

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051520\
 Data File : VX016284.D
 Acq On : 15 May 2020 16:34
 Operator : JC/SP
 Sample : L2649-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0684

Quant Time: May 16 07:58:00 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

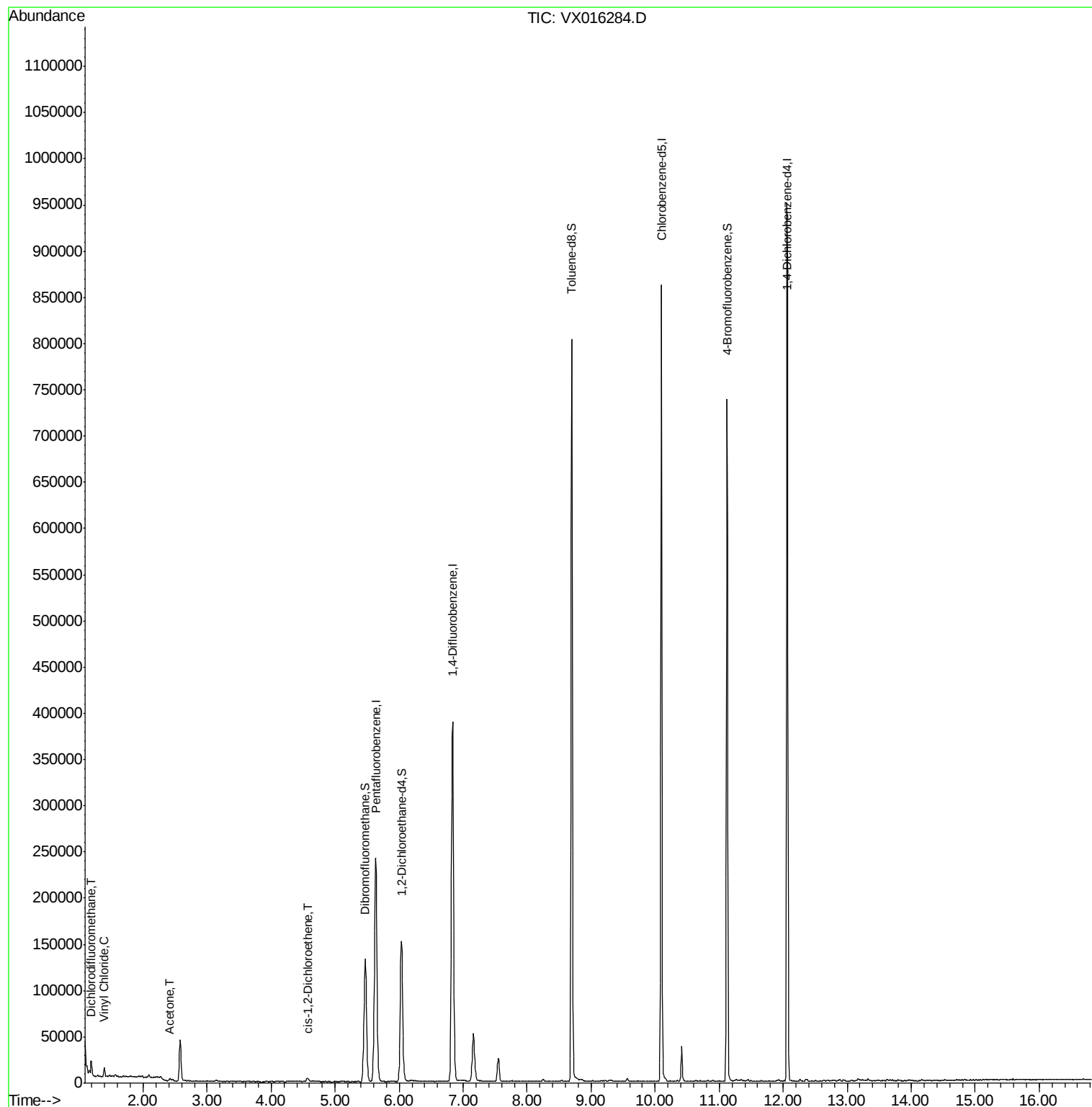
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	239645	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	398286	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	395532	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	203169	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	145133	46.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.04%	
35) Dibromofluoromethane	5.47	113	116531	46.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.36%	
50) Toluene-d8	8.70	98	490552	50.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.92%	
62) 4-Bromofluorobenzene	11.12	95	198843	53.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.54%	
Target Compounds						
2) Dichlorodifluoromethane	1.18	85	5998	2.365	ug/l	100
4) Vinyl Chloride	1.39	62	4867	1.549	ug/l	99
16) Acetone	2.42	43	3114	2.213	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	2935	0.967	ug/l	72

