

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
 Data File : VX016565.D
 Acq On : 03 Jun 2020 14:49
 Operator : JC/SP
 Sample : L2867-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-CHY02

Quant Time: Jun 04 09:00:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

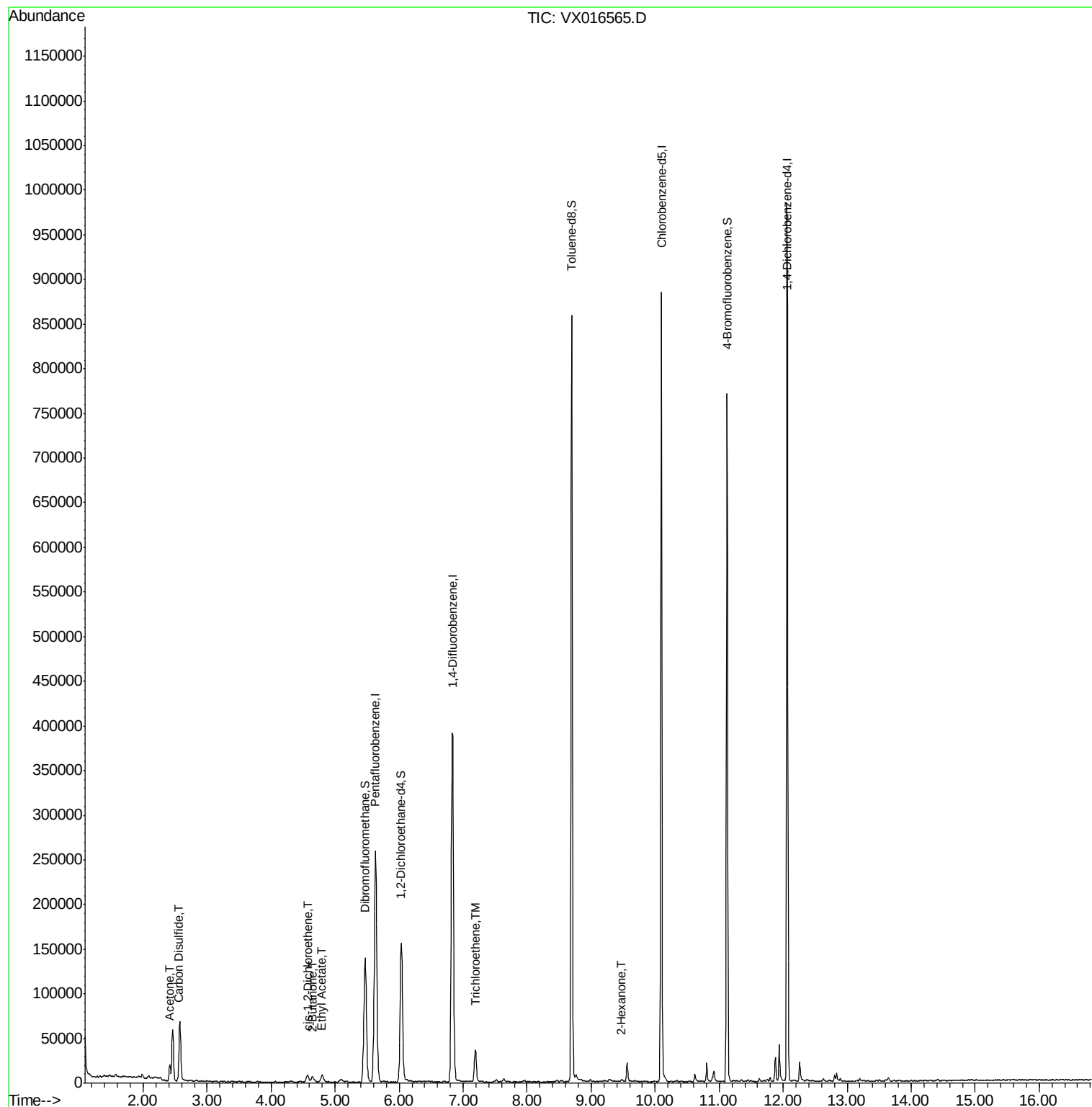
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	252462	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	410410	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	409087	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	206499	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.03	65	150112	47.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.76%	
35) Dibromofluoromethane	5.47	113	121951	48.26	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.52%	
50) Toluene-d8	8.70	98	506180	51.46	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.92%	
62) 4-Bromofluorobenzene	11.12	95	202977	53.41	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.82%	
Target Compounds						
16) Acetone	2.42	43	20088	14.624	ug/l	92
17) Carbon Disulfide	2.56	76	8168	1.132	ug/l #	94
25) 2-Butanone	4.64	43	5584	2.399	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	5458	1.756	ug/l	83
37) Ethyl Acetate	4.79	43	13854	2.970	ug/l	98
44) Trichloroethene	7.19	130	13684	3.727	ug/l	83
59) 2-Hexanone	9.48	43	1644	0.467	ug/l	94

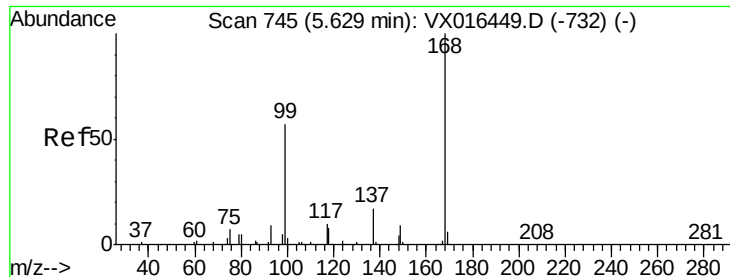
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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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: VX016565.D

Acq: 03 Jun 2020 14:49

Instrument :

MSVOA_X

ClientSampleId :

