

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX051520\
 Data File : VX016287.D
 Acq On : 15 May 2020 17:42
 Operator : JC/SP
 Sample : L2649-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-ER-2020-1

Quant Time: May 16 08:07:00 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

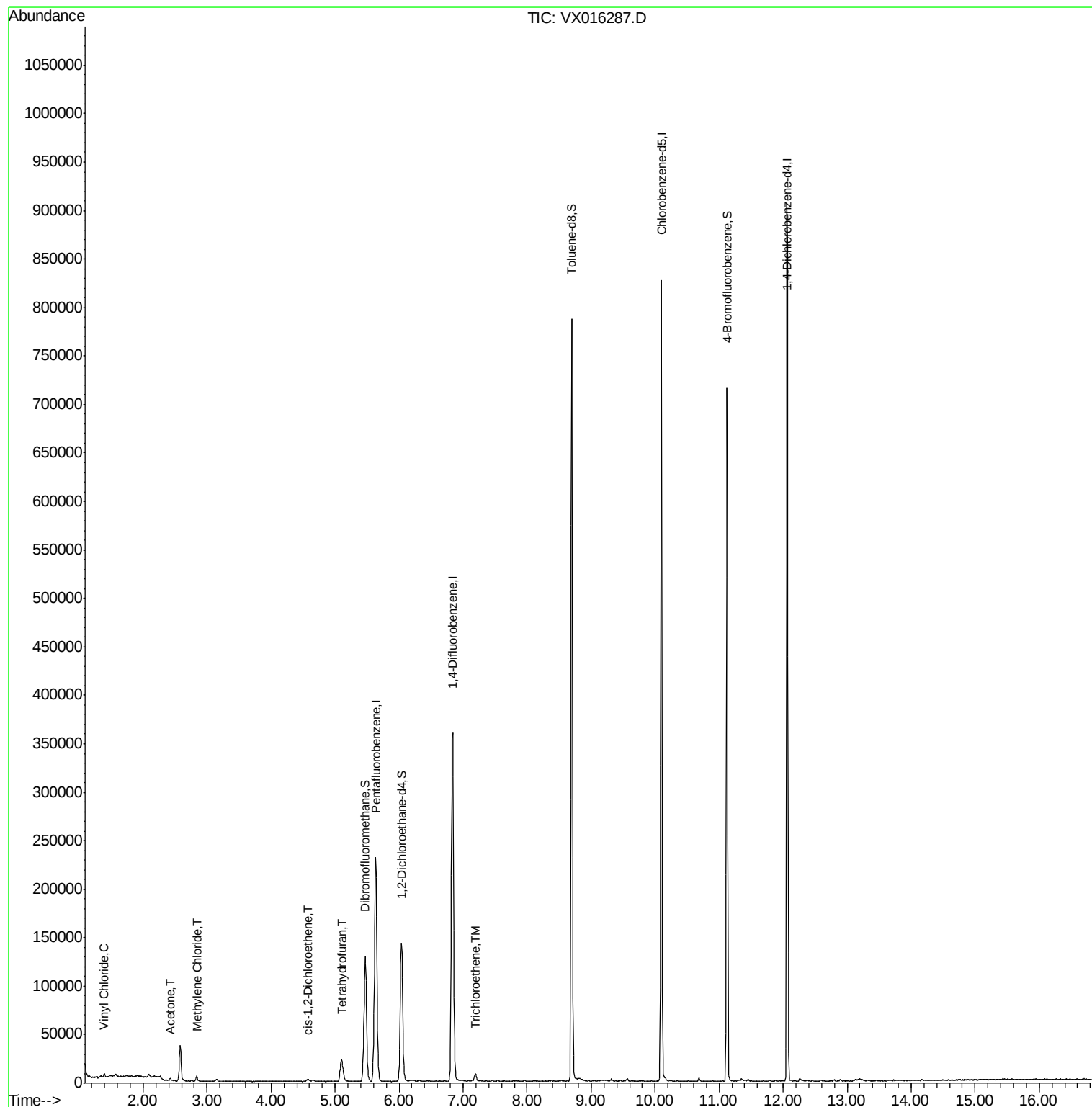
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	226585	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	373840	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	372865	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	189024	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	138050	46.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.60%	
35) Dibromofluoromethane	5.47	113	111570	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
50) Toluene-d8	8.70	98	468970	51.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.78%	
62) 4-Bromofluorobenzene	11.12	95	189179	54.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.00%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.39	62	1846	0.621	ug/l	100
16) Acetone	2.42	43	2317	1.742	ug/l	96
20) Methylene Chloride	2.83	84	2070	0.755	ug/l	95
27) cis-1,2-Dichloroethene	4.57	96	1905	0.664	ug/l	54
29) Tetrahydrofuran	5.10	42	22435	15.794	ug/l	98
44) Trichloroethene	7.19	130	2668	0.697	ug/l	93

