

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD052119\
 Data File : VD062486.D
 Acq On : 21 May 2019 17:31
 Operator : VA/AP
 Sample : K2647-09
 Misc : 5.23g/5ml/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-01-051719

Quant Time: May 22 02:31:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D052019S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 21 03:32:39 2019
 Response via : Initial Calibration

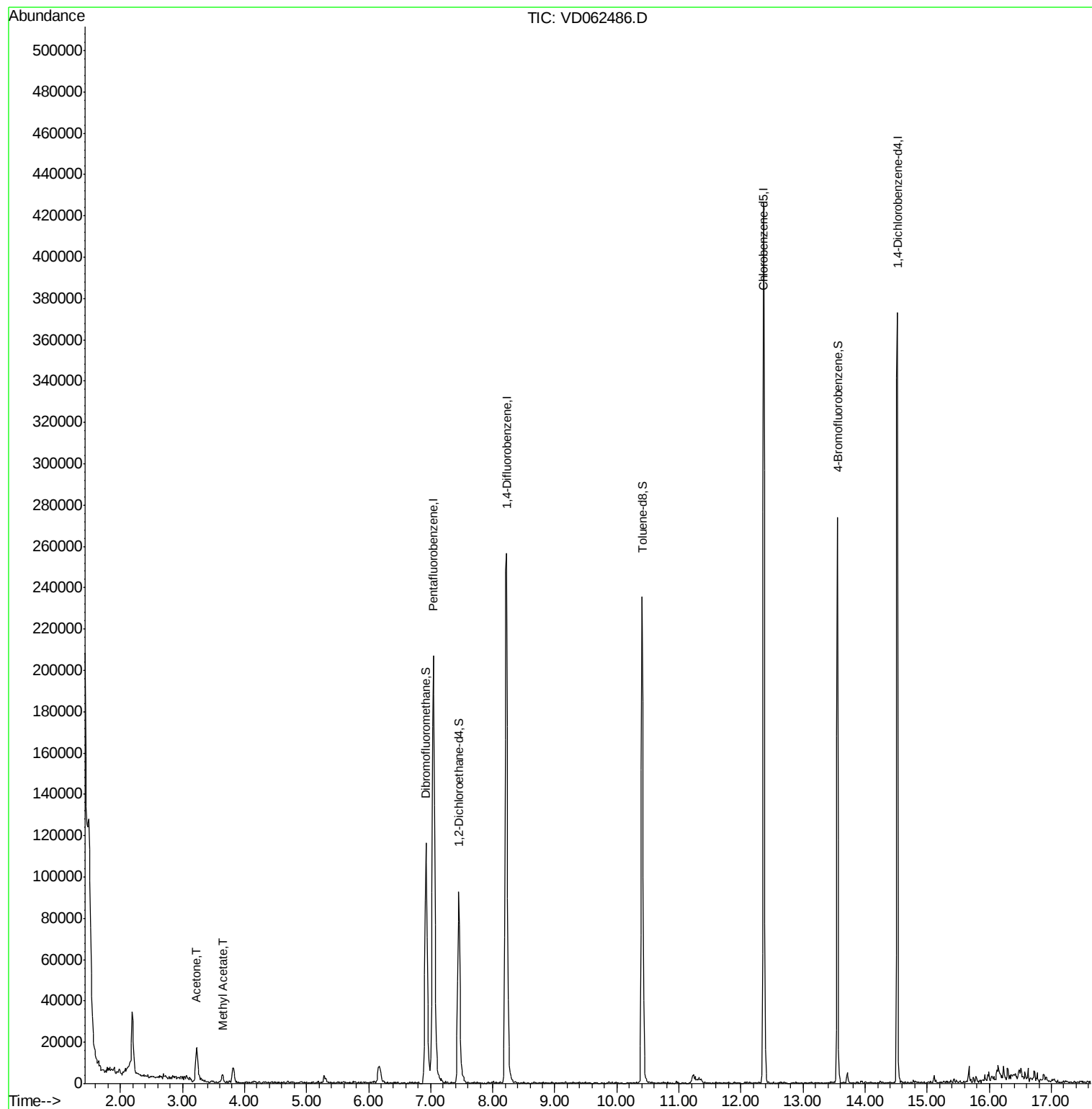
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.04	168	204851	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.22	114	287949	50.00	ug/l	-0.01
63) Chlorobenzene-d5	12.36	117	229213	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	90766	50.00	ug/l	-0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	107134	48.86	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	97.72%	
35) Dibromofluoromethane	6.92	113	102456	39.44	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	78.88%	
50) Toluene-d8	10.41	98	182119	32.04	ug/l	-0.02
Spiked Amount 50.000			Recovery	=	64.08%	
62) 4-Bromofluorobenzene	13.56	95	75310	30.29	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	60.58%	
Target Compounds						
16) Acetone	3.22	43	37833	96.281	ug/l #	79
18) Methyl Acetate	3.64	43	7013	10.343	ug/l #	53

