

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051820\
 Data File : VX016306.D
 Acq On : 18 May 2020 18:04
 Operator : JC/SP
 Sample : L2649-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0684

Quant Time: May 19 02:23:30 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

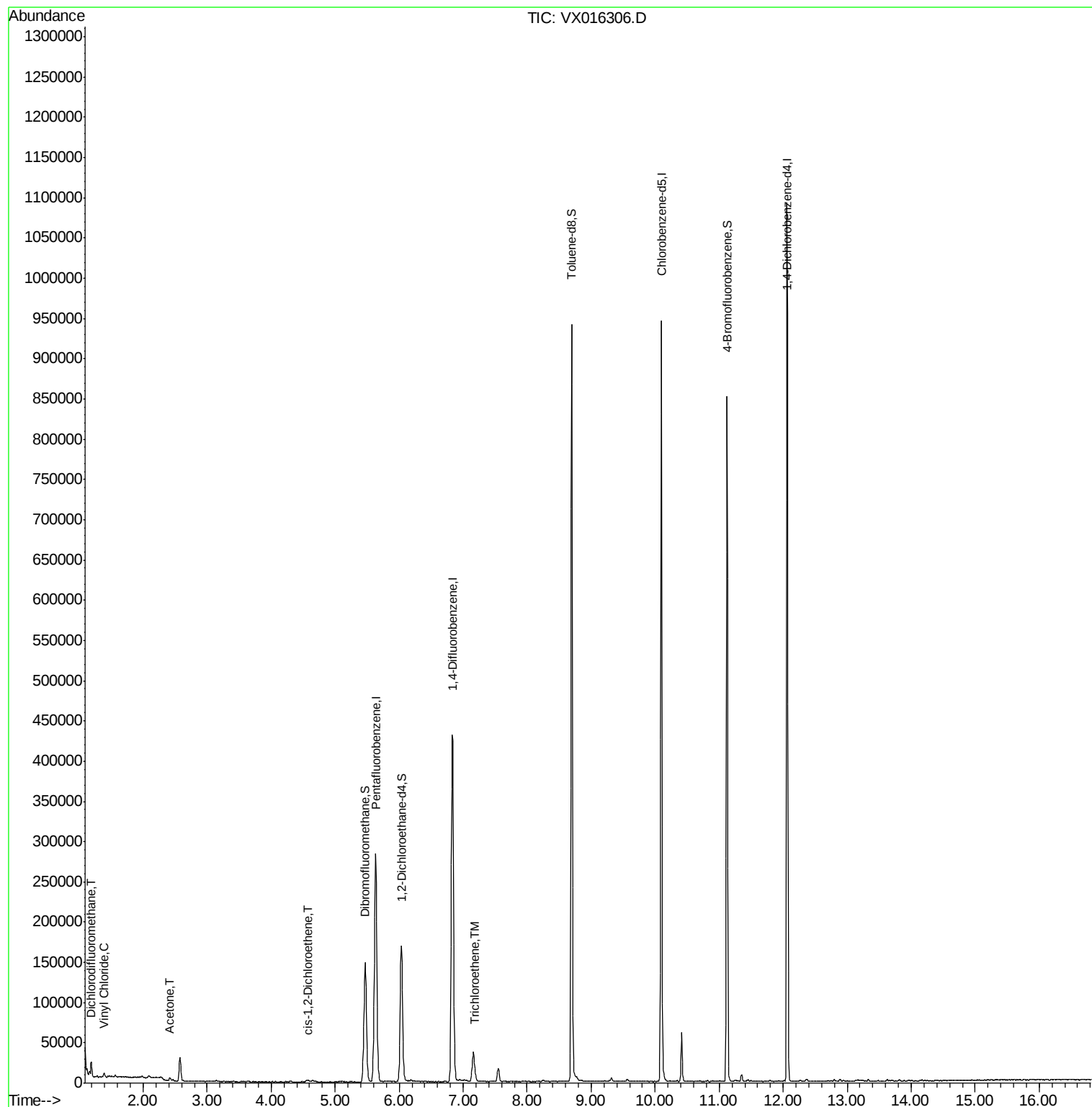
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	282140	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	452195	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	441852	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	230245	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	158995	42.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.64%	
35) Dibromofluoromethane	5.46	113	129652	45.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	90.52%	
50) Toluene-d8	8.70	98	563680	51.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.14%	
62) 4-Bromofluorobenzene	11.12	95	224482	53.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.94%	
Target Compounds						
2) Dichlorodifluoromethane	1.18	85	6494	2.175	ug/l	99
4) Vinyl Chloride	1.39	62	2007	0.542	ug/l	97
16) Acetone	2.42	43	3698	2.232	ug/l	89
27) cis-1,2-Dichloroethene	4.57	96	2158	0.604	ug/l	69
44) Trichloroethene	7.19	130	1301	0.281	ug/l	86

