

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081720\
 Data File : VD066254.D
 Acq On : 17 Aug 2020 13:33
 Operator : VA/SY
 Sample : L3662-05RE
 Misc : 7.55G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RBR-59

Quant Time: Aug 17 14:50:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D080520S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 05 13:49:25 2020
 Response via : Initial Calibration

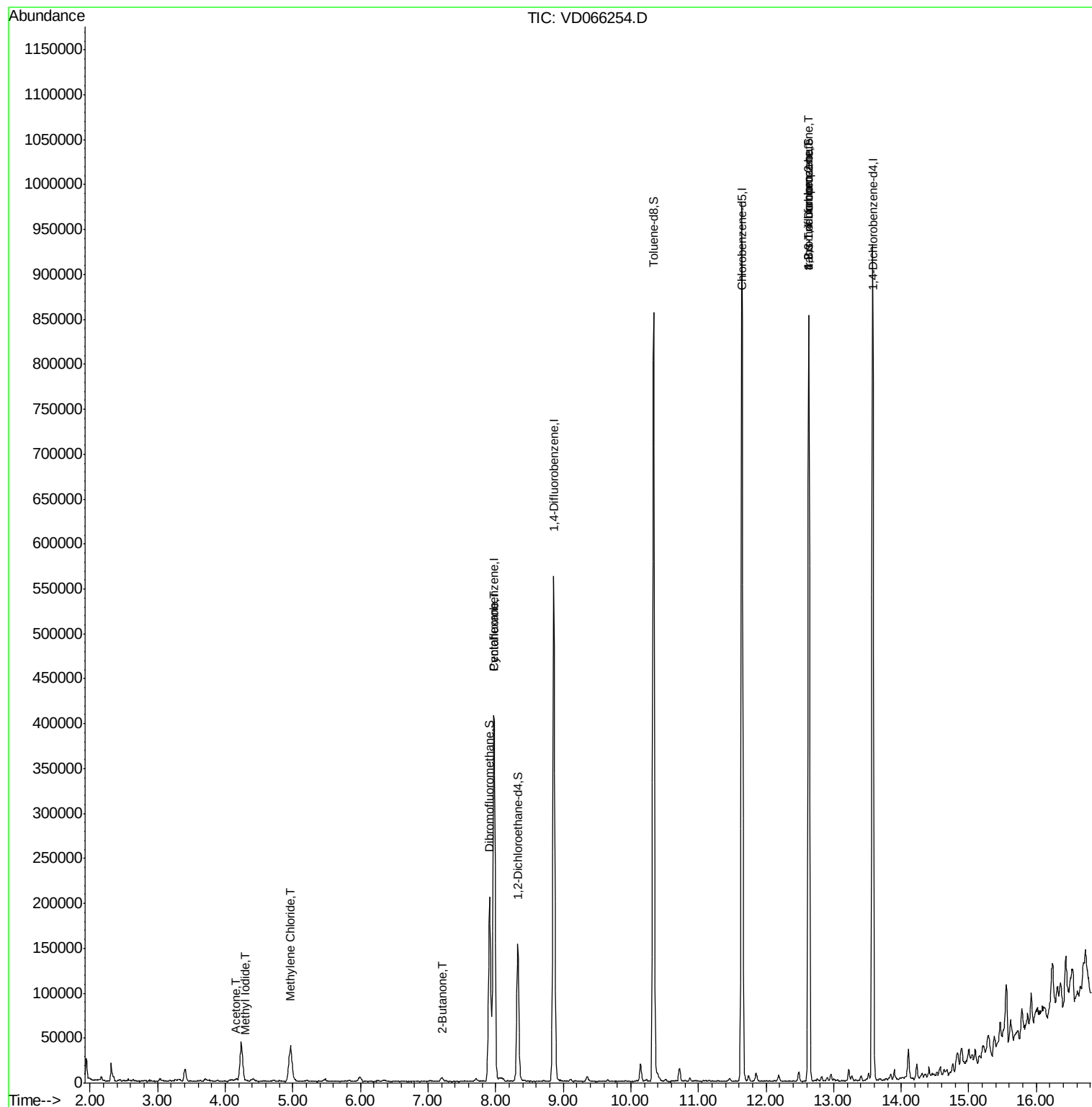
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	320051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	488885	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	564646	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	260499	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	122096	42.76	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.52%	
35) Dibromofluoromethane	7.91	113	142347	45.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.92%	
50) Toluene-d8	10.34	98	586734	51.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.68%	
62) 4-Bromofluorobenzene	12.63	95	265032	64.33	ug/l	0.00
Spiked Amount 50.000			Recovery	=	128.66%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.30	142	1140	7.072	ug/l #	72
11) Tert butyl alcohol	5.21	59	2065	Below Cal	#	76
16) Acetone	4.16	43	5355	9.884	ug/l #	85
20) Methylene Chloride	4.96	84	31785	6.122	ug/l	94
25) 2-Butanone	7.21	43	1182	1.483	ug/l #	47
31) Cyclohexane	7.98	56	7231	1.446	ug/l #	1
76) 1,2,3-Trichloropropane	12.63	75	133003	61.225	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	133003	135.341	ug/l #	13

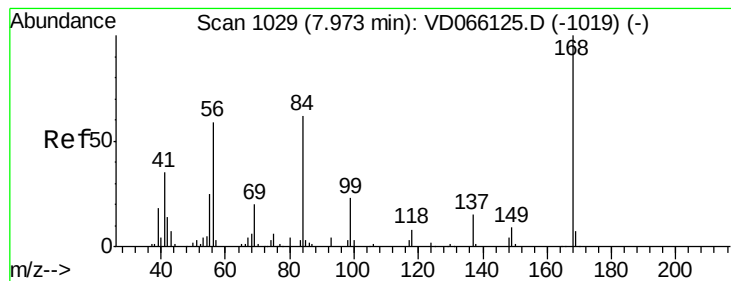
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSV0A_D\DATA\VD081720\
Data File : VD066254.D
Acq On : 17 Aug 2020 13:33
Operator : VA/SY
Sample : L3662-05RE
Misc : 7.55G/5.00ml/MSV0A_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSV0A_D
ClientSampleId :
RBR-59

