

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051019\
 Data File : VD062218.D
 Acq On : 10 May 2019 16:27
 Operator : FY/SY
 Sample : K2717-13RE
 Misc : 5.50µ/5mL/MSVOA D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1824-01RE

Quant Time: May 10 23:32:39 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 07 14:26:29 2019
 Response via : Initial Calibration

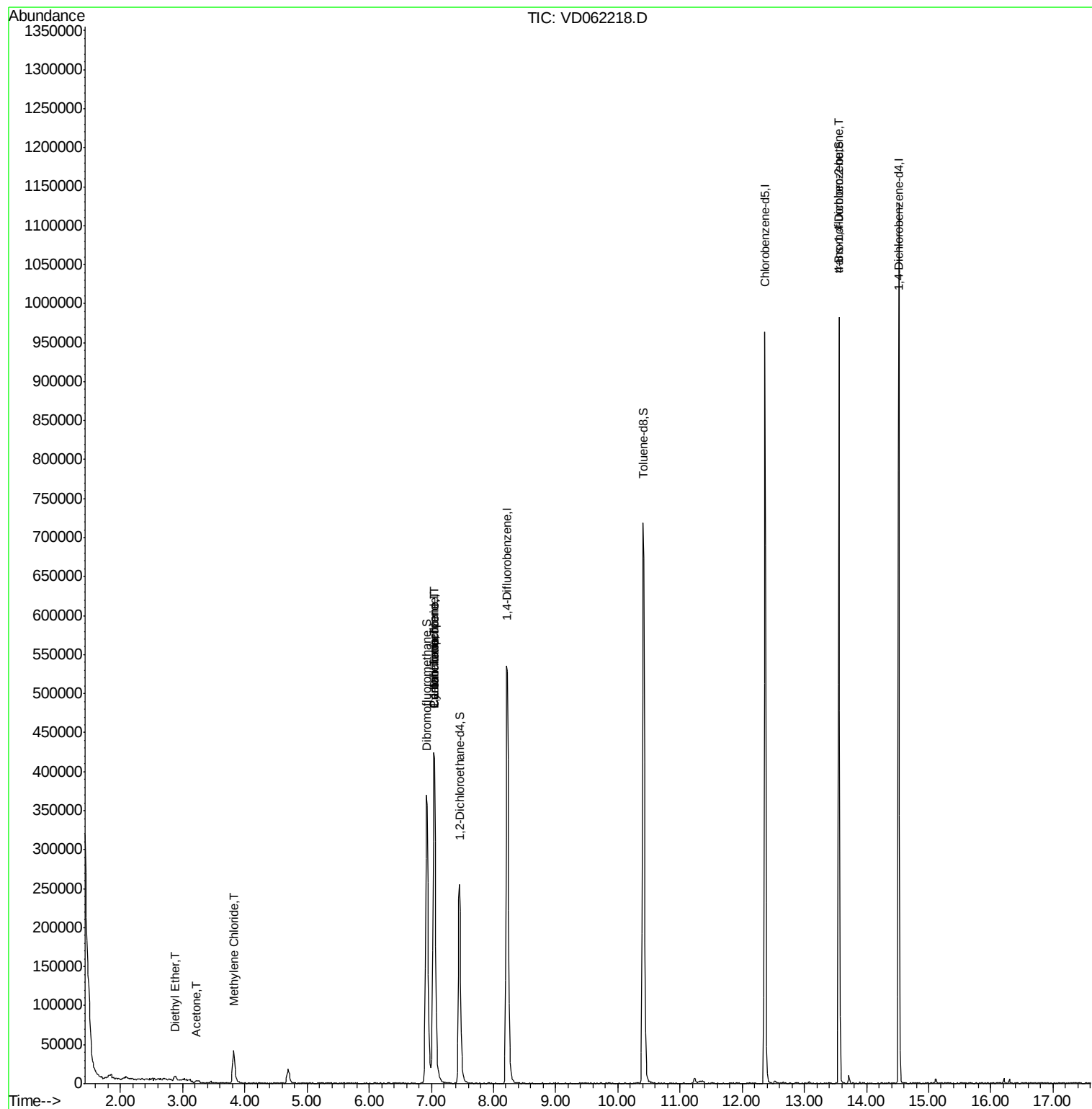
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	419083	50.00	ug/l	0.03
34) 1,4-Difluorobenzene	8.22	114	620636	50.00	ug/l	0.03
63) Chlorobenzene-d5	12.36	117	510194	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	14.52	152	247430	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	297451	76.38	ug/l	0.03
Spiked Amount 50.000			Recovery	=	152.76%	
35) Dibromofluoromethane	6.92	113	337643	65.57	ug/l	0.03
Spiked Amount 50.000			Recovery	=	131.14%	
50) Toluene-d8	10.41	98	619830	49.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.84%	
62) 4-Bromofluorobenzene	13.56	95	264951	53.14	ug/l	0.00
Spiked Amount 50.000			Recovery	=	106.28%	
Target Compounds						
8) Diethyl Ether	2.88	74	2107	1.974	ug/l	84
16) Acetone	3.22	43	5794	7.094	ug/l #	50
20) Methylene Chloride	3.82	84	28825	8.453	ug/l	91
31) Cyclohexane	7.04	56	8962	2.193	ug/l #	1
36) 1,1-Dichloropropene	7.04	75	34274	6.735	ug/l #	45
38) Carbon Tetrachloride	7.05	117	41497	5.892	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.56	75	112844	135.937	ug/l #	16

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051019\
Data File : VD062218.D
Acq On : 10 May 2019 16:27
Operator : FY/SY
Sample : K2717-13RE
Misc : 5.50µ/5mL/MSVOA D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1824-01RE

Quant Time: May 10 23:32:39 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D050719S.M
Quant Title : SW846 8260
QLast Update : Tue May 07 14:26:29 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 572