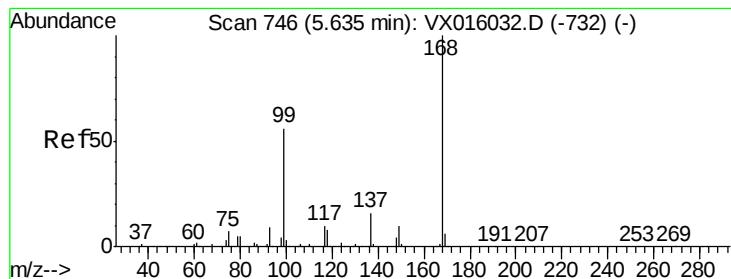
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051520\
Data File : VX016284.D
Acq On : 15 May 2020 16:34
Operator : JC/SP
Sample : L2649-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S32-0684

Quant Time: May 16 07:58:00 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
Quant Title : SW846 8260
QLast Update : Wed May 06 06:43:32 2020
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: VX016284.D

Acq: 15 May 2020 16:34

Instrument :

MSVOA_X

ClientSampleId :

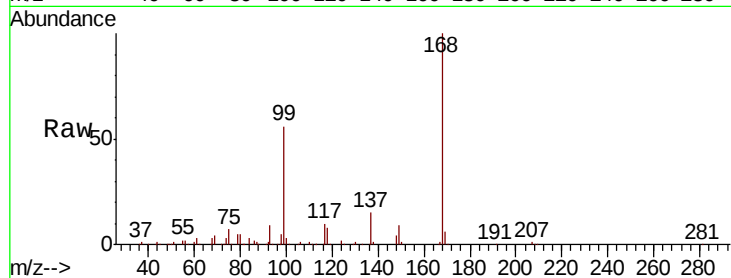
S32-0684

Tot Ion:168 Resp: 239645

Ion Ratio Lower Upper

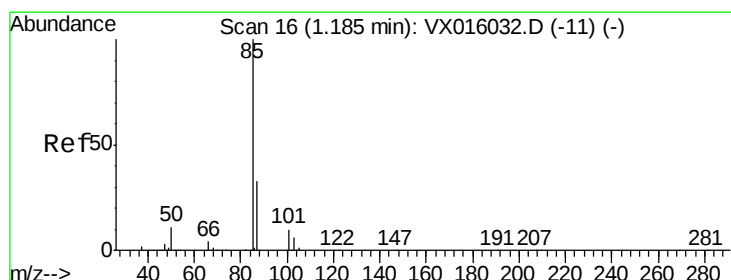
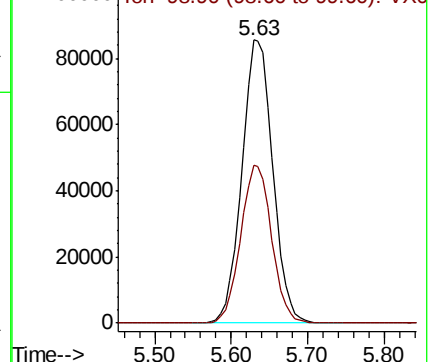
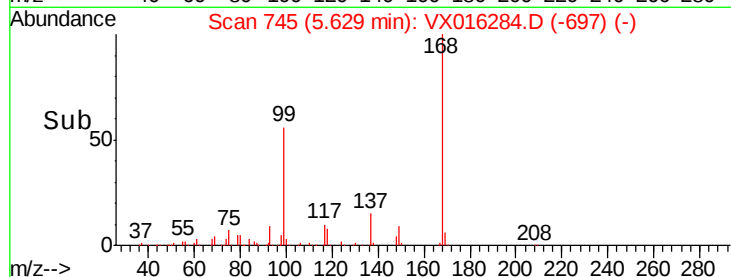
168 100

