

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX111319\
 Data File : VX013402.D
 Acq On : 13 Nov 2019 13:11
 Operator : JC/SP
 Sample : K5802-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0674

Quant Time: Nov 14 07:15:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X103119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 02 07:06:38 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	787325	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1254405	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1100157	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	482735	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	449940	48.24	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.48%	
35) Dibromofluoromethane	5.48	113	378829	48.15	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.30%	
50) Toluene-d8	8.71	98	1484766	50.06	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.13	95	487155	45.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	91.02%	

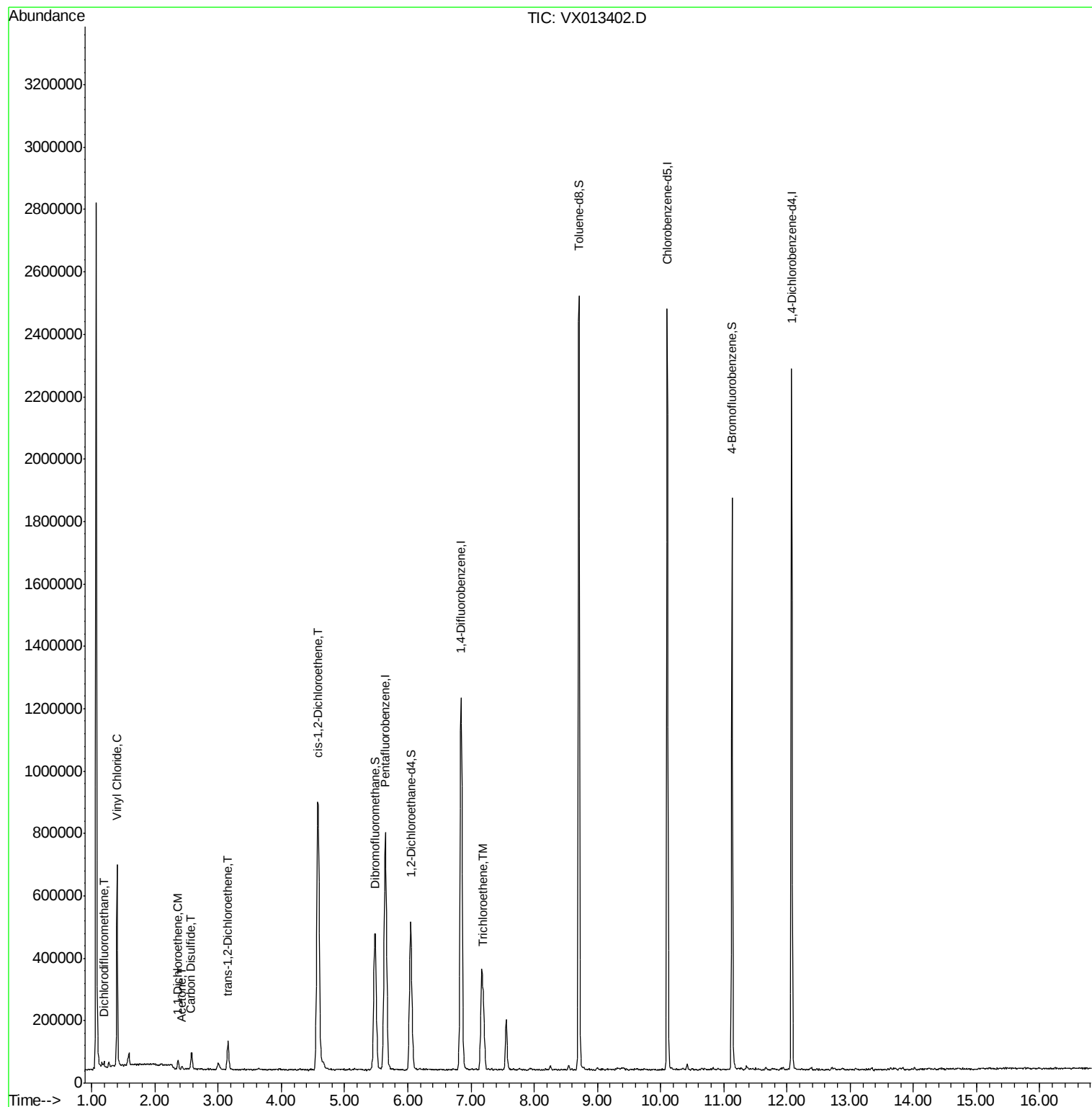
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	9873	1.088	ug/l	90
4) Vinyl Chloride	1.40	62	395076	35.276	ug/l	99
12) 1,1-Dichloroethene	2.36	96	11180	1.548	ug/l	92
16) Acetone	2.42	43	9695	2.084	ug/l	92
17) Carbon Disulfide	2.56	76	8731	0.452	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	39393	5.010	ug/l	97
27) cis-1,2-Dichloroethene	4.58	96	571960	64.931	ug/l	89
44) Trichloroethene	7.20	130	61372	6.651	ug/l	96

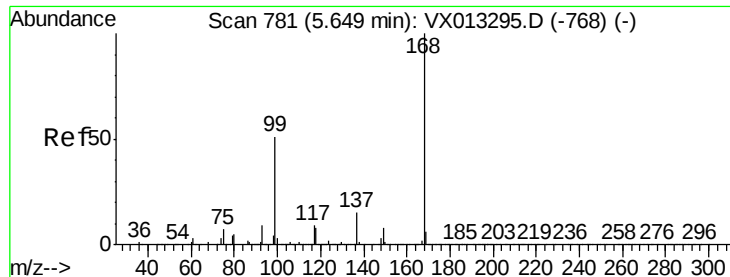
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Nov 02 07:06:38 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: VX013402.D

