

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD051419\
 Data File : VD062371.D
 Acq On : 15 May 2019 4:00
 Operator : FY/SY
 Sample : K2735-14RE
 Misc : 5.22g/5mL/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS017-0206-01RE

Quant Time: May 15 06:33:41 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	7.07	168	322716	50.00	ug/l	0.05
34) 1,4-Difluorobenzene	8.24	114	434307	50.00	ug/l	0.05
63) Chlorobenzene-d5	12.40	117	355350	50.00	ug/l	0.04
72) 1,4-Dichlorobenzene-d4	14.54	152	160419	50.00	ug/l	0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	7.48	65	173710	57.92	ug/l	0.05
Spiked Amount			Recovery	=	115.84%	
35) Dibromofluoromethane	6.95	113	175327	48.65	ug/l	0.06
Spiked Amount			Recovery	=	97.30%	
50) Toluene-d8	10.44	98	271281	31.22	ug/l	0.04
Spiked Amount			Recovery	=	62.44%	
62) 4-Bromofluorobenzene	13.58	95	121497	34.82	ug/l	0.03
Spiked Amount			Recovery	=	69.64%	

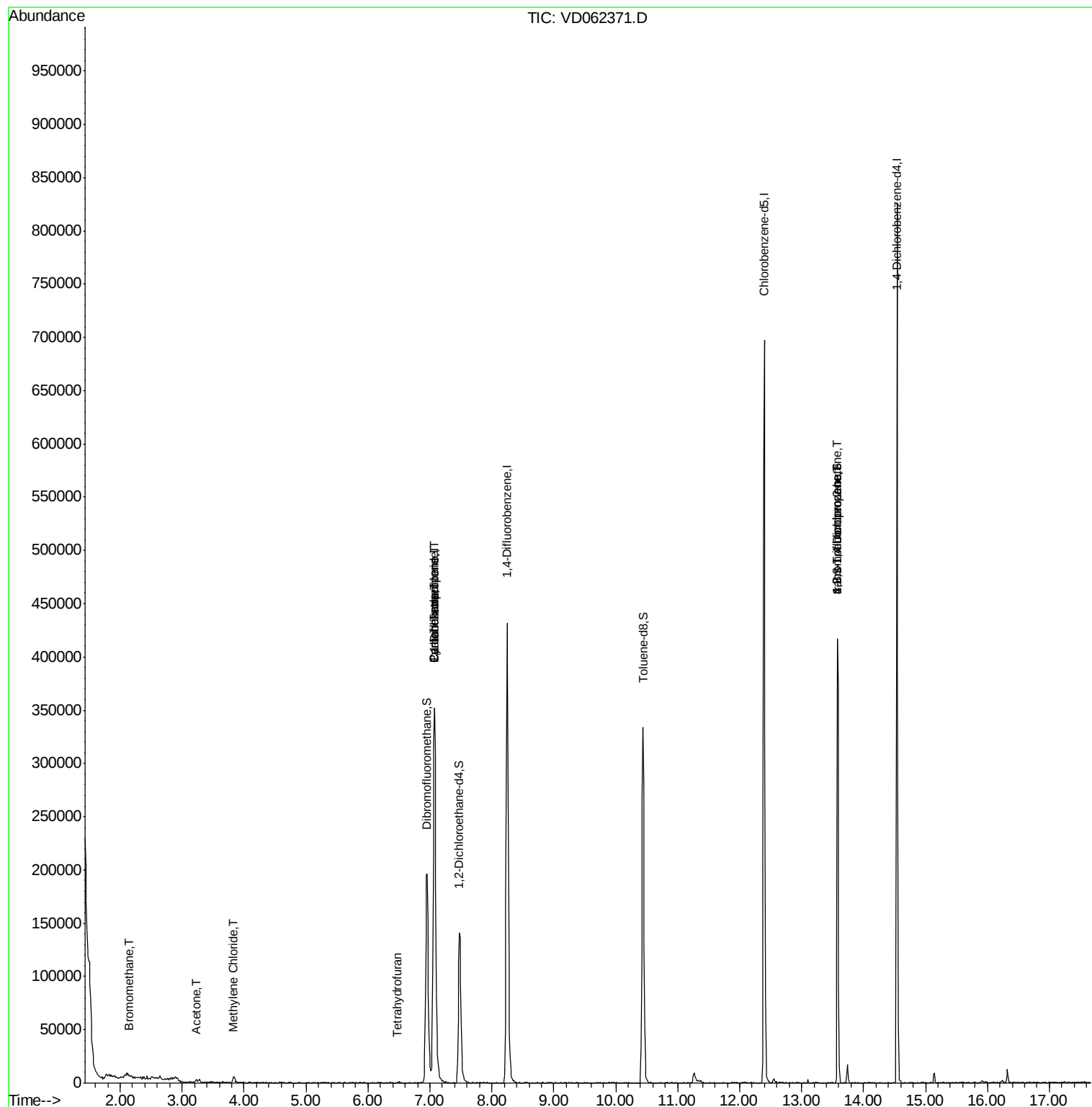
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	2.14	94	787	1.532	ug/l #	12
16) Acetone	3.23	43	5455	8.673	ug/l #	79
18) Methyl Acetate	3.66	43	250	Below Cal	#	53
20) Methylene Chloride	3.83	84	3926	1.495	ug/l #	82
29) Tetrahydrofuran	6.48	42	528	1.670	ug/l #	56
31) Cyclohexane	7.07	56	7618	2.421	ug/l #	13
36) 1,1-Dichloropropene	7.07	75	25754	7.232	ug/l #	49
38) Carbon Tetrachloride	7.07	117	36599	7.426	ug/l #	16
76) 1,2,3-Trichloropropane	13.58	75	57581	30.203	ug/l #	43
81) trans-1,4-Dichloro-2-buten	13.58	75	57581	106.988	ug/l #	16

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

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD051419\
Data File : VD062371.D
Acq On : 15 May 2019 4:00
Operator : FY/SY
Sample : K2735-14RE
Misc : 5.22g/5mL/MSVOA D/SOIL
ALS Vial : 37 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P026-SS017-0206-01RE

Quant Time: May 15 06:33:41 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: 7.07 min Scan# 574

Delta R.T. 0.05 min

Lab File: VD062371.D

Acq: 15 May 2019 4:00

Instrument :

MSVOA_D

ClientSampleId :

