

Data Path : Z:\VOASRV\HPCHEM1\MSVOA D\DATA\VD062519\
 Data File : VD062899.D
 Acq On : 26 Jun 2019 3:02
 Operator : VA/AP
 Sample : K3528-01
 Misc : 5.10g/5ml/MSVOA D/SOIL
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-9.5-10.0

Quant Time: Jun 26 05:39:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 01:50:56 2019
 Response via : Initial Calibration

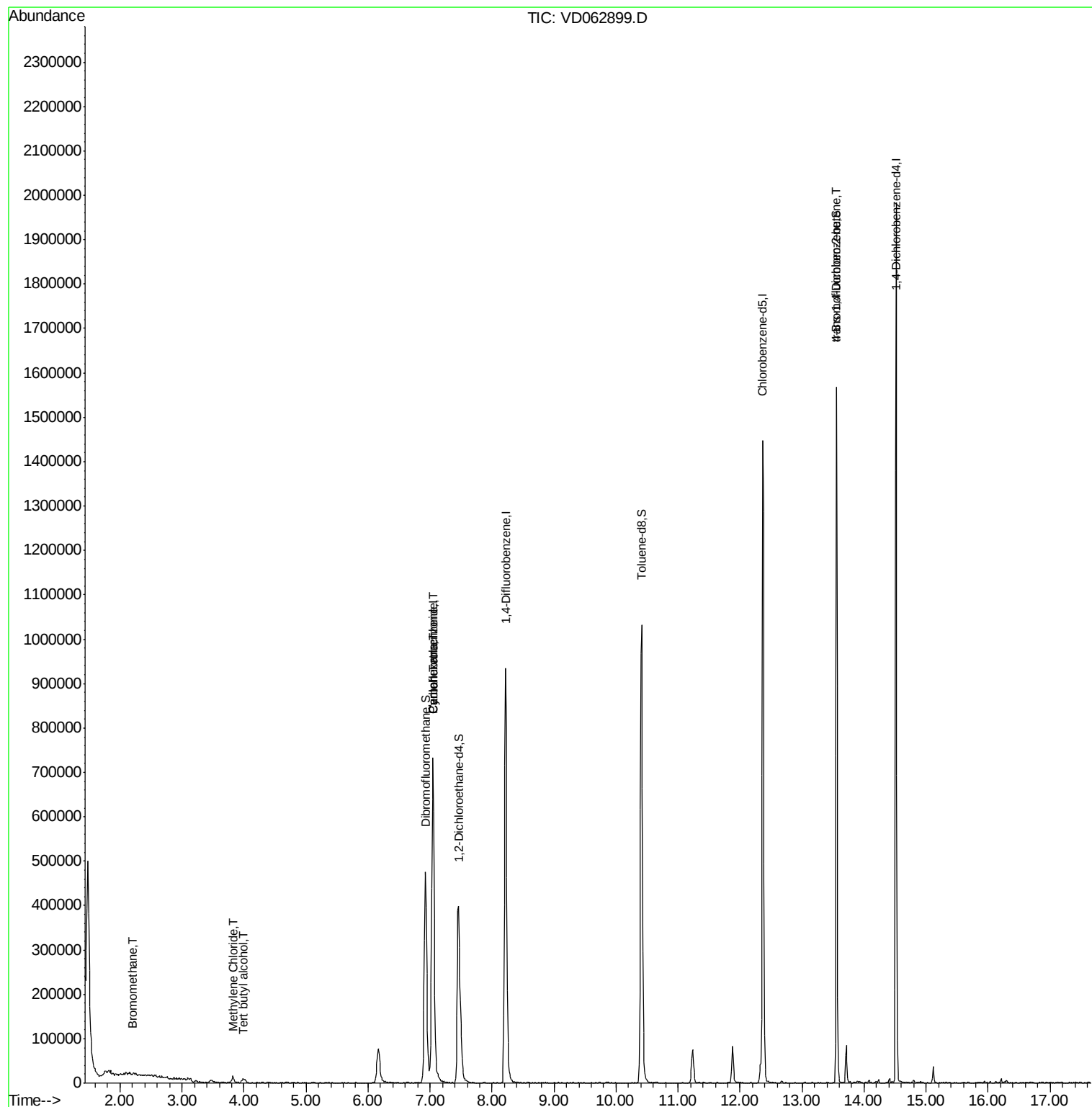
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.05	168	697669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.22	114	967676	50.00	ug/l	0.00
63) Chlorobenzene-d5	12.36	117	783020	50.00	ug/l	-0.01
72) 1,4-Dichlorobenzene-d4	14.52	152	426662	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.45	65	423624	55.86	ug/l	-0.01
Spiked Amount 50.000			Recovery	=	111.72%	
35) Dibromofluoromethane	6.93	113	444437	54.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.94%	
50) Toluene-d8	10.41	98	844430	47.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.10%	
62) 4-Bromofluorobenzene	13.55	95	402549	49.85	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.70%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.19	94	3169	1.005	ug/l #	13
11) Tert butyl alcohol	4.00	59	8840	25.594	ug/l #	77
16) Acetone	3.22	43	4898	Below Cal	#	64
20) Methylene Chloride	3.82	84	8030	1.388	ug/l #	80
31) Cyclohexane	7.05	56	15852	2.226	ug/l #	11
38) Carbon Tetrachloride	7.05	117	73473	5.333	ug/l #	16
81) trans-1,4-Dichloro-2-buten	13.55	75	198257	153.580	ug/l #	2

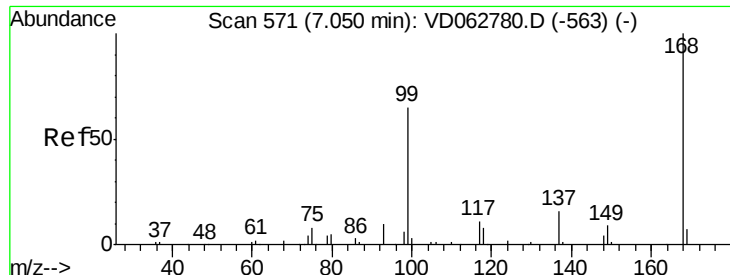
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA D\DATA\VD062519\
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ClientSampleId :
SB-06-9.5-10.0