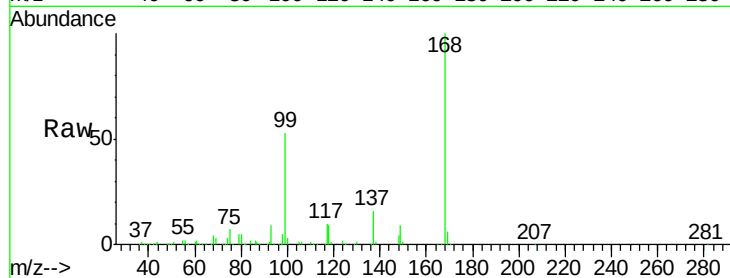
SP20-CHY02

Tot Ion:168 Resp: 252462

Ion Ratio Lower Upper

168 100

99 53.5 45.2 67.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.64

80000

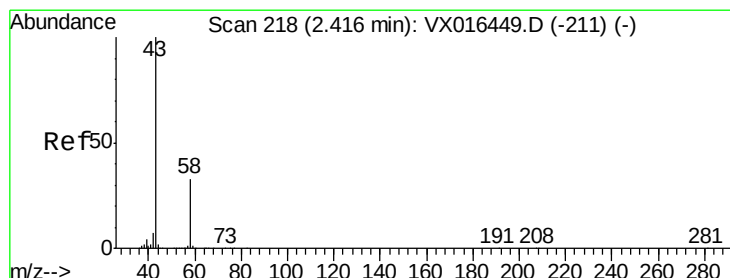
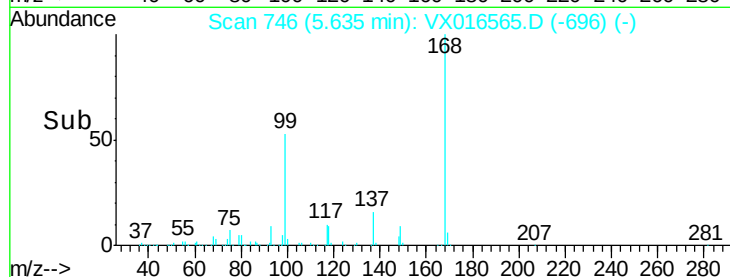
60000

40000

20000

0

Time--> 5.50 5.60 5.70



#16

Acetone

Concen: 14.624 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016565.D

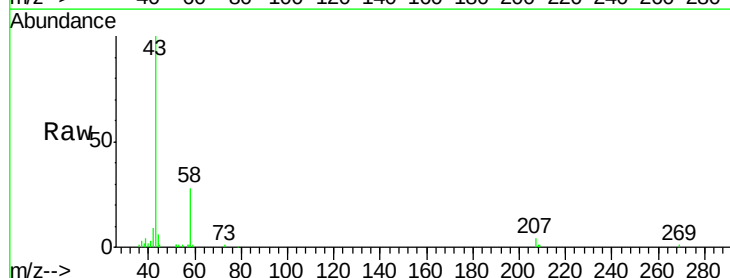
Acq: 03 Jun 2020 14:49

Tgt Ion: 43 Resp: 20088

Ion Ratio Lower Upper

43 100

58 28.3 26.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

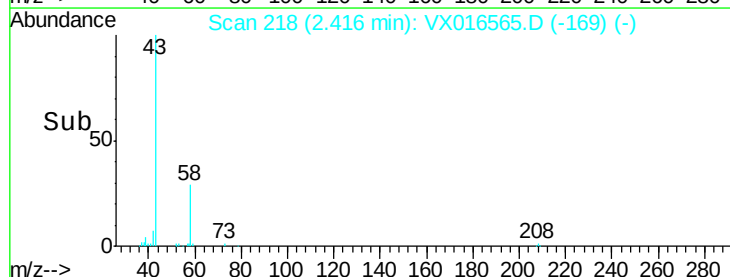
2.42

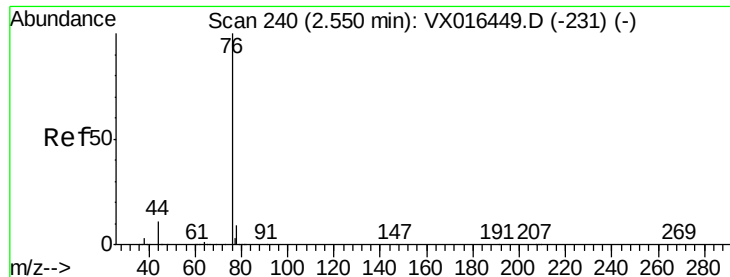
10000

5000

0

Time--> 2.30 2.40 2.50





#17

Carbon Disulfide

Concen: 1.132 ug/l

RT: 2.56 min Scan# 241

Delta R.T. 0.01 min

Lab File: VX016565.D

Acq: 03 Jun 2020 14:49

Instrument :

MSVOA_X

ClientSampleId :