Delta R.T. 0.03 min

Lab File: VD062218.D

Acq: 10 May 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

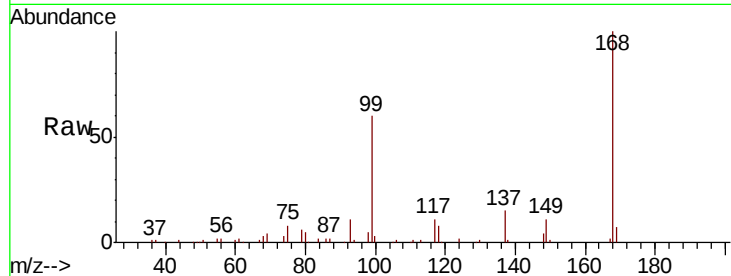
P026-SS002-1824-01RE

Tot Ion:168 Resp: 419083

Ion Ratio Lower Upper

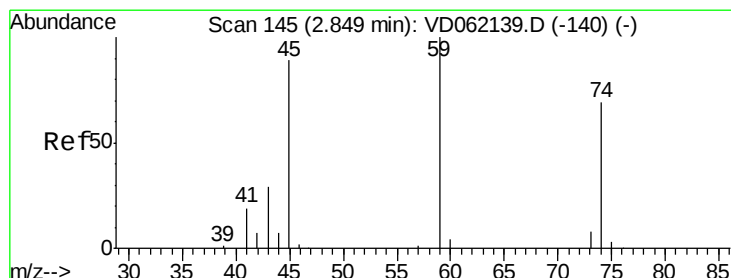
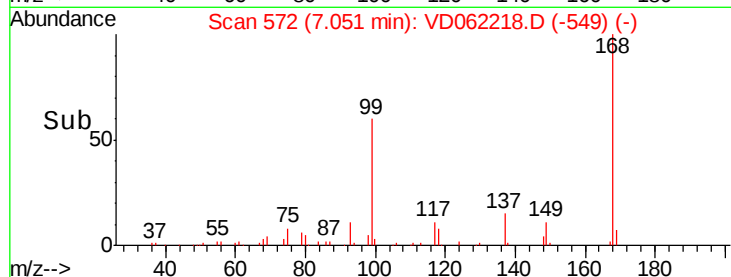
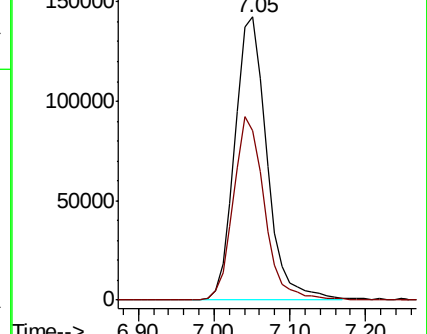
168 100

99 59.7 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#8

Diethyl Ether

Concen: 1.974 ug/l

RT: 2.88 min Scan# 148

Delta R.T. 0.03 min

Lab File: VD062218.D

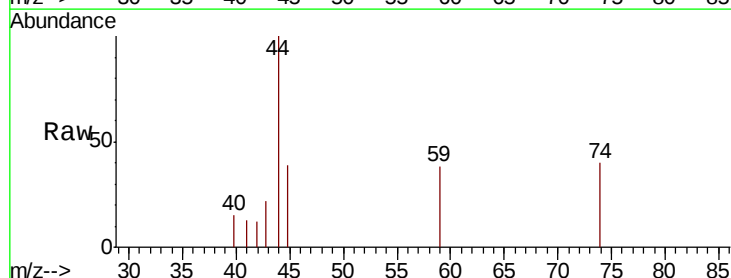
Acq: 10 May 2019 16:27

Tgt Ion: 74 Resp: 2107

Ion Ratio Lower Upper

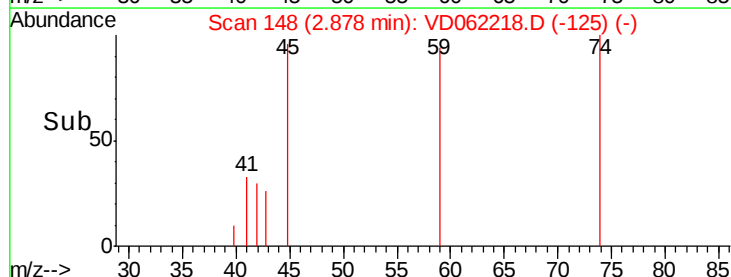
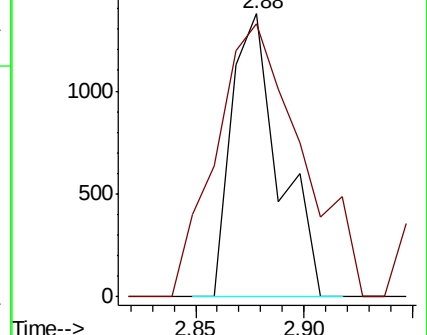
74 100

