

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050219\
 Data File : VX009294.D
 Acq On : 02 May 2019 23:30
 Operator : JC/SP
 Sample : K2660-05DL 4X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0512-190429DL

Quant Time: May 03 04:20:42 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

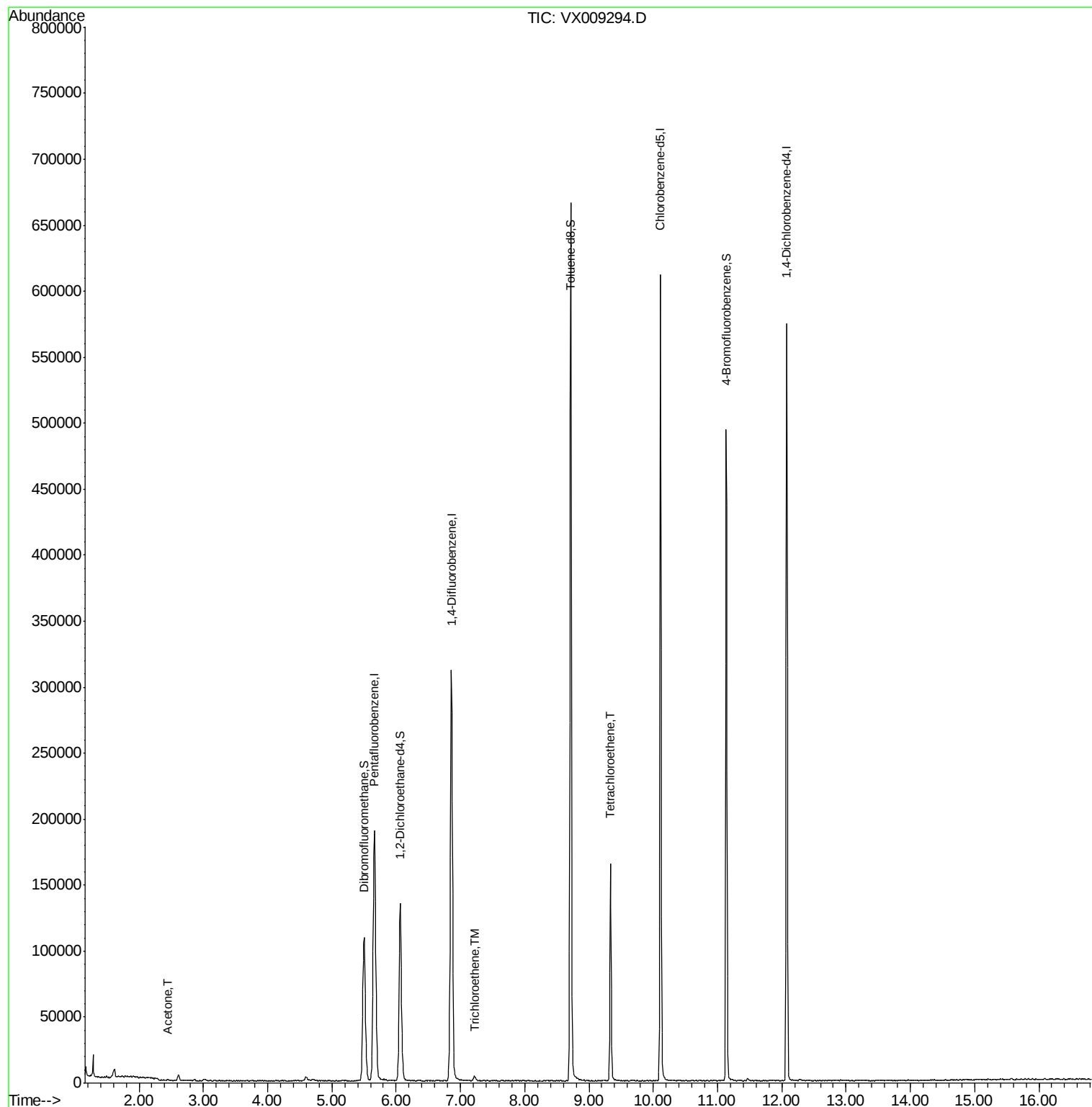
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	189300	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	306509	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	271001	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	119624	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	126683	49.02	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.04%	
35) Dibromofluoromethane	5.50	113	93385	48.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.94%	
50) Toluene-d8	8.71	98	387978	49.87	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.74%	
62) 4-Bromofluorobenzene	11.13	95	129536	45.83	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.66%	
Target Compounds						
16) Acetone	2.44	43	1377	0.992	ug/l	90
44) Trichloroethene	7.22	130	1346	0.632	ug/l	77
64) Tetrachloroethene	9.34	164	32435	17.448	ug/l	97

