

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050820\
 Data File : VX016126.D
 Acq On : 08 May 2020 17:12
 Operator : JC/SP
 Sample : L2552-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW351-200507

Quant Time: May 09 05:00:16 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	272068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	445447	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	443357	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	228905	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.04	65	169567	47.36	ug/l	0.00
Spiked Amount						
			Recovery	=	94.72%	
35) Dibromofluoromethane	5.47	113	133606	47.34	ug/l	0.00
Spiked Amount						
			Recovery	=	94.68%	
50) Toluene-d8	8.70	98	556183	51.15	ug/l	0.00
Spiked Amount						
			Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.12	95	227638	55.04	ug/l	0.00
Spiked Amount						
			Recovery	=	110.08%	

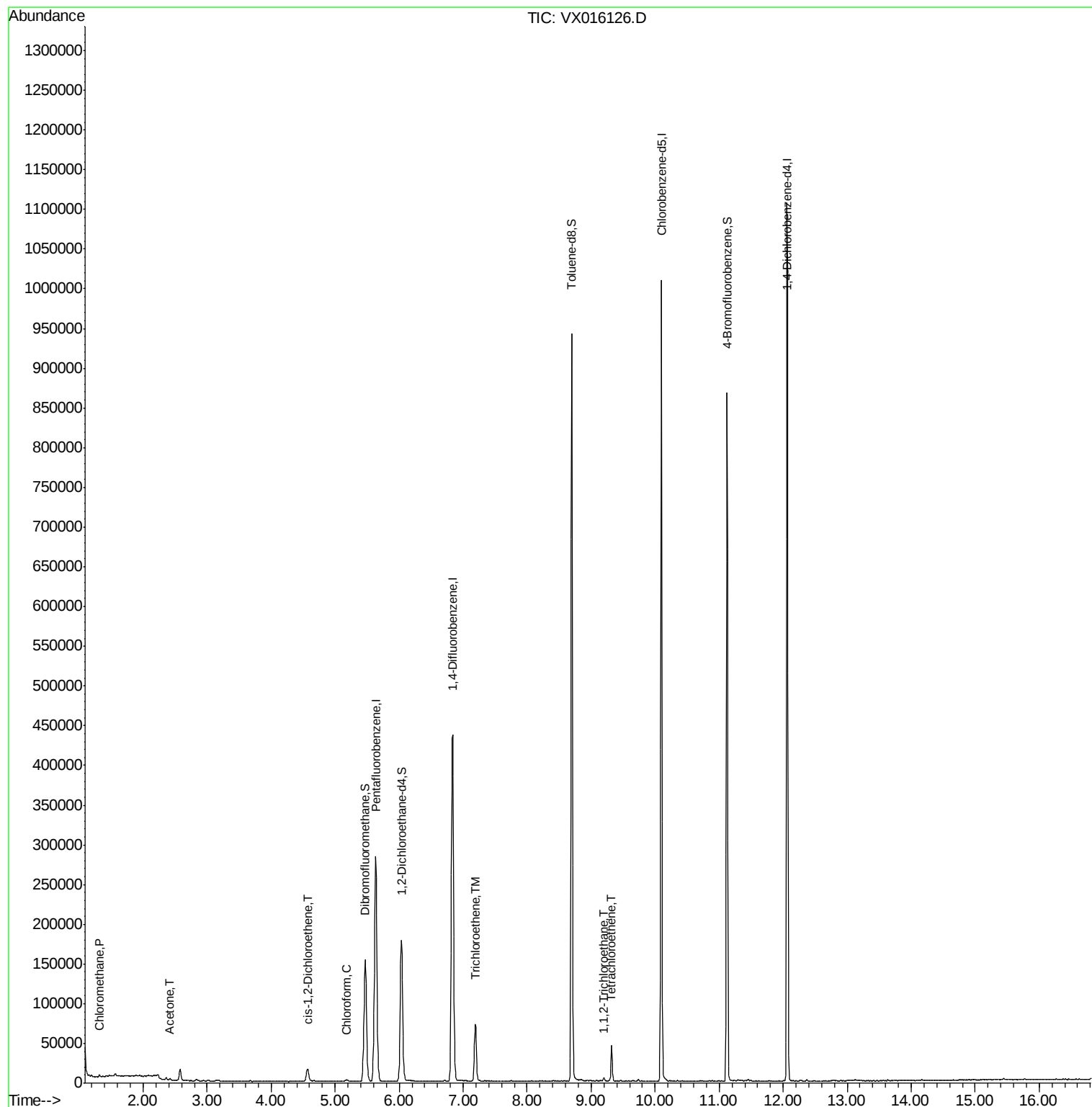
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1389	0.415	ug/l	98
16) Acetone	2.42	43	2476	1.550	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	10282	2.984	ug/l	85
30) Chloroform	5.18	83	1928	0.354	ug/l	98
44) Trichloroethene	7.19	130	27940	6.130	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	956	0.304	ug/l	98
64) Tetrachloroethene	9.32	164	8490	1.560	ug/l	97

(#) = 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. -0.00 min

Lab File: VX016126.D

Acq: 08 May 2020 17:12

Instrument :

MSVOA_X

ClientSampleId :