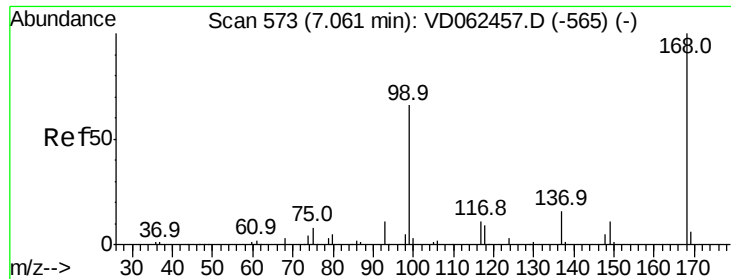
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 21 03:32:39 2019
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.04 min Scan# 571

Delta R.T. -0.02 min

Lab File: VD062486.D

Acq: 21 May 2019 17:31

Instrument :

MSVOA_D

ClientSampleId :

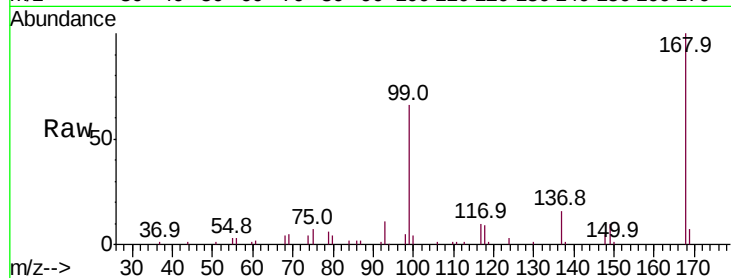
SU-01-051719

Tot Ion:168 Resp: 204851

Ion Ratio Lower Upper

168 100

99 66.0 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.04

60000

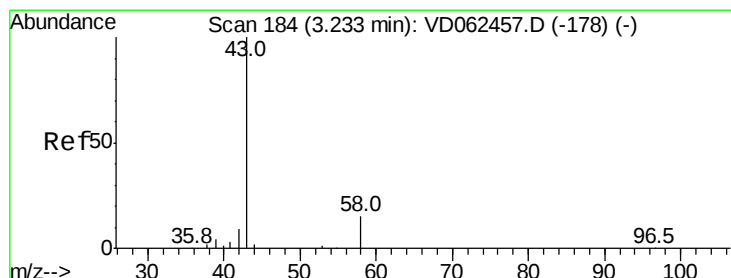
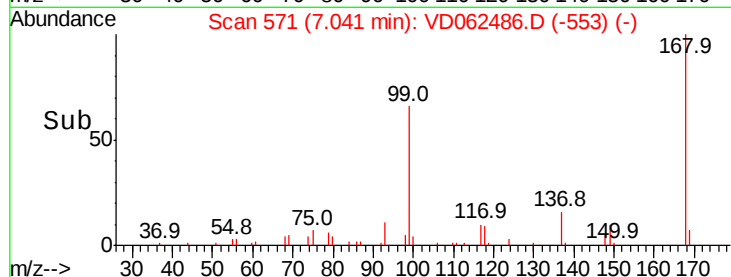
40000