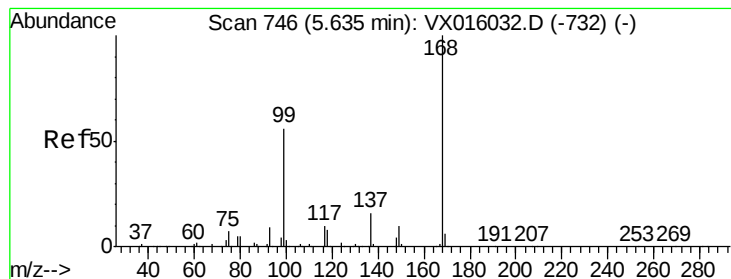
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX051520\
Data File : VX016287.D
Acq On : 15 May 2020 17:42
Operator : JC/SP
Sample : L2649-11
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampled :
S32-ER-2020-1

Quant Time: May 16 08:07:00 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: VX016287.D

Acq: 15 May 2020 17:42

Instrument :

MSVOA_X

ClientSampleId :

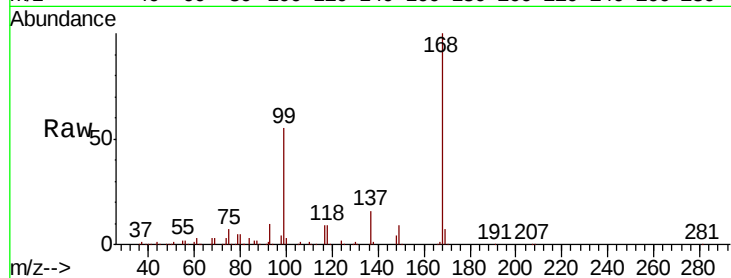
S32-ER-2020-1

Tot Ion:168 Resp: 226585

Ion Ratio Lower Upper

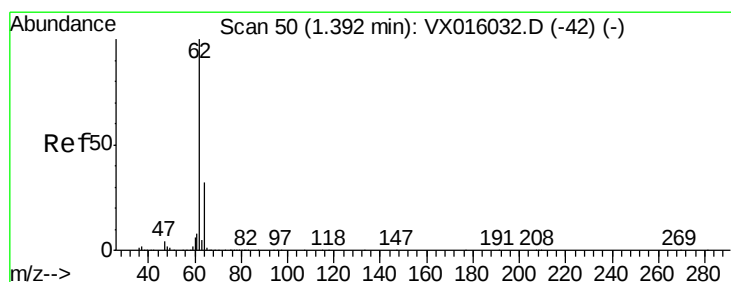
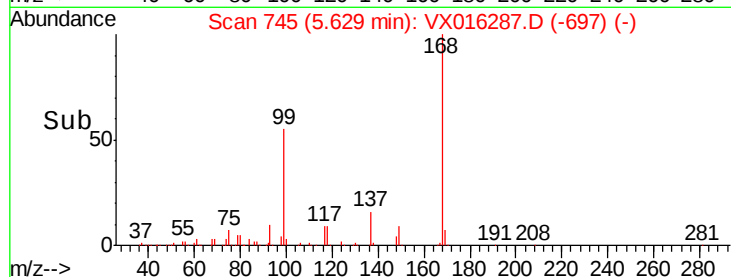
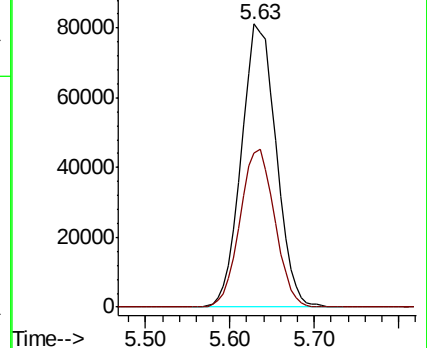
168 100

99 54.5 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: 0.621 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016287.D

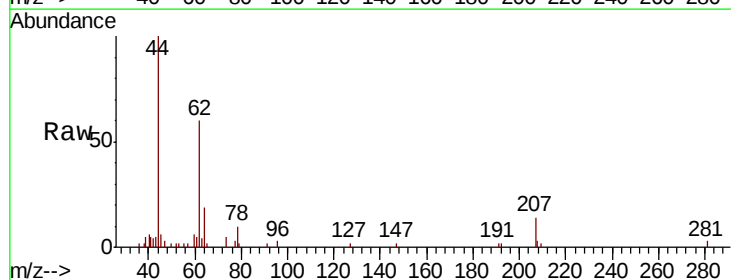
Acq: 15 May 2020 17:42

Tgt Ion: 62 Resp: 1846

Ion Ratio Lower Upper

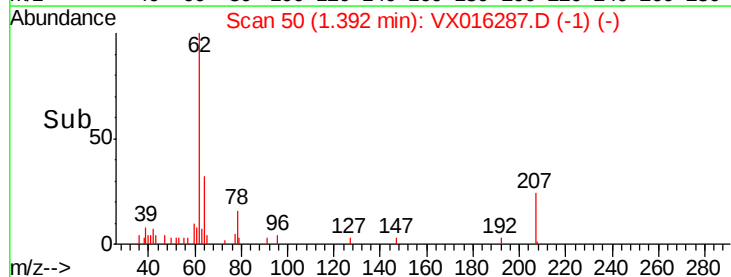
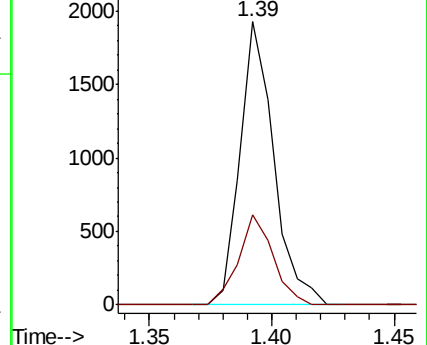
62 100

