

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051520\
 Data File : VX016281.D
 Acq On : 15 May 2020 15:25
 Operator : JC/SP
 Sample : L2649-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0681

Quant Time: May 16 07:52:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

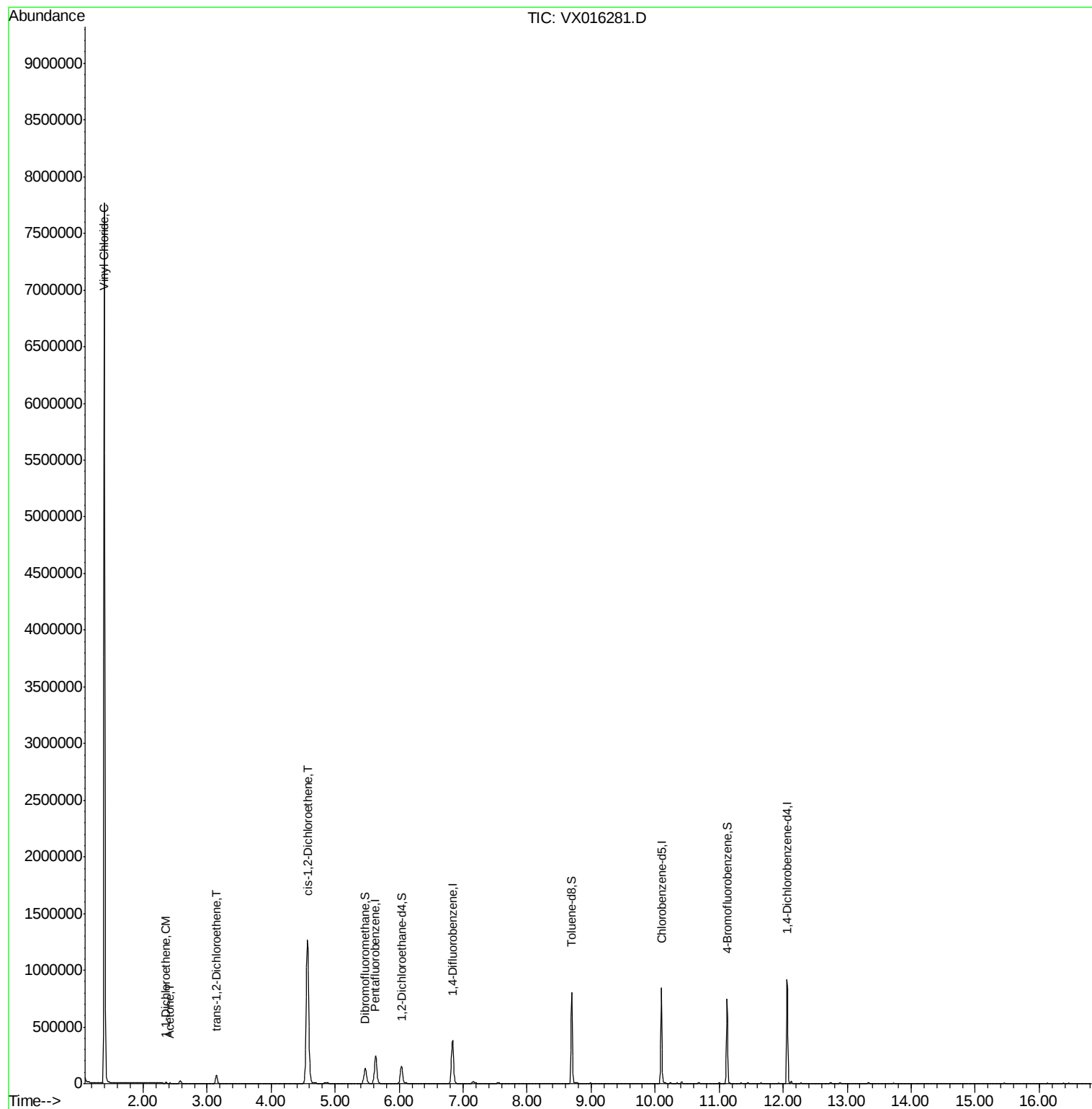
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	235147	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	392050	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	387663	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	196162	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	143789	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
35) Dibromofluoromethane	5.47	113	117470	47.29	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.58%	
50) Toluene-d8	8.70	98	481856	50.35	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.70%	
62) 4-Bromofluorobenzene	11.12	95	194650	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
Target Compounds						
4) Vinyl Chloride	1.39	62	4563860	1479.908	ug/l	95
12) 1,1-Dichloroethene	2.36	96	3878	1.586	ug/l	98
16) Acetone	2.42	43	2563	1.856	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	31821	11.682	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	830913	279.023	ug/l	88

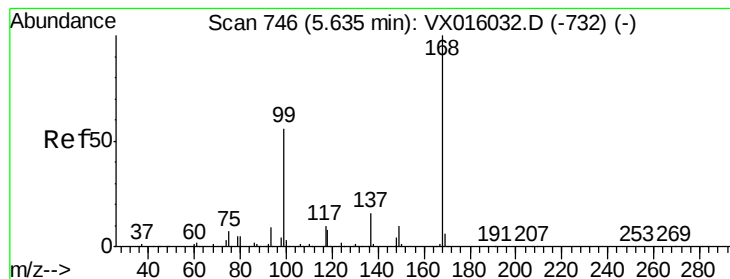
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.63 min Scan# 745