45 96.4 56.9 170.7



Abundance Ion 74.00 (73.70 to 74.70): VDC

Ion 45.05 (44.75 to 45.75): VDC





#16

Acetone

Concen: 7.094 ug/l

RT: 3.22 min Scan# 183

Delta R.T. 0.03 min

Lab File: VD062218.D

Acq: 10 May 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

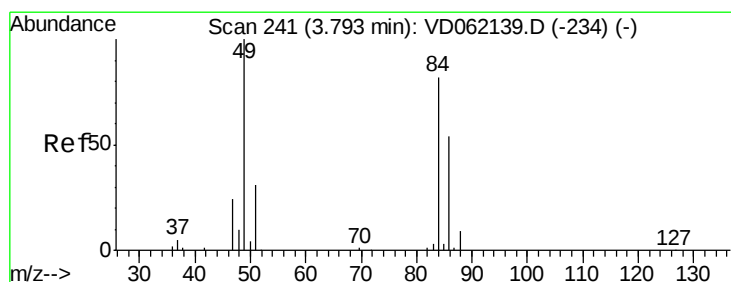
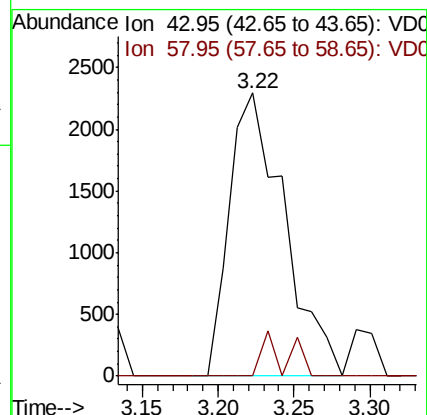
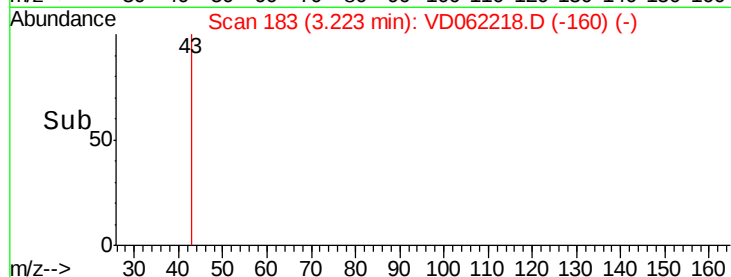
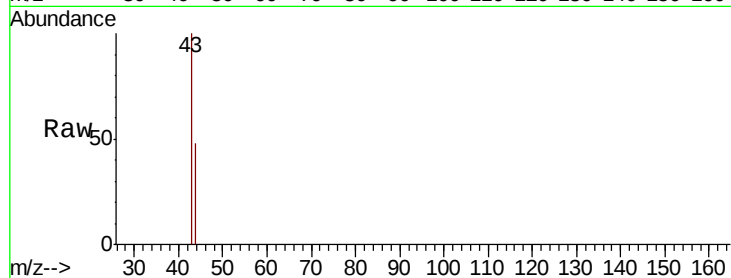
P026-SS002-1824-01RE

Tot Ion: 43 Resp: 5794

Ion Ratio Lower Upper

43 100

58 0.0 19.9 29.9#



#20

Methylene Chloride

Concen: 8.453 ug/l

RT: 3.82 min Scan# 244

Delta R.T. 0.03 min

Lab File: VD062218.D

Acq: 10 May 2019 16:27

Tgt Ion: 84 Resp: 28825

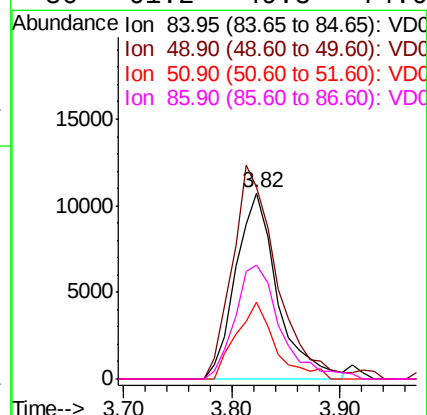
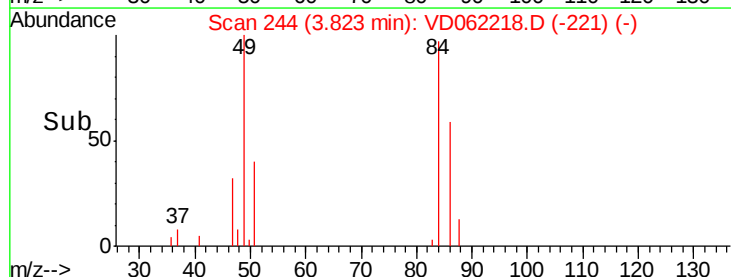
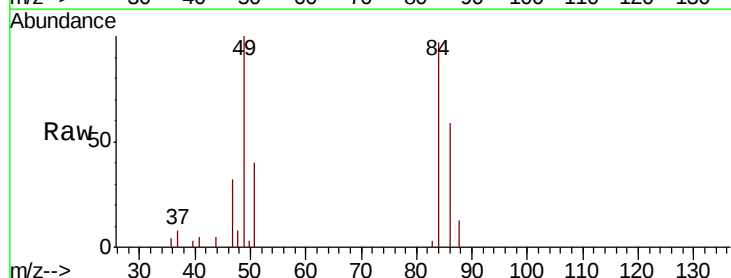
Ion Ratio Lower Upper

