

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050720\
 Data File : VX016100.D
 Acq On : 07 May 2020 17:35
 Operator : JC/SP
 Sample : L2532-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW717-200506

Quant Time: May 12 09:23:58 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	271059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	452346	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	444349	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	235946	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	172362	48.32	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	96.64%	
35) Dibromofluoromethane	5.46	113	136019	47.46	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	94.92%	
50) Toluene-d8	8.70	98	558652	50.59	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.18%	
62) 4-Bromofluorobenzene	11.12	95	224312	53.41	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	106.82%	

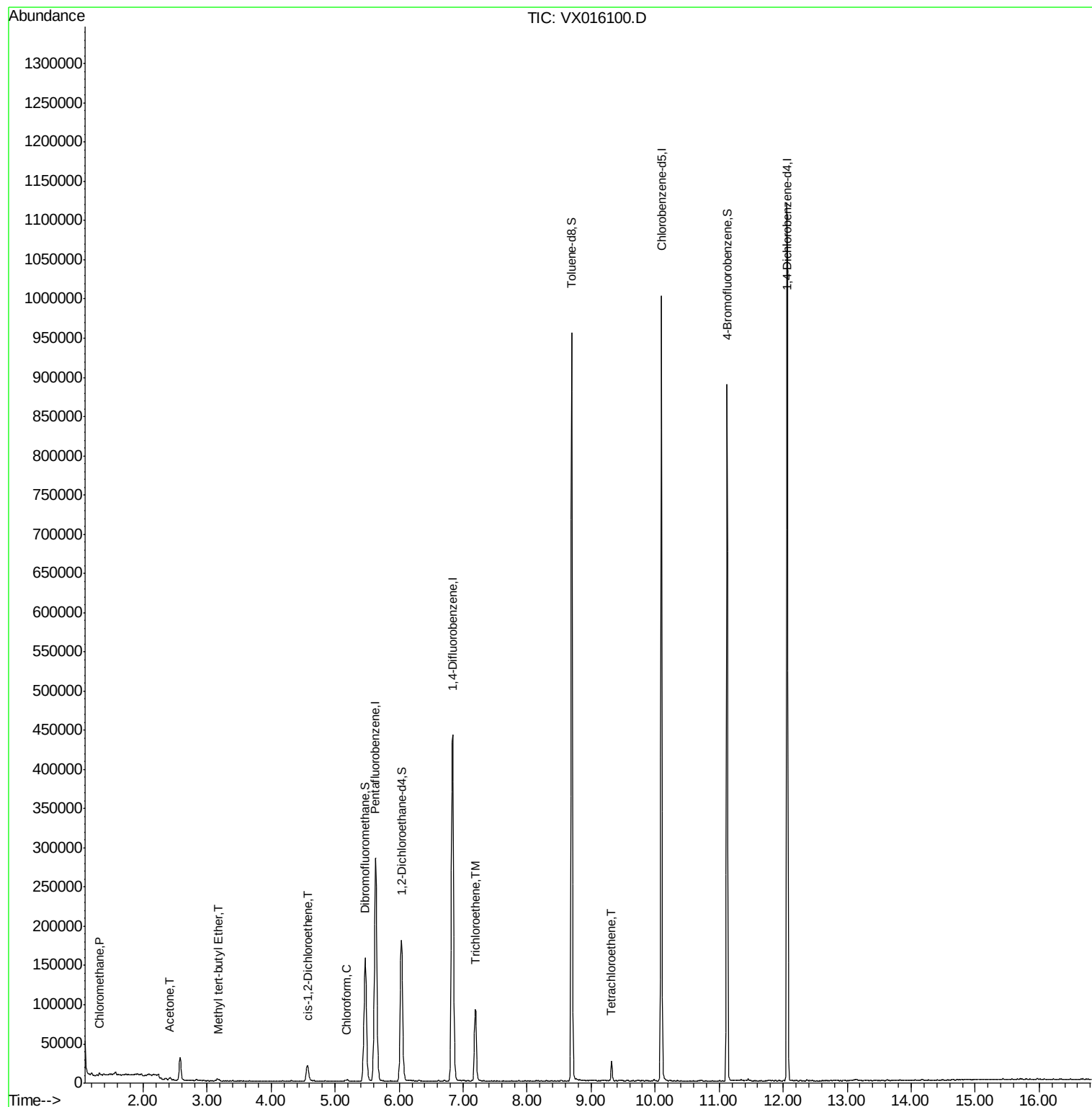
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	1.31	50	1406	0.422	ug/l	92
16) Acetone	2.42	43	4103	2.578	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	2805	0.289	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	13260	3.863	ug/l	85
30) Chloroform	5.18	83	2043	0.376	ug/l #	82
44) Trichloroethene	7.20	130	35818	7.739	ug/l	96
64) Tetrachloroethene	9.32	164	4856	0.890	ug/l	96

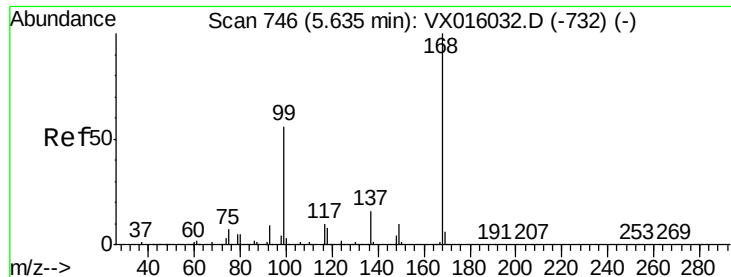
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.64 min Scan# 746

Delta R.T. -0.00 min

Lab File: VX016100.D

Acq: 07 May 2020 17:35

Instrument :

MSVOA_X

ClientSampleId :