Delta R.T. -0.01 min

Lab File: VX016281.D

Acq: 15 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

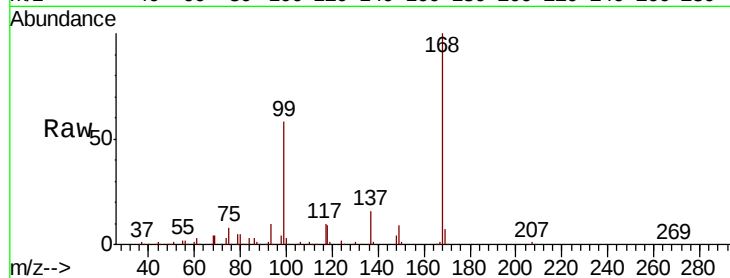
S32-0681

Tot Ion:168 Resp: 235147

Ion Ratio Lower Upper

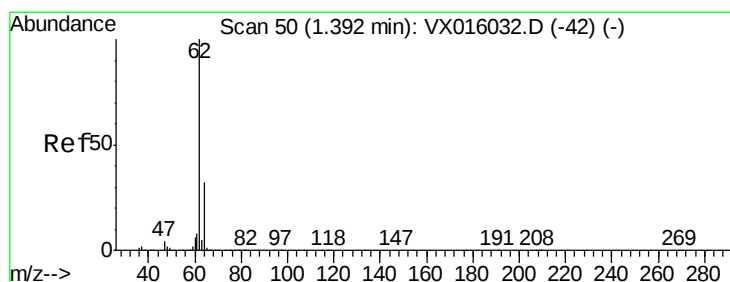
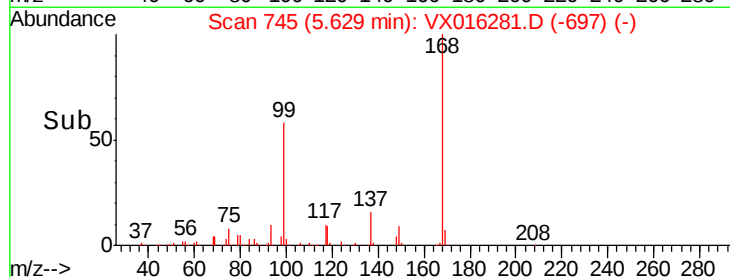
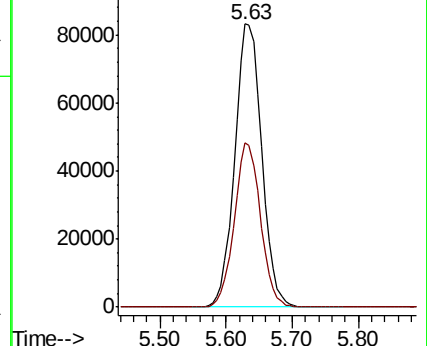
168 100

99 58.0 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 1479.908 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016281.D

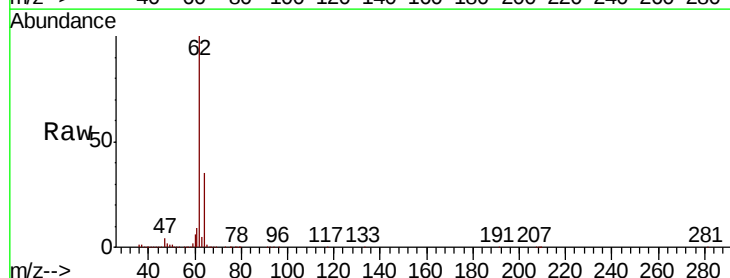
Acq: 15 May 2020 15:25

Tgt Ion: 62 Resp: 4563860

Ion Ratio Lower Upper

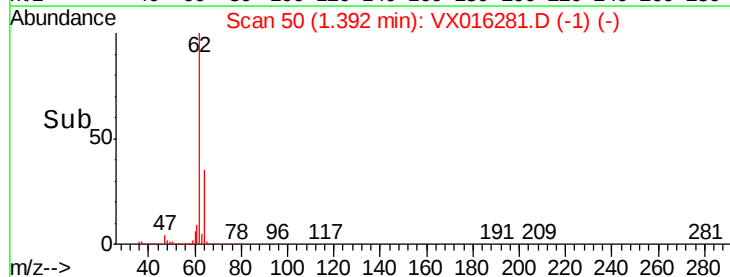
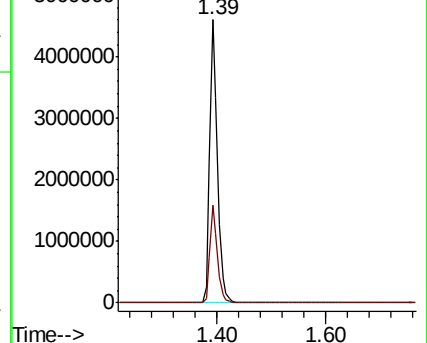
62 100

