

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060320\
 Data File : VX016566.D
 Acq On : 03 Jun 2020 15:12
 Operator : JC/SP
 Sample : L2867-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP20-CHY05

Quant Time: Jun 04 09:03:07 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	254669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	411289	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	419541	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	217038	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	150401	47.56	ug/l	0.00
Spiked Amount			Recovery	=	95.12%	
35) Dibromofluoromethane	5.47	113	122657	48.43	ug/l	0.00
Spiked Amount			Recovery	=	96.86%	
50) Toluene-d8	8.70	98	510056	51.75	ug/l	0.00
Spiked Amount			Recovery	=	103.50%	
62) 4-Bromofluorobenzene	11.12	95	211107	55.43	ug/l	0.00
Spiked Amount			Recovery	=	110.86%	

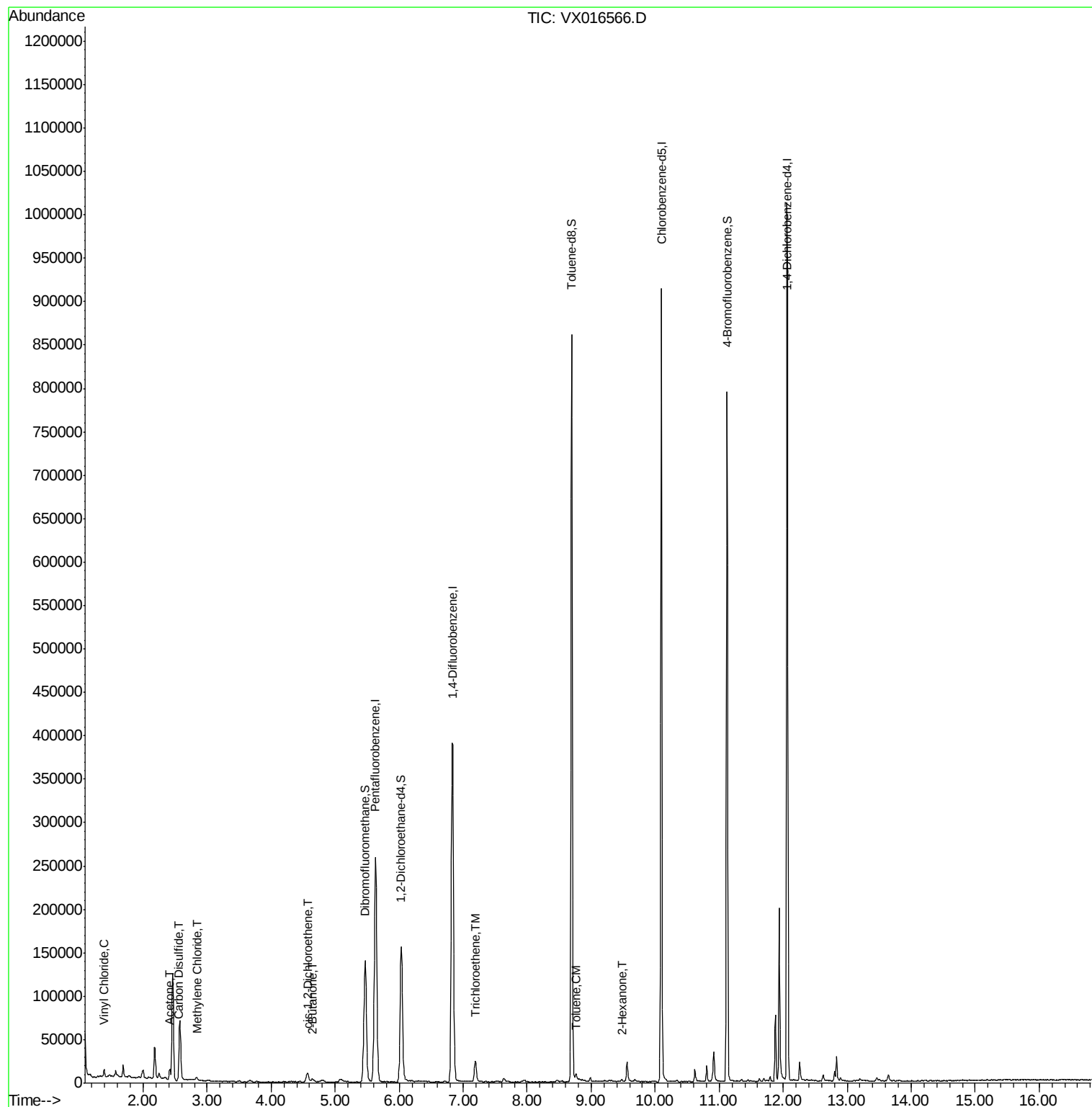
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
4) Vinyl Chloride	1.39	62	1008	0.315	ug/l	93
16) Acetone	2.42	43	15073	10.878	ug/l	100
17) Carbon Disulfide	2.55	76	5128	0.705	ug/l	99
20) Methylene Chloride	2.83	84	1305	0.455	ug/l	96
25) 2-Butanone	4.64	43	4022	1.713	ug/l	96
27) cis-1,2-Dichloroethene	4.57	96	7220	2.303	ug/l	84
44) Trichloroethene	7.19	130	8989	2.443	ug/l	97
52) Toluene	8.76	92	1929	0.264	ug/l	99
59) 2-Hexanone	9.48	43	1241	0.351	ug/l	97

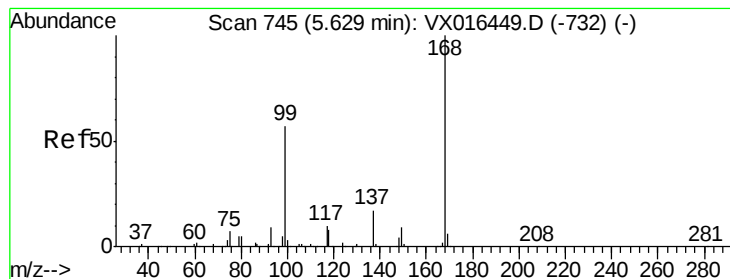
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Jun 04 09:03:07 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
Quant Title : SW846 8260
QLast Update : Wed May 27 16:31:05 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: VX016566.D

Acq: 03 Jun 2020 15:12

Instrument :

MSVOA_X

ClientSampleId :