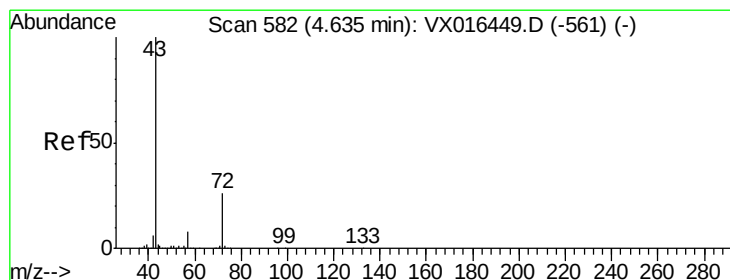
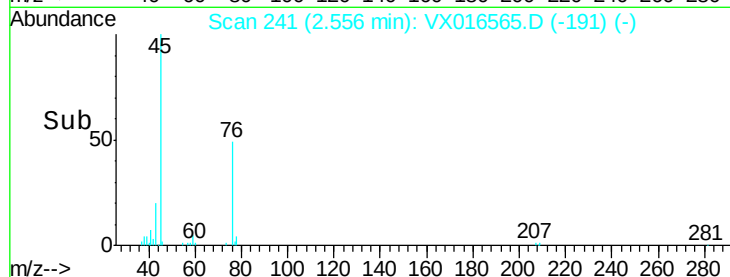
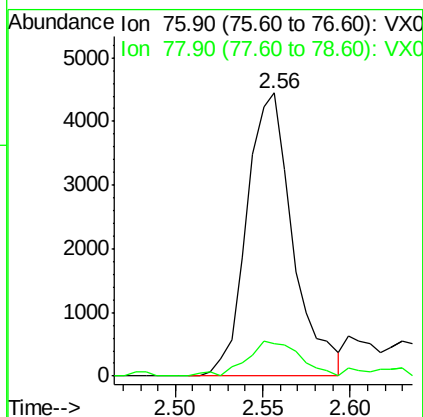
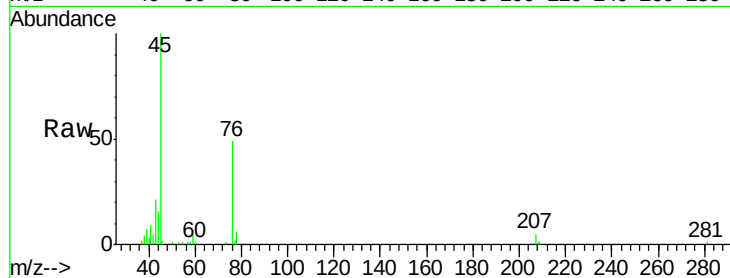
SP20-CHY02

Tot Ion: 76 Resp: 8168

Ion Ratio Lower Upper

76 100

78 11.4 7.4 11.0#



#25

2-Butanone

Concen: 2.399 ug/l

RT: 4.64 min Scan# 583

Delta R.T. 0.01 min

Lab File: VX016565.D

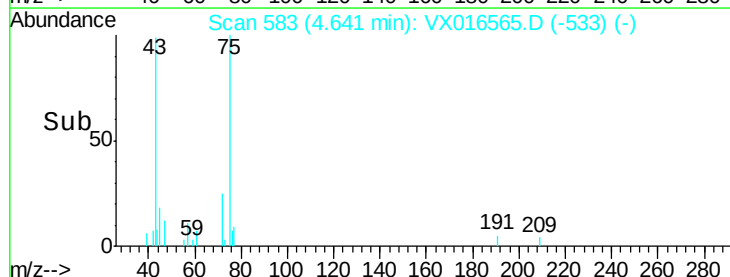
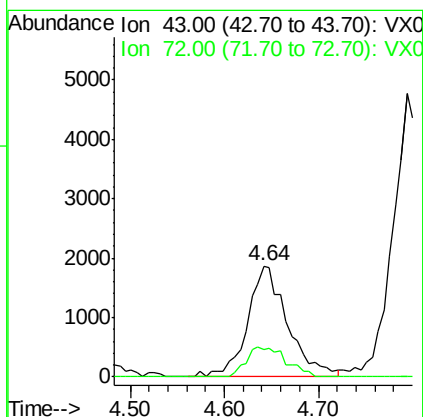
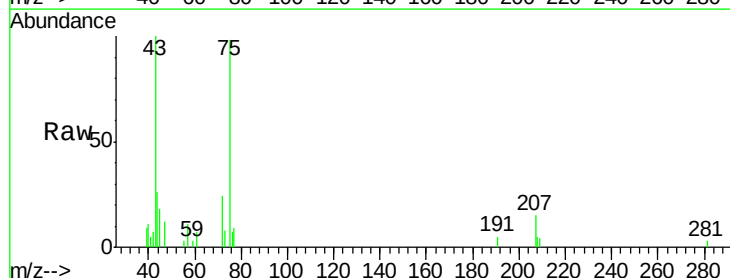
Acq: 03 Jun 2020 14:49