Quant Time: Jun 26 05:39:17 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_D\METHOD\82D061919S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 20 01:50:56 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.00 min

Lab File: VD062899.D

Acq: 26 Jun 2019 3:02

Instrument :

MSVOA_D

ClientSampleId :

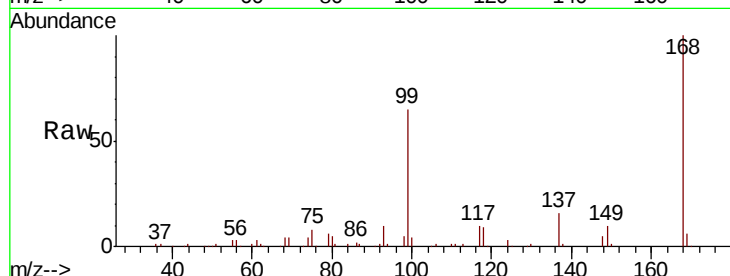
SB-06-9.5-10.0

Tot Ion:168 Resp: 697669

Ion Ratio Lower Upper

168 100

99 64.6 53.0 79.6



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.95 (98.65 to 99.65): VDC

7.05

250000

200000

150000

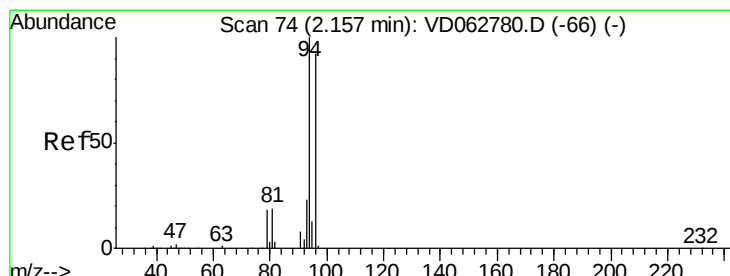
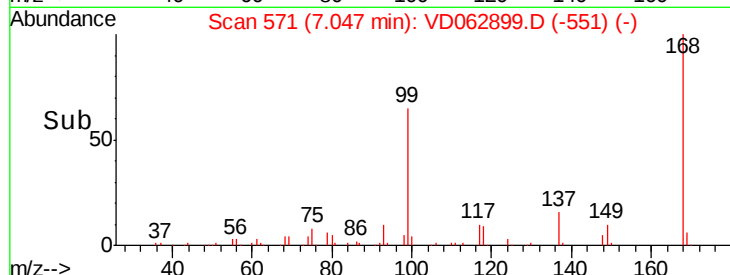
100000

