX014402.D

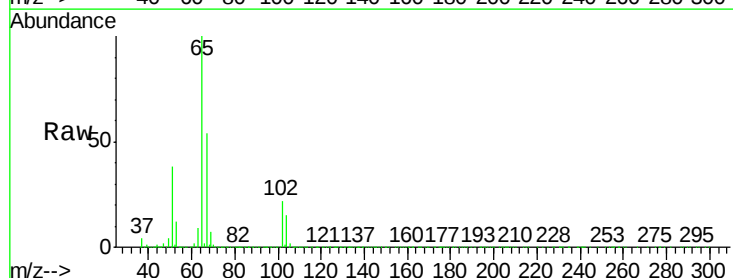
Acq: 03 Jan 2020 15:50

Tgt Ion: 65 Resp: 293047

Ion Ratio Lower Upper

65 100

67 52.1 0.0 106.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.05

120000

100000

80000

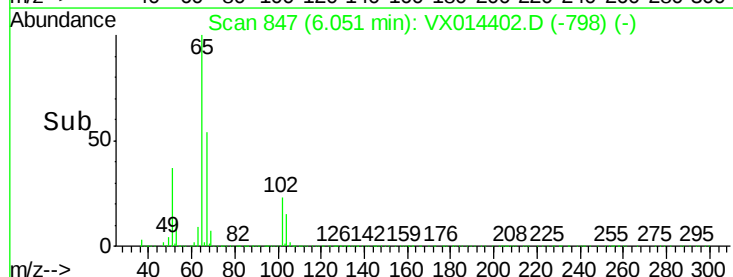
60000

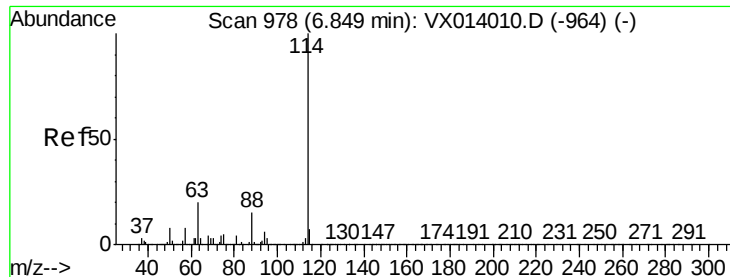
40000

20000

0

Time-->





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 978

Delta R.T. 0.00 min

Lab File: VX014402.D

Acq: 03 Jan 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

WP022SB455_191227-12-14

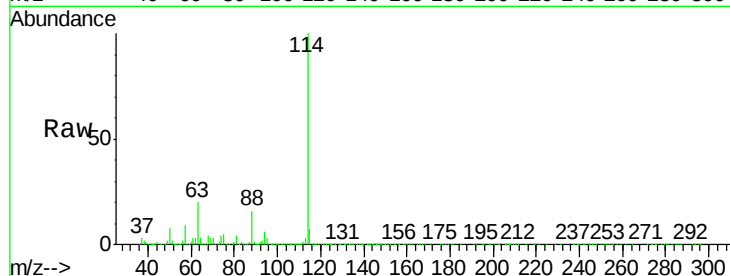
Tgt Ion:114 Resp: 817225

Ion Ratio Lower Upper

114 100

63 20.0 0.0 40.8

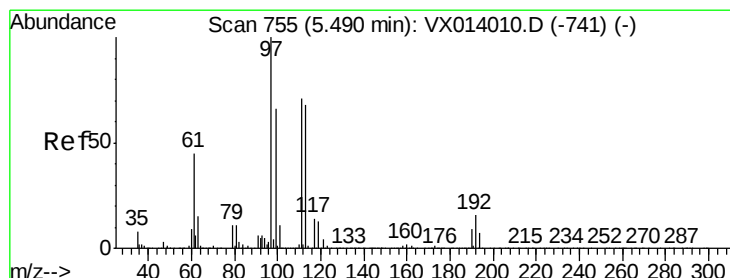