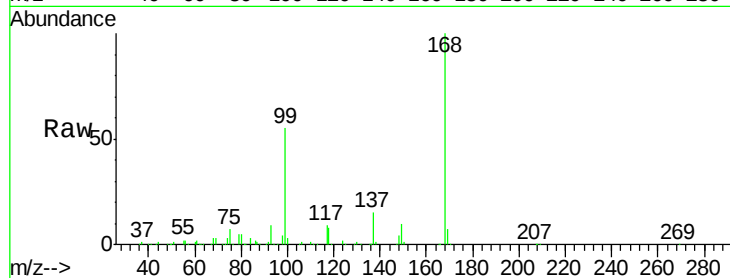
SP20-CHY05

Tot Ion:168 Resp: 254669

Ion Ratio Lower Upper

168 100

99 54.7 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

100000

80000

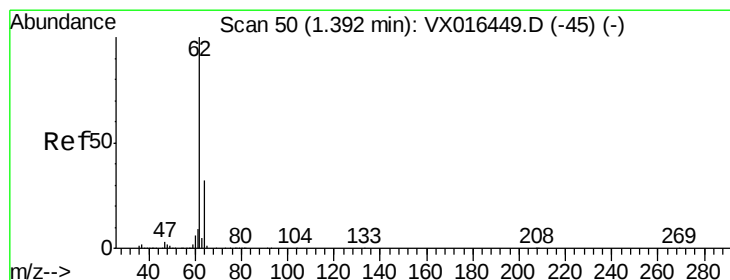
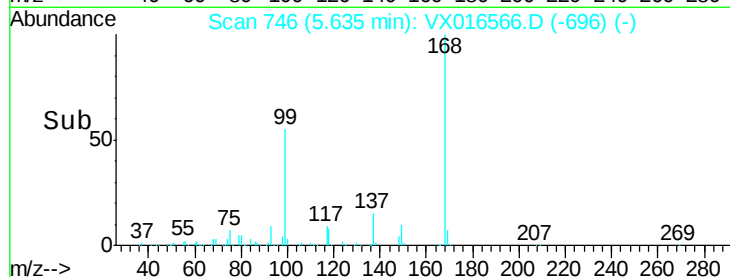
60000

40000

20000

0

Time-->



#4

Vinyl Chloride

Concen: 0.315 ug/l

RT: 1.39 min Scan# 50

Delta R.T. -0.00 min

Lab File: VX016566.D

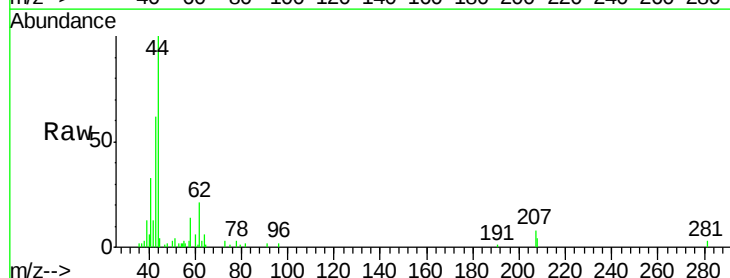
Acq: 03 Jun 2020 15:12

Tgt Ion: 62 Resp: 1008

Ion Ratio Lower Upper

62 100

64 28.4 25.9 38.9



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0

1.39

1000

800

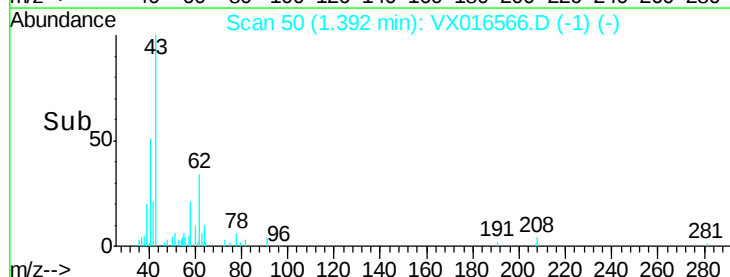
600

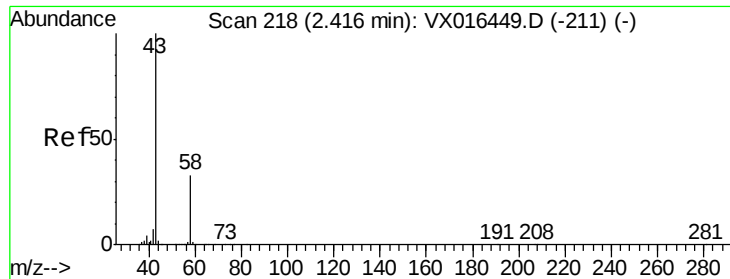
400

200

0

Time-->





#16

Acetone

Concen: 10.878 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.00 min

Lab File: VX016566.D

Acq: 03 Jun 2020 15:12

Instrument :

MSVOA_X

ClientSampleId :

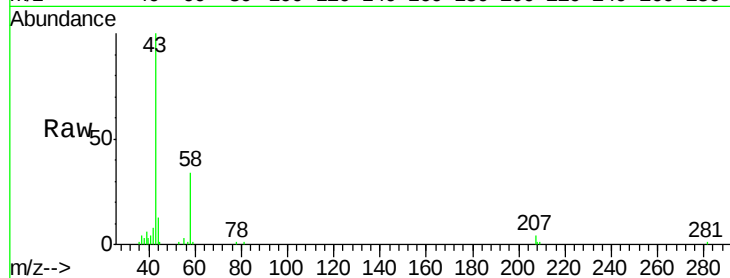
SP20-CHY05

Tot Ion: 43 Resp: 15073

Ion Ratio Lower Upper

43 100

58 32.8 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

8000

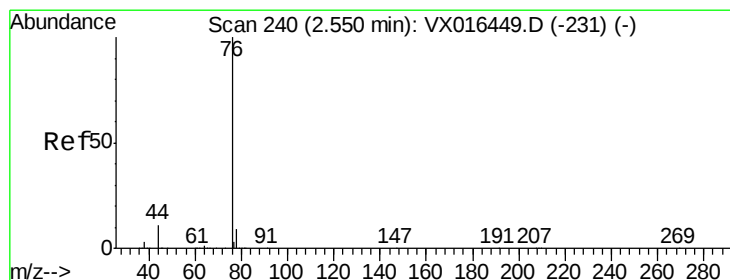
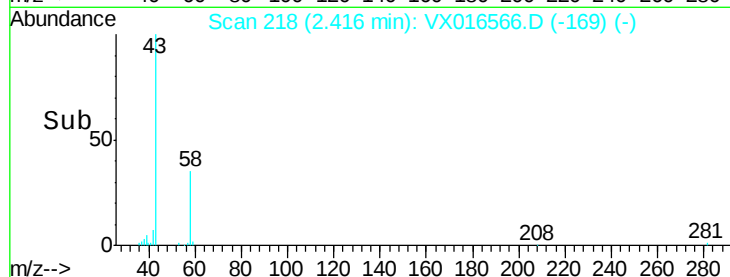
6000