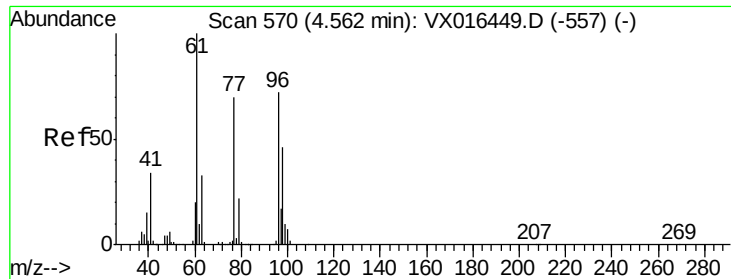
Tgt Ion: 43 Resp: 5584

Ion Ratio Lower Upper

43 100

72 24.5 21.0 31.6



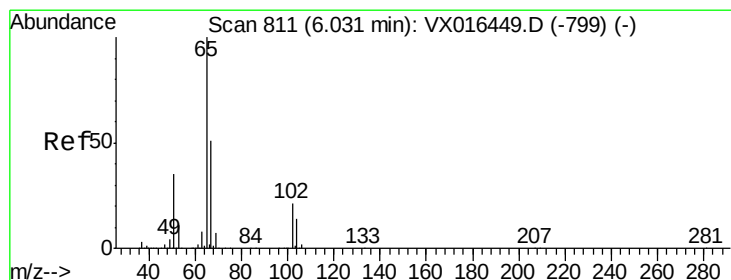
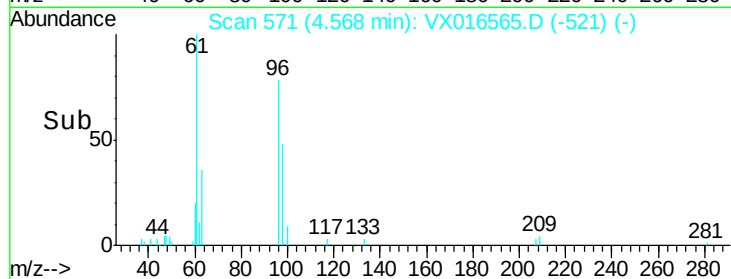
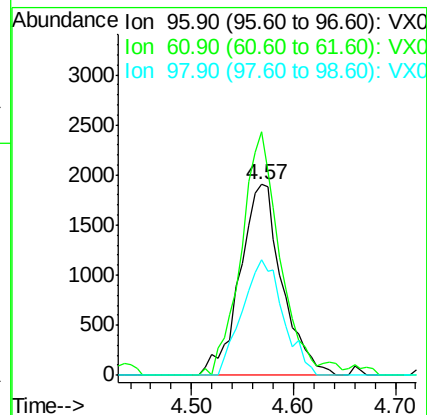
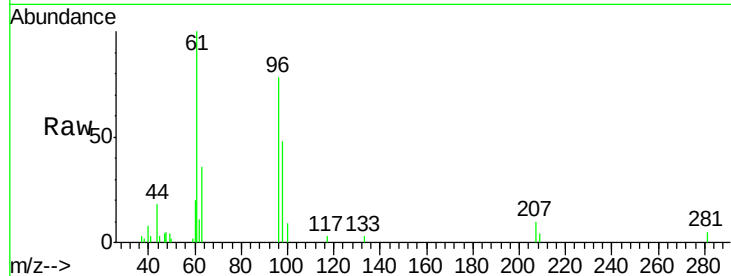


#27

cis-1,2-Dichloroethene
 Concen: 1.756 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. 0.01 min
 Lab File: VX016565.D
 Acq: 03 Jun 2020 14:49

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-CHY02

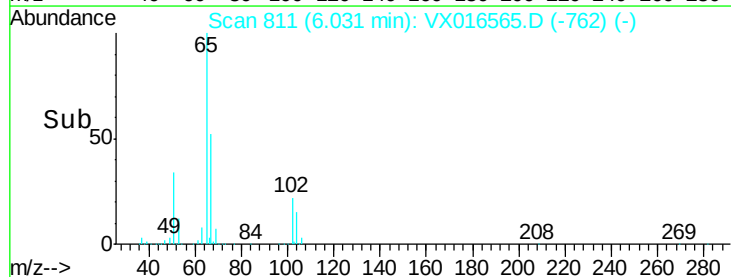
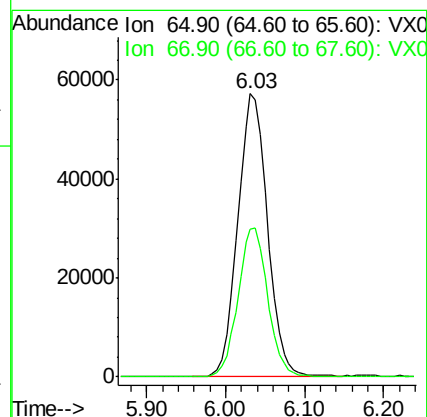
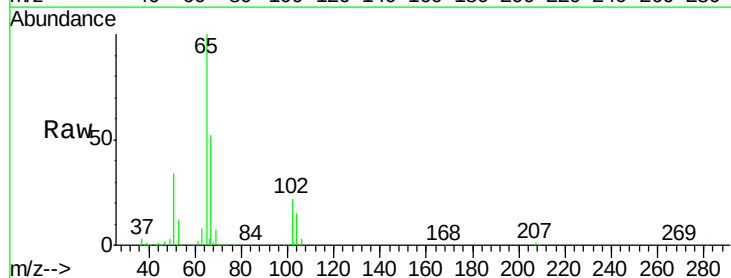
Tot Ion	96	Resp	5458
Ion	Ratio	Lower	Upper
96	100		
61	115.7	0.0	284.6
98	58.8	0.0	127.2

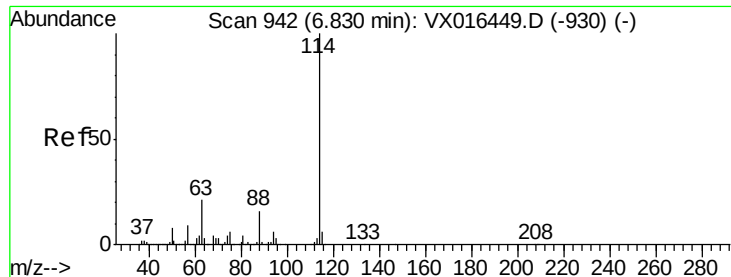


#33

1,2-Dichloroethane-d4
 Concen: 47.879 ug/l
 RT: 6.03 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: VX016565.D
 Acq: 03 Jun 2020 14:49

Tgt Ion	65	Resp	150112
Ion	Ratio	Lower	Upper
65	100		
67	52.5	0.0	104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016565.D

Acq: 03 Jun 2020 14:49

Instrument :

MSVOA_X

ClientSampleId :