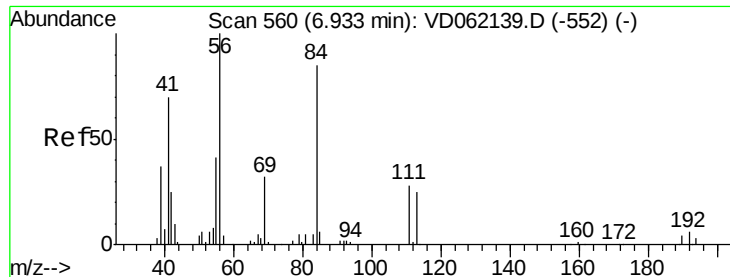
84 100

49 103.4 94.0 141.0

51 41.2 29.0 43.4

86 61.2 49.8 74.6

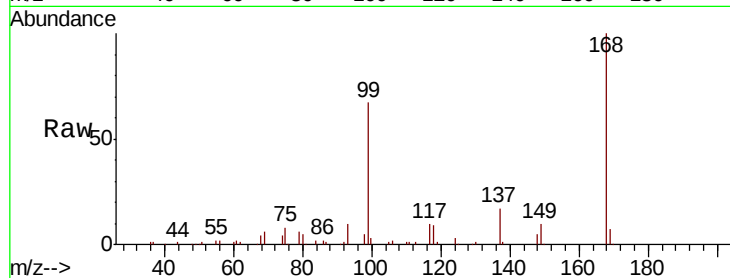




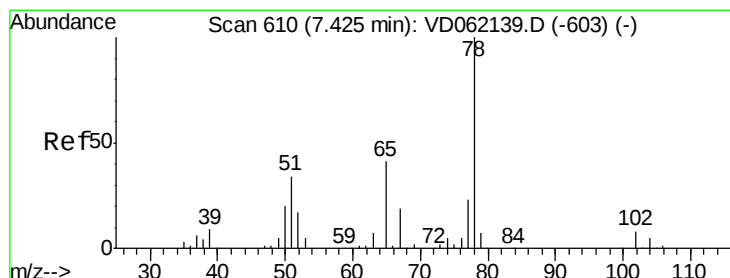
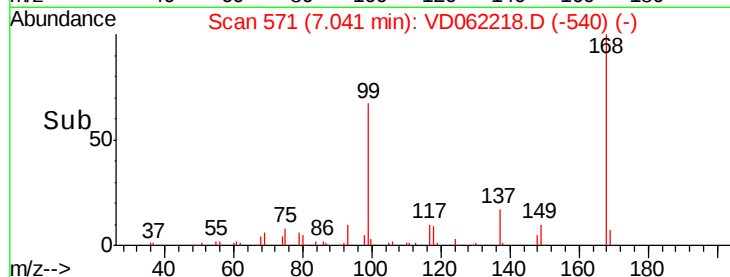
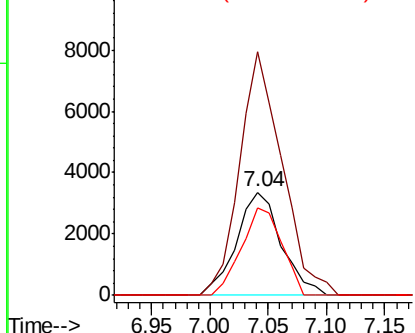
#31
Cyclohexane
Concen: 2.193 ug/l
RT: 7.04 min Scan# 571
Delta R.T. 0.11 min
Lab File: VD062218.D
Acq: 10 May 2019 16:27

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1824-01RE

Tot Ion: 56 Resp: 8962
Ion Ratio Lower Upper
56 100
69 235.8 25.8 38.6#
84 85.3 72.2 108.4

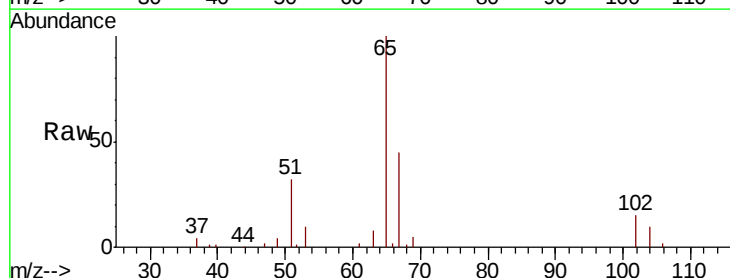


Abundance Ion 55.95 (55.65 to 56.65): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.05 (83.75 to 84.75): VDC

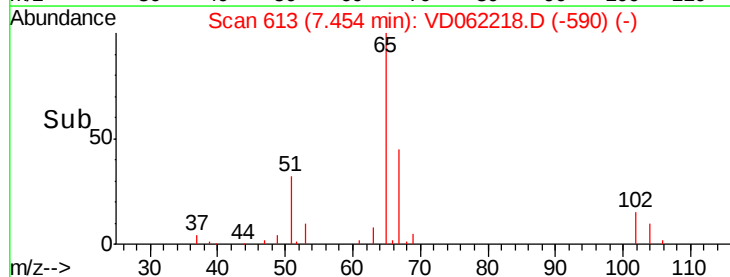
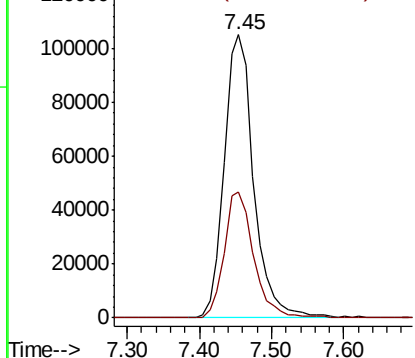


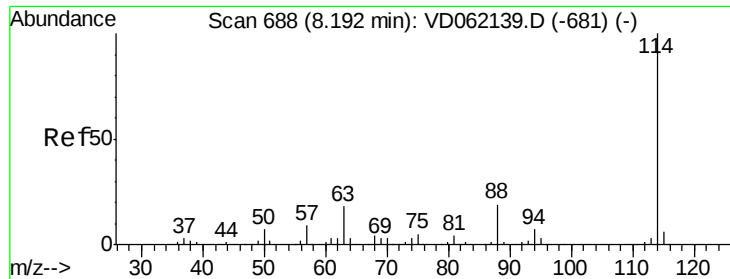
#33
1,2-Dichloroethane-d4
Concen: 76.375 ug/l
RT: 7.45 min Scan# 613
Delta R.T. 0.03 min
Lab File: VD062218.D
Acq: 10 May 2019 16:27