Quant Time: Aug 17 14:50:47 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSV0A_D\METHOD\82D080520S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 05 13:49:25 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.01 min

Lab File: VD066254.D

Acq: 17 Aug 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

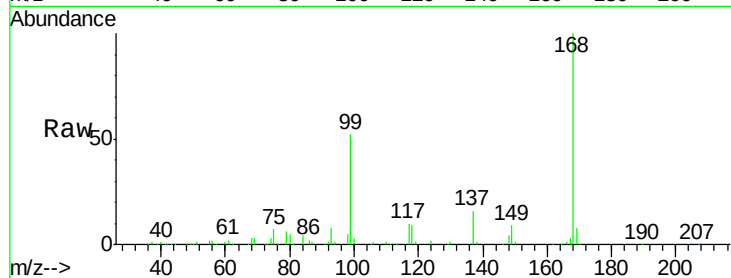
RBR-59

Tgt Ion:168 Resp: 320051

Ion Ratio Lower Upper

168 100

99 51.6 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.98

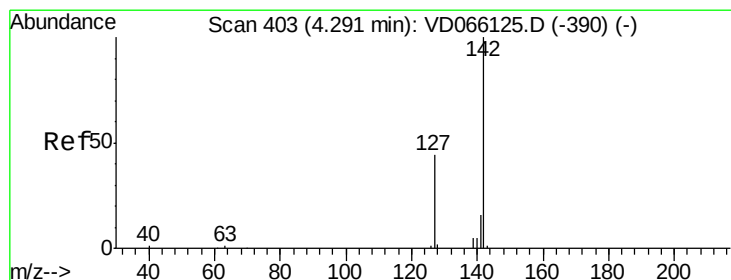
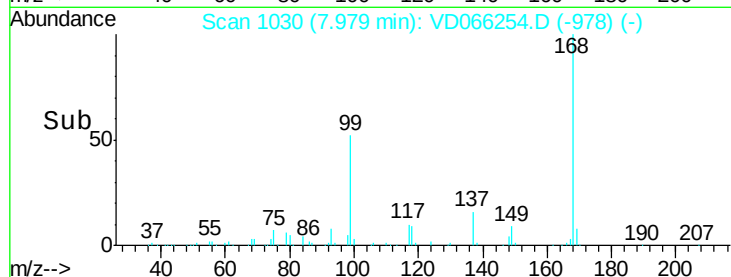
150000