SP20-CHY02

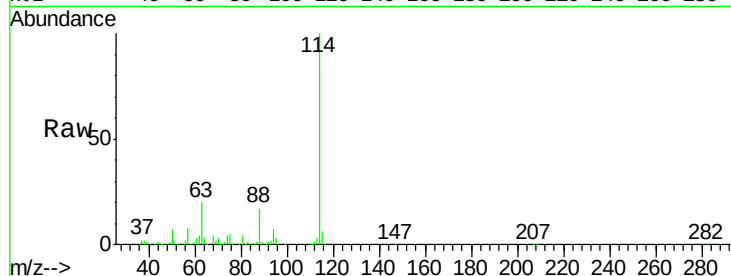
Tot Ion:114 Resp: 410410

Ion Ratio Lower Upper

114 100

63 20.0 0.0 42.6

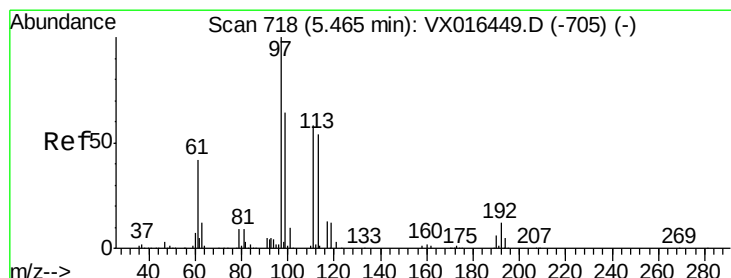
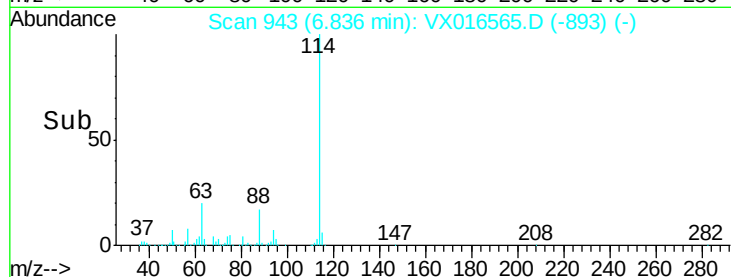
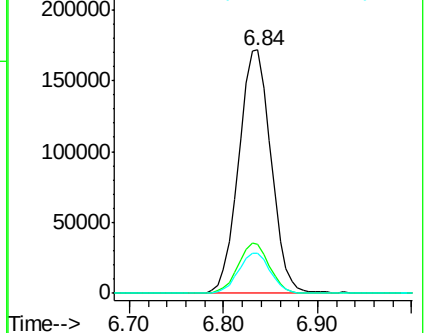
88 16.7 0.0 32.8



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: 48.258 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016565.D

Acq: 03 Jun 2020 14:49

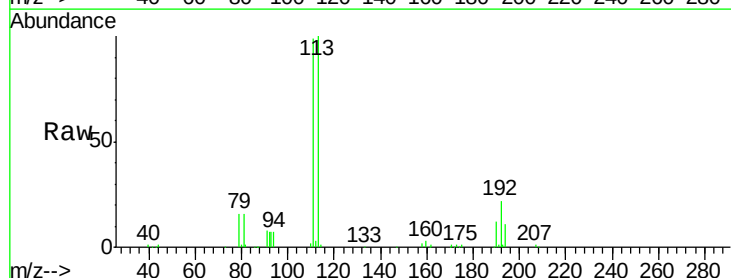
Tgt Ion:113 Resp: 121951

Ion Ratio Lower Upper

113 100

111 102.1 83.0 124.6

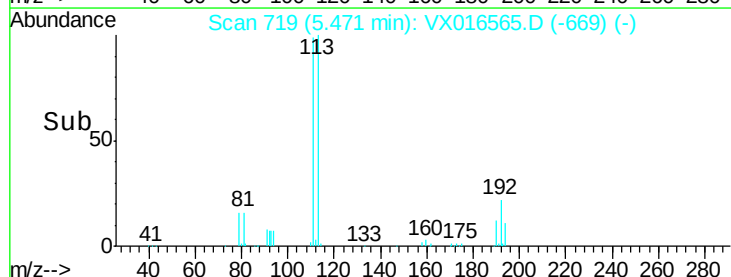
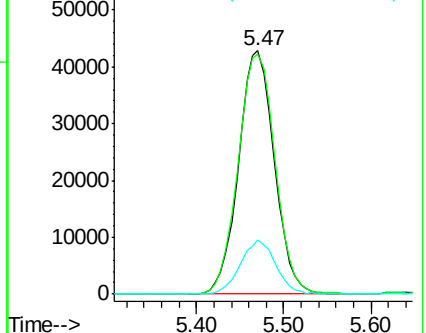
192 21.8 17.7 26.5