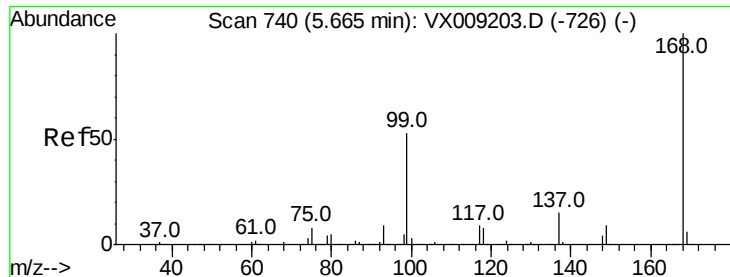
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 30 07:03:50 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX009294.D

Acq: 02 May 2019 23:30

Instrument :

MSVOA_X

ClientSampleId :

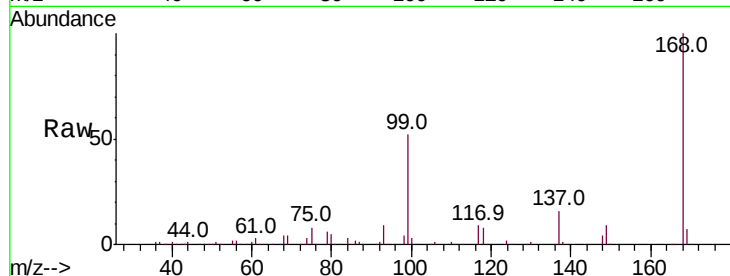
DUP-0512-190429DL

Tot Ion:168 Resp: 189300

Ion Ratio Lower Upper

168 100

99 52.0 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

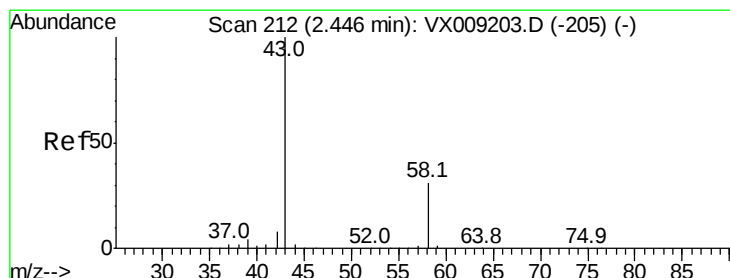
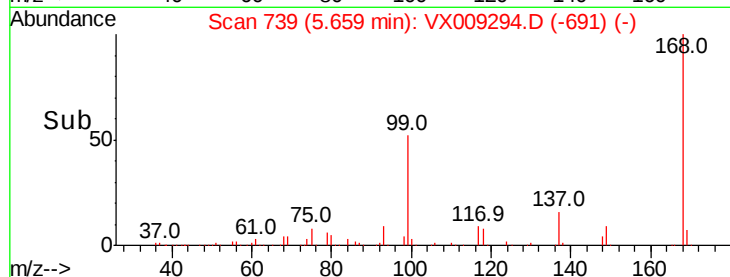
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 0.992 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX009294.D

