

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010319\
 Data File : VX006897.D
 Acq On : 03 Jan 2019 16:18
 Operator : JC/MD
 Sample : K1032-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0647

Quant Time: Jan 04 04:52:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

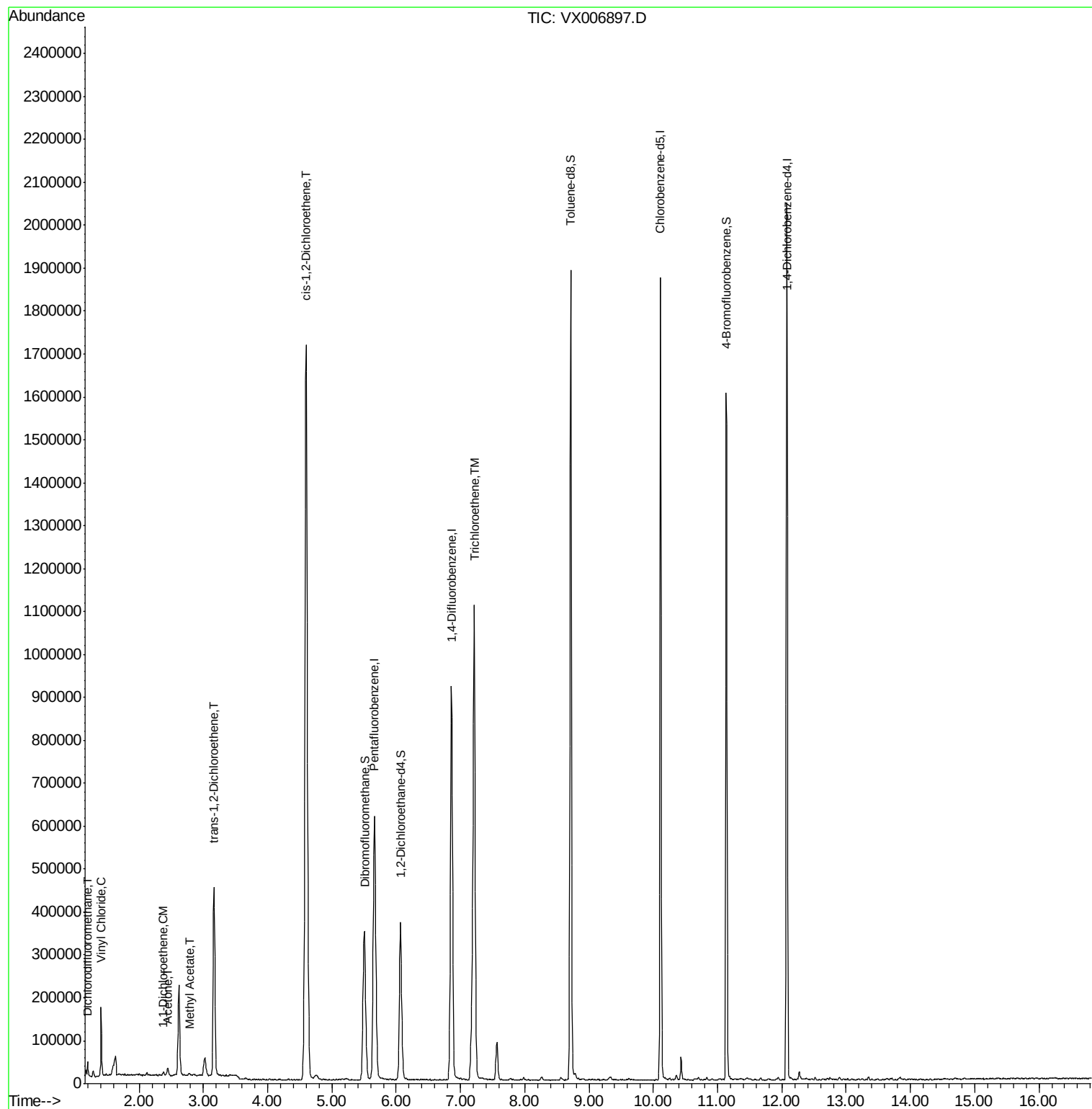
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	648138	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	972016	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	907579	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	437992	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	333671	47.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.54%	
35) Dibromofluoromethane	5.51	113	300137	48.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.66%	
50) Toluene-d8	8.71	98	1164289	50.24	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.48%	
62) 4-Bromofluorobenzene	11.13	95	415858	49.00	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.00%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	20030	3.378	ug/l	94
4) Vinyl Chloride	1.41	62	96722	14.497	ug/l	98
12) 1,1-Dichloroethene	2.38	96	4186	0.723	ug/l #	82
16) Acetone	2.45	43	18602	5.796	ug/l	94
18) Methyl Acetate	2.78	43	4990	0.529	ug/l #	72
21) trans-1,2-Dichloroethene	3.17	96	181171	28.236	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	1161596	164.084	ug/l	92
44) Trichloroethene	7.21	130	427270	57.688	ug/l	98

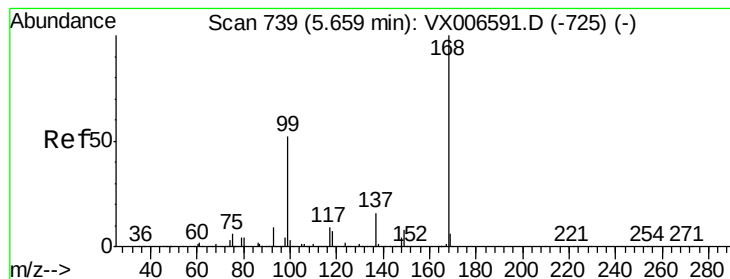
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX010319\
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Acq On : 03 Jan 2019 16:18
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Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_X
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S32-0647