100000

50000

0

Time--> 7.85 7.90 7.95 8.00 8.05



#10

Methyl Iodide

Concen: 7.072 ug/l

RT: 4.30 min Scan# 404

Delta R.T. 0.01 min

Lab File: VD066254.D

Acq: 17 Aug 2020 13:33

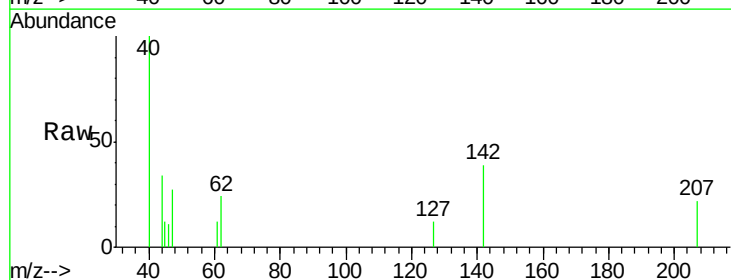
Tgt Ion:142 Resp: 1140

Ion Ratio Lower Upper

142 100

127 26.4 36.2 54.4#

141 5.4 12.6 18.8#



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

4.30

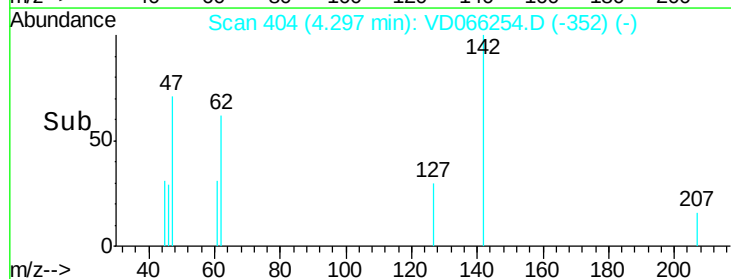
600

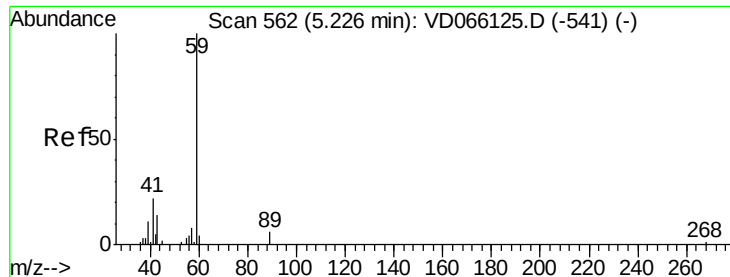
400

200

0

Time--> 4.25 4.30 4.35



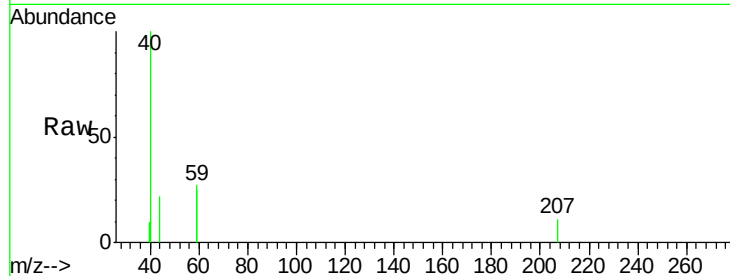


#11

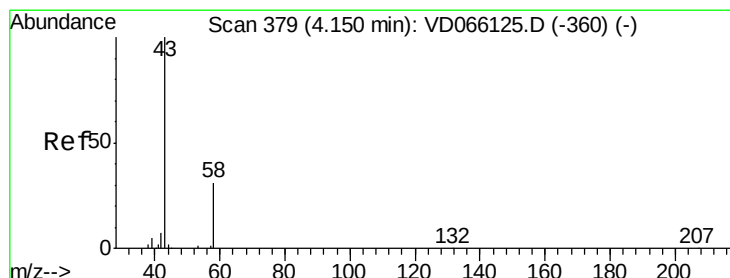
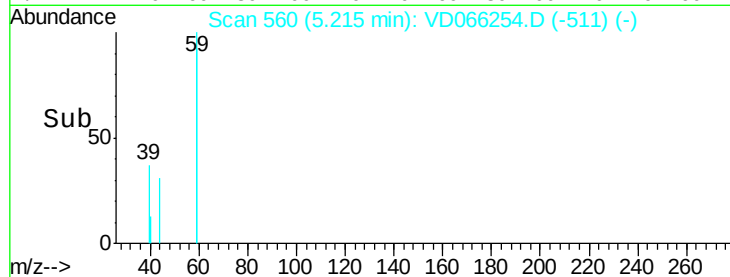
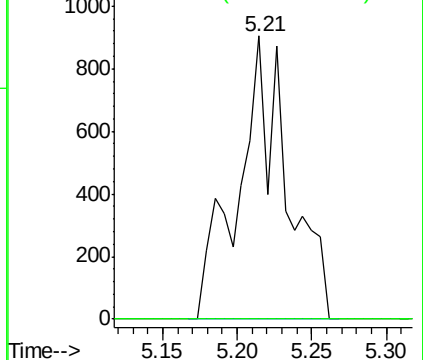
Tert butyl alcohol
Concen: Below Cal
RT: 5.21 min Scan# 560
Delta R.T. -0.01 min
Lab File: VD066254.D
Acq: 17 Aug 2020 13:33

Instrument :
MSVOA_D
ClientSampled :
RBR-59

Tgt Ion: 59 Resp: 2065
Ion Ratio Lower Upper
59 100
57 0.0 7.0 10.4#



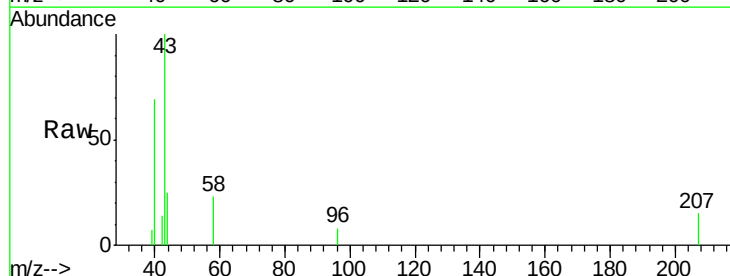
Abundance Ion 59.00 (58.70 to 59.70): VDC
Ion 57.00 (56.70 to 57.70): VDC



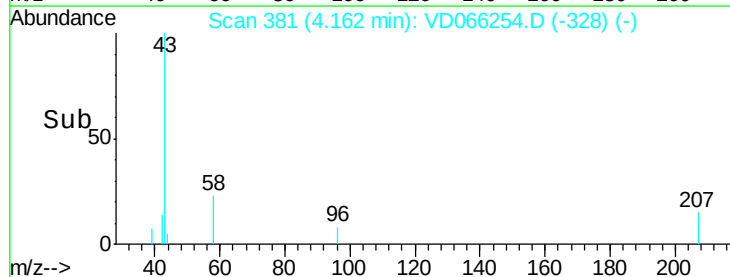
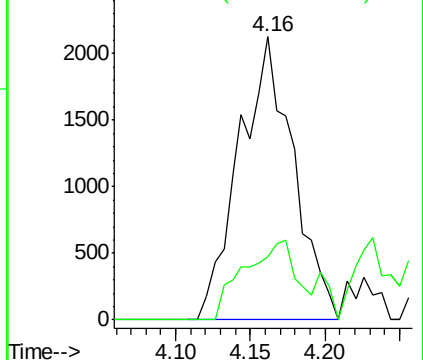
#16

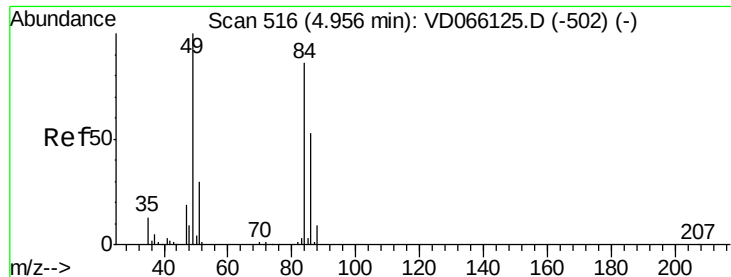
Acetone
Concen: 9.884 ug/l
RT: 4.16 min Scan# 381
Delta R.T. 0.01 min
Lab File: VD066254.D
Acq: 17 Aug 2020 13:33

Tgt Ion: 43 Resp: 5355
Ion Ratio Lower Upper
43 100
58 22.5 24.7 37.1#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 58.00 (57.70 to 58.70): VDC