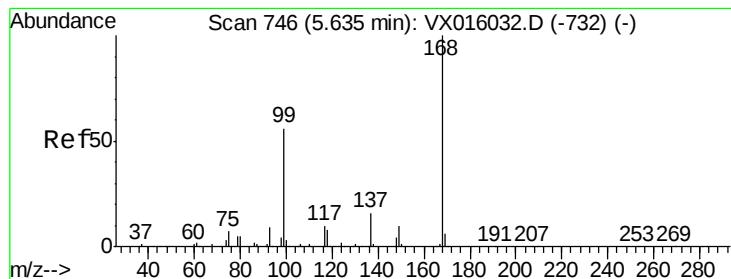
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051820\
Data File : VX016306.D
Acq On : 18 May 2020 18:04
Operator : JC/SP
Sample : L2649-05
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
S32-0684

Quant Time: May 19 02:23:30 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: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016306.D

Acq: 18 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

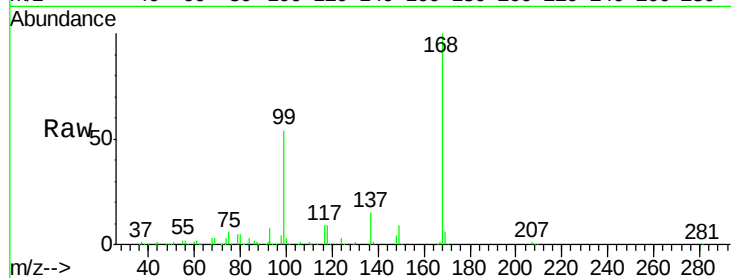
S32-0684

Tot Ion:168 Resp: 282140

Ion Ratio Lower Upper

168 100

99 53.7 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

120000

100000

80000

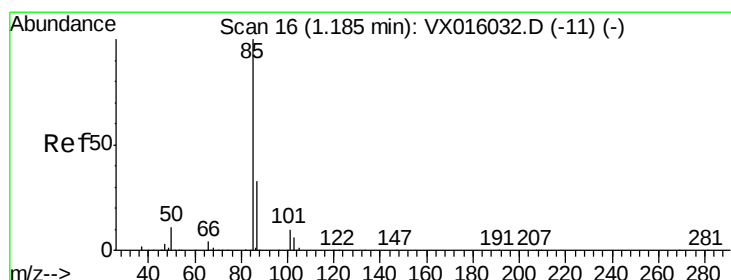
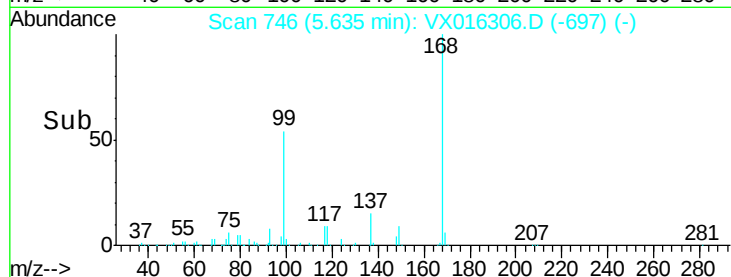
60000