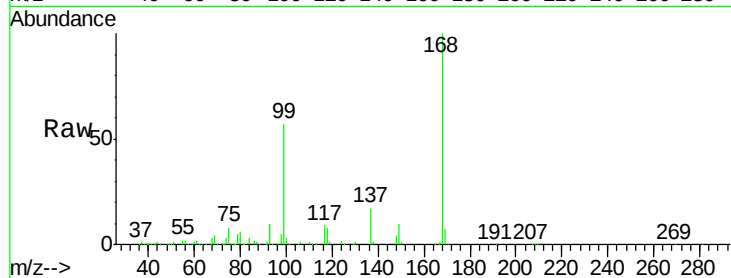
SS052MW351-200507

Tot Ion:168 Resp: 272068

Ion Ratio Lower Upper

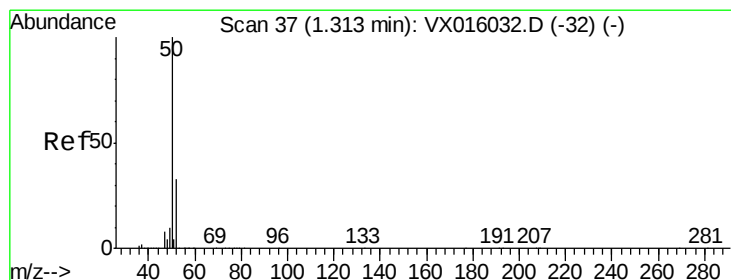
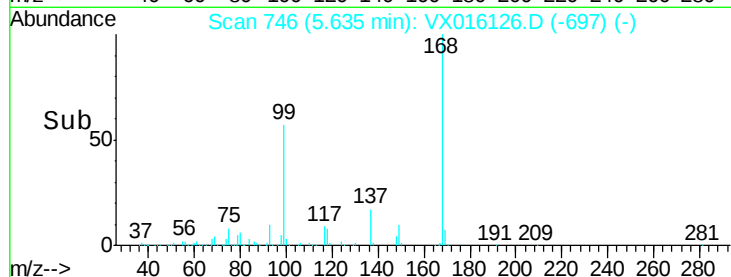
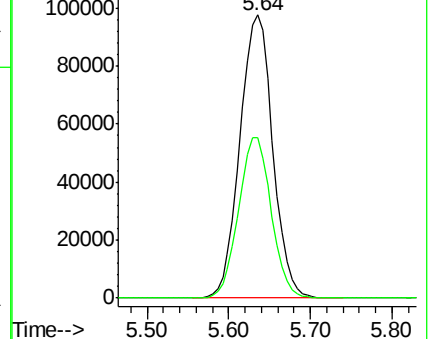
168 100

99 56.9 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.415 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016126.D

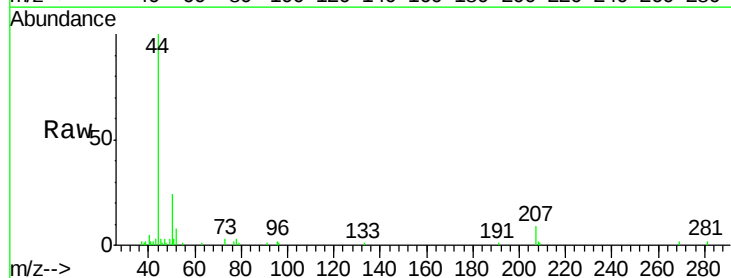
Acq: 08 May 2020 17:12

Tgt Ion: 50 Resp: 1389

Ion Ratio Lower Upper

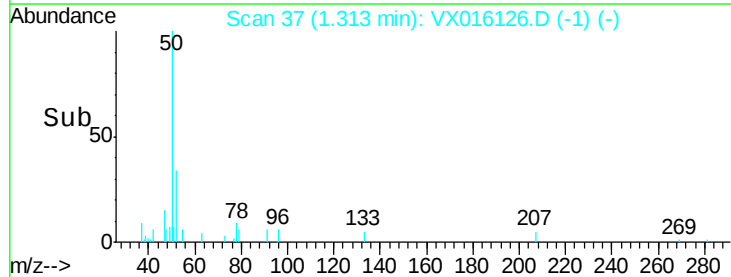
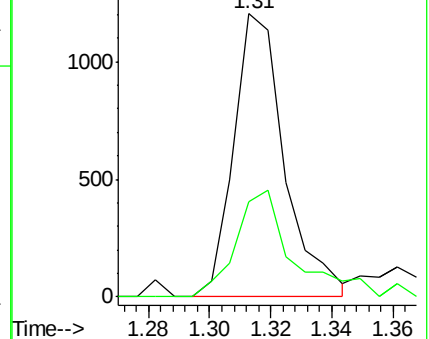
50 100

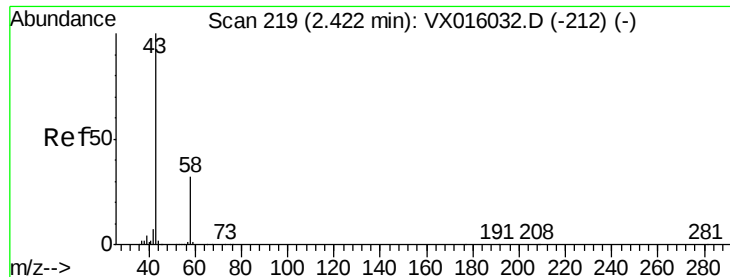
52 33.6 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 1.550 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016126.D

Acq: 08 May 2020 17:12

Instrument :

MSVOA_X

ClientSampleId :