20000

0

6.90 7.00 7.10 7.20 7.30

Time-->



#16

Acetone

Concen: 96.281 ug/l

RT: 3.22 min Scan# 183

Delta R.T. -0.01 min

Lab File: VD062486.D

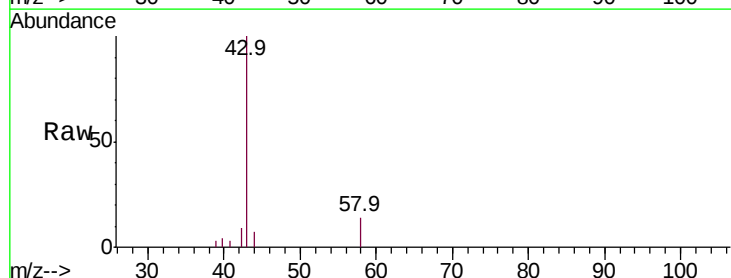
Acq: 21 May 2019 17:31

Tgt Ion: 43 Resp: 37833

Ion Ratio Lower Upper

43 100

58 14.2 19.9 29.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC

Ion 57.95 (57.65 to 58.65): VDC

15000

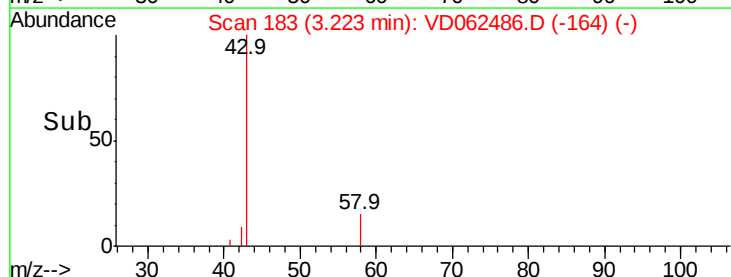
10000

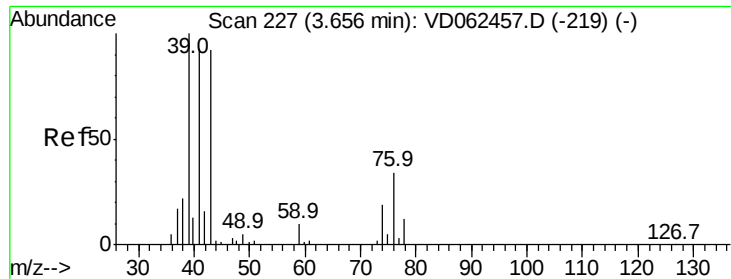
5000

0

3.10 3.20 3.30 3.40

Time-->

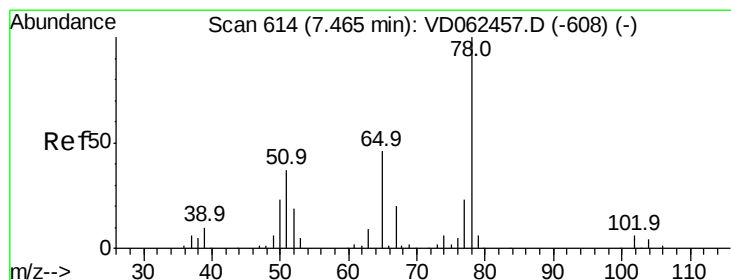
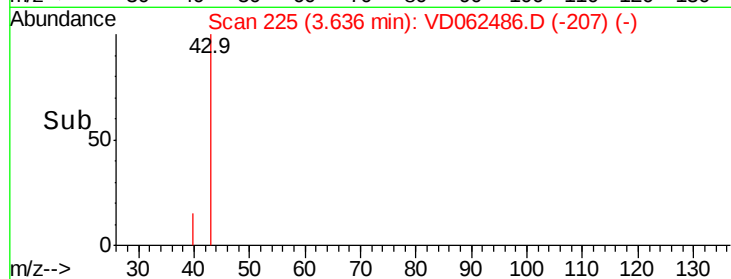
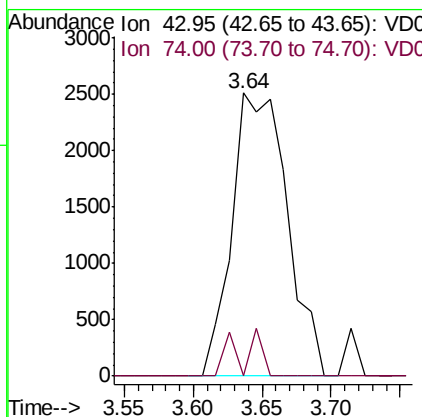
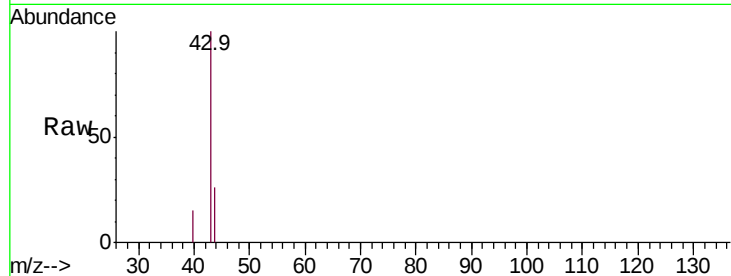