Quant Time: Jan 04 04:52:55 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
Quant Title : SW846 8260
QLast Update : Wed Dec 19 15:20:58 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.00 min

Lab File: VX006897.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

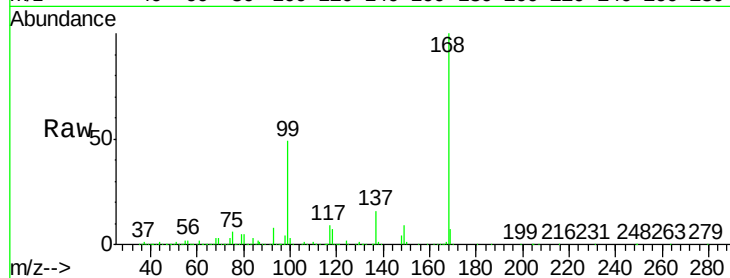
S32-0647

Tot Ion:168 Resp: 648138

Ion Ratio Lower Upper

168 100

99 49.2 41.8 62.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

250000

200000

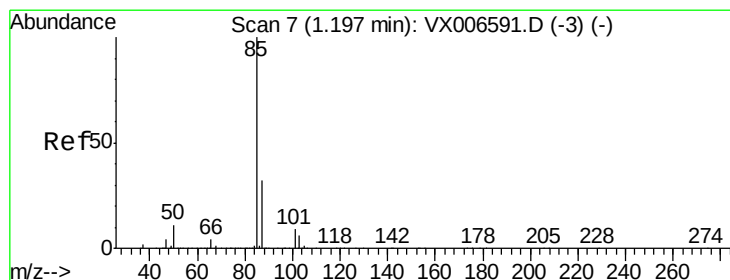
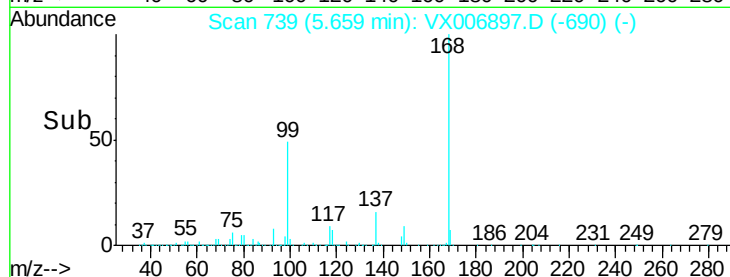
150000

100000

50000

0

Time--> 5.50 5.60 5.70 5.80



#2

Dichlorodifluoromethane

Concen: 3.378 ug/l

RT: 1.20 min Scan# 7

Delta R.T. -0.00 min

Lab File: VX006897.D

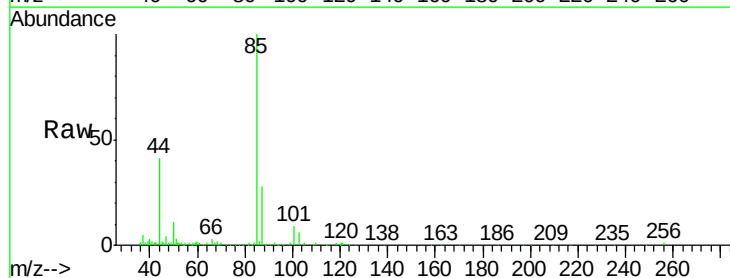
Acq: 03 Jan 2019 16:18

Tgt Ion: 85 Resp: 20030

Ion Ratio Lower Upper

85 100

87 28.4 15.9 47.6



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.20

20000

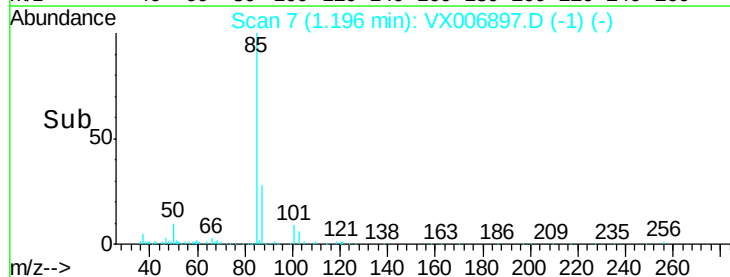
15000

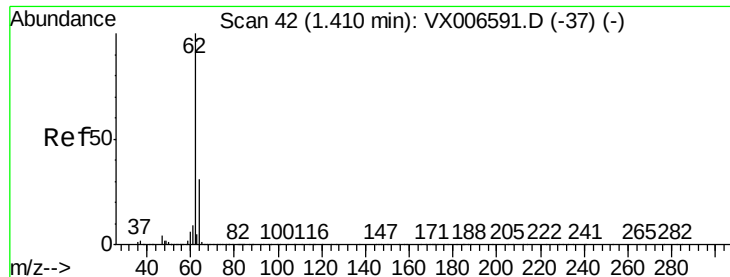
10000

5000

0

Time--> 1.15 1.20 1.25





#4

Vinyl Chloride

Concen: 14.497 ug/l

RT: 1.41 min Scan# 42

Delta R.T. -0.00 min

Lab File: VX006897.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_X

ClientSampled :

