

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061720\
 Data File : VX016833.D
 Acq On : 17 Jun 2020 21:29
 Operator : JC/SP
 Sample : L2984-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 S49-0566

Quant Time: Jun 18 02:08:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 16 02:02:35 2020
 Response via : Initial Calibration

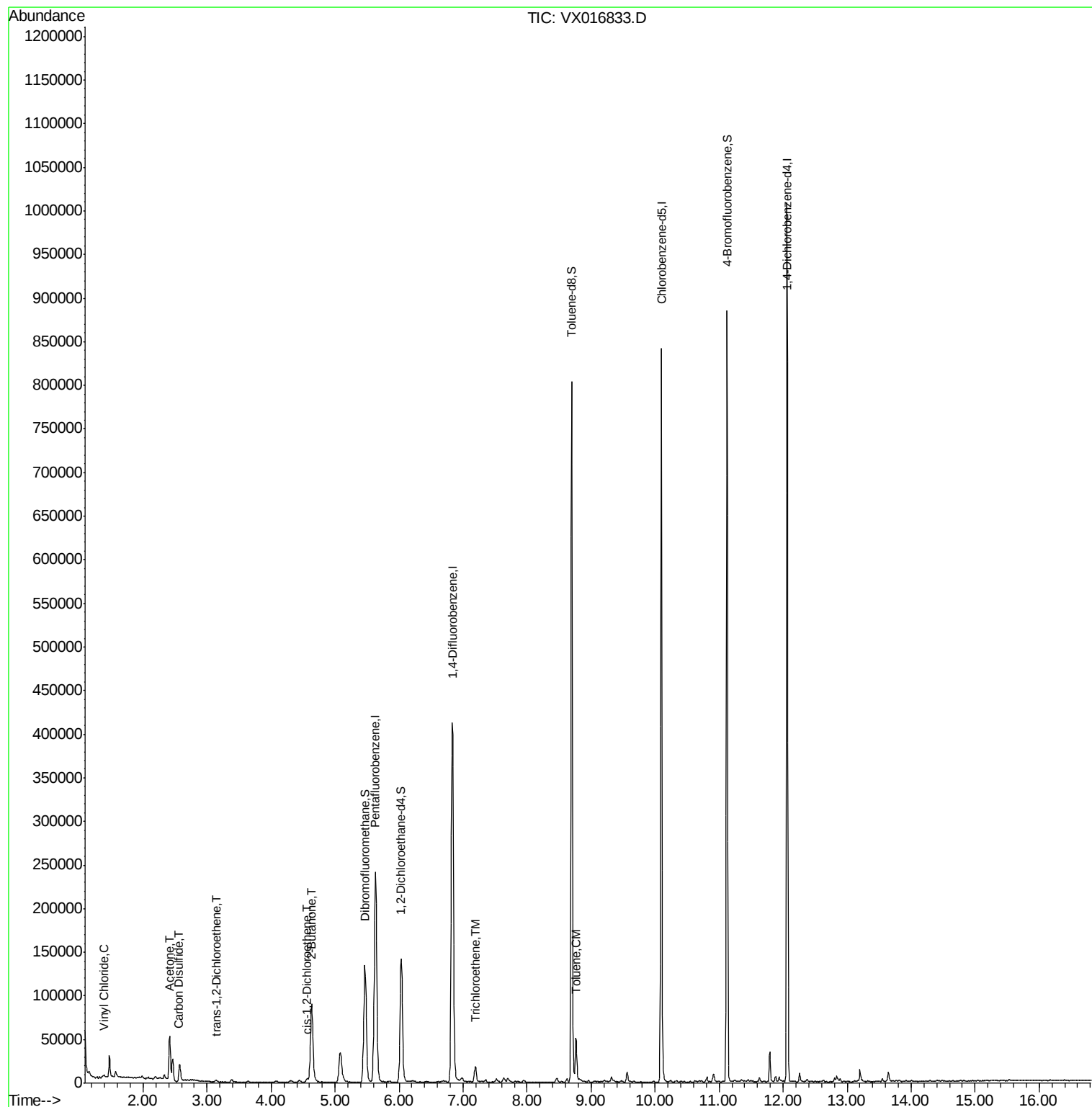
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	242989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	449797	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	397848	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	216110	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	138402	50.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.28%	
35) Dibromofluoromethane	5.47	113	118759	42.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.58%	
50) Toluene-d8	8.70	98	477493	46.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.32%	
62) 4-Bromofluorobenzene	11.12	95	230887	58.99	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.98%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.39	62	1515	0.535	ug/l	92
16) Acetone	2.42	43	50826	40.996	ug/l	100
17) Carbon Disulfide	2.55	76	3646	0.536	ug/l #	79
21) trans-1,2-Dichloroethene	3.15	96	986	0.386	ug/l #	74
25) 2-Butanone	4.64	43	156070	83.528	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	3199	1.097	ug/l	85
44) Trichloroethene	7.20	130	7187	1.920	ug/l	95
52) Toluene	8.76	92	15877	2.020	ug/l	98

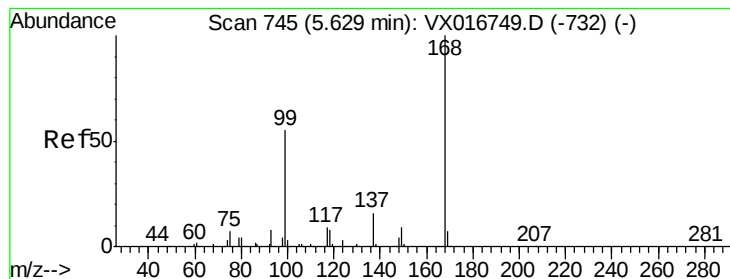
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX061720\
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MSVOA_X
ClientSampleId :
S49-0566

Quant Time: Jun 18 02:08:55 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X061520W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 16 02:02:35 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.64 min Scan# 746

Delta R.T. 0.01 min

Lab File: VX016833.D

Acq: 17 Jun 2020 21:29

Instrument :

MSVOA_X

ClientSampleId :