4000

2000

0

Time--> 2.30 2.40 2.50



#17

Carbon Disulfide

Concen: 0.705 ug/l

RT: 2.55 min Scan# 240

Delta R.T. -0.00 min

Lab File: VX016566.D

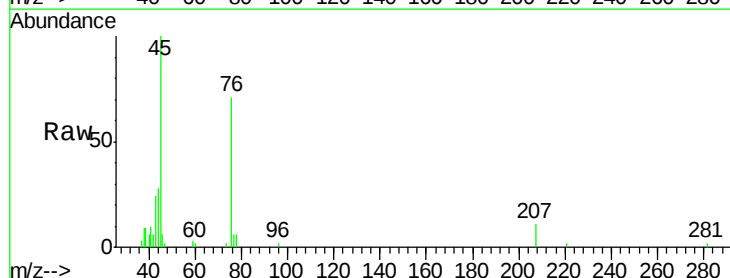
Acq: 03 Jun 2020 15:12

Tgt Ion: 76 Resp: 5128

Ion Ratio Lower Upper

76 100

78 8.8 7.4 11.0



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

3000

2500

2000

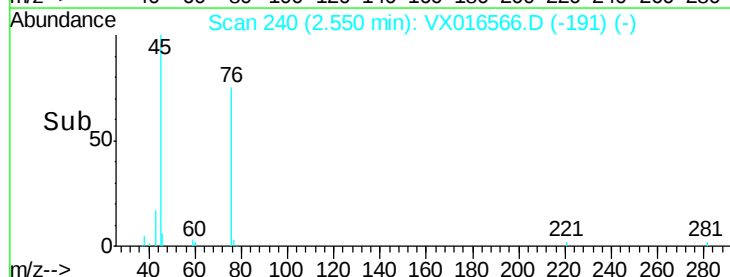
1500

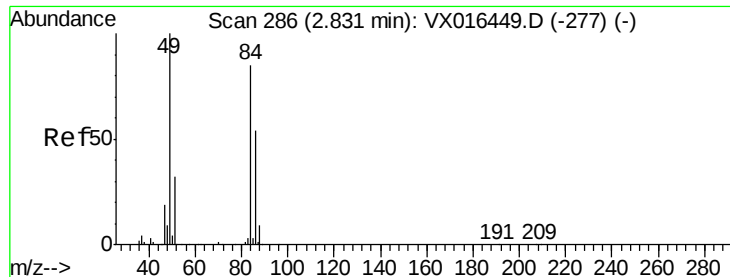
1000

500

0

Time--> 2.50 2.55 2.60

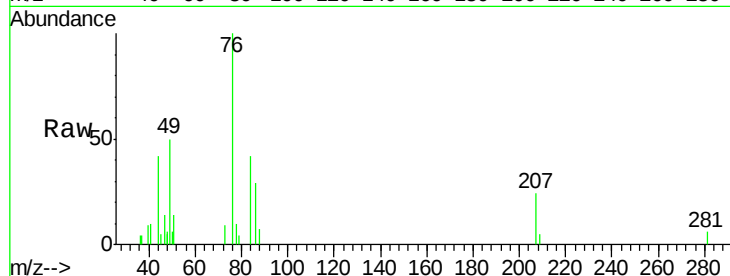




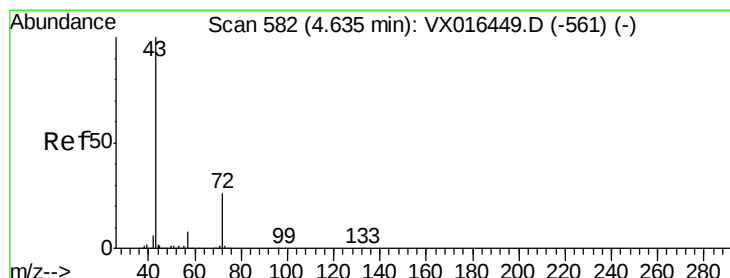
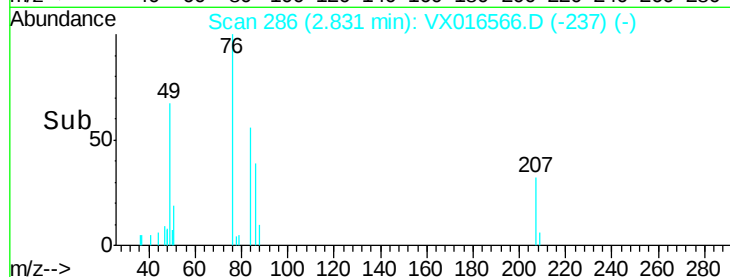
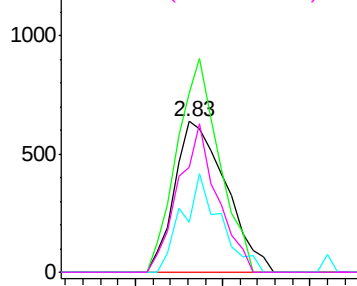
#20
Methvlene Chloride
Concen: 0.455 ug/l
RT: 2.83 min Scan# 286
Delta R.T. -0.00 min
Lab File: VX016566.D
Acq: 03 Jun 2020 15:12

Instrument :
MSVOA_X
ClientSampleId :
SP20-CHY05

Tot Ion:	84	Resp:	1305
Ion	Ratio	Lower	Upper
84	100		
49	118.8	94.5	141.7
51	33.1	30.2	45.4
86	70.0	51.1	76.7

