

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU083119\
 Data File : VU034103.D
 Acq On : 30 Aug 2019 17:03
 Operator : JC/SP
 Sample : K4620-16ME
 Misc : 6.28g/5mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 S504-K2-9.5-10.0-082919ME

Quant Time: Aug 30 17:59:14 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

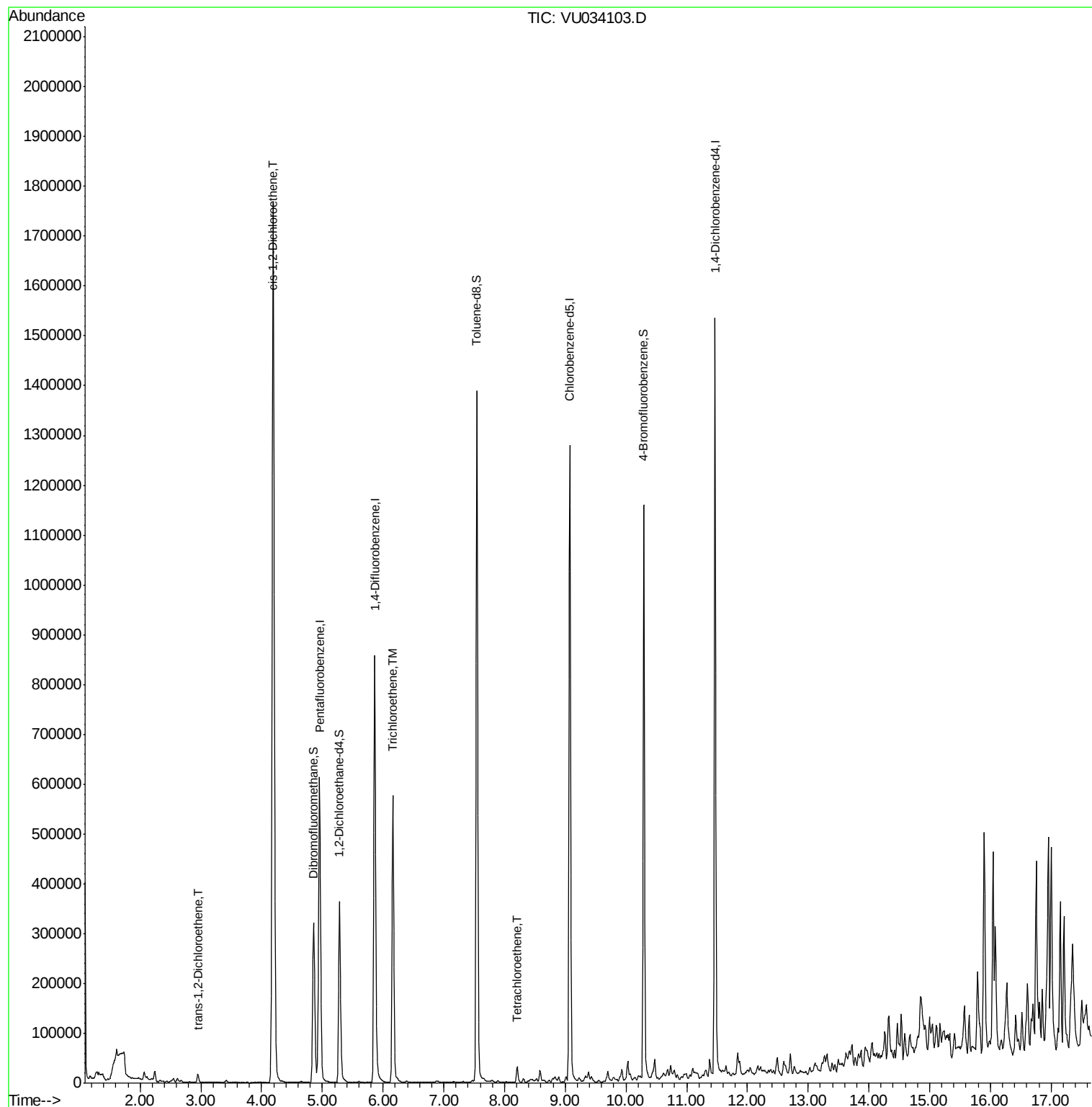
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.95	168	515253	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	807708	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	788471	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	415775	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.28	65	294947	44.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.34%	
35) Dibromofluoromethane	4.86	113	249614	44.56	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.12%	
50) Toluene-d8	7.55	98	1003111	47.82	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.64%	
62) 4-Bromofluorobenzene	10.29	95	400677	49.10	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.20%	
Target Compounds						
21) trans-1,2-Dichloroethene	2.95	96	6503	1.162	ug/l	92
27) cis-1,2-Dichloroethene	4.19	96	1053847	167.718	ug/l	89
44) Trichloroethene	6.16	130	215895	35.568	ug/l	97
64) Tetrachloroethene	8.21	164	7216	1.363	ug/l	93