#18
Methvl Acetate
Concen: 10.343 ug/l
RT: 3.64 min Scan# 225
Delta R.T. -0.02 min
Lab File: VD062486.D
Acq: 21 May 2019 17:31

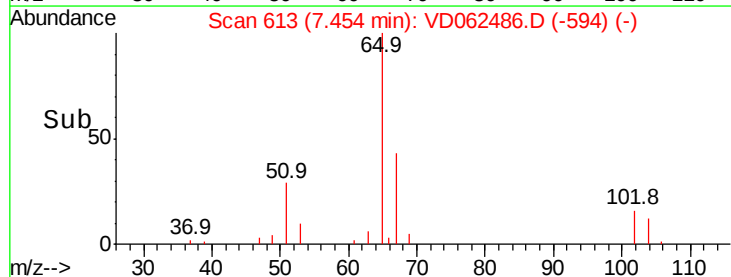
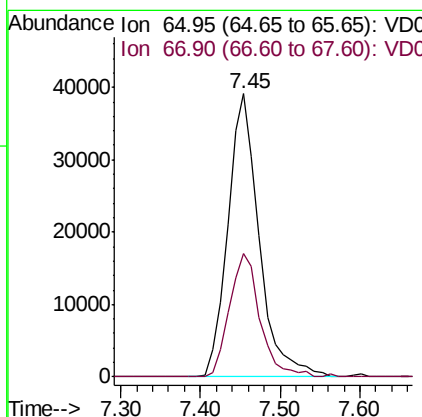
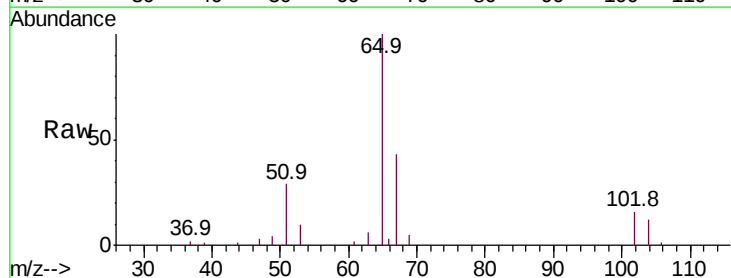
Instrument :
MSVOA_D
ClientSampleId :
SU-01-051719

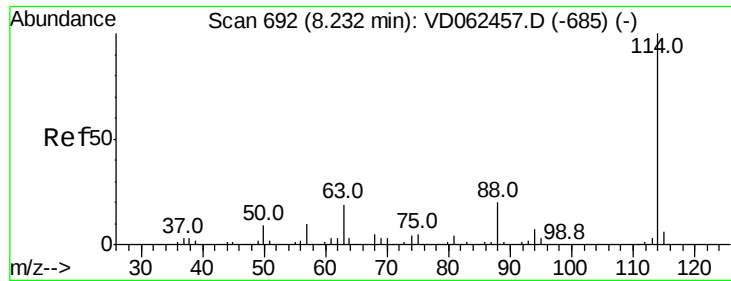
Tot Ion: 43 Resp: 7013
Ion Ratio Lower Upper
43 100
74 0.0 18.0 27.0#