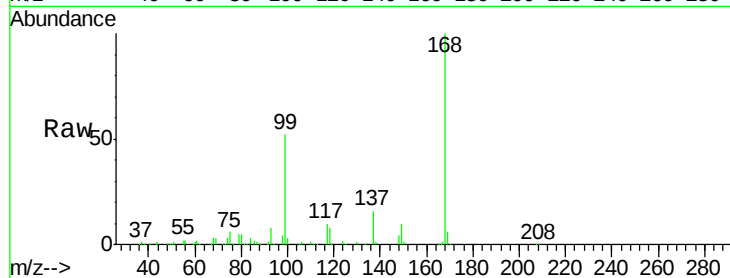
S49-0566

Tot Ion:168 Resp: 242989

Ion Ratio Lower Upper

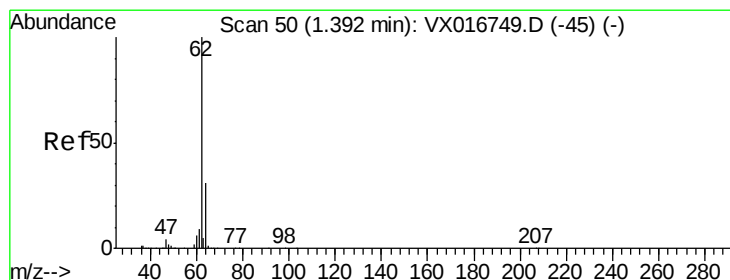
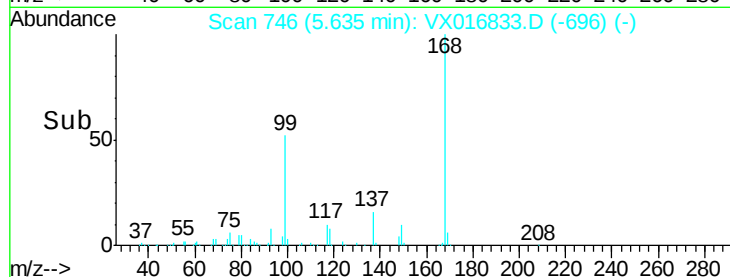
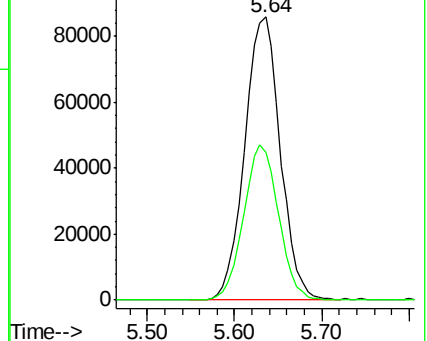
168 100

99 52.4 43.8 65.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#4

Vinyl Chloride

Concen: 0.535 ug/l

RT: 1.39 min Scan# 50

Delta R.T. 0.00 min

Lab File: VX016833.D

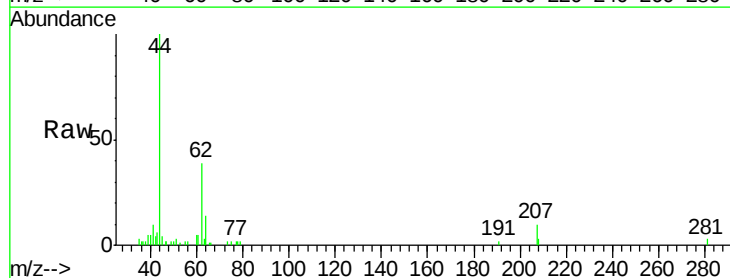
Acq: 17 Jun 2020 21:29

Tgt Ion: 62 Resp: 1515

Ion Ratio Lower Upper

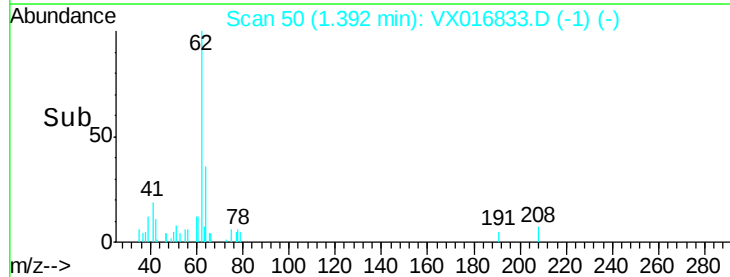
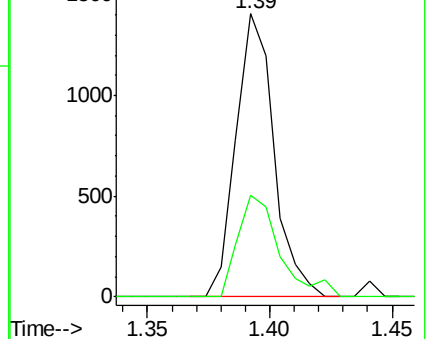
62 100

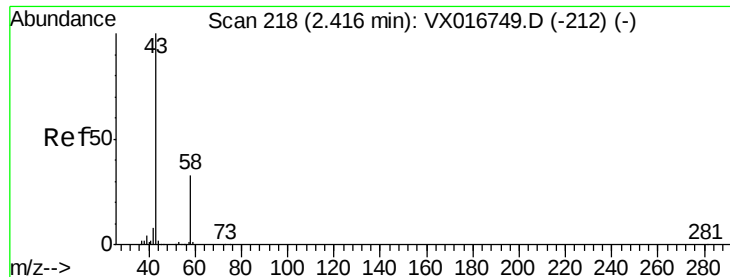
64 35.9 25.1 37.7



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0





#16

Acetone

Concen: 40.996 ug/l

RT: 2.42 min Scan# 218

Delta R.T. 0.00 min

Lab File: VX016833.D

Acq: 17 Jun 2020 21:29

Instrument :

MSVOA_X

ClientSampleId :