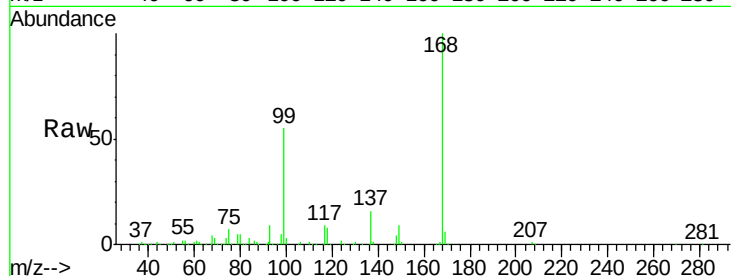
SS052MW717-200506

Tot Ion:168 Resp: 271059

Ion Ratio Lower Upper

168 100

99 55.1 45.0 67.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

100000

80000

60000

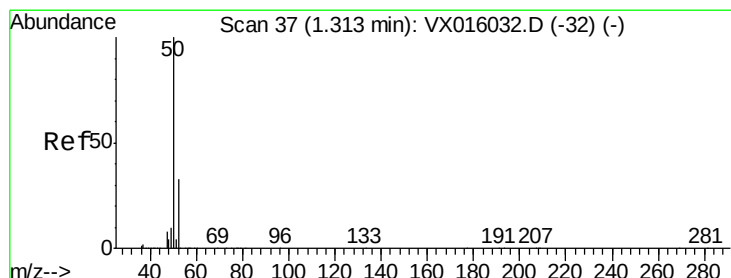
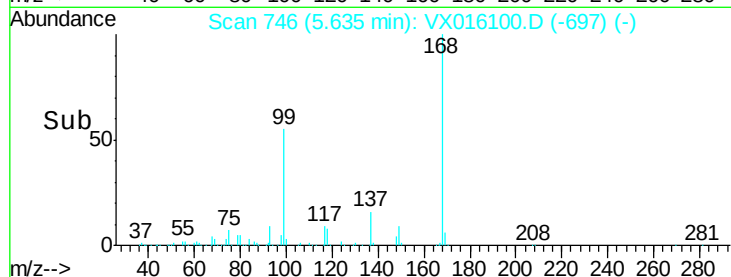
40000

20000

0

5.50 5.60 5.70 5.80

Time-->



#3

Chloromethane

Concen: 0.422 ug/l

RT: 1.31 min Scan# 37

Delta R.T. -0.00 min

Lab File: VX016100.D

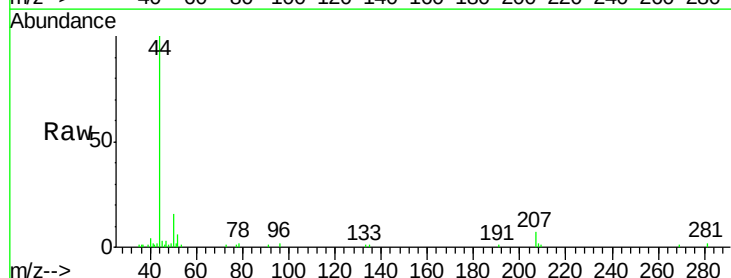
Acq: 07 May 2020 17:35

Tgt Ion: 50 Resp: 1406

Ion Ratio Lower Upper

50 100

52 37.0 26.1 39.1



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

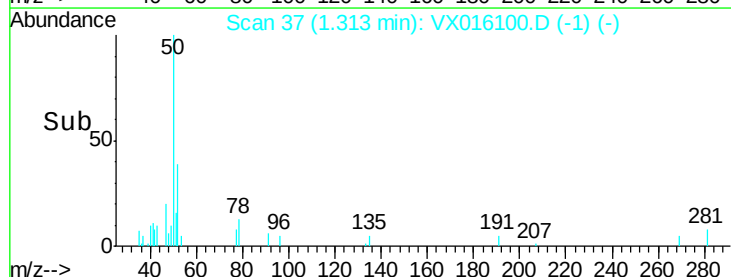
1000

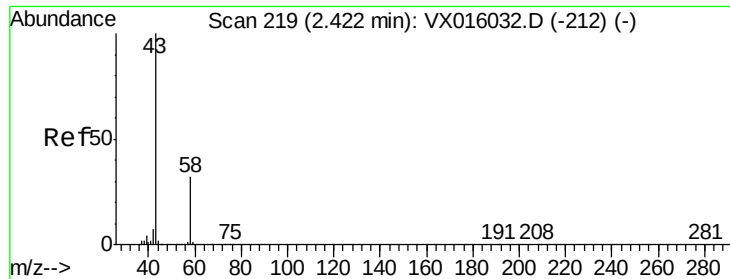
500

0

1.30 1.35

Time-->





#16

Acetone

Concen: 2.578 ug/l

RT: 2.42 min Scan# 218

Delta R.T. -0.01 min

Lab File: VX016100.D

Acq: 07 May 2020 17:35

Instrument :

MSVOA_X

ClientSampleId :

