

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051520\
 Data File : VX016282.D
 Acq On : 15 May 2020 15:48
 Operator : JC/SP
 Sample : L2649-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0682

Quant Time: May 16 07:54:47 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

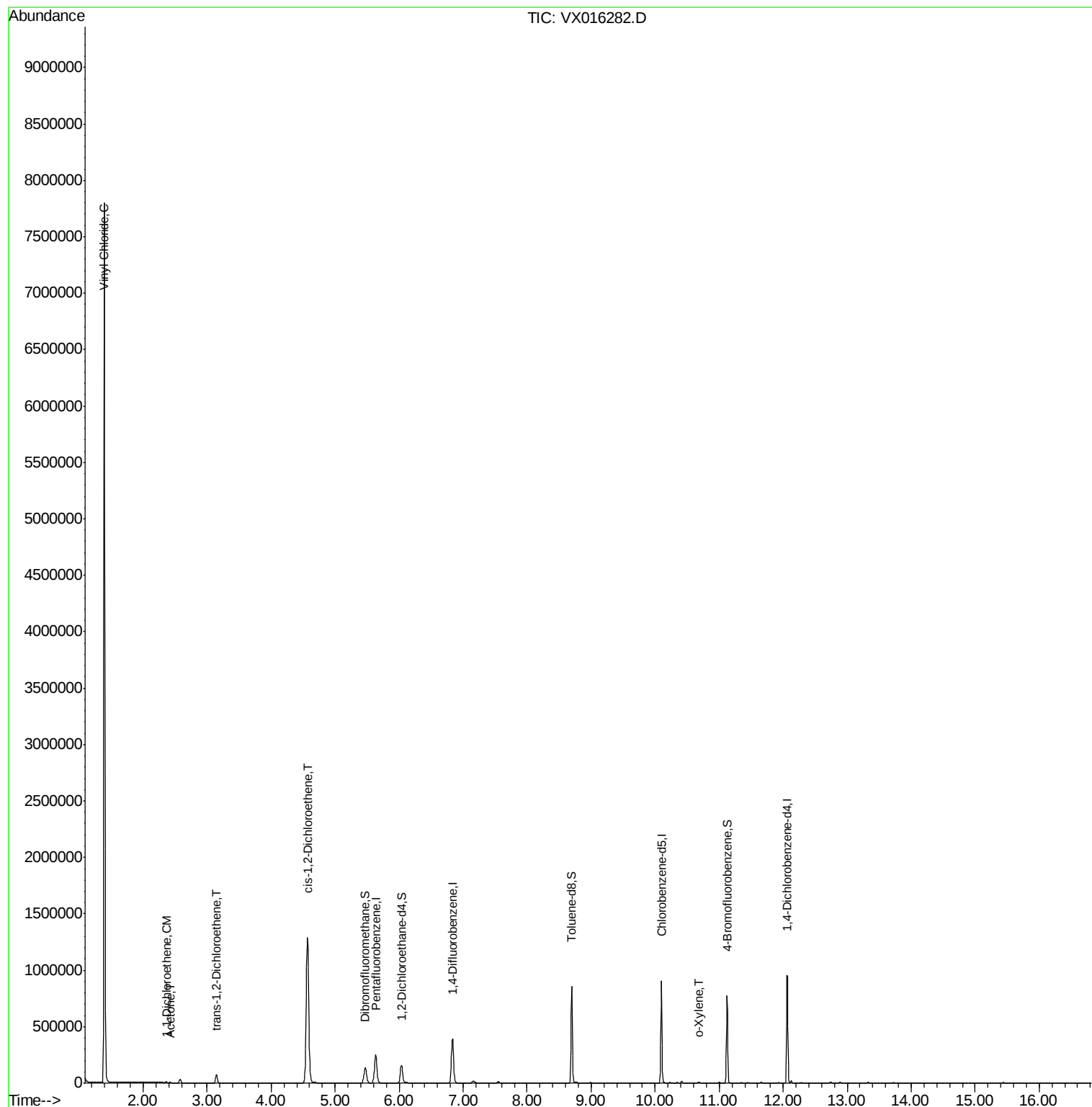
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	240735	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	403144	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	398034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	207195	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	149540	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	
35) Dibromofluoromethane	5.47	113	120796	47.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.60%	
50) Toluene-d8	8.70	98	501122	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	
62) 4-Bromofluorobenzene	11.12	95	203623	54.40	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.80%	
Target Compounds						
4) Vinyl Chloride	1.39	62	4573933	1448.746	ug/l	96
12) 1,1-Dichloroethene	2.36	96	3749	1.498	ug/l	98
16) Acetone	2.42	43	4886	3.457	ug/l	100
21) trans-1,2-Dichloroethene	3.14	96	32614	11.695	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	847740	278.066	ug/l	88
69) o-Xylene	10.68	106	1956	0.365	ug/l	98