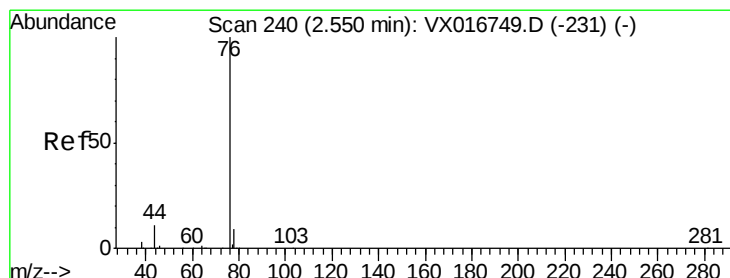
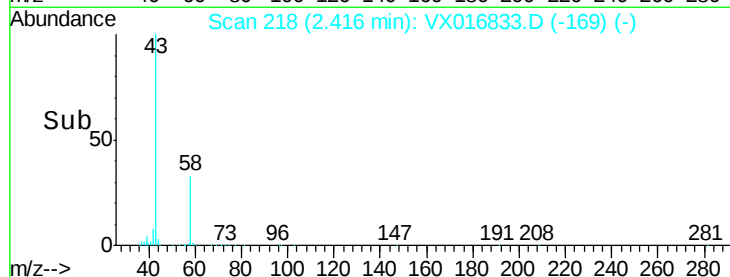
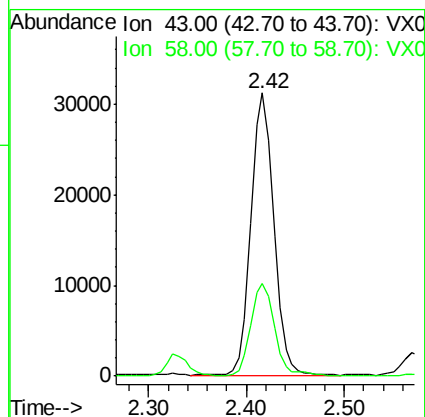
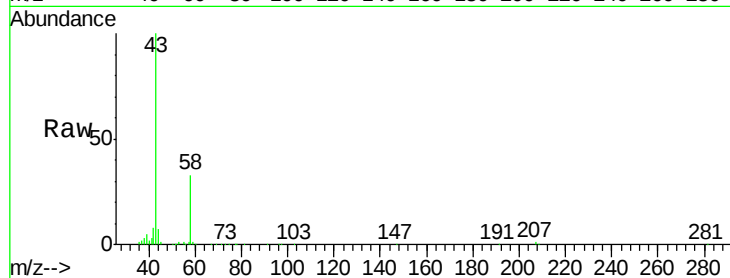
S49-0566

Tot Ion: 43 Resp: 50826

Ion Ratio Lower Upper

43 100

58 32.8 26.3 39.5



#17

Carbon Disulfide

Concen: 0.536 ug/l

RT: 2.55 min Scan# 240

Delta R.T. 0.00 min

Lab File: VX016833.D

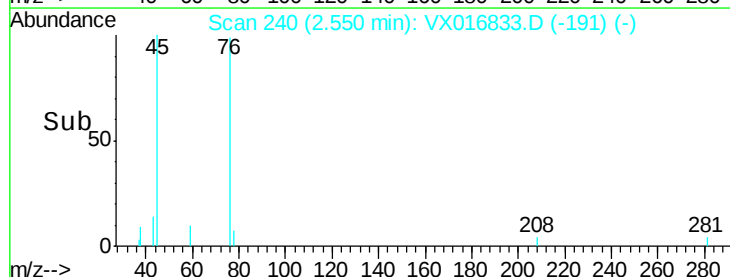
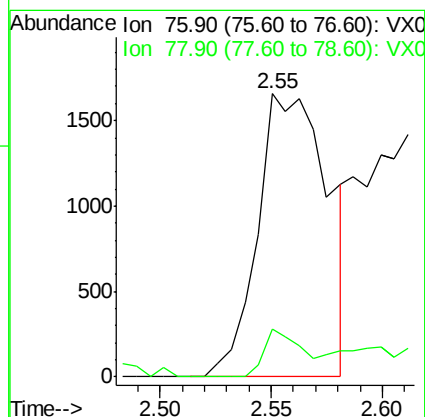
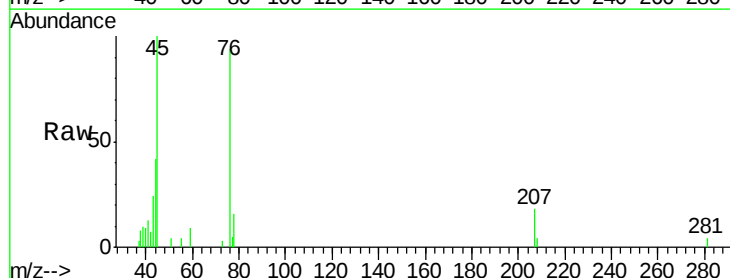
Acq: 17 Jun 2020 21:29