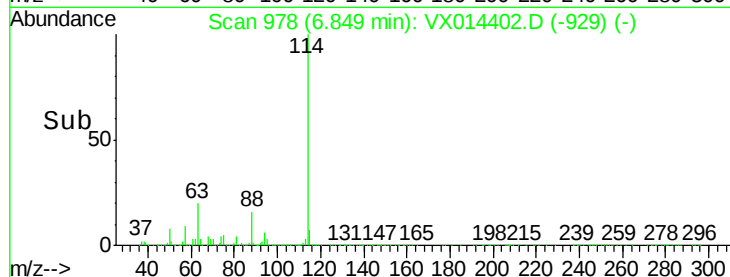
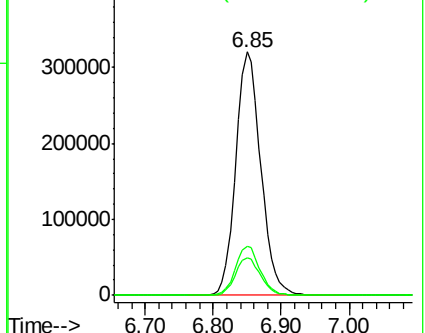
88 15.6 0.0 30.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.264 ug/l

RT: 5.50 min Scan# 756

Delta R.T. 0.01 min

Lab File: VX014402.D

Acq: 03 Jan 2020 15:50

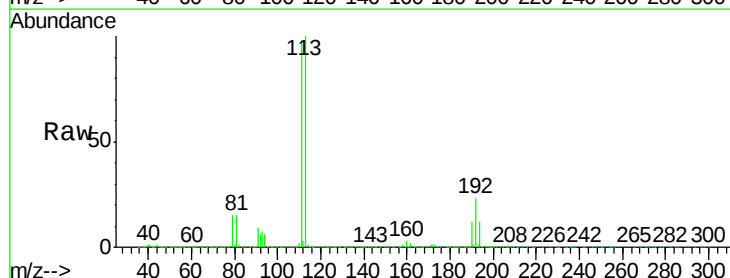
Tgt Ion:113 Resp: 229832

Ion Ratio Lower Upper

113 100

111 101.5 82.0 123.0

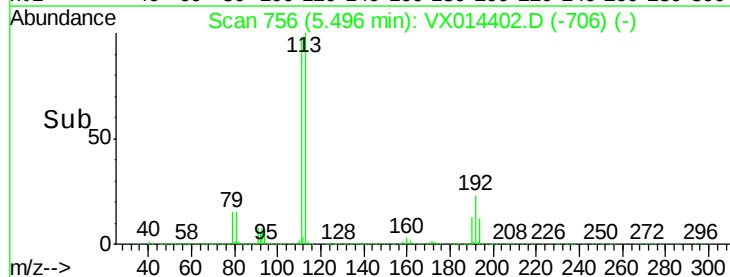
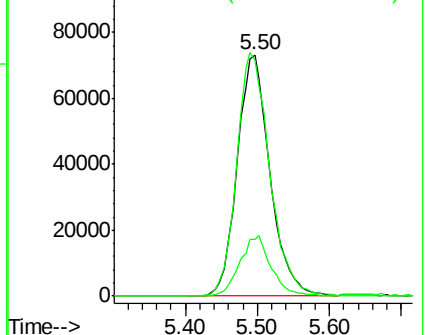
192 24.1 19.3 28.9

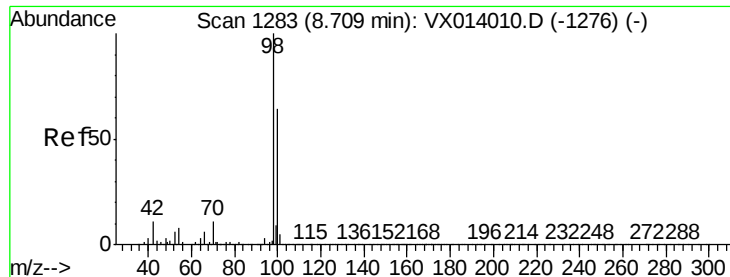


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 49.713 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX014402.D

Acq: 03 Jan 2020 15:50

Instrument :

MSVOA_X

ClientSampleId :