99 55.6 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#2

Dichlorodifluoromethane

Concen: 2.365 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016284.D

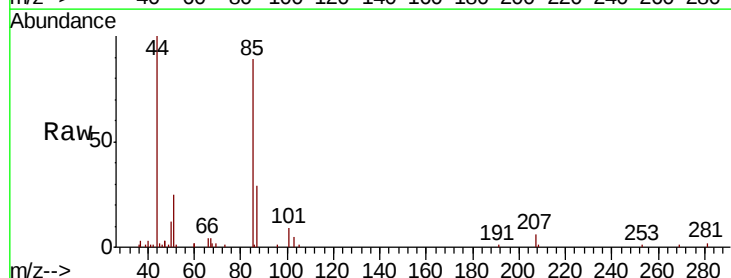
Acq: 15 May 2020 16:34

Tgt Ion: 85 Resp: 5998

Ion Ratio Lower Upper

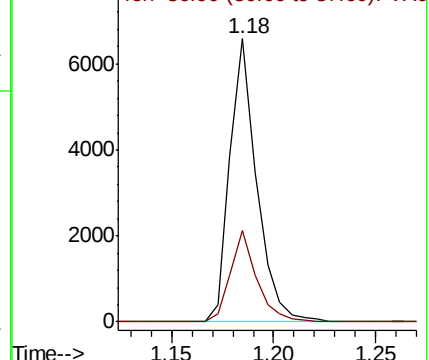
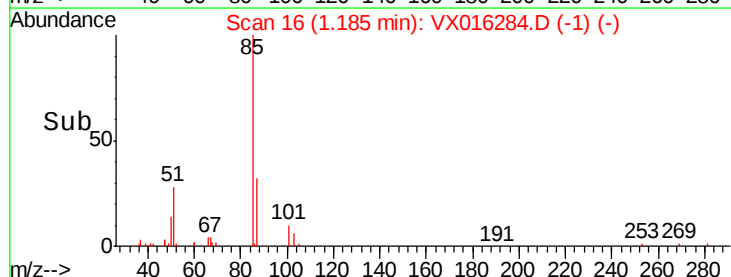
85 100

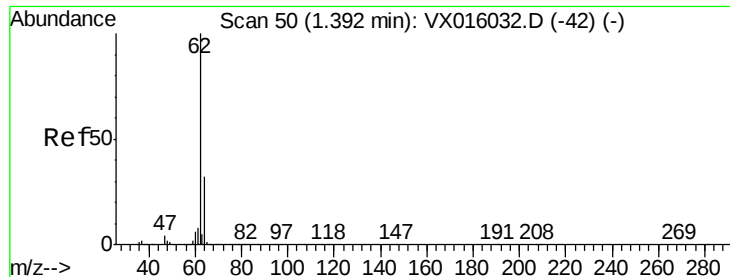
87 32.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0





#4

Vinyl Chloride

Concen: 1.549 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016284.D

Acq: 15 May 2020 16:34

Instrument :

MSVOA_X

ClientSampled :

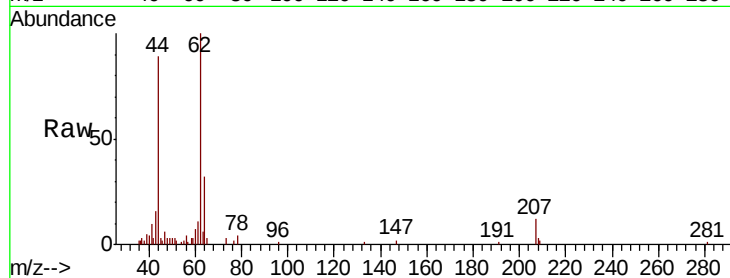
S32-0684

Tot Ion: 62 Resp: 4867

Ion Ratio Lower Upper

62 100

64 32.4 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

5000

4000

3000

2000

1000

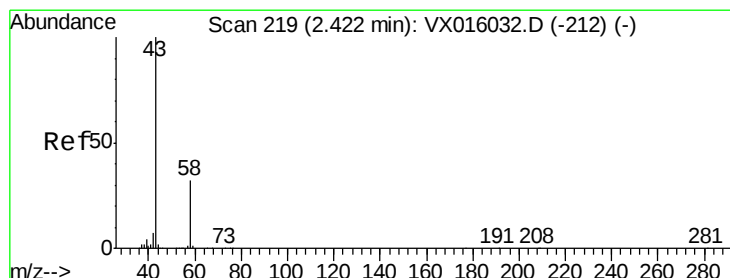
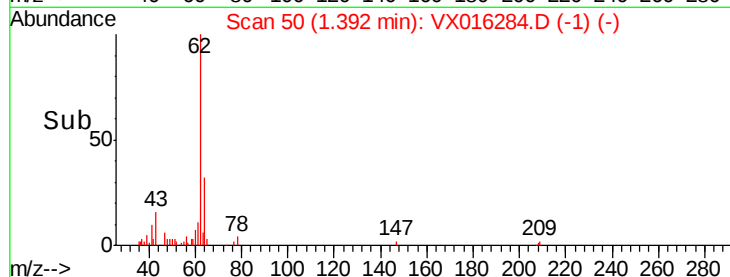
0