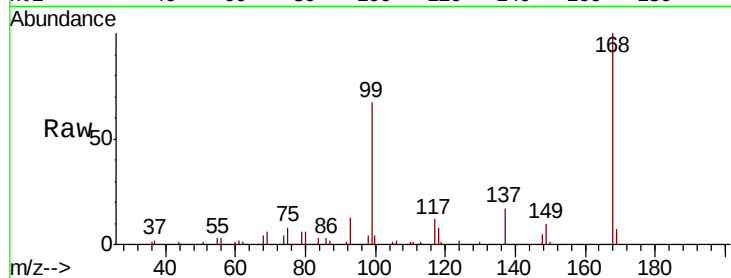
P026-SS017-0206-01RE

Tot Ion:168 Resp: 322716

Ion Ratio Lower Upper

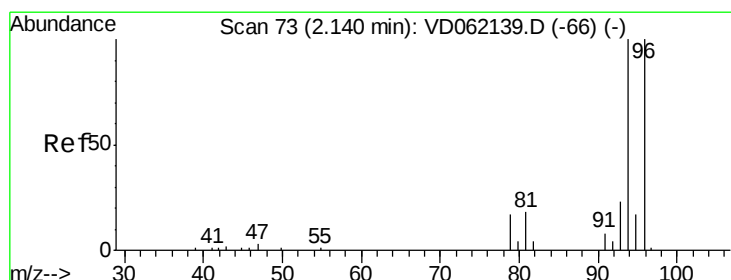
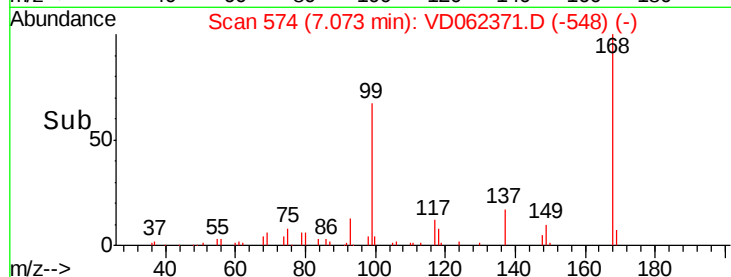
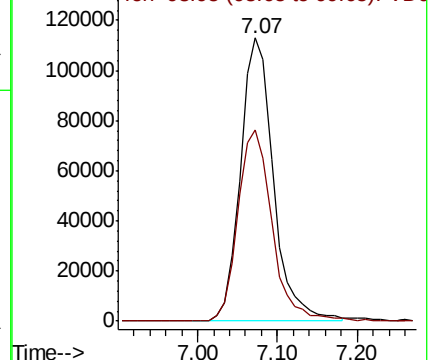
168 100

99 67.4 46.5 69.7



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC



#5

Bromomethane

Concen: 1.532 ug/l

RT: 2.14 min Scan# 73

Delta R.T. 0.00 min

Lab File: VD062371.D

Acq: 15 May 2019 4:00

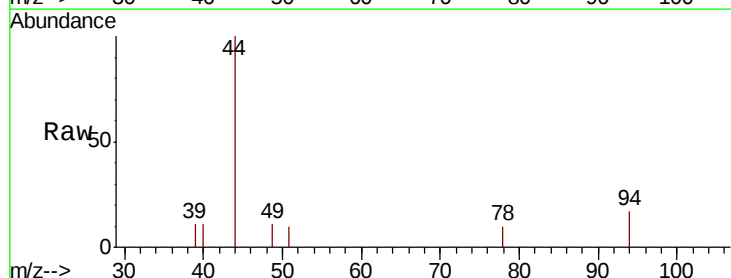
Tgt Ion: 94 Resp: 787

Ion Ratio Lower Upper

94 100

96 0.0 76.6 115.0#

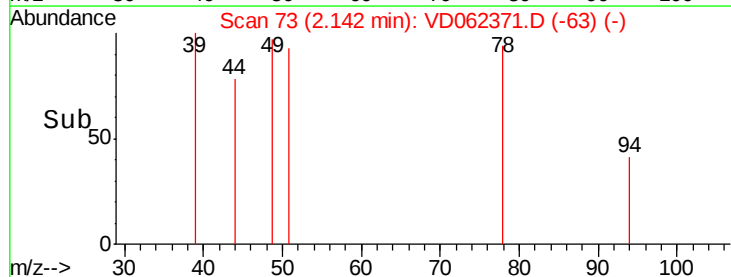
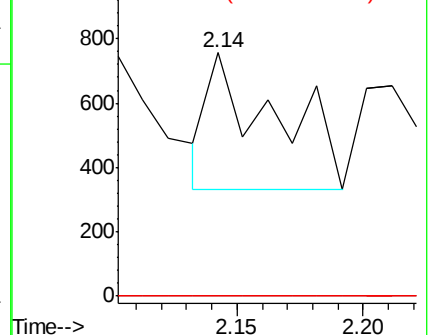
93 0.0 18.5 27.7#



Abundance Ion 94.00 (93.70 to 94.70): VDC

Ion 96.00 (95.70 to 96.70): VDC

Ion 93.00 (92.70 to 93.70): VDC





#16

Acetone

Concen: 8.673 ug/l

RT: 3.23 min Scan# 184

Delta R.T. 0.04 min

Lab File: VD062371.D

Acq: 15 May 2019 4:00

Instrument :

MSVOA_D

ClientSampleId :

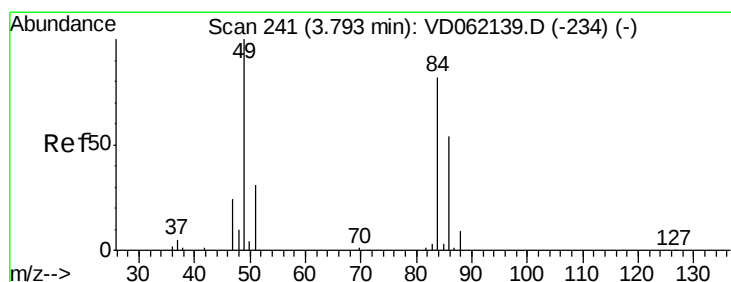
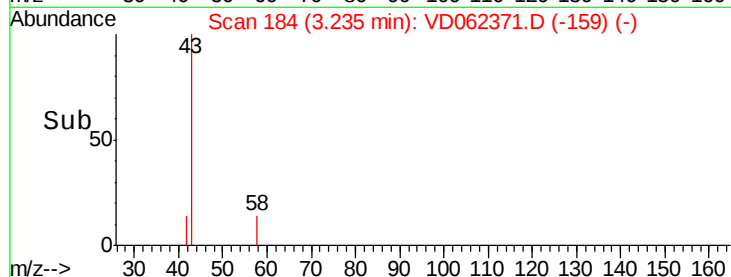
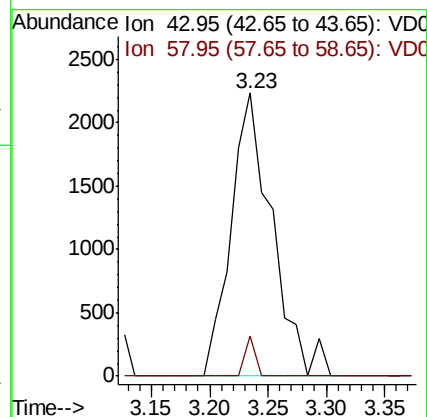
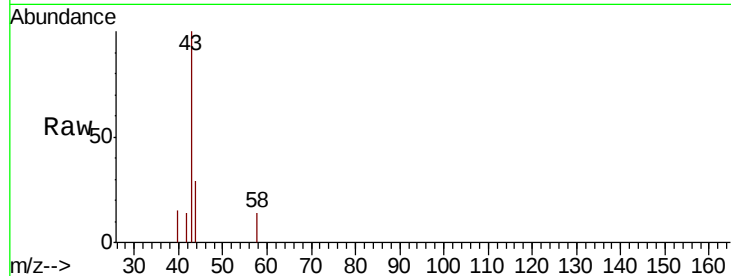
P026-SS017-0206-01RE