Acq: 13 Nov 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

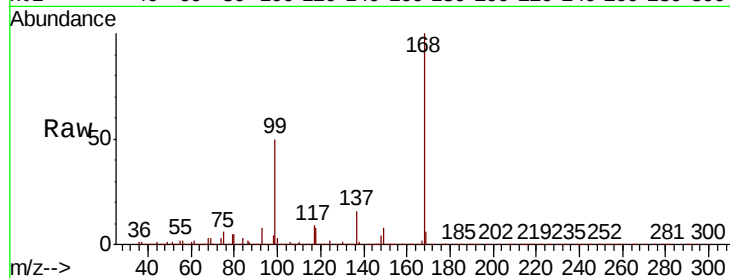
S32-0674

Tot Ion:168 Resp: 787325

Ion Ratio Lower Upper

168 100

99 50.2 40.8 61.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.65

300000

250000

200000

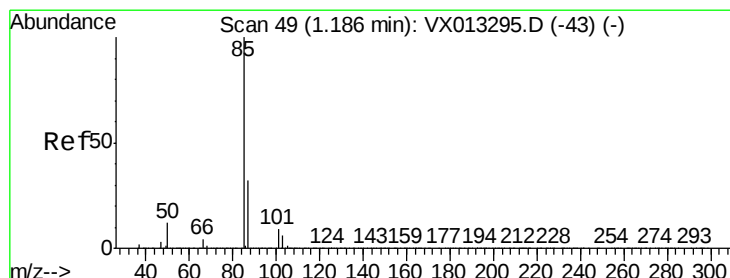
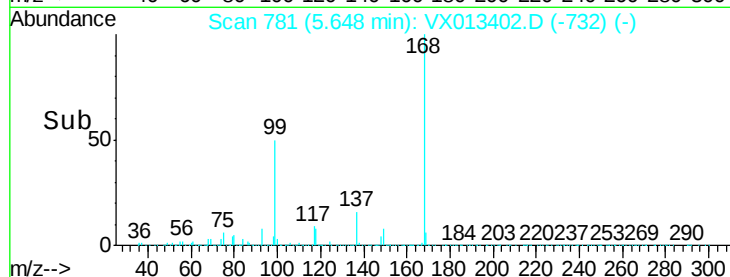
150000

100000

50000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 1.088 ug/l

RT: 1.19 min Scan# 49

Delta R.T. -0.00 min

Lab File: VX013402.D

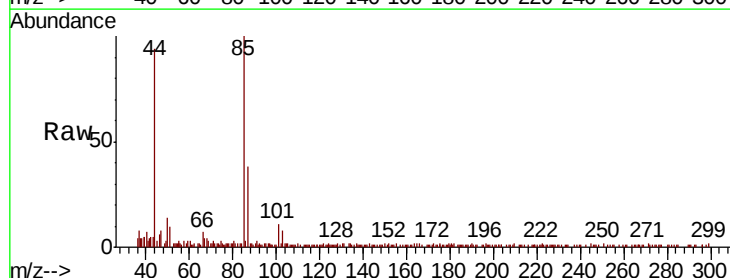
Acq: 13 Nov 2019 13:11

Tgt Ion: 85 Resp: 9873

Ion Ratio Lower Upper

85 100

87 37.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.19

10000

8000

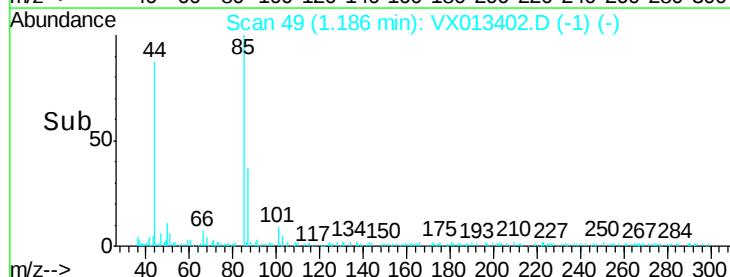
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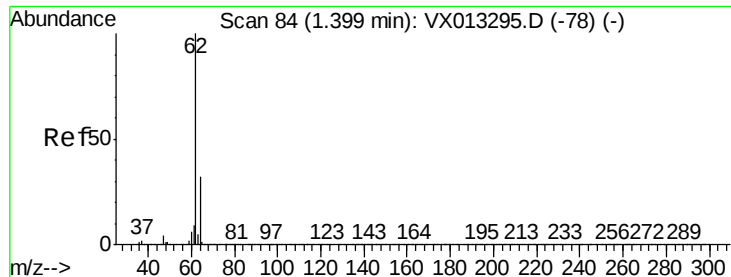
4000

2000

0

Time-->





#4

Vinyl Chloride

Concen: 35.276 ug/l

RT: 1.40 min Scan# 84

Delta R.T. -0.00 min

Lab File: VX013402.D

Acq: 13 Nov 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

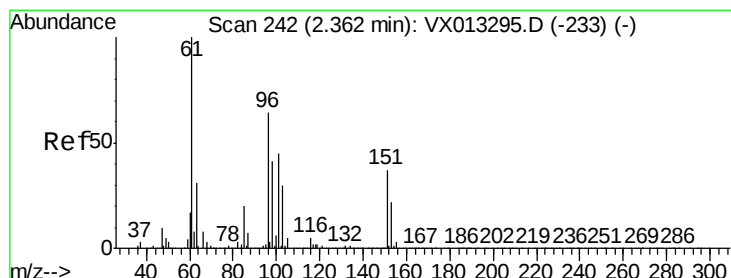
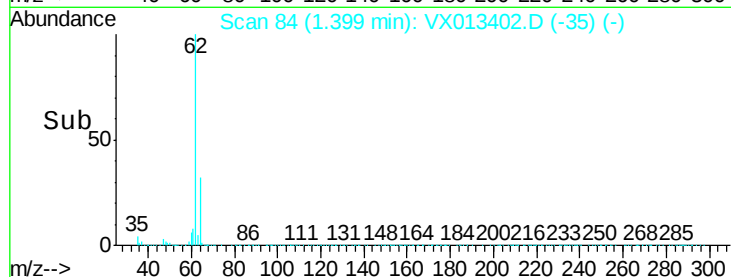
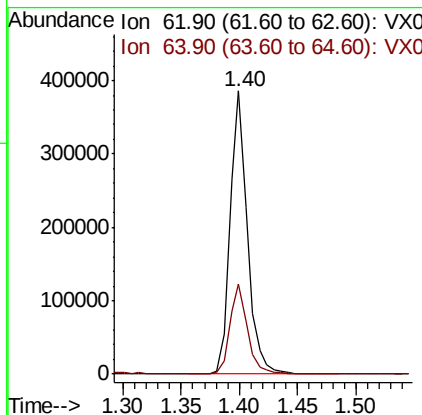
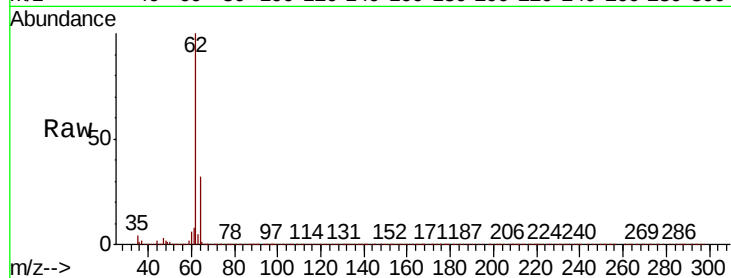
S32-0674