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

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016282.D

Acq: 15 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

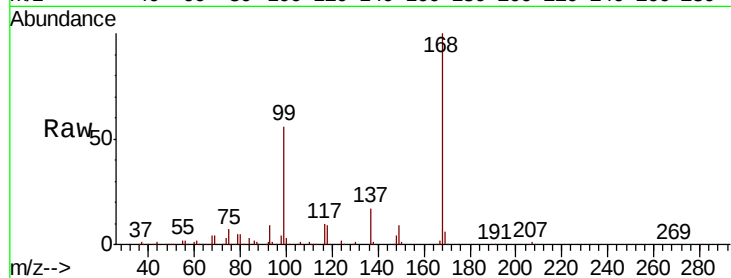
S32-0682

Tot Ion:168 Resp: 240735

Ion Ratio Lower Upper

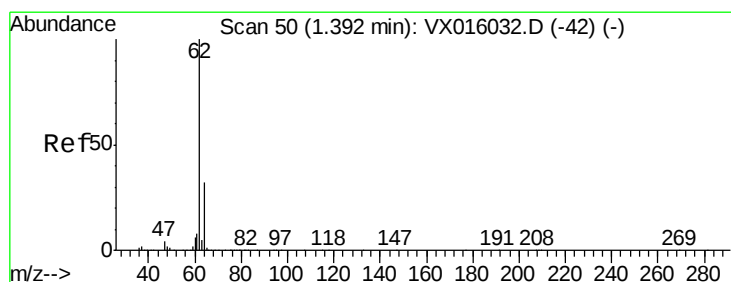
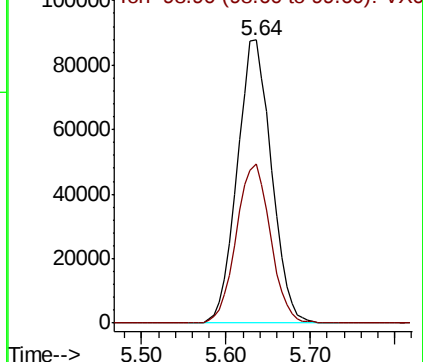
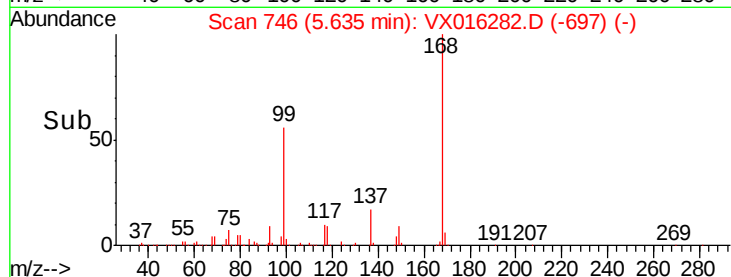
168 100

99 56.4 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: 1448.746 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016282.D

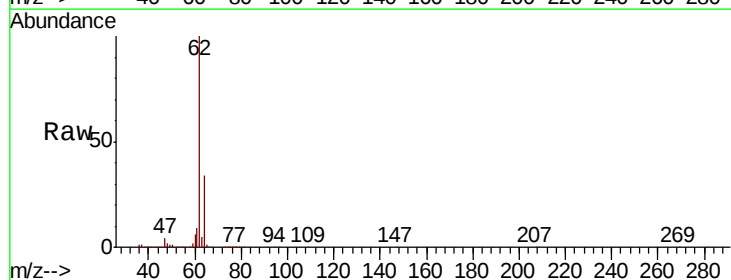
Acq: 15 May 2020 15:48

Tgt Ion: 62 Resp: 4573933

Ion Ratio Lower Upper

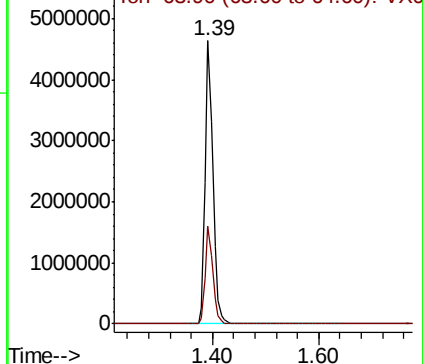
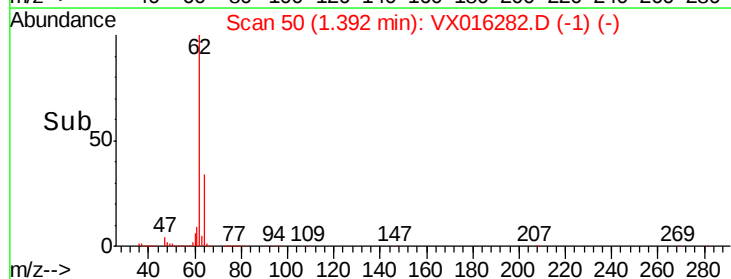
62 100

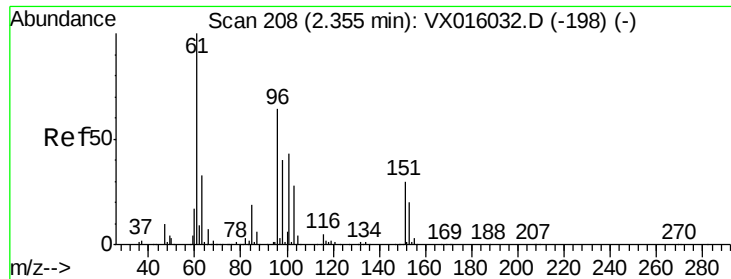
64 34.5 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#12