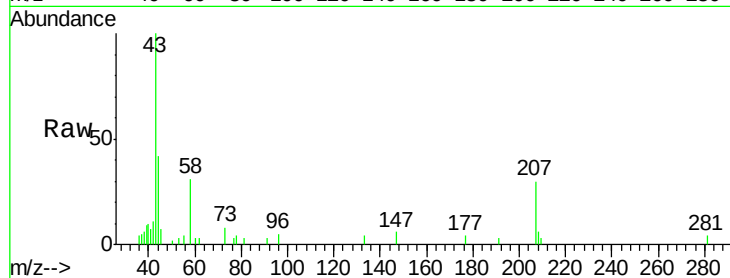
SS052MW717-200506

Tot Ion: 43 Resp: 4103

Ion Ratio Lower Upper

43 100

58 31.0 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

2000

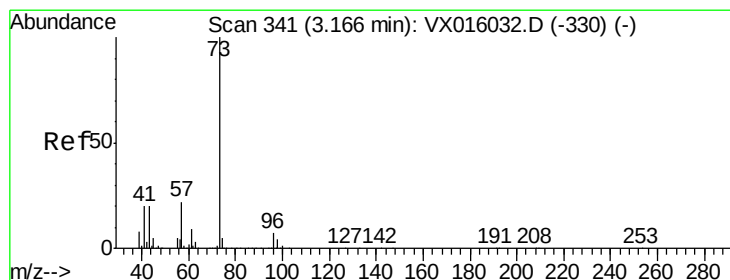
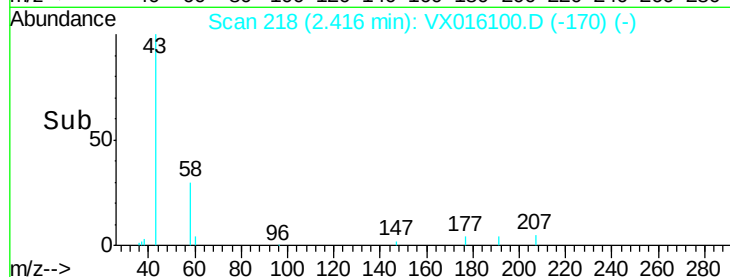
1500

1000

500

0

Time--> 2.35 2.40 2.45 2.50



#19

Methyl tert-butyl Ether

Concen: 0.289 ug/l

RT: 3.18 min Scan# 343

Delta R.T. 0.01 min

Lab File: VX016100.D

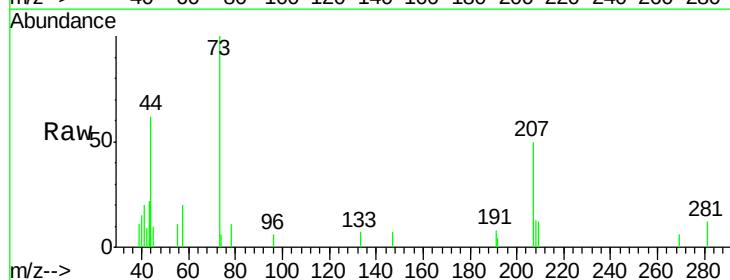
Acq: 07 May 2020 17:35

Tgt Ion: 73 Resp: 2805

Ion Ratio Lower Upper

73 100

57 22.5 17.8 26.6



Abundance Ion 73.00 (72.70 to 73.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

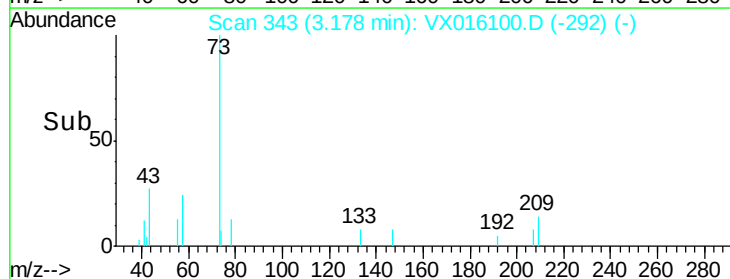
3.18

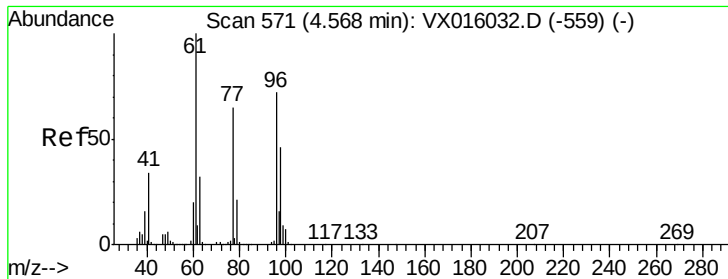
1000

500

0

Time--> 3.10 3.20 3.30



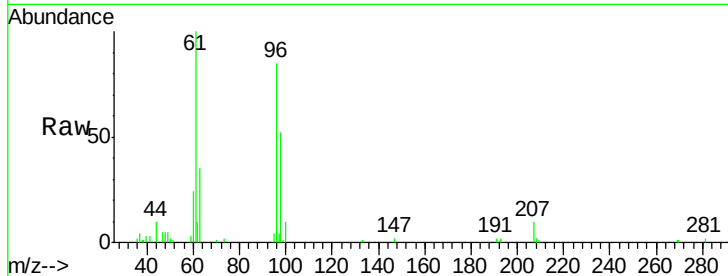


#27

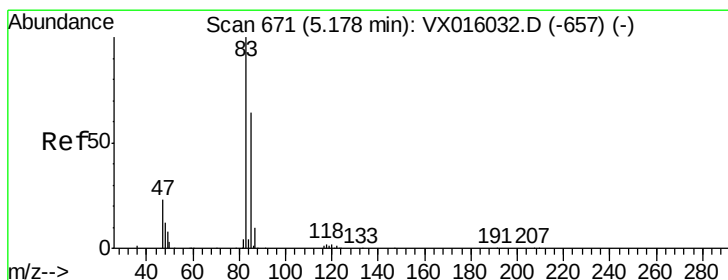
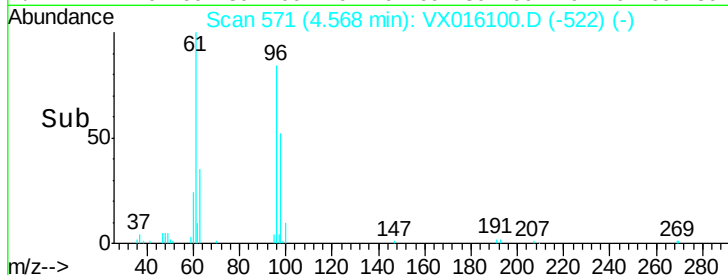
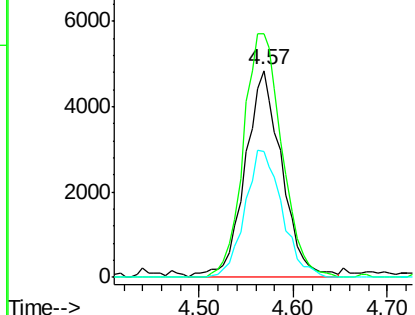
cis-1,2-Dichloroethene
 Concen: 3.863 ug/l
 RT: 4.57 min Scan# 571
 Delta R.T. -0.00 min
 Lab File: VX016100.D
 Acq: 07 May 2020 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW717-200506