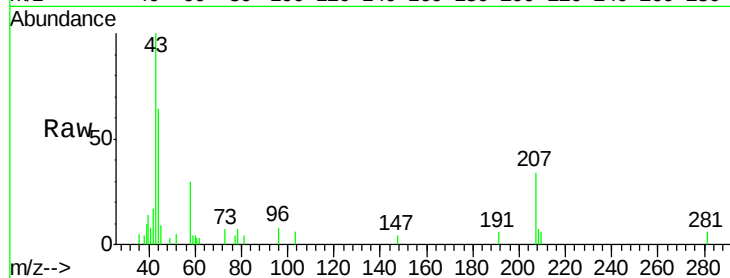
SS052MW351-200507

Tot Ion: 43 Resp: 2476

Ion Ratio Lower Upper

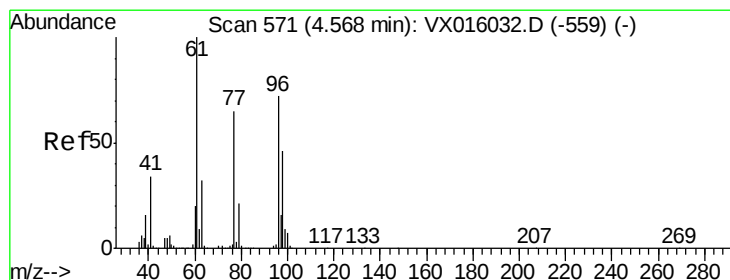
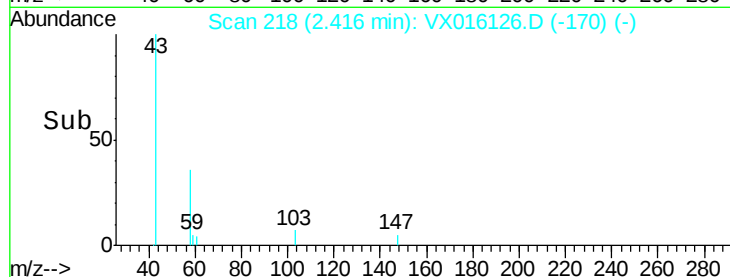
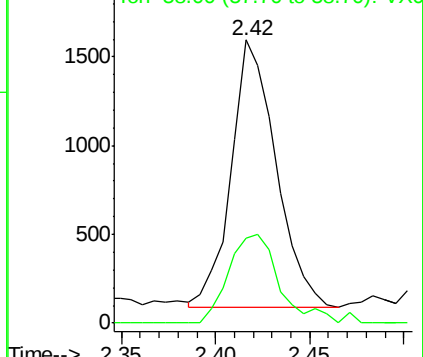
43 100

58 32.0 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: 2.984 ug/l

RT: 4.57 min Scan# 571

Delta R.T. -0.00 min

Lab File: VX016126.D

Acq: 08 May 2020 17:12

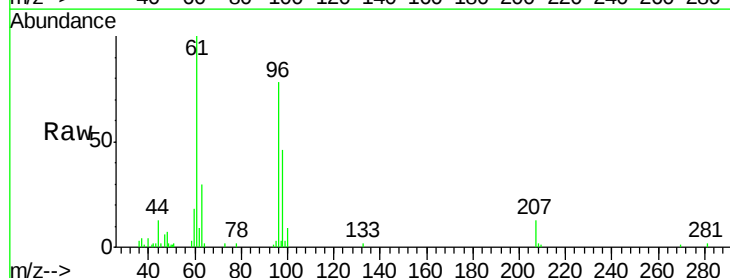
Tgt Ion: 96 Resp: 10282

Ion Ratio Lower Upper

96 100

61 121.9 0.0 296.2

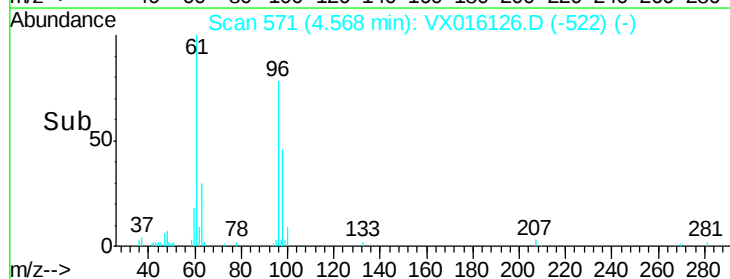
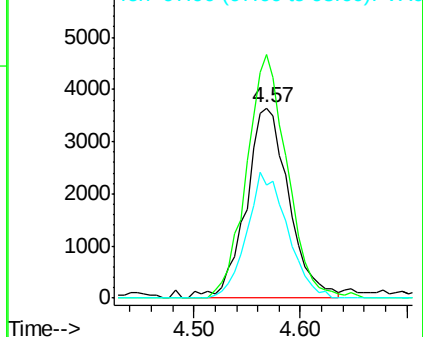
98 62.4 0.0 129.4

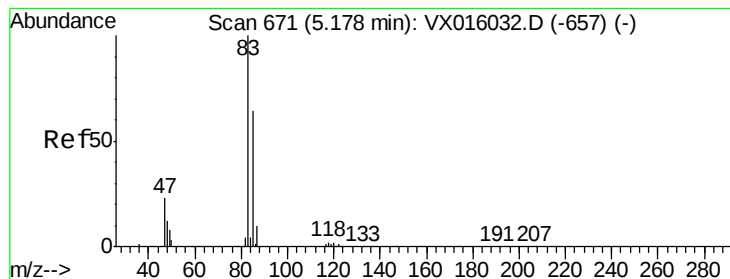


Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0





#30

Chloroform

Concen: 0.354 ug/l

RT: 5.18 min Scan# 672

Delta R.T. 0.01 min

Lab File: VX016126.D

Acq: 08 May 2020 17:12

Instrument :

MSVOA_X

ClientSampleId :