1,1-Dichloroethene

Concen: 1.498 ug/l

RT: 2.36 min Scan# 208

Delta R.T. -0.00 min

Lab File: VX016282.D

Acq: 15 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

S32-0682

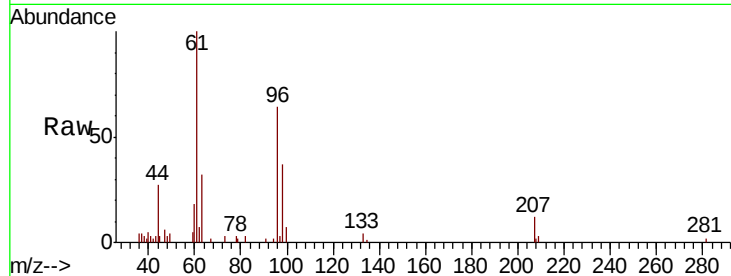
Tot Ion: 96 Resp: 3749

Ion Ratio Lower Upper

96 100

61 157.2 124.8 187.2

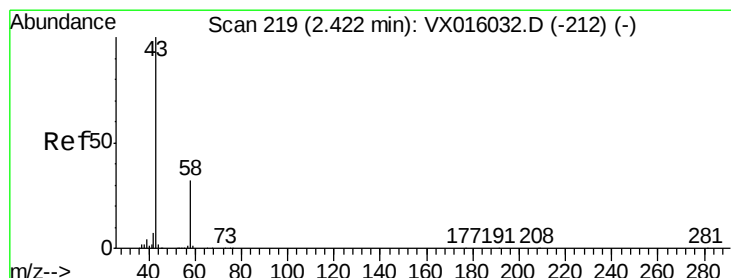
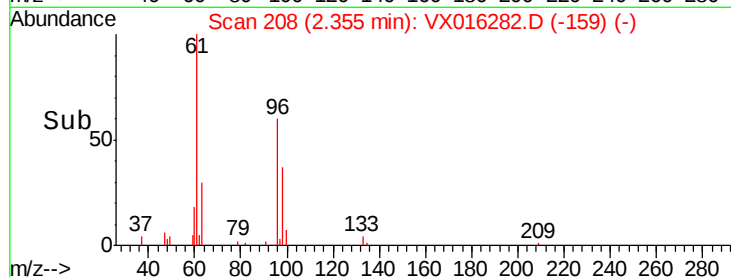
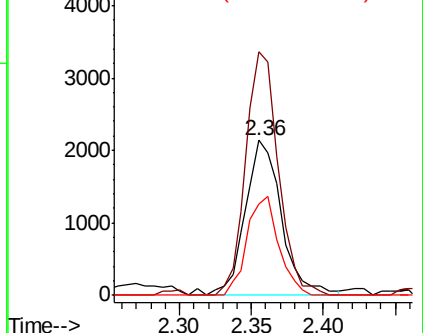
98 58.9 49.7 74.5



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: 3.457 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016282.D

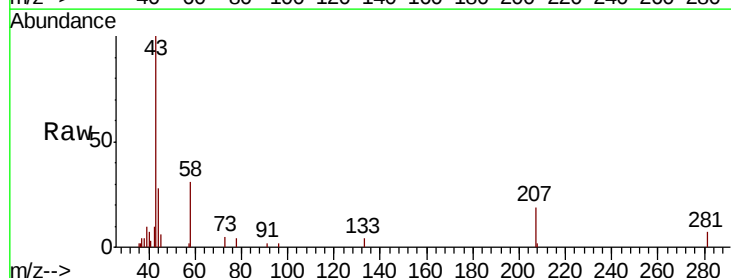
Acq: 15 May 2020 15:48

Tgt Ion: 43 Resp: 4886

Ion Ratio Lower Upper

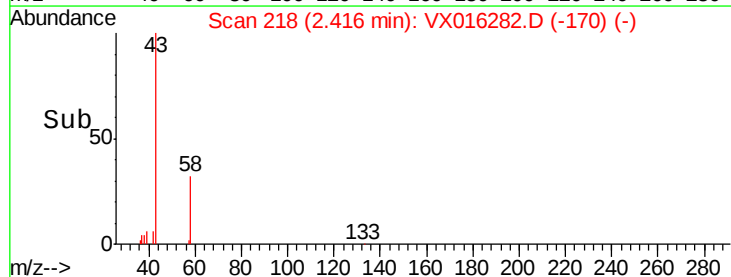
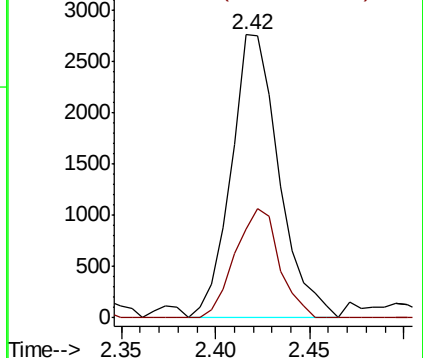
43 100