Tot Ion	96	Resp	13260
Ion	Ratio	Lower	Upper
96	100		
61	123.3	0.0	296.2
98	62.0	0.0	129.4



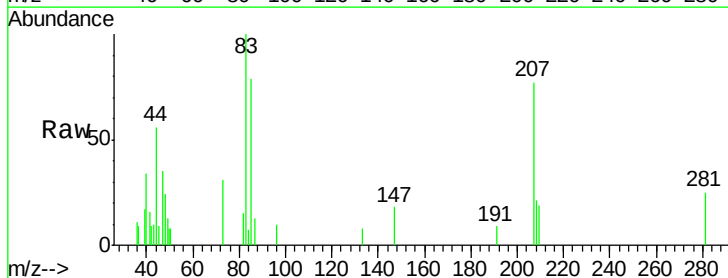
Abundance Ion 95.90 (95.60 to 96.60): VX0
 Ion 60.90 (60.60 to 61.60): VX0
 Ion 97.90 (97.60 to 98.60): VX0



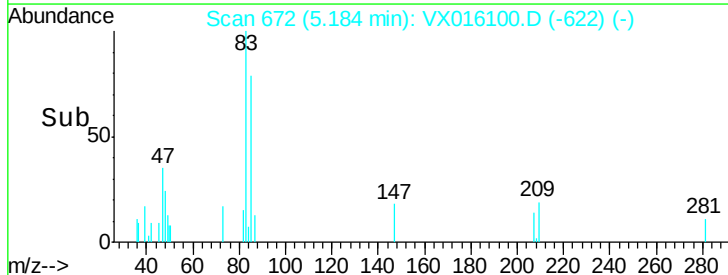
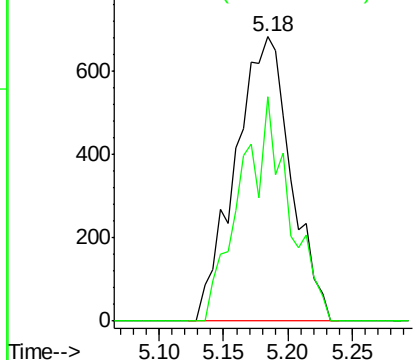
#30

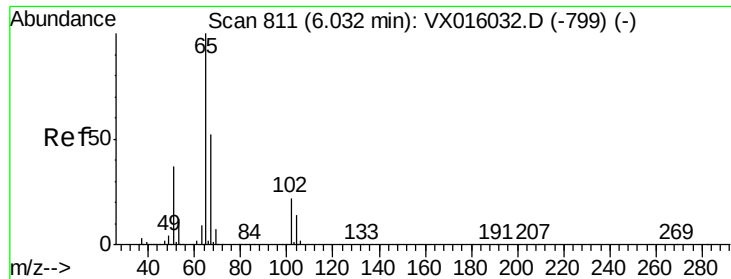
Chloroform
 Concen: 0.376 ug/l
 RT: 5.18 min Scan# 672
 Delta R.T. 0.01 min
 Lab File: VX016100.D
 Acq: 07 May 2020 17:35

Tgt Ion	83	Resp	2043
Ion	Ratio	Lower	Upper
83	100		
85	78.7	51.6	77.4#



Abundance Ion 82.90 (82.60 to 83.60): VX0
 Ion 84.90 (84.60 to 85.60): VX0

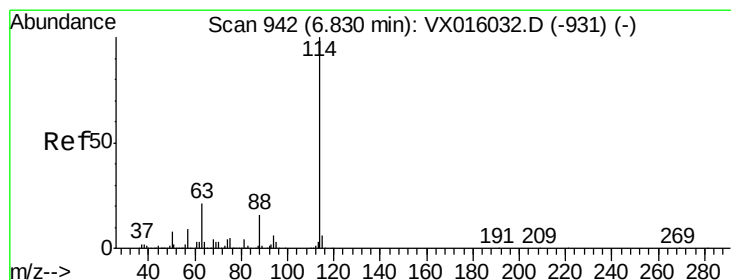
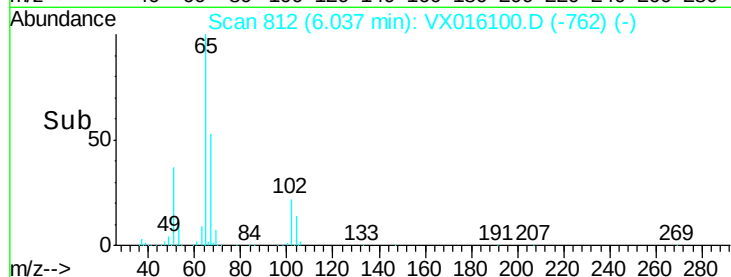
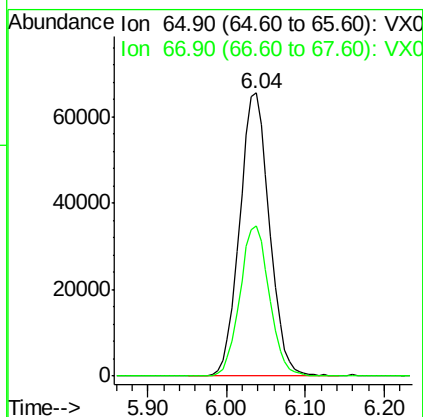
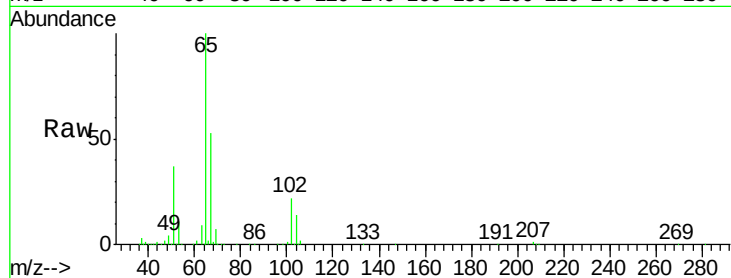