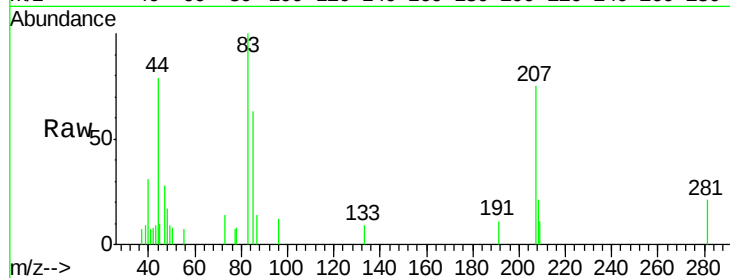
SS052MW351-200507

Tot Ion: 83 Resp: 1928

Ion Ratio Lower Upper

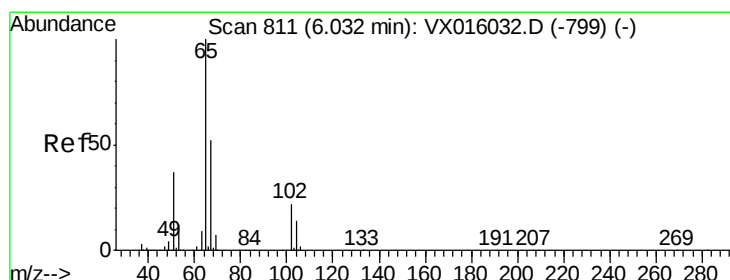
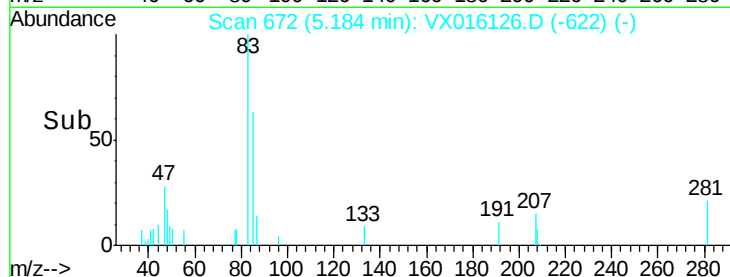
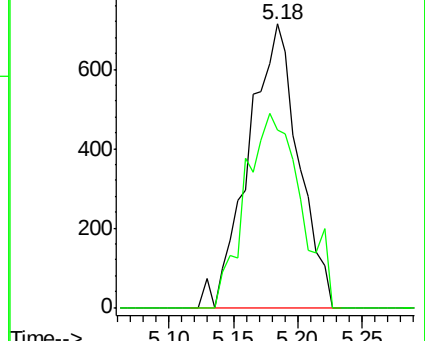
83 100

85 62.6 51.6 77.4



Abundance Ion 82.90 (82.60 to 83.60): VX0

Ion 84.90 (84.60 to 85.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.363 ug/l

RT: 6.04 min Scan# 812

Delta R.T. 0.01 min

Lab File: VX016126.D

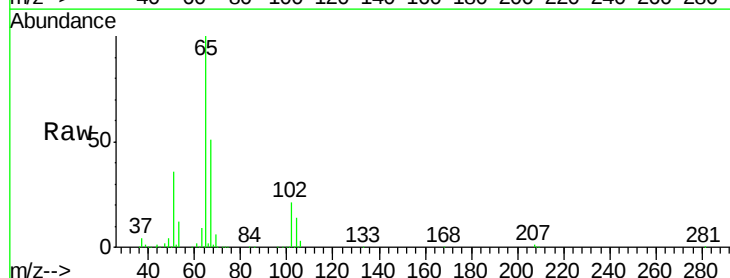
Acq: 08 May 2020 17:12

Tgt Ion: 65 Resp: 169567

Ion Ratio Lower Upper

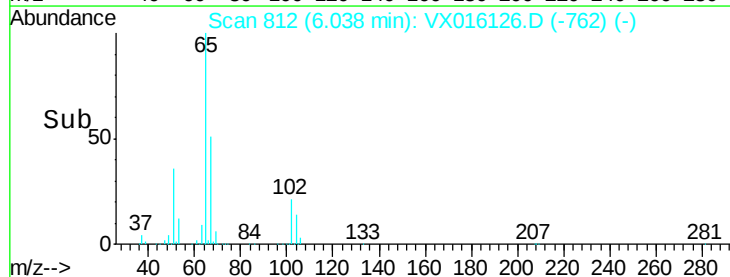
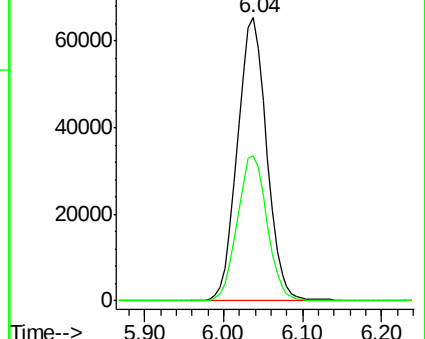
65 100

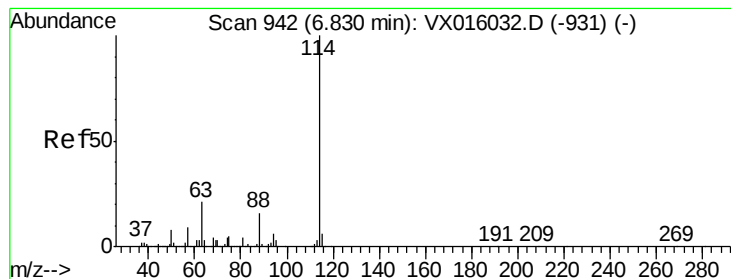
67 52.3 0.0 104.8



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: 6.84 min Scan# 943

Delta R.T. 0.01 min

Lab File: VX016126.D

Acq: 08 May 2020 17:12

Instrument :

MSVOA_X

ClientSampleId :