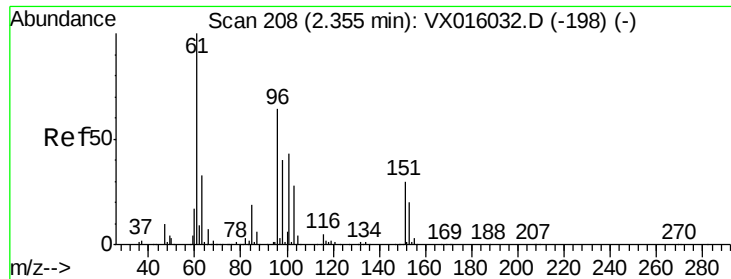
64 34.7 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#12

1,1-Dichloroethene

Concen: 1.586 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX016281.D

Acq: 15 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

S32-0681

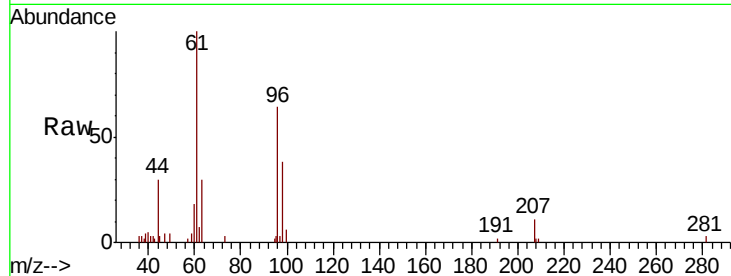
Tot Ion: 96 Resp: 3878

Ion Ratio Lower Upper

96 100

61 157.2 124.8 187.2

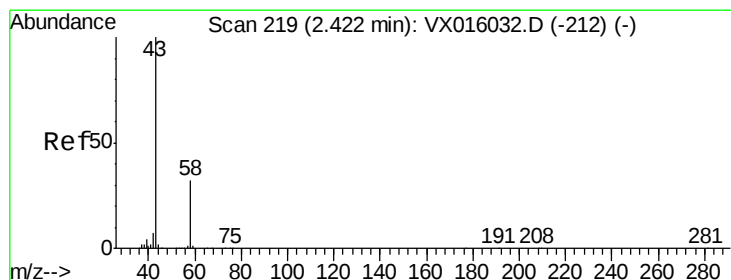
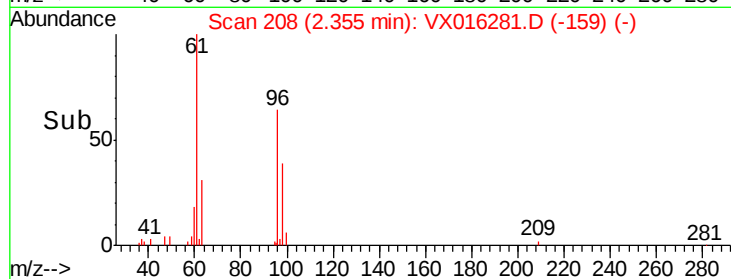
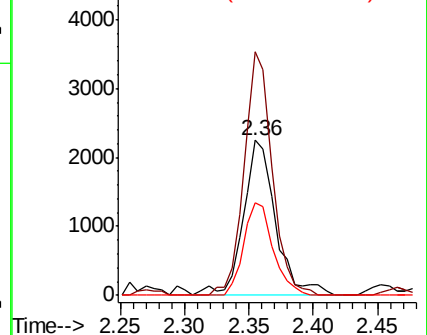
98 59.6 49.7 74.5



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



#16

Acetone

Concen: 1.856 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016281.D

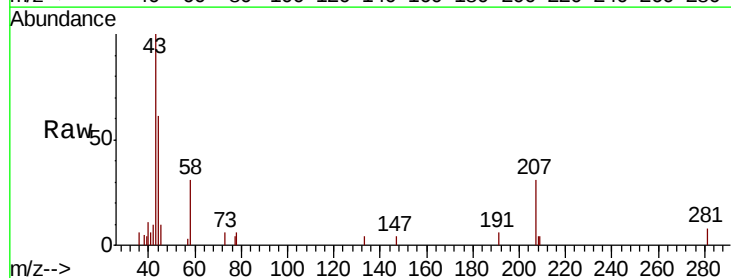
Acq: 15 May 2020 15:25

Tgt Ion: 43 Resp: 2563

Ion Ratio Lower Upper

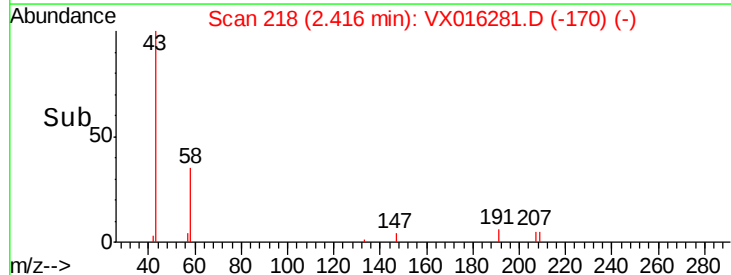
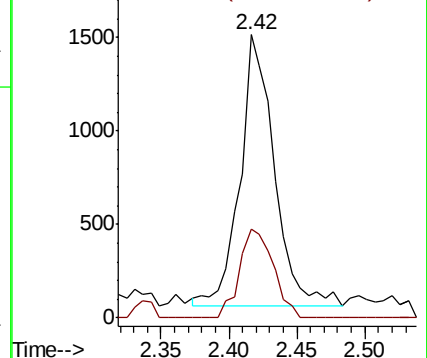
43 100