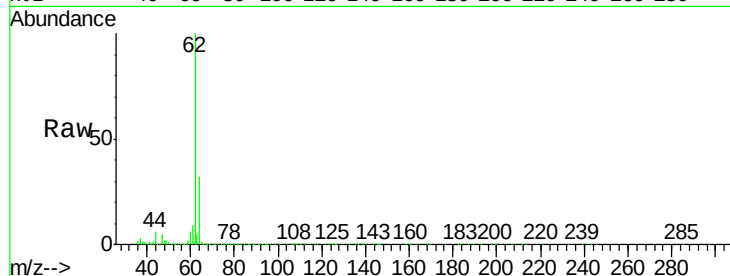
S32-0647

Tot Ion: 62 Resp: 96722

Ion Ratio Lower Upper

62 100

64 32.3 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.41

100000

80000

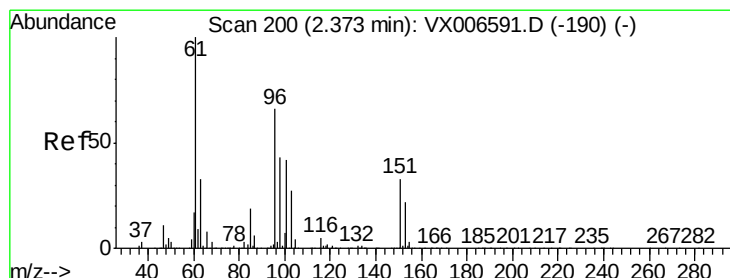
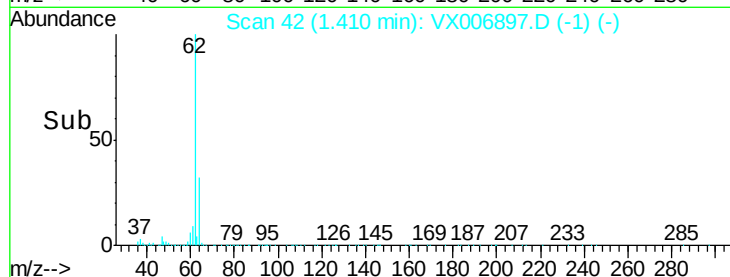
60000

40000

20000

0

Time-->



#12

1,1-Dichloroethene

Concen: 0.723 ug/l

RT: 2.38 min Scan# 201

Delta R.T. 0.01 min

Lab File: VX006897.D

Acq: 03 Jan 2019 16:18

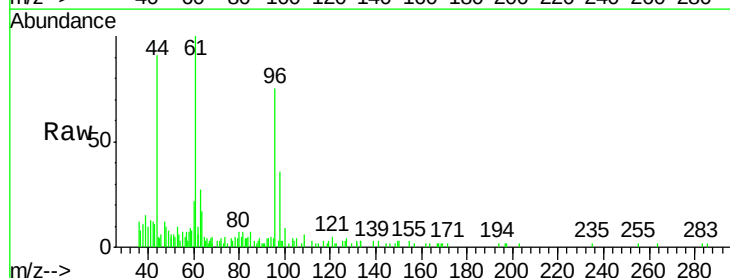
Tgt Ion: 96 Resp: 4186

Ion Ratio Lower Upper

96 100

61 133.4 121.4 182.2

98 44.9 51.9 77.9#



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

2.38

4000

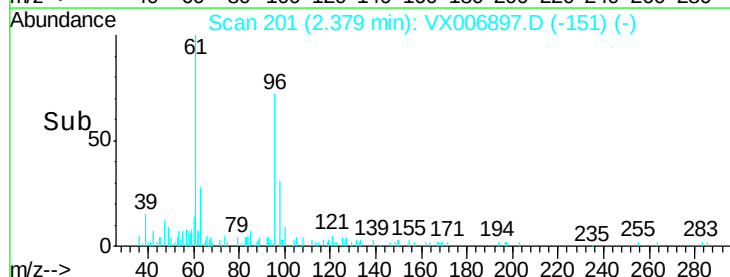
3000

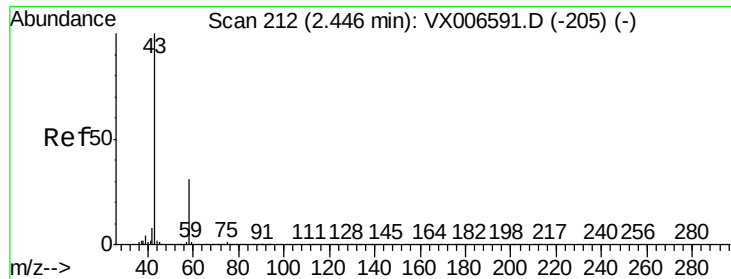
2000

1000

0

Time-->

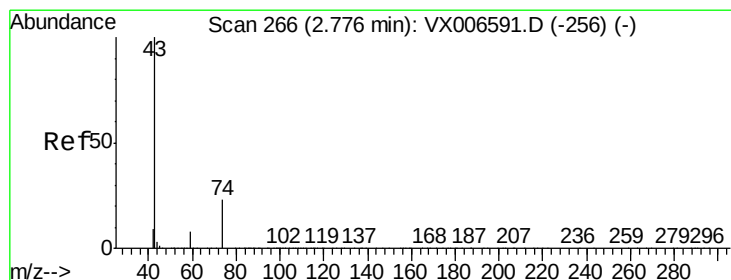
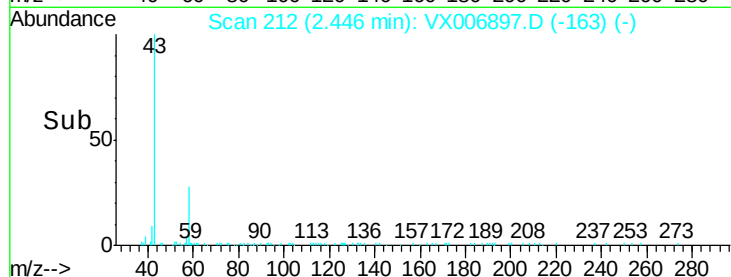
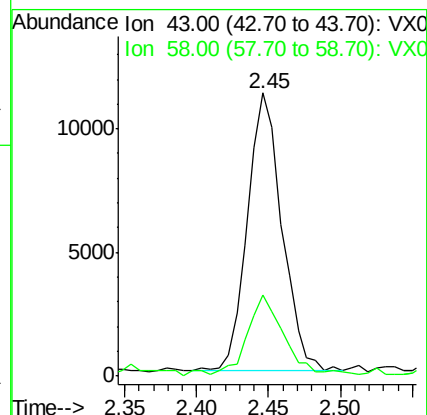
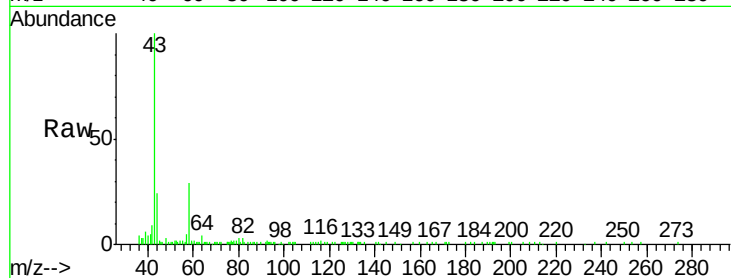