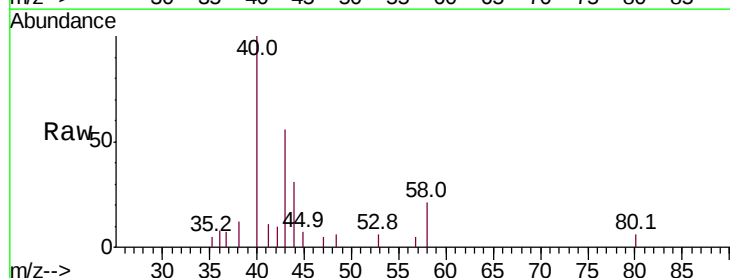
Acq: 02 May 2019 23:30

Tgt Ion: 43 Resp: 1377

Ion Ratio Lower Upper

43 100

58 36.9 24.9 37.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

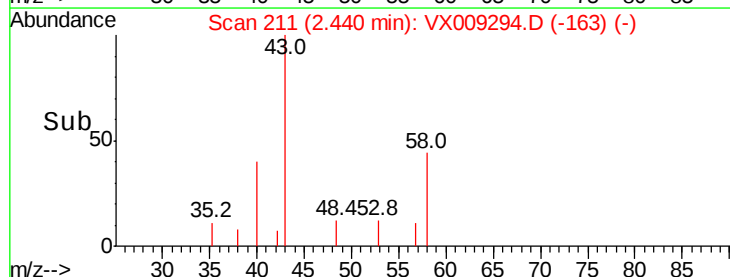
600

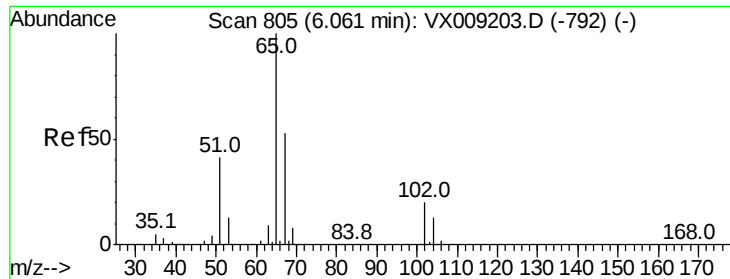
400

200

0

Time--> 2.35 2.40 2.45 2.50 2.55





#33

1,2-Dichloroethane-d4

Concen: 49.023 ug/l

RT: 6.06 min Scan# 805

Delta R.T. 0.00 min

Lab File: VX009294.D

Acq: 02 May 2019 23:30

Instrument :

MSVOA_X

ClientSampleId :

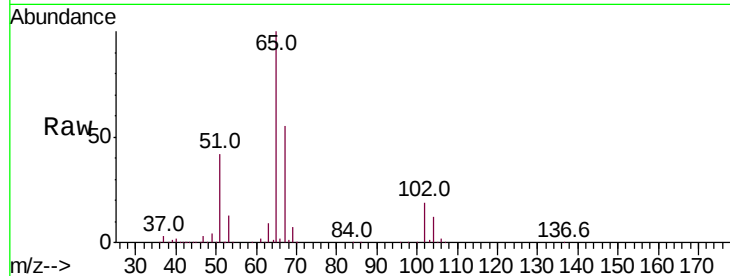
DUP-0512-190429DL

Tot Ion: 65 Resp: 126683

Ion Ratio Lower Upper

65 100

67 53.1 0.0 106.6



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

6.06

50000

40000

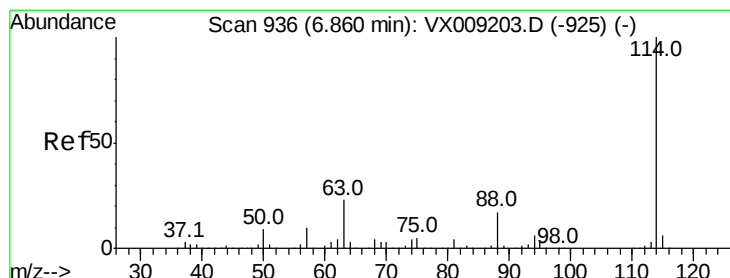
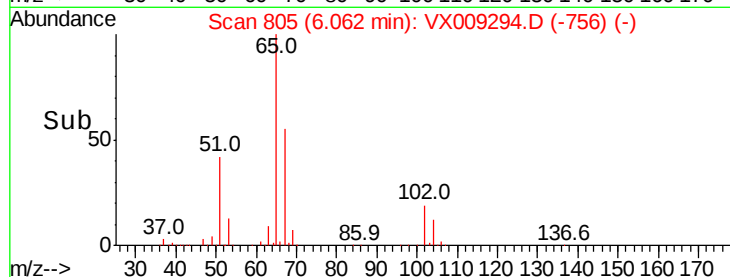
30000