#33
1,2-Dichloroethane-d4
Concen: 48.857 ug/l
RT: 7.45 min Scan# 613
Delta R.T. -0.01 min
Lab File: VD062486.D
Acq: 21 May 2019 17:31

Tgt Ion: 65 Resp: 107134
Ion Ratio Lower Upper
65 100
67 43.5 0.0 98.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.22 min Scan# 691

Delta R.T. -0.01 min

Lab File: VD062486.D

Acq: 21 May 2019 17:31

Instrument :

MSVOA_D

ClientSampleId :

SU-01-051719

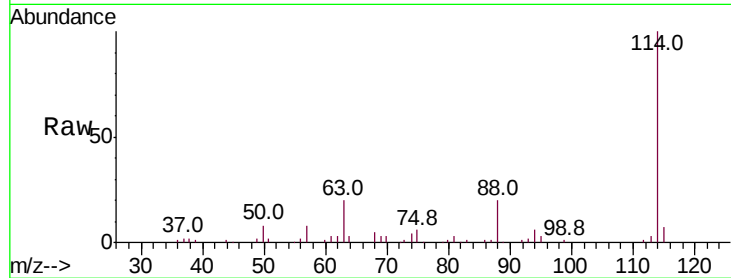
Tot Ion:114 Resp: 287949

Ion Ratio Lower Upper

114 100

63 19.9 0.0 32.4

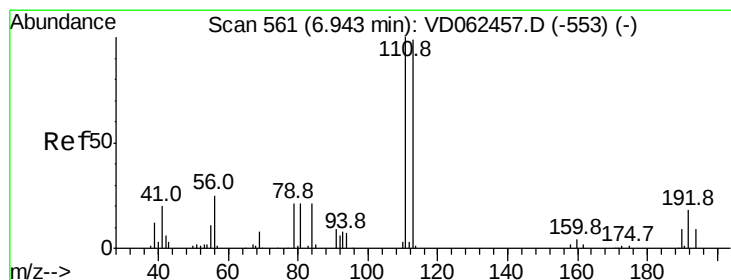
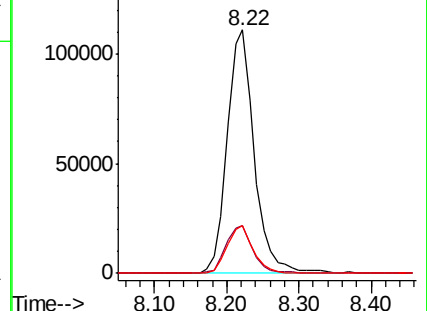
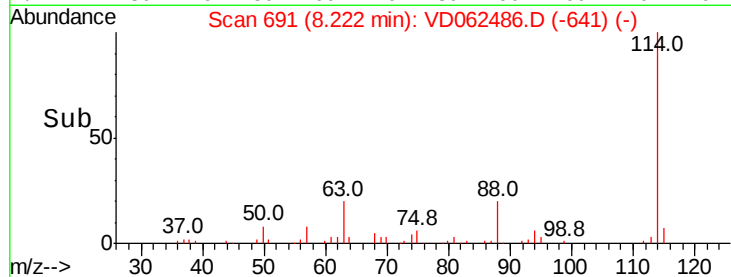
88 19.6 0.0 33.6



Abundance Ion 114.00 (113.70 to 114.70): V

Ion 62.95 (62.65 to 63.65): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 39.442 ug/l

