

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD061920\
 Data File : VD065835.D
 Acq On : 19 Jun 2020 18:14
 Operator : VA/SY
 Sample : L3024-19RE
 Misc : 6.54G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-17RE

Quant Time: Jun 20 01:27:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_D\METHOD\82D060520S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 05 13:07:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.98	168	125938	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.87	114	231440	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.65	117	202191	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	76920	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.33	65	83110	66.79	ug/l	0.00
Spiked Amount 50.000			Recovery	=	133.58%	
35) Dibromofluoromethane	7.91	113	79502	54.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.76%	
50) Toluene-d8	10.34	98	280100	51.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.76%	
62) 4-Bromofluorobenzene	12.64	95	76684	41.48	ug/l	0.00
Spiked Amount 50.000			Recovery	=	82.96%	

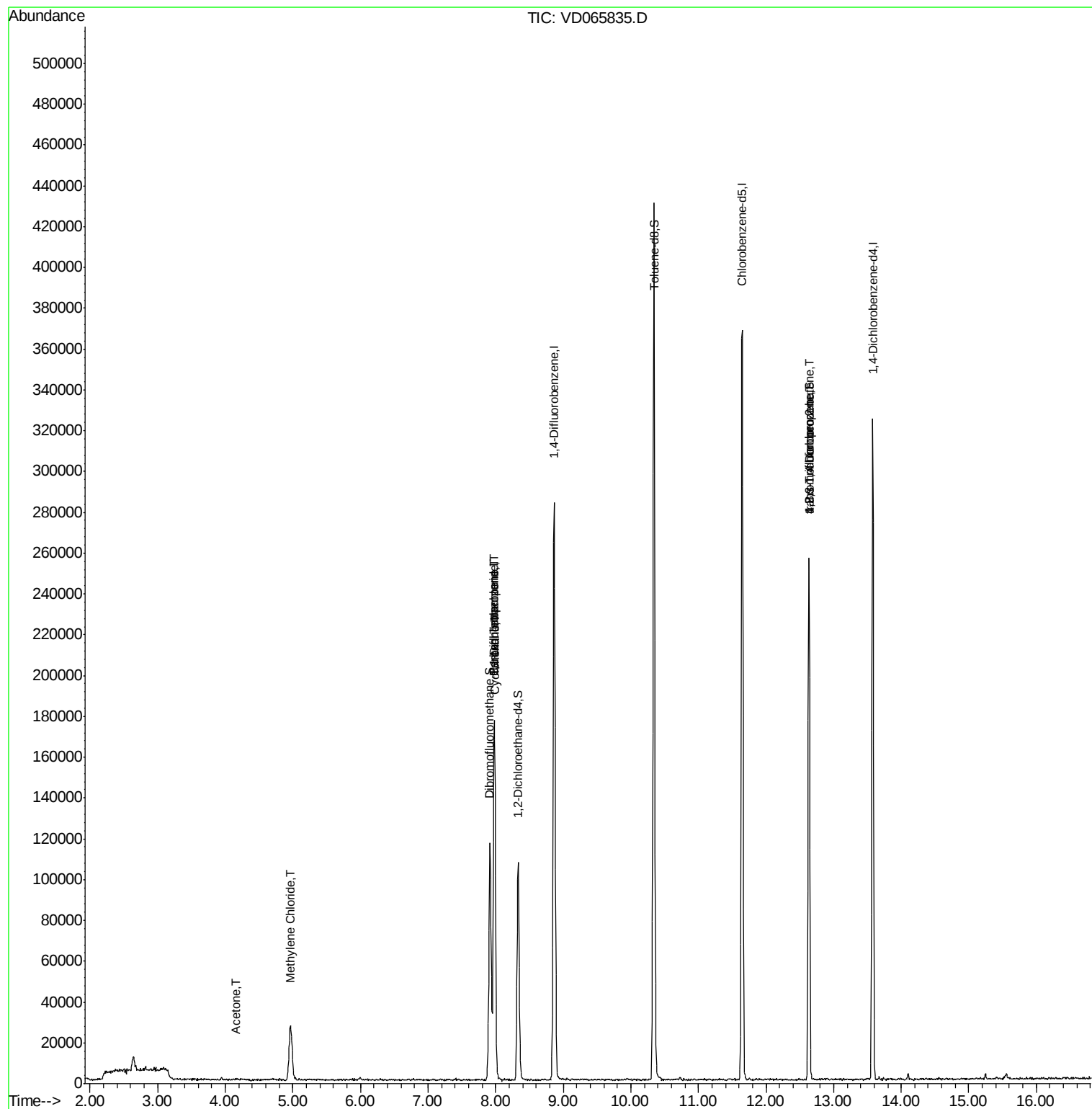
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.20	50	70	Below Cal	#	43
11) Tert butyl alcohol	5.09	59	60	Below Cal	#	74
16) Acetone	4.16	43	1160	4.942	ug/l #	47
18) Methyl Acetate	4.67	43	84	Below Cal	#	52
20) Methylene Chloride	4.97	84	19688	12.452	ug/l	93
31) Cyclohexane	7.99	56	3839	1.720	ug/l #	46
36) 1,1-Dichloropropene	7.98	75	11549	5.209	ug/l #	47
38) Carbon Tetrachloride	7.98	117	13137	5.630	ug/l #	18
76) 1,2,3-Trichloropropane	12.63	75	44561	74.490	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	44561	160.944	ug/l #	9