1.35

1.40

1.45

Time-->



#16

Acetone

Concen: 2.213 ug/l

RT: 2.42 min Scan# 219

Delta R.T. -0.00 min

Lab File: VX016284.D

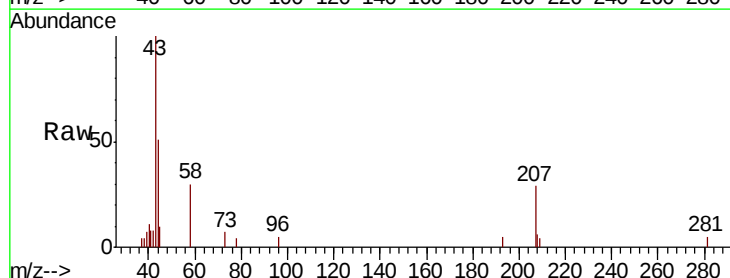
Acq: 15 May 2020 16:34

Tgt Ion: 43 Resp: 3114

Ion Ratio Lower Upper

43 100

58 29.6 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.42

2000

1500

1000

500

0

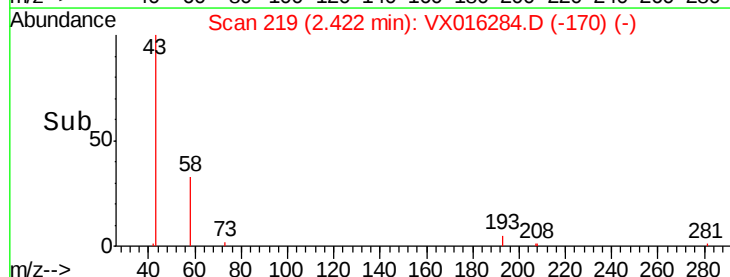
2.35

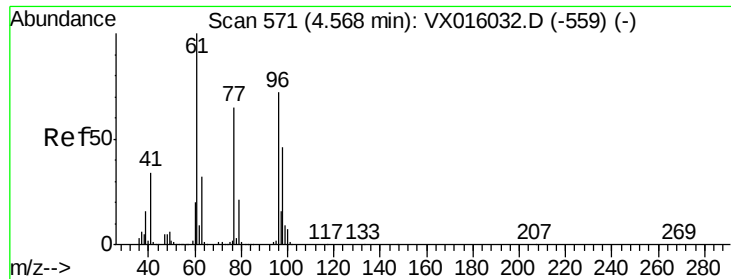
2.40

2.45

2.50

Time-->



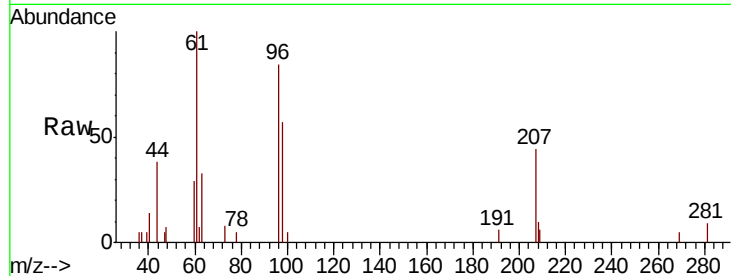


#27

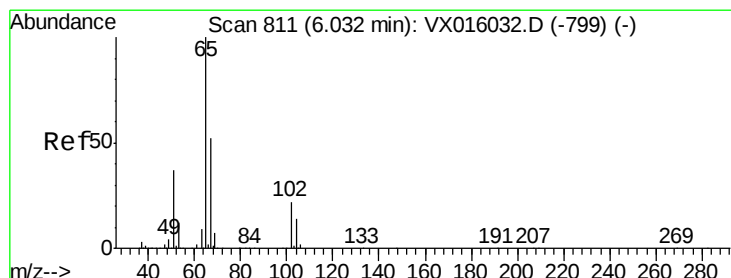
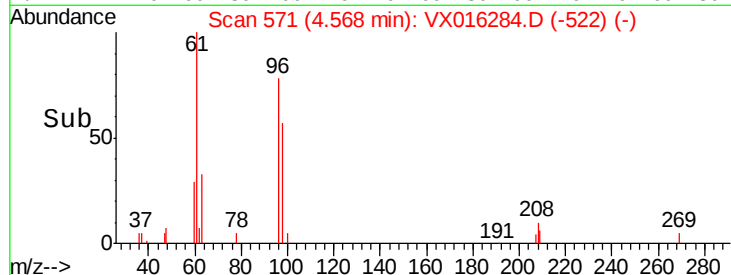
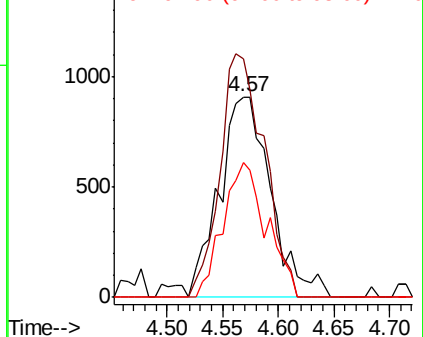
cis-1,2-Dichloroethene
Concen: 0.967 ug/l
RT: 4.57 min Scan# 571
Delta R.T. -0.00 min
Lab File: VX016284.D
Acq: 15 May 2020 16:34