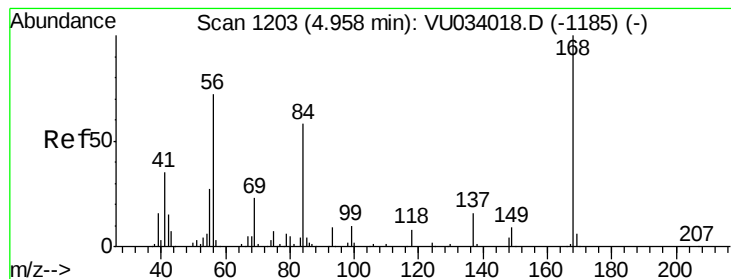
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA U\DATA\VU083119\
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Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 4.95 min Scan# 1202

Delta R.T. -0.00 min

Lab File: VU034103.D

Acq: 30 Aug 2019 17:03

Instrument :

MSVOA_U

ClientSampleId :

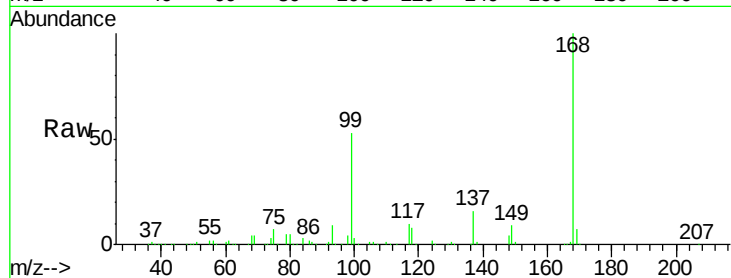
S504-K2-9.5-10.0-082919ME

Tot Ion:168 Resp: 515253

Ion Ratio Lower Upper

168 100

99 53.2 42.3 63.5



Abundance Ion 167.90 (167.60 to 168.60): VU034018.D (-1185) (-)

Ion 98.90 (98.60 to 99.60): VU034018.D (-1185) (-)

4.95

250000

200000

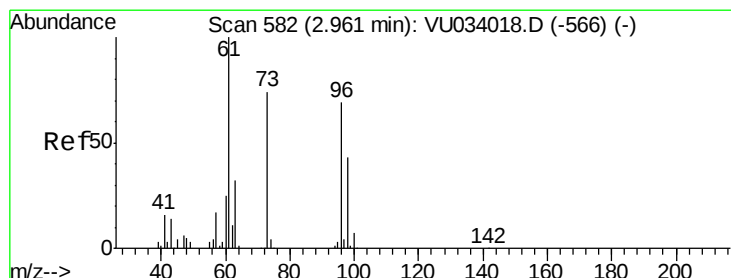
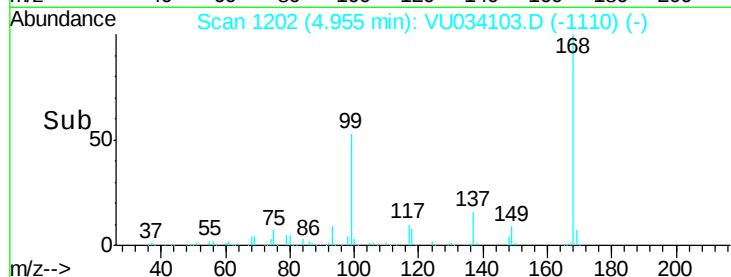
150000

100000

50000

0

Time-->



#21

trans-1,2-Dichloroethene

Concen: 1.162 ug/l

RT: 2.95 min Scan# 579

Delta R.T. -0.01 min

Lab File: VU034103.D

Acq: 30 Aug 2019 17:03

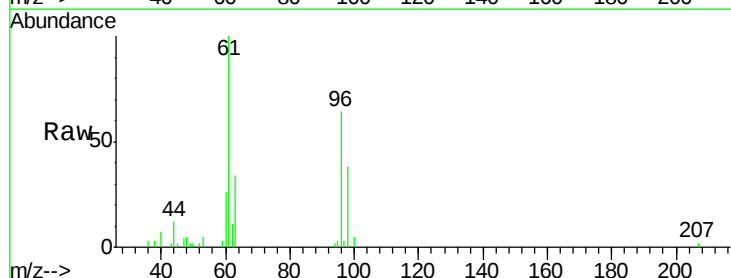
Tgt Ion: 96 Resp: 6503

Ion Ratio Lower Upper

96 100

61 156.8 115.5 173.3

98 59.1 50.1 75.1



Abundance Ion 95.90 (95.60 to 96.60): VU034018.D (-566) (-)