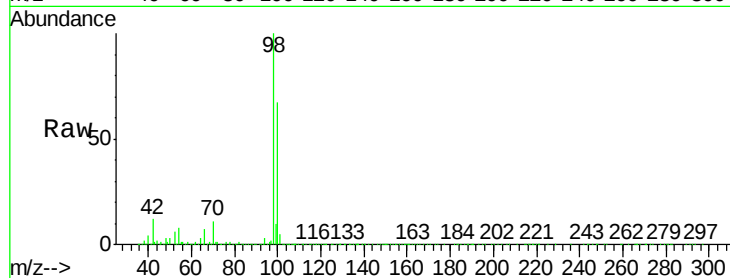
WP022SB455_191227-12-14

Tgt Ion: 98 Resp: 961497

Ion Ratio Lower Upper

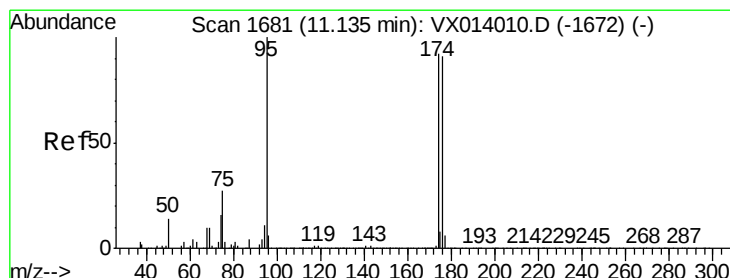
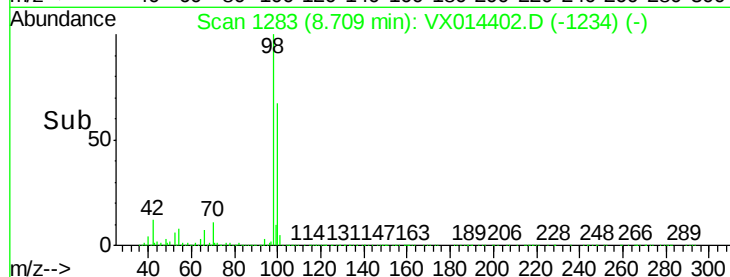
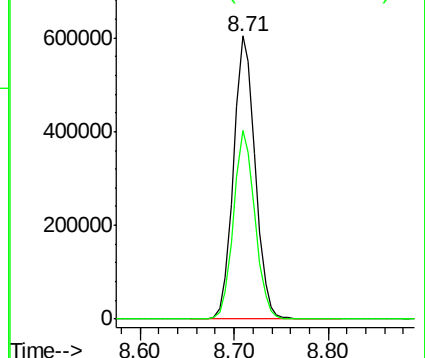
98 100

100 65.8 52.9 79.3



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



#62

4-Bromofluorobenzene

Concen: 48.586 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX014402.D

Acq: 03 Jan 2020 15:50

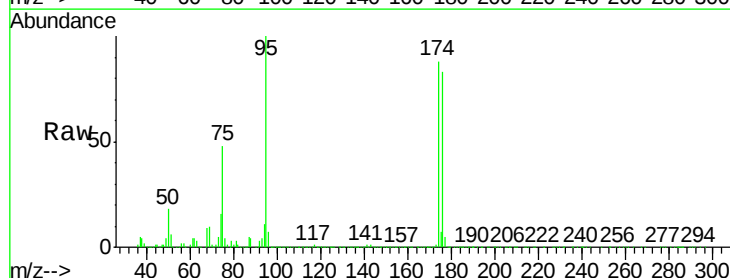
Tgt Ion: 95 Resp: 343501

Ion Ratio Lower Upper

95 100

174 89.7 0.0 175.8

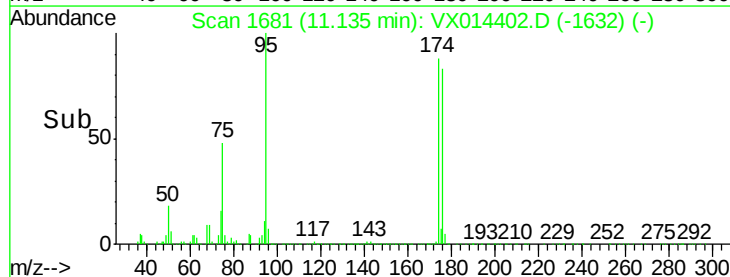
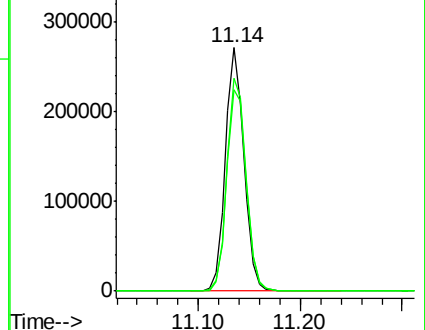
176 87.2 0.0 173.0