50000

0

Time-->

6.90 7.00 7.10 7.20



#5

Bromomethane

Concen: 1.005 ug/l

RT: 2.19 min Scan# 78

Delta R.T. 0.04 min

Lab File: VD062899.D

Acq: 26 Jun 2019 3:02

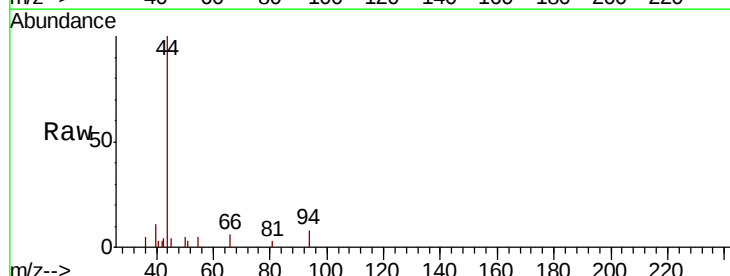
Tgt Ion: 94 Resp: 3169

Ion Ratio Lower Upper

94 100

96 0.0 73.4 110.2#

93 0.0 18.2 27.4#



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

2.19

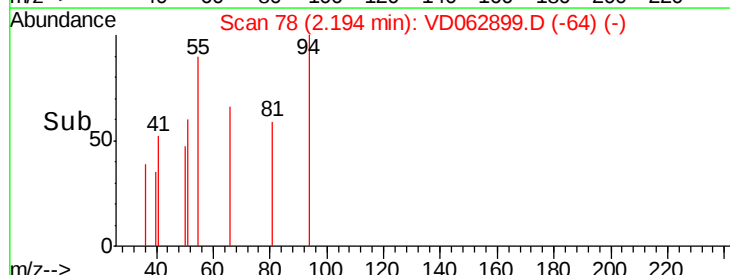
1000

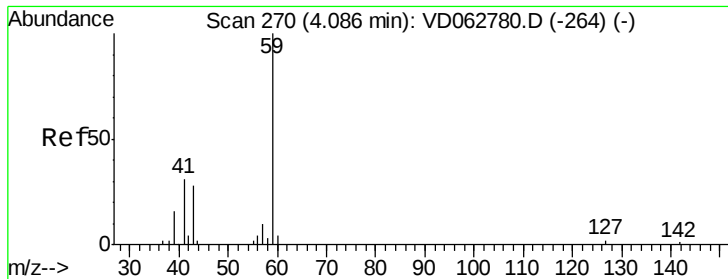
500

0

Time-->

2.10 2.15 2.20

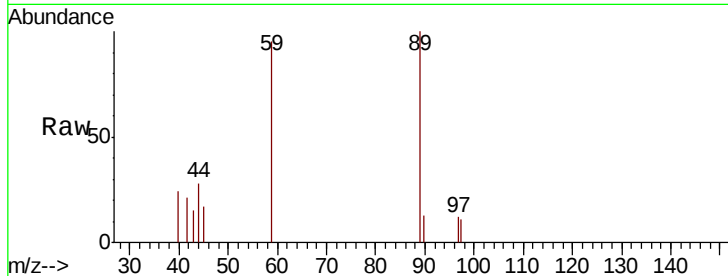




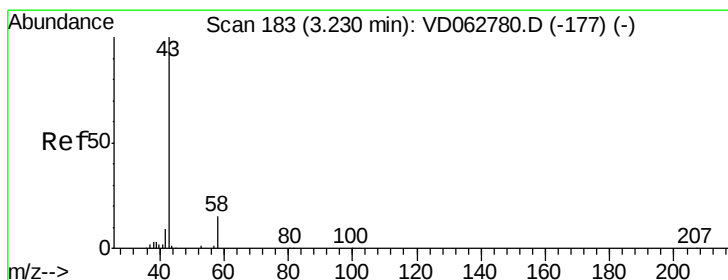
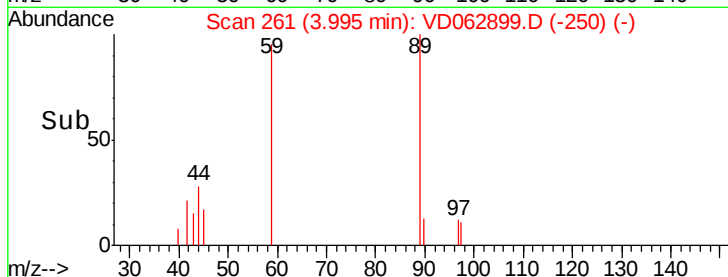
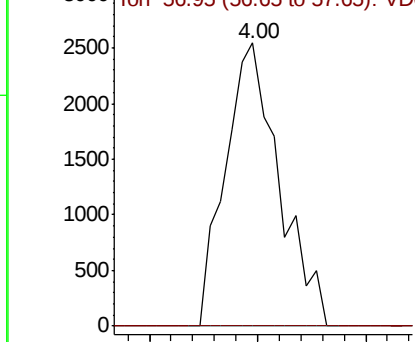
#11
Tert butyl alcohol
Concen: 25.594 ug/l
RT: 4.00 min Scan# 261
Delta R.T. -0.09 min
Lab File: VD062899.D
Acq: 26 Jun 2019 3:02

Instrument :
MSVOA_D
ClientSampleId :
SB-06-9.5-10.0

Tot Ion: 59 Resp: 8840
Ion Ratio Lower Upper
59 100
57 0.0 6.6 10.0#

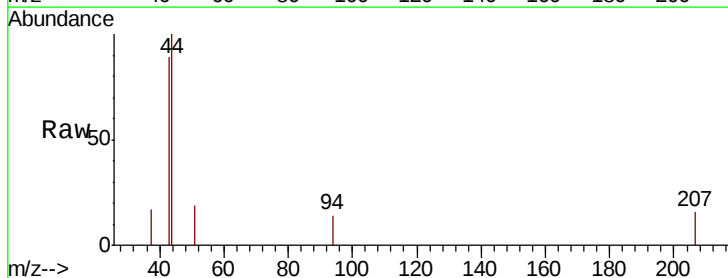


Abundance Ion 58.95 (58.65 to 59.65): VDC
Ion 56.95 (56.65 to 57.65): VDC

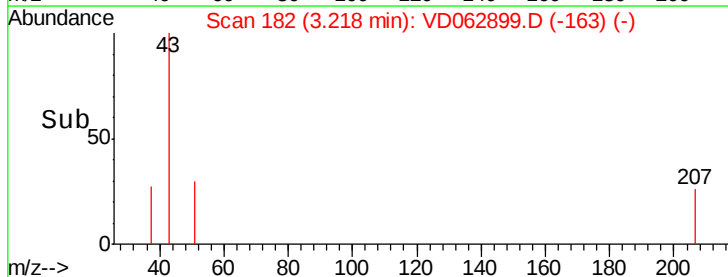
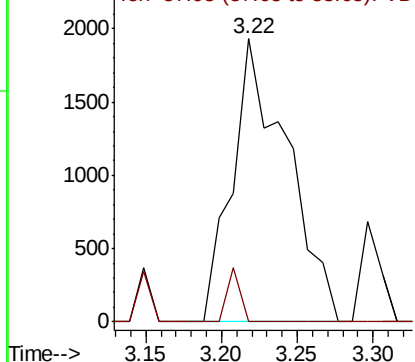


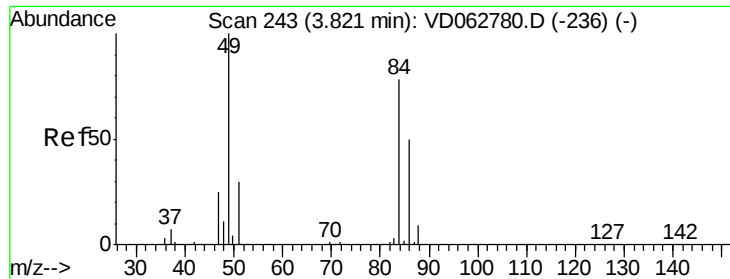
#16
Acetone
Concen: Below Cal
RT: 3.22 min Scan# 182
Delta R.T. -0.01 min
Lab File: VD062899.D
Acq: 26 Jun 2019 3:02