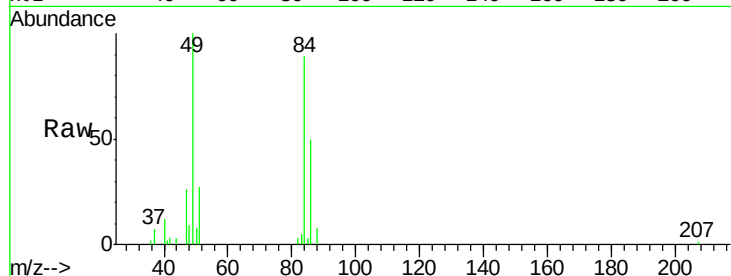




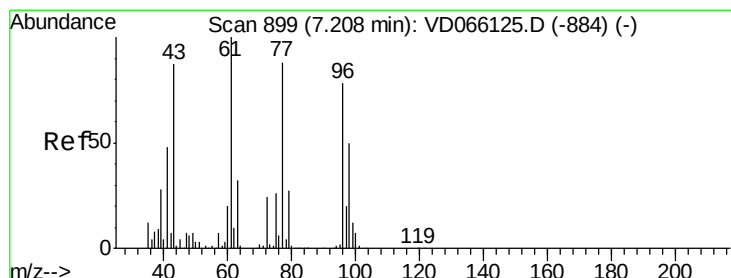
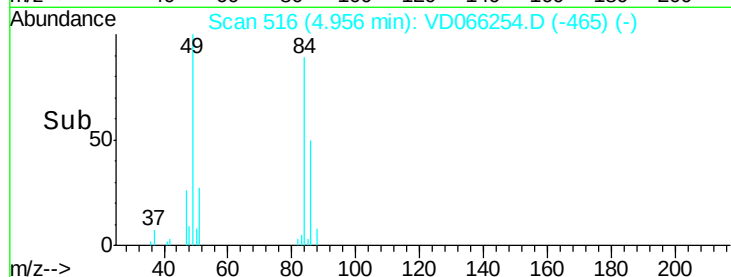
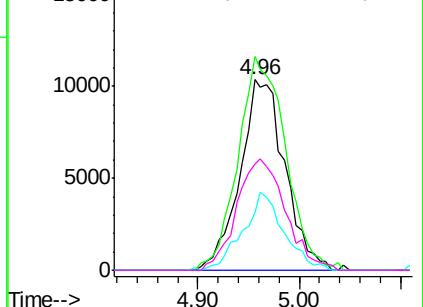
#20
Methylene Chloride
Concen: 6.122 ug/l
RT: 4.96 min Scan# 516
Delta R.T. 0.00 min
Lab File: VD066254.D
Acq: 17 Aug 2020 13:33

Instrument :
MSVOA_D
ClientSampleId :
RBR-59

Tgt Ion: 84 Resp: 31785
Ion Ratio Lower Upper
84 100
49 112.0 93.5 140.3
51 30.0 28.2 42.4
86 55.5 49.5 74.3

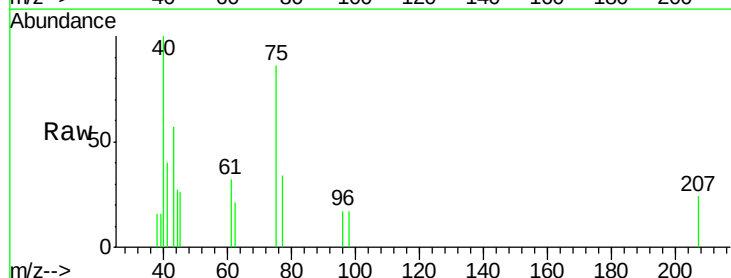


Abundance Ion 83.90 (83.60 to 84.60): VDC
Ion 48.90 (48.60 to 49.60): VDC
Ion 50.90 (50.60 to 51.60): VDC
Ion 85.90 (85.60 to 86.60): VDC

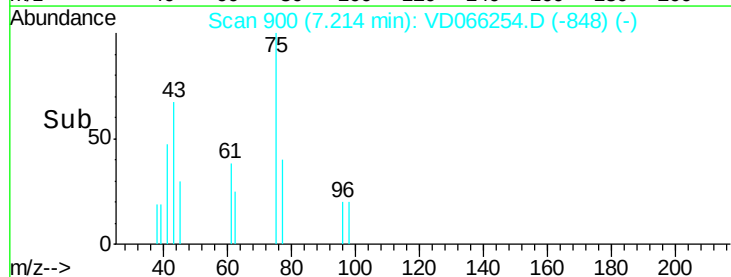
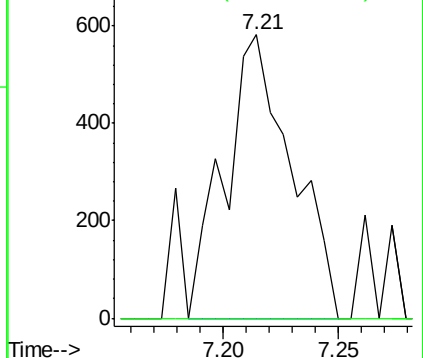


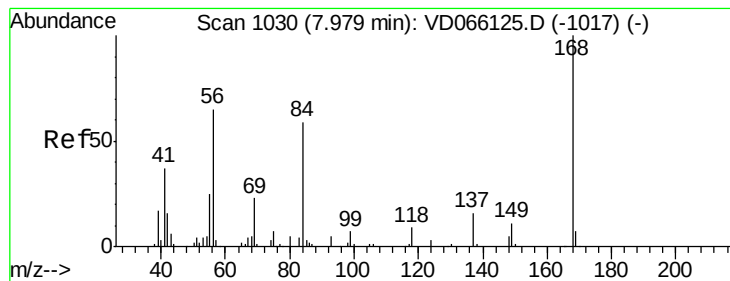
#25
2-Butanone
Concen: 1.483 ug/l
RT: 7.21 min Scan# 900
Delta R.T. 0.01 min
Lab File: VD066254.D
Acq: 17 Aug 2020 13:33