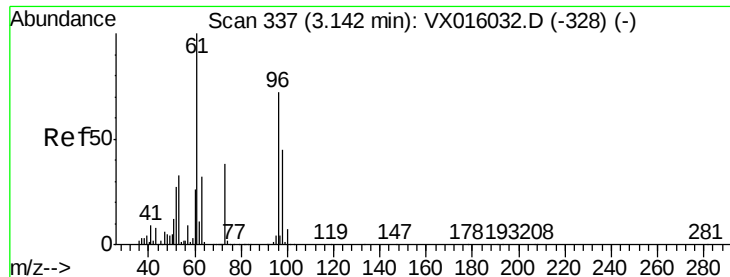
58 31.4 25.4 38.0



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: 11.695 ug/l

RT: 3.14 min Scan# 337

Delta R.T. -0.00 min

Lab File: VX016282.D

Acq: 15 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

S32-0682

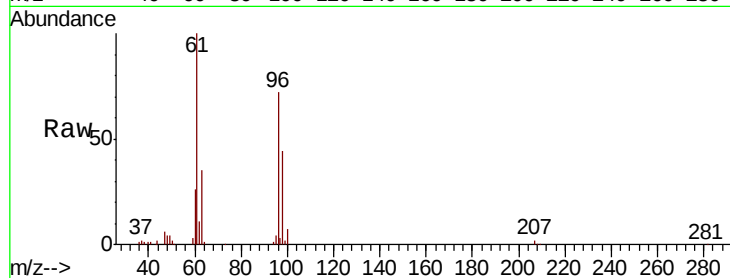
Tot Ion: 96 Resp: 32614

Ion Ratio Lower Upper

96 100

61 138.2 111.2 166.8

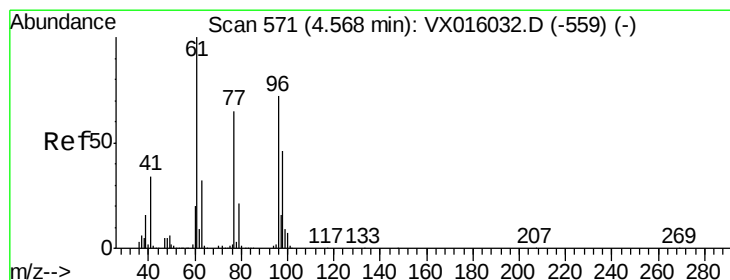
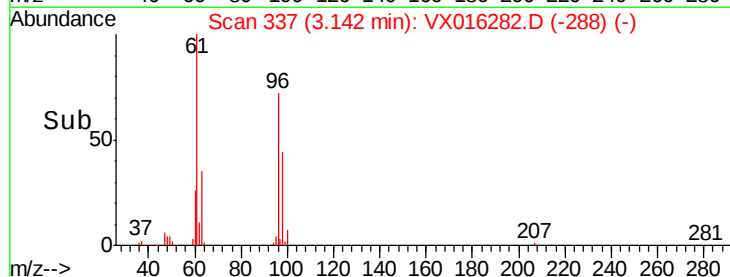
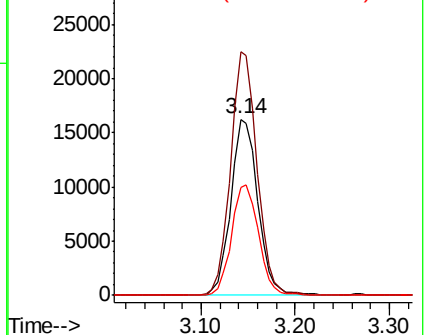
98 61.2 50.2 75.4



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



#27

cis-1,2-Dichloroethene

Concen: 278.066 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX016282.D

Acq: 15 May 2020 15:48

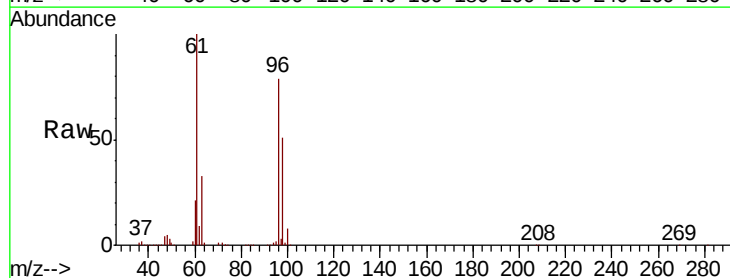
Tgt Ion: 96 Resp: 847740

Ion Ratio Lower Upper

96 100

61 126.2 0.0 296.2

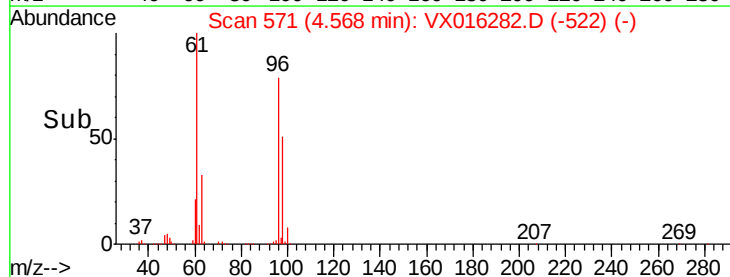
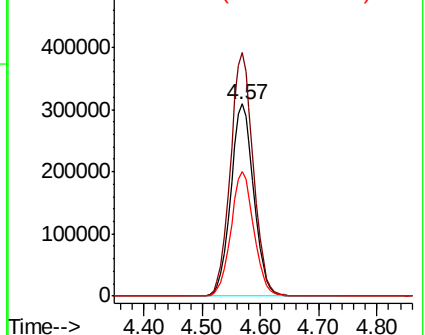
98 64.4 0.0 129.4