Tgt Ion: 43 Resp: 4898
Ion Ratio Lower Upper
43 100
58 0.0 11.9 17.9#



Abundance Ion 42.95 (42.65 to 43.65): VDC
Ion 57.95 (57.65 to 58.65): VDC

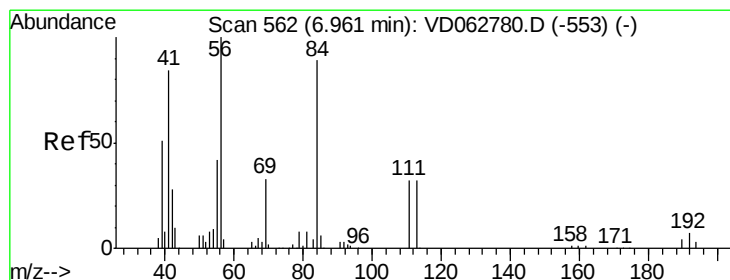
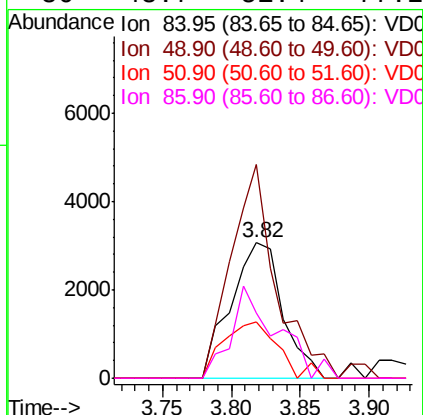
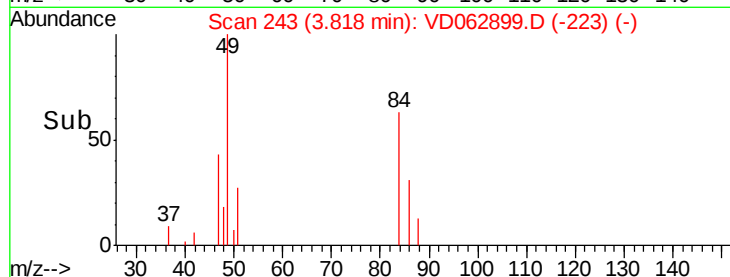
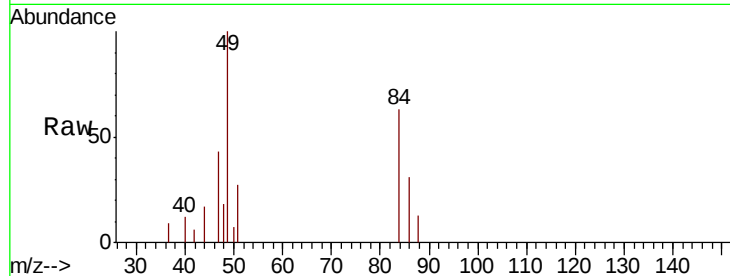




#20
Methvlene Chloride
Concen: 1.388 ug/l
RT: 3.82 min Scan# 243
Delta R.T. -0.00 min
Lab File: VD062899.D
Acq: 26 Jun 2019 3:02

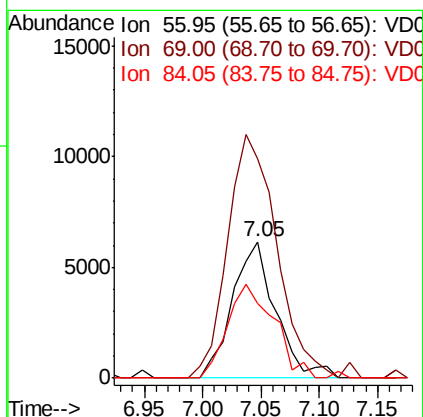
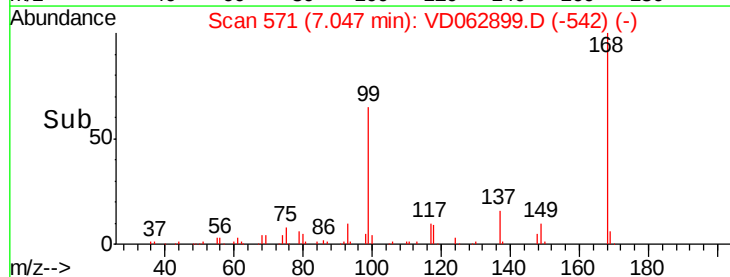
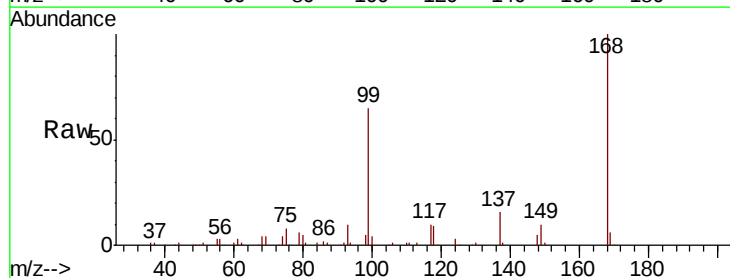
Instrument :
MSVOA_D
ClientSampleId :
SB-06-9.5-10.0

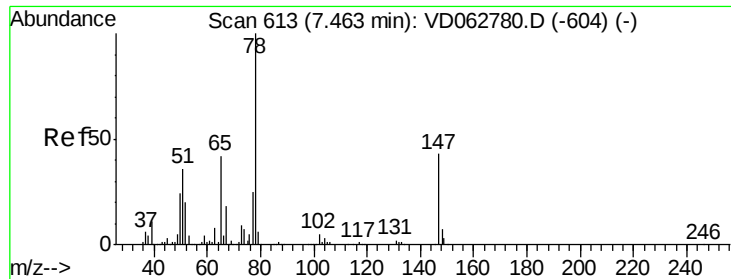
Tot Ion: 84 Resp: 8030
Ion Ratio Lower Upper
84 100
49 158.1 102.9 154.3#
51 42.0 31.2 46.8
86 48.7 51.4 77.2#



#31
Cyclohexane
Concen: 2.226 ug/l
RT: 7.05 min Scan# 571
Delta R.T. 0.09 min
Lab File: VD062899.D
Acq: 26 Jun 2019 3:02

Tgt Ion: 56 Resp: 15852
Ion Ratio Lower Upper
56 100
69 160.9 26.6 39.8#
84 55.0 75.5 113.3#