Tot Ion: 62 Resp: 395076

Ion Ratio Lower Upper

62 100

64 31.6 25.6 38.4



#12

1,1-Dichloroethene

Concen: 1.548 ug/l

RT: 2.36 min Scan# 242

Delta R.T. -0.00 min

Lab File: VX013402.D

Acq: 13 Nov 2019 13:11

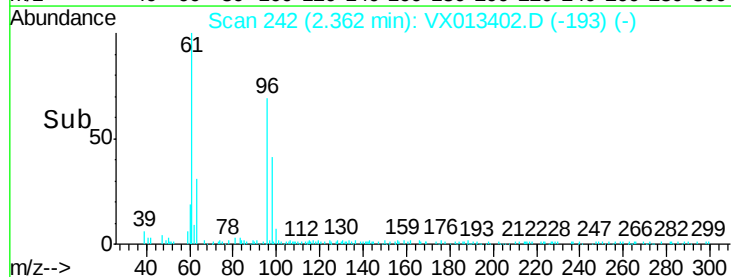
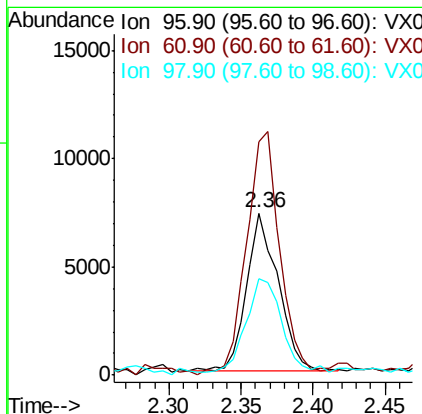
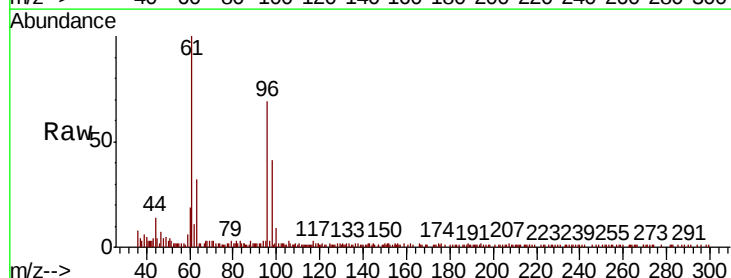
Tgt Ion: 96 Resp: 11180

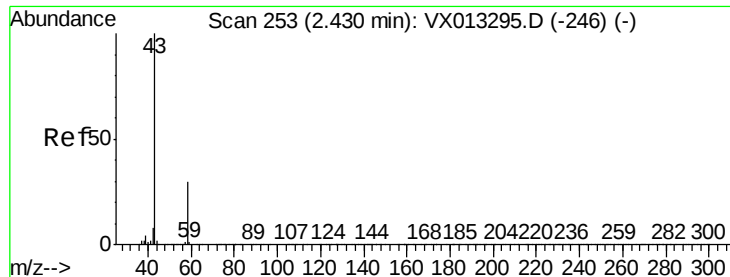
Ion Ratio Lower Upper

96 100

61 145.4 125.0 187.6

98 58.8 50.7 76.1

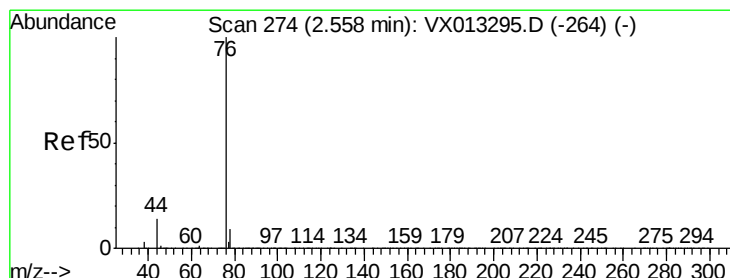
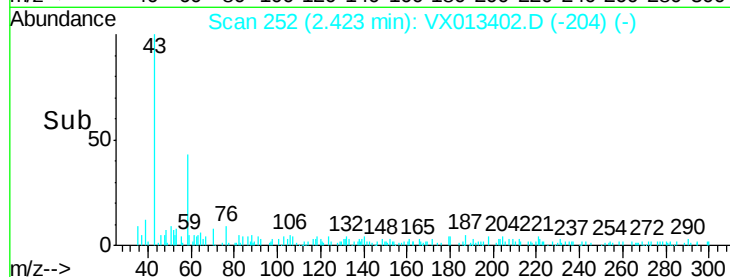
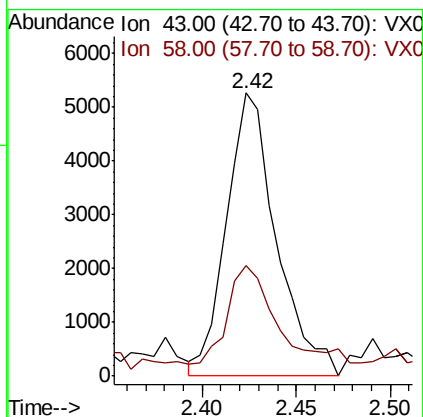
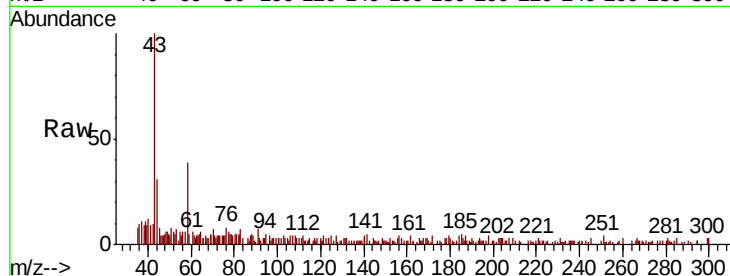