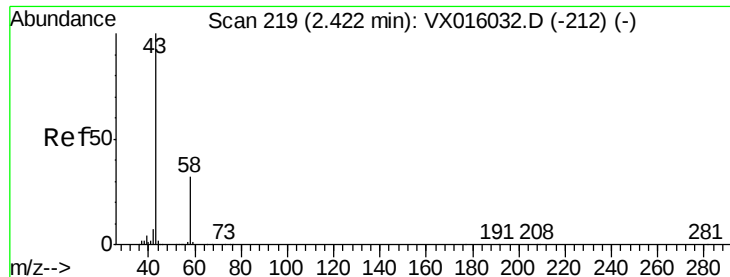
64 31.8 25.7 38.5



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 1.742 ug/l

RT: 2.42 min Scan# 219

Delta R.T. 0.00 min

Lab File: VX016287.D

Acq: 15 May 2020 17:42

Instrument :

MSVOA_X

ClientSampled :

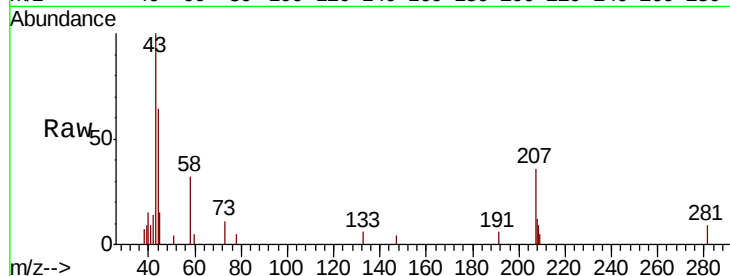
S32-ER-2020-1

Tot Ion: 43 Resp: 2317

Ion Ratio Lower Upper

43 100

58 34.1 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

1500

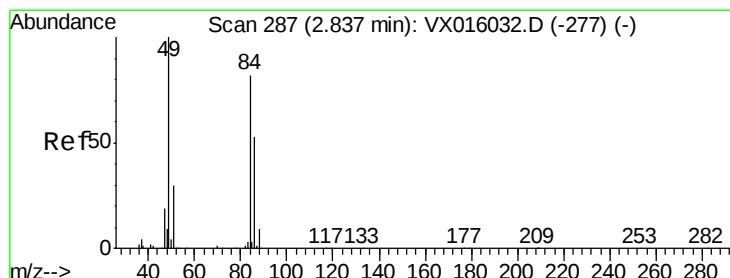
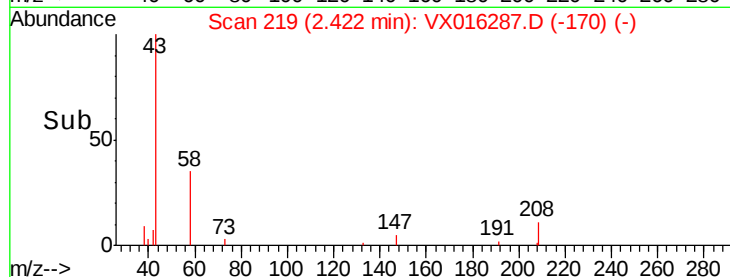
1000