Ion 60.90 (60.60 to 61.60): VU034018.D (-566) (-)

Ion 97.90 (97.60 to 98.60): VU034018.D (-566) (-)

2.95

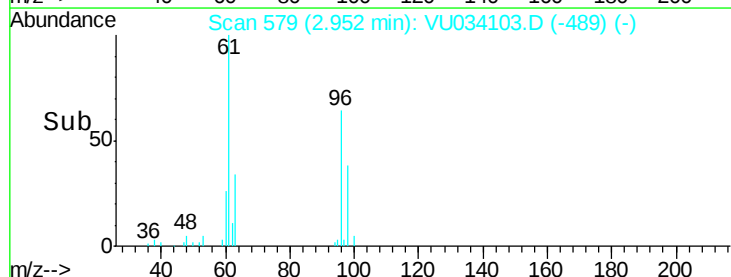
6000

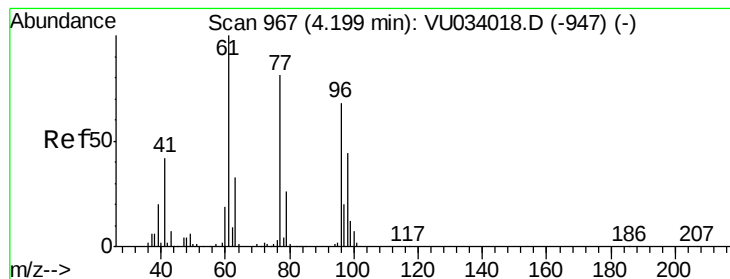
4000

2000

0

Time-->





#27

cis-1,2-Dichloroethene

Concen: 167.718 ug/l

RT: 4.19 min Scan# 964

Delta R.T. -0.01 min

Lab File: VU034103.D

Acq: 30 Aug 2019 17:03

Instrument :

MSVOA_U

ClientSampleId :

S504-K2-9.5-10.0-082919ME

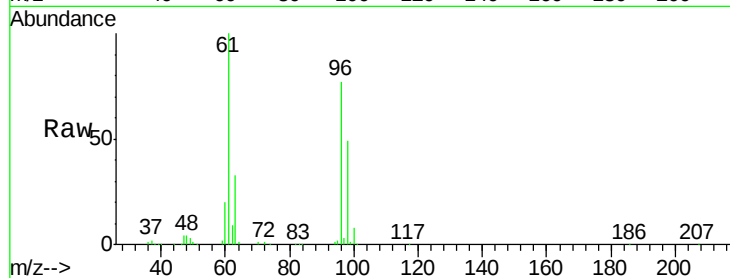
Tot Ion: 96 Resp: 1053847

Ion	Ratio	Lower	Upper
96	100		
61	131.3	0.0	303.0
98	64.5	0.0	129.2

96 100

61 131.3 0.0 303.0

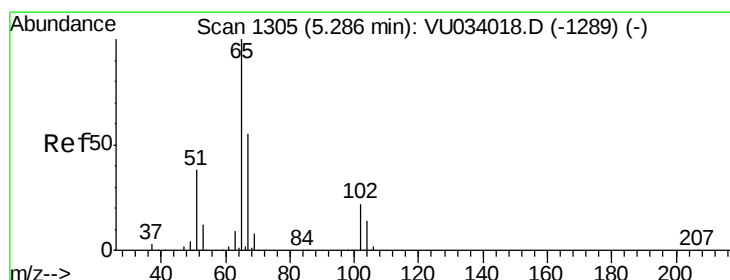
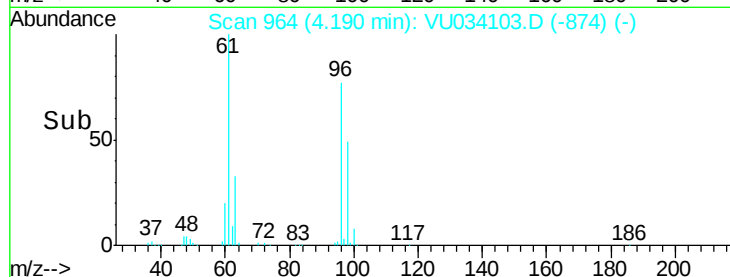
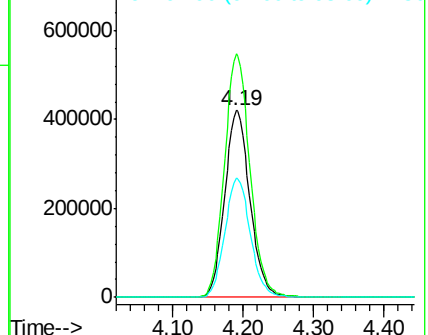
98 64.5 0.0 129.2