#16
Acetone
Concen: 5.796 ug/l
RT: 2.45 min Scan# 212
Delta R.T. -0.00 min
Lab File: VX006897.D
Acq: 03 Jan 2019 16:18

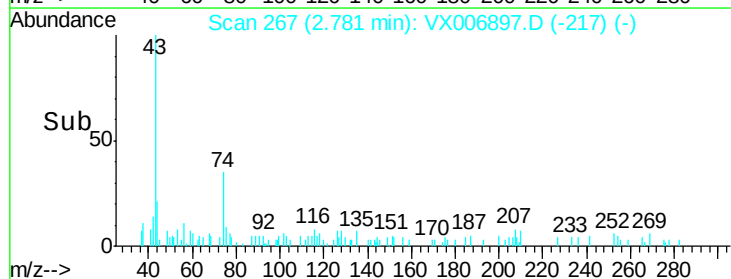
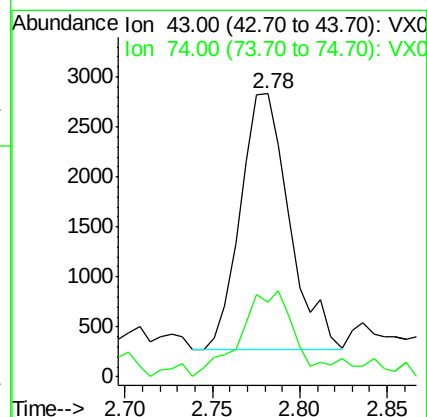
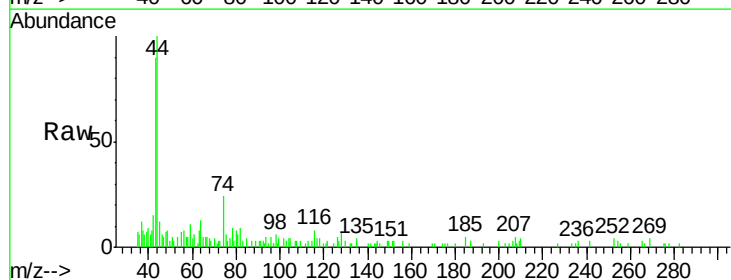
Instrument :
MSVOA_X
ClientSampleId :
S32-0647

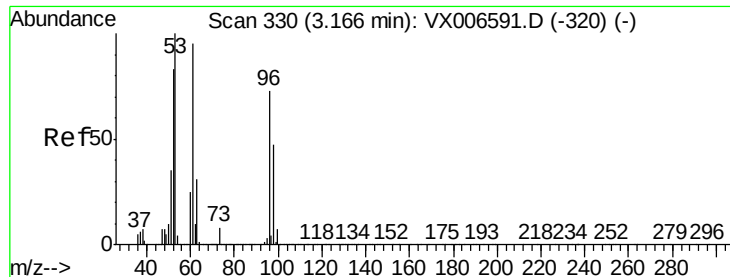
Tot Ion: 43 Resp: 18602
Ion Ratio Lower Upper
43 100
58 27.8 25.0 37.6



#18
Methyl Acetate
Concen: 0.529 ug/l
RT: 2.78 min Scan# 267
Delta R.T. 0.01 min
Lab File: VX006897.D
Acq: 03 Jan 2019 16:18

Tgt Ion: 43 Resp: 4990
Ion Ratio Lower Upper
43 100
74 37.0 18.6 28.0#





#21

trans-1,2-Dichloroethene

Concen: 28.236 ug/l

RT: 3.17 min Scan# 330

Delta R.T. -0.00 min

Lab File: VX006897.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

S32-0647

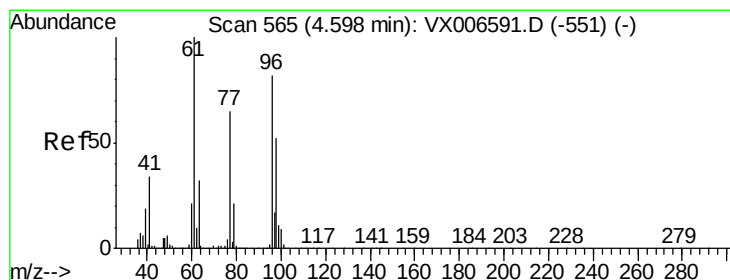
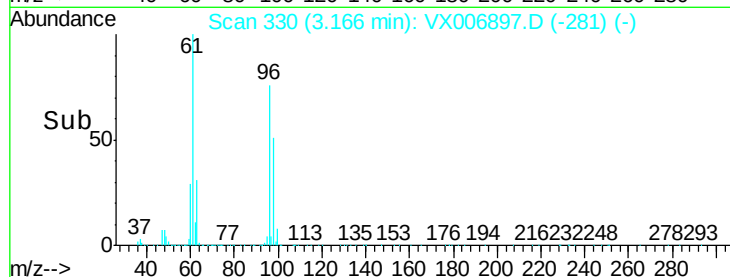
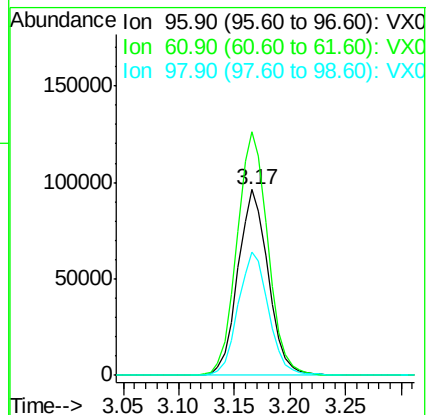
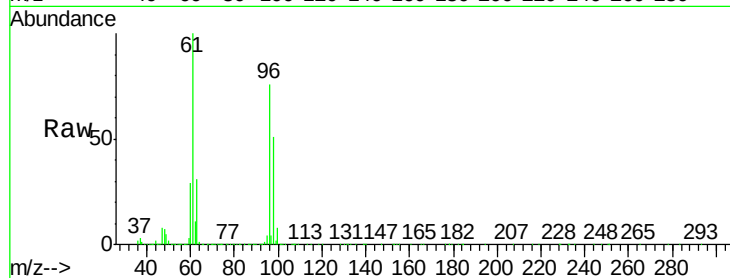
Tot Ion: 96 Resp: 181171