Tot Ion: 43 Resp: 5455

Ion Ratio Lower Upper

43 100

58 14.2 19.9 29.9#



#20

Methylene Chloride

Concen: 1.495 ug/l

RT: 3.83 min Scan# 244

Delta R.T. 0.03 min

Lab File: VD062371.D

Acq: 15 May 2019 4:00

Tgt Ion: 84 Resp: 3926

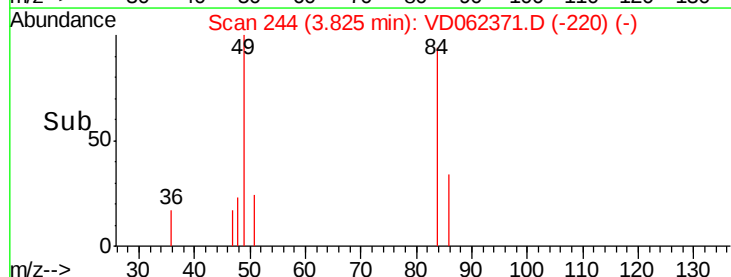
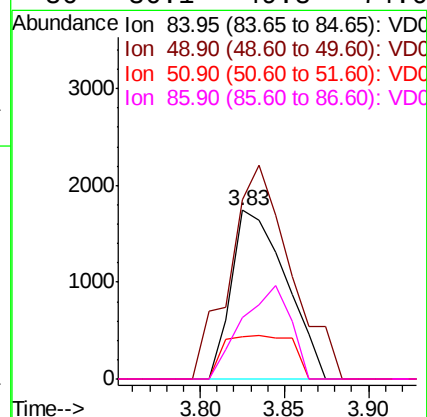
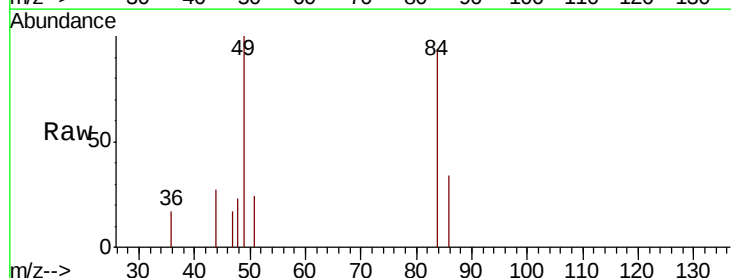
Ion Ratio Lower Upper

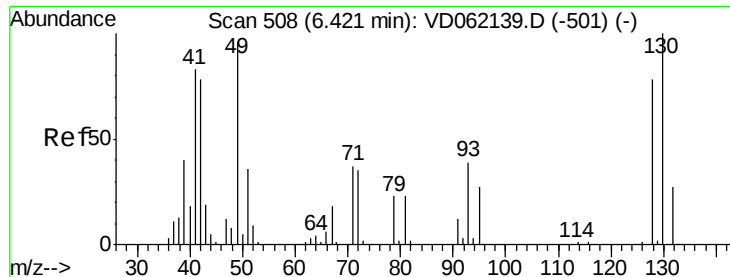
84 100

49 106.3 94.0 141.0

51 25.4 29.0 43.4#

86 36.1 49.8 74.6#





#29

Tetrahydrofuran

Concen: 1.670 ug/l

RT: 6.48 min Scan# 514

Delta R.T. 0.06 min

Lab File: VD062371.D

Acq: 15 May 2019 4:00

Instrument :

MSVOA_D

ClientSampleId :

P026-SS017-0206-01RE

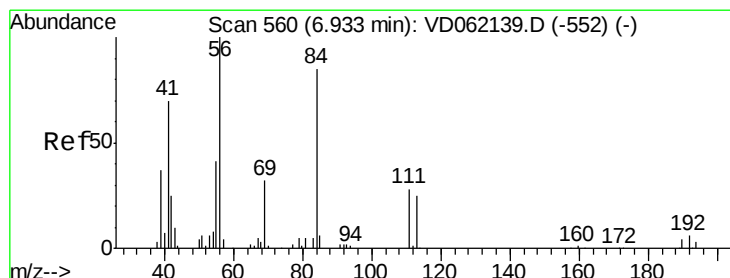
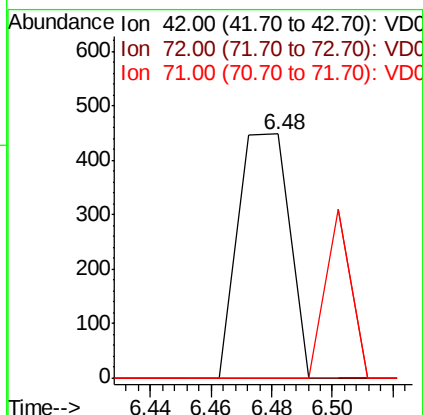
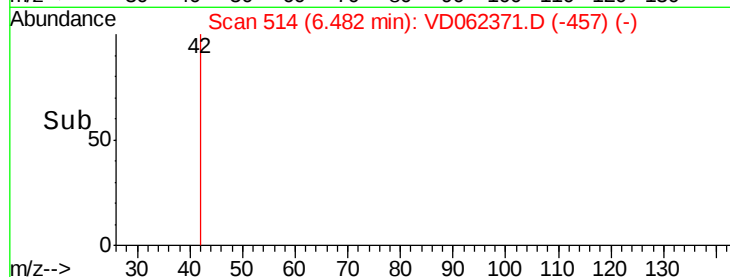
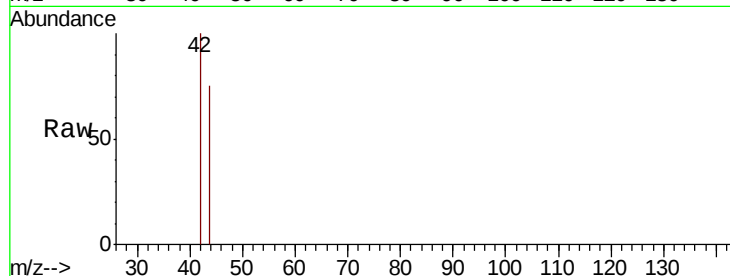
Tot Ion: 42 Resp: 528