40000

20000

0

Time-->



#2

Dichlorodifluoromethane

Concen: 2.175 ug/l

RT: 1.18 min Scan# 16

Delta R.T. -0.00 min

Lab File: VX016306.D

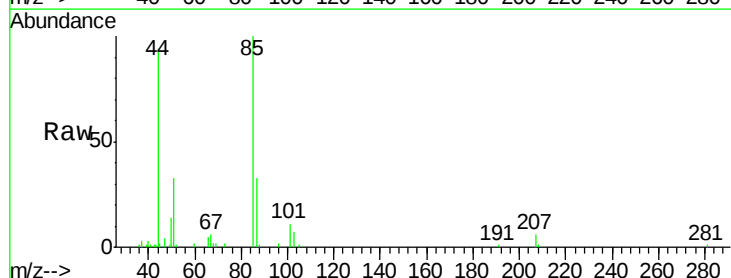
Acq: 18 May 2020 18:04

Tgt Ion: 85 Resp: 6494

Ion Ratio Lower Upper

85 100

87 33.4 16.4 49.1



Abundance Ion 84.90 (84.60 to 85.60): VX0

Ion 86.90 (86.60 to 87.60): VX0

1.18

8000

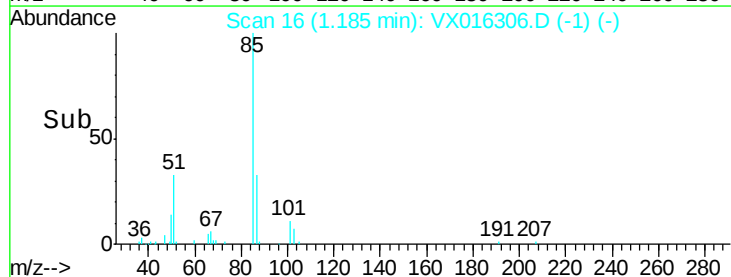
6000

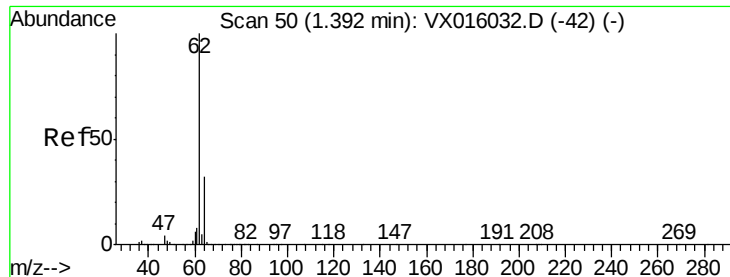
4000

2000

0

Time-->





#4

Vinyl Chloride

Concen: 0.542 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016306.D

Acq: 18 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

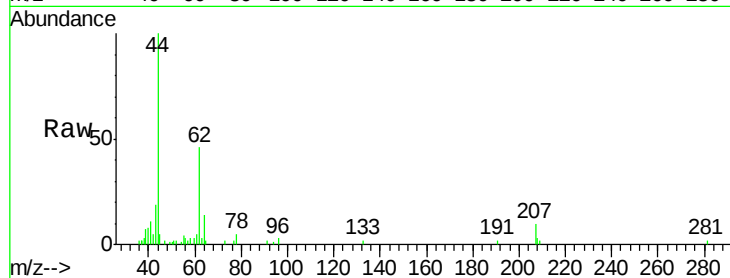
S32-0684

Tot Ion: 62 Resp: 2007

Ion Ratio Lower Upper

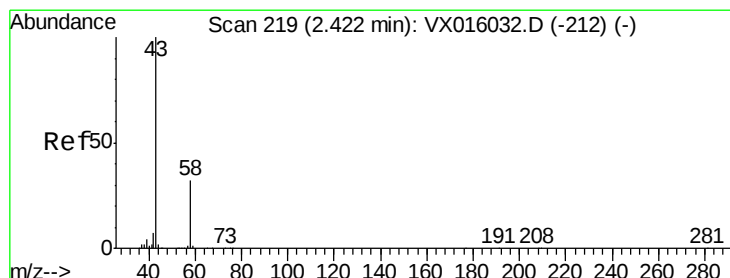
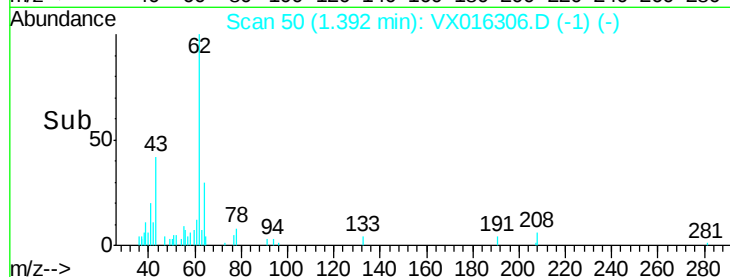
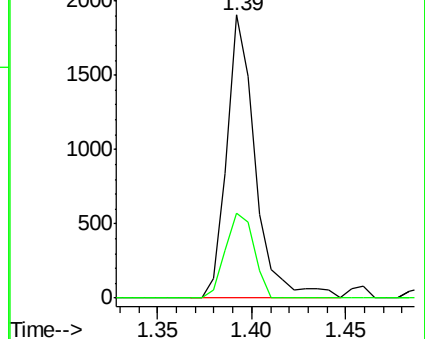
62 100

64 30.2 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#16

Acetone

Concen: 2.232 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016306.D

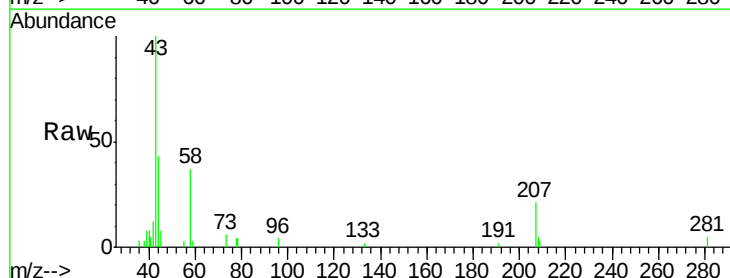
Acq: 18 May 2020 18:04

Tgt Ion: 43 Resp: 3698

Ion Ratio Lower Upper

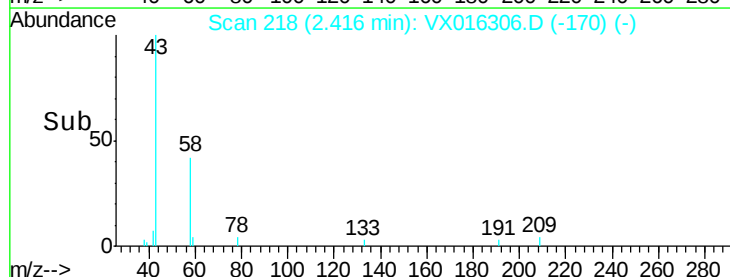
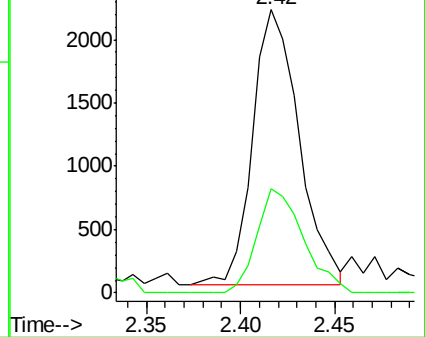
43 100