Tgt Ion: 43 Resp: 1182
Ion Ratio Lower Upper
43 100
72 0.0 22.2 33.2#



Abundance Ion 43.00 (42.70 to 43.70): VDC
Ion 72.00 (71.70 to 72.70): VDC





#31

Cyclohexane

Concen: 1.446 ug/l

RT: 7.98 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VD066254.D

Acq: 17 Aug 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

RBR-59

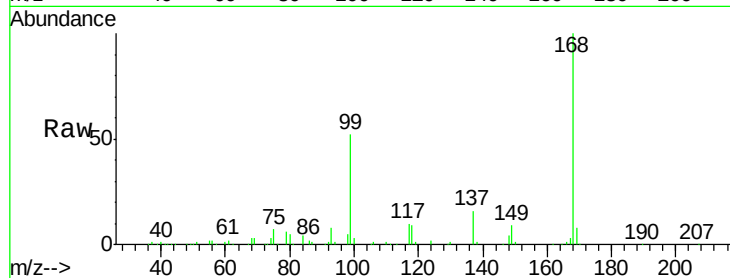
Tgt Ion: 56 Resp: 7231

Ion Ratio Lower Upper

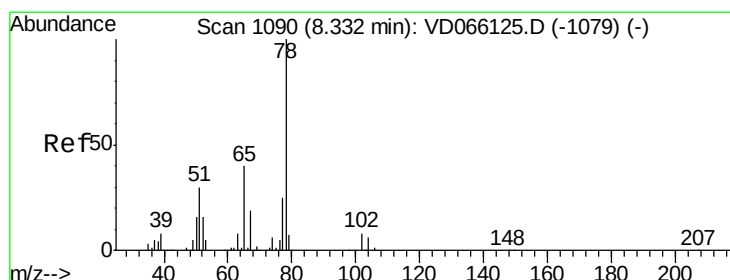
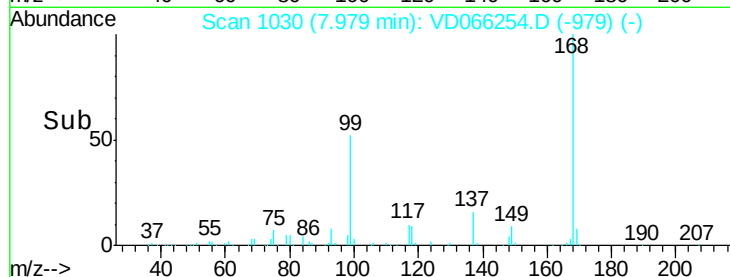
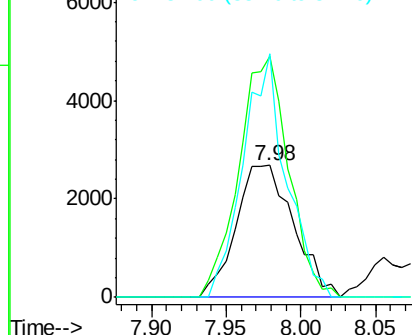
56 100

69 182.5 28.8 43.2#

84 184.3 73.0 109.6#



Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC



#33

1,2-Dichloroethane-d4

Concen: 42.761 ug/l

RT: 8.33 min Scan# 1089

Delta R.T. -0.01 min

Lab File: VD066254.D

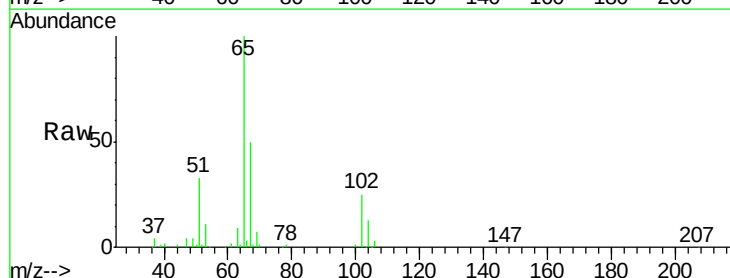
Acq: 17 Aug 2020 13:33

Tgt Ion: 65 Resp: 122096

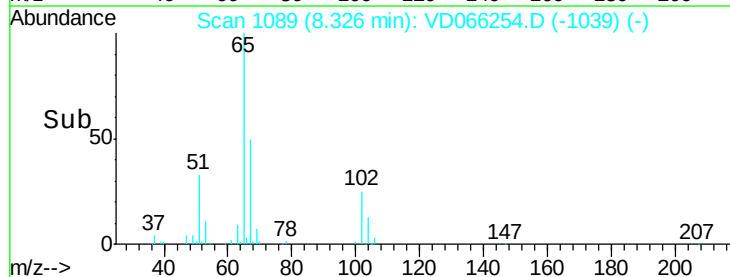
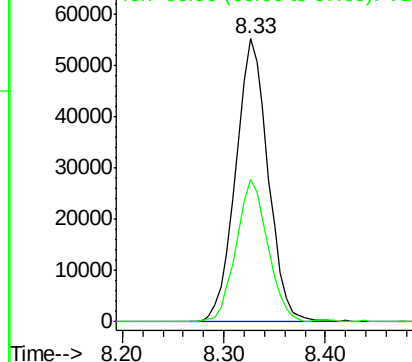
Ion Ratio Lower Upper