20000

10000

0

Time--> 5.90 6.00 6.10 6.20



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX009294.D

Acq: 02 May 2019 23:30

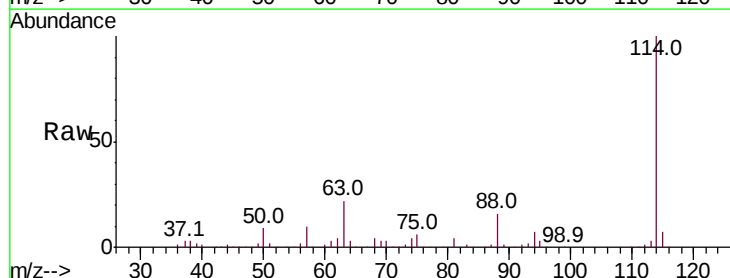
Tgt Ion:114 Resp: 306509

Ion Ratio Lower Upper

114 100

63 22.2 0.0 45.6

88 16.3 0.0 33.2



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

6.86

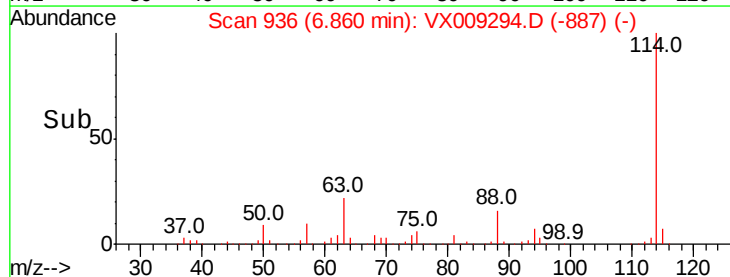
150000

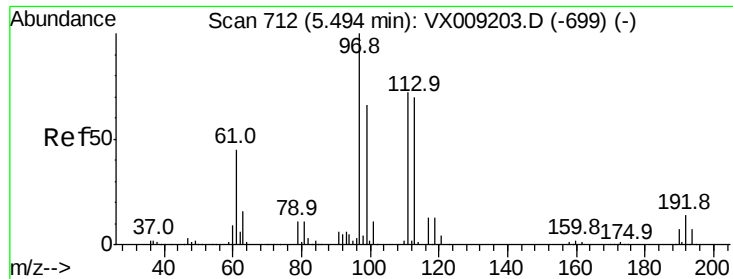
100000

50000

0

Time--> 6.70 6.80 6.90 7.00





#35

Dibromofluoromethane

Concen: 48.465 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.01 min

Lab File: VX009294.D

Acq: 02 May 2019 23:30

Instrument :

MSVOA_X

ClientSampleId :