Ion Ratio Lower Upper

42 100

72 0.0 37.8 56.6#

71 34.7 36.7 55.1#



#31

Cyclohexane

Concen: 2.421 ug/l

RT: 7.07 min Scan# 574

Delta R.T. 0.14 min

Lab File: VD062371.D

Acq: 15 May 2019 4:00

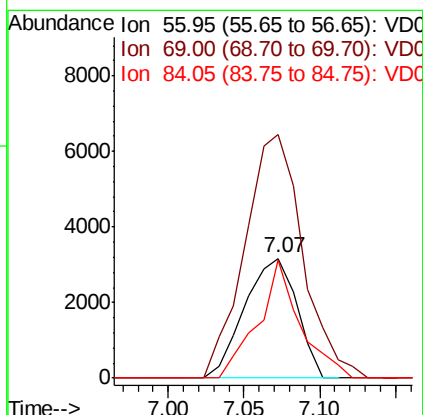
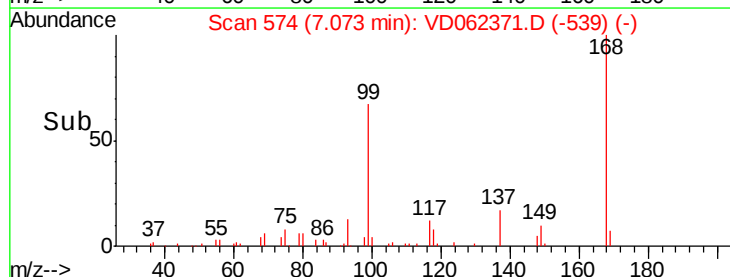
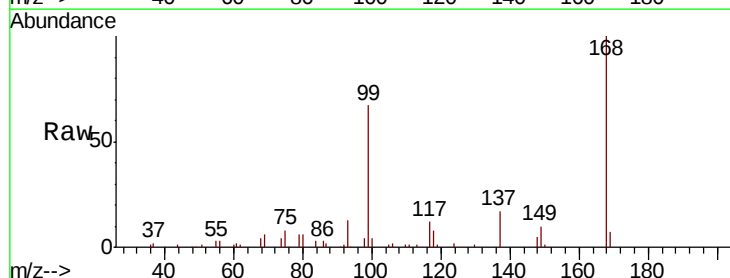
Tgt Ion: 56 Resp: 7618

Ion Ratio Lower Upper

56 100

69 202.9 25.8 38.6#

84 98.5 72.2 108.4

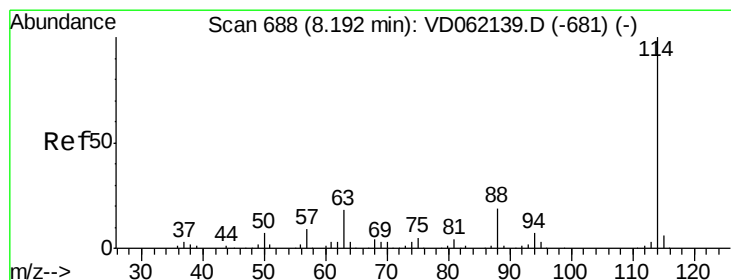
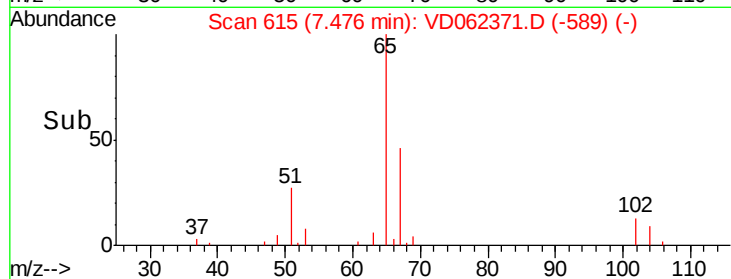
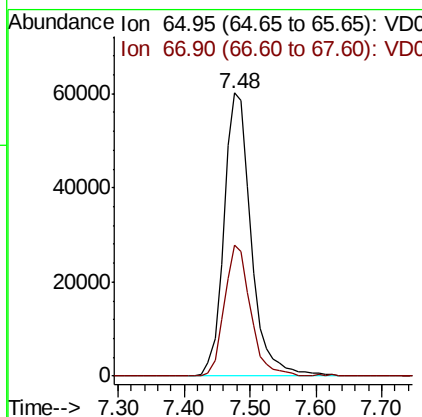
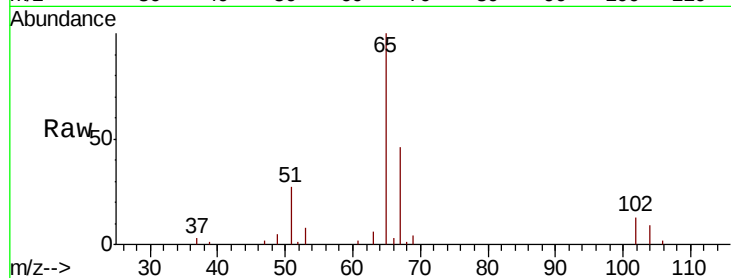




#33
 1,2-Dichloroethane-d4
 Concen: 57.922 ug/l
 RT: 7.48 min Scan# 615
 Delta R.T. 0.05 min
 Lab File: VD062371.D
 Acq: 15 May 2019 4:00