SS052MW351-200507

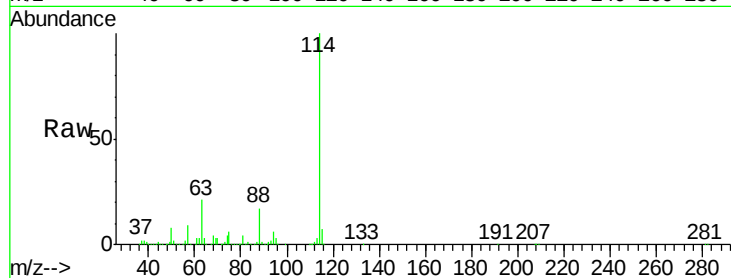
Tot Ion:114 Resp: 445447

Ion Ratio Lower Upper

114 100

63 21.3 0.0 42.8

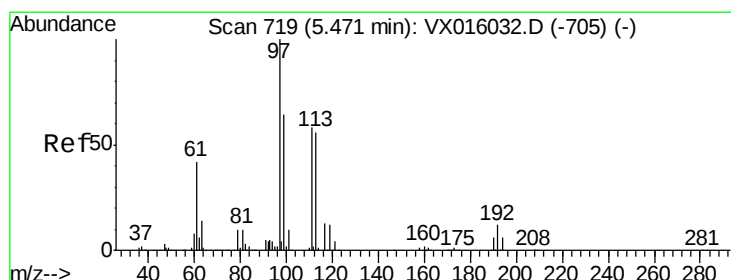
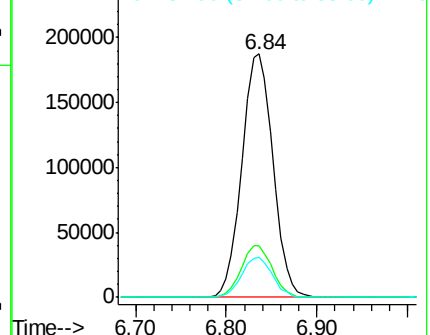
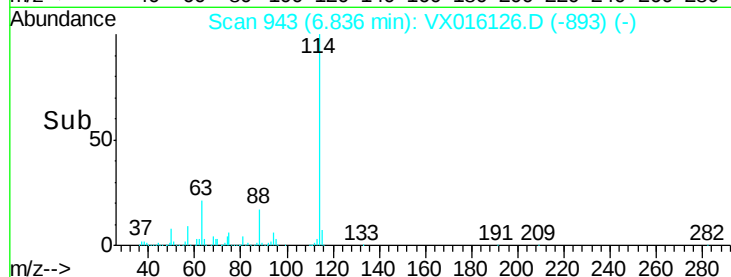
88 16.5 0.0 31.4



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



#35

Dibromofluoromethane

Concen: 47.343 ug/l

RT: 5.47 min Scan# 719

Delta R.T. -0.00 min

Lab File: VX016126.D

Acq: 08 May 2020 17:12

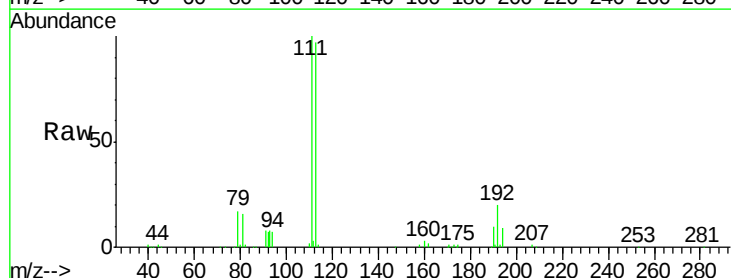
Tgt Ion:113 Resp: 133606

Ion Ratio Lower Upper

113 100

111 102.7 81.6 122.4

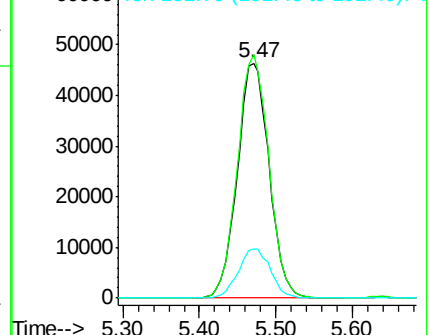
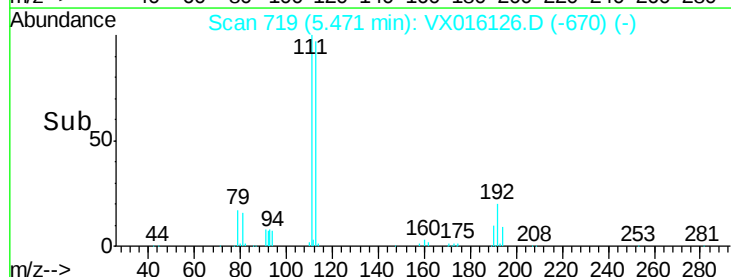
192 21.2 17.0 25.4

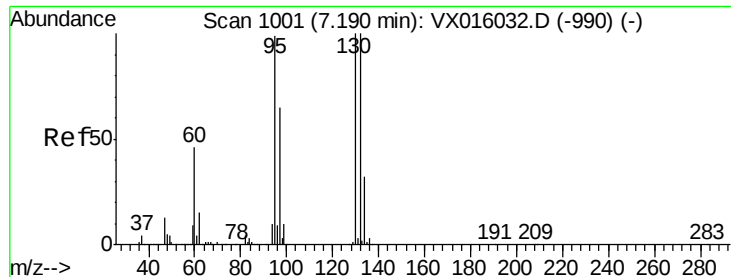


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 6.130 ug/l

RT: 7.19 min Scan# 1001

Delta R.T. -0.00 min

Lab File: VX016126.D

Acq: 08 May 2020 17:12

Instrument :

MSVOA_X

ClientSampleId :