RT: 6.92 min Scan# 559

Delta R.T. -0.02 min

Lab File: VD062486.D

Acq: 21 May 2019 17:31

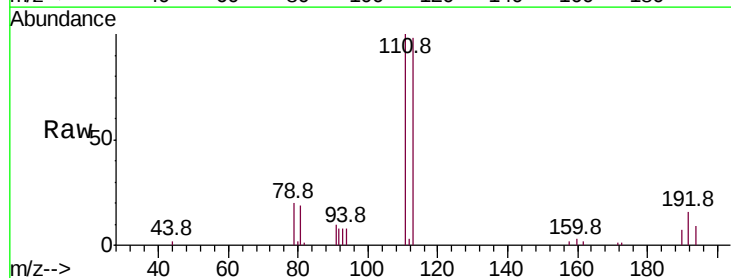
Tgt Ion:113 Resp: 102456

Ion Ratio Lower Upper

113 100

111 102.1 78.5 117.7

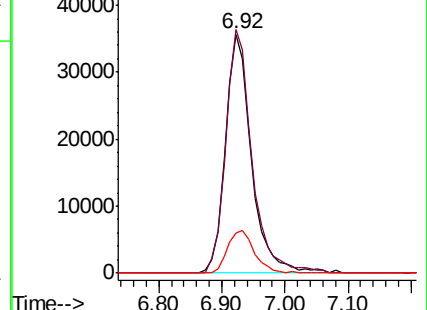
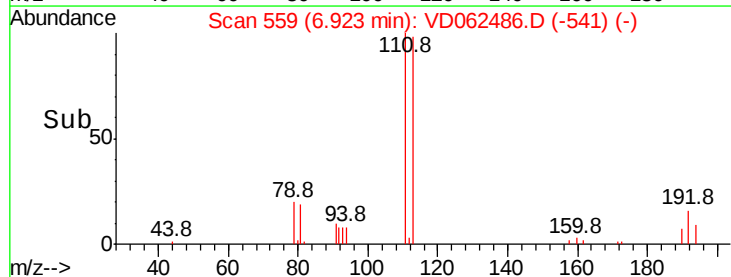
192 16.7 13.0 19.4

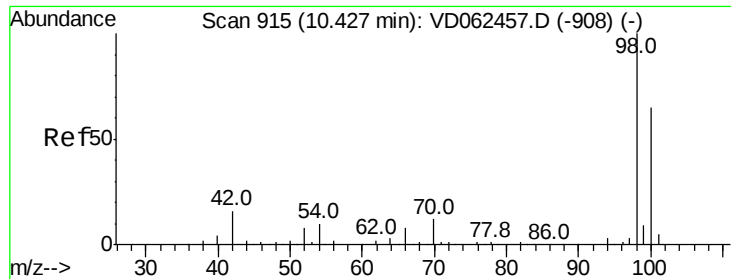


Abundance Ion 112.90 (112.60 to 113.60): V

Ion 110.90 (110.60 to 111.60): V

Ion 191.80 (191.50 to 192.50): V





#50

Toluene-d8

Concen: 32.037 ug/l

RT: 10.41 min Scan# 913

Delta R.T. -0.02 min

Lab File: VD062486.D

Acq: 21 May 2019 17:31

Instrument :

MSVOA_D

ClientSampleId :

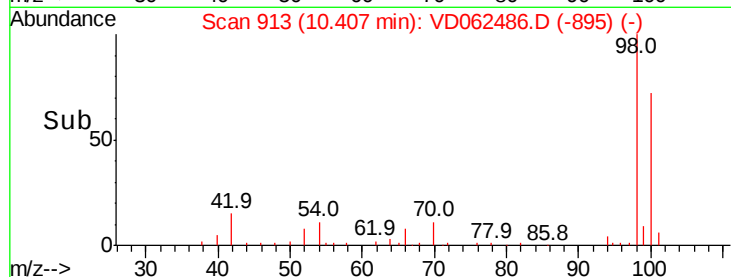
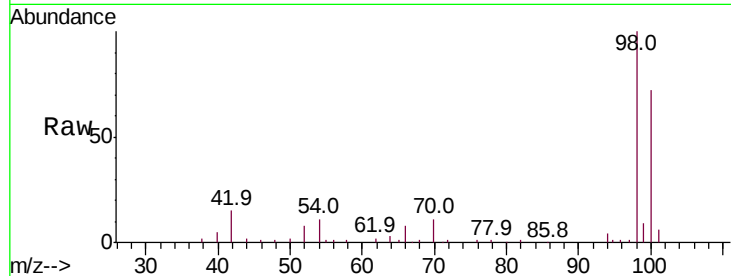
SU-01-051719