DUP-0512-190429DL

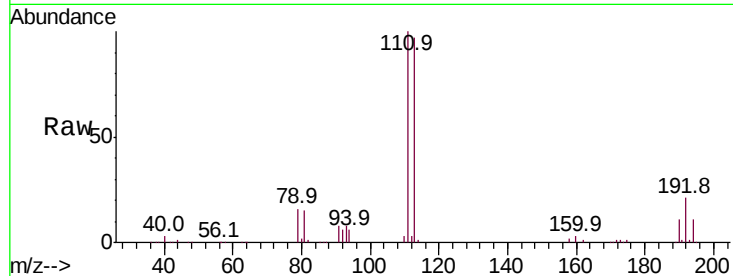
Tot Ion:113 Resp: 93385

Ion Ratio Lower Upper

113 100

111 103.0 82.8 124.2

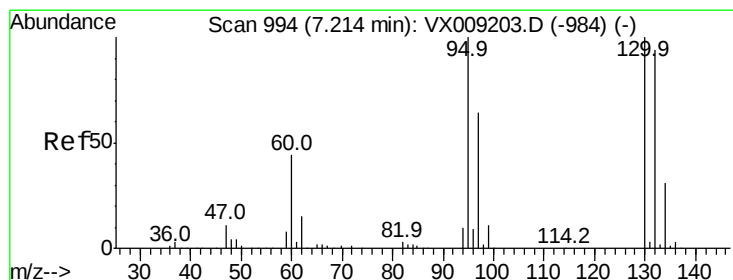
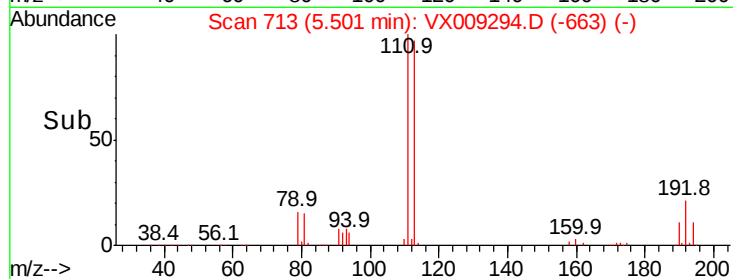
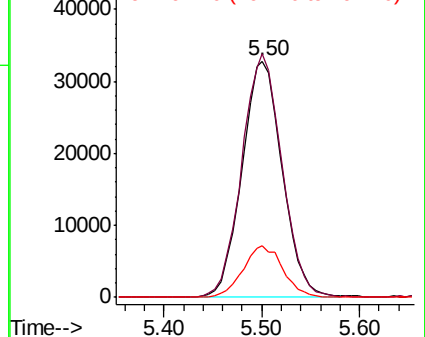
192 21.7 17.0 25.6



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: 0.632 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX009294.D

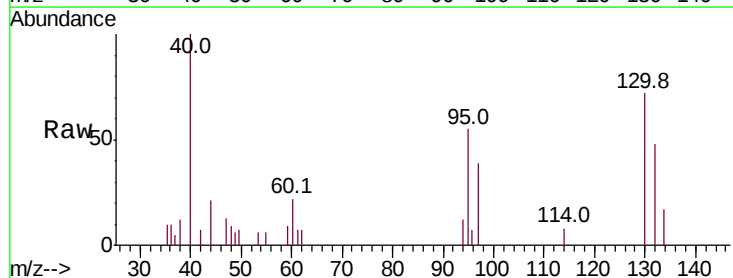
Acq: 02 May 2019 23:30

Tgt Ion:130 Resp: 1346

Ion Ratio Lower Upper

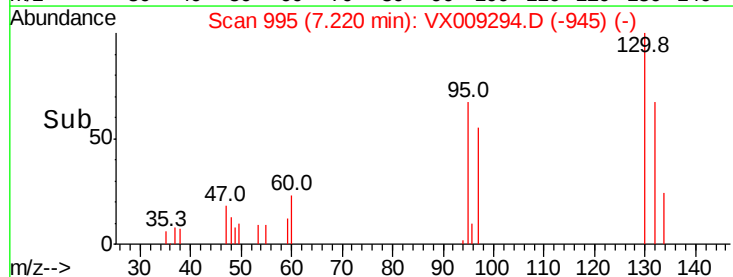
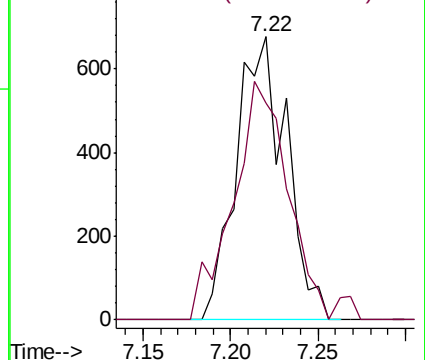
130 100