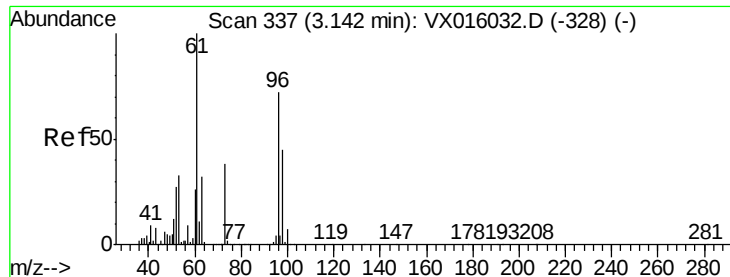
58 32.9 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#21

trans-1,2-Dichloroethene

Concen: 11.682 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016281.D

Acq: 15 May 2020 15:25

Instrument :

MSVOA_X

ClientSampled :

S32-0681

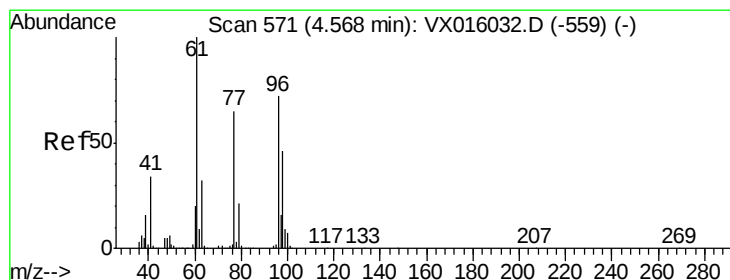
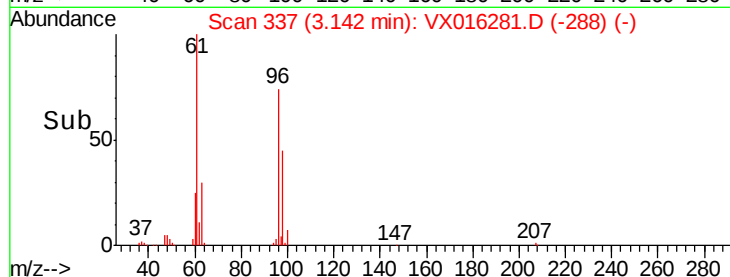
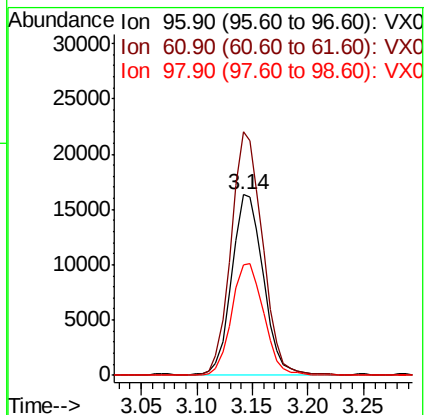
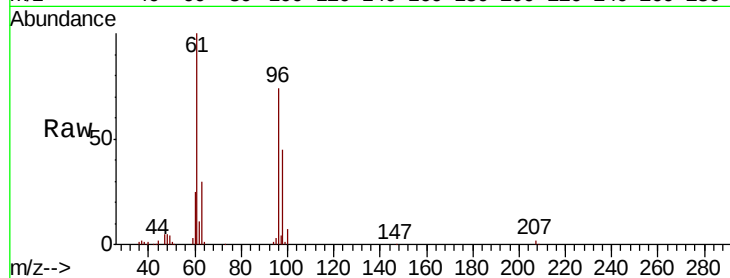
Tot Ion: 96 Resp: 31821