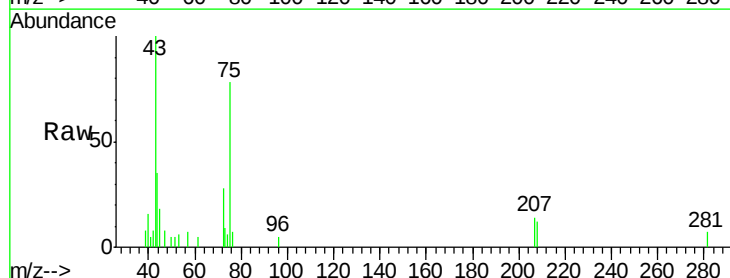


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

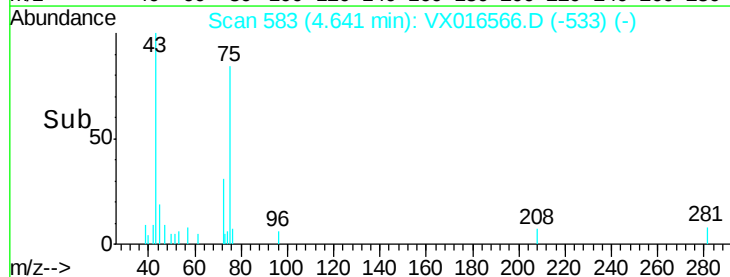
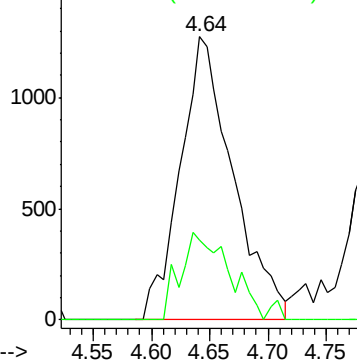


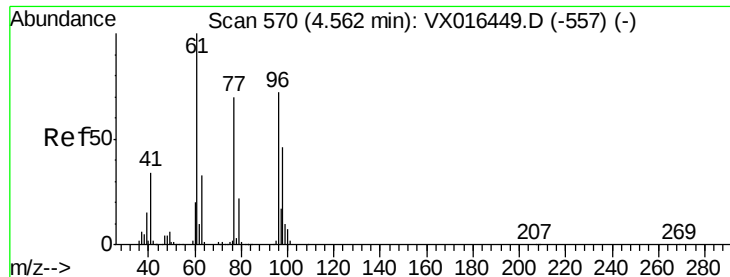
#25
2-Butanone
Concen: 1.713 ug/l
RT: 4.64 min Scan# 583
Delta R.T. 0.01 min
Lab File: VX016566.D
Acq: 03 Jun 2020 15:12

Tgt Ion:	43	Resp:	4022
Ion	Ratio	Lower	Upper
43	100		
72	28.4	21.0	31.6



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



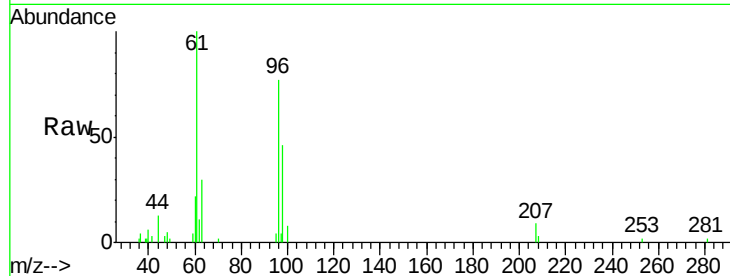


#27

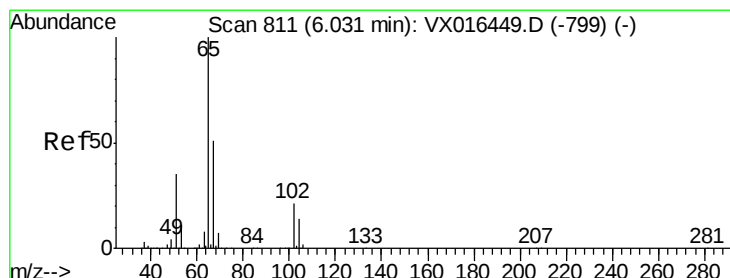
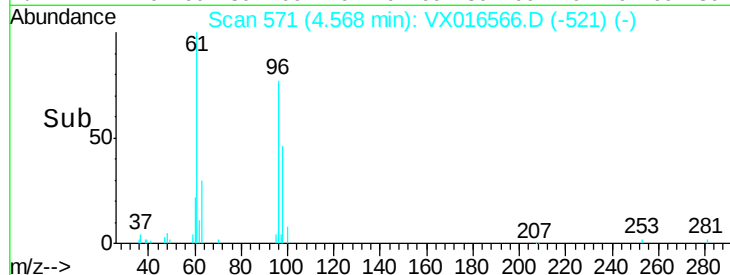
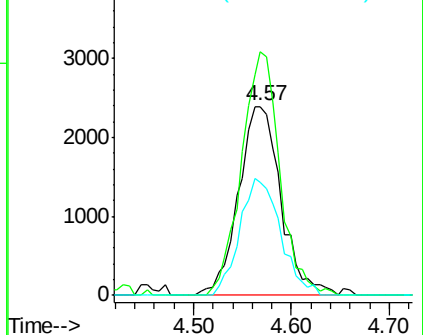
cis-1,2-Dichloroethene
Concen: 2.303 ug/l
RT: 4.57 min Scan# 571
Delta R.T. 0.01 min
Lab File: VX016566.D
Acq: 03 Jun 2020 15:12

Instrument :
MSVOA_X
ClientSampleId :
SP20-CHY05

Tot Ion: 96 Resp: 7220
Ion Ratio Lower Upper
96 100
61 116.3 0.0 284.6
98 59.2 0.0 127.2



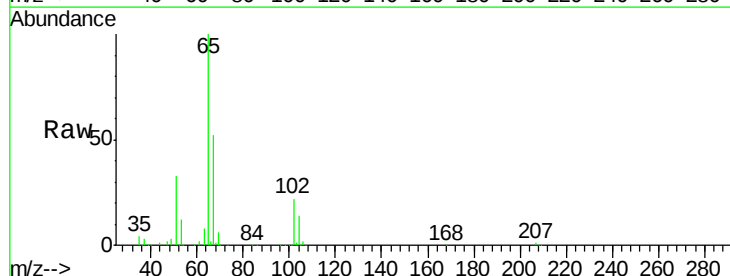
Abundance Ion 95.90 (95.60 to 96.60): VX0
Ion 60.90 (60.60 to 61.60): VX0
Ion 97.90 (97.60 to 98.60): VX0