Tot Ion: 98 Resp: 182119

Ion Ratio Lower Upper

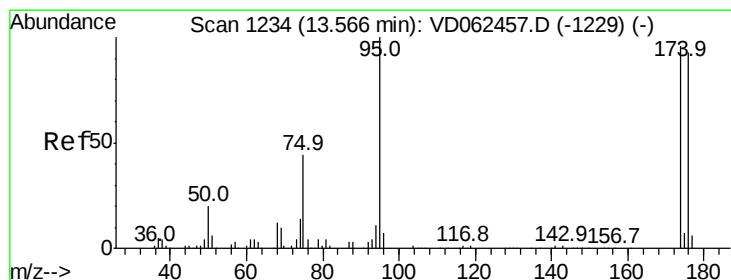
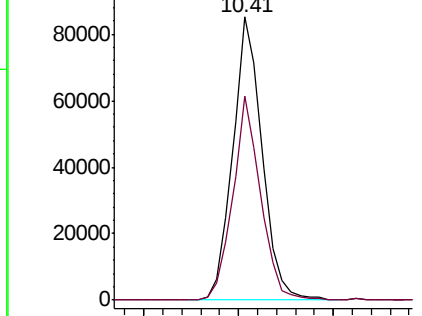
98 100

100 72.2 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062457.D (-908) (-)

Ion 100.05 (99.75 to 100.75): VD062486.D (-895) (-)



#62

4-Bromofluorobenzene

Concen: 30.285 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. -0.01 min

Lab File: VD062486.D

Acq: 21 May 2019 17:31

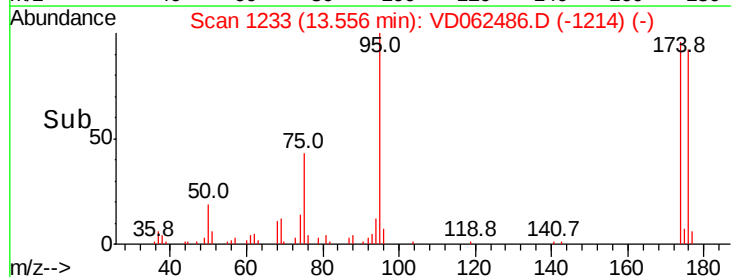
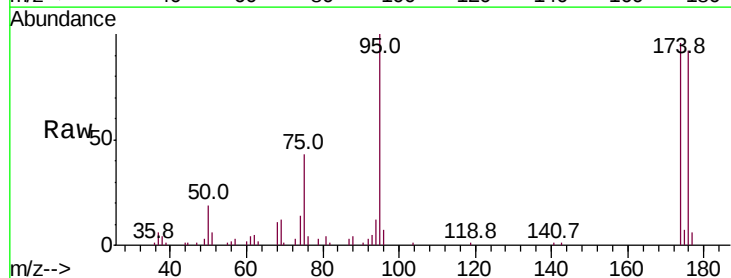
Tgt Ion: 95 Resp: 75310

Ion Ratio Lower Upper

95 100

174 95.9 0.0 181.8

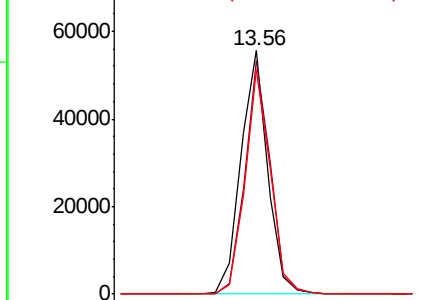
176 92.1 0.0 174.4

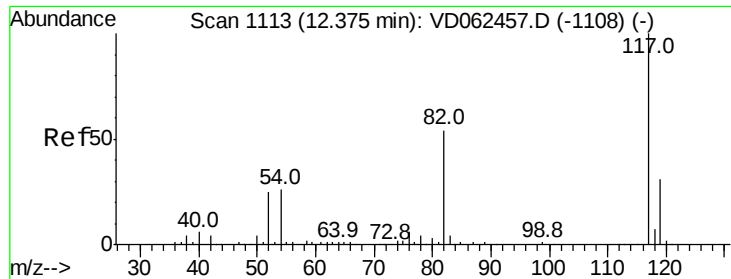


Abundance Ion 95.00 (94.70 to 95.70): VD062457.D (-1229) (-)