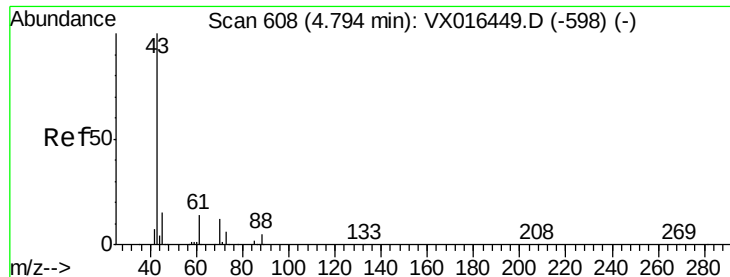


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

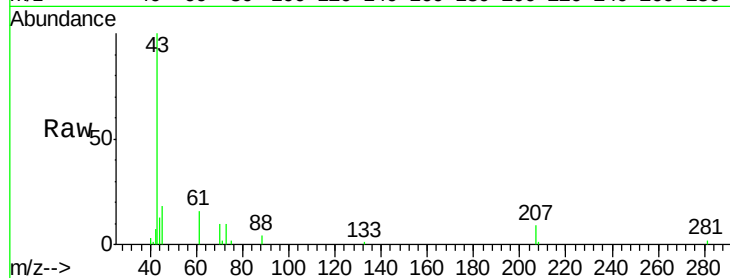




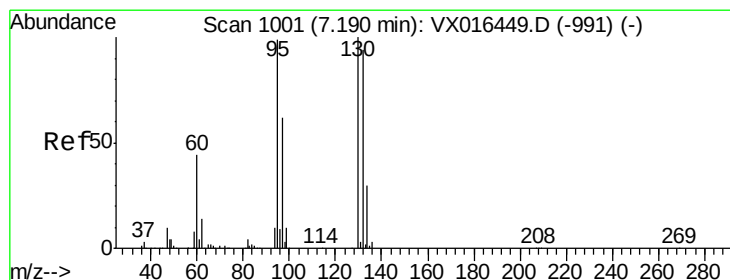
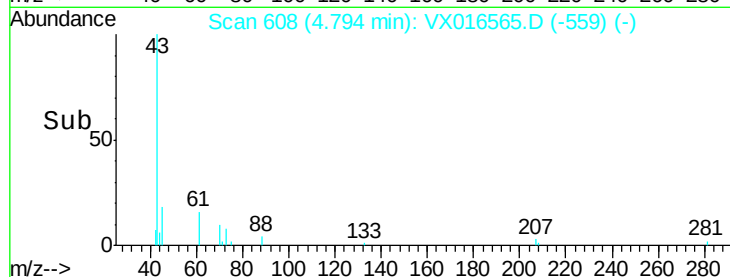
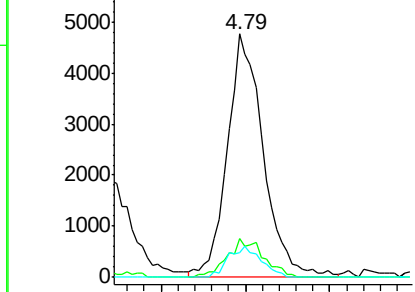
#37
Ethyl Acetate
Concen: 2.970 ug/l
RT: 4.79 min Scan# 608
Delta R.T. -0.00 min
Lab File: VX016565.D
Acq: 03 Jun 2020 14:49

Instrument :
MSVOA_X
ClientSampleId :
SP20-CHY02

Tot Ion: 43 Resp: 13854
Ion Ratio Lower Upper
43 100
61 15.9 11.3 16.9
70 11.6 9.3 13.9

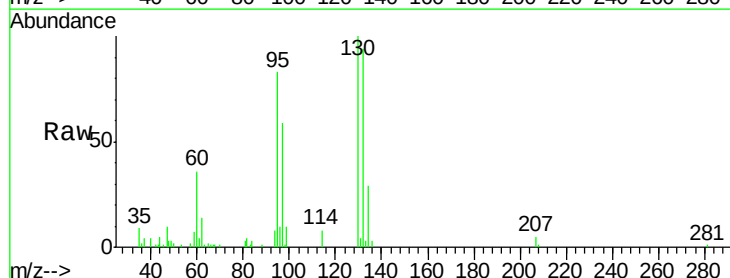


Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 70.00 (69.70 to 70.70): VX0

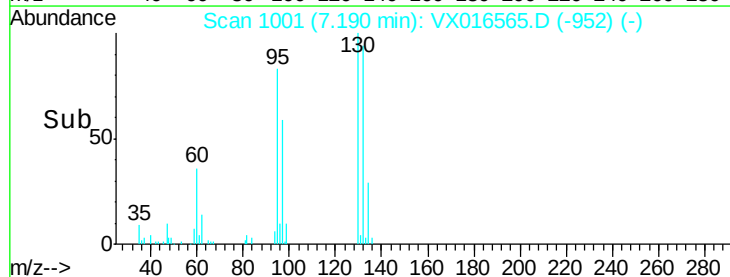
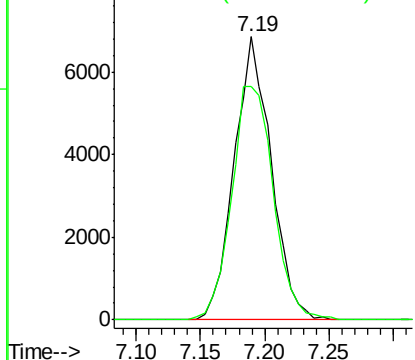


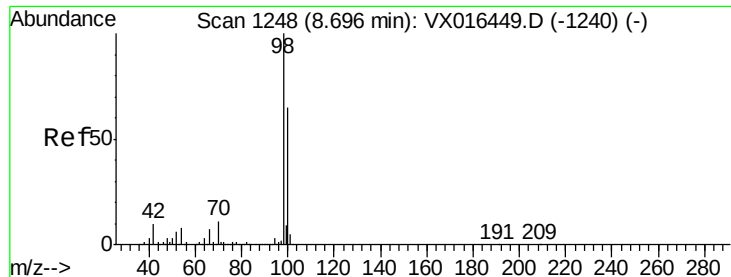
#44
Trichloroethene
Concen: 3.727 ug/l
RT: 7.19 min Scan# 1001
Delta R.T. -0.00 min
Lab File: VX016565.D
Acq: 03 Jun 2020 14:49