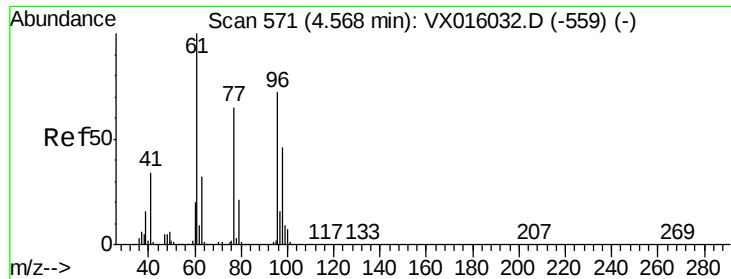
58 38.0 25.4 38.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



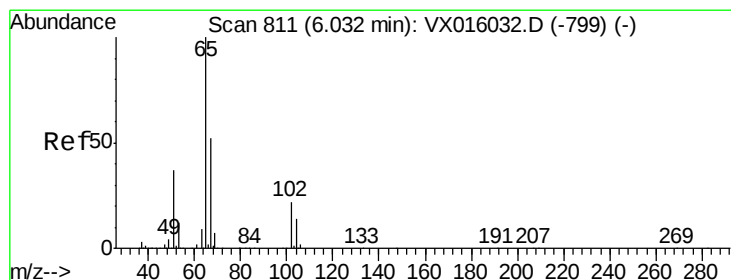
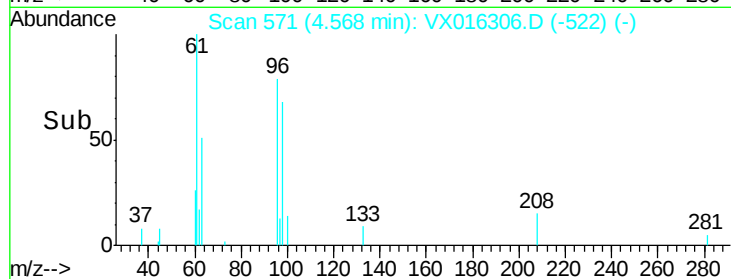
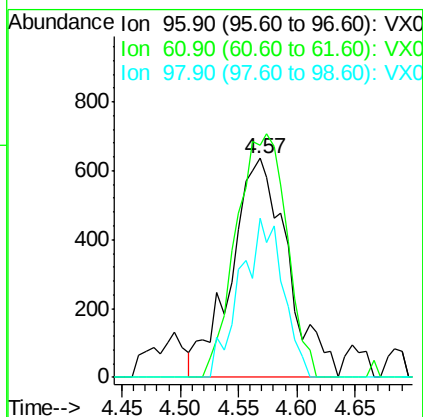
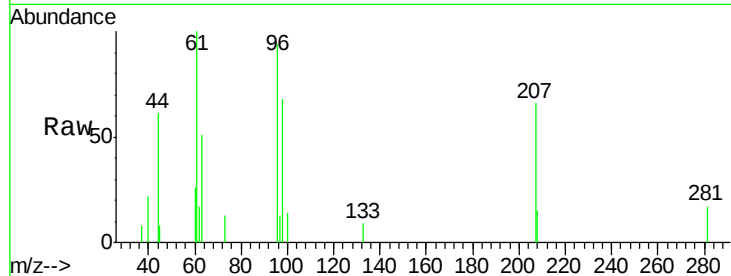


#27

cis-1,2-Dichloroethene
 Concen: 0.604 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX016306.D
 Acq: 18 May 2020 18:04