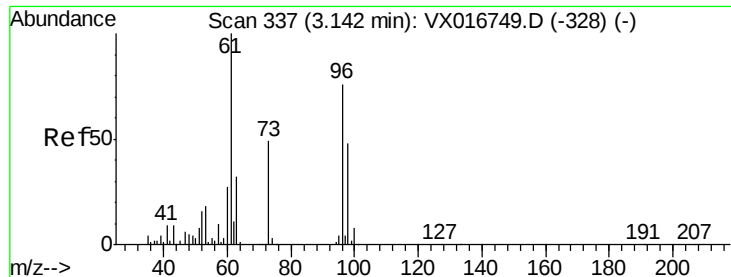
Tgt Ion: 76 Resp: 3646

Ion Ratio Lower Upper

76 100

78 16.7 7.3 10.9#

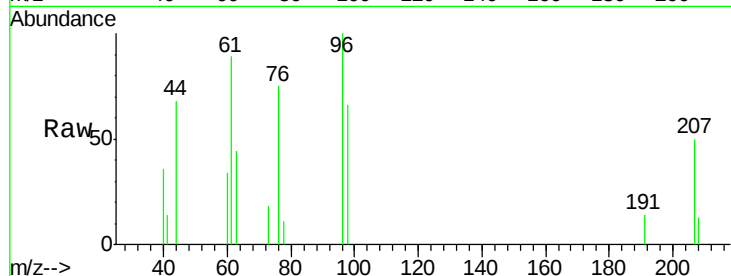




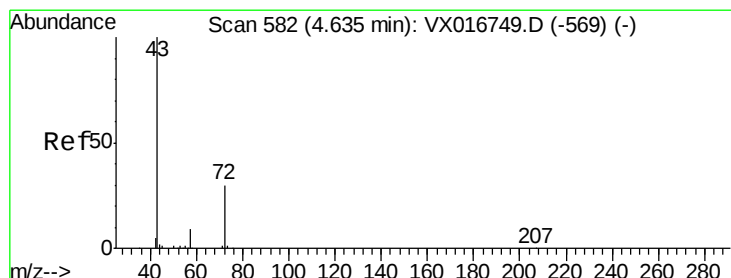
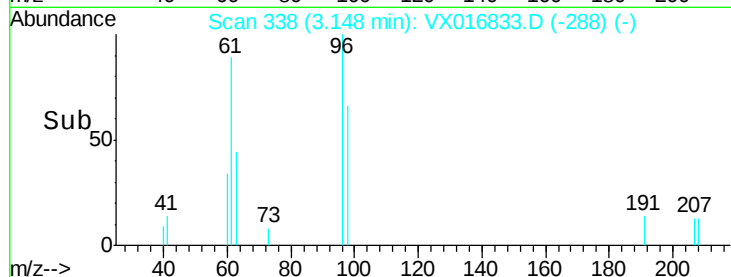
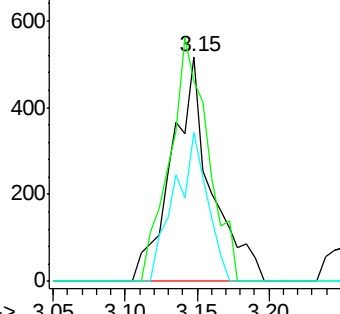
#21
trans-1,2-Dichloroethene
Concen: 0.386 ug/l
RT: 3.15 min Scan# 338
Delta R.T. 0.01 min
Lab File: VX016833.D
Acq: 17 Jun 2020 21:29

Instrument :
MSVOA_X
ClientSampleId :
S49-0566

Tot Ion: 96 Resp: 986
Ion Ratio Lower Upper
96 100
61 89.0 105.4 158.2#
98 66.2 50.8 76.2

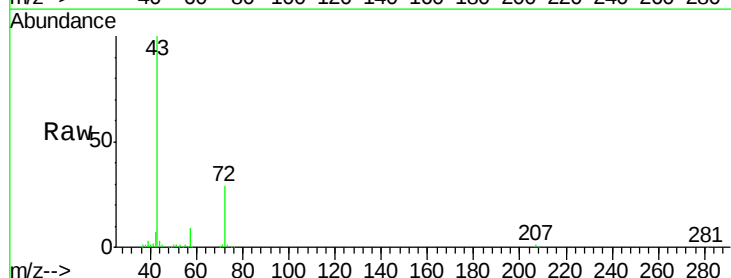


Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0

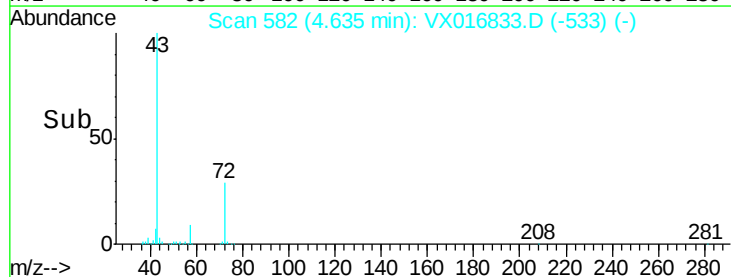
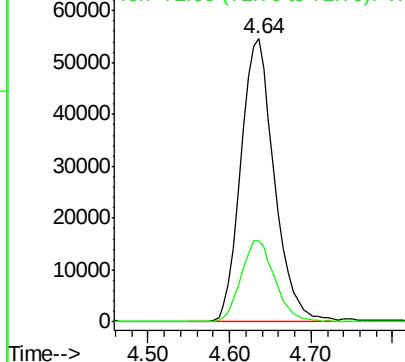


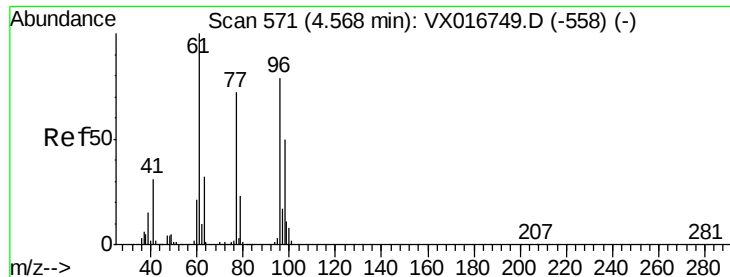
#25
2-Butanone
Concen: 83.528 ug/l
RT: 4.64 min Scan# 582
Delta R.T. 0.00 min
Lab File: VX016833.D
Acq: 17 Jun 2020 21:29

Tgt Ion: 43 Resp: 156070
Ion Ratio Lower Upper
43 100
72 28.9 24.2 36.4



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 72.00 (71.70 to 72.70): VX0