500

0

Time-->

2.35 2.40 2.45 2.50



#20

Methylene Chloride

Concen: 0.755 ug/l

RT: 2.83 min Scan# 286

Delta R.T. -0.01 min

Lab File: VX016287.D

Acq: 15 May 2020 17:42

Tgt Ion: 84 Resp: 2070

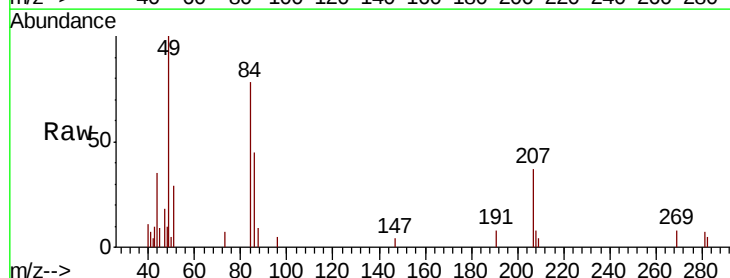
Ion Ratio Lower Upper

84 100

49 127.5 97.3 145.9

51 37.3 29.3 43.9

86 57.8 51.3 76.9



Abundance Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0

2000

1500

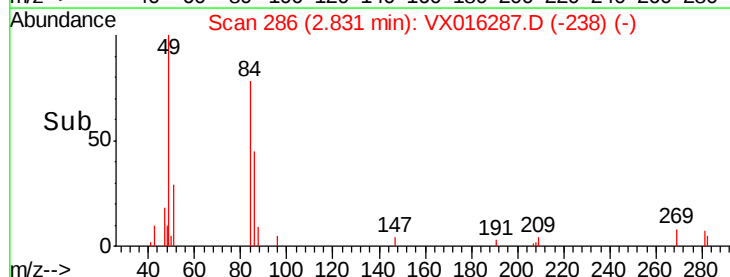
1000

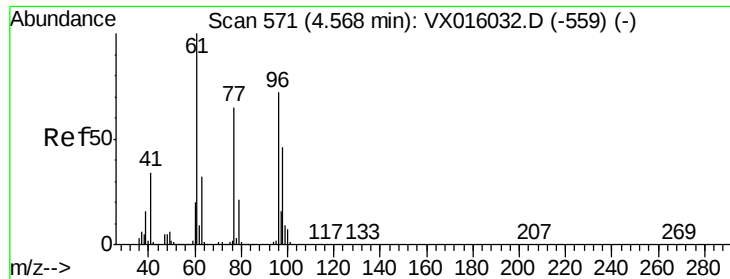
500

0

Time-->

2.75 2.80 2.85 2.90



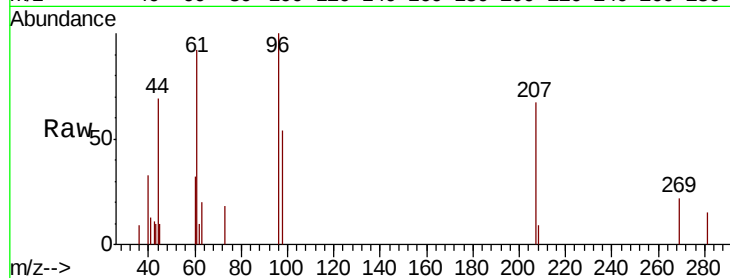


#27

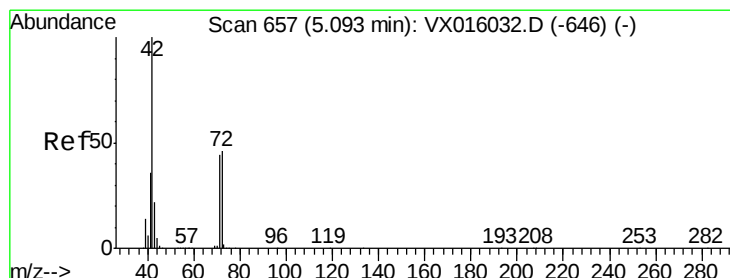
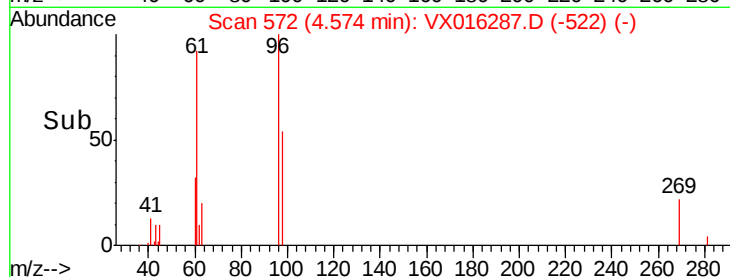
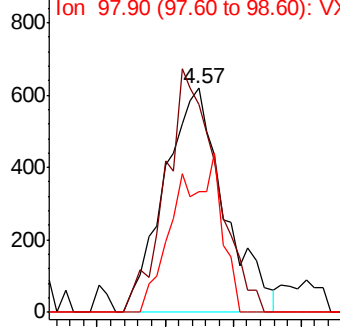
cis-1,2-Dichloroethene
 Concen: 0.664 ug/l
 RT: 4.57 min Scan# 572
 Delta R.T. 0.01 min
 Lab File: VX016287.D
 Acq: 15 May 2020 17:42

Instrument :
 MSVOA_X
 ClientSampleId :
 S32-ER-2020-1

Tot Ion:	96	Resp:	1905
Ion	Ratio	Lower	Upper
96	100		
61	92.7	0.0	296.2
98	25.7	0.0	129.4



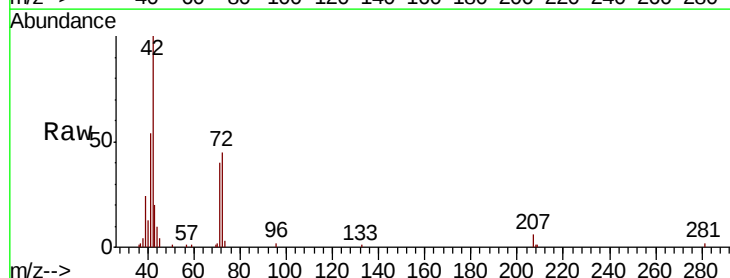
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



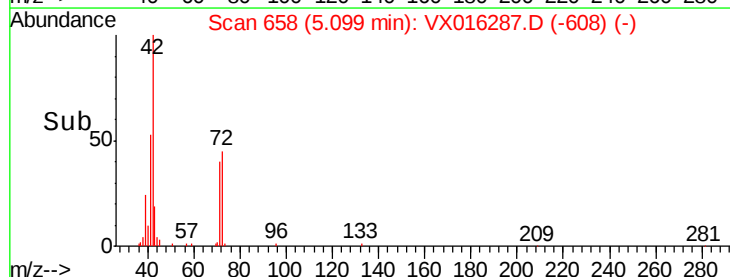
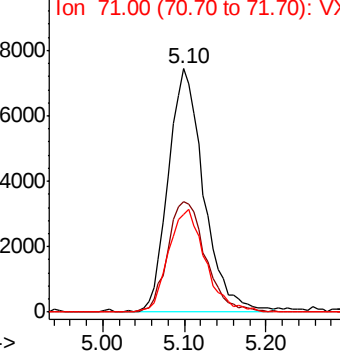
#29