Ion 173.90 (173.60 to 174.60): VD062486.D (-1214) (-)

Ion 175.90 (175.60 to 176.60): VD062486.D (-1214) (-)

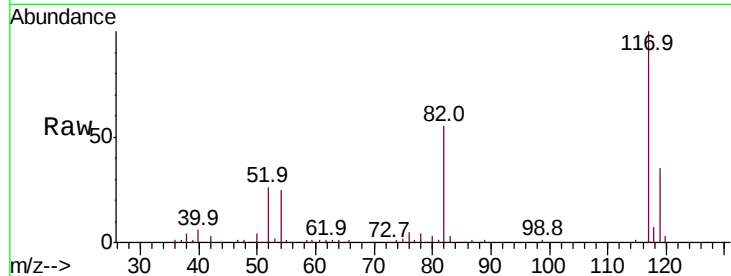




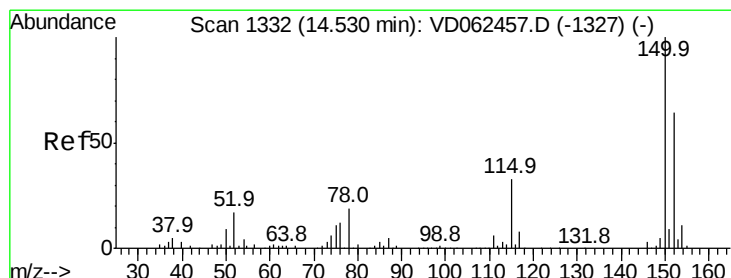
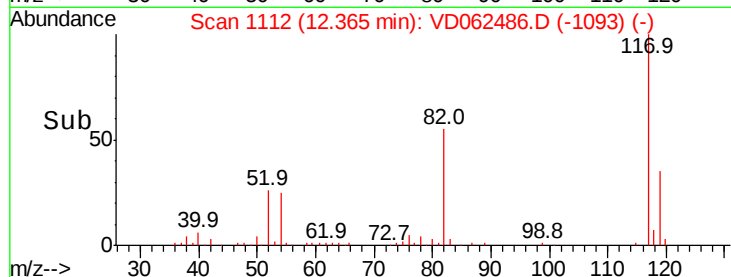
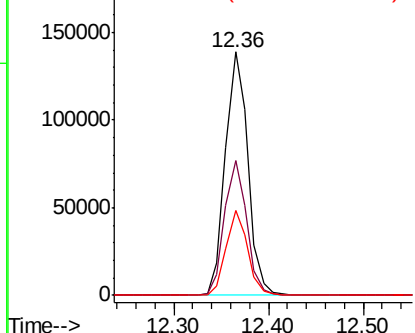
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1112
Delta R.T. -0.01 min
Lab File: VD062486.D
Acq: 21 May 2019 17:31

Instrument :
MSVOA_D
ClientSampleId :
SU-01-051719

Tot Ion:117 Resp: 229213
Ion Ratio Lower Upper
117 100
82 55.3 36.2 54.2#
119 34.8 26.2 39.4

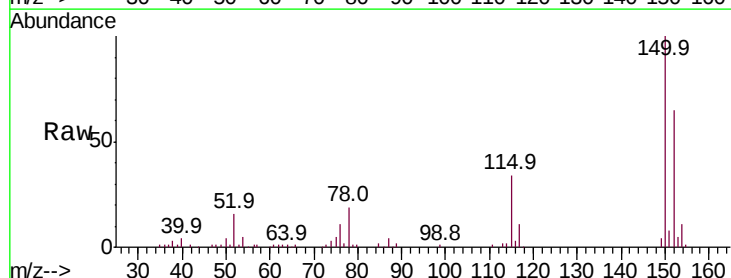


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. -0.01 min
Lab File: VD062486.D
Acq: 21 May 2019 17:31

Tgt Ion:152 Resp: 90766
Ion Ratio Lower Upper
152 100
115 52.9 30.9 92.7
150 154.4 0.0 314.8



Abundance Ion 151.90 (151.60 to 152.60): V
Ion 115.00 (114.70 to 115.70): V
Ion 149.90 (149.60 to 150.60): V