Ion Ratio Lower Upper

96 100

61 131.1 103.7 155.5

98 66.3 51.0 76.6



#27

cis-1,2-Dichloroethene

Concen: 164.084 ug/l

RT: 4.60 min Scan# 565

Delta R.T. -0.00 min

Lab File: VX006897.D

Acq: 03 Jan 2019 16:18

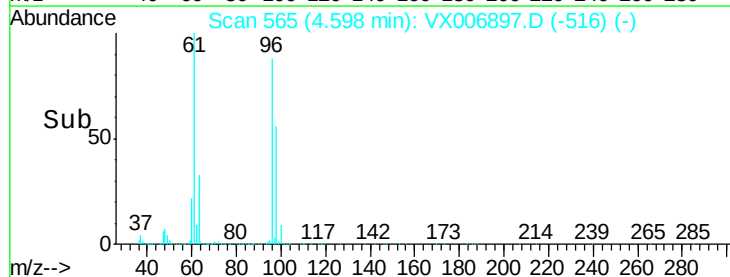
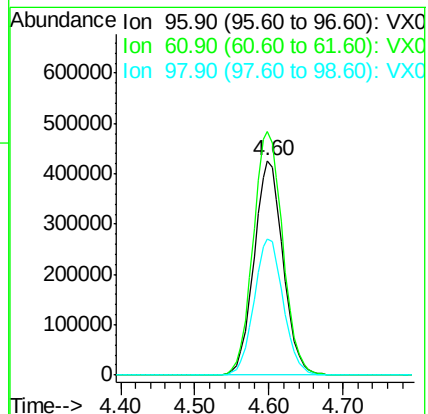
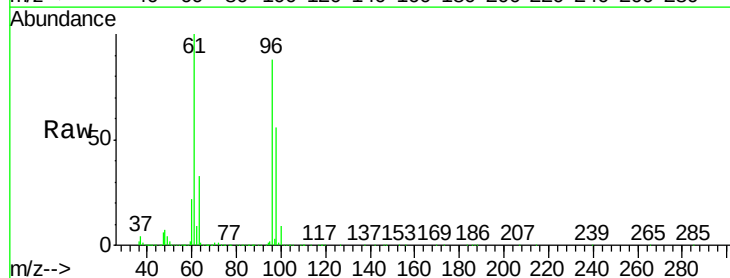
Tgt Ion: 96 Resp: 1161596