Tgt Ion: 65 Resp: 297451
Ion Ratio Lower Upper
65 100
67 44.5 0.0 98.0



Abundance Ion 64.95 (64.65 to 65.65): VDC
Ion 66.90 (66.60 to 67.60): VDC

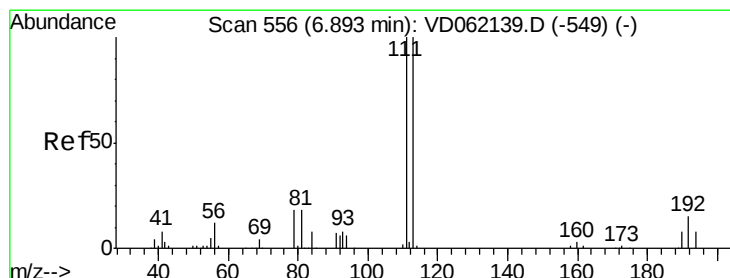
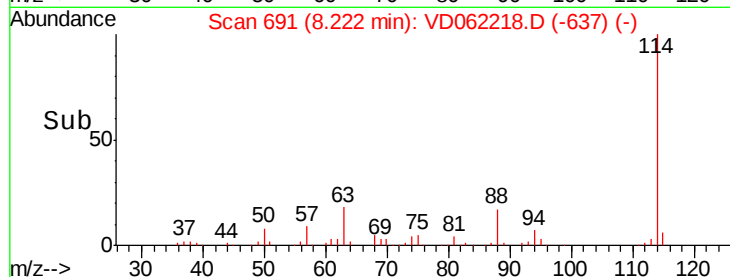
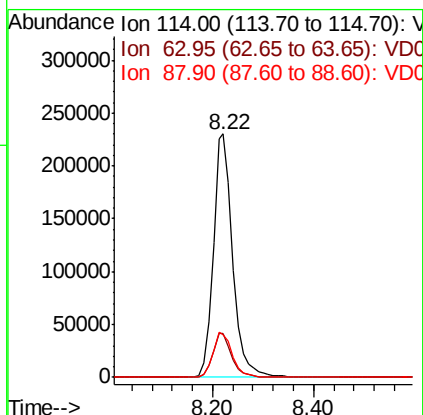
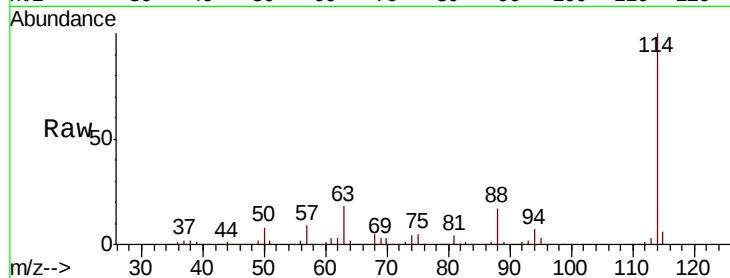




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 691
 Delta R.T. 0.03 min
 Lab File: VD062218.D
 Acq: 10 May 2019 16:27

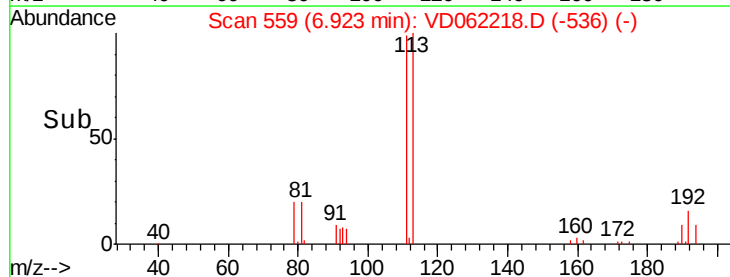
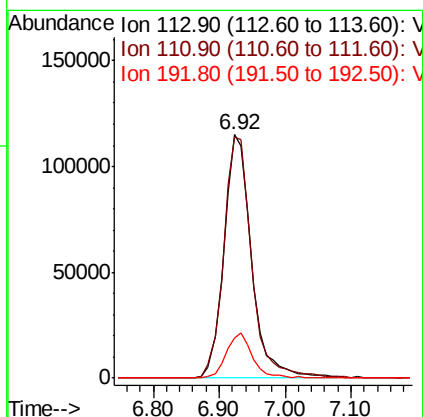
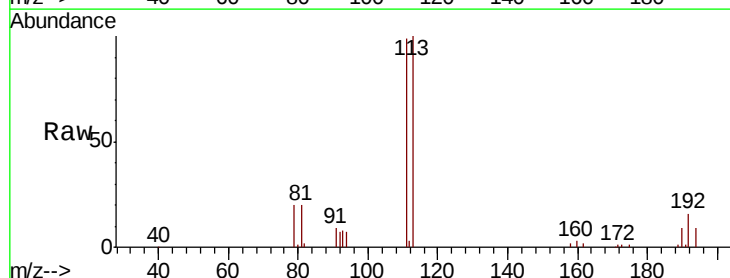
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1824-01RE

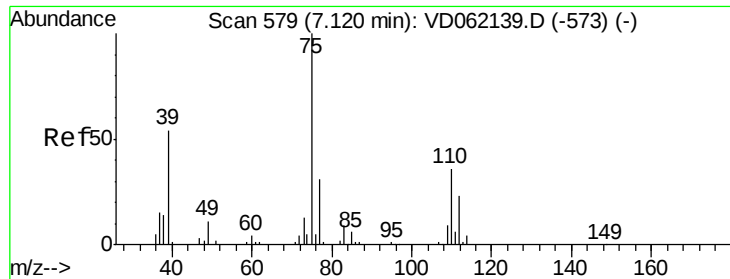
Tot Ion:114 Resp: 620636
 Ion Ratio Lower Upper
 114 100
 63 17.9 0.0 32.4
 88 17.3 0.0 33.6



#35
 Dibromofluoromethane
 Concen: 65.568 ug/l
 RT: 6.92 min Scan# 559
 Delta R.T. 0.03 min
 Lab File: VD062218.D
 Acq: 10 May 2019 16:27

Tgt Ion:113 Resp: 337643
 Ion Ratio Lower Upper
 113 100
 111 99.1 78.5 117.7
 192 16.3 13.0 19.4