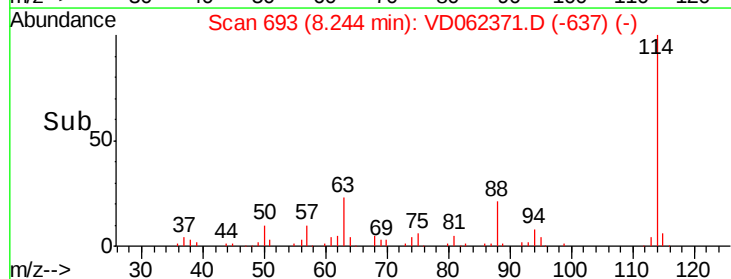
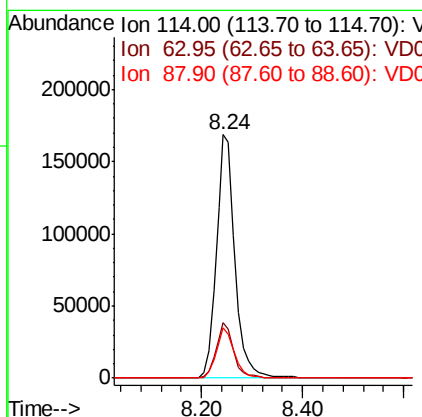
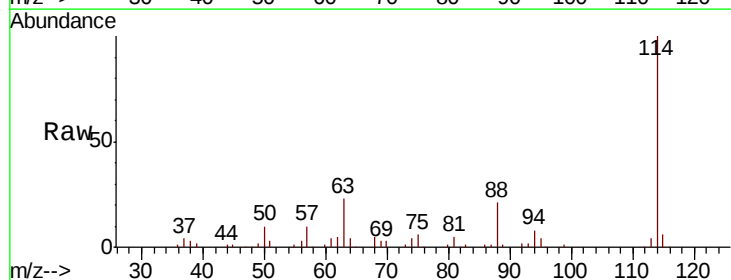
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS017-0206-01RE

Tot Ion: 65 Resp: 173710
 Ion Ratio Lower Upper
 65 100
 67 46.4 0.0 98.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.24 min Scan# 693
 Delta R.T. 0.05 min
 Lab File: VD062371.D
 Acq: 15 May 2019 4:00

Tgt Ion: 114 Resp: 434307
 Ion Ratio Lower Upper
 114 100
 63 22.7 0.0 32.4
 88 20.8 0.0 33.6

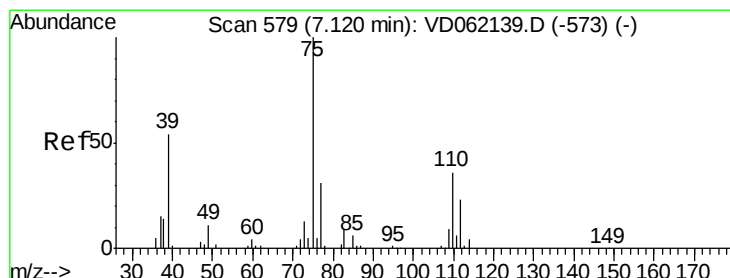
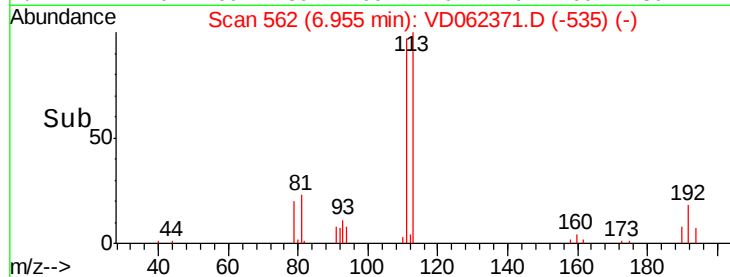
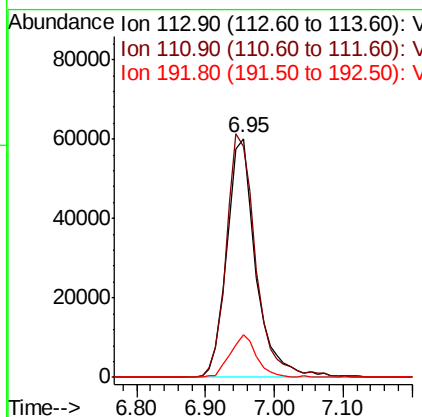
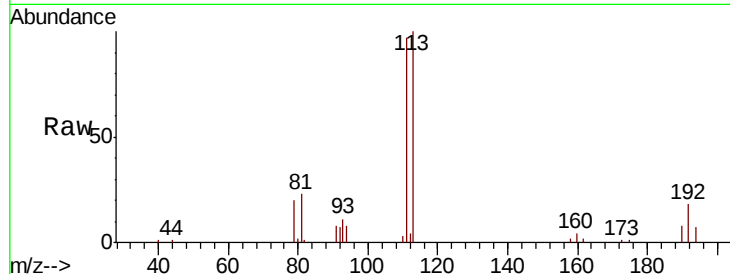




#35
 Dibromofluoromethane
 Concen: 48.655 ug/l
 RT: 6.95 min Scan# 562
 Delta R.T. 0.06 min
 Lab File: VD062371.D
 Acq: 15 May 2019 4:00

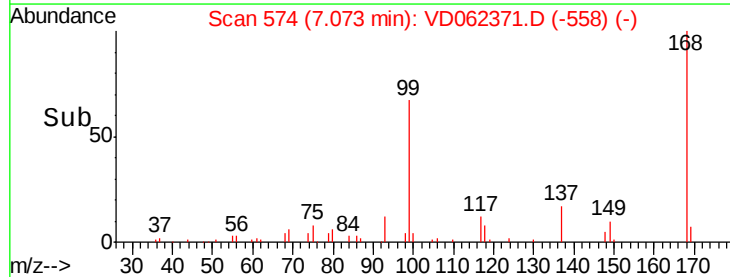
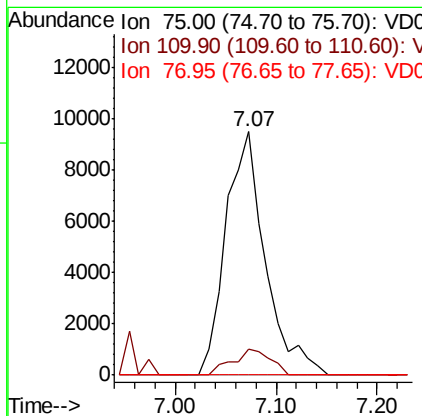
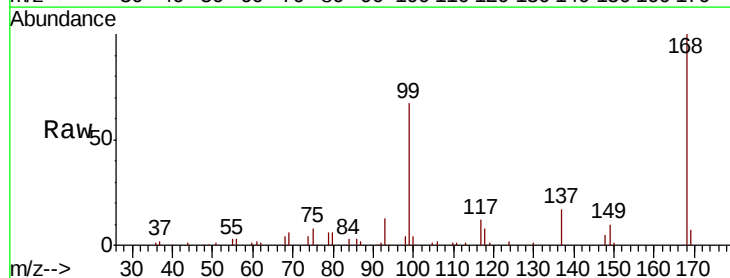
Instrument :
 MSVOA_D
 ClientSampleId :
 P026-SS017-0206-01RE