Ion Ratio Lower Upper

96 100

61 135.2 111.2 166.8

98 61.5 50.2 75.4



#27

cis-1,2-Dichloroethene

Concen: 279.023 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX016281.D

Acq: 15 May 2020 15:25

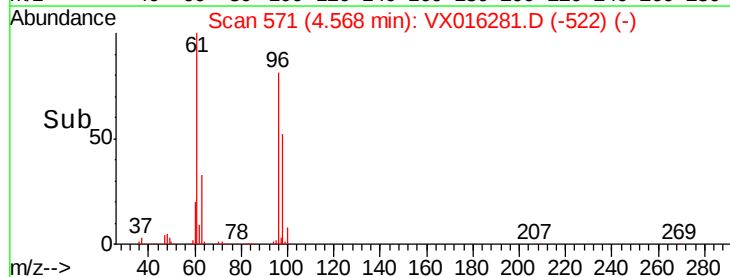
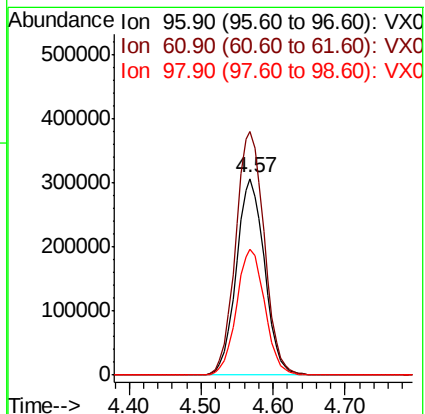
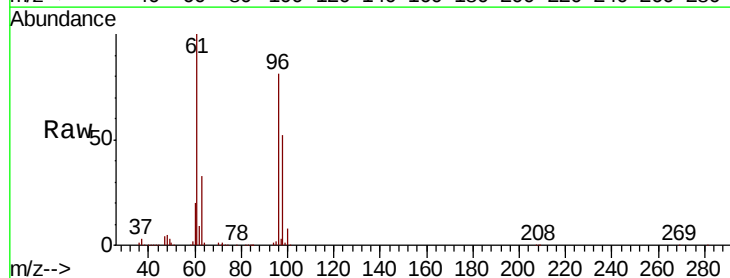
Tgt Ion: 96 Resp: 830913

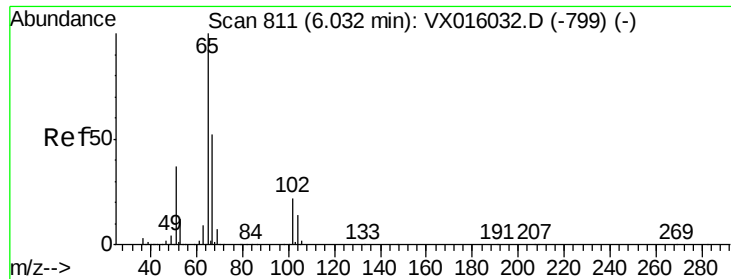
Ion Ratio Lower Upper

96 100

61 126.7 0.0 296.2

98 64.6 0.0 129.4





#33

1,2-Dichloroethane-d4

Concen: 46.469 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016281.D

Acq: 15 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

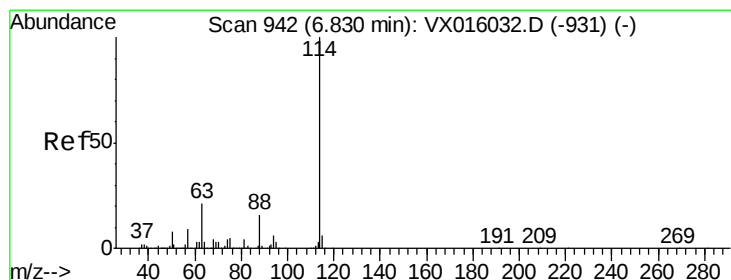
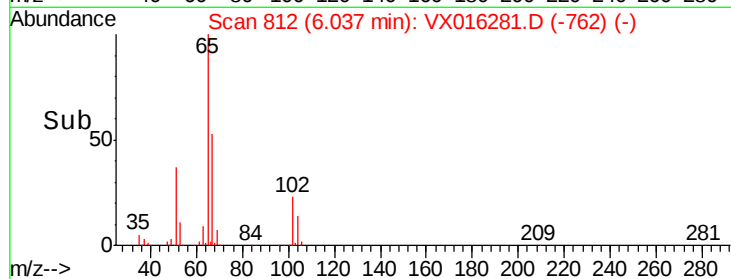
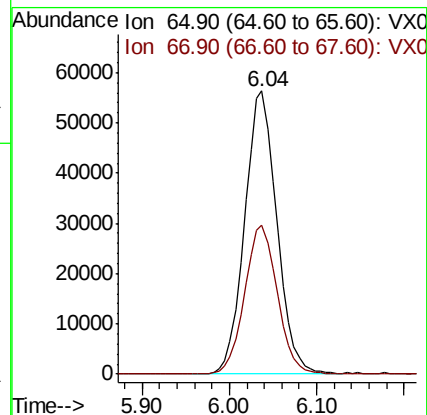
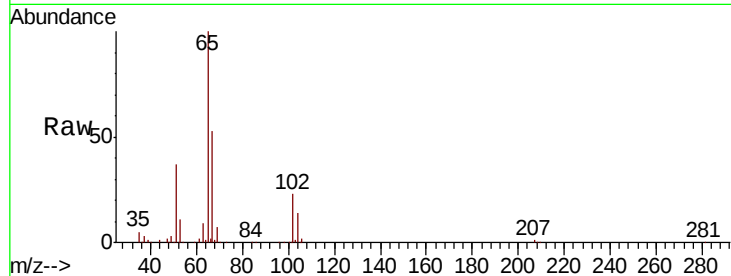
S32-0681