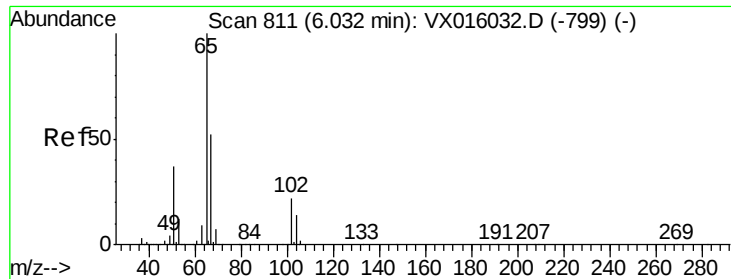


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#33

1,2-Dichloroethane-d4

Concen: 47.206 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016282.D

Acq: 15 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

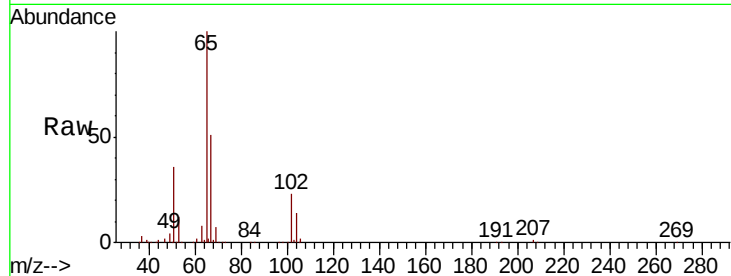
S32-0682

Tot Ion: 65 Resp: 149540

Ion Ratio Lower Upper

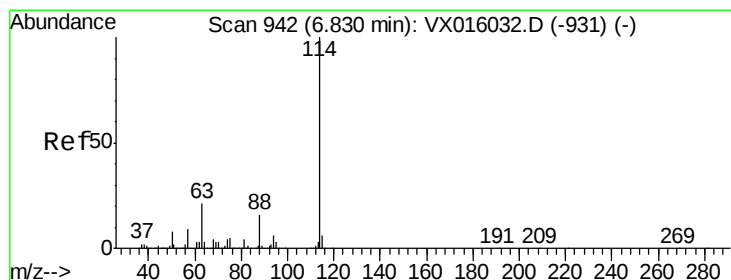
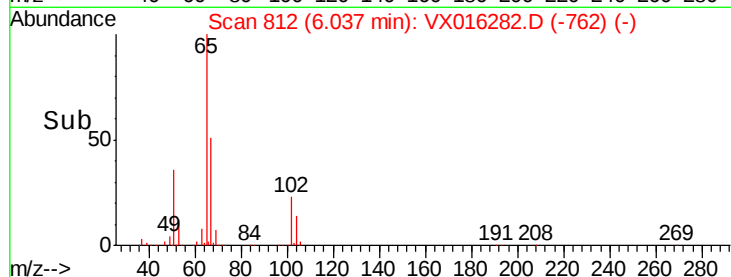
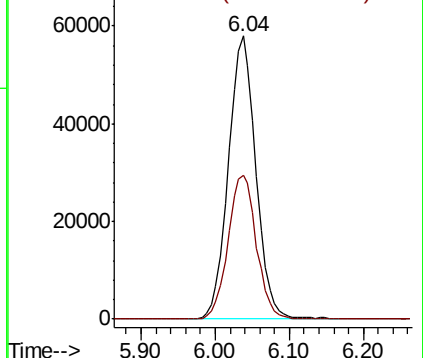
65 100

67 52.5 0.0 104.8



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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016282.D

Acq: 15 May 2020 15:48

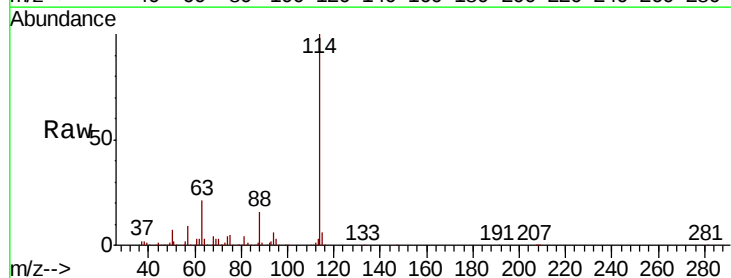
Tgt Ion: 114 Resp: 403144

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.8

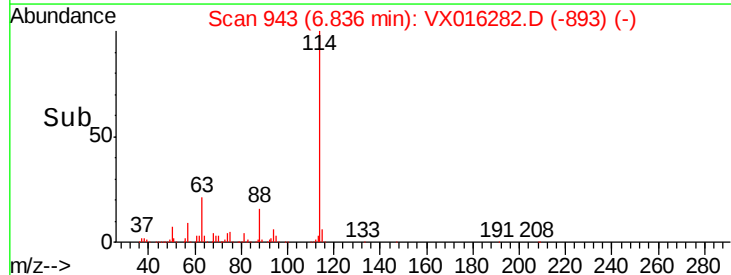
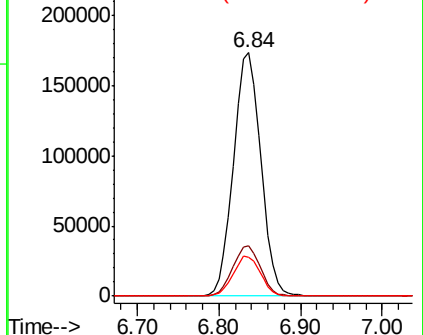
88 16.1 0.0 31.4