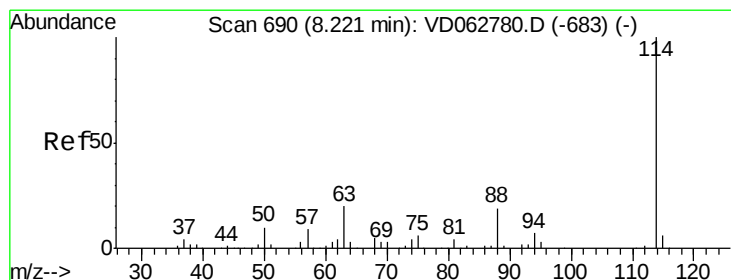
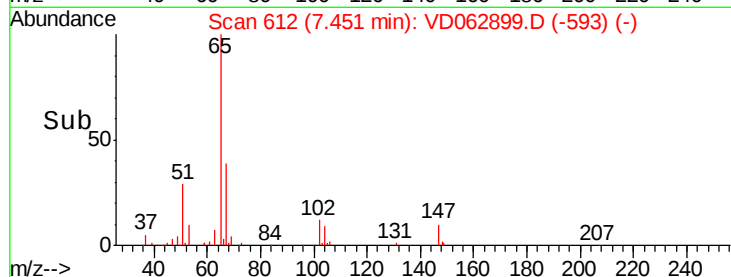
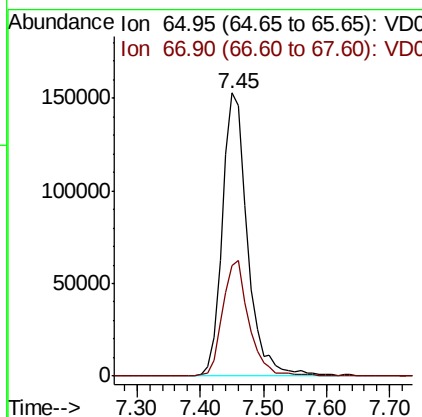
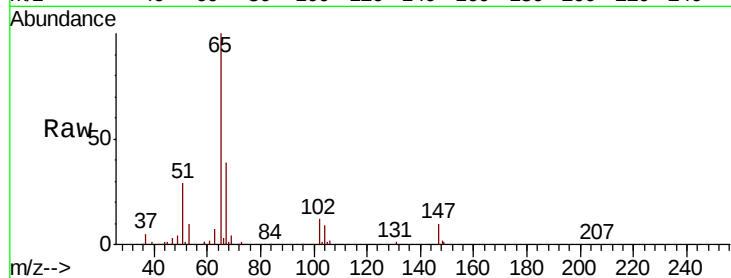




#33
 1,2-Dichloroethane-d4
 Concen: 55.861 ug/l
 RT: 7.45 min Scan# 612
 Delta R.T. -0.01 min
 Lab File: VD062899.D
 Acq: 26 Jun 2019 3:02

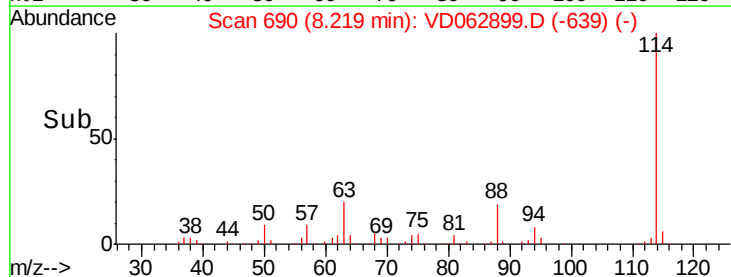
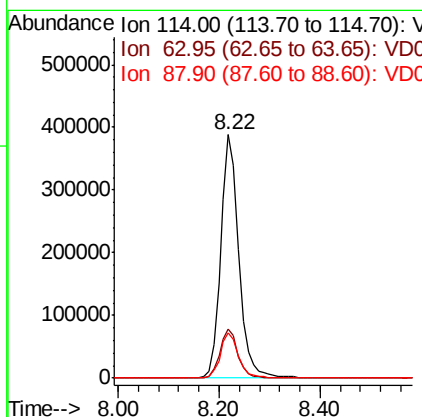
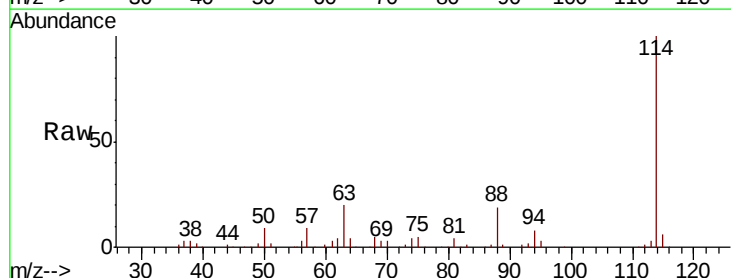
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-9.5-10.0

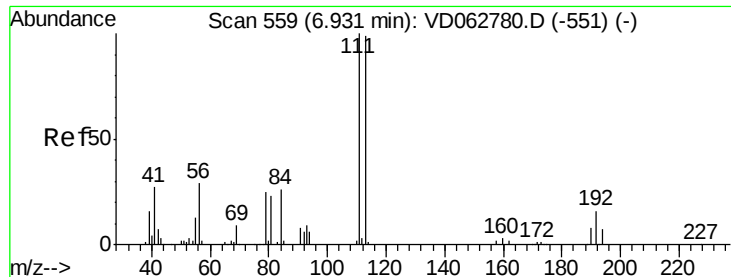
Tot Ion: 65 Resp: 423624
 Ion Ratio Lower Upper
 65 100
 67 38.9 0.0 87.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.22 min Scan# 690
 Delta R.T. -0.00 min
 Lab File: VD062899.D
 Acq: 26 Jun 2019 3:02

Tgt Ion: 114 Resp: 967676
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 40.0
 88 18.5 0.0 38.8





#35

Dibromofluoromethane

Concen: 54.469 ug/l

RT: 6.93 min Scan# 559

Delta R.T. -0.00 min

Lab File: VD062899.D

Acq: 26 Jun 2019 3:02

Instrument :

MSVOA_D

ClientSampleId :