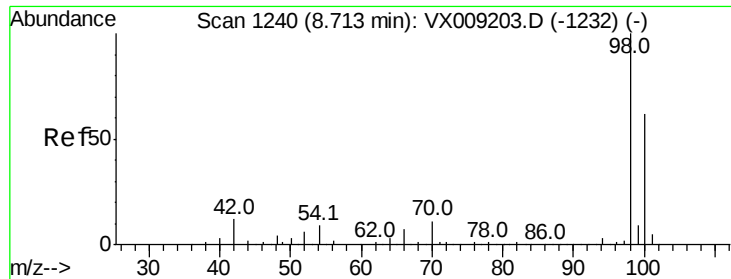
95 76.7 0.0 199.2



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): V





#50

Toluene-d8

Concen: 49.874 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX009294.D

Acq: 02 May 2019 23:30

Instrument :

MSVOA_X

ClientSampleId :

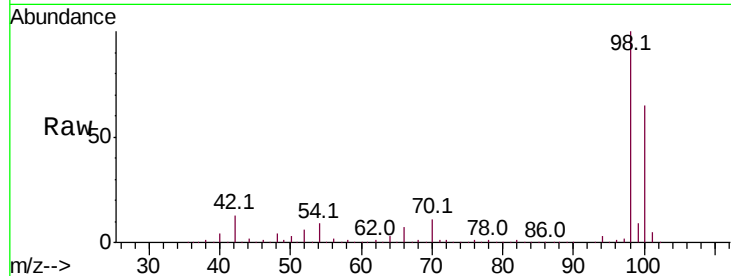
DUP-0512-190429DL

Tot Ion: 98 Resp: 387978

Ion Ratio Lower Upper

98 100

100 64.0 51.2 76.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V

8.71

250000

200000

150000

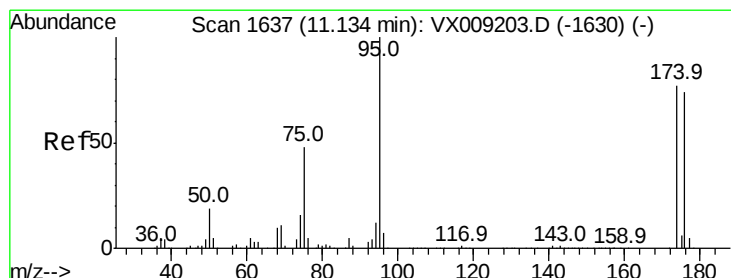
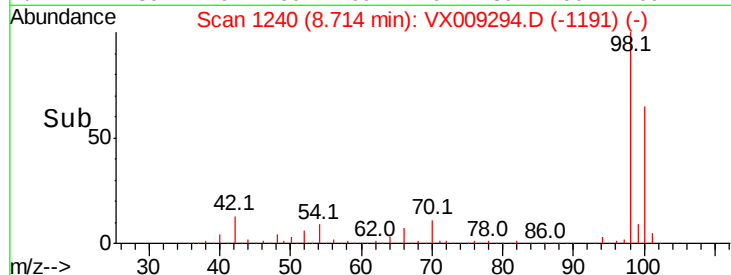
100000