Tot Ion: 65 Resp: 143789

Ion Ratio Lower Upper

65 100

67 53.6 0.0 104.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016281.D

Acq: 15 May 2020 15:25

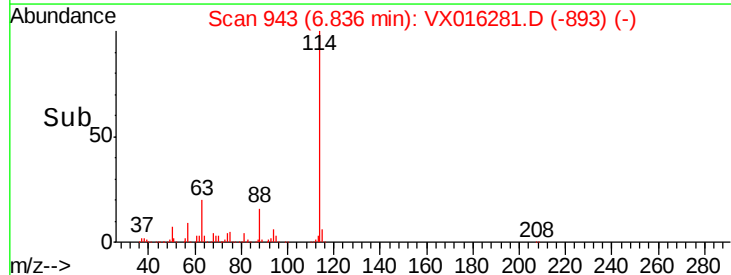
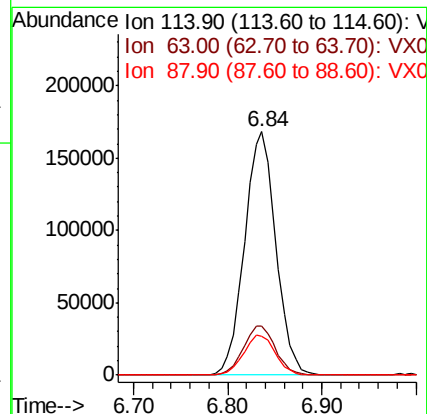
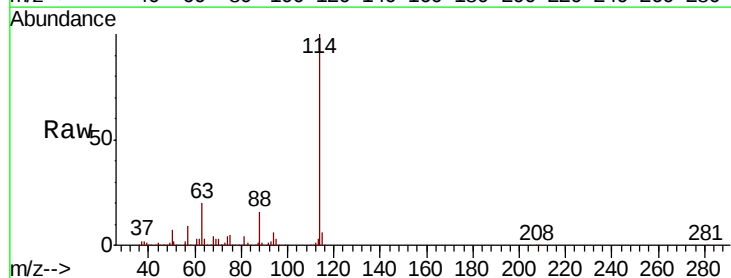
Tgt Ion: 114 Resp: 392050

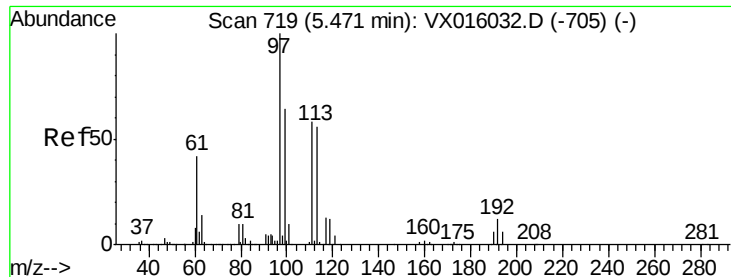
Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.8

88 16.0 0.0 31.4

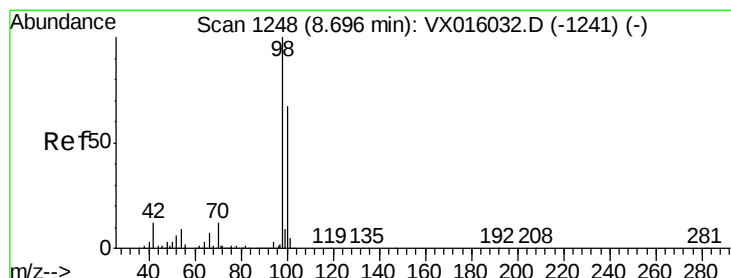
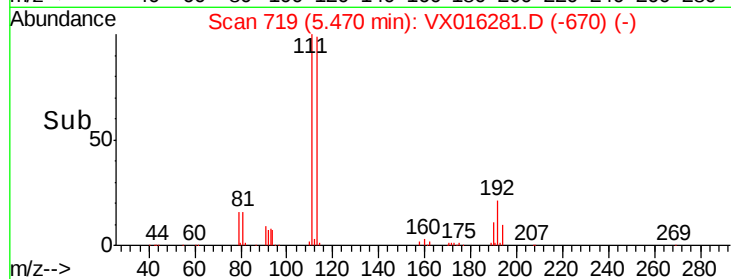
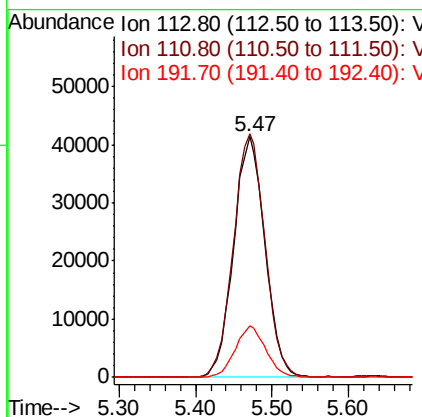
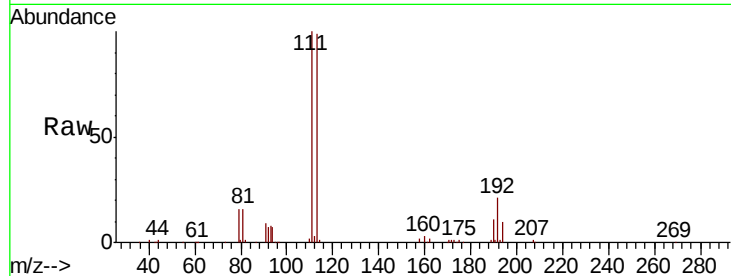