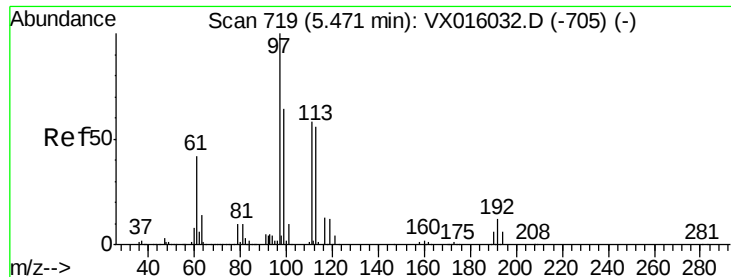


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

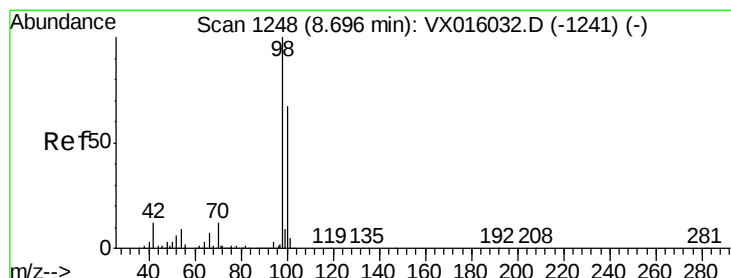
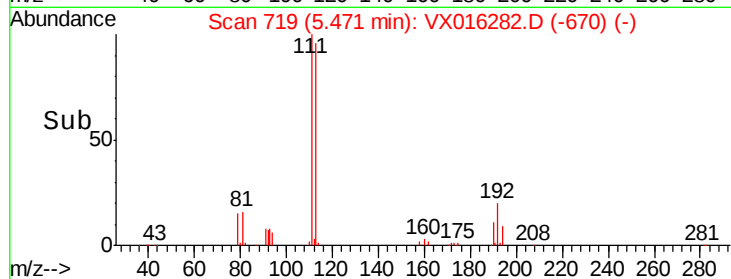
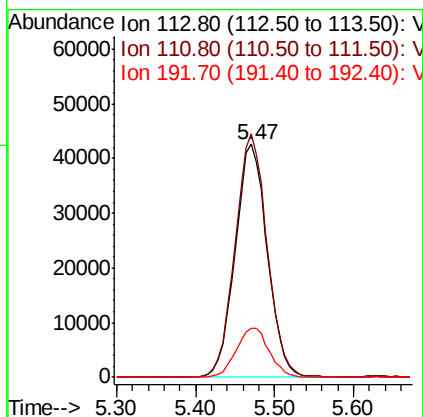
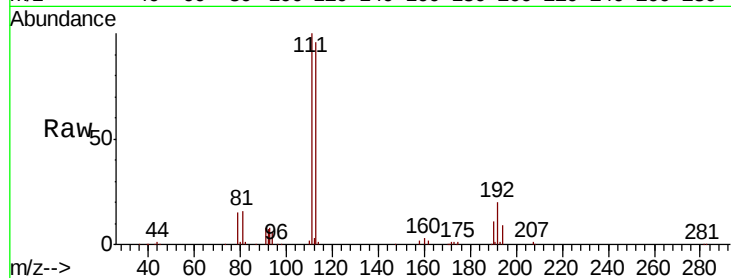




#35
 Dibromofluoromethane
 Concen: 47.295 ug/l
 RT: 5.47 min Scan# 719
 Delta R.T. -0.00 min
 Lab File: VX016282.D
 Acq: 15 May 2020 15:48

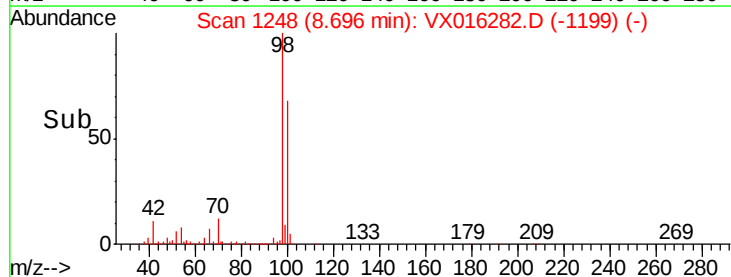
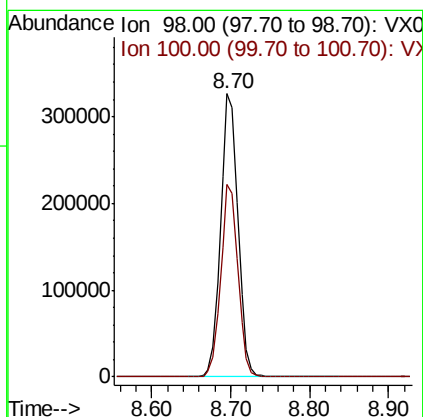
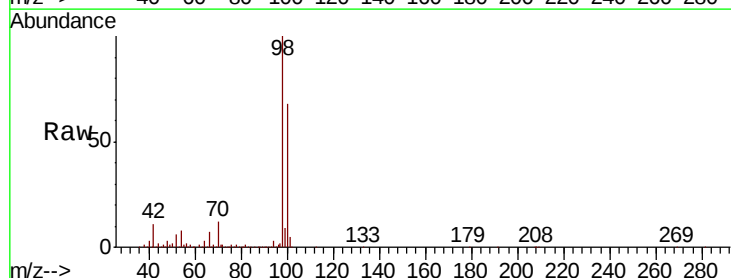
Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0682