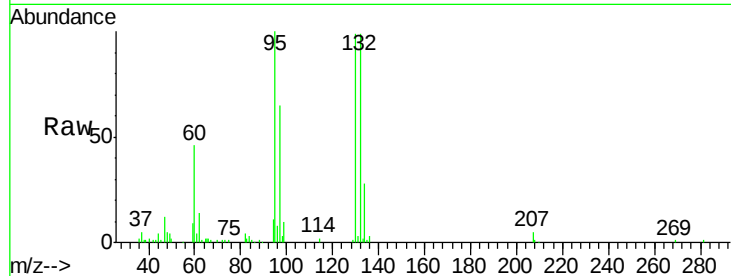
SS052MW351-200507

Tot Ion:130 Resp: 27940

Ion Ratio Lower Upper

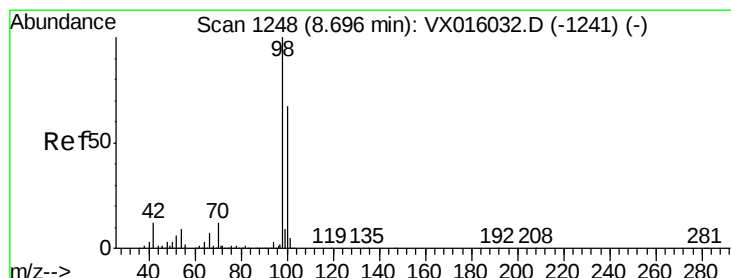
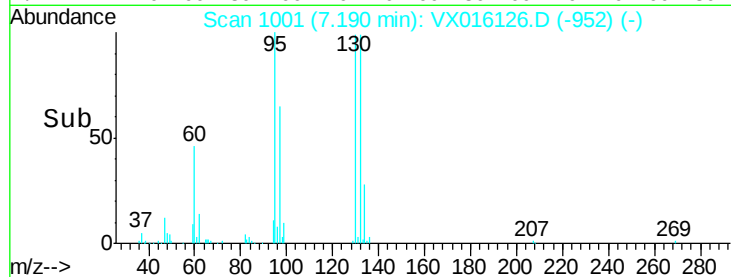
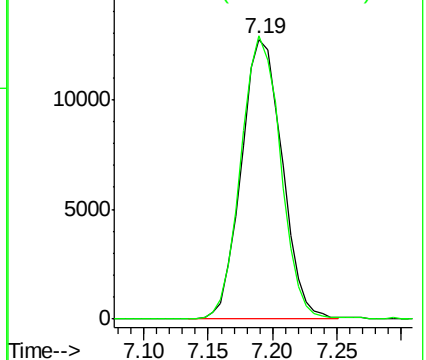
130 100

95 101.3 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: 51.149 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016126.D

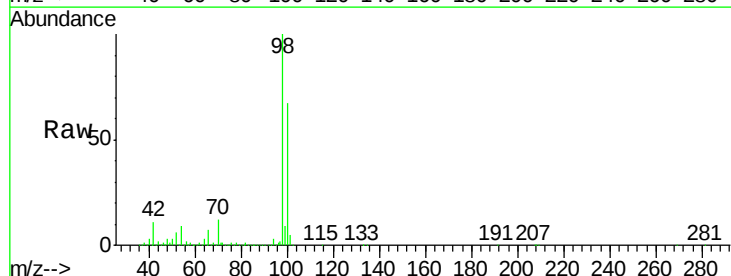
Acq: 08 May 2020 17:12

Tgt Ion: 98 Resp: 556183

Ion Ratio Lower Upper

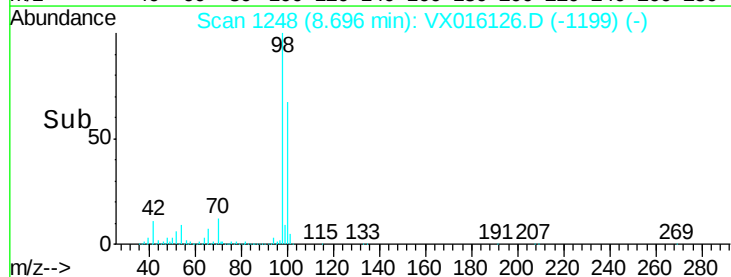
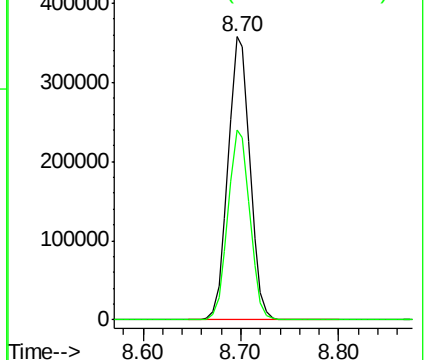
98 100

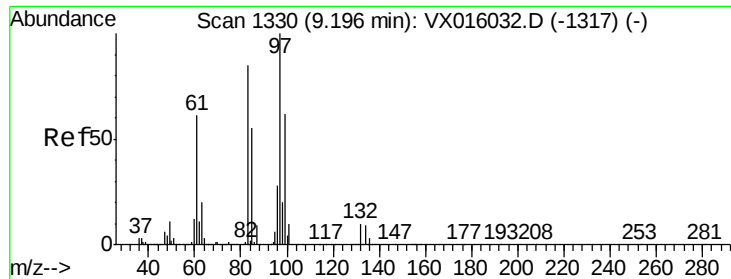
100 67.0 53.7 80.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0