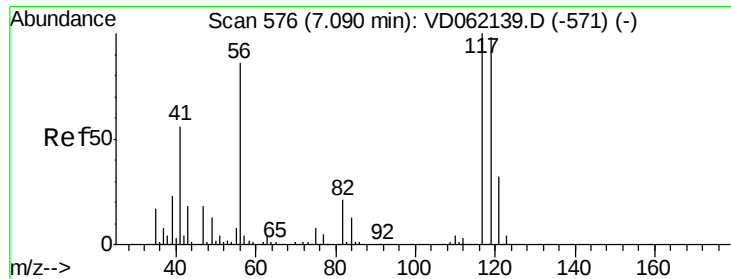
Tot Ion	Ratio	Lower	Upper
113	100		
111	96.8	78.5	117.7
192	17.7	13.0	19.4



#36
 1,1-Dichloropropene
 Concen: 7.232 ug/l
 RT: 7.07 min Scan# 574
 Delta R.T. -0.05 min
 Lab File: VD062371.D
 Acq: 15 May 2019 4:00

Tgt Ion	Ratio	Lower	Upper
75	100		
110	10.9	19.1	57.1#
77	0.0	25.6	38.4#

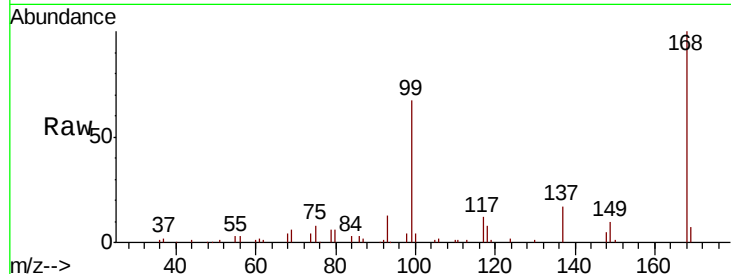




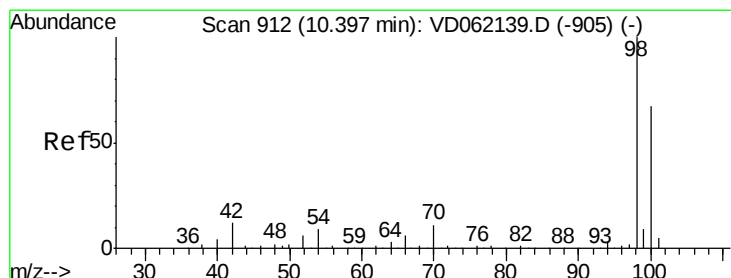
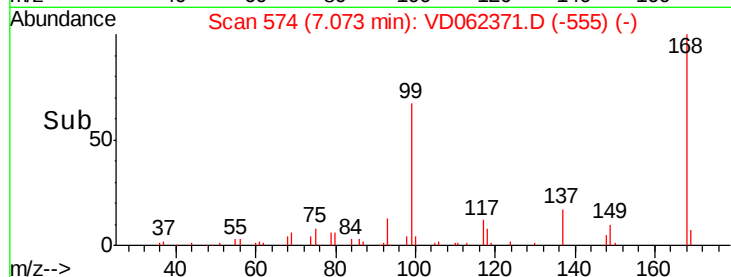
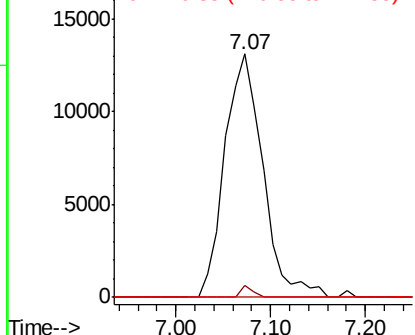
#38
Carbon Tetrachloride
Concen: 7.426 ug/l
RT: 7.07 min Scan# 574
Delta R.T. -0.02 min
Lab File: VD062371.D
Acq: 15 May 2019 4:00

Instrument :
MSVOA_D
ClientSampleId :
P026-SS017-0206-01RE

Tot Ion:117 Resp: 36599
Ion Ratio Lower Upper
117 100
119 5.2 75.8 113.8#
121 0.0 25.9 38.9#

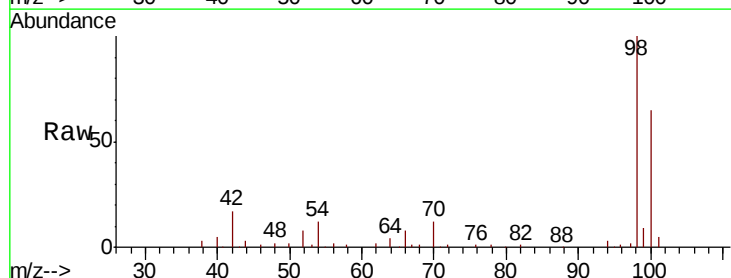


Abundance Ion 116.85 (116.55 to 117.55): V
Ion 118.85 (118.55 to 119.55): V
Ion 120.85 (120.55 to 121.55): V

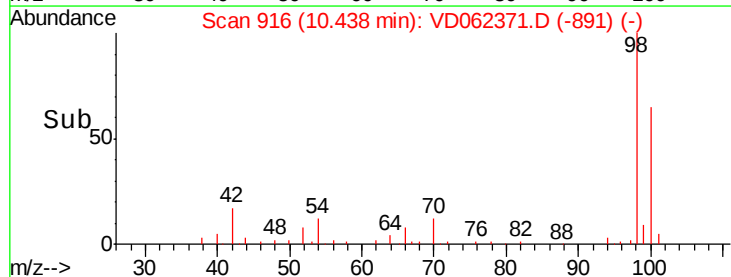
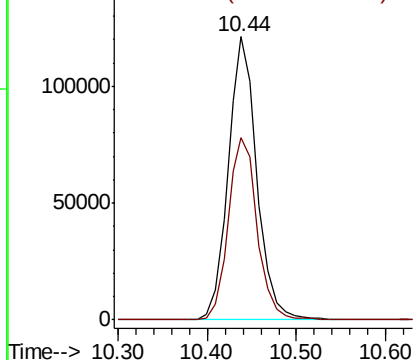