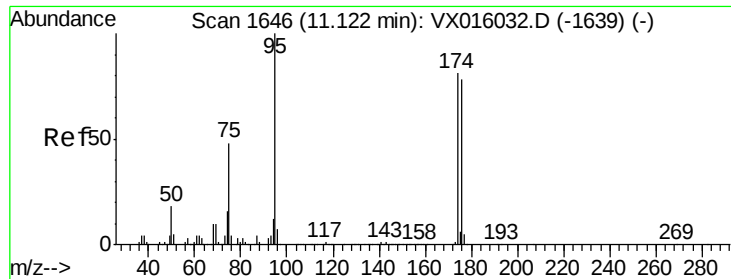
Tot Ion	Ratio	Lower	Upper
113	100		
111	103.8	81.6	122.4
192	21.6	17.0	25.4



#50
 Toluene-d8
 Concen: 50.921 ug/l
 RT: 8.70 min Scan# 1248
 Delta R.T. -0.00 min
 Lab File: VX016282.D
 Acq: 15 May 2020 15:48

Tgt Ion	Ratio	Lower	Upper
98	100		
100	67.0	53.7	80.5





#62

4-Bromofluorobenzene

Concen: 54.400 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016282.D

Acq: 15 May 2020 15:48

Instrument :

MSVOA_X

ClientSampleId :

S32-0682

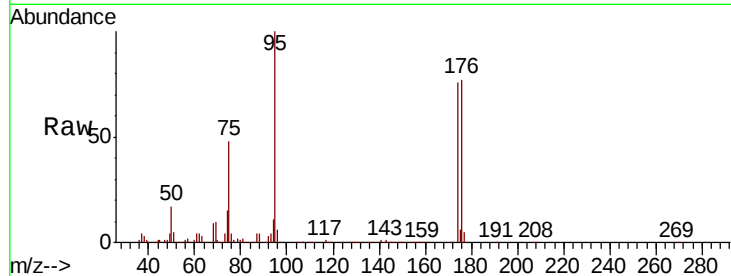
Tot Ion: 95 Resp: 203623

Ion Ratio Lower Upper

95 100

174 80.0 0.0 159.4

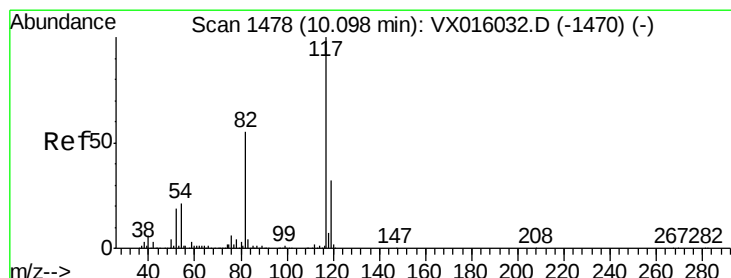
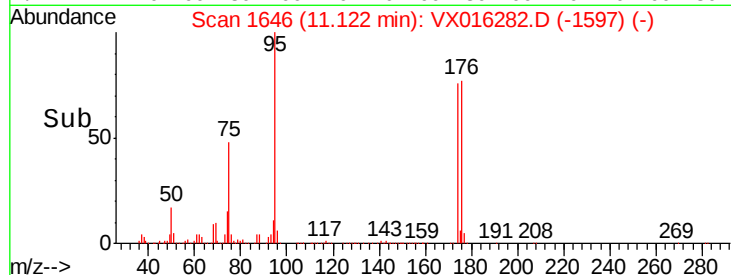
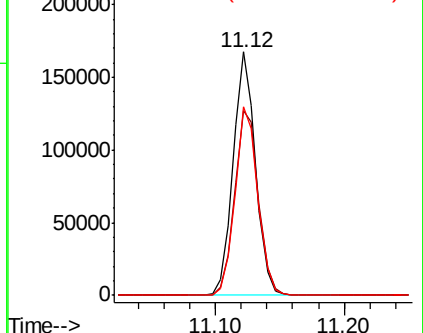
176 78.2 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016282.D