Instrument :
MSVOA_X
ClientSampled :
S32-0684

Tot Ion	Ratio	Lower	Upper
96	100		
61	103.8	0.0	296.2
98	56.5	0.0	129.4



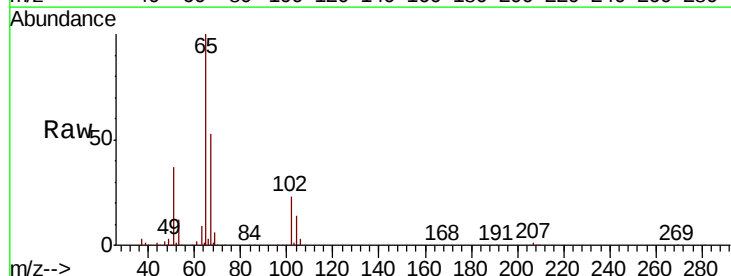
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



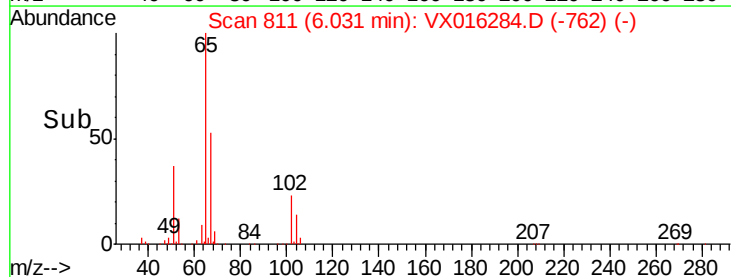
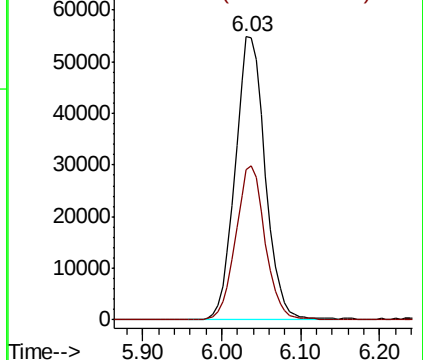
#33

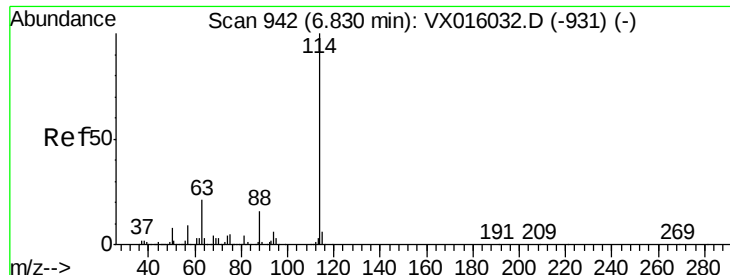
1,2-Dichloroethane-d4
Concen: 46.023 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016284.D
Acq: 15 May 2020 16:34

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.2	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: VX016284.D

Acq: 15 May 2020 16:34

Instrument :

MSVOA_X

ClientSampleId :