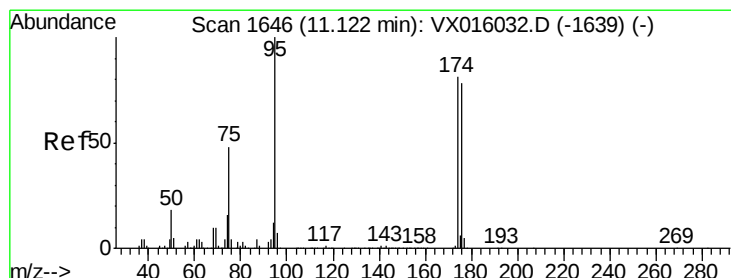
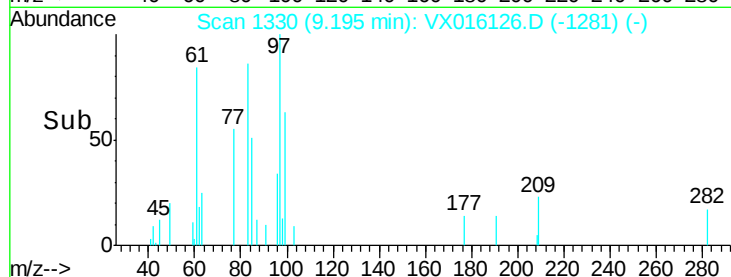
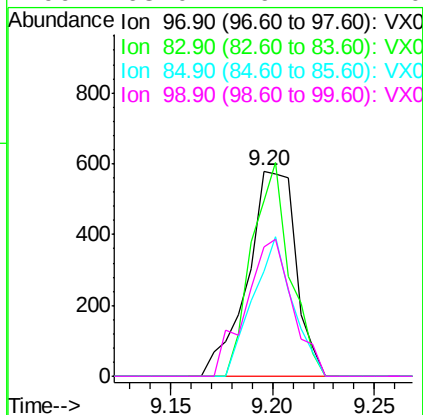
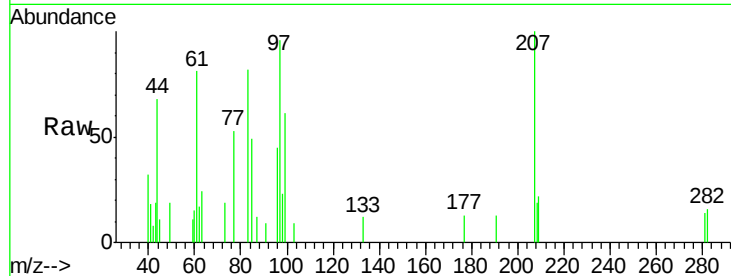




#55
 1,1,2-Trichloroethane
 Concen: 0.304 ug/l
 RT: 9.20 min Scan# 1330
 Delta R.T. -0.00 min
 Lab File: VX016126.D
 Acq: 08 May 2020 17:12

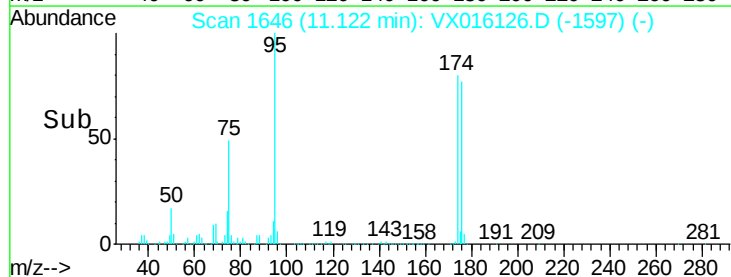
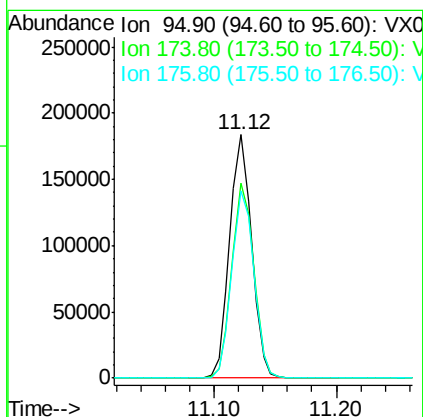
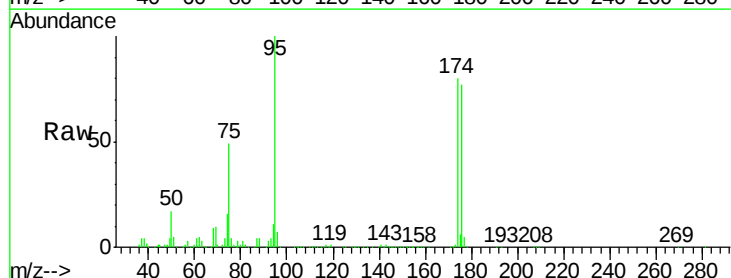
Instrument :
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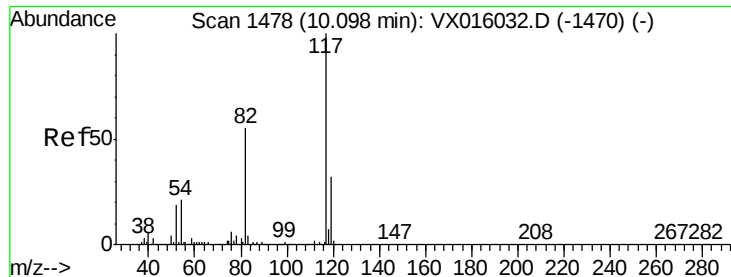
Tot Ion:	97	Resp:	956
Ion	Ratio	Lower	Upper
97	100		
83	85.7	67.8	101.8
85	50.9	43.8	65.8
99	63.0	49.4	74.0



#62
 4-Bromofluorobenzene
 Concen: 55.040 ug/l
 RT: 11.12 min Scan# 1646
 Delta R.T. -0.00 min
 Lab File: VX016126.D
 Acq: 08 May 2020 17:12

Tgt Ion:	95	Resp:	227638
Ion	Ratio	Lower	Upper
95	100		
174	80.3	0.0	159.4
176	77.8	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: VX016126.D

Acq: 08 May 2020 17:12

Instrument :

MSVOA_X

ClientSampleId :