50000

0

8.60 8.70 8.80 8.90

Time-->



#62

4-Bromofluorobenzene

Concen: 45.827 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX009294.D

Acq: 02 May 2019 23:30

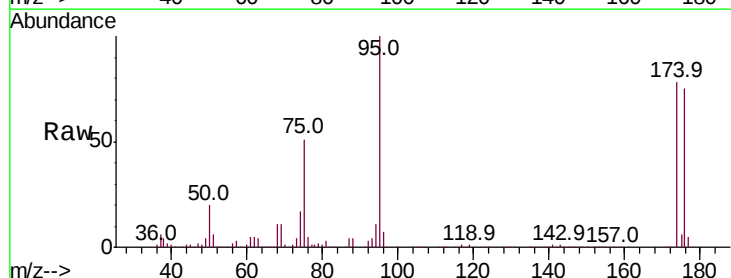
Tgt Ion: 95 Resp: 129536

Ion Ratio Lower Upper

95 100

174 82.4 0.0 161.6

176 80.2 0.0 159.2



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

11.13

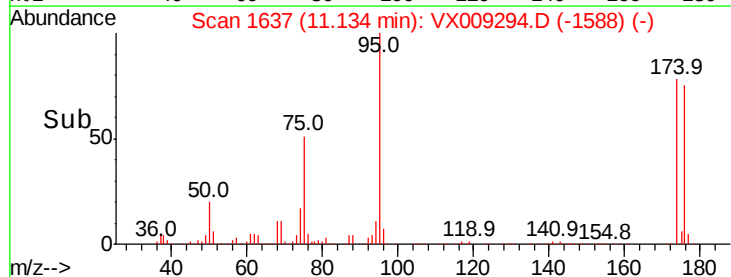
100000

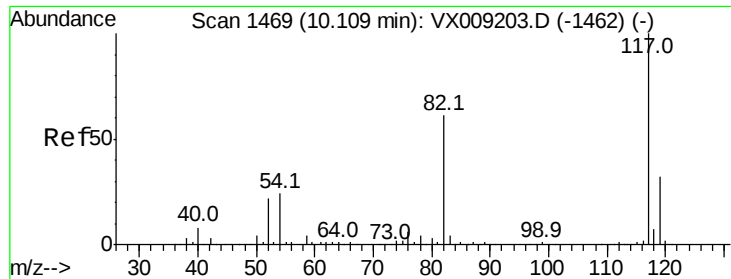
50000

0

11.05 11.10 11.15 11.20

Time-->

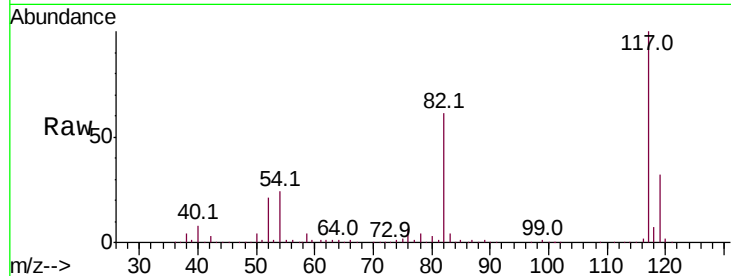




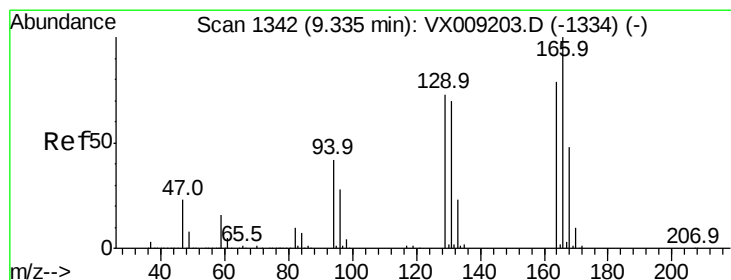
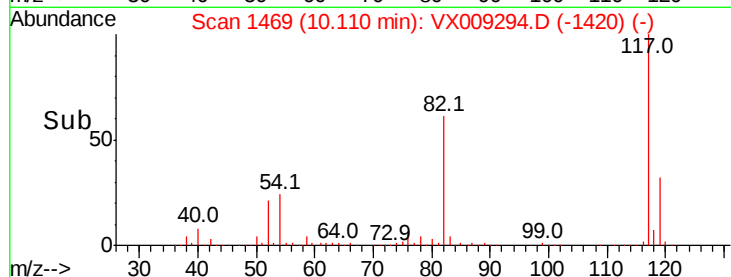
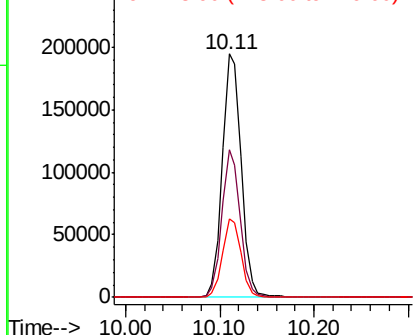
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. 0.00 min
Lab File: VX009294.D
Acq: 02 May 2019 23:30