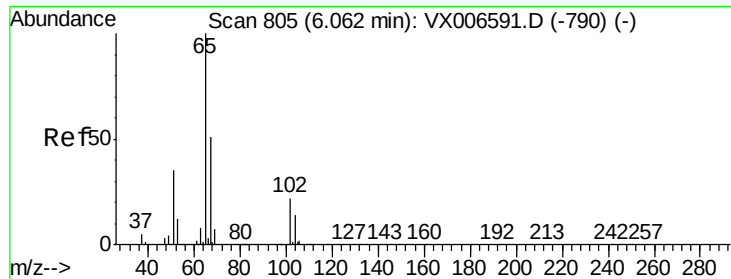
Ion Ratio Lower Upper

96 100

61 116.2 0.0 258.6

98 64.0 0.0 132.0





#33

1,2-Dichloroethane-d4

Concen: 47.767 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.01 min

Lab File: VX006897.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

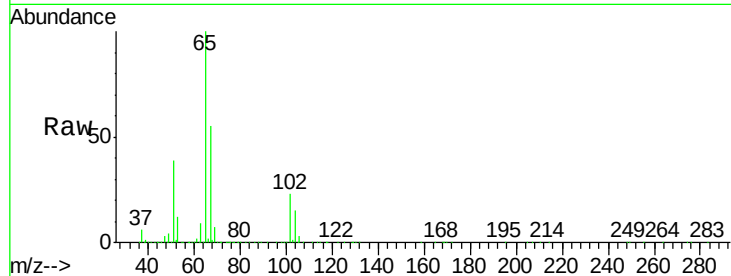
S32-0647

Tot Ion: 65 Resp: 333671

Ion Ratio Lower Upper

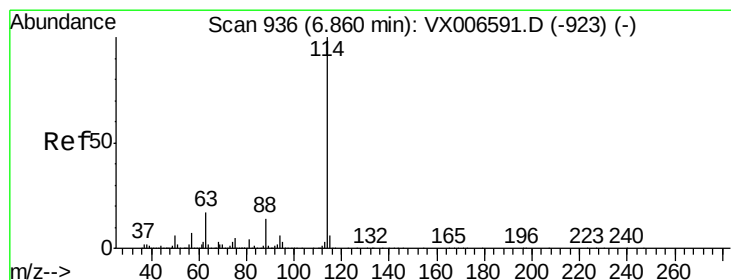
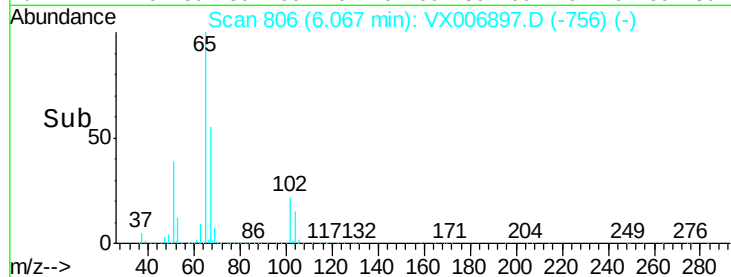
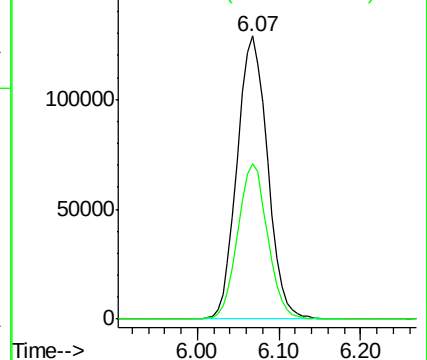
65 100

67 53.7 0.0 105.0



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: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX006897.D

Acq: 03 Jan 2019 16:18

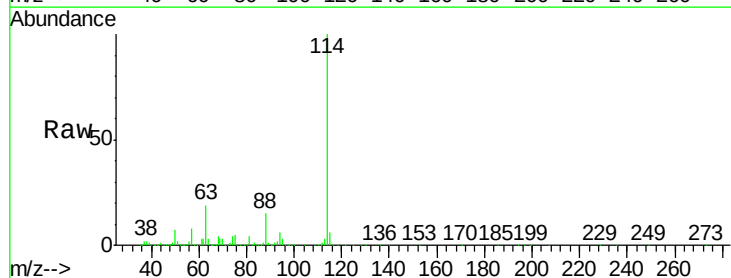
Tgt Ion: 114 Resp: 972016

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.8

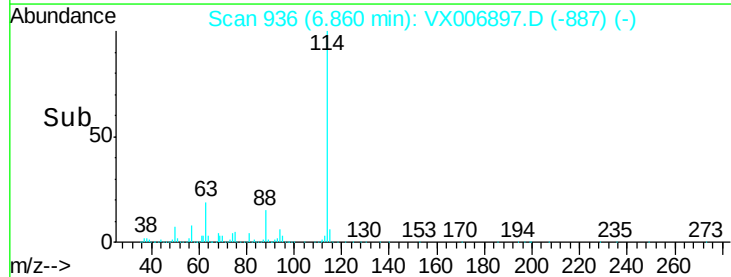
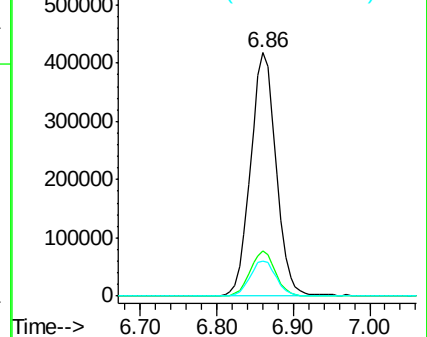
88 14.6 0.0 28.8

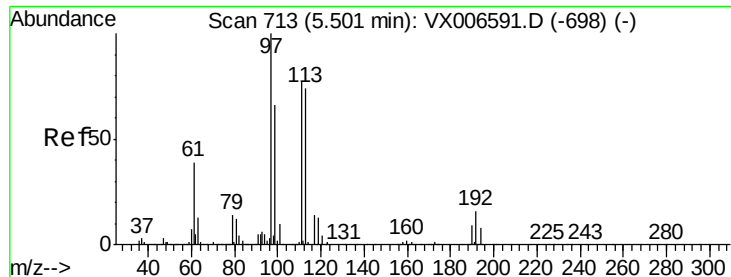


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0





#35

Dibromofluoromethane

Concen: 48.828 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006897.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