Tgt Ion: 130 Resp: 13684
Ion Ratio Lower Upper
130 100
95 82.7 0.0 198.2



Abundance Ion 129.80 (129.50 to 130.50): V
Ion 94.90 (94.60 to 95.60): VX0

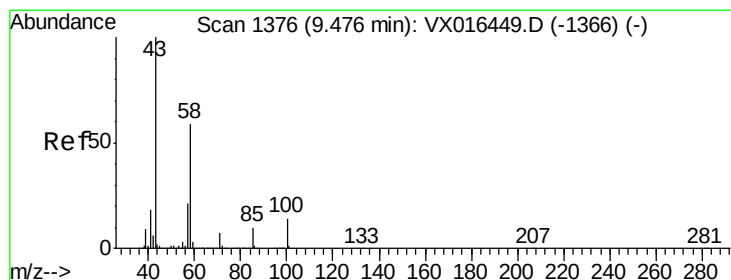
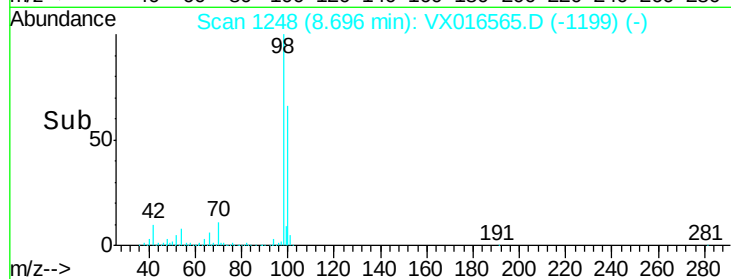
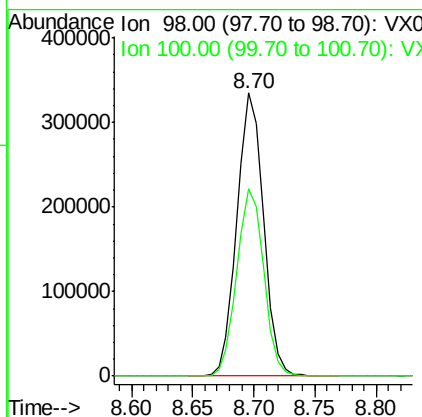
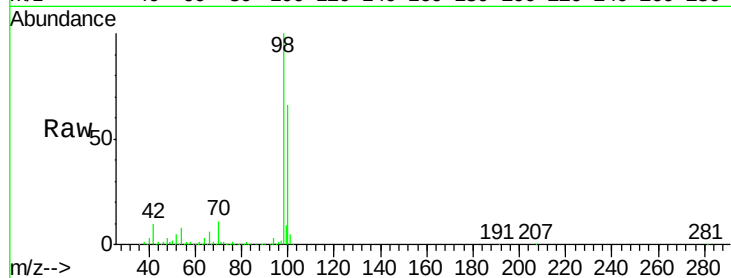




#50
Toluene-d8
Concen: 51.462 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX016565.D
Acq: 03 Jun 2020 14:49

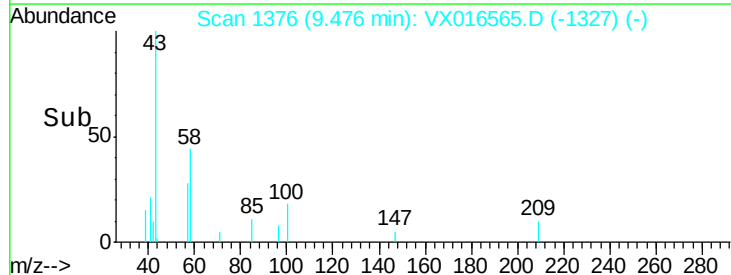
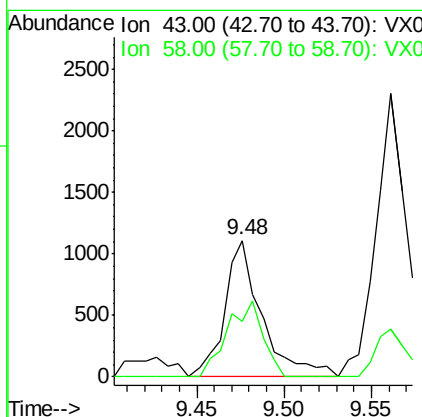
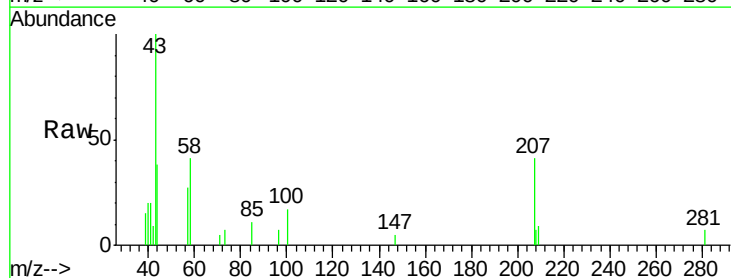
Instrument :
MSVOA_X
ClientSampleId :
SP20-CHY02

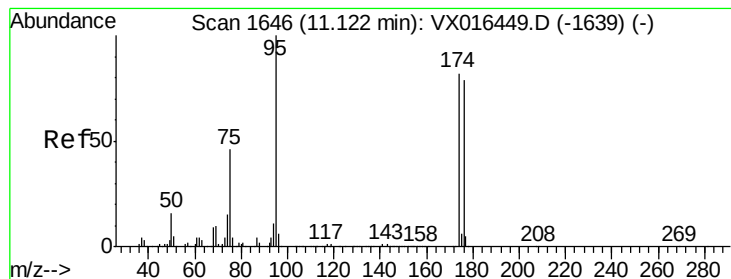
Tot Ion: 98 Resp: 506180
Ion Ratio Lower Upper
98 100
100 67.0 53.8 80.6



#59
2-Hexanone
Concen: 0.467 ug/l
RT: 9.48 min Scan# 1376
Delta R.T. -0.00 min
Lab File: VX016565.D
Acq: 03 Jun 2020 14:49

Tgt Ion: 43 Resp: 1644
Ion Ratio Lower Upper
43 100
58 53.3 28.8 86.4





#62

4-Bromofluorobenzene

Concen: 53.407 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016565.D

Acq: 03 Jun 2020 14:49

Instrument :

MSVOA_X

ClientSampleId :