S32-0684

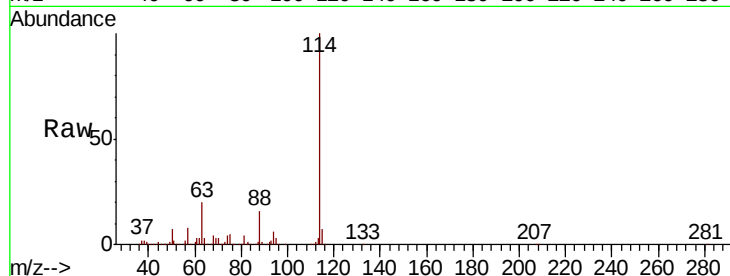
Tot Ion:114 Resp: 398286

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.8

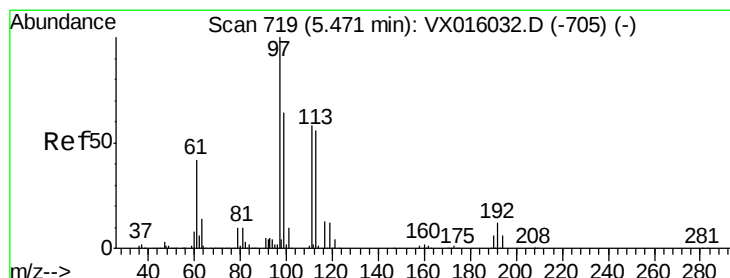
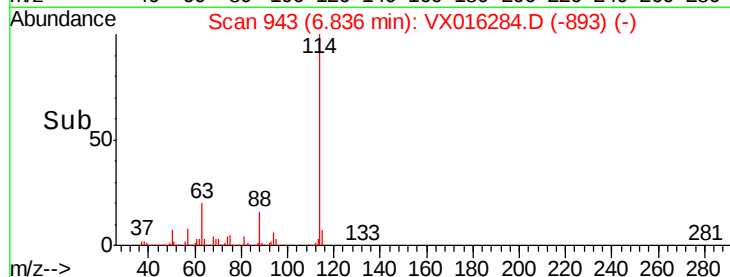
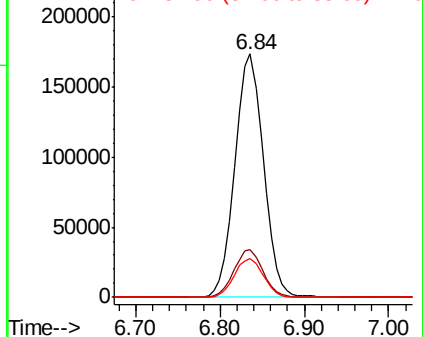
88 16.0 0.0 31.4



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: 46.182 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016284.D

Acq: 15 May 2020 16:34

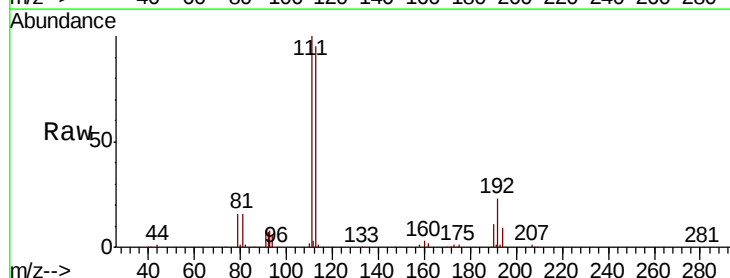
Tgt Ion:113 Resp: 116531

Ion Ratio Lower Upper

113 100

111 103.1 81.6 122.4

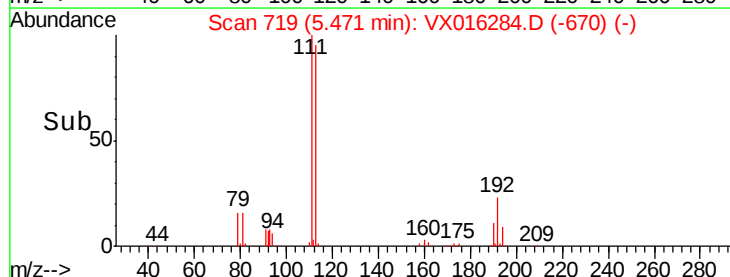
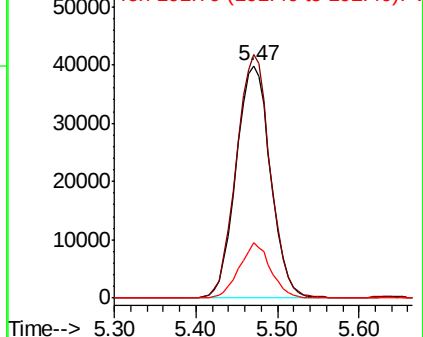
192 21.7 17.0 25.4

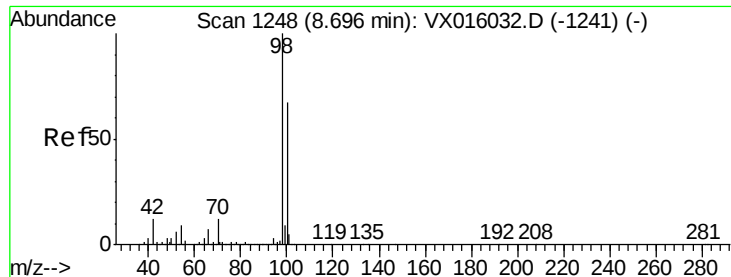


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#50

Toluene-d8

Concen: 50.455 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016284.D

Acq: 15 May 2020 16:34

Instrument :

MSVOA_X

ClientSampleId :