S32-0647

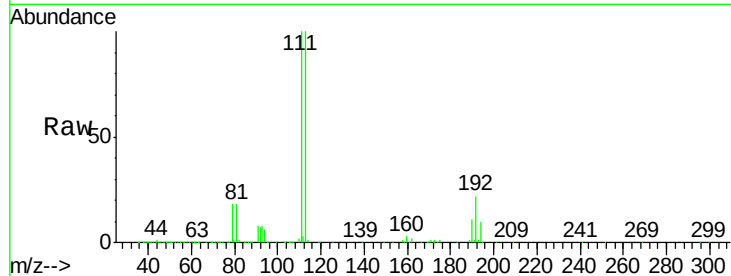
Tot Ion:113 Resp: 300137

Ion Ratio Lower Upper

113 100

111 101.4 81.6 122.4

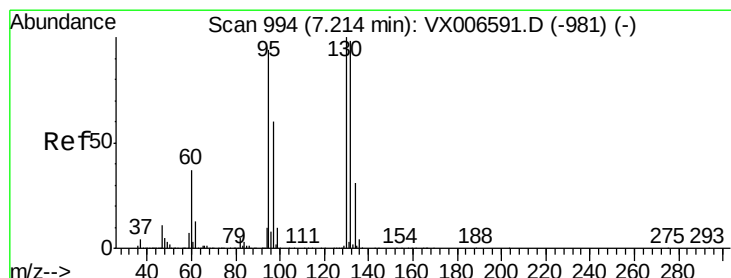
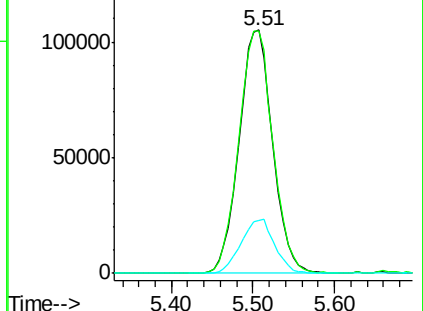
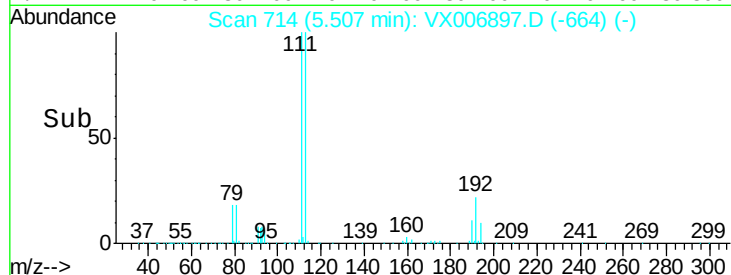
192 22.3 16.7 25.1



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: 57.688 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX006897.D

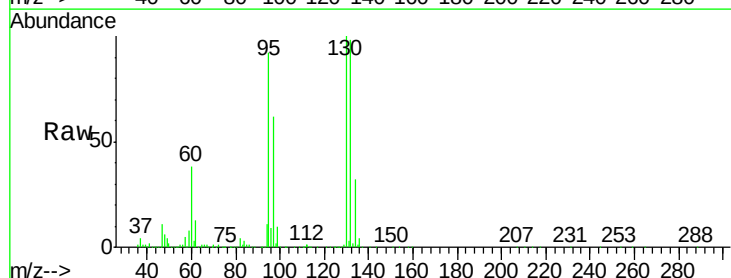
Acq: 03 Jan 2019 16:18

Tgt Ion:130 Resp: 427270

Ion Ratio Lower Upper

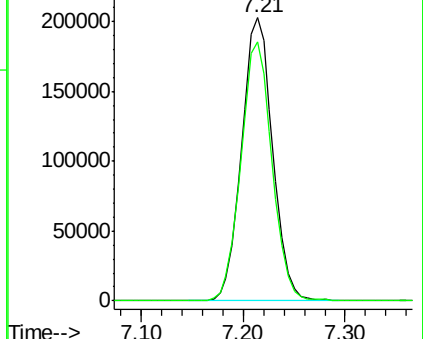
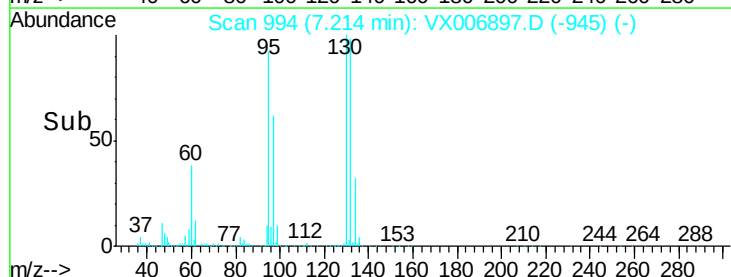
130 100

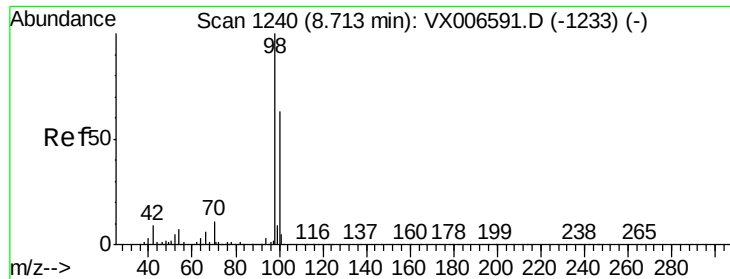
95 91.7 0.0 187.0



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 50.242 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX006897.D

Acq: 03 Jan 2019 16:18

Instrument :

MSVOA_X

ClientSampleId :

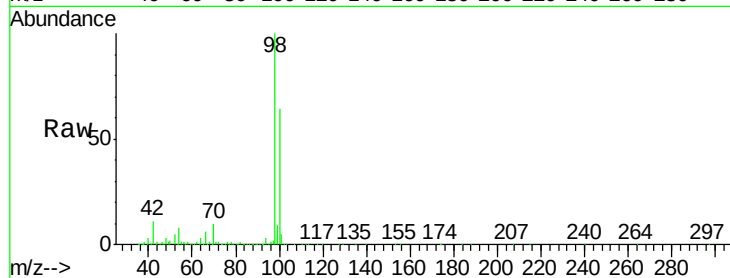
S32-0647

Tot Ion: 98 Resp: 1164289

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.71

800000

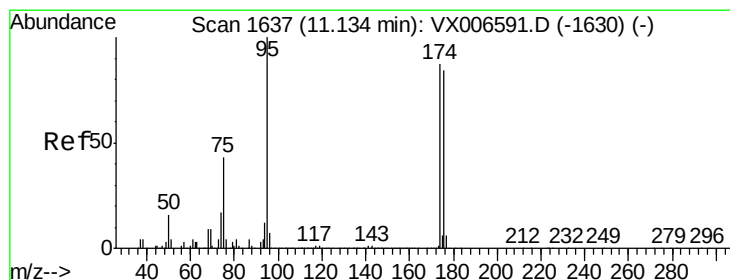
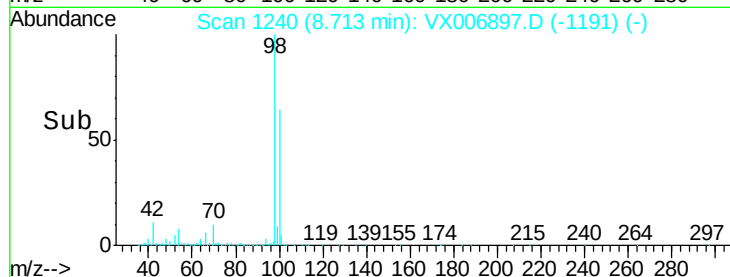
600000