#16
Acetone
Concen: 2.084 ug/l
RT: 2.42 min Scan# 252
Delta R.T. -0.01 min
Lab File: VX013402.D
Acq: 13 Nov 2019 13:11

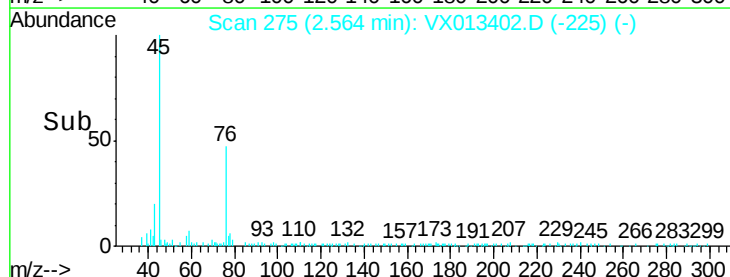
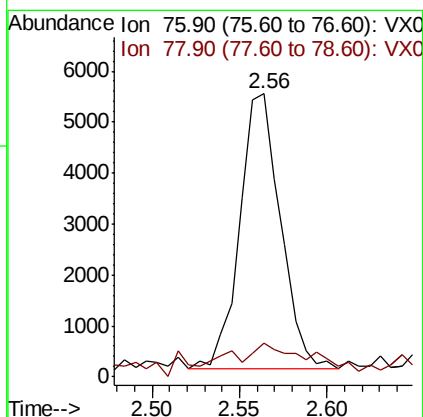
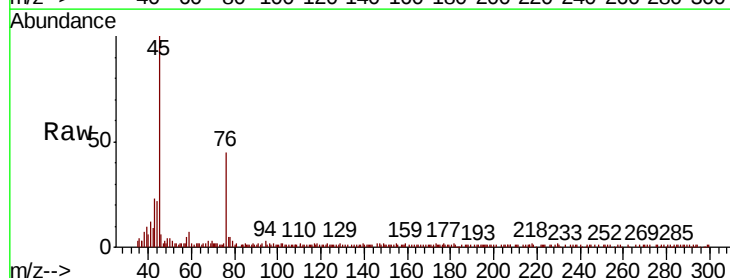
Instrument :
MSVOA_X
ClientSampleId :
S32-0674

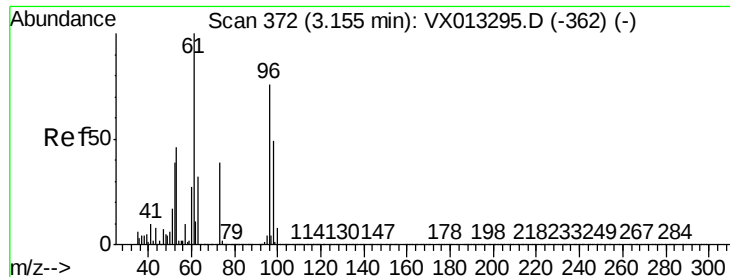
Tot Ion: 43 Resp: 9695
Ion Ratio Lower Upper
43 100
58 35.0 24.3 36.5



#17
Carbon Disulfide
Concen: 0.452 ug/l
RT: 2.56 min Scan# 275
Delta R.T. 0.01 min
Lab File: VX013402.D
Acq: 13 Nov 2019 13:11

Tgt Ion: 76 Resp: 8731
Ion Ratio Lower Upper
76 100
78 8.2 7.0 10.6





#21

trans-1,2-Dichloroethene

Concen: 5.010 ug/l

RT: 3.15 min Scan# 372

Delta R.T. -0.00 min

Lab File: VX013402.D

Acq: 13 Nov 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

S32-0674

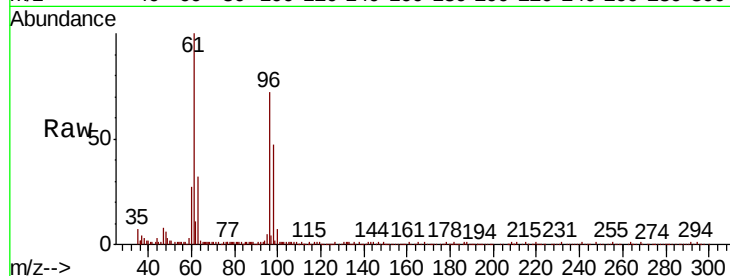
Tot Ion: 96 Resp: 39393

Ion Ratio Lower Upper

96 100

61 138.1 105.8 158.6

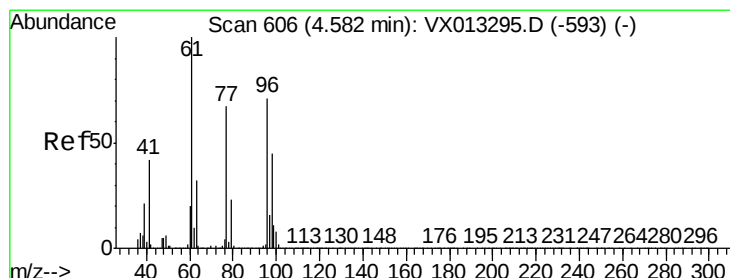
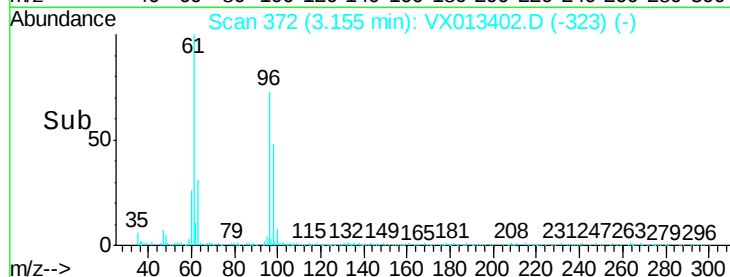
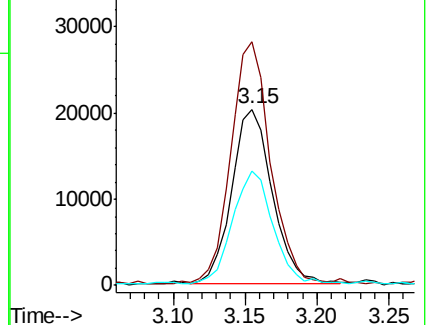
98 64.8 51.8 77.6