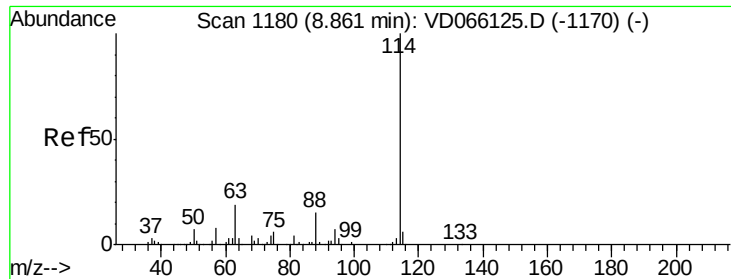
65 100

67 49.2 0.0 104.6



Abundance Ion 64.90 (64.60 to 65.60): VDC
Ion 66.90 (66.60 to 67.60): VDC





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.86 min Scan# 1180

Delta R.T. 0.00 min

Lab File: VD066254.D

Acq: 17 Aug 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

RBR-59

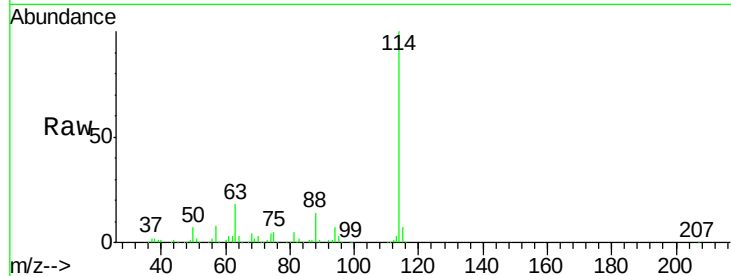
Tgt Ion:114 Resp: 488885

Ion Ratio Lower Upper

114 100

63 18.3 0.0 38.6

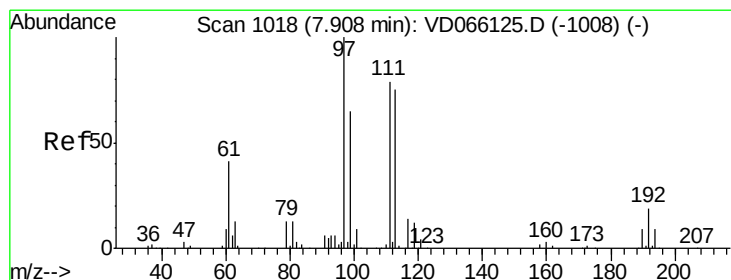
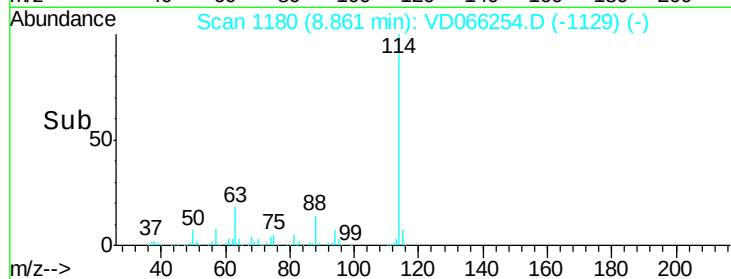
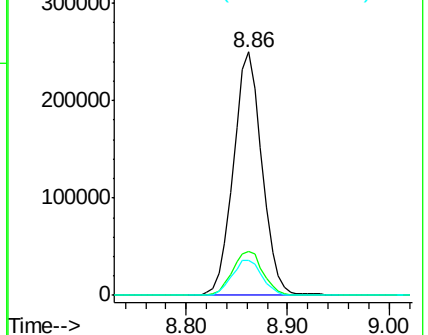
88 14.5 0.0 30.0



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): V

Ion 87.90 (87.60 to 88.60): V



#35

Dibromofluoromethane

Concen: 45.962 ug/l

RT: 7.91 min Scan# 1019

Delta R.T. 0.01 min

Lab File: VD066254.D

Acq: 17 Aug 2020 13:33

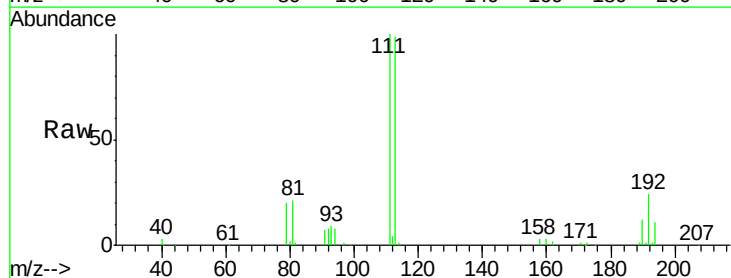
Tgt Ion:113 Resp: 142347

Ion Ratio Lower Upper

113 100

111 104.6 80.7 121.1

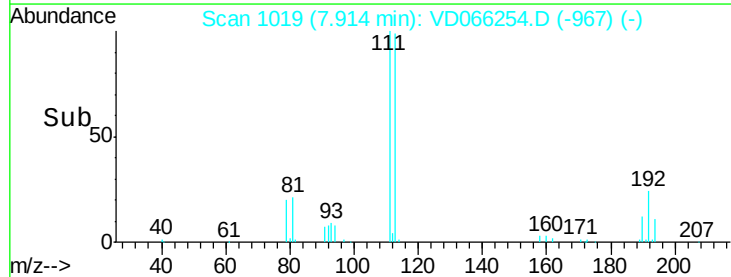
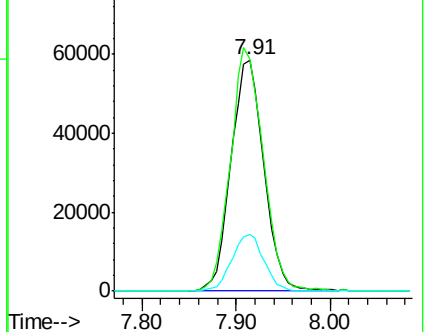
192 24.0 18.4 27.6

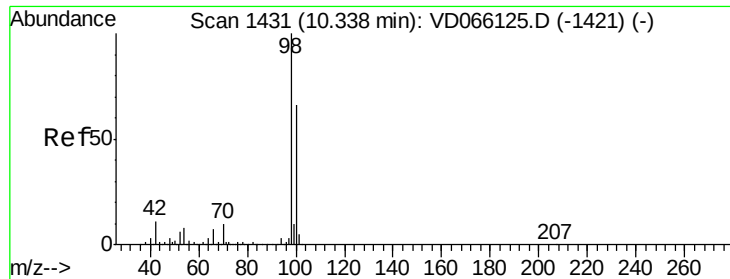


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

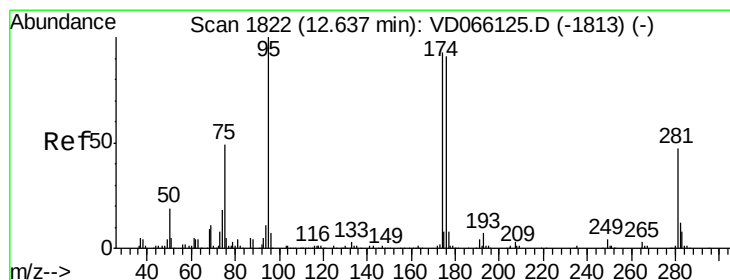
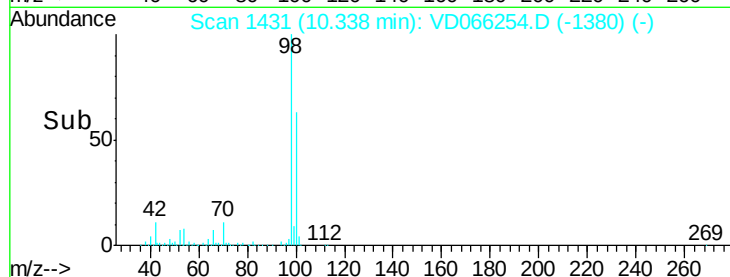
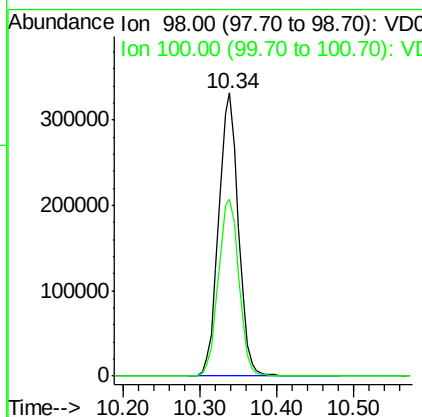
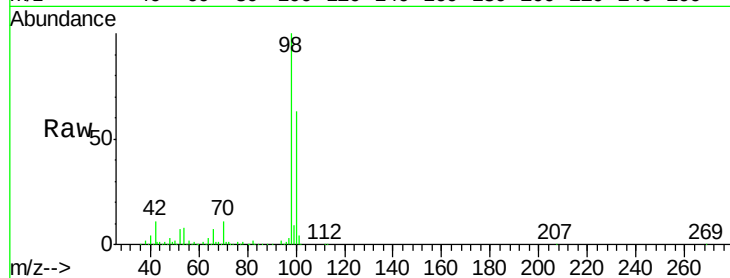