SP20-CHY02

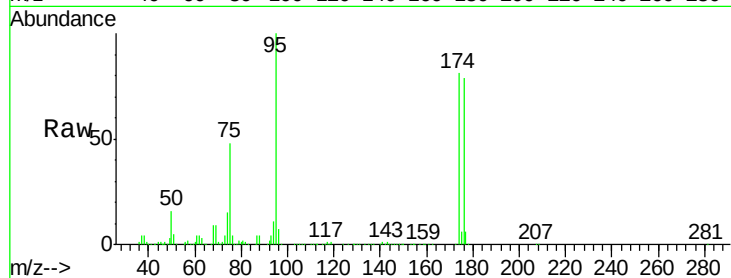
Tot Ion: 95 Resp: 202977

Ion Ratio Lower Upper

95 100

174 82.6 0.0 163.0

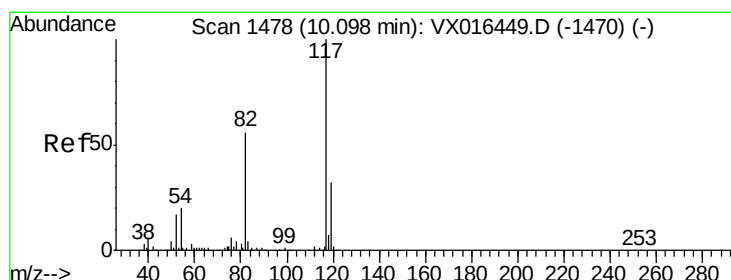
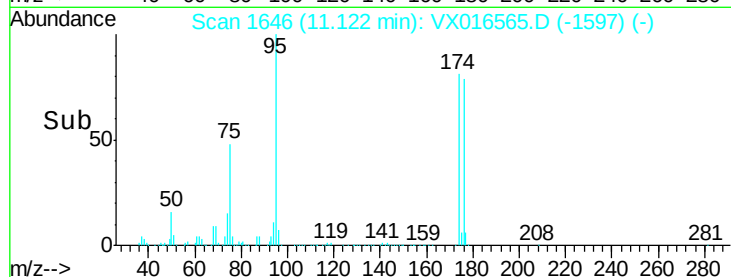
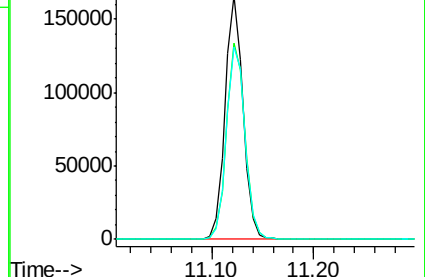
176 82.1 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX016449.D (-1639) (-)

Ion 173.80 (173.50 to 174.50): VX016449.D (-1639) (-)

Ion 175.80 (175.50 to 176.50): VX016449.D (-1639) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016565.D

Acq: 03 Jun 2020 14:49

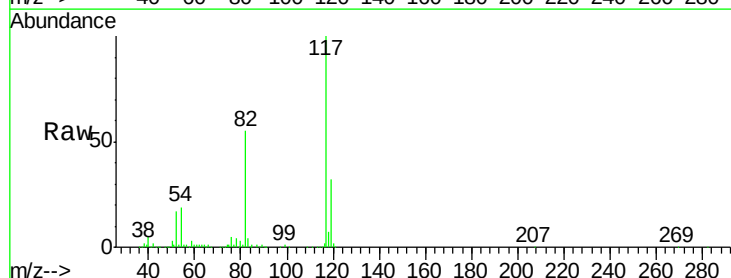
Tgt Ion: 117 Resp: 409087

Ion Ratio Lower Upper

117 100

82 54.5 45.0 67.6

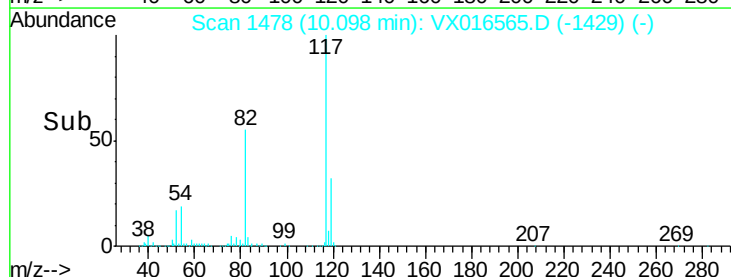
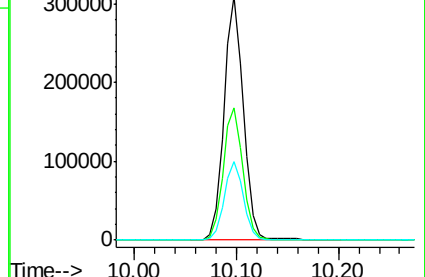
119 32.2 25.8 38.8

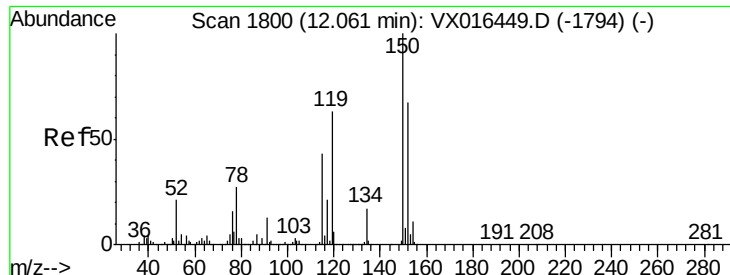


Abundance Ion 116.90 (116.60 to 117.60): VX016449.D (-1470) (-)

Ion 82.00 (81.70 to 82.70): VX016449.D (-1470) (-)

Ion 118.90 (118.60 to 119.60): VX016449.D (-1470) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016565.D

Acq: 03 Jun 2020 14:49

Instrument :

MSVOA_X

ClientSampleId :

SP20-CHY02

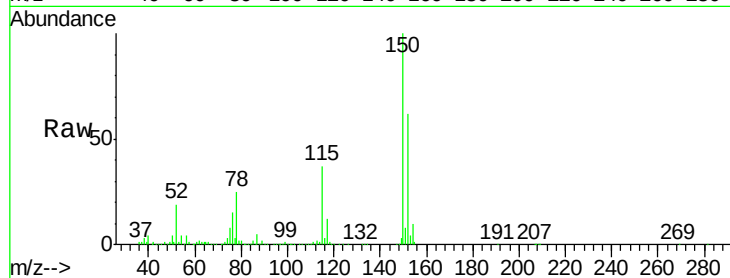
Tot Ion:152 Resp: 206499

Ion Ratio Lower Upper

152 100

115 58.8 39.9 119.6

150 158.2 0.0 341.0



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