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-0684

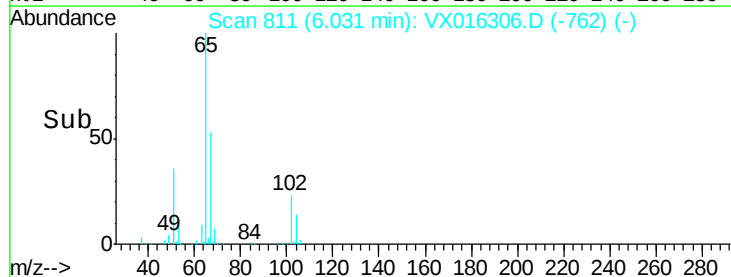
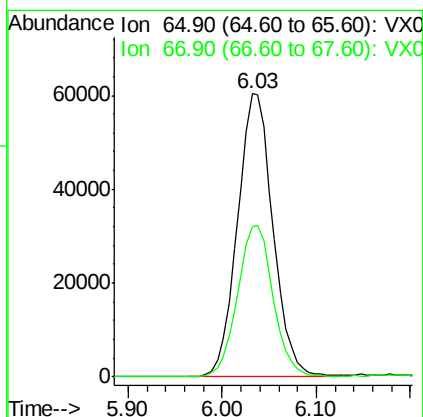
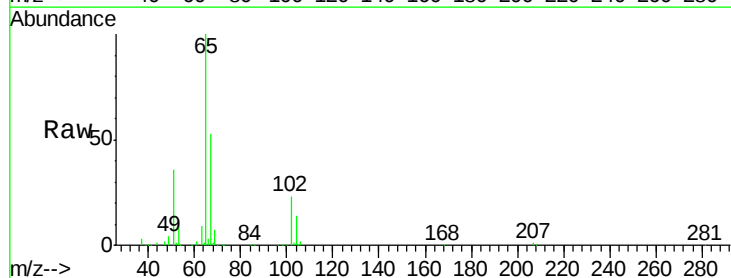
Tot Ion	Ratio	Lower	Upper
96	100		
61	99.1	0.0	296.2
98	54.9	0.0	129.4

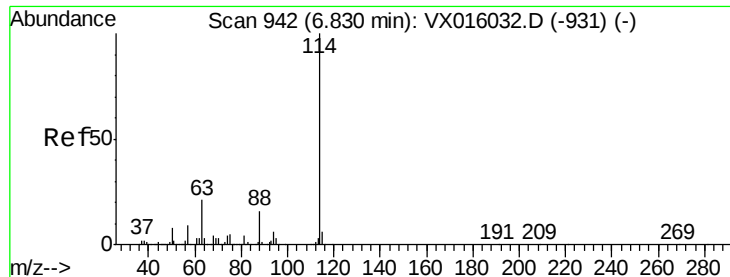


#33

1,2-Dichloroethane-d4
 Concen: 42.825 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016306.D
 Acq: 18 May 2020 18:04

Tgt Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016306.D

Acq: 18 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

S32-0684

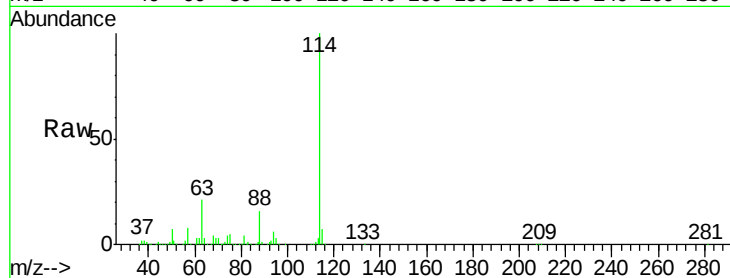
Tot Ion:114 Resp: 452195

Ion Ratio Lower Upper

114 100

63 20.6 0.0 42.8

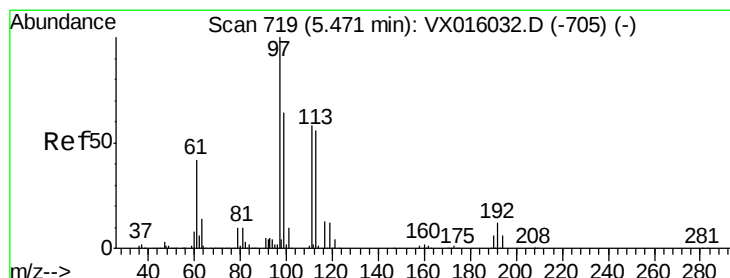
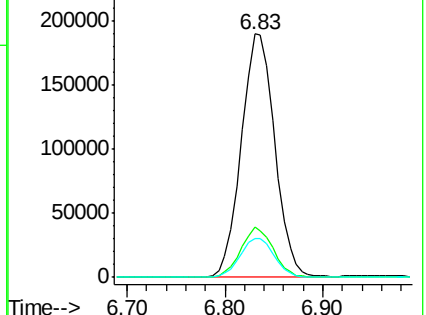
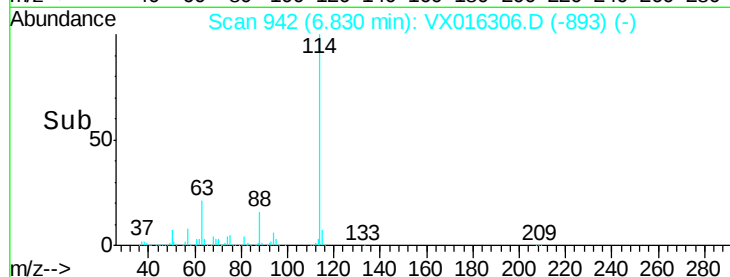
88 15.9 0.0 31.4



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: 45.256 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016306.D