Abundance Ion 95.90 (95.60 to 96.60): VU0

Ion 60.90 (60.60 to 61.60): VU0

Ion 97.90 (97.60 to 98.60): VU0



#33

1,2-Dichloroethane-d4

Concen: 44.674 ug/l

RT: 5.28 min Scan# 1304

Delta R.T. -0.00 min

Lab File: VU034103.D

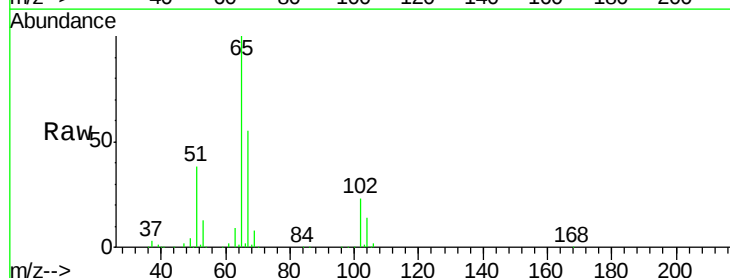
Acq: 30 Aug 2019 17:03

Tgt Ion: 65 Resp: 294947

Ion	Ratio	Lower	Upper
65	100		
67	54.9	0.0	110.6

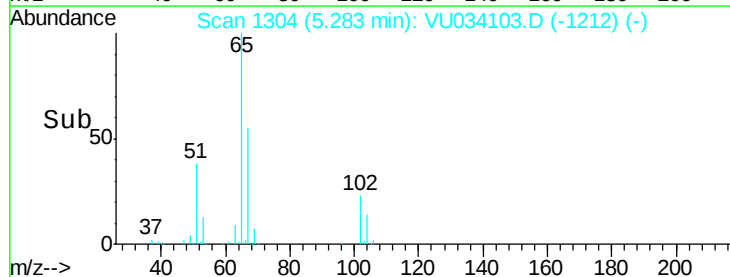
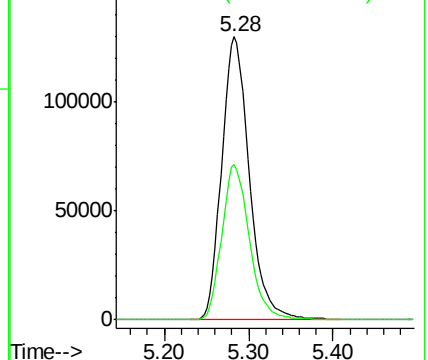
65 100

67 54.9 0.0 110.6



Abundance Ion 64.90 (64.60 to 65.60): VU0

Ion 66.90 (66.60 to 67.60): VU0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.86 min Scan# 1484

Delta R.T. -0.00 min

Lab File: VU034103.D

Acq: 30 Aug 2019 17:03

Instrument :

MSVOA_U

ClientSampleId :

S504-K2-9.5-10.0-082919ME

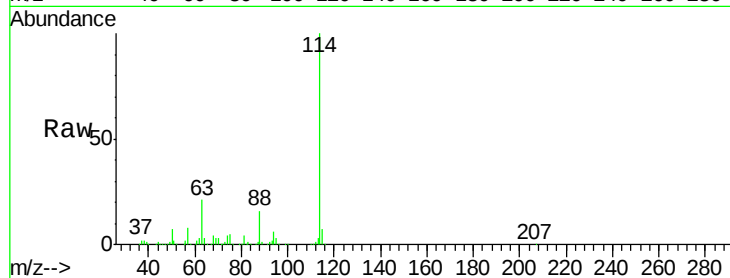
Tot Ion:114 Resp: 807708

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.0

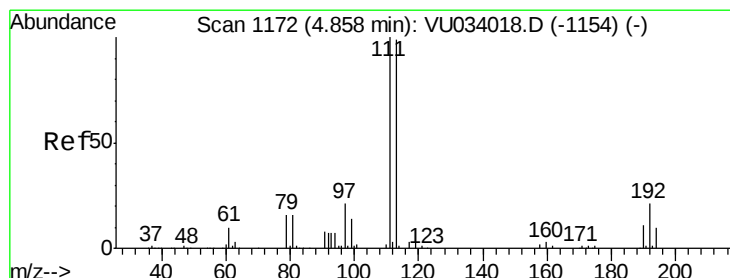
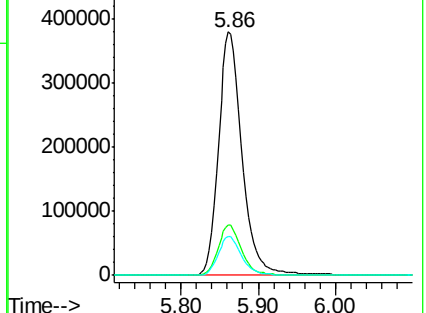
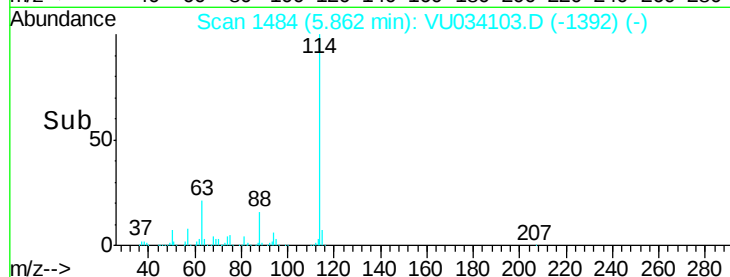
88 15.9 0.0 32.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VU0