#35
 Dibromofluoromethane
 Concen: 47.294 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016281.D
 Acq: 15 May 2020 15:25

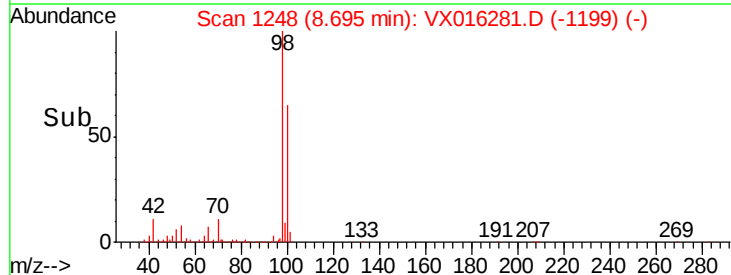
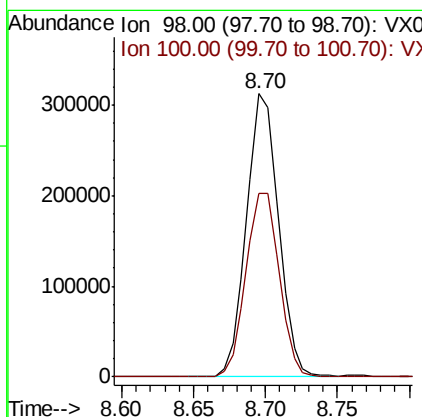
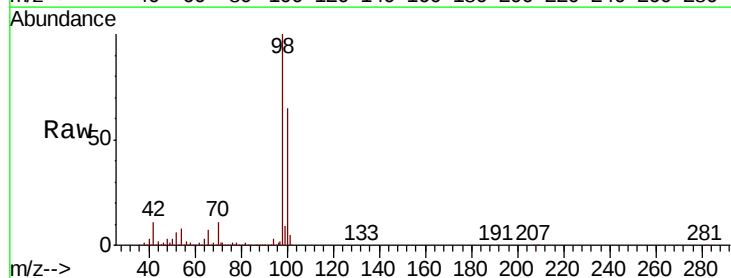
Instrument :
 MSVOA_X
 ClientSampled :
 S32-0681

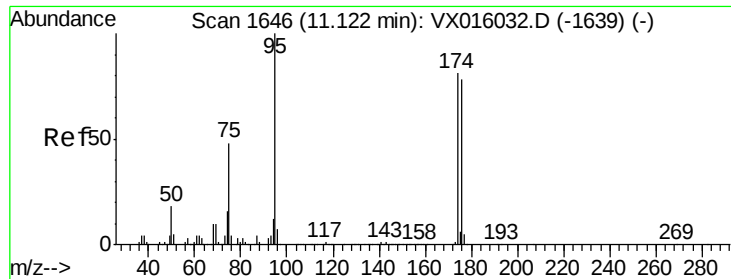
Tot Ion	Ratio	Lower	Upper
113	100		
111	102.2	81.6	122.4
192	20.8	17.0	25.4



#50
 Toluene-d8
 Concen: 50.349 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016281.D
 Acq: 15 May 2020 15:25

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.6	53.7	80.5





#62

4-Bromofluorobenzene

Concen: 53.474 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016281.D

Acq: 15 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

S32-0681

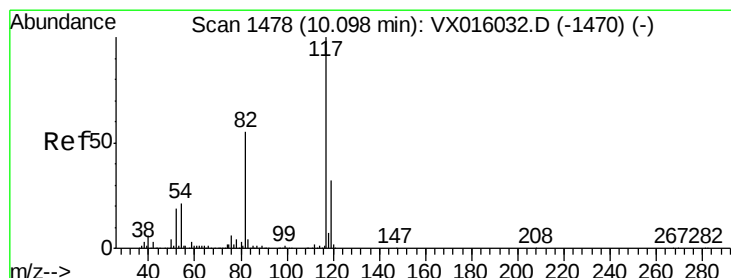
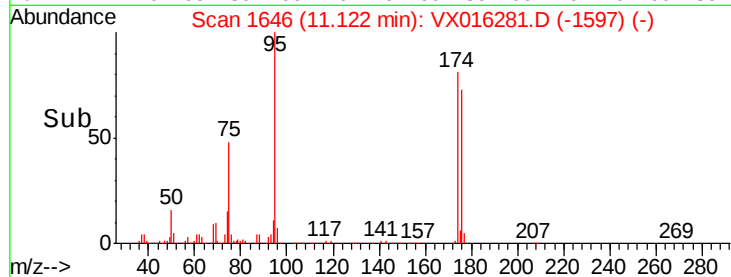
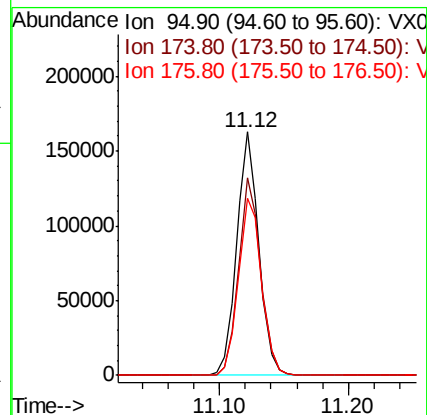
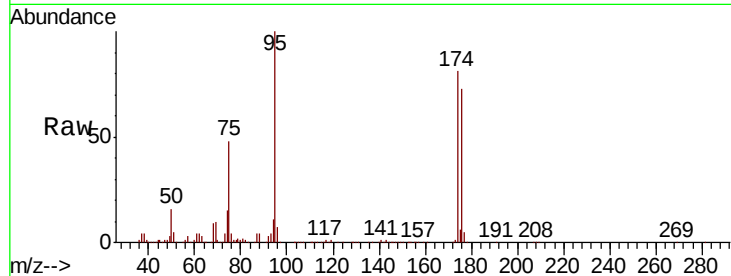
Tot Ion: 95 Resp: 194650