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: 64.931 ug/l

RT: 4.58 min Scan# 606

Delta R.T. -0.00 min

Lab File: VX013402.D

Acq: 13 Nov 2019 13:11

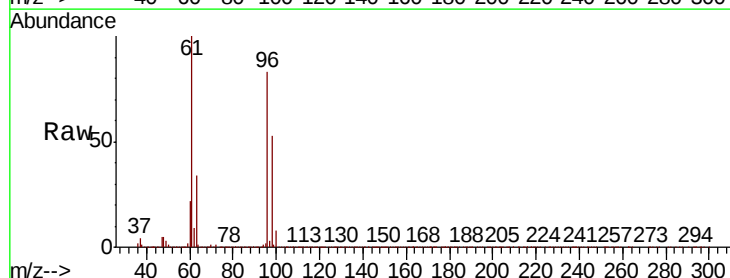
Tgt Ion: 96 Resp: 571960

Ion Ratio Lower Upper

96 100

61 125.1 0.0 288.0

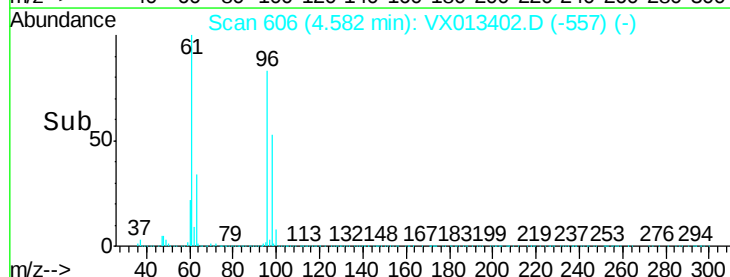
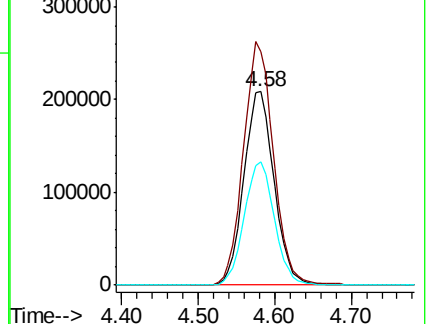
98 63.8 0.0 129.6

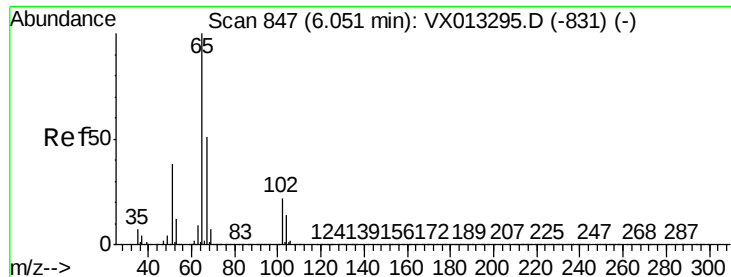


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 48.238 ug/l

RT: 6.04 min Scan# 846

Delta R.T. -0.01 min

Lab File: VX013402.D

Acq: 13 Nov 2019 13:11

Instrument :

MSVOA_X

ClientSampleId :

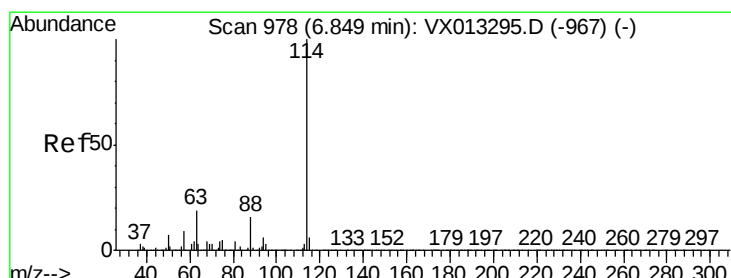
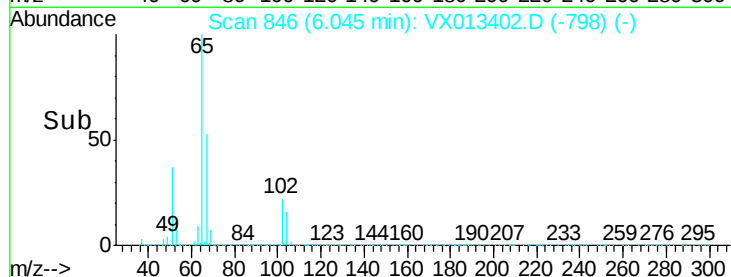
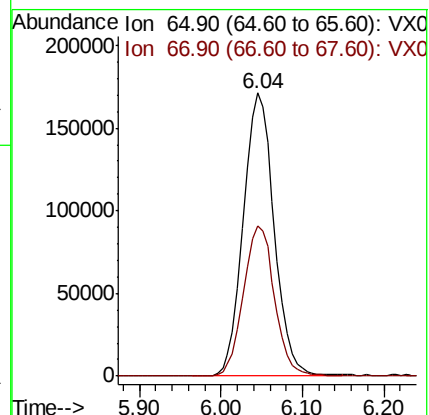
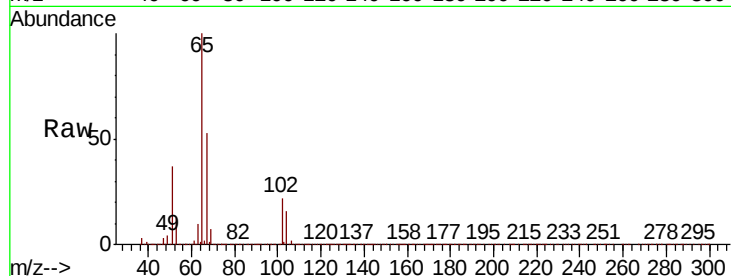
S32-0674