Ion 87.90 (87.60 to 88.60): VU0



#35

Dibromofluoromethane

Concen: 44.557 ug/l

RT: 4.86 min Scan# 1171

Delta R.T. -0.00 min

Lab File: VU034103.D

Acq: 30 Aug 2019 17:03

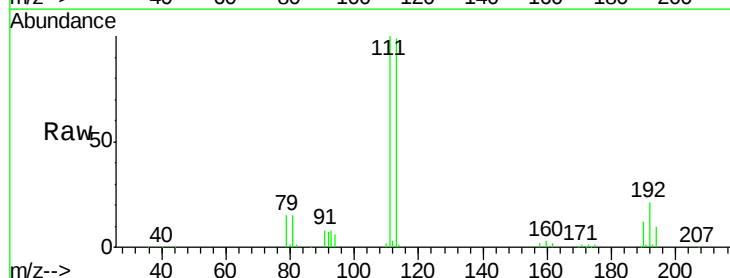
Tgt Ion:113 Resp: 249614

Ion Ratio Lower Upper

113 100

111 101.5 81.7 122.5

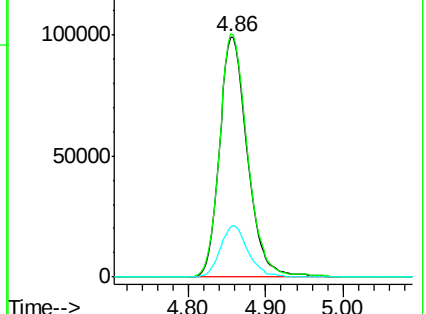
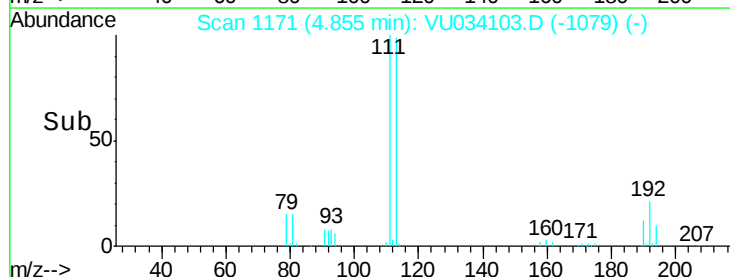
192 21.3 17.1 25.7

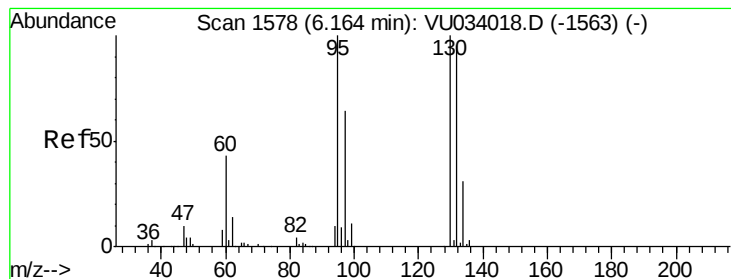


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 35.568 ug/l

RT: 6.16 min Scan# 1578

Delta R.T. 0.00 min

Lab File: VU034103.D

Acq: 30 Aug 2019 17:03

Instrument :

MSVOA_U

ClientSampleId :