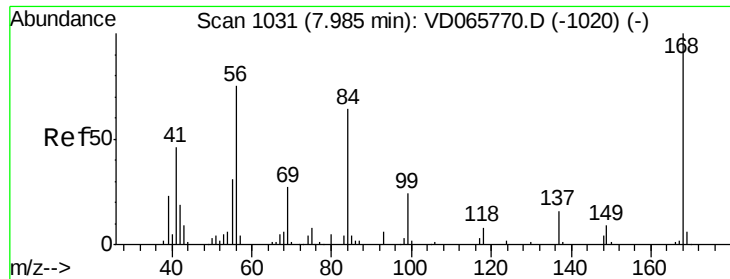
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD061920\
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QLast Update : Fri Jun 05 13:07:30 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: VD065835.D

Acq: 19 Jun 2020 18:14

Instrument :

MSVOA_D

ClientSampleId :

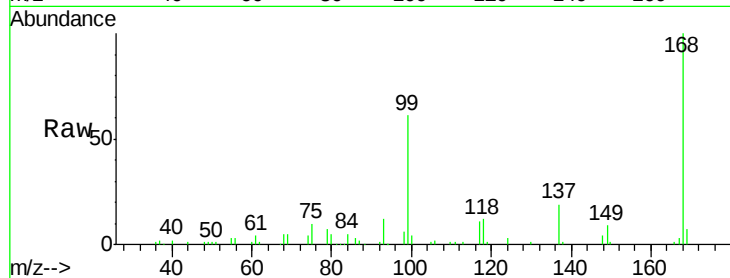
RO-17RE

Tgt Ion:168 Resp: 125938

Ion Ratio Lower Upper

168 100

99 61.1 45.3 67.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VDC

7.98

60000

50000

40000

30000

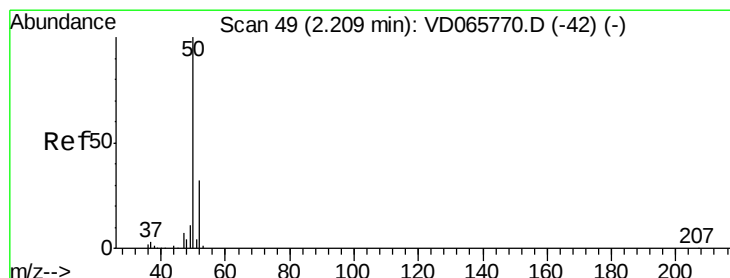
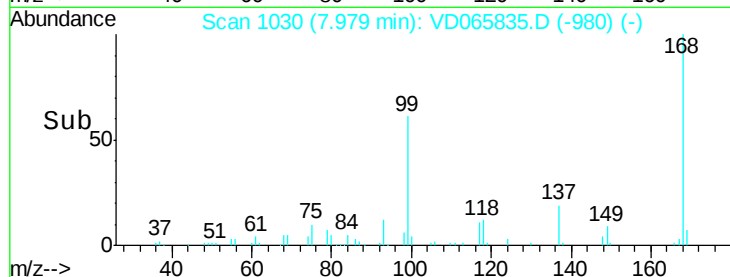
20000