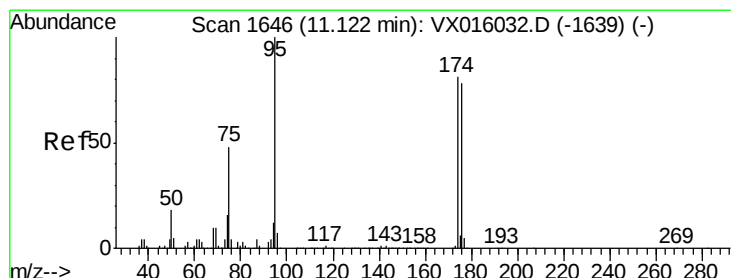
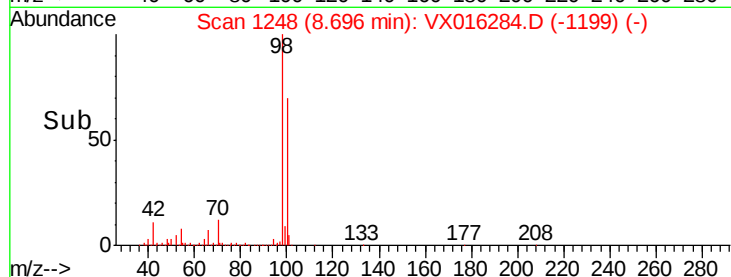
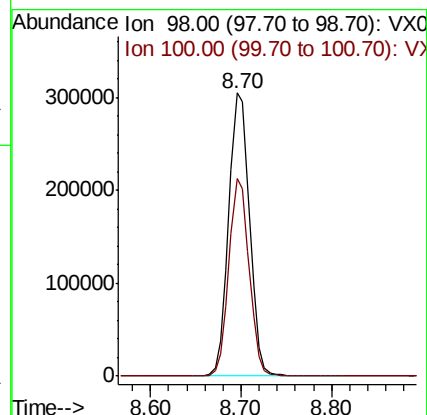
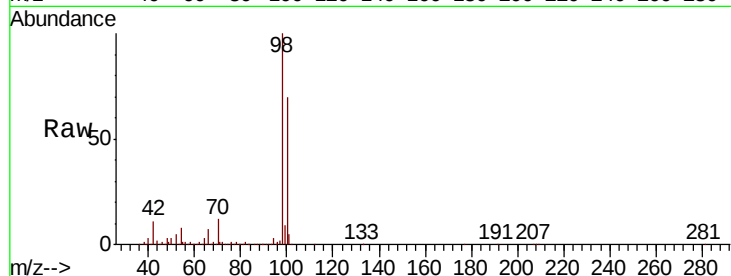
S32-0684

Tot Ion: 98 Resp: 490552

Ion Ratio Lower Upper

98 100

100 67.7 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 53.771 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016284.D

Acq: 15 May 2020 16:34

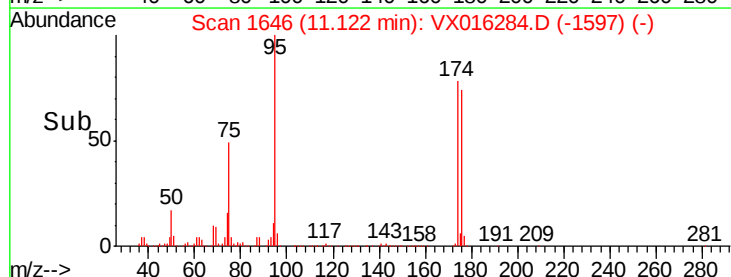
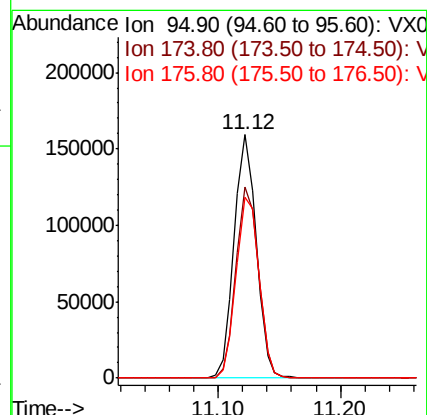
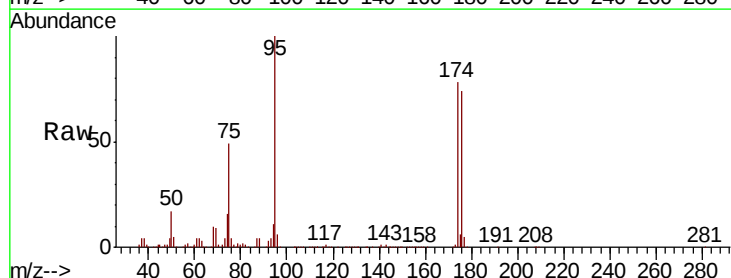
Tgt Ion: 95 Resp: 198843