Acq: 18 May 2020 18:04

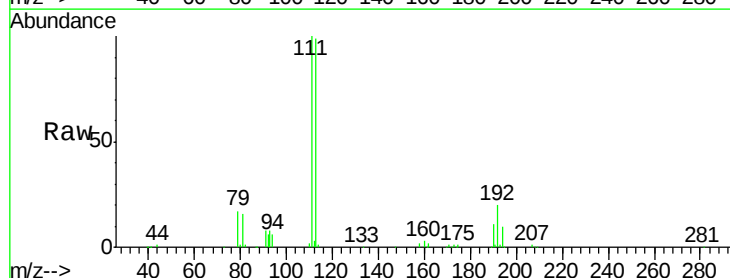
Tgt Ion:113 Resp: 129652

Ion Ratio Lower Upper

113 100

111 102.9 81.6 122.4

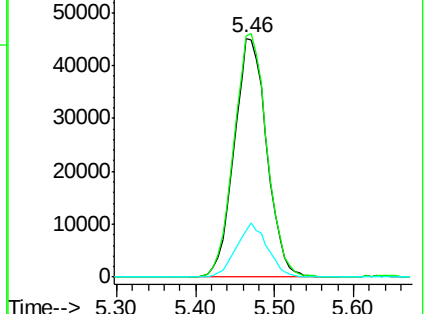
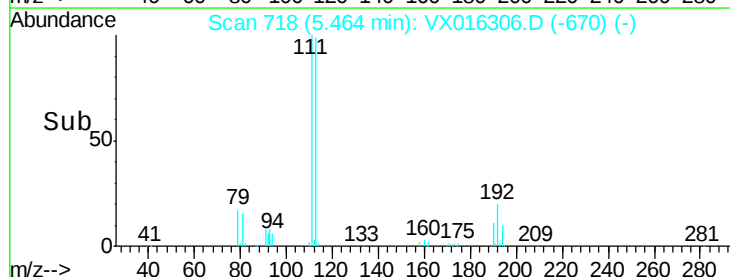
192 21.7 17.0 25.4

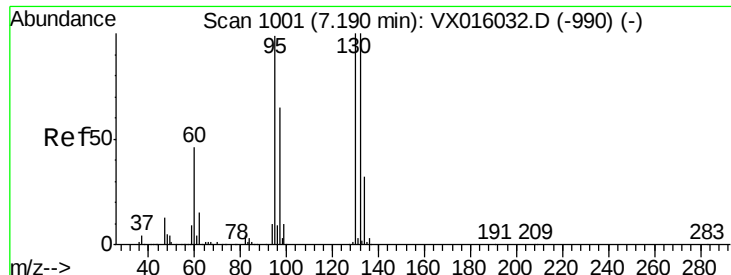


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.281 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016306.D

Acq: 18 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

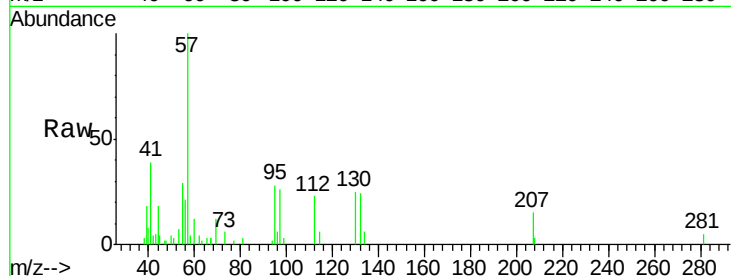
S32-0684

Tot Ion:130 Resp: 1301

Ion Ratio Lower Upper

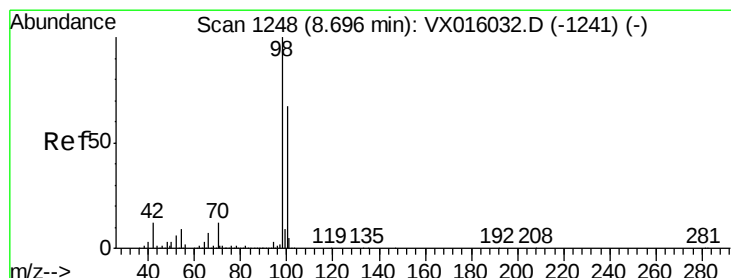
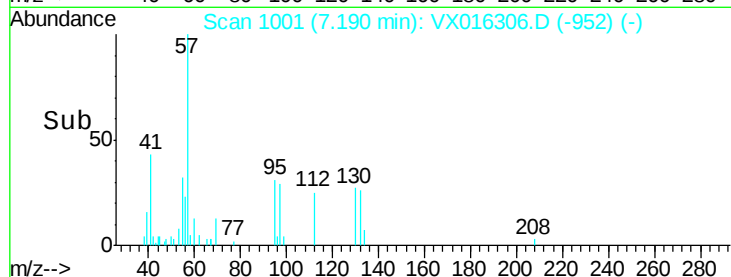
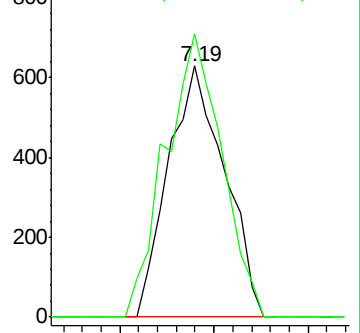
130 100