Acq: 15 May 2020 15:48

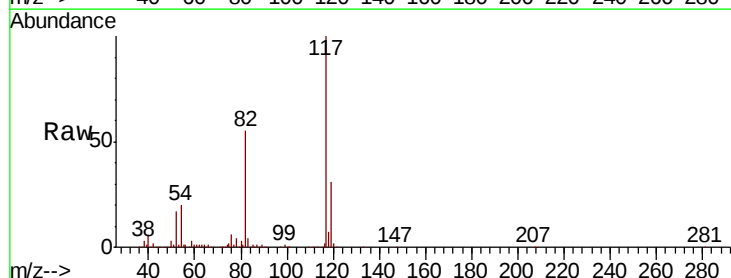
Tgt Ion: 117 Resp: 398034

Ion Ratio Lower Upper

117 100

82 55.1 44.4 66.6

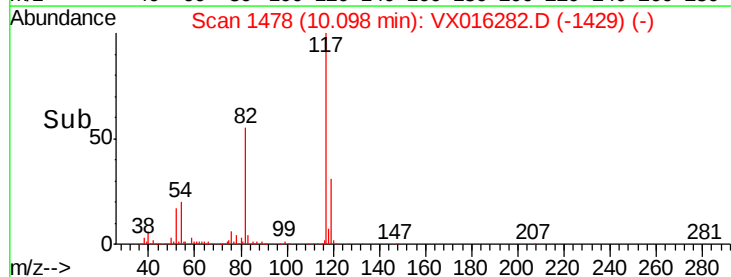
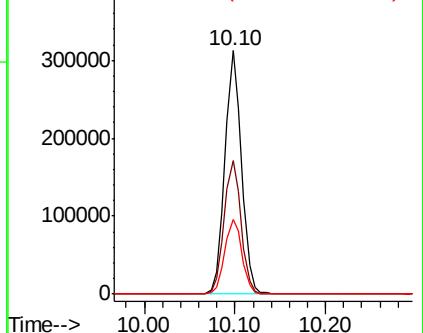
119 30.9 25.5 38.3

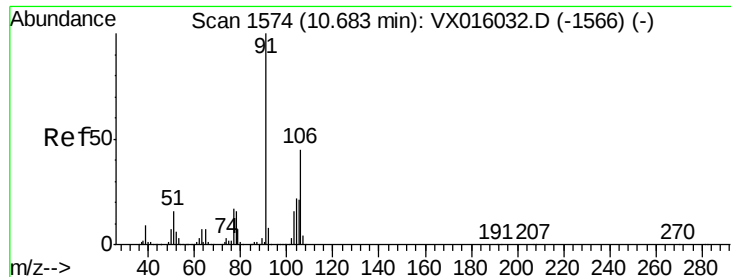


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0

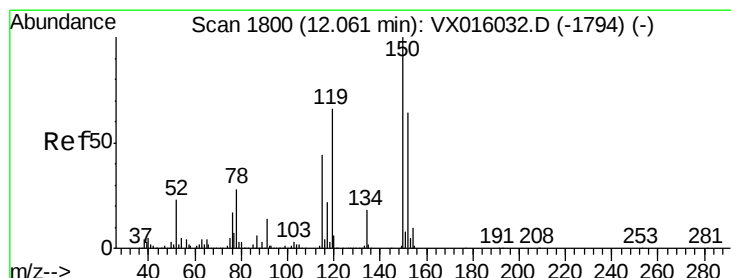
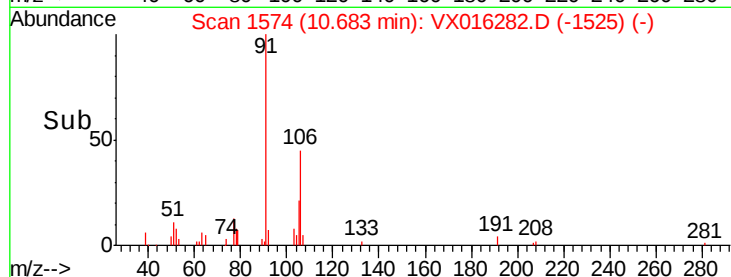
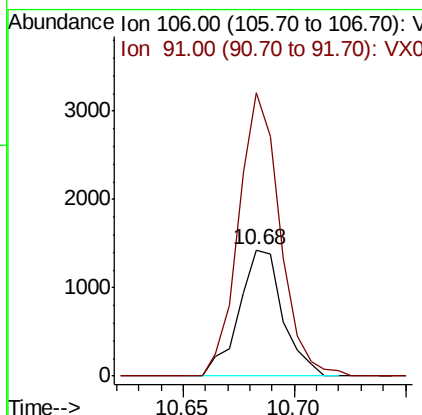
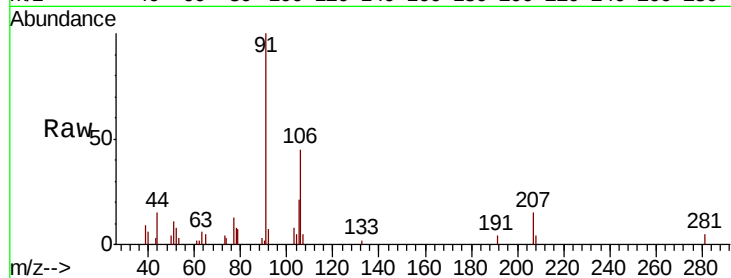




#69
o-Xylene
Concen: 0.365 ug/l
RT: 10.68 min Scan# 1574
Delta R.T. -0.00 min
Lab File: VX016282.D
Acq: 15 May 2020 15:48

Instrument :
MSVOA_X
ClientSampleId :
S32-0682

Tot Ion:106 Resp: 1956
Ion Ratio Lower Upper
106 100
91 212.5 107.5 322.6



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1801
Delta R.T. 0.01 min
Lab File: VX016282.D
Acq: 15 May 2020 15:48

Tgt Ion:152 Resp: 207195
Ion Ratio Lower Upper
152 100
115 58.2 41.3 124.1
150 153.5 0.0 352.2