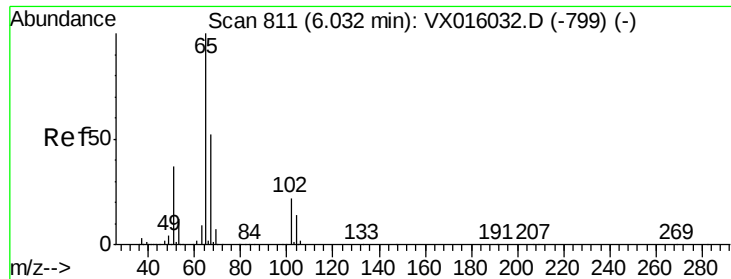
Tetrahydrofuran
 Concen: 15.794 ug/l
 RT: 5.10 min Scan# 658
 Delta R.T. 0.01 min
 Lab File: VX016287.D
 Acq: 15 May 2020 17:42

Tgt Ion:	42	Resp:	22435
Ion	Ratio	Lower	Upper
42	100		
72	48.2	37.1	55.7
71	43.6	34.5	51.7



Abundance Ion 42.00 (41.70 to 42.70): VX0
 Ion 72.00 (71.70 to 72.70): VX0
 Ion 71.00 (70.70 to 71.70): VX0





#33

1,2-Dichloroethane-d4

Concen: 46.300 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016287.D

Acq: 15 May 2020 17:42

Instrument :

MSVOA_X

ClientSampleId :

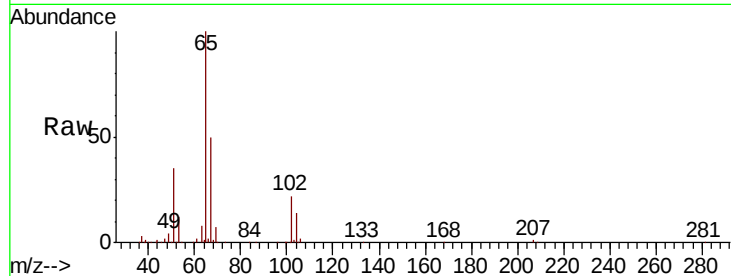
S32-ER-2020-1

Tot Ion: 65 Resp: 138050

Ion Ratio Lower Upper

65 100

67 52.6 0.0 104.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.04

50000

40000

30000

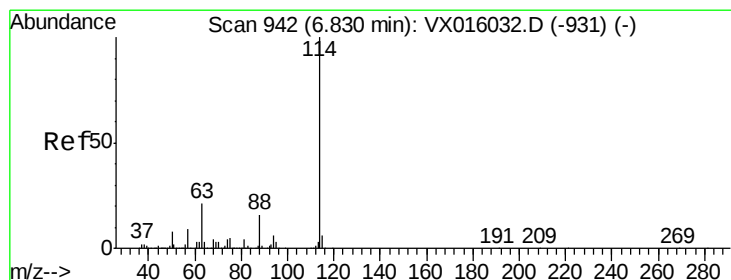
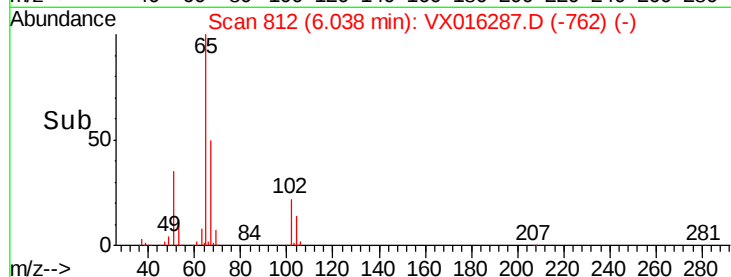
20000