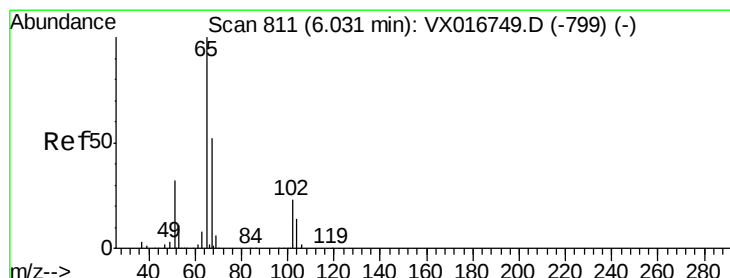
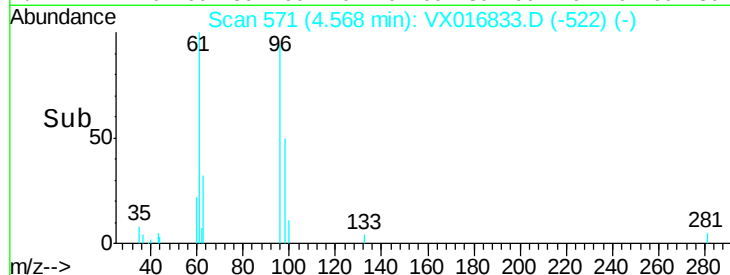
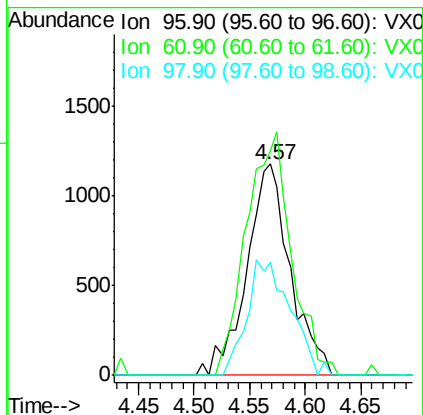
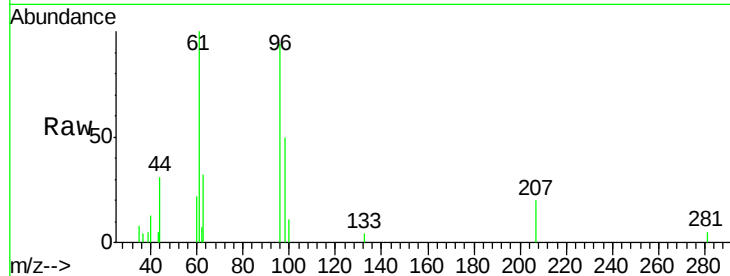


#27

cis-1,2-Dichloroethene
Concen: 1.097 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.00 min
Lab File: VX016833.D
Acq: 17 Jun 2020 21:29

Instrument :
MSVOA_X
ClientSampleId :
S49-0566

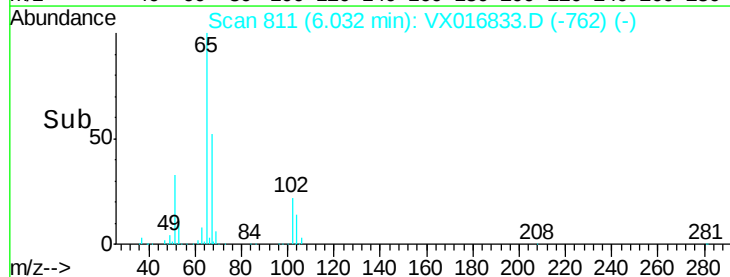
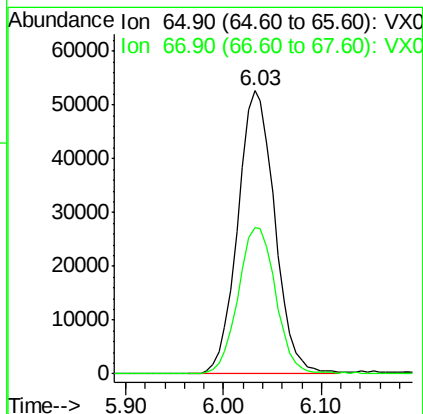
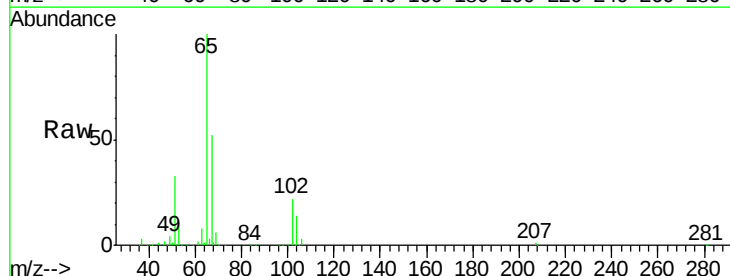
Tot Ion: 96 Resp: 3199
Ion Ratio Lower Upper
96 100
61 119.5 0.0 276.2
98 54.4 0.0 130.0

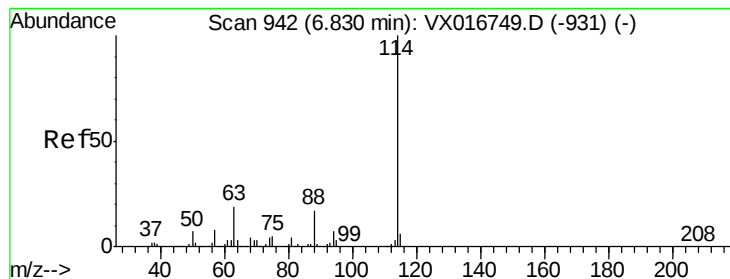


#33

1,2-Dichloroethane-d4
Concen: 50.640 ug/l
RT: 6.03 min Scan# 811
Delta R.T. 0.00 min
Lab File: VX016833.D
Acq: 17 Jun 2020 21:29

Tgt Ion: 65 Resp: 138402
Ion Ratio Lower Upper
65 100
67 52.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.83 min Scan# 942

Delta R.T. 0.00 min

Lab File: VX016833.D

Acq: 17 Jun 2020 21:29

Instrument :

MSVOA_X

ClientSampleId :