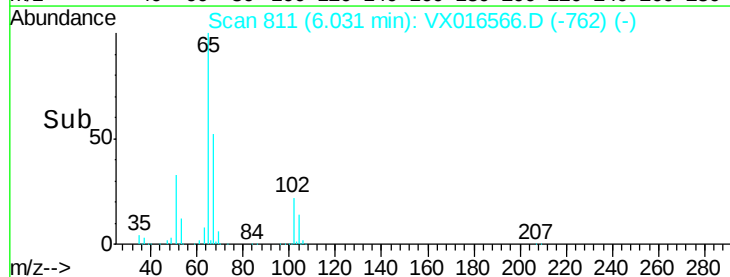
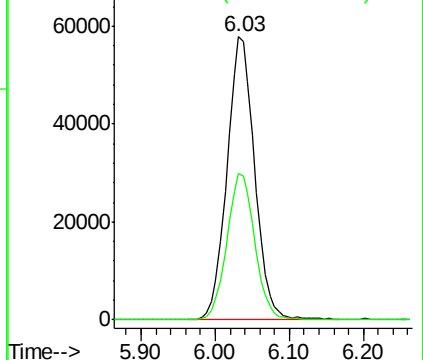
#33

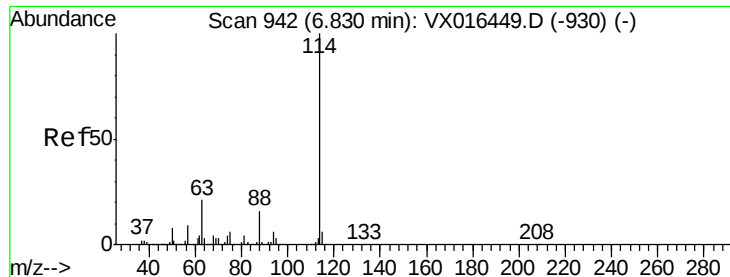
1,2-Dichloroethane-d4
Concen: 47.555 ug/l
RT: 6.03 min Scan# 811
Delta R.T. -0.00 min
Lab File: VX016566.D
Acq: 03 Jun 2020 15:12

Tgt Ion: 65 Resp: 150401
Ion Ratio Lower Upper
65 100
67 51.9 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: 6.83 min Scan# 942

Delta R.T. -0.00 min

Lab File: VX016566.D

Acq: 03 Jun 2020 15:12

Instrument :

MSVOA_X

ClientSampleId :

SP20-CHY05

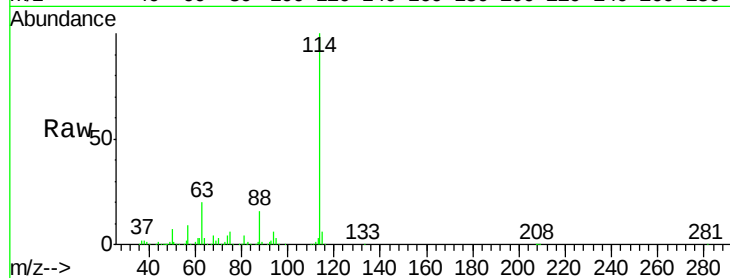
Tot Ion:114 Resp: 411289

Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.6

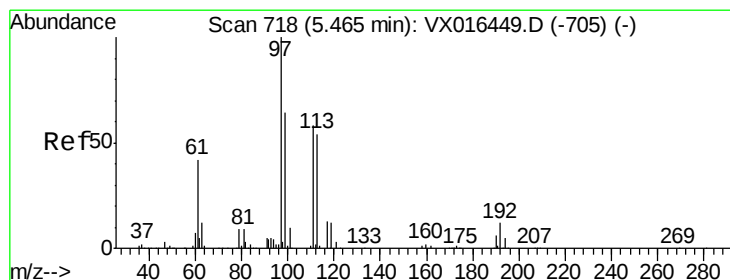
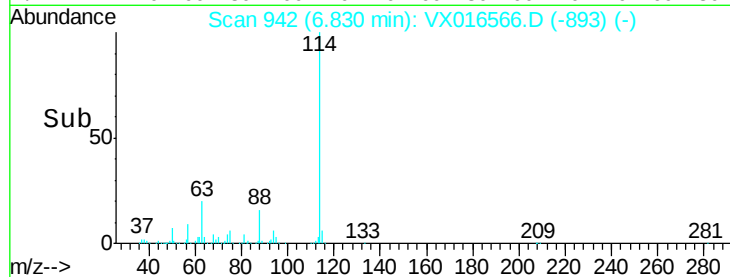
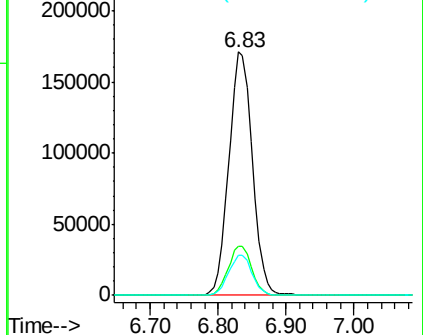
88 16.3 0.0 32.8



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: 48.433 ug/l

RT: 5.47 min Scan# 719

Delta R.T. 0.01 min

Lab File: VX016566.D

Acq: 03 Jun 2020 15:12

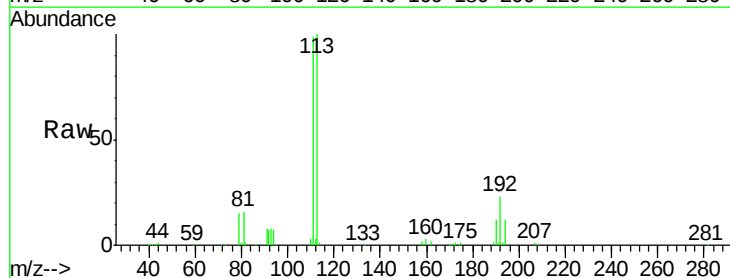
Tgt Ion:113 Resp: 122657

Ion Ratio Lower Upper

113 100

111 102.0 83.0 124.6

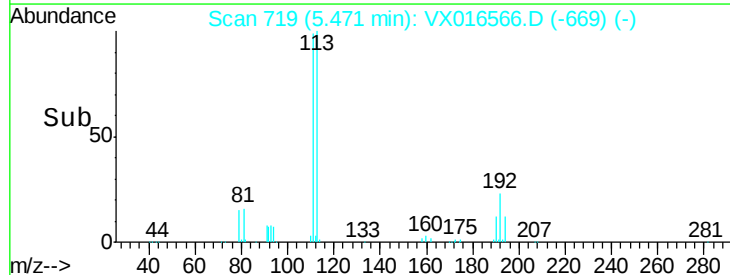
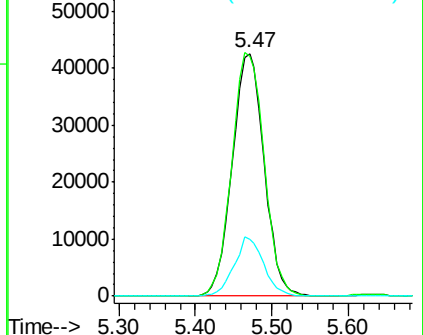
192 22.5 17.7 26.5