SB-06-9.5-10.0

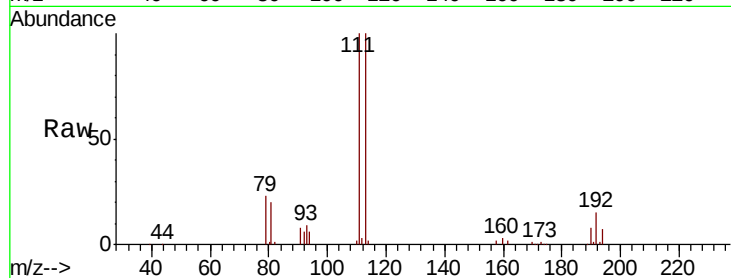
Tot Ion:113 Resp: 444437

Ion Ratio Lower Upper

113 100

111 100.1 81.2 121.8

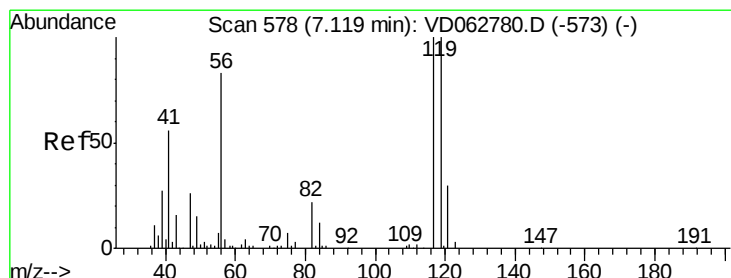
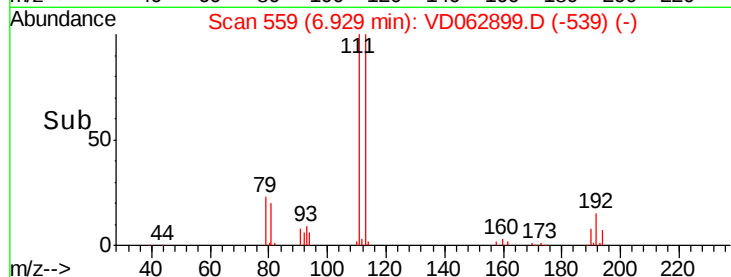
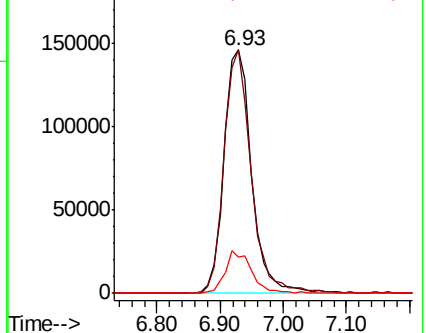
192 15.1 12.9 19.3



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



#38

Carbon Tetrachloride

Concen: 5.333 ug/l

RT: 7.05 min Scan# 571

Delta R.T. -0.07 min

Lab File: VD062899.D

Acq: 26 Jun 2019 3:02

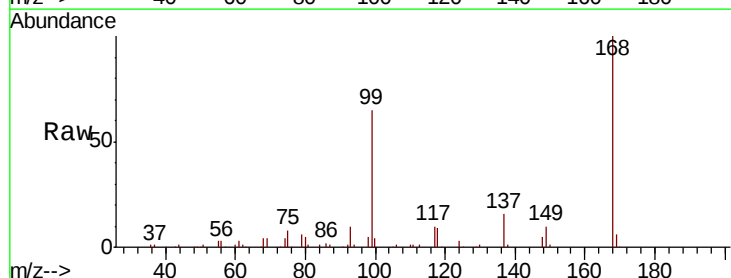
Tgt Ion:117 Resp: 73473

Ion Ratio Lower Upper

117 100

119 4.4 75.4 113.2#

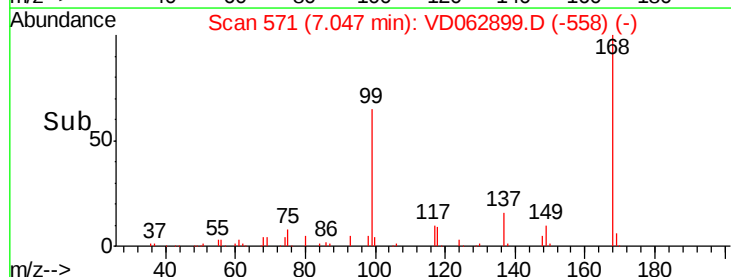
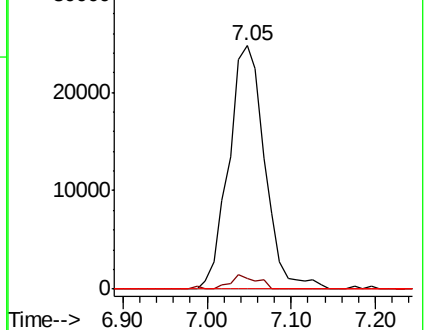
121 0.0 22.3 33.5#

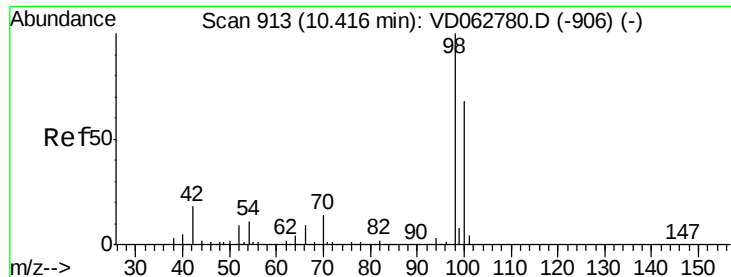


Abundance Ion 116.85 (116.55 to 117.55): V

Ion 118.85 (118.55 to 119.55): V

Ion 120.85 (120.55 to 121.55): V

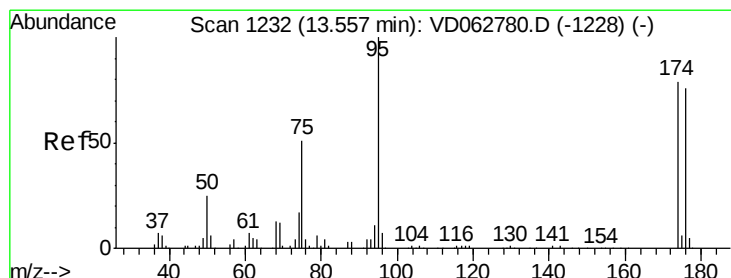
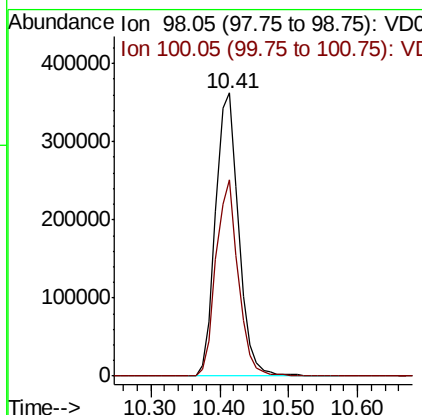
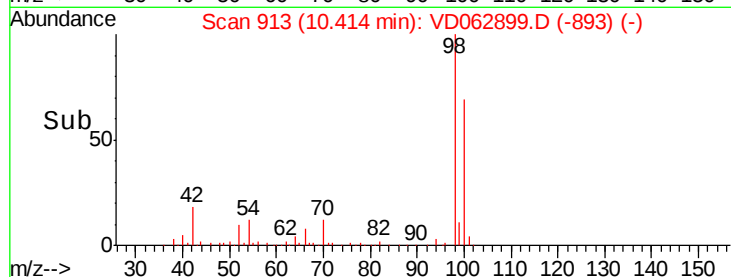
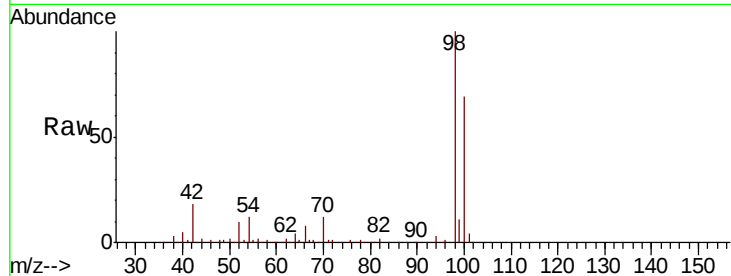