S49-0566

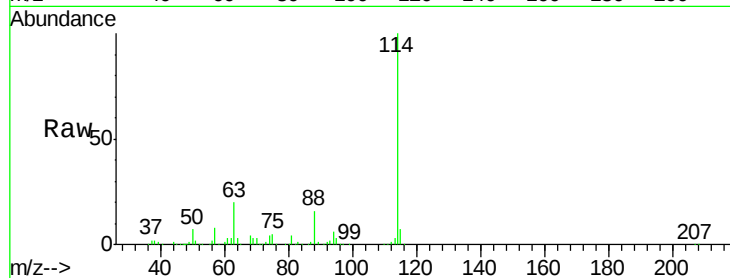
Tot Ion:114 Resp: 449797

Ion Ratio Lower Upper

114 100

63 19.7 0.0 38.8

88 15.7 0.0 33.4



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

250000

200000

150000

100000

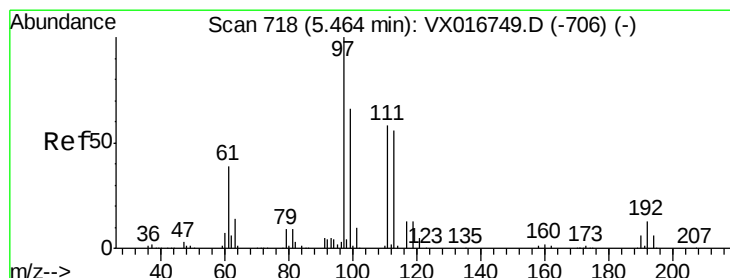
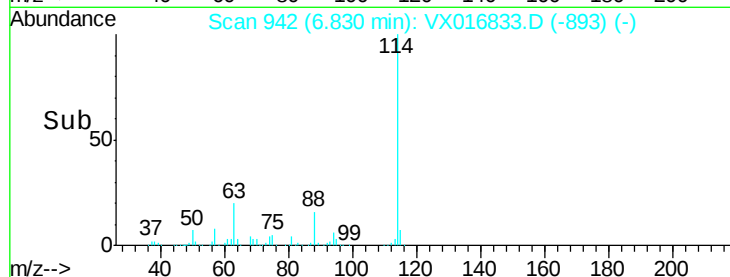
50000

0

6.83

6.80 6.85 6.90

Time-->



#35

Dibromofluoromethane

Concen: 42.793 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016833.D

Acq: 17 Jun 2020 21:29

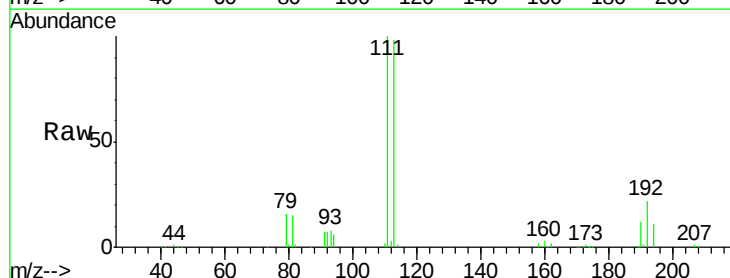
Tgt Ion:113 Resp: 118759

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.6

192 22.8 18.2 27.4



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

50000

40000

30000

20000

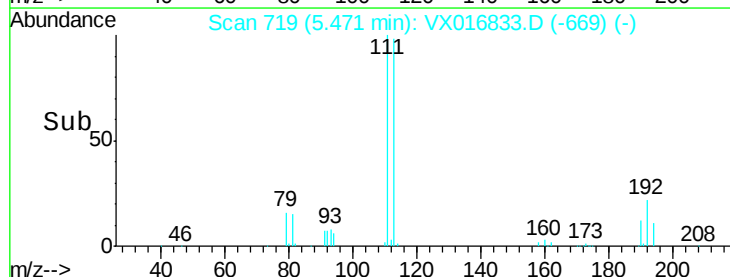
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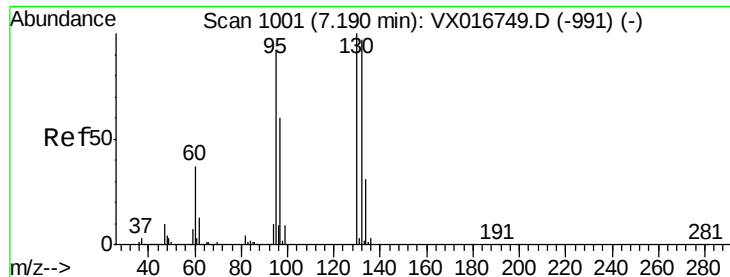
0

5.47

5.30 5.40 5.50 5.60

Time-->





#44

Trichloroethene

Concen: 1.920 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX016833.D

Acq: 17 Jun 2020 21:29

Instrument :

MSVOA_X

ClientSampleId :

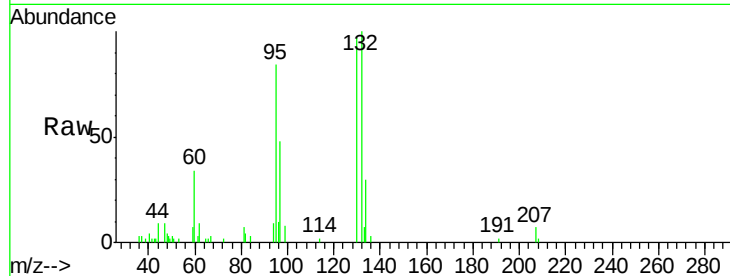
S49-0566

Tot Ion:130 Resp: 7187

Ion Ratio Lower Upper

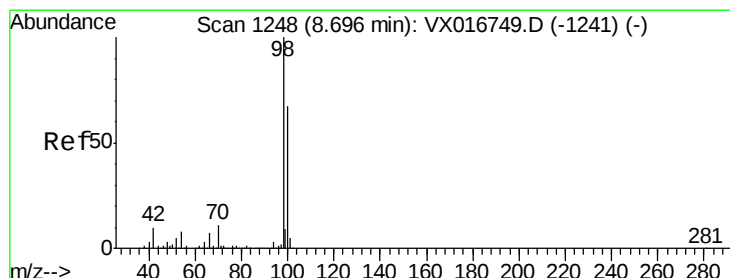
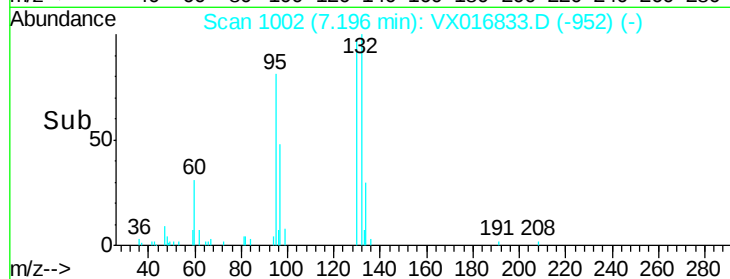
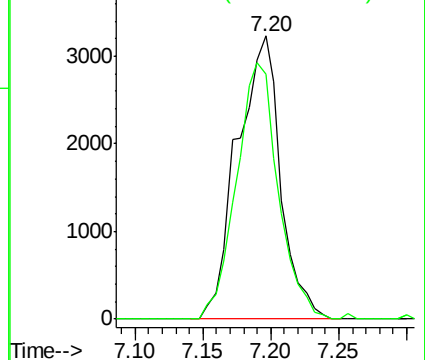
130 100