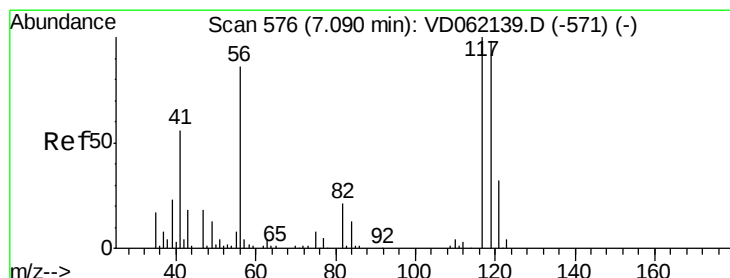
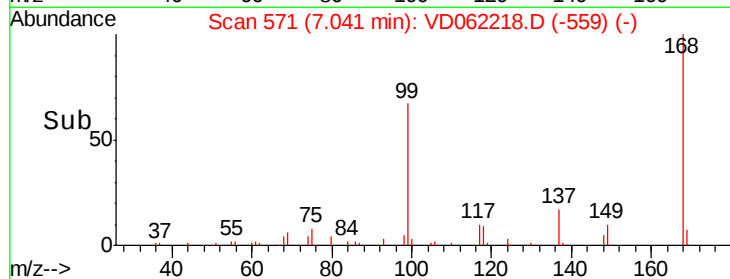
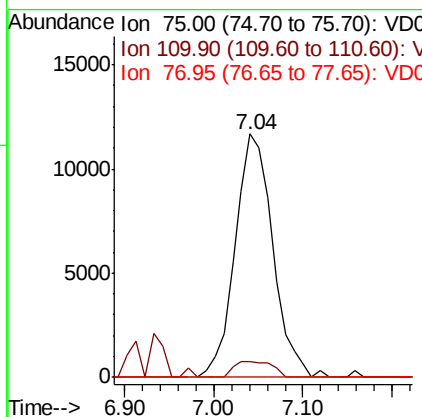
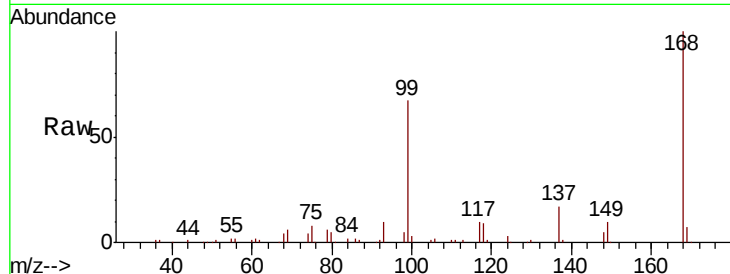




#36
 1,1-Dichloropropene
 Concen: 6.735 ug/l
 RT: 7.04 min Scan# 571
 Delta R.T. -0.08 min
 Lab File: VD062218.D
 Acq: 10 May 2019 16:27

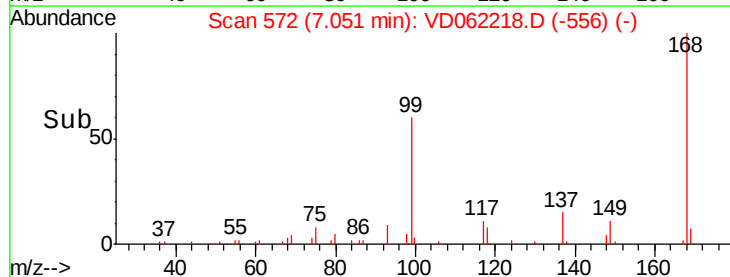
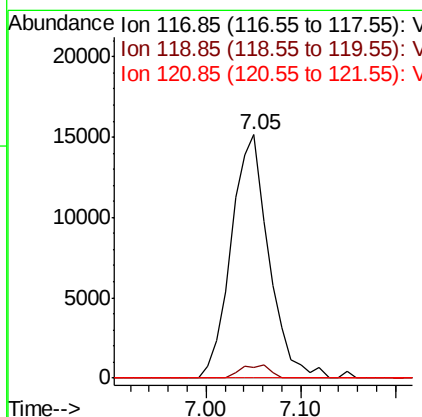
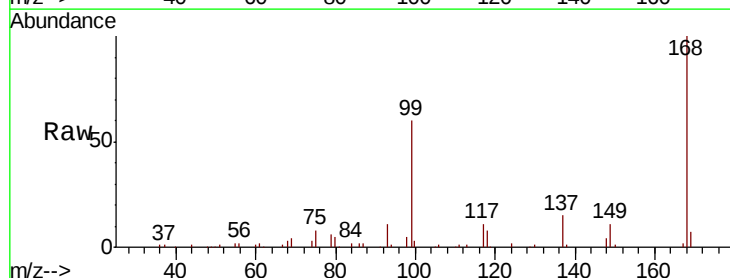
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS002-1824-01RE

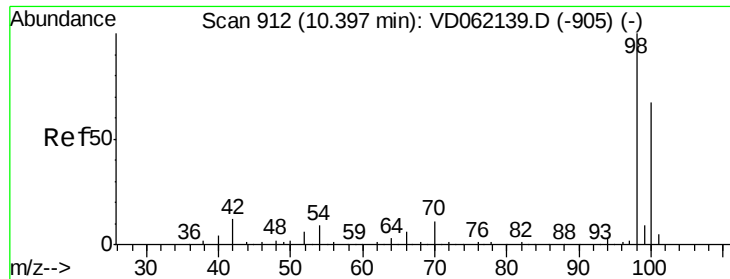
Tot Ion	75	Resp	34274
Ion Ratio	Lower	Upper	
75	100		
110	6.5	19.1	57.1#
77	0.0	25.6	38.4#