400000

200000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 48.998 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX006897.D

Acq: 03 Jan 2019 16:18

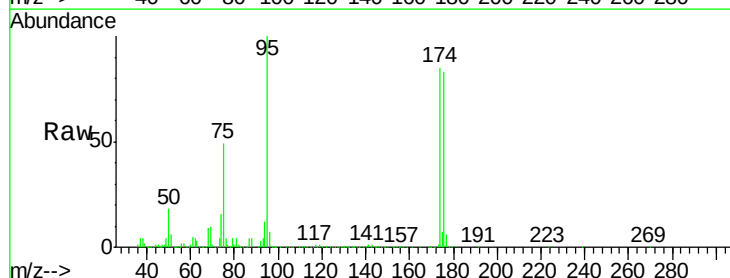
Tgt Ion: 95 Resp: 415858

Ion Ratio Lower Upper

95 100

174 91.1 0.0 182.2

176 90.0 0.0 178.8



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

400000

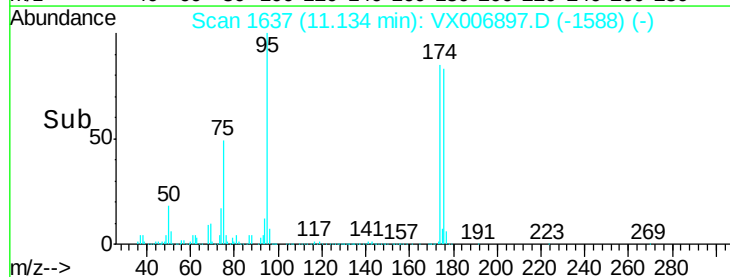
300000

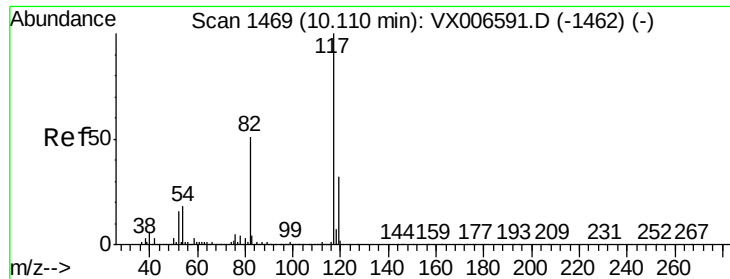
200000

100000

0

Time-->

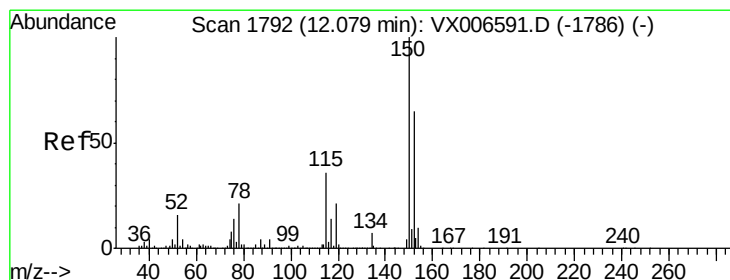
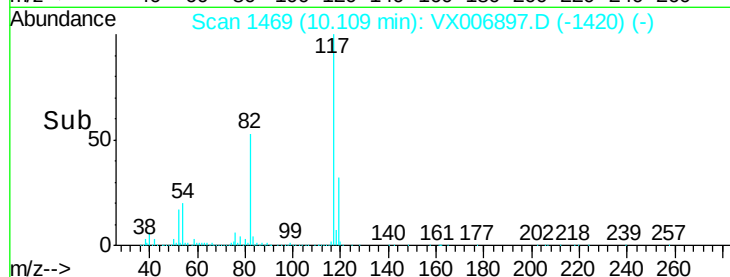
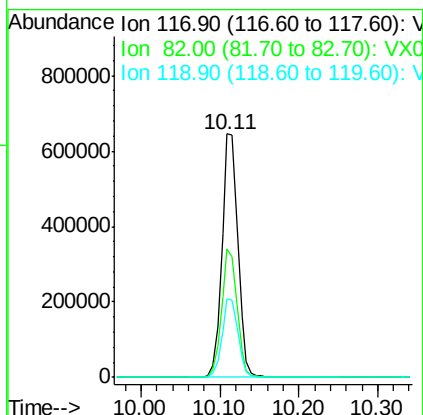
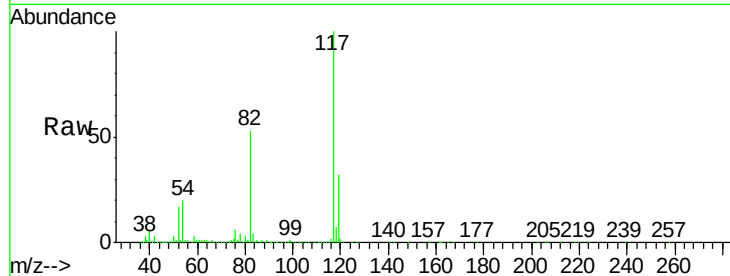




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX006897.D
Acq: 03 Jan 2019 16:18

Instrument :
MSVOA_X
ClientSampled :
S32-0647

Tot Ion:117 Resp: 907579
Ion Ratio Lower Upper
117 100
82 53.0 41.0 61.6
119 32.1 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX006897.D
Acq: 03 Jan 2019 16:18

Tgt Ion:152 Resp: 437992
Ion Ratio Lower Upper
152 100
115 55.5 39.1 117.2
150 156.9 0.0 344.8