#33
 1,2-Dichloroethane-d4
 Concen: 48.323 ug/l
 RT: 6.04 min Scan# 812
 Delta R.T. 0.01 min
 Lab File: VX016100.D
 Acq: 07 May 2020 17:35

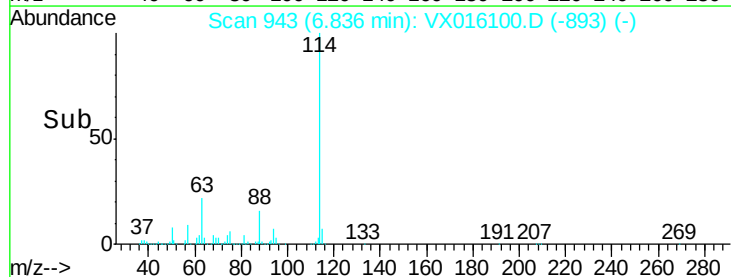
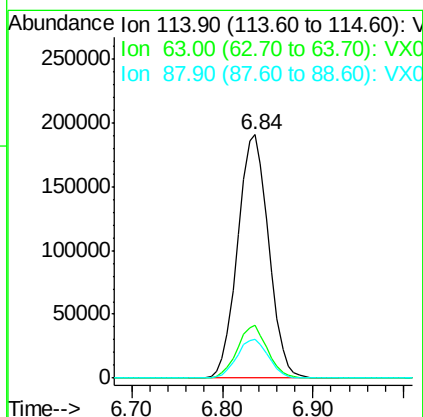
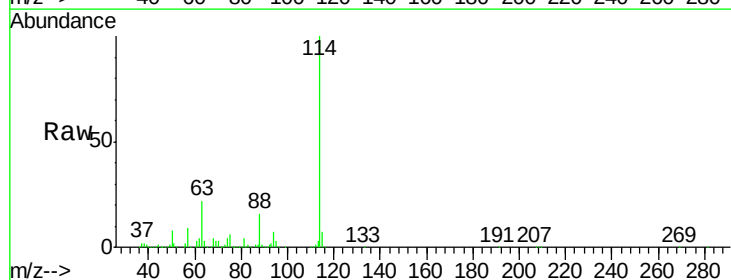
Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW717-200506

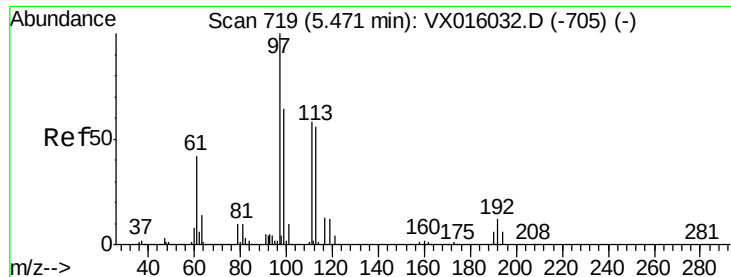
Tot Ion: 65 Resp: 172362
 Ion Ratio Lower Upper
 65 100
 67 52.7 0.0 104.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX016100.D
 Acq: 07 May 2020 17:35

Tgt Ion: 114 Resp: 452346
 Ion Ratio Lower Upper
 114 100
 63 21.5 0.0 42.8
 88 16.0 0.0 31.4





#35

Dibromofluoromethane

Concen: 47.463 ug/l

RT: 5.46 min Scan# 718

Delta R.T. -0.01 min

Lab File: VX016100.D

Acq: 07 May 2020 17:35

Instrument :

MSVOA_X

ClientSampleId :