#50
Toluene-d8
Concen: 51.338 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066254.D
Acq: 17 Aug 2020 13:33

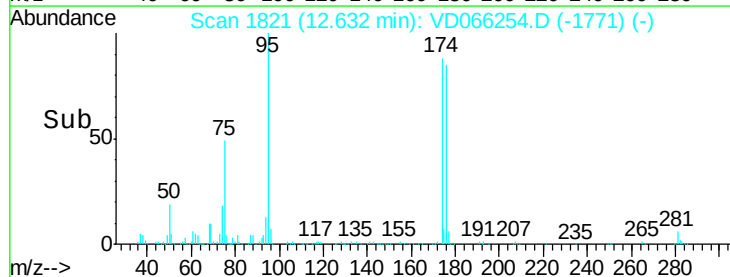
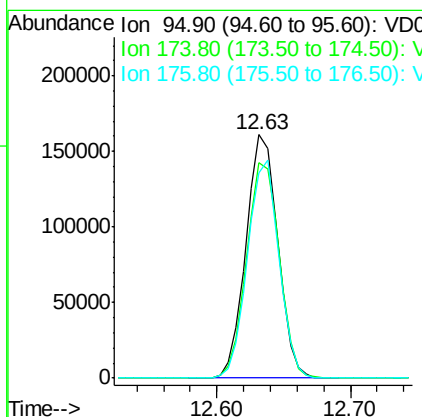
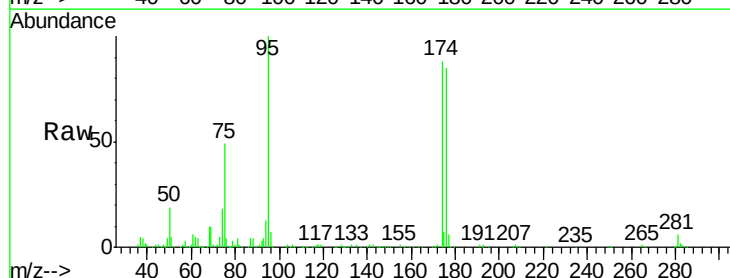
Instrument :
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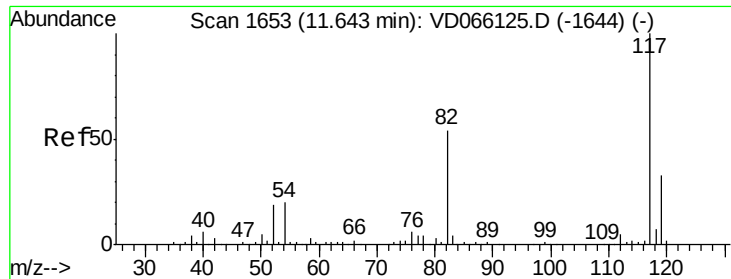
Tgt Ion: 98 Resp: 586734
Ion Ratio Lower Upper
98 100
100 65.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 64.334 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066254.D
Acq: 17 Aug 2020 13:33

Tgt Ion: 95 Resp: 265032
Ion Ratio Lower Upper
95 100
174 91.0 0.0 180.8
176 88.1 0.0 181.2

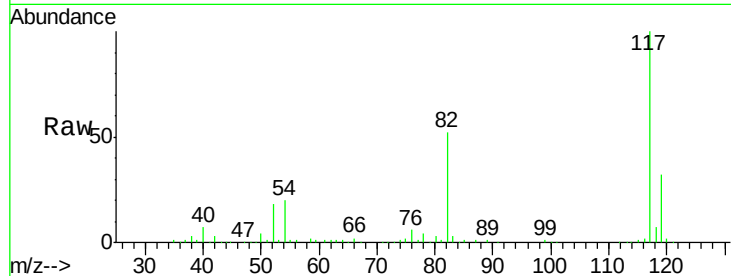




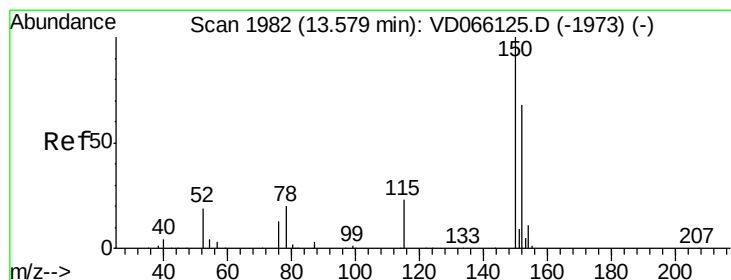
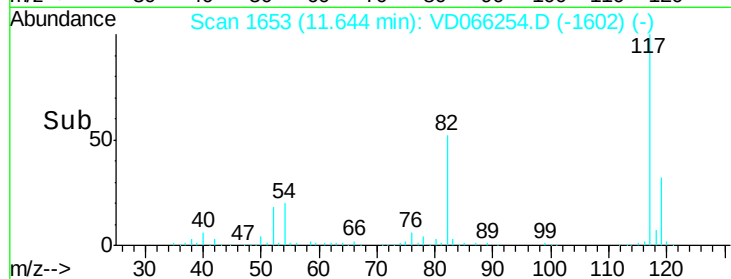
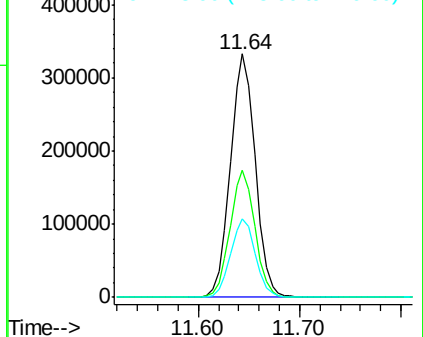
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066254.D
Acq: 17 Aug 2020 13:33