95 86.6 0.0 183.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 46.663 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. 0.00 min

Lab File: VX016833.D

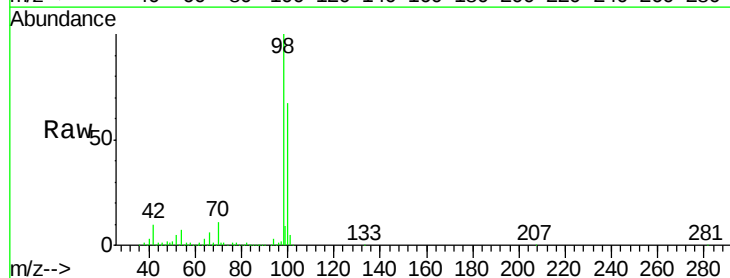
Acq: 17 Jun 2020 21:29

Tgt Ion: 98 Resp: 477493

Ion Ratio Lower Upper

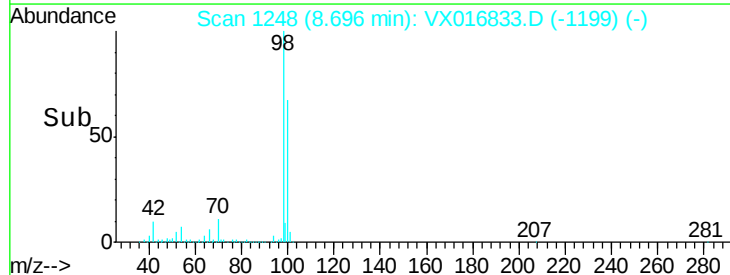
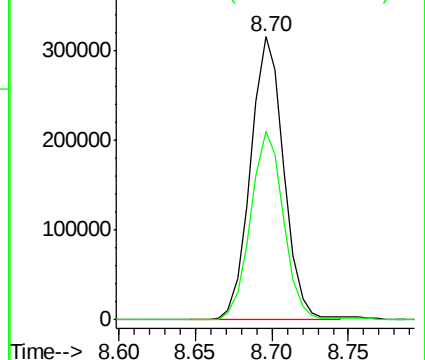
98 100

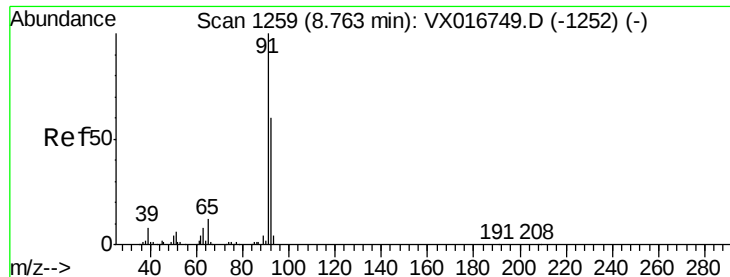
100 66.0 53.9 80.9



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 2.020 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. 0.00 min

Lab File: VX016833.D

Acq: 17 Jun 2020 21:29

Instrument :

MSVOA_X

ClientSampleId :

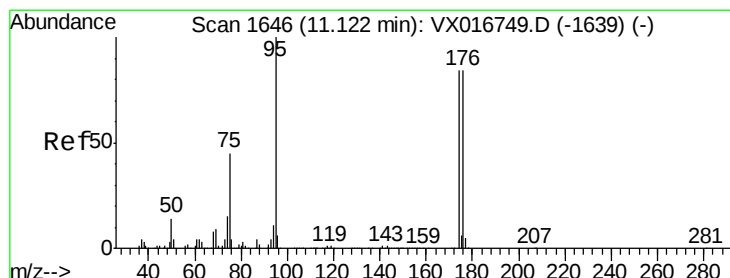
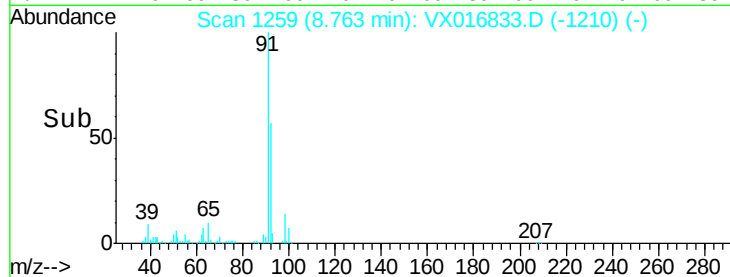
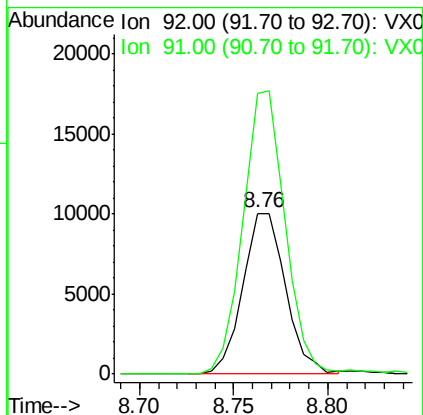
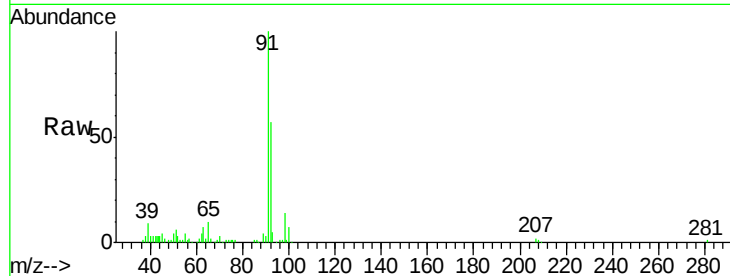
S49-0566