SS052MW351-200507

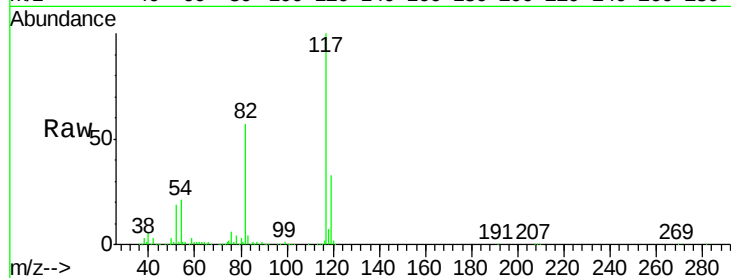
Tot Ion:117 Resp: 443357

Ion Ratio Lower Upper

117 100

82 57.2 44.4 66.6

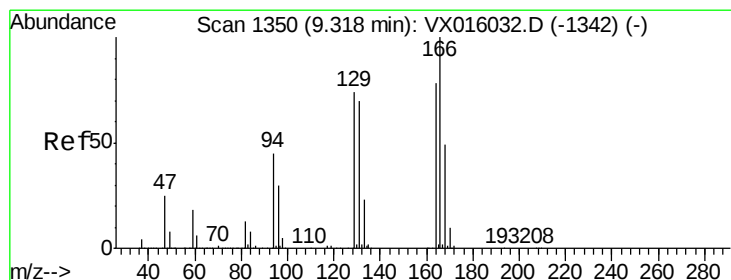
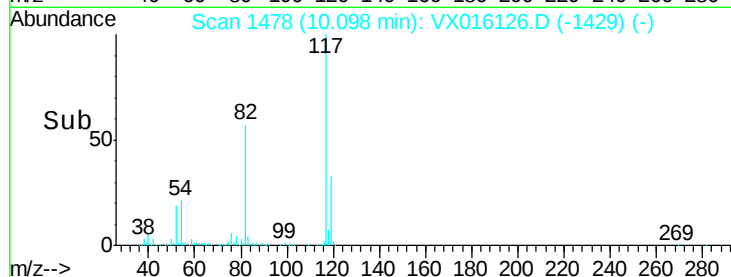
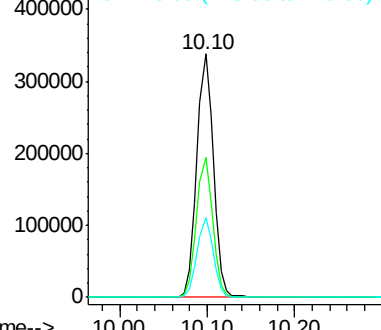
119 32.9 25.5 38.3



Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#64

Tetrachloroethene

Concen: 1.560 ug/l

RT: 9.32 min Scan# 1350

Delta R.T. -0.00 min

Lab File: VX016126.D

Acq: 08 May 2020 17:12

Tgt Ion:164 Resp: 8490

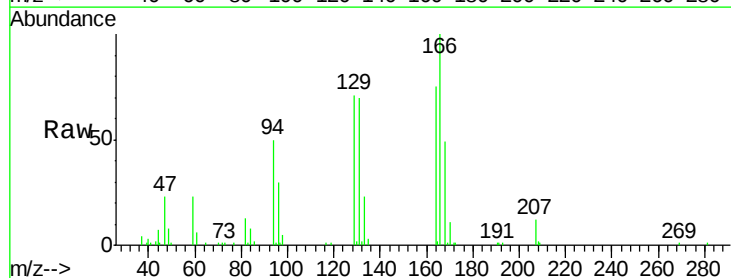
Ion Ratio Lower Upper

164 100

166 133.5 102.9 154.3

129 94.5 76.1 114.1

131 93.9 71.9 107.9

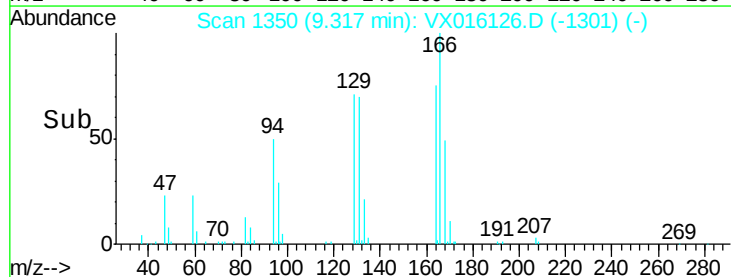
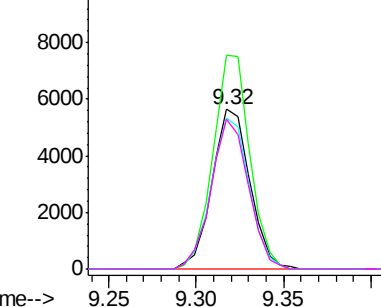


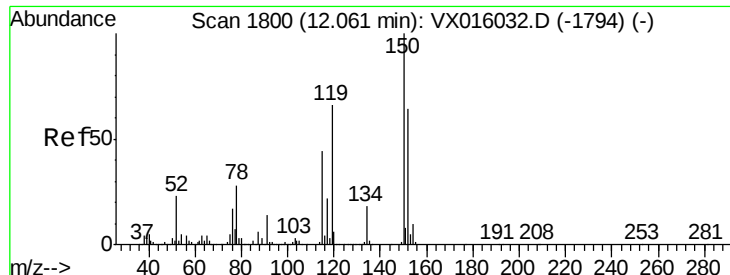
Abundance Ion 163.80 (163.50 to 164.50): V

Ion 165.80 (165.50 to 166.50): V

Ion 128.80 (128.50 to 129.50): V

Ion 130.80 (130.50 to 131.50): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1801

Delta R.T. 0.01 min

Lab File: VX016126.D

Acq: 08 May 2020 17:12

Instrument :

MSVOA_X

ClientSampleId :

SS052MW351-200507

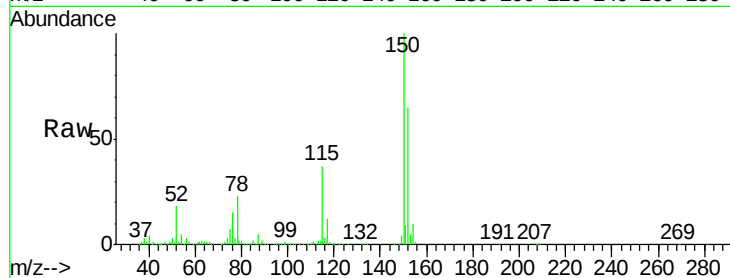
Tot Ion:152 Resp: 228905

Ion Ratio Lower Upper

152 100

115 59.0 41.3 124.1

150 155.7 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