95 112.6 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.065 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016306.D

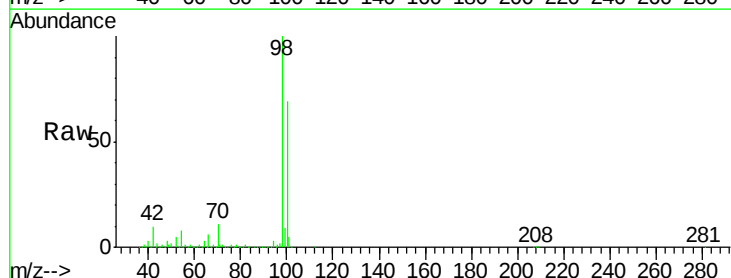
Acq: 18 May 2020 18:04

Tgt Ion: 98 Resp: 563680

Ion Ratio Lower Upper

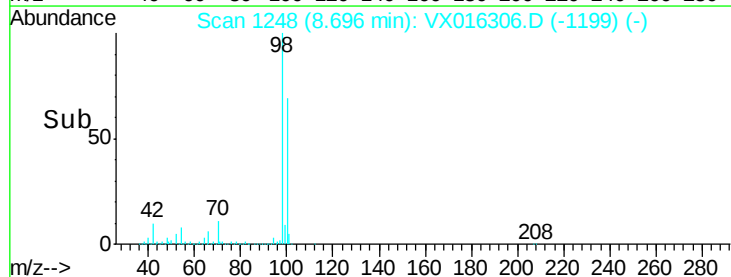
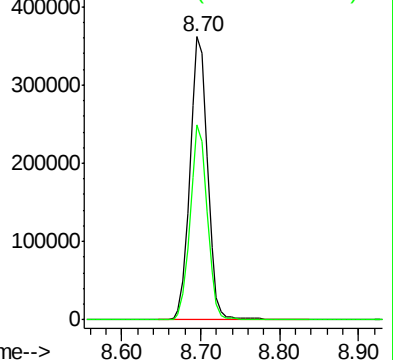
98 100

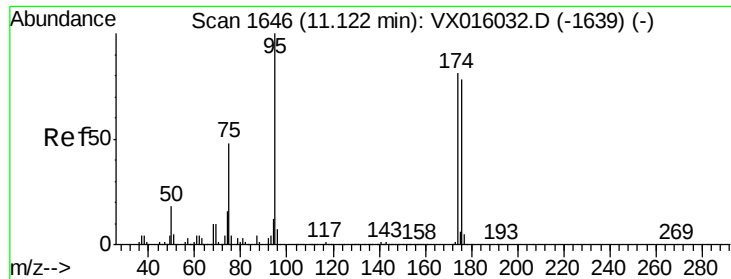
100 67.2 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 53.467 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016306.D

Acq: 18 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

S32-0684

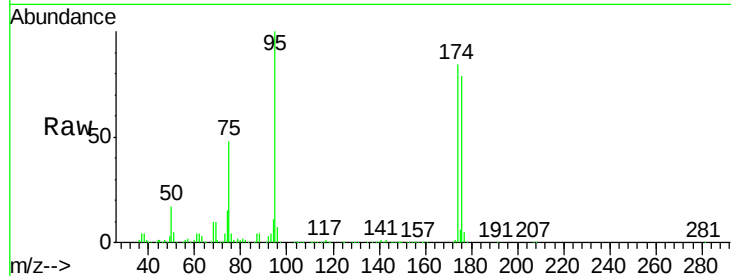
Tot Ion: 95 Resp: 224482

Ion Ratio Lower Upper

95 100

174 81.8 0.0 159.4

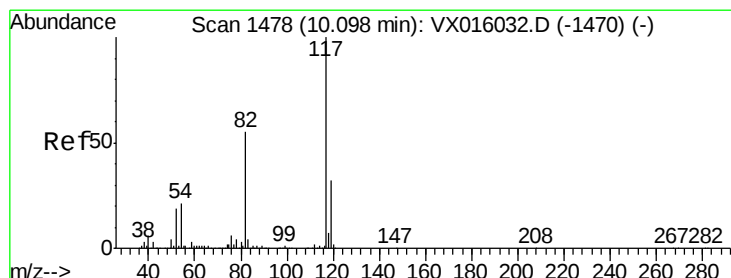
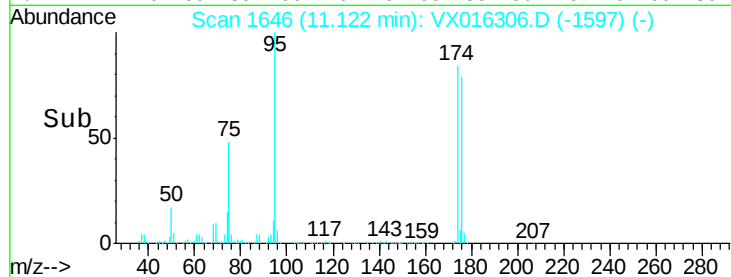
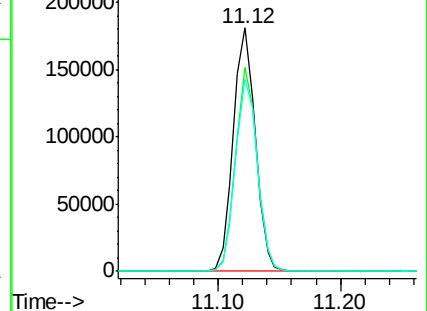
176 78.6 0.0 157.6