#38
 Carbon Tetrachloride
 Concen: 5.892 ug/l
 RT: 7.05 min Scan# 572
 Delta R.T. -0.04 min
 Lab File: VD062218.D
 Acq: 10 May 2019 16:27

Tgt Ion	117	Resp	41497
Ion Ratio	Lower	Upper	
117	100		
119	4.5	75.8	113.8#
121	0.0	25.9	38.9#





#50

Toluene-d8

Concen: 49.923 ug/l

RT: 10.41 min Scan# 913

Delta R.T. 0.01 min

Lab File: VD062218.D

Acq: 10 May 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

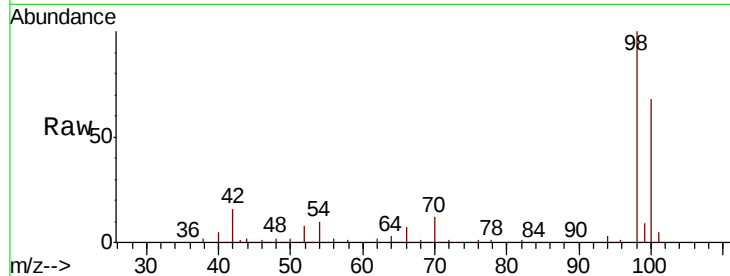
P026-SS002-1824-01RE

Tot Ion: 98 Resp: 619830

Ion Ratio Lower Upper

98 100

100 67.9 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VD062139.D (-905) (-)

Ion 100.05 (99.75 to 100.75): VD062139.D (-905) (-)

10.41

250000

200000

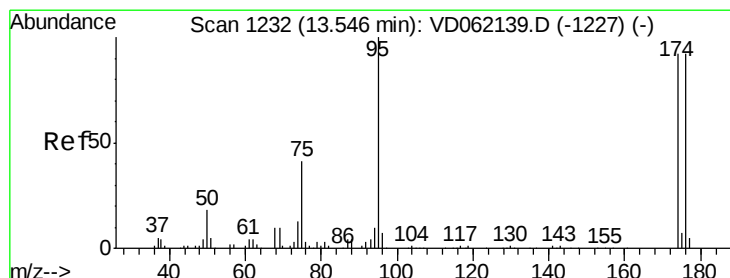
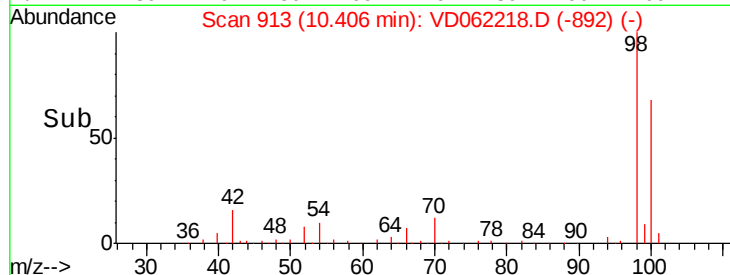
150000

100000

50000

0

Time-->



#62

4-Bromofluorobenzene

Concen: 53.142 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.01 min

Lab File: VD062218.D

Acq: 10 May 2019 16:27

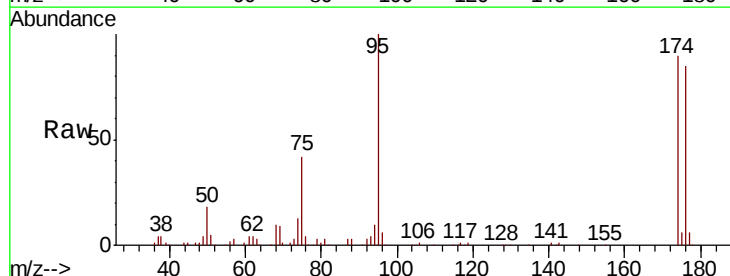
Tgt Ion: 95 Resp: 264951

Ion Ratio Lower Upper

95 100

174 89.6 0.0 181.8

176 84.5 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): VD062139.D (-1227) (-)

Ion 173.90 (173.60 to 174.60): VD062139.D (-1227) (-)

Ion 175.90 (175.60 to 176.60): VD062139.D (-1227) (-)