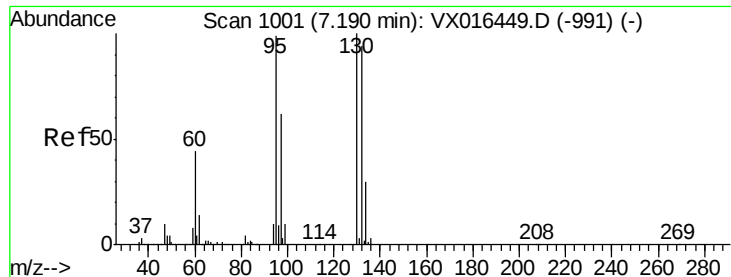


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 2.443 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016566.D

Acq: 03 Jun 2020 15:12

Instrument :

MSVOA_X

ClientSampleId :

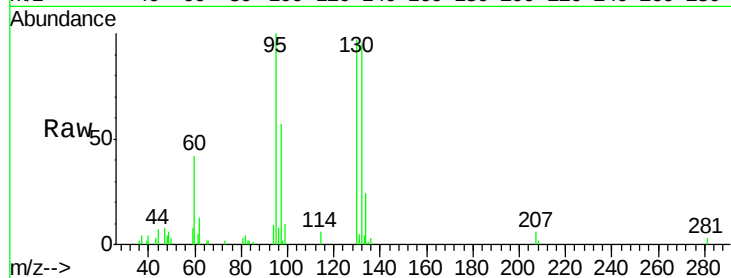
SP20-CHY05

Tot Ion:130 Resp: 8989

Ion Ratio Lower Upper

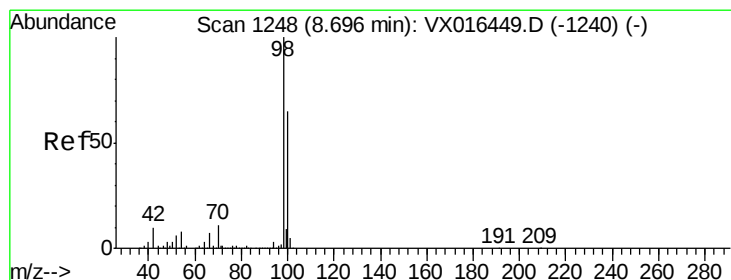
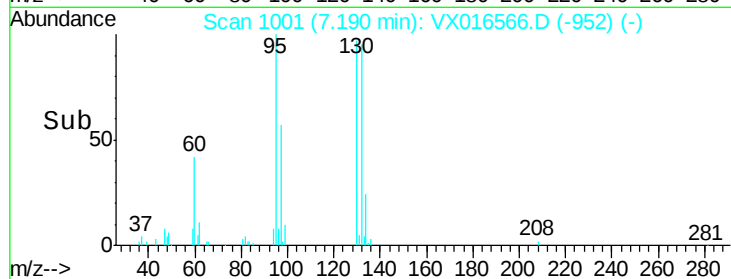
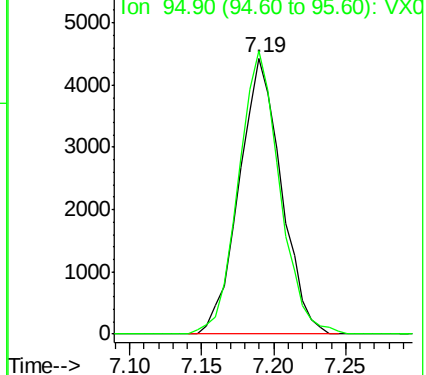
130 100

95 102.6 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: 51.746 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016566.D

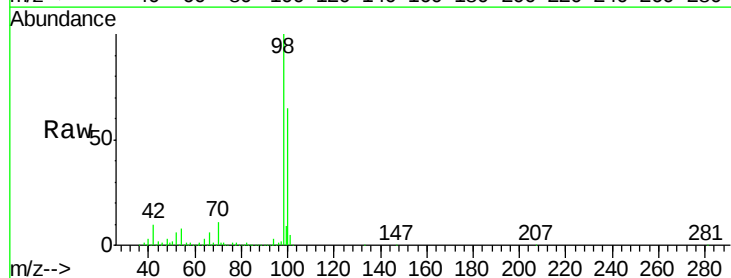
Acq: 03 Jun 2020 15:12

Tgt Ion: 98 Resp: 510056

Ion Ratio Lower Upper

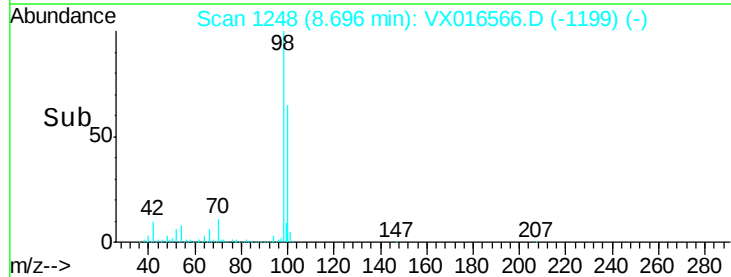
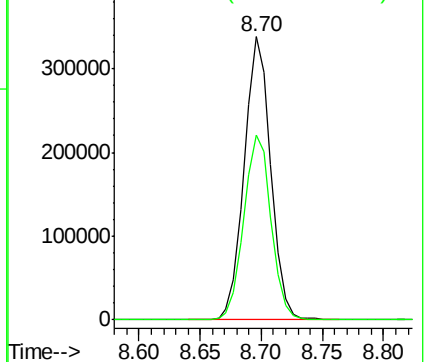
98 100