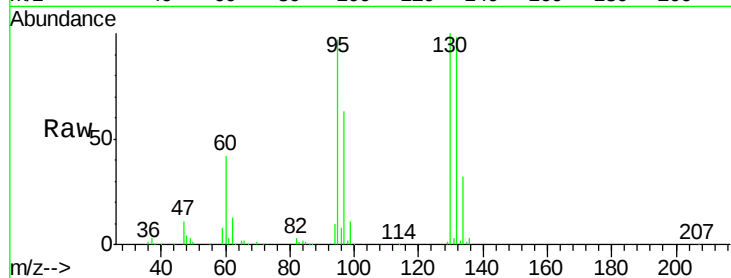
S504-K2-9.5-10.0-082919ME

Tot Ion:130 Resp: 215895

Ion Ratio Lower Upper

130 100

95 96.5 0.0 199.6



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VU0

6.16

120000

100000

80000

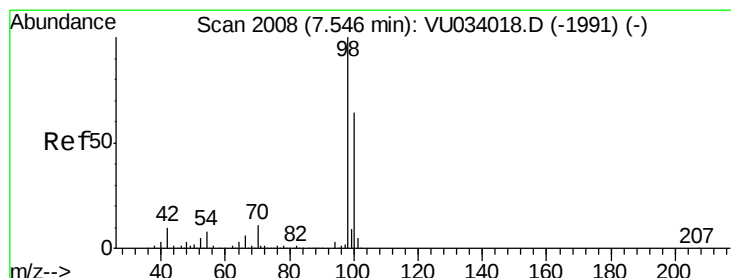
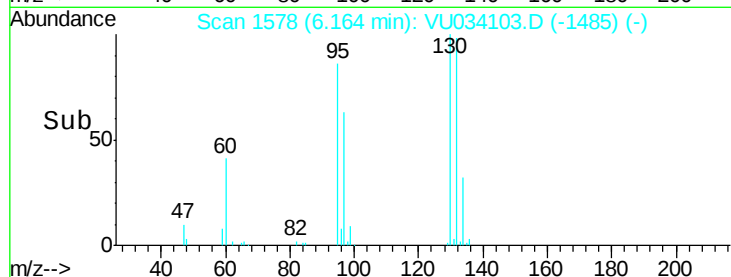
60000