10000

0

Time-->

7.90 8.00 8.10



#3

Chloromethane

Concen: Below Cal

RT: 2.20 min Scan# 48

Delta R.T. -0.01 min

Lab File: VD065835.D

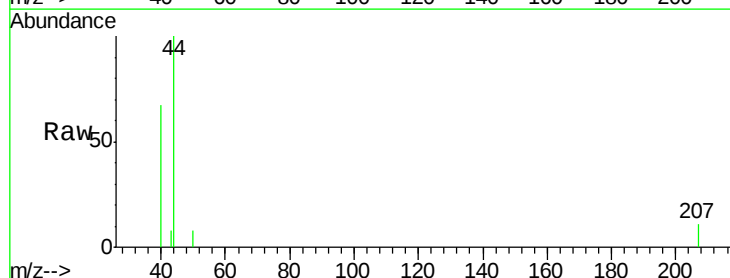
Acq: 19 Jun 2020 18:14

Tgt Ion: 50 Resp: 70

Ion Ratio Lower Upper

50 100

52 0.0 25.6 38.4#



Abundance Ion 49.90 (49.60 to 50.60): VDC

Ion 51.90 (51.60 to 52.60): VDC

2.20

200

150

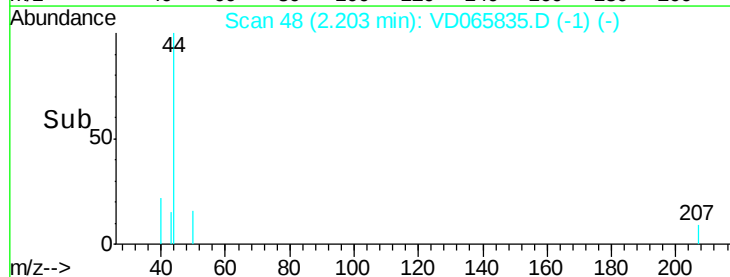
100

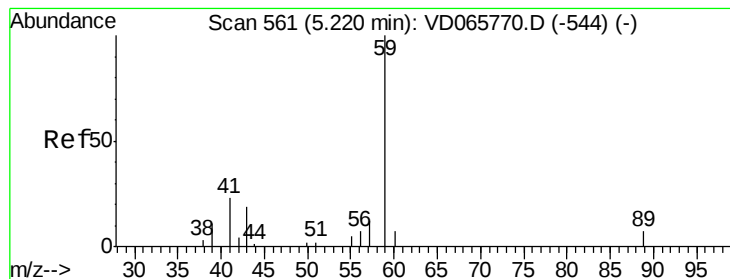
50

0

Time-->

2.18 2.19 2.20 2.21 2.22



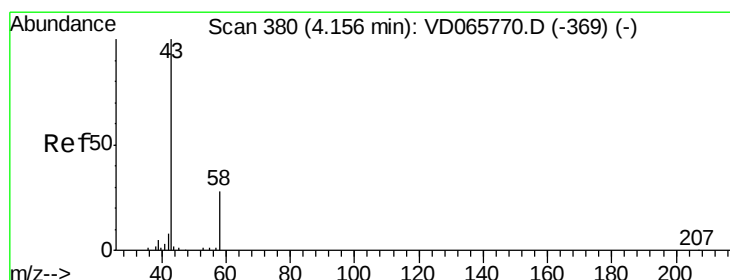
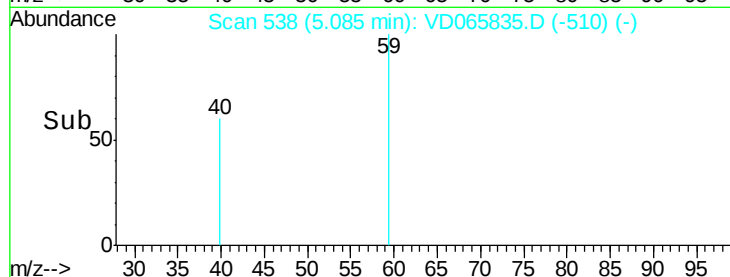
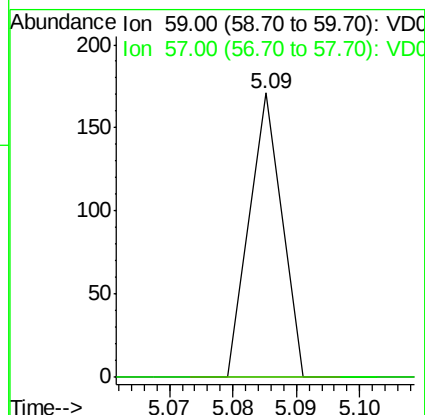
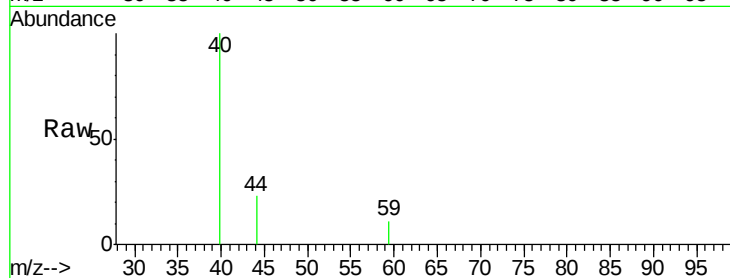