#50
Toluene-d8
Concen: 47.550 ug/l
RT: 10.41 min Scan# 913
Delta R.T. -0.00 min
Lab File: VD062899.D
Acq: 26 Jun 2019 3:02

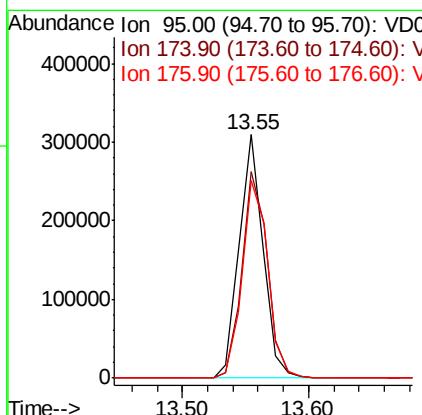
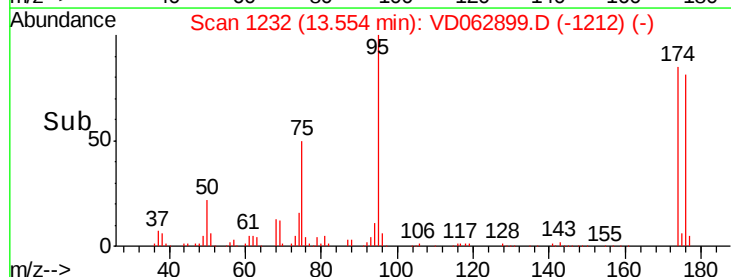
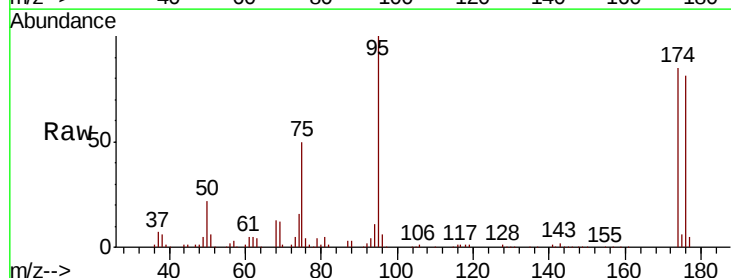
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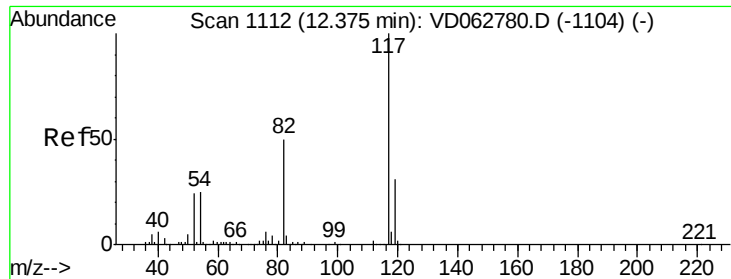
Tot Ion: 98 Resp: 844430
Ion Ratio Lower Upper
98 100
100 69.4 54.7 82.1



#62
4-Bromofluorobenzene
Concen: 49.851 ug/l
RT: 13.55 min Scan# 1232
Delta R.T. -0.00 min
Lab File: VD062899.D
Acq: 26 Jun 2019 3:02

Tgt Ion: 95 Resp: 402549
Ion Ratio Lower Upper
95 100
174 84.9 0.0 158.0
176 81.3 0.0 151.6