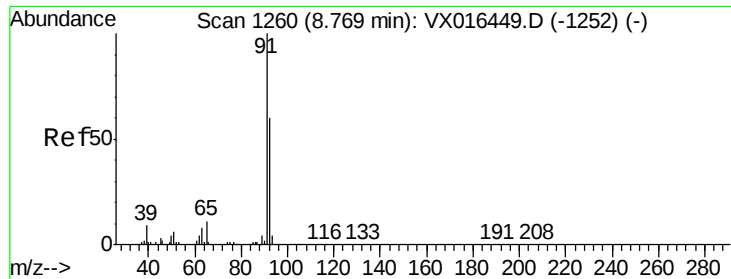
100 67.1 53.8 80.6



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#52

Toluene

Concen: 0.264 ug/l

RT: 8.76 min Scan# 1259

Delta R.T. -0.01 min

Lab File: VX016566.D

Acq: 03 Jun 2020 15:12

Instrument :

MSVOA_X

ClientSampleId :

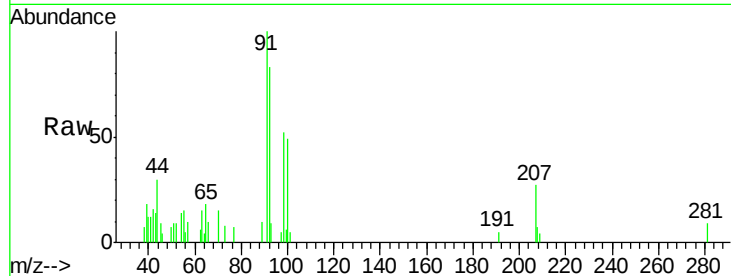
SP20-CHY05

Tot Ion: 92 Resp: 1929

Ion Ratio Lower Upper

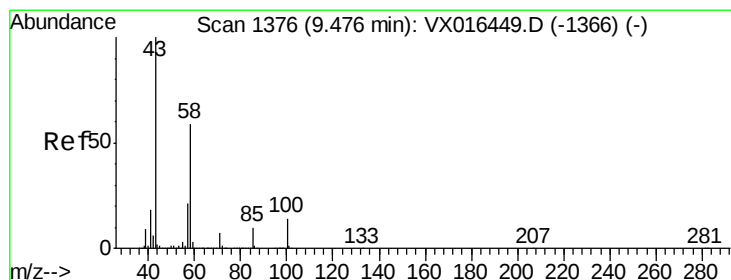
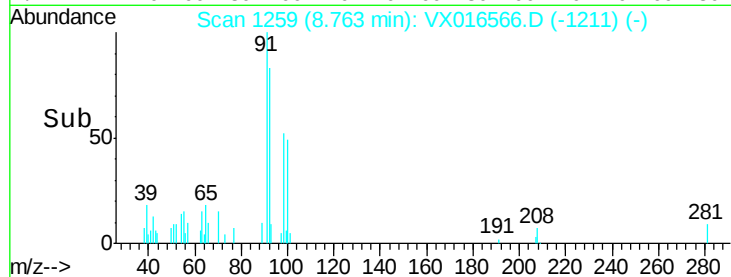
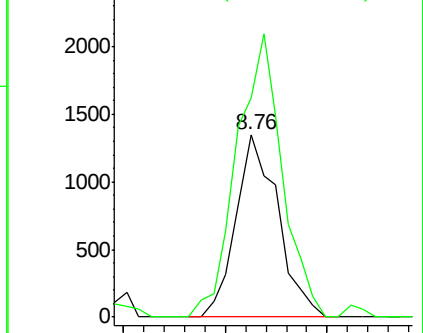
92 100

91 167.6 135.0 202.4



Abundance Ion 92.00 (91.70 to 92.70): VX0

Ion 91.00 (90.70 to 91.70): VX0



#59

2-Hexanone

Concen: 0.351 ug/l

RT: 9.48 min Scan# 1376

Delta R.T. -0.00 min

Lab File: VX016566.D

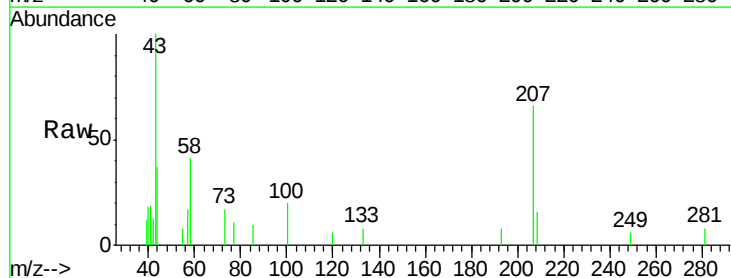
Acq: 03 Jun 2020 15:12

Tgt Ion: 43 Resp: 1241

Ion Ratio Lower Upper

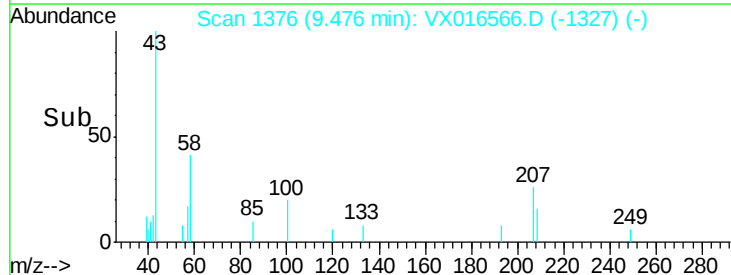
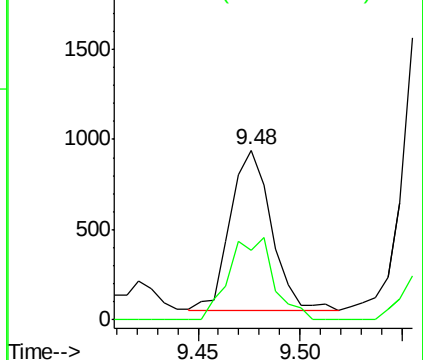
43 100

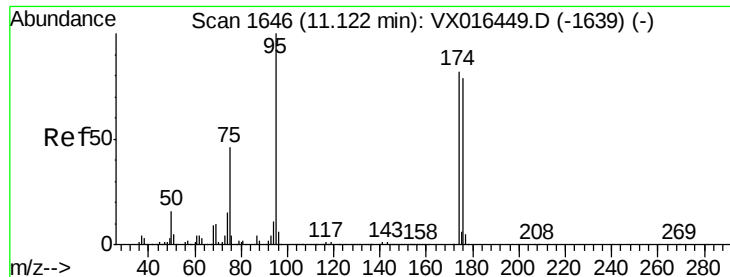
58 55.7 28.8 86.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#62

4-Bromofluorobenzene

Concen: 55.427 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016566.D

Acq: 03 Jun 2020 15:12

Instrument :

MSVOA_X

ClientSampleId :