Tot Ion: 65 Resp: 449940

Ion Ratio Lower Upper

65 100

67 53.6 0.0 104.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 977

Delta R.T. -0.01 min

Lab File: VX013402.D

Acq: 13 Nov 2019 13:11

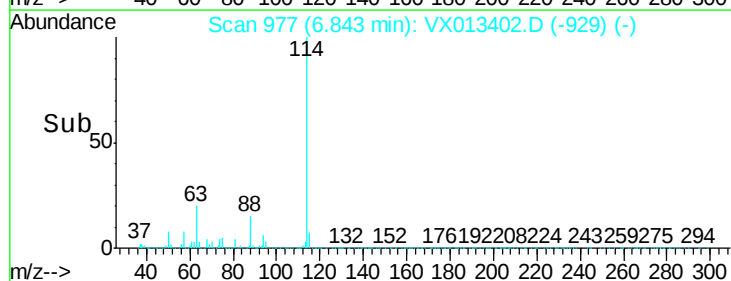
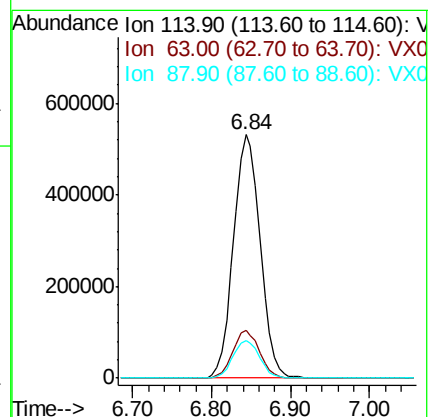
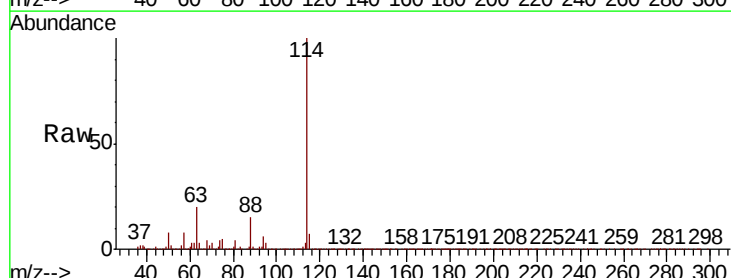
Tgt Ion: 114 Resp: 1254405

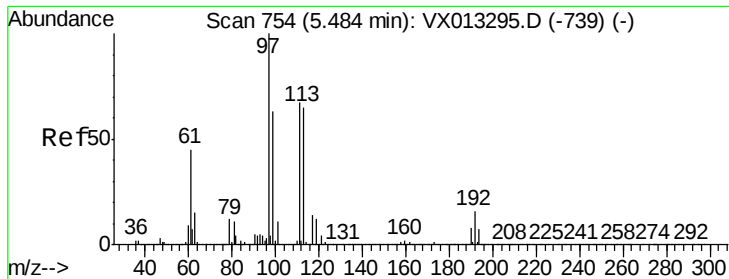
Ion Ratio Lower Upper

114 100

63 19.6 0.0 38.4

88 15.1 0.0 32.2

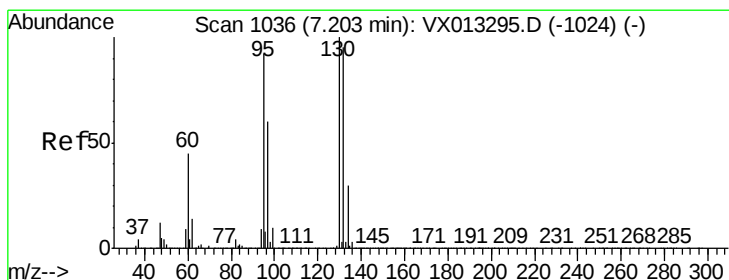
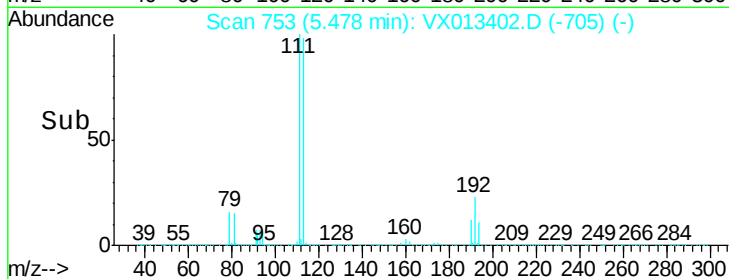
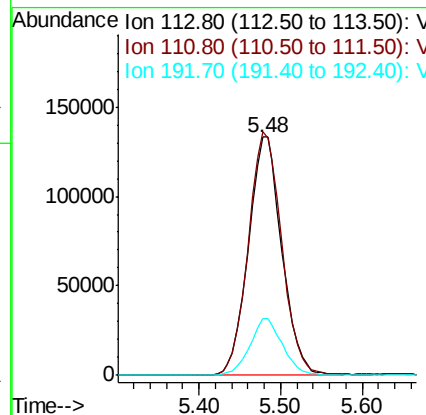
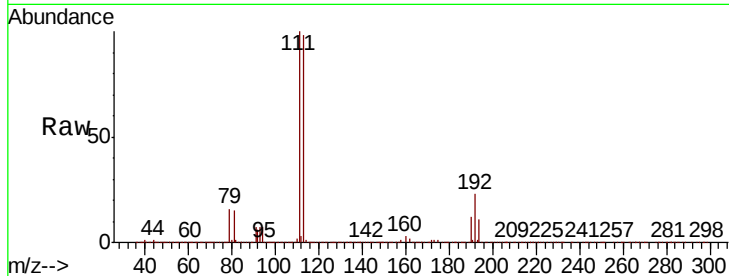