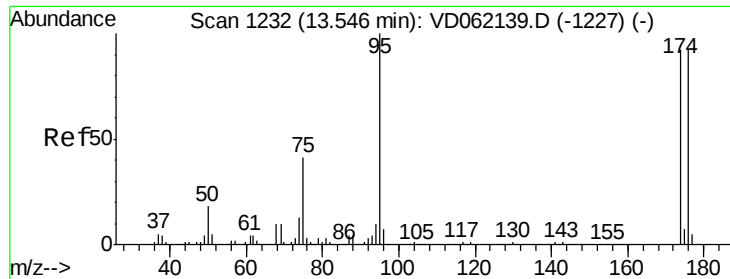
#50
Toluene-d8
Concen: 31.224 ug/l
RT: 10.44 min Scan# 916
Delta R.T. 0.04 min
Lab File: VD062371.D
Acq: 15 May 2019 4:00

Tgt Ion: 98 Resp: 271281
Ion Ratio Lower Upper
98 100
100 64.6 53.8 80.8



Abundance Ion 98.05 (97.75 to 98.75): VDC
Ion 100.05 (99.75 to 100.75): VDC





#62

4-Bromofluorobenzene

Concen: 34.824 ug/l

RT: 13.58 min Scan# 1235

Delta R.T. 0.03 min

Lab File: VD062371.D

Acq: 15 May 2019 4:00

Instrument :

MSVOA_D

ClientSampleId :

P026-SS017-0206-01RE

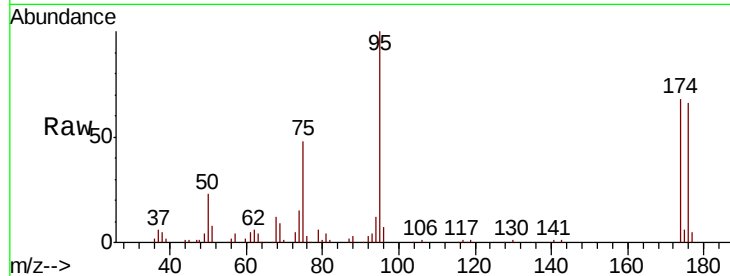
Tot Ion: 95 Resp: 121497

Ion Ratio Lower Upper

95 100

174 68.3 0.0 181.8

176 65.6 0.0 174.4



Abundance Ion 95.00 (94.70 to 95.70): V

Ion 173.90 (173.60 to 174.60): V

Ion 175.90 (175.60 to 176.60): V

120000

100000

80000

60000

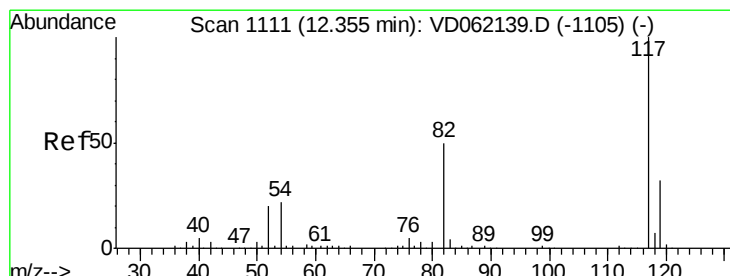
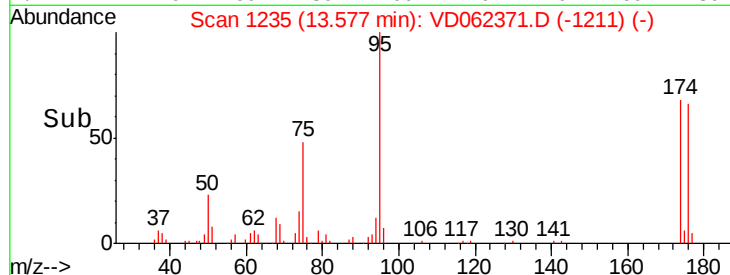
40000

20000

0

13.50 13.55 13.60 13.65

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 12.40 min Scan# 1115

Delta R.T. 0.04 min

Lab File: VD062371.D

Acq: 15 May 2019 4:00

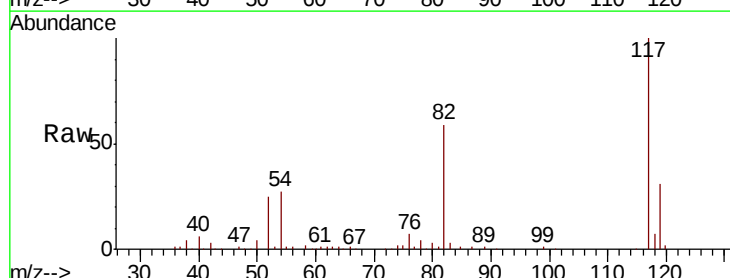
Tgt Ion: 117 Resp: 355350

Ion Ratio Lower Upper

117 100

82 58.5 36.2 54.2#

119 31.3 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

300000

250000

200000

150000

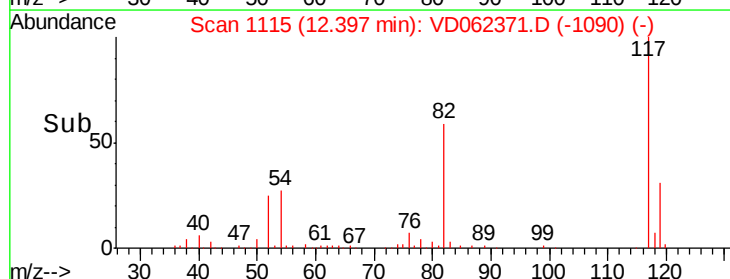
100000

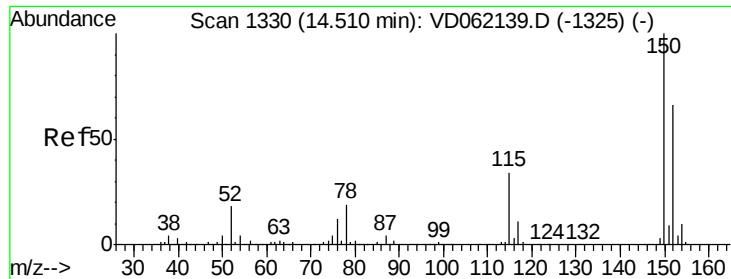
50000

0

12.30 12.40 12.50

Time-->





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 14.54 min Scan# 1333

Delta R.T. 0.03 min

Lab File: VD062371.D

Acq: 15 May 2019 4:00

Instrument :