40000

20000

0

Time--> 6.05 6.10 6.15 6.20 6.25



#50

Toluene-d8

Concen: 47.820 ug/l

RT: 7.55 min Scan# 2008

Delta R.T. 0.00 min

Lab File: VU034103.D

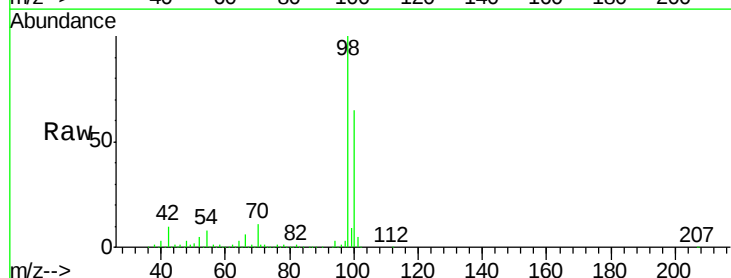
Acq: 30 Aug 2019 17:03

Tgt Ion: 98 Resp: 1003111

Ion Ratio Lower Upper

98 100

100 65.0 50.3 75.5



Abundance Ion 98.00 (97.70 to 98.70): VU0

Ion 100.00 (99.70 to 100.70): VU

7.55

600000

500000

400000

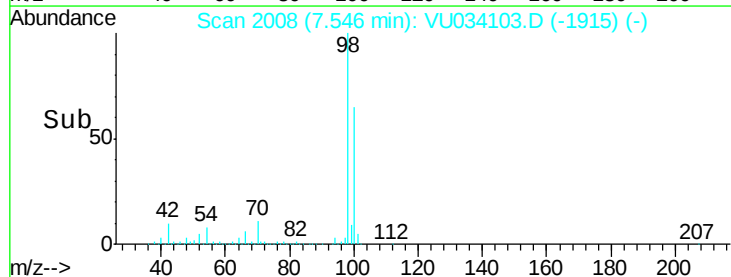
300000

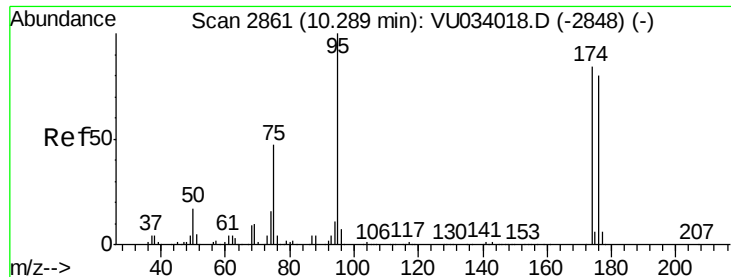
200000

100000

0

Time--> 7.40 7.50 7.60 7.70 7.80

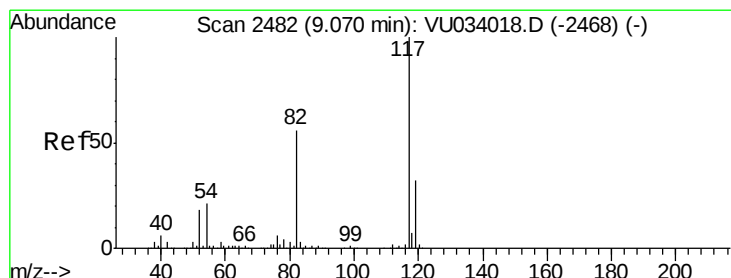
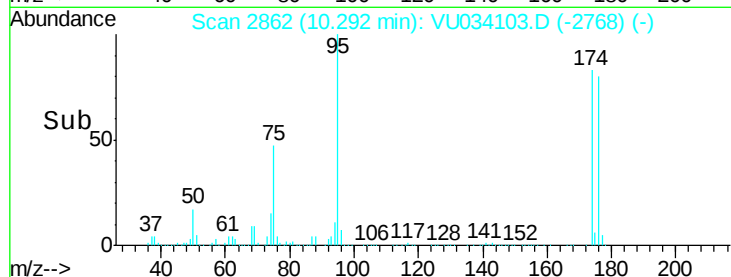
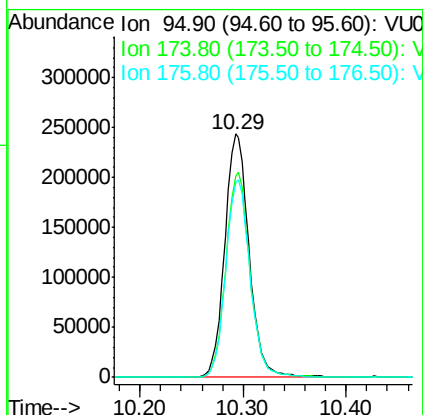
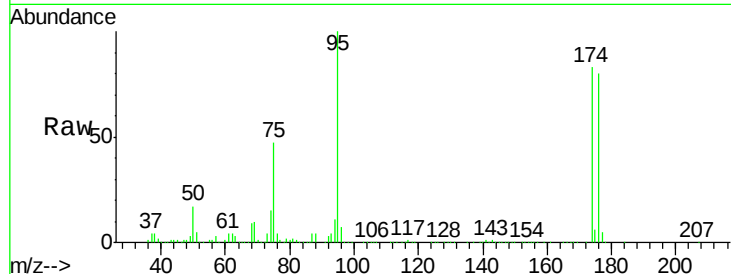




#62
4-Bromofluorobenzene
Concen: 49.104 ug/l
RT: 10.29 min Scan# 2862
Delta R.T. 0.00 min
Lab File: VU034103.D
Acq: 30 Aug 2019 17:03

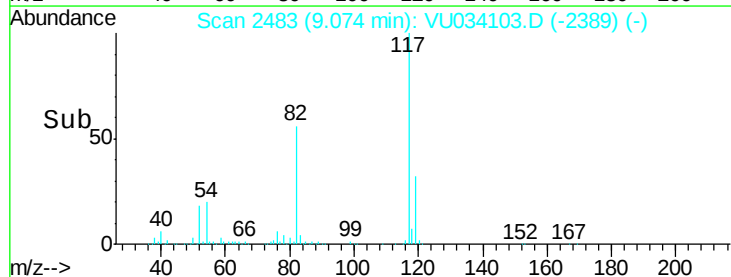
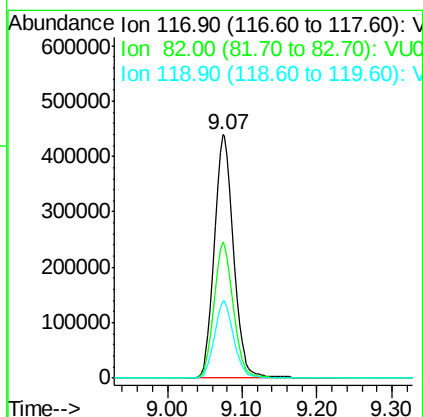
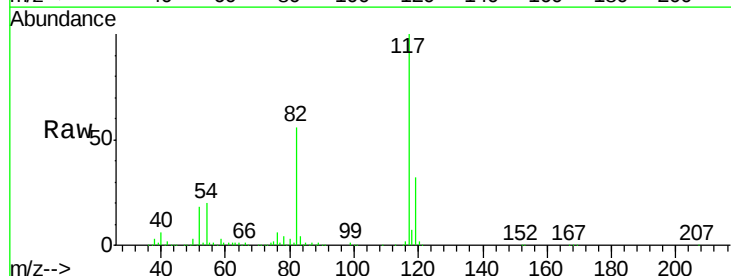
Instrument :
MSVOA_U
ClientSampleId :
S504-K2-9.5-10.0-082919ME