SP20-CHY05

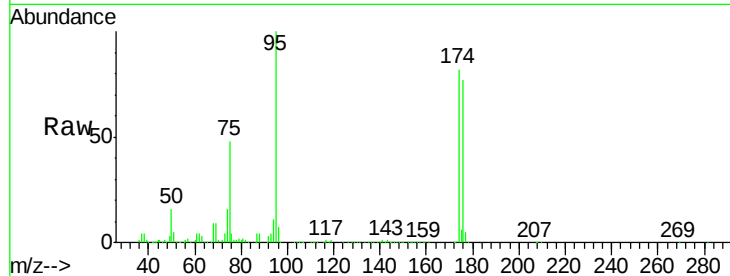
Tot Ion: 95 Resp: 211107

Ion Ratio Lower Upper

95 100

174 83.6 0.0 163.0

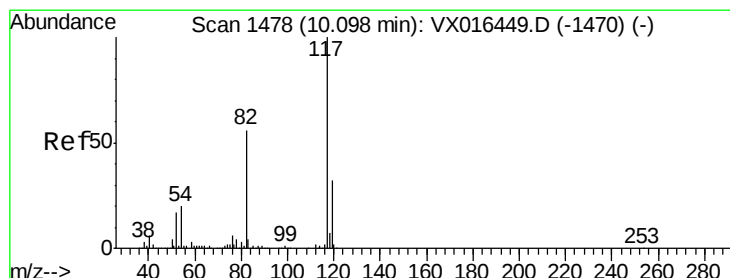
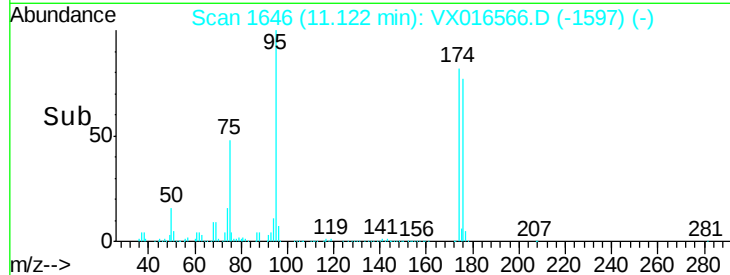
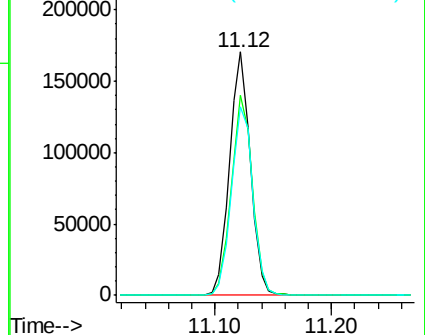
176 80.2 0.0 156.8



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX016566.D

Acq: 03 Jun 2020 15:12

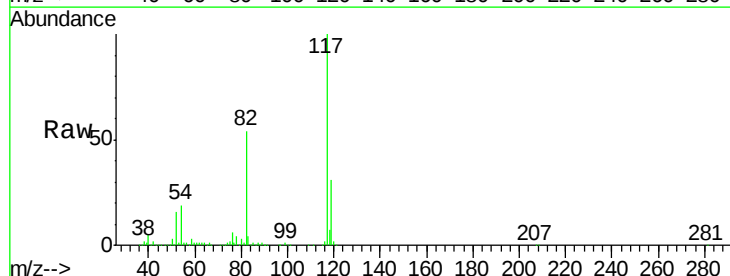
Tgt Ion: 117 Resp: 419541

Ion Ratio Lower Upper

117 100

82 54.4 45.0 67.6

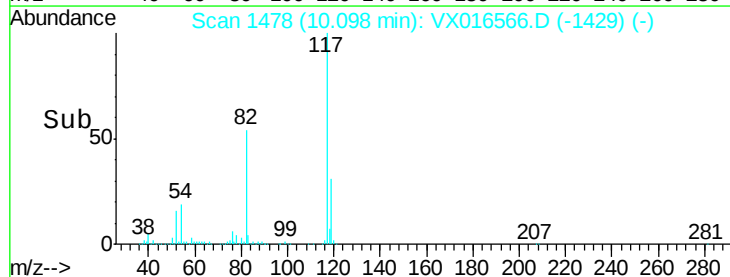
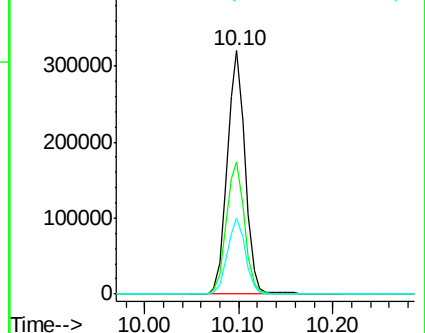
119 31.1 25.8 38.8

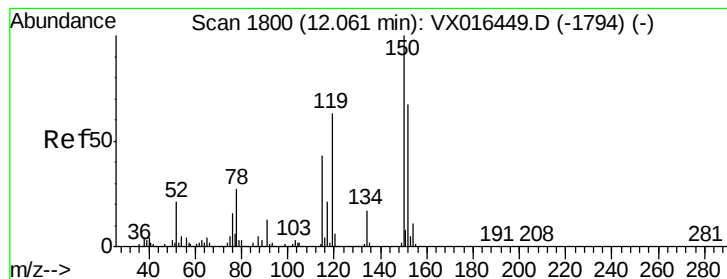


Abundance Ion 116.90 (116.60 to 117.60): V

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: 12.06 min Scan# 1800

Delta R.T. -0.00 min

Lab File: VX016566.D

Acq: 03 Jun 2020 15:12

Instrument :

MSVOA_X

ClientSampleId :

SP20-CHY05

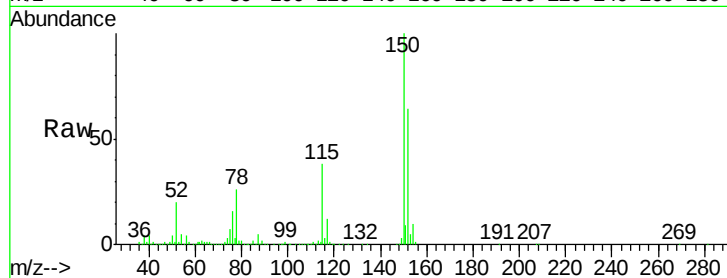
Tot Ion:152 Resp: 217038

Ion Ratio Lower Upper

152 100

115 58.0 39.9 119.6

150 155.7 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