Ion Ratio Lower Upper

95 100

174 81.3 0.0 159.4

176 76.8 0.0 157.6



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016281.D

Acq: 15 May 2020 15:25

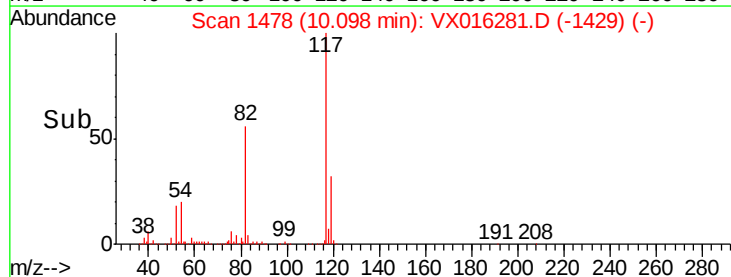
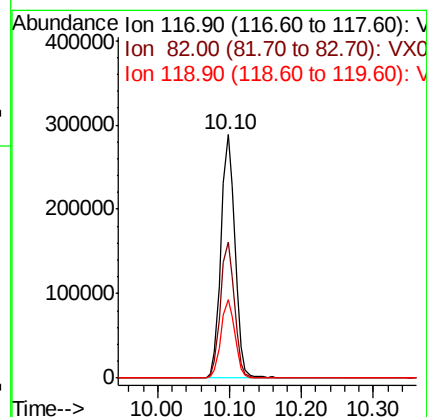
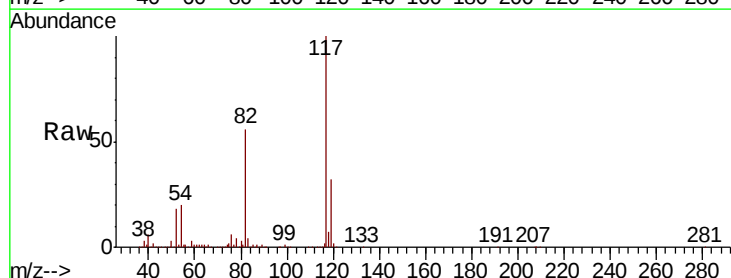
Tgt Ion: 117 Resp: 387663

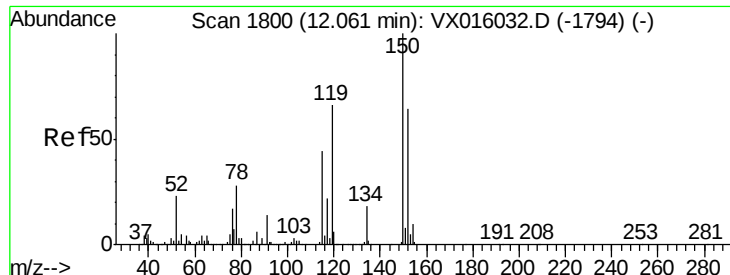
Ion Ratio Lower Upper

117 100

82 56.1 44.4 66.6

119 32.0 25.5 38.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016281.D

Acq: 15 May 2020 15:25

Instrument :

MSVOA_X

ClientSampleId :

S32-0681

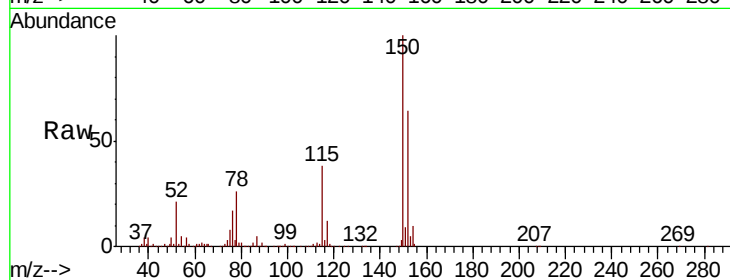
Tot Ion:152 Resp: 196162

Ion Ratio Lower Upper

152 100

115 58.7 41.3 124.1

150 157.5 0.0 352.2



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