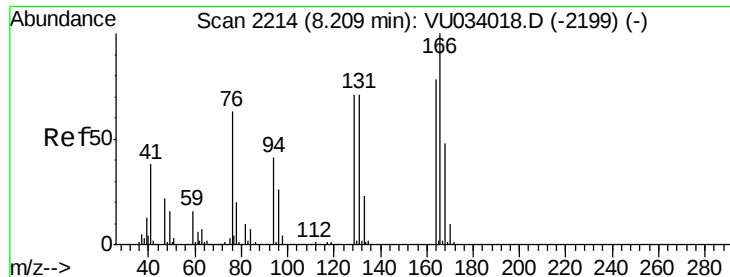
Tot Ion	Ratio	Lower	Upper
95	100		
174	83.8	0.0	168.8
176	81.4	0.0	161.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2483
Delta R.T. 0.00 min
Lab File: VU034103.D
Acq: 30 Aug 2019 17:03

Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.9	45.1	67.7
119	31.7	25.4	38.0





#64

Tetrachloroethene

Concen: 1.363 ug/l

RT: 8.21 min Scan# 2214

Delta R.T. 0.00 min

Lab File: VU034103.D

Acq: 30 Aug 2019 17:03

Instrument :

MSVOA_U

ClientSampleId :

S504-K2-9.5-10.0-082919ME

Tot Ion:164 Resp: 7216

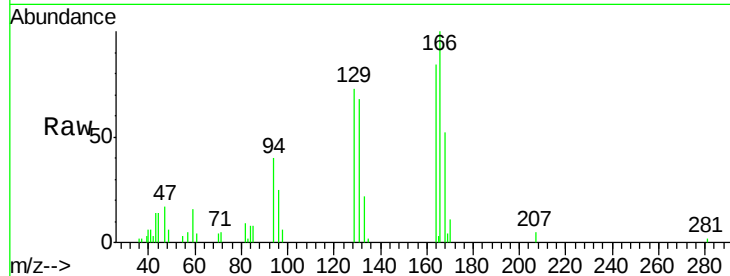
Ion Ratio Lower Upper

164 100

166 119.3 102.2 153.2

129 87.3 72.4 108.6

131 81.2 72.1 108.1

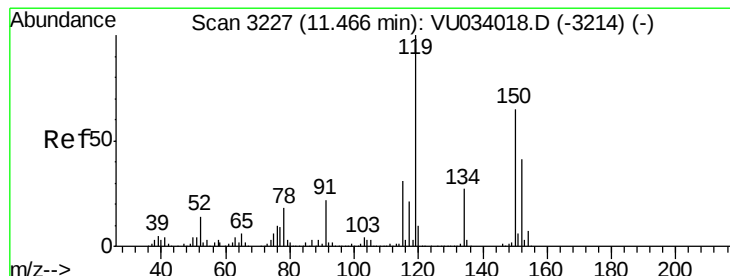
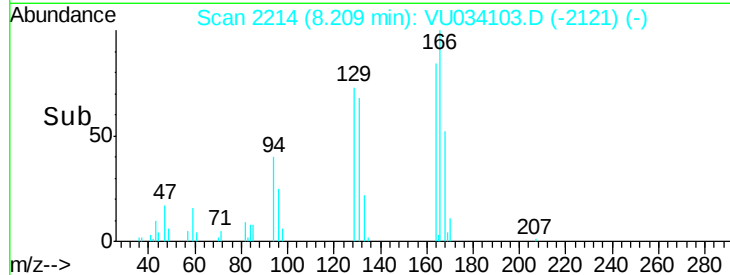
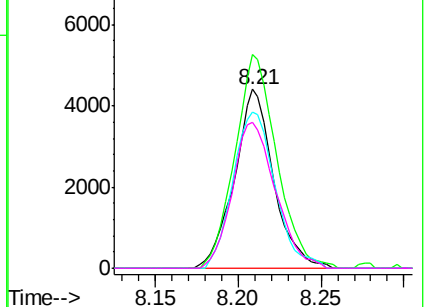


Abundance Ion 163.80 (163.50 to 164.50): V

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: 11.47 min Scan# 3227

Delta R.T. 0.00 min

Lab File: VU034103.D

Acq: 30 Aug 2019 17:03

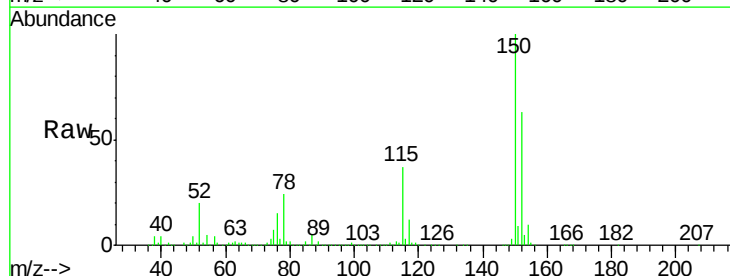
Tgt Ion:152 Resp: 415775

Ion Ratio Lower Upper

152 100

115 58.0 41.1 123.3

150 158.1 0.0 348.8



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