10000

0

Time-->

5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016287.D

Acq: 15 May 2020 17:42

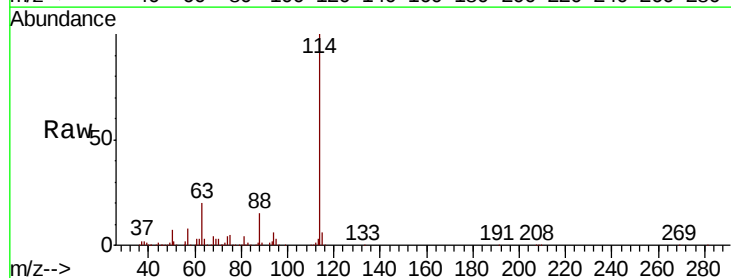
Tgt Ion: 114 Resp: 373840

Ion Ratio Lower Upper

114 100

63 19.9 0.0 42.8

88 15.5 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

200000

150000

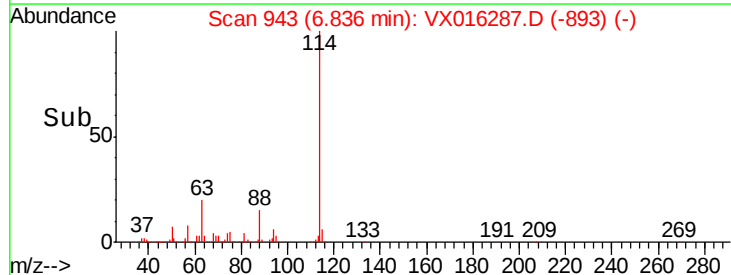
100000

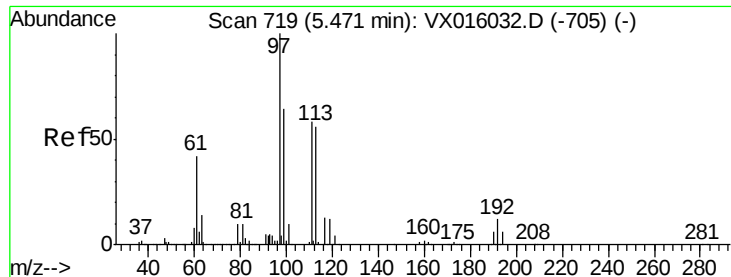
50000

0

Time-->

6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 47.107 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.00 min

Lab File: VX016287.D

Acq: 15 May 2020 17:42

Instrument :

MSVOA_X

ClientSampleId :

S32-ER-2020-1

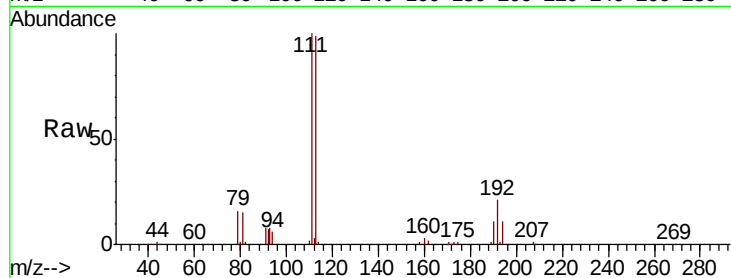
Tot Ion:113 Resp: 111570

Ion Ratio Lower Upper

113 100

111 101.5 81.6 122.4

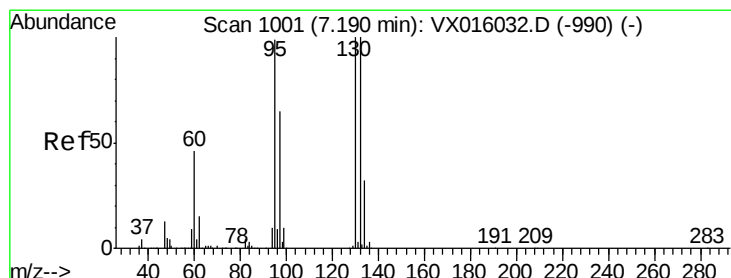
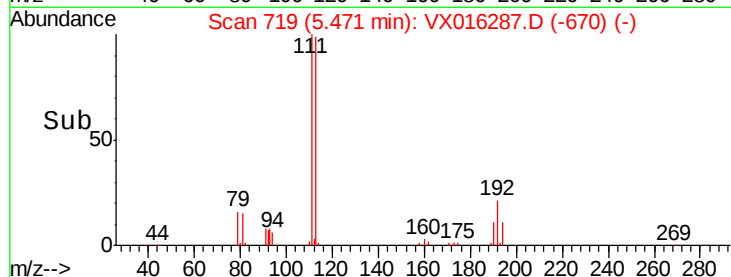
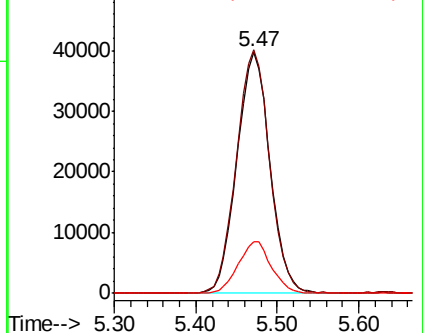
192 21.6 17.0 25.4



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: 0.697 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. 0.00 min