Instrument :
MSVOA_D
ClientSampleId :
RBR-59

Tgt Ion:117 Resp: 564646
Ion Ratio Lower Upper
117 100
82 52.0 43.0 64.4
119 32.2 26.1 39.1

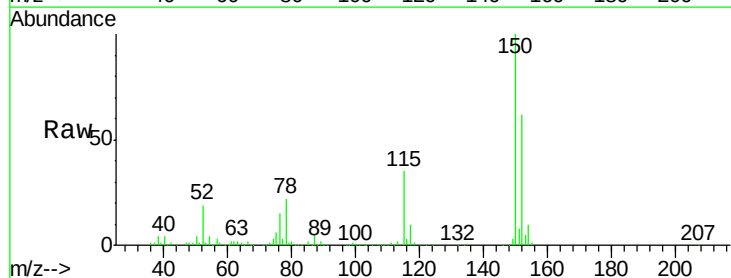


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

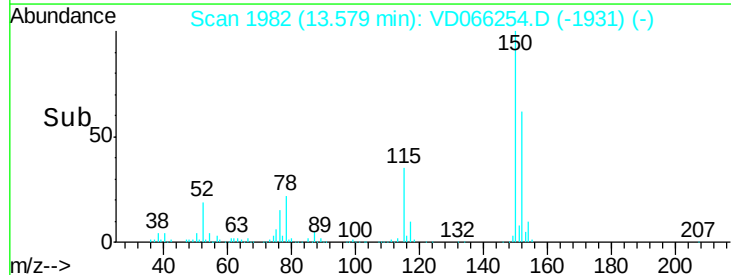
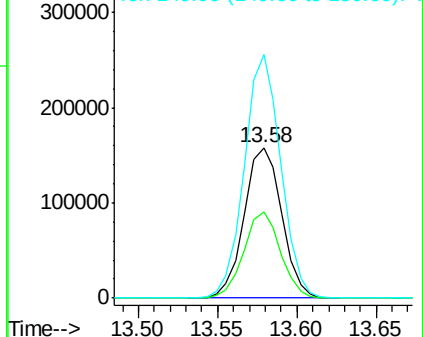


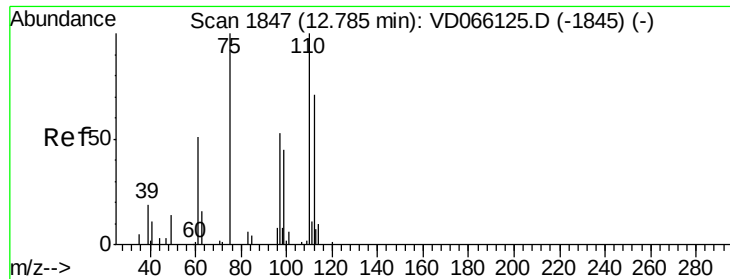
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD066254.D
Acq: 17 Aug 2020 13:33

Tgt Ion:152 Resp: 260499
Ion Ratio Lower Upper
152 100
115 55.7 28.0 83.9
150 156.8 0.0 346.4



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





#76

1,2,3-Trichloropropane

Concen: 61.225 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066254.D

Acq: 17 Aug 2020 13:33

Instrument :

MSVOA_D

ClientSampleId :

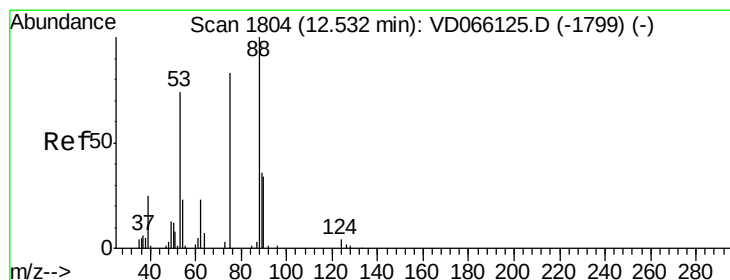
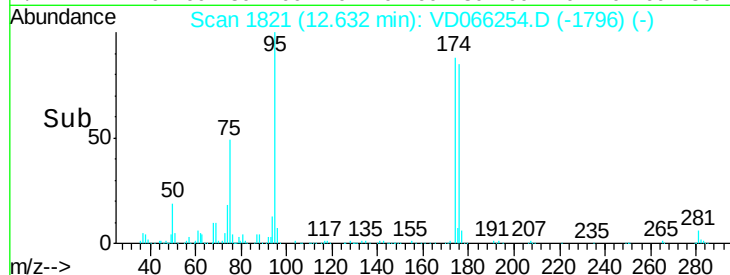
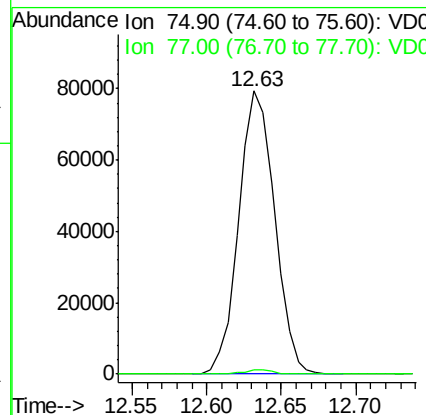
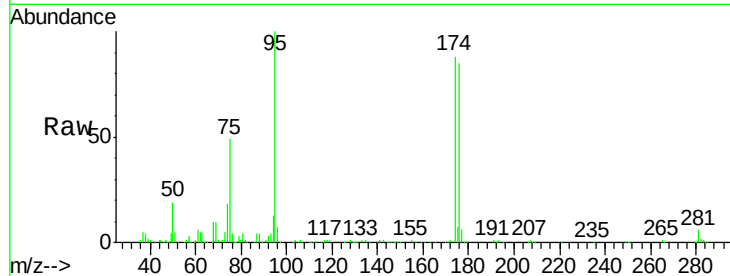
RBR-59

Tgt Ion: 75 Resp: 133003

Ion Ratio Lower Upper

75 100

77 1.3 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 135.341 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

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Tgt Ion: 75 Resp: 133003

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.2#

89 0.1 36.6 55.0#