#35
 Dibromofluoromethane
 Concen: 48.149 ug/l
 RT: 5.48 min Scan# 753
 Delta R.T. -0.01 min
 Lab File: VX013402.D
 Acq: 13 Nov 2019 13:11

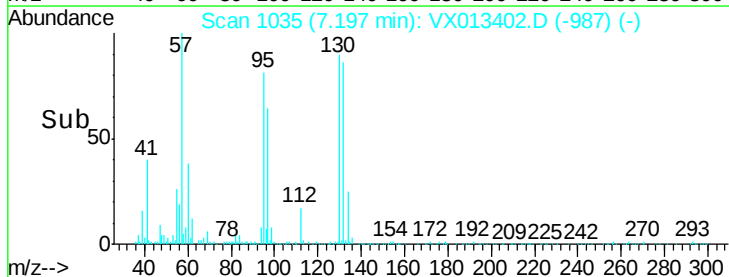
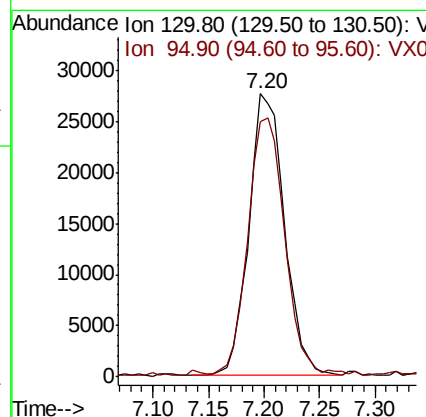
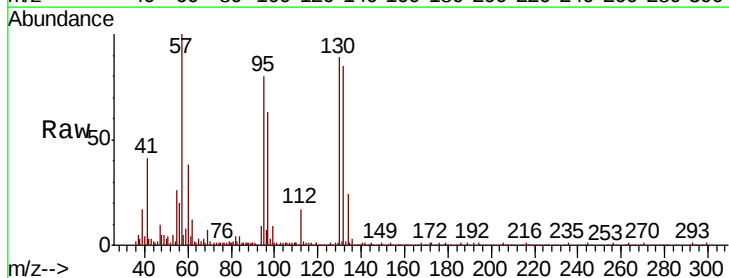
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0674

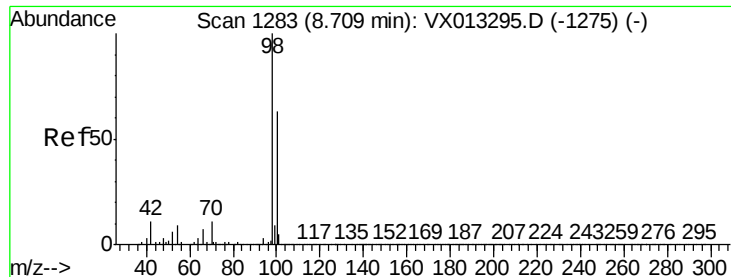
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.4	81.9	122.9
192	23.3	19.1	28.7



#44
 Trichloroethene
 Concen: 6.651 ug/l
 RT: 7.20 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: VX013402.D
 Acq: 13 Nov 2019 13:11

Tgt Ion	Ratio	Lower	Upper
130	100		
95	88.8	0.0	184.8





#50

Toluene-d8

Concen: 50.058 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. -0.00 min

Lab File: VX013402.D

Acq: 13 Nov 2019 13:11

Instrument :

MSVOA_X

ClientSampled :

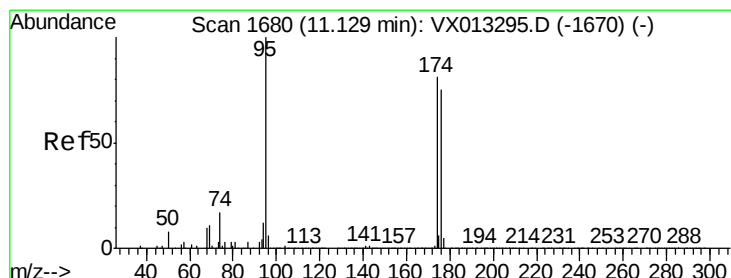
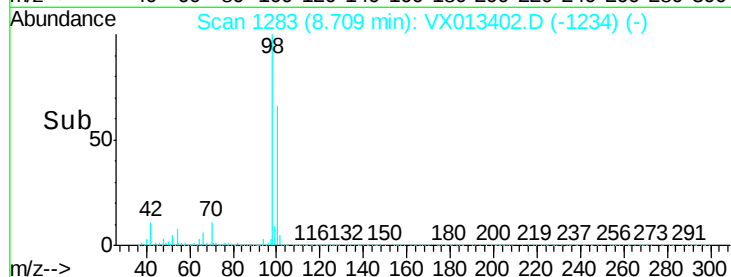
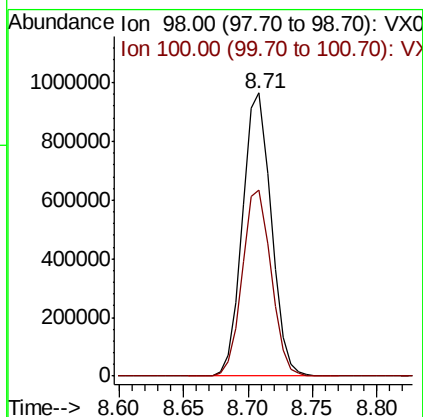
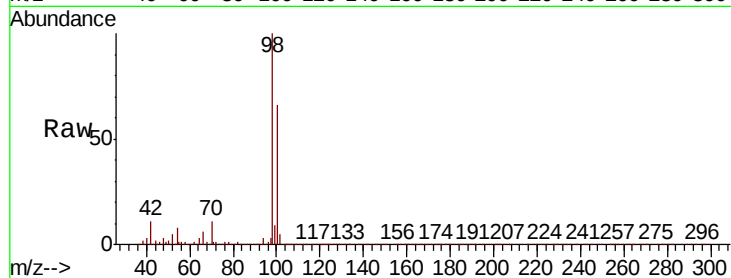
S32-0674