Lab File: VX016287.D

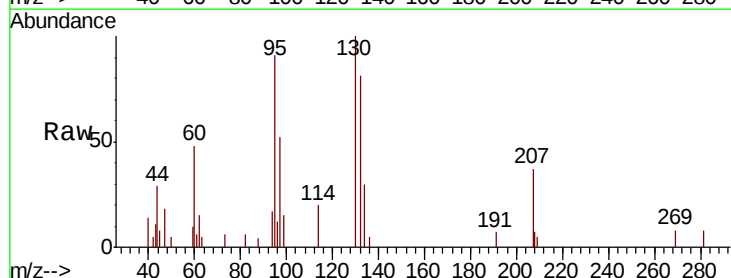
Acq: 15 May 2020 17:42

Tgt Ion:130 Resp: 2668

Ion Ratio Lower Upper

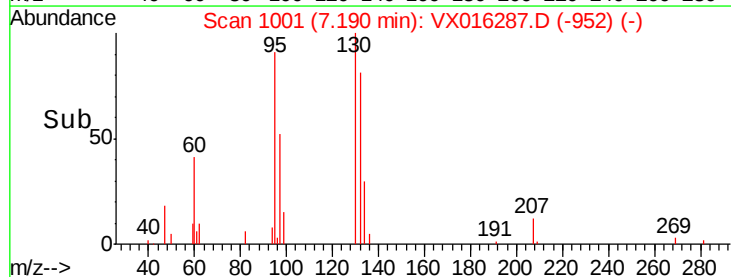
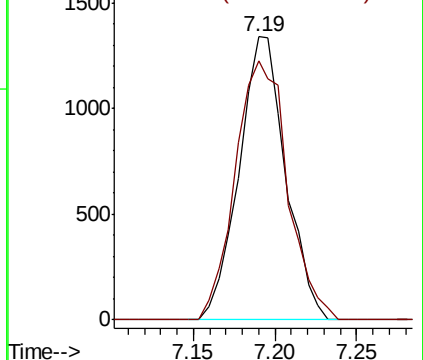
130 100

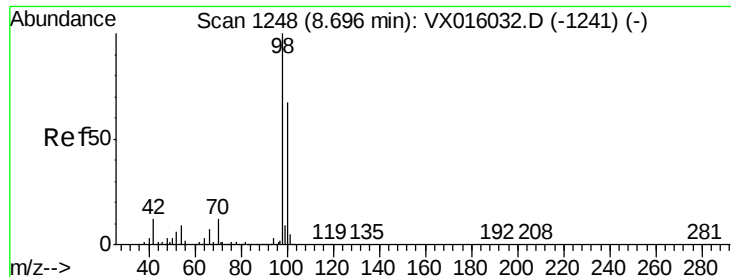
95 91.4 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0





#50

Toluene-d8

Concen: 51.390 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016287.D

Acq: 15 May 2020 17:42

Instrument :

MSVOA_X

ClientSampleId :

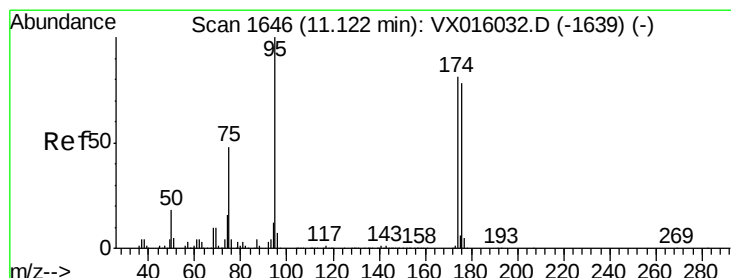
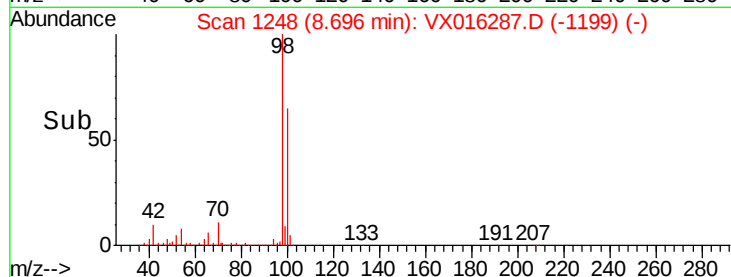
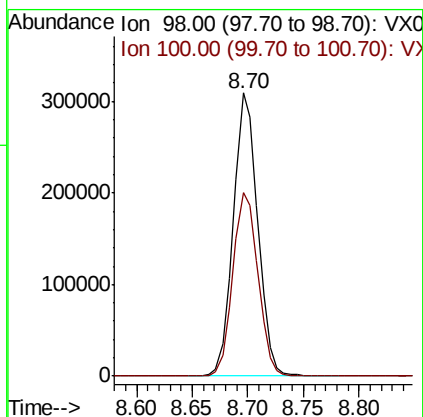
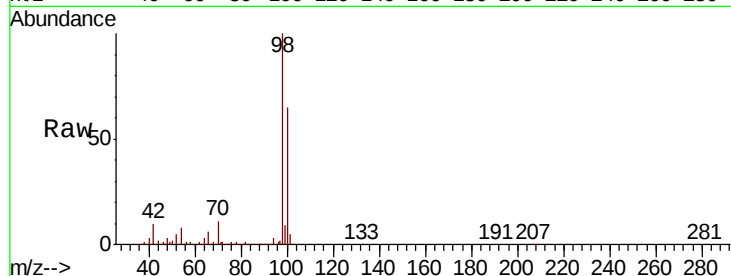
S32-ER-2020-1

Tot Ion: 98 Resp: 468970

Ion Ratio Lower Upper

98 100

100 67.0 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 54.503 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016287.D