SS052MW717-200506

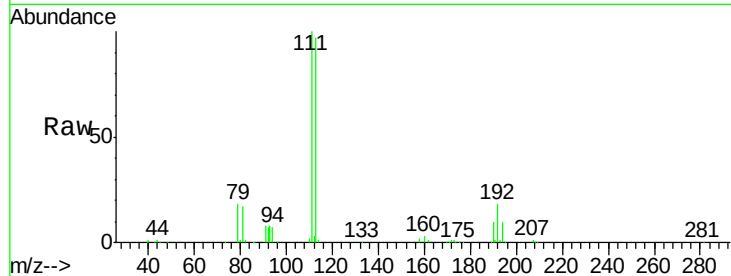
Tot Ion:113 Resp: 136019

Ion Ratio Lower Upper

113 100

111 102.7 81.6 122.4

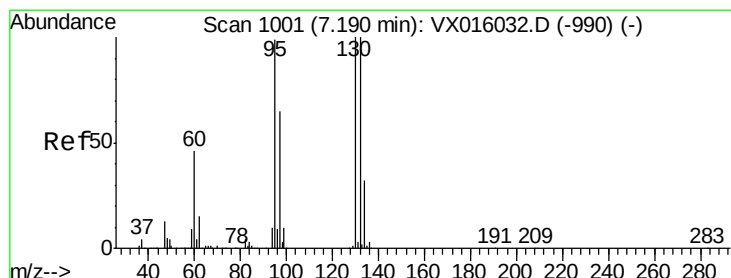
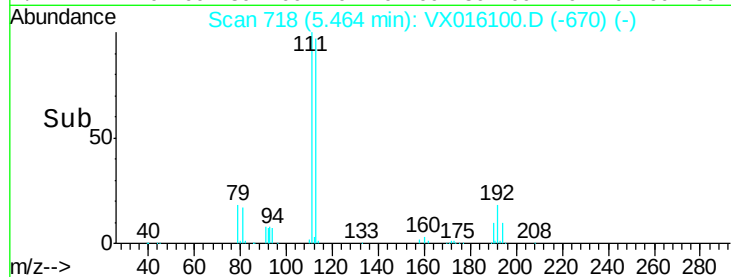
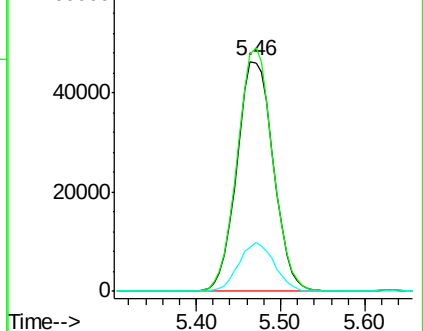
192 20.7 17.0 25.4



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: 7.739 ug/l

RT: 7.20 min Scan# 1002

Delta R.T. 0.01 min

Lab File: VX016100.D

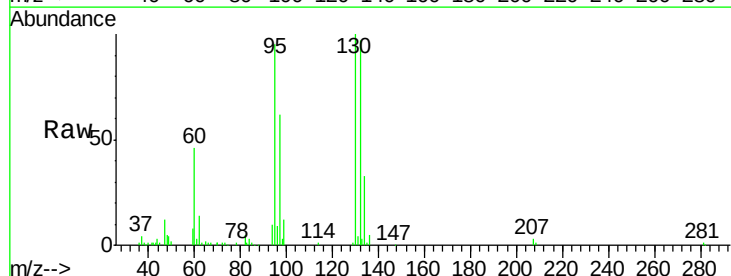
Acq: 07 May 2020 17:35

Tgt Ion:130 Resp: 35818

Ion Ratio Lower Upper

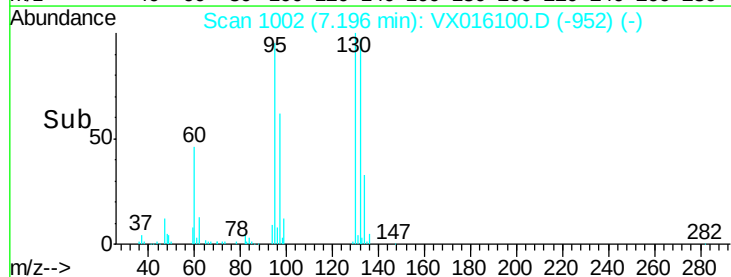
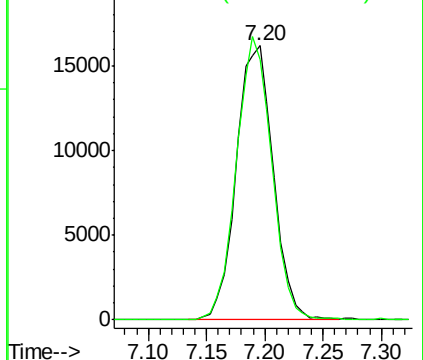
130 100

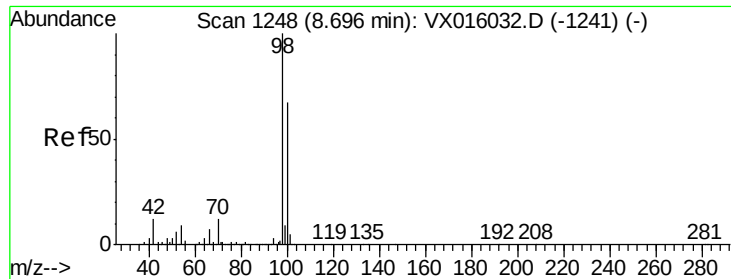
95 95.0 0.0 197.4



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 50.593 ug/l

RT: 8.70 min Scan# 1248

Delta R.T. -0.00 min

Lab File: VX016100.D

Acq: 07 May 2020 17:35

Instrument :

MSVOA_X

ClientSampleId :

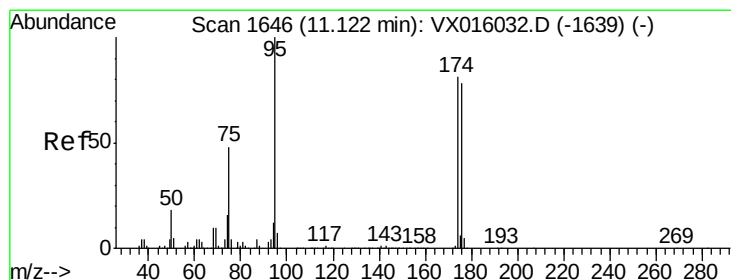
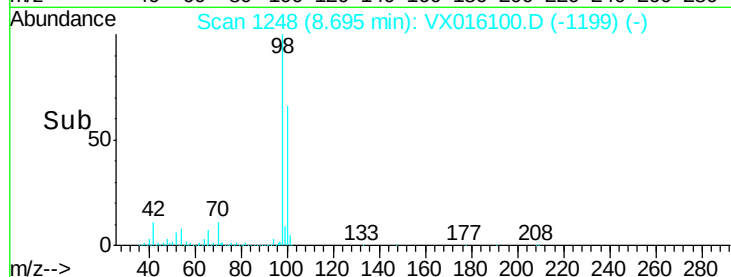
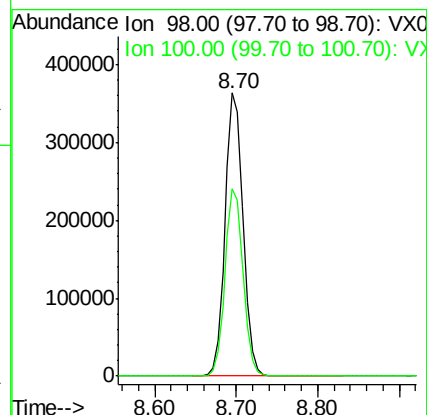
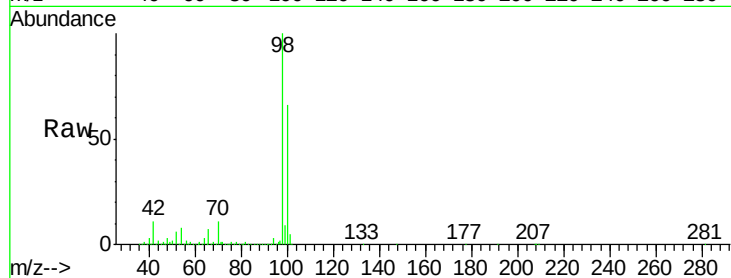
SS052MW717-200506