Tot Ion: 98 Resp: 1484766

Ion Ratio Lower Upper

98 100

100 66.1 52.2 78.2



#62

4-Bromofluorobenzene

Concen: 45.508 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.00 min

Lab File: VX013402.D

Acq: 13 Nov 2019 13:11

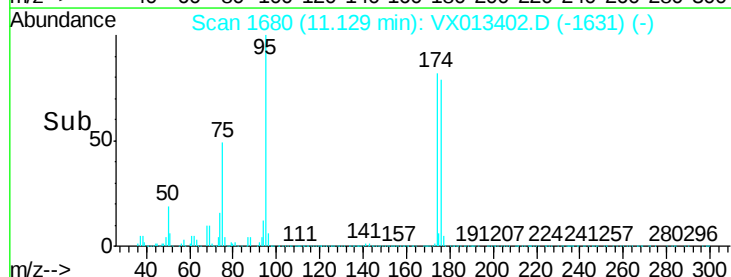
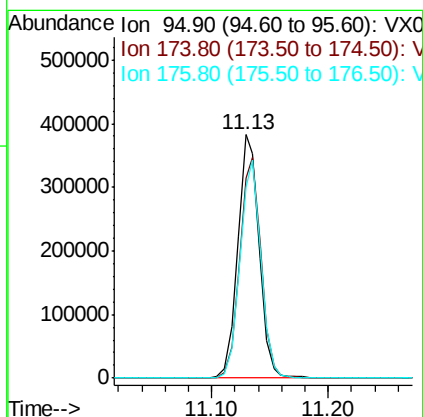
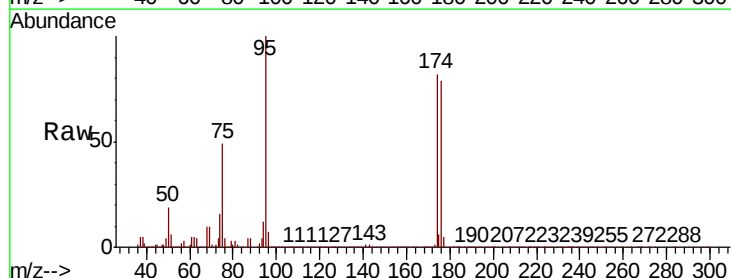
Tgt Ion: 95 Resp: 487155

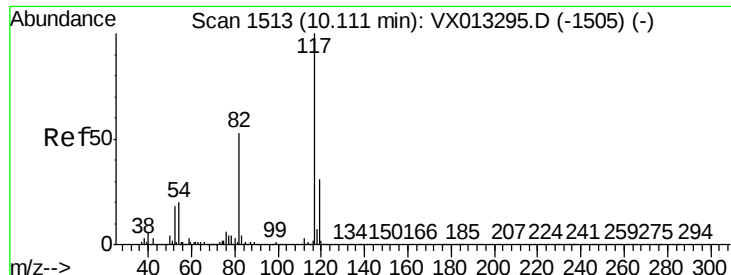
Ion Ratio Lower Upper

95 100

174 90.4 0.0 179.8

176 88.1 0.0 173.0

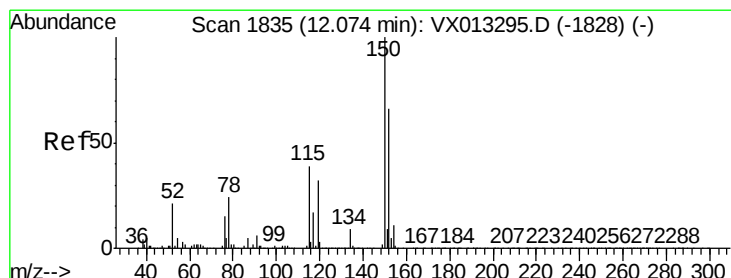
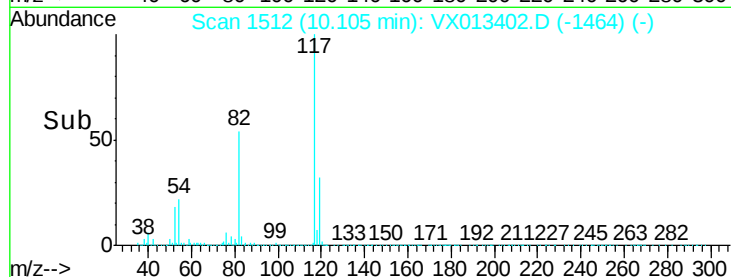
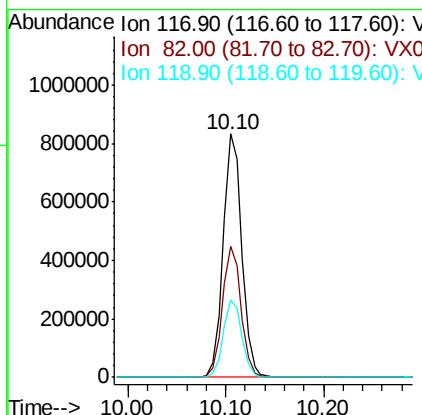
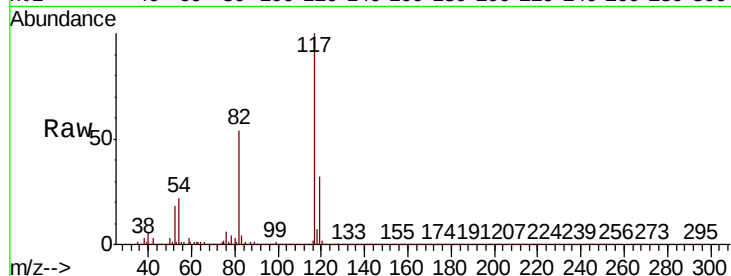




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. -0.01 min
Lab File: VX013402.D
Acq: 13 Nov 2019 13:11

Instrument :
MSVOA_X
ClientSampled :
S32-0674

Tot Ion:117 Resp: 1100157
Ion Ratio Lower Upper
117 100
82 53.7 42.6 64.0
119 31.8 24.8 37.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1835
Delta R.T. -0.00 min
Lab File: VX013402.D
Acq: 13 Nov 2019 13:11

Tgt Ion:152 Resp: 482735
Ion Ratio Lower Upper
152 100
115 55.8 39.5 118.3
150 157.2 0.0 344.4