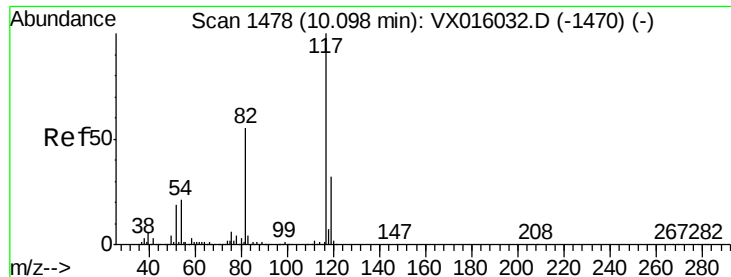
Ion Ratio Lower Upper

95 100

174 80.0 0.0 159.4

176 77.4 0.0 157.6

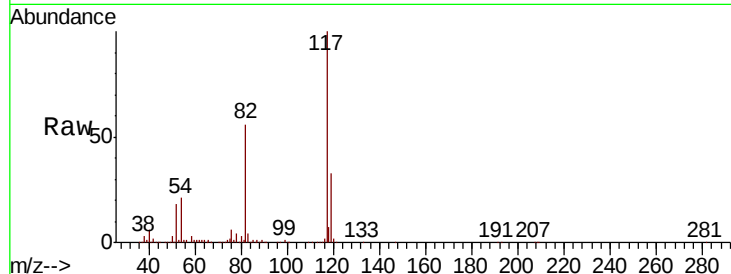




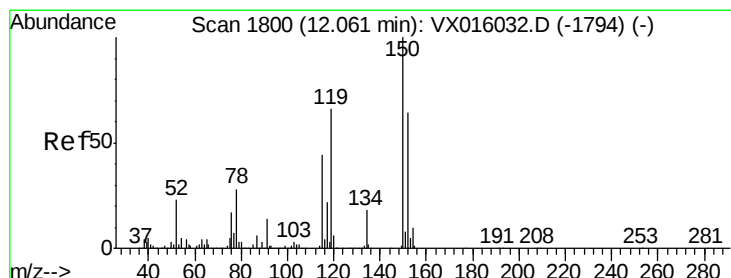
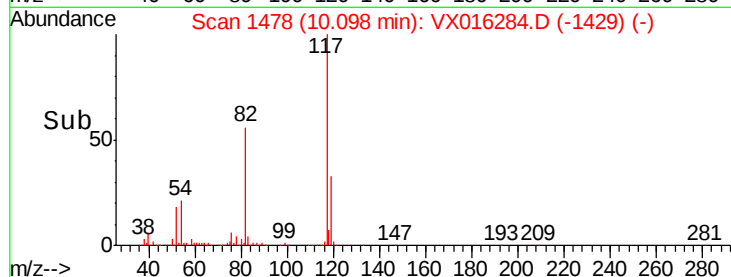
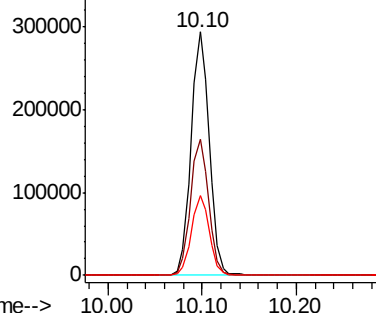
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016284.D
Acq: 15 May 2020 16:34

Instrument :
MSVOA_X
ClientSampleId :
S32-0684

Tot Ion	Ratio	Lower	Upper
117	100		
82	55.8	44.4	66.6
119	32.8	25.5	38.3

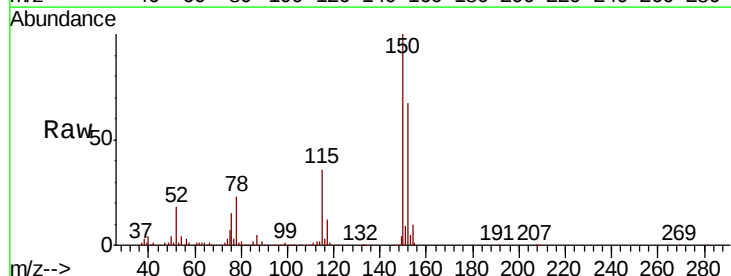


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1801
Delta R.T. 0.01 min
Lab File: VX016284.D
Acq: 15 May 2020 16:34

Tgt Ion	Ratio	Lower	Upper
152	100		
115	57.8	41.3	124.1
150	152.5	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