Tot Ion: 98 Resp: 558652

Ion Ratio Lower Upper

98 100

100 66.4 53.7 80.5



#62

4-Bromofluorobenzene

Concen: 53.409 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. -0.00 min

Lab File: VX016100.D

Acq: 07 May 2020 17:35

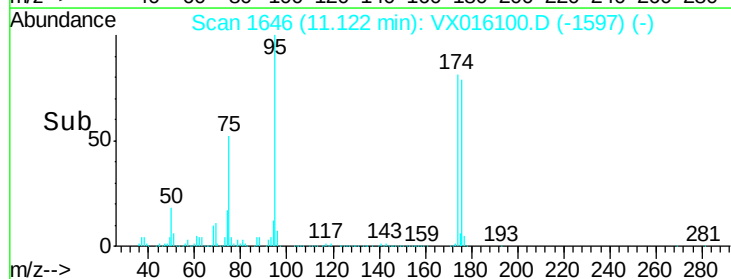
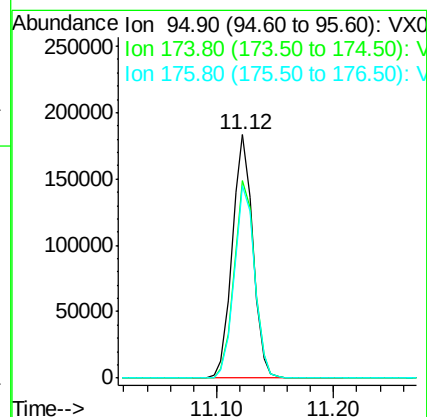
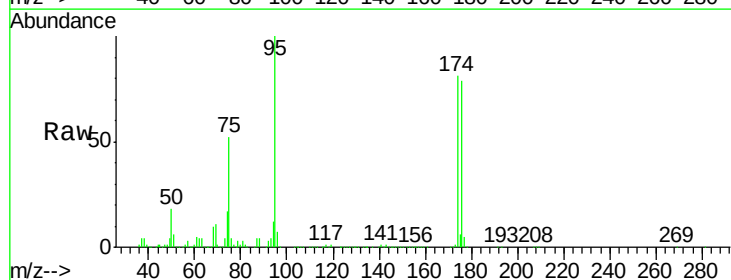
Tgt Ion: 95 Resp: 224312

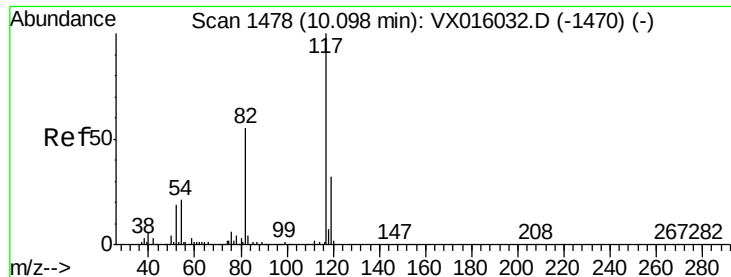
Ion Ratio Lower Upper

95 100

174 81.3 0.0 159.4

176 79.3 0.0 157.6

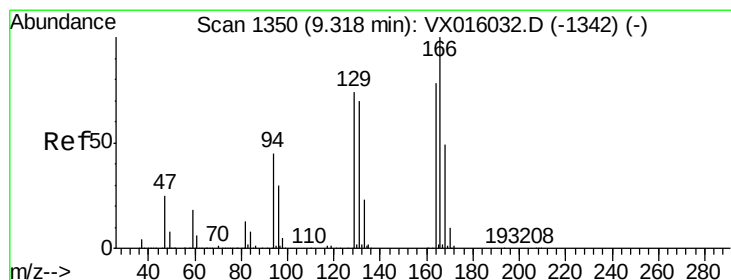
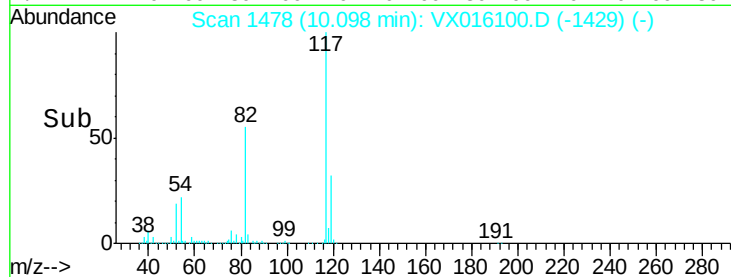
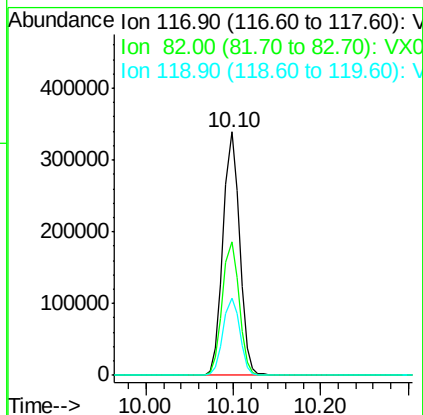
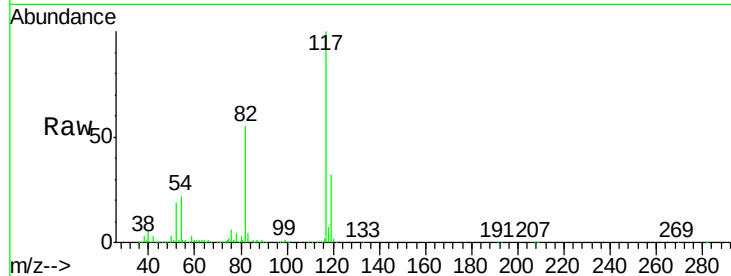