250000

200000

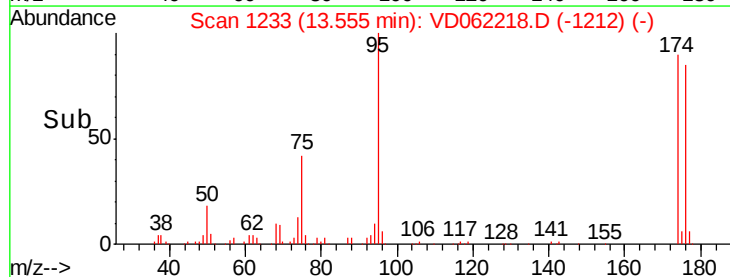
150000

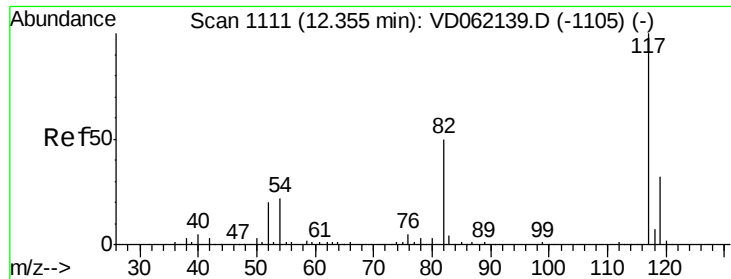
100000

50000

0

Time-->

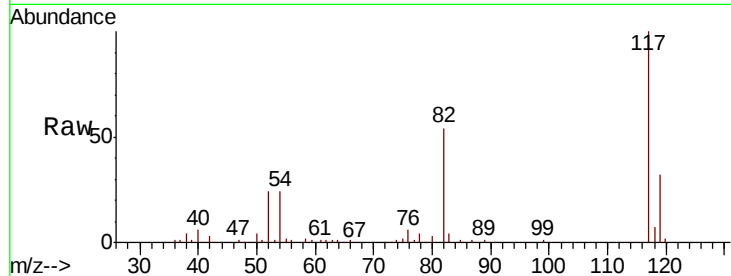




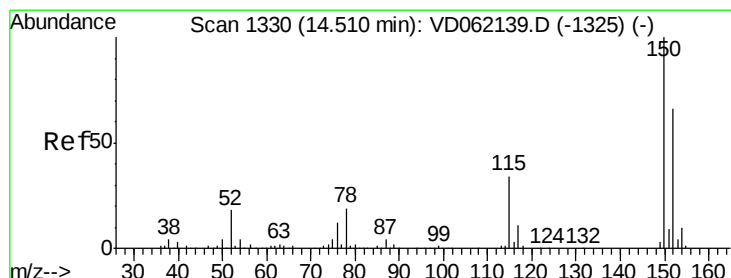
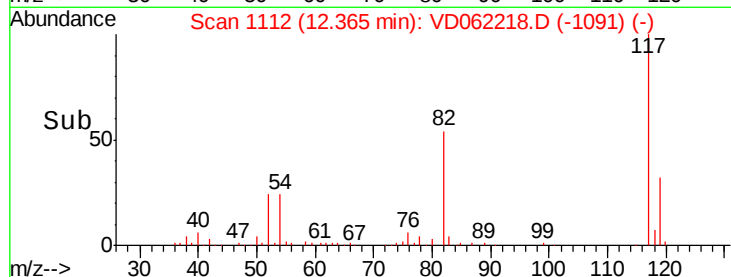
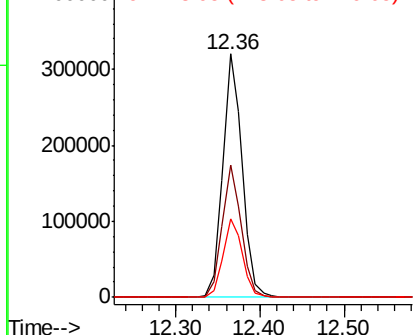
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1112
Delta R.T. 0.01 min
Lab File: VD062218.D
Acq: 10 May 2019 16:27

Instrument :
MSVOA_D
ClientSampleId :
P026-SS002-1824-01RE

Tot Ion:117 Resp: 510194
Ion Ratio Lower Upper
117 100
82 54.2 36.2 54.2
119 32.0 26.2 39.4

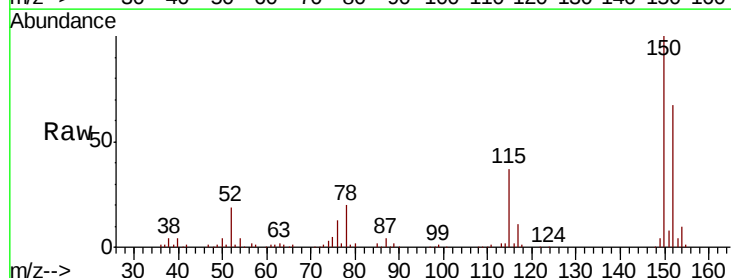


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

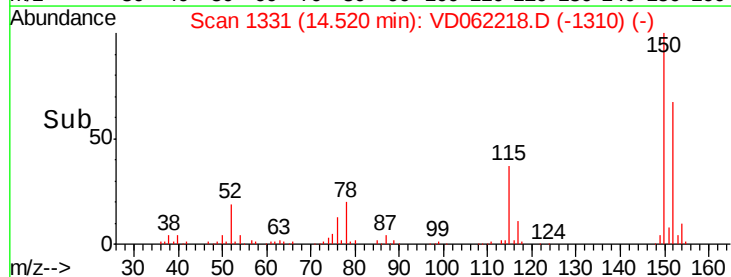
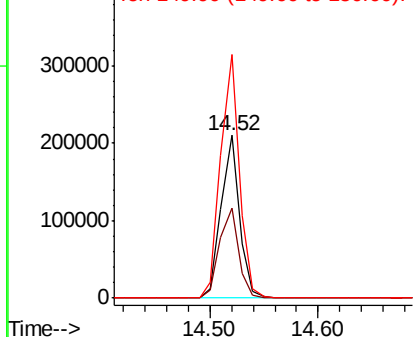


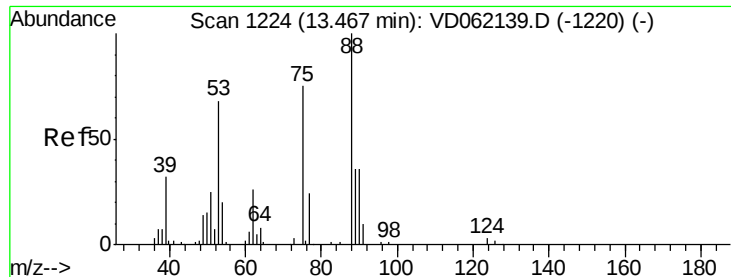
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1331
Delta R.T. 0.01 min
Lab File: VD062218.D
Acq: 10 May 2019 16:27

Tgt Ion:152 Resp: 247430
Ion Ratio Lower Upper
152 100
115 55.4 30.9 92.7
150 149.7 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





#81

trans-1,4-Dichloro-2-butene

Concen: 135.937 ug/l

RT: 13.56 min Scan# 1233

Delta R.T. 0.09 min

Lab File: VD062218.D

Acq: 10 May 2019 16:27

Instrument :

MSVOA_D

ClientSampleId :

P026-SS002-1824-01RE

Tot Ion: 75 Resp: 112844

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