MSVOA_D

ClientSampleId :

P026-SS017-0206-01RE

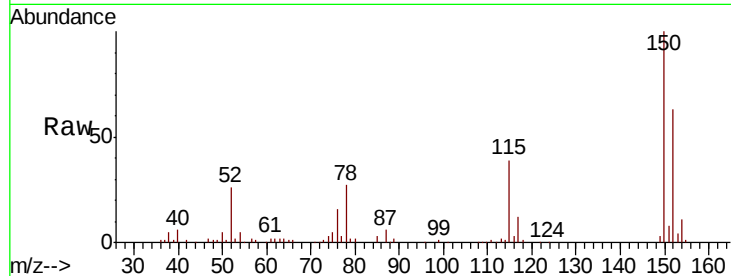
Tot Ion:152 Resp: 160419

Ion Ratio Lower Upper

152 100

115 61.1 30.9 92.7

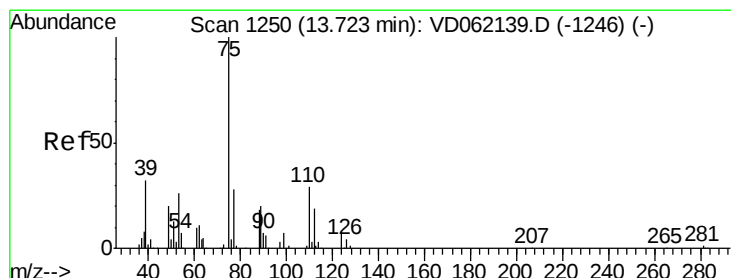
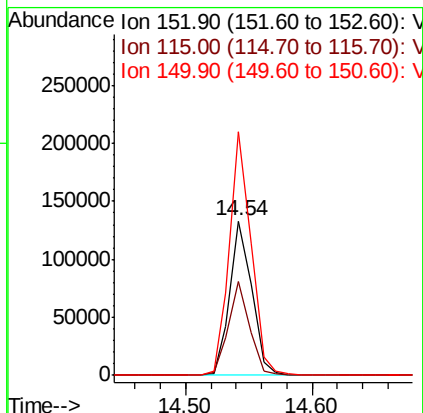
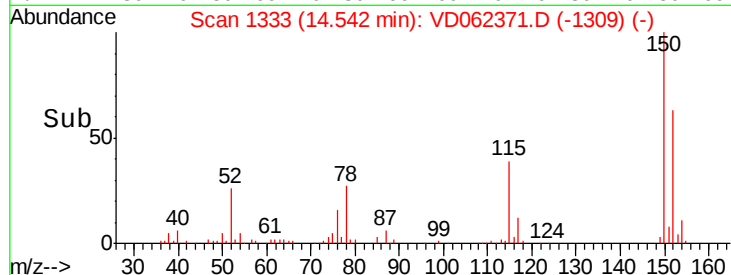
150 157.8 0.0 314.8



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



#76

1,2,3-Trichloropropane

Concen: 30.203 ug/l

RT: 13.58 min Scan# 1235

Delta R.T. -0.15 min

Lab File: VD062371.D

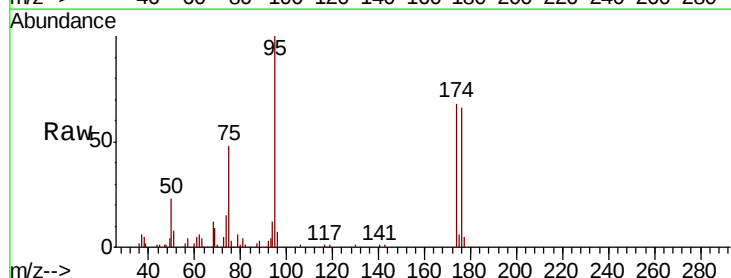
Acq: 15 May 2019 4:00

Tgt Ion: 75 Resp: 57581

Ion Ratio Lower Upper

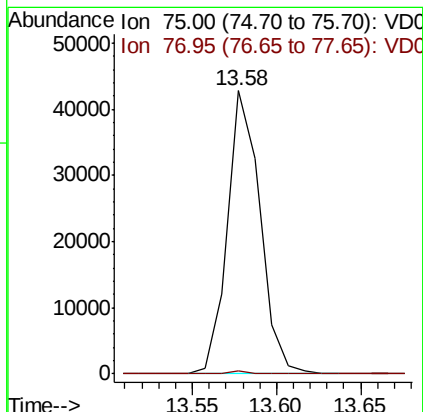
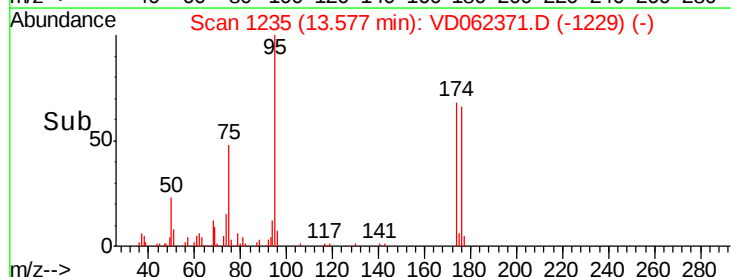
75 100

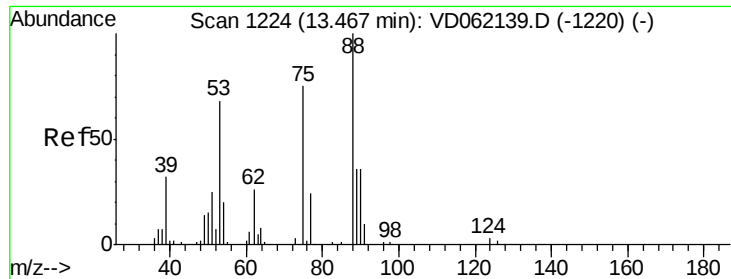
77 0.9 16.4 49.4#



Abundance Ion 75.00 (74.70 to 75.70): V

Ion 76.95 (76.65 to 77.65): V





#81

trans-1,4-Dichloro-2-butene

Concen: 106.988 ug/l

RT: 13.58 min Scan# 1235

Delta R.T. 0.11 min

Lab File: VD062371.D

Acq: 15 May 2019 4:00

Instrument :

MSVOA_D

ClientSampleId :

P026-SS017-0206-01RE

Tot Ion: 75 Resp: 57581

Ion Ratio Lower Upper

75 100

53 0.0 65.8 98.8#

89 0.0 35.0 52.6#