Abundance Ion 94.90 (94.60 to 95.60): VX016306.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX016306.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX016306.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016306.D

Acq: 18 May 2020 18:04

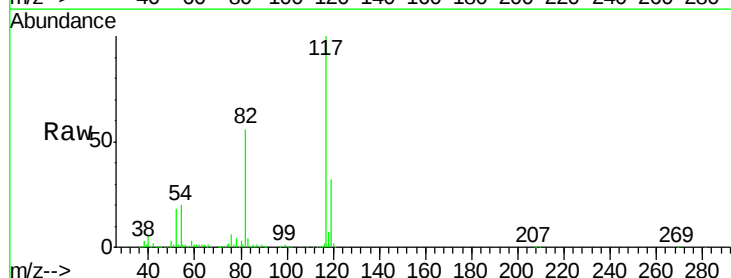
Tgt Ion: 117 Resp: 441852

Ion Ratio Lower Upper

117 100

82 55.7 44.4 66.6

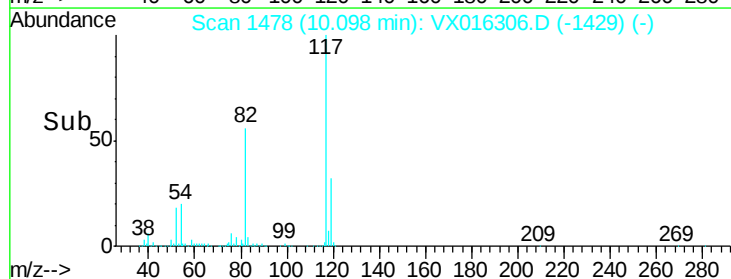
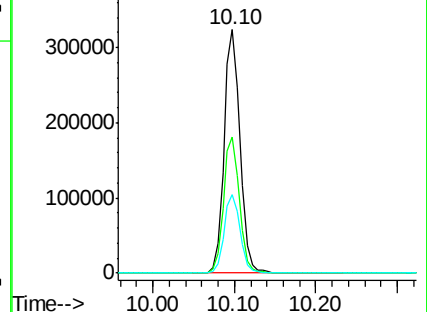
119 32.4 25.5 38.3

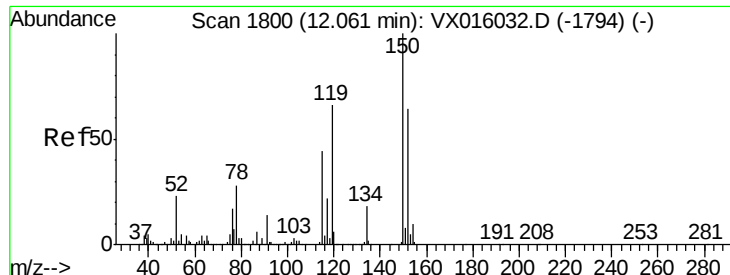


Abundance Ion 116.90 (116.60 to 117.60): VX016306.D (-1429) (-)

Ion 82.00 (81.70 to 82.70): VX016306.D (-1429) (-)

Ion 118.90 (118.60 to 119.60): VX016306.D (-1429) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016306.D

Acq: 18 May 2020 18:04

Instrument :

MSVOA_X

ClientSampleId :

S32-0684

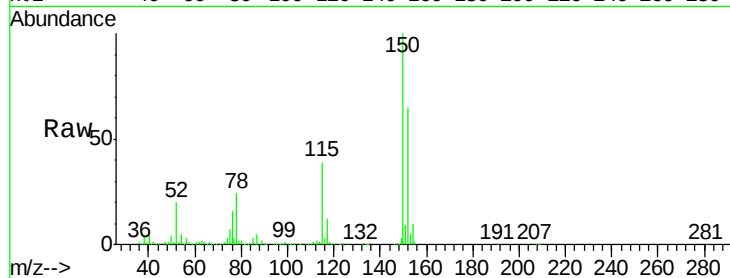
Tot Ion:152 Resp: 230245

Ion Ratio Lower Upper

152 100

115 58.3 41.3 124.1

150 156.2 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