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.10 min Scan# 1478
Delta R.T. -0.00 min
Lab File: VX016100.D
Acq: 07 May 2020 17:35

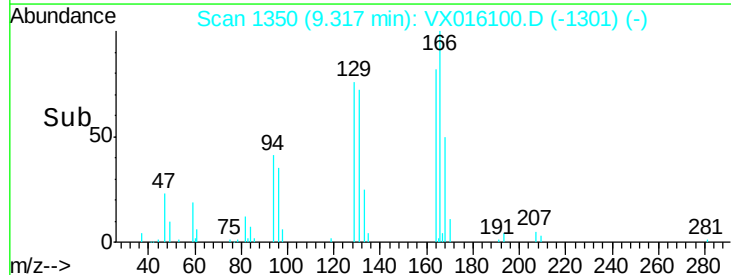
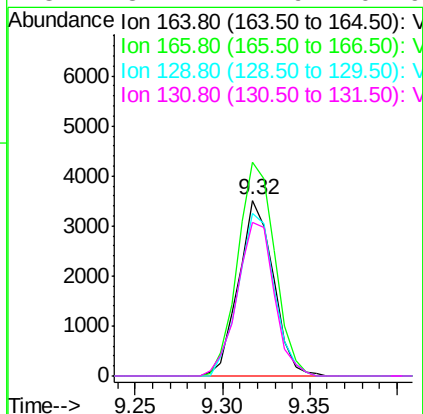
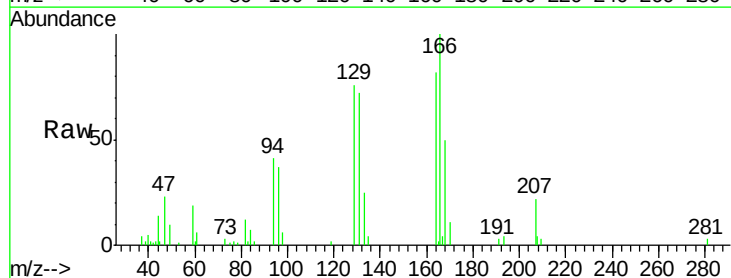
Instrument :
MSVOA_X
ClientSampleId :
SS052MW717-200506

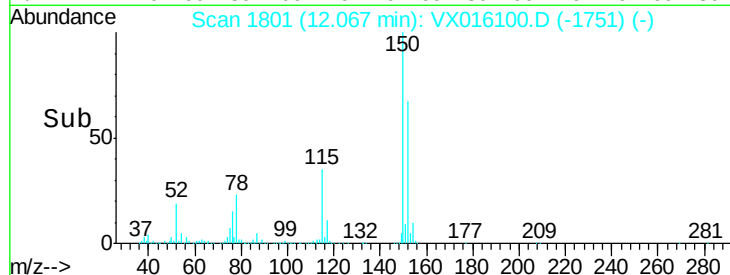
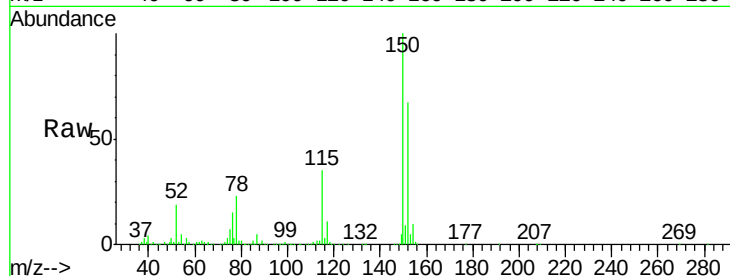
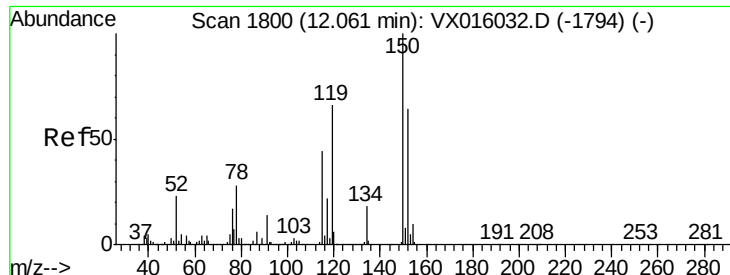
Tot Ion:117 Resp: 444349
Ion Ratio Lower Upper
117 100
82 54.7 44.4 66.6
119 32.0 25.5 38.3



#64
Tetrachloroethene
Concen: 0.890 ug/l
RT: 9.32 min Scan# 1350
Delta R.T. -0.00 min
Lab File: VX016100.D
Acq: 07 May 2020 17:35

Tgt Ion:164 Resp: 4856
Ion Ratio Lower Upper
164 100
166 121.6 102.9 154.3
129 92.3 76.1 114.1
131 87.1 71.9 107.9





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1801
 Delta R.T. 0.01 min
 Lab File: VX016100.D
 Acq: 07 May 2020 17:35

Instrument :
 MSVOA_X
 ClientSampleId :
 SS052MW717-200506

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.3	41.3	124.1
150	155.0	0.0	352.2