Instrument :
MSVOA_X
ClientSampleId :
DUP-0512-190429DL

Tot Ion:117 Resp: 271001
Ion Ratio Lower Upper
117 100
82 60.6 48.8 73.2
119 32.1 25.8 38.6

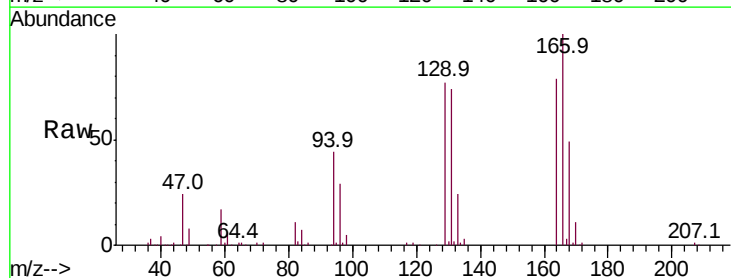


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

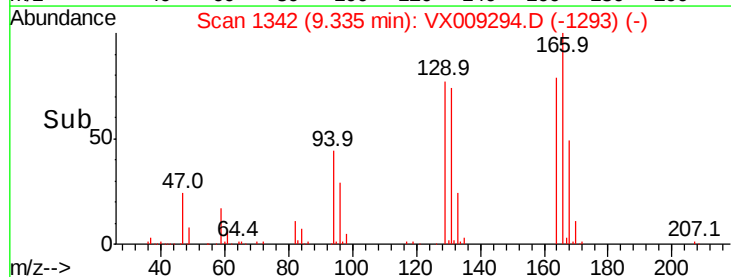
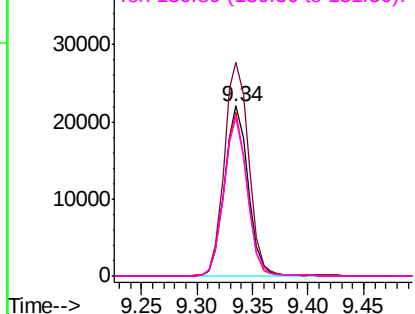


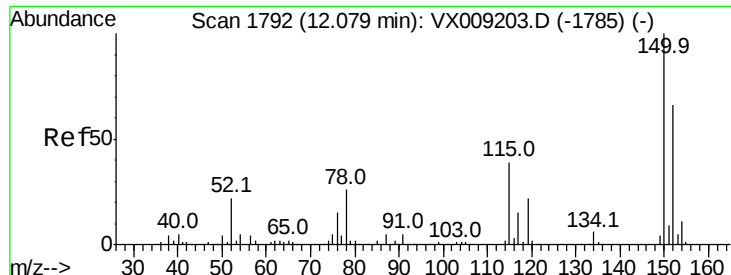
#64
Tetrachloroethene
Concen: 17.448 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX009294.D
Acq: 02 May 2019 23:30

Tgt Ion:164 Resp: 32435
Ion Ratio Lower Upper
164 100
166 125.9 101.2 151.8
129 96.4 74.3 111.5
131 93.3 71.0 106.6



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

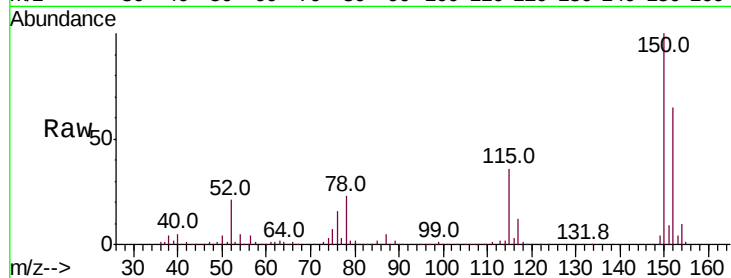




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX009294.D
 Acq: 02 May 2019 23:30

Instrument :
 MSVOA_X
 ClientSampleId :
 DUP-0512-190429DL

Tot Ion	Ratio	Lower	Upper
152	100		
115	58.2	41.2	123.6
150	155.9	0.0	346.4



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