Acq: 15 May 2020 17:42

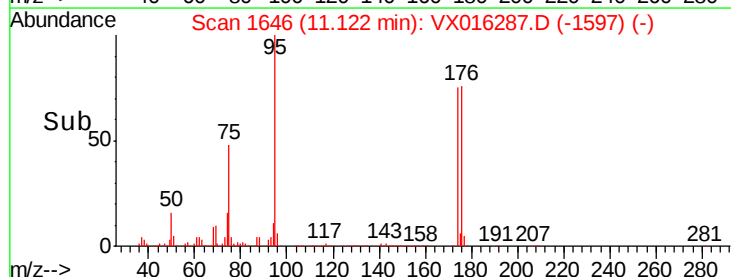
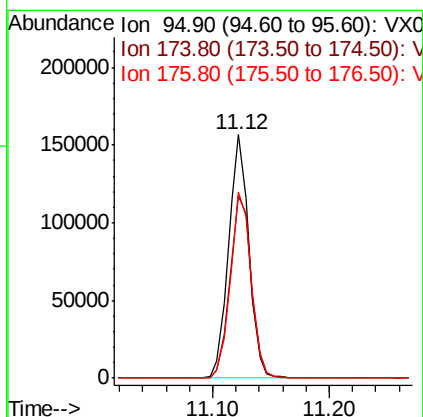
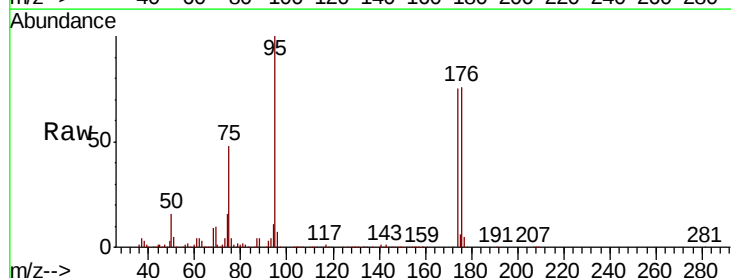
Tgt Ion: 95 Resp: 189179

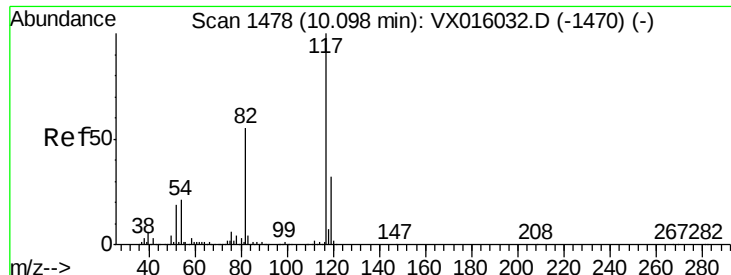
Ion Ratio Lower Upper

95 100

174 78.9 0.0 159.4

176 78.2 0.0 157.6

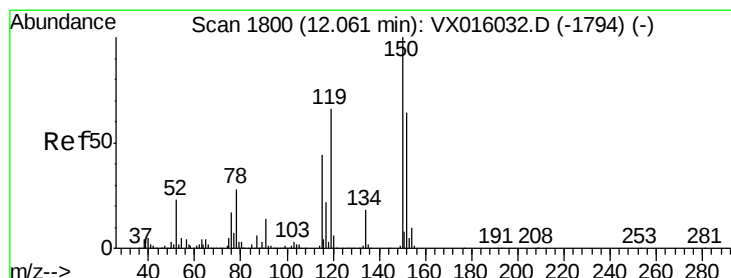
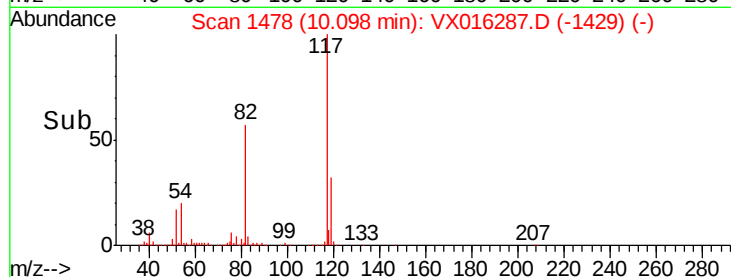
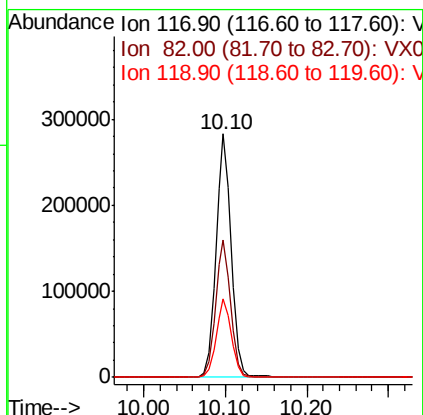
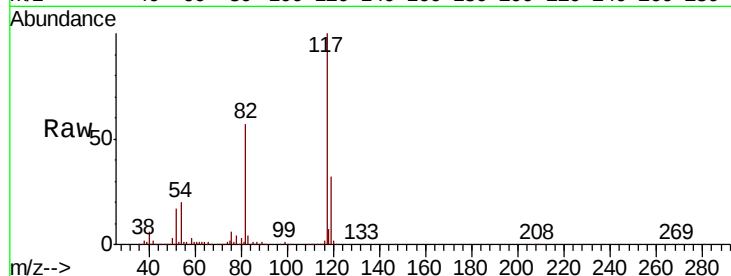




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016287.D
Acq: 15 May 2020 17:42

Instrument :
MSVOA_X
ClientSampleId :
S32-ER-2020-1

Tot Ion	Ratio	Lower	Upper
117	100		
82	56.6	44.4	66.6
119	32.3	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.07 min Scan# 1801
Delta R.T. 0.01 min
Lab File: VX016287.D
Acq: 15 May 2020 17:42

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.1	41.3	124.1
150	159.3	0.0	352.2