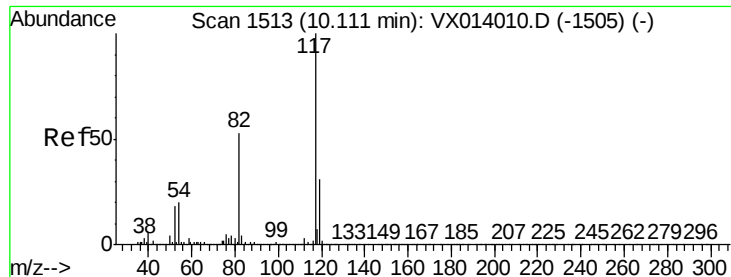


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

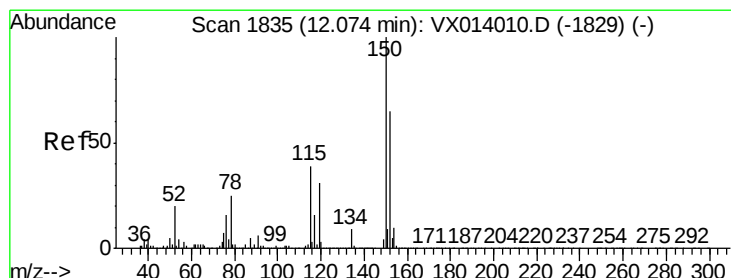
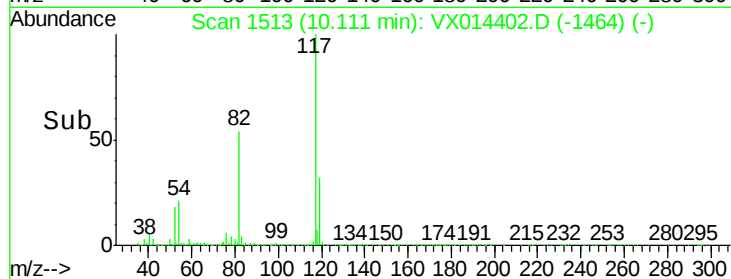
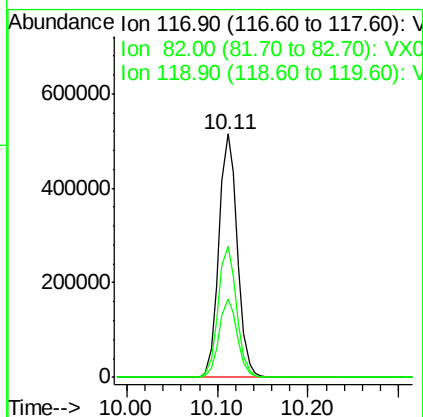
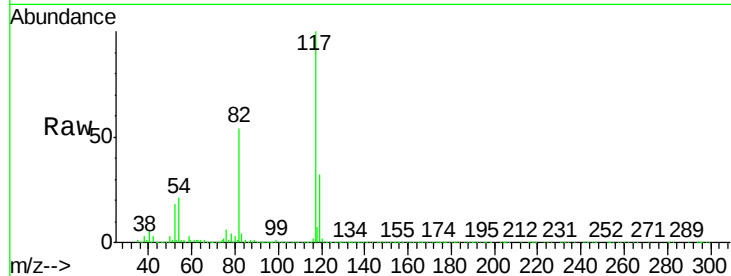




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX014402.D
Acq: 03 Jan 2020 15:50

Instrument :
MSVOA_X
ClientSampleId :
WP022SB455_191227-12-14

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.8	42.2	63.4
119	32.0	25.1	37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. 0.00 min
Lab File: VX014402.D
Acq: 03 Jan 2020 15:50

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.7	38.3	114.9
150	153.9	0.0	345.4