Tot Ion: 92 Resp: 15877

Ion Ratio Lower Upper

92 100

91 172.4 136.1 204.1



#62

4-Bromofluorobenzene

Concen: 58.989 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.00 min

Lab File: VX016833.D

Acq: 17 Jun 2020 21:29

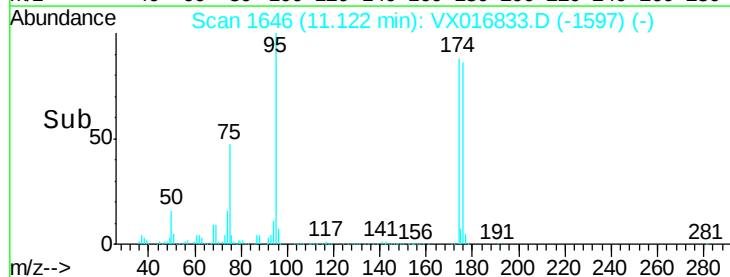
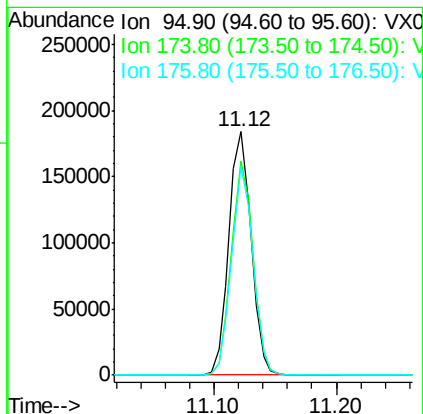
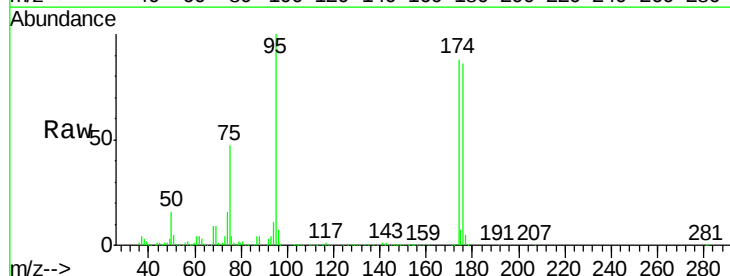
Tgt Ion: 95 Resp: 230887

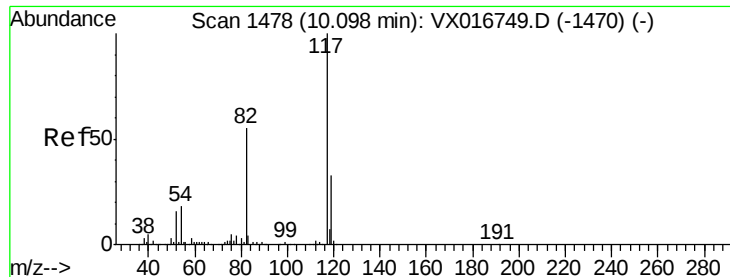
Ion Ratio Lower Upper

95 100

174 86.3 0.0 171.0

176 83.3 0.0 166.2

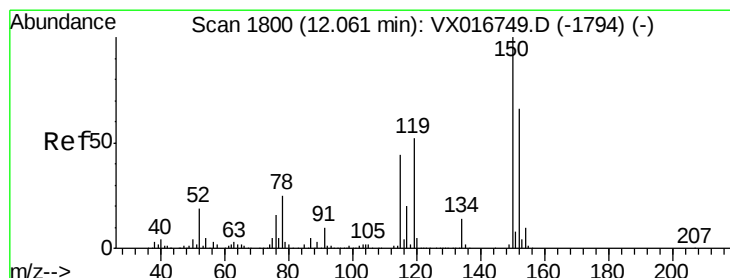
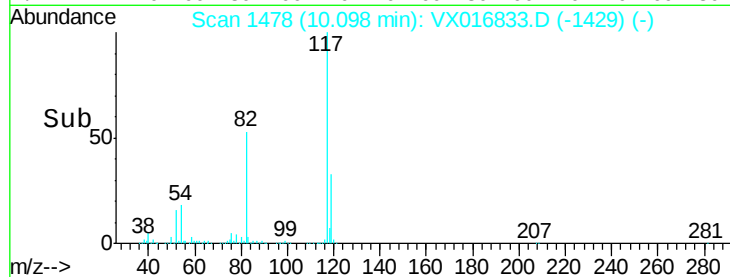
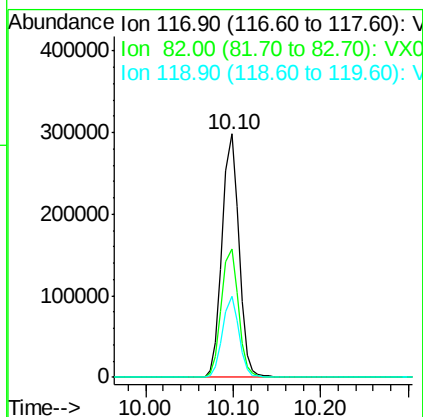
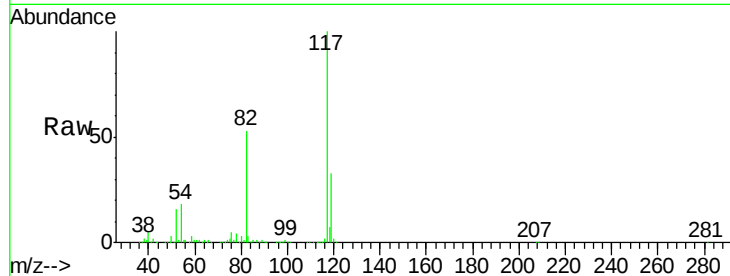




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. 0.00 min
Lab File: VX016833.D
Acq: 17 Jun 2020 21:29

Instrument :
MSVOA_X
ClientSampleId :
S49-0566

Tot Ion:117 Resp: 397848
Ion Ratio Lower Upper
117 100
82 52.7 43.8 65.6
119 33.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.06 min Scan# 1800
Delta R.T. 0.00 min
Lab File: VX016833.D
Acq: 17 Jun 2020 21:29

Tgt Ion:152 Resp: 216110
Ion Ratio Lower Upper
152 100
115 56.5 40.3 120.8
150 153.4 0.0 337.4