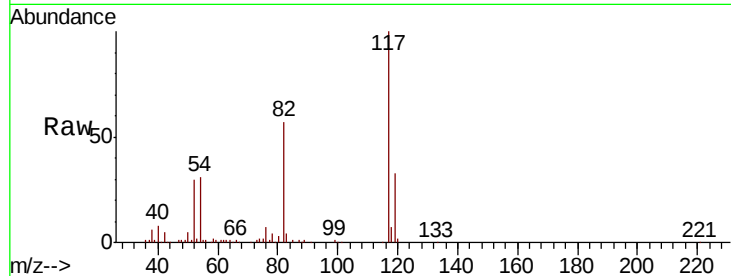




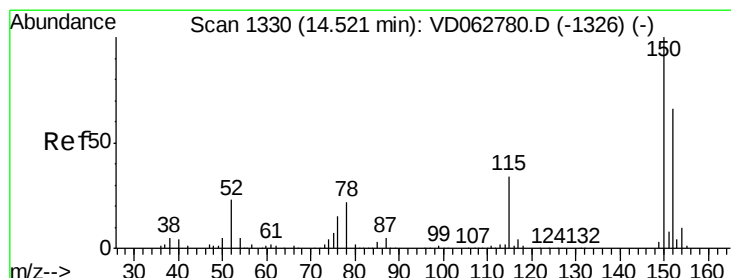
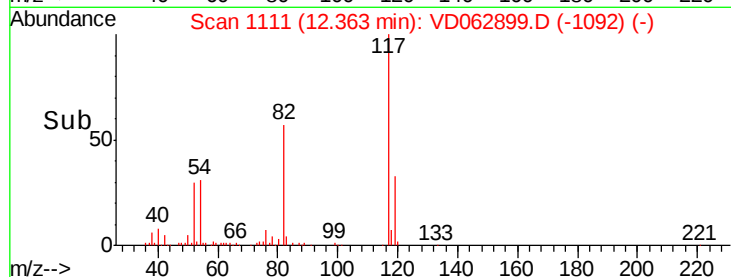
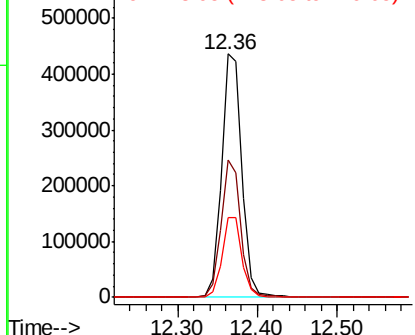
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 12.36 min Scan# 1111
Delta R.T. -0.01 min
Lab File: VD062899.D
Acq: 26 Jun 2019 3:02

Instrument :
MSVOA_D
ClientSampleId :
SB-06-9.5-10.0

Tot Ion:117 Resp: 783020
Ion Ratio Lower Upper
117 100
82 56.6 40.4 60.6
119 32.7 25.2 37.8

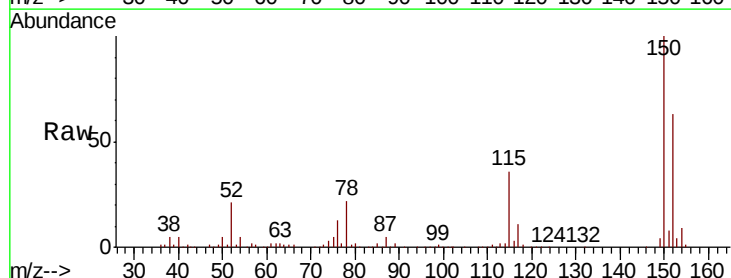


Abundance Ion 116.95 (116.65 to 117.65): V
Ion 82.05 (81.75 to 82.75): V
Ion 118.95 (118.65 to 119.65): V

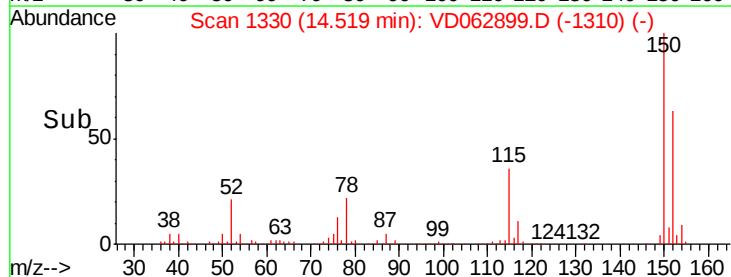
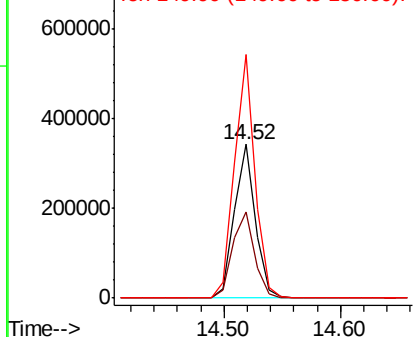


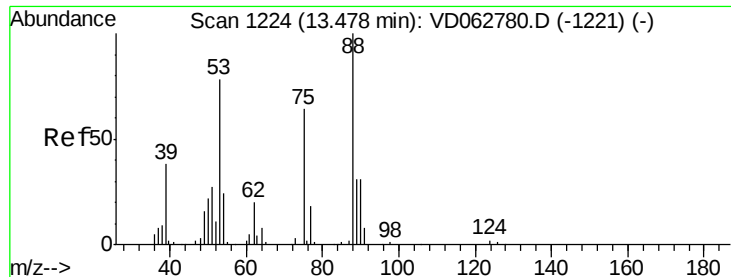
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 14.52 min Scan# 1330
Delta R.T. -0.00 min
Lab File: VD062899.D
Acq: 26 Jun 2019 3:02

Tgt Ion:152 Resp: 426662
Ion Ratio Lower Upper
152 100
115 56.4 29.2 87.6
150 158.2 0.0 305.8



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: 153.580 ug/l

RT: 13.55 min Scan# 1232

Delta R.T. 0.08 min

Lab File: VD062899.D

Acq: 26 Jun 2019 3:02

Instrument :

MSVOA_D

ClientSampleId :

SB-06-9.5-10.0

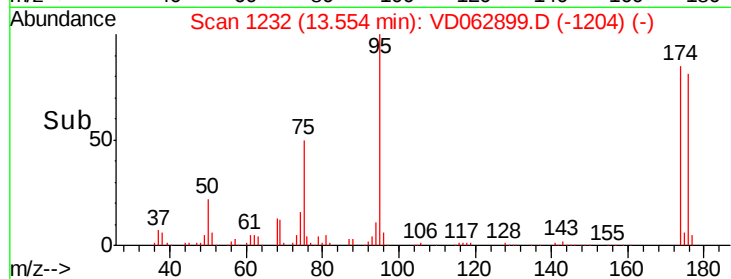
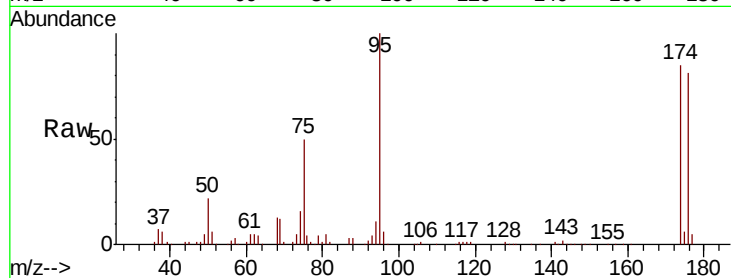
Tot Ion: 75 Resp: 198257

Ion Ratio Lower Upper

75 100

53 0.0 97.8 146.8#

89 0.0 39.4 59.2#



Abundance Ion 75.00 (74.70 to 75.70): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 89.00 (88.70 to 89.70): VDC