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.09 min Scan# 538
Delta R.T. -0.13 min
Lab File: VD065835.D
Acq: 19 Jun 2020 18:14

Instrument :
MSVOA_D
ClientSampleId :
RO-17RE

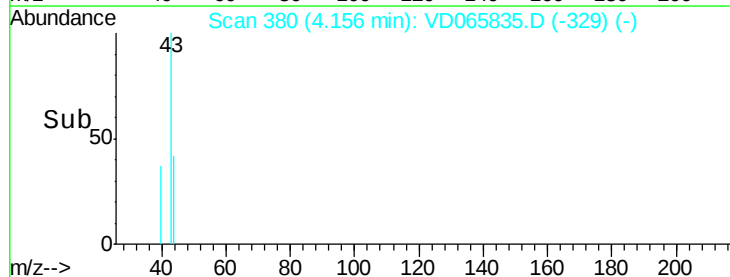
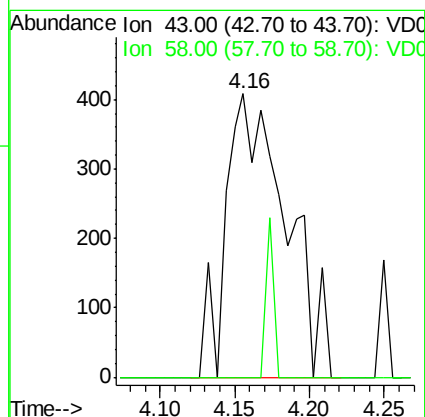
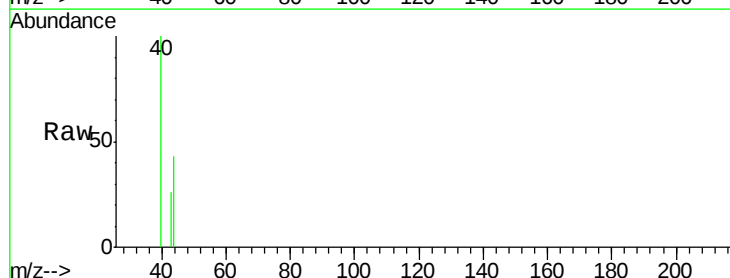
Tgt Ion: 59 Resp: 60
Ion Ratio Lower Upper
59 100
57 0.0 7.5 11.3#

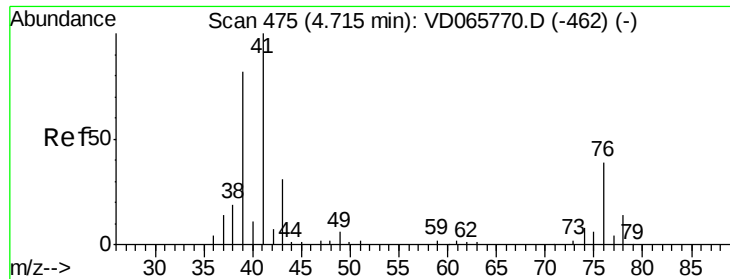


#16

Acetone
Concen: 4.942 ug/l
RT: 4.16 min Scan# 380
Delta R.T. 0.00 min
Lab File: VD065835.D
Acq: 19 Jun 2020 18:14

Tgt Ion: 43 Resp: 1160
Ion Ratio Lower Upper
43 100
58 0.0 22.3 33.5#

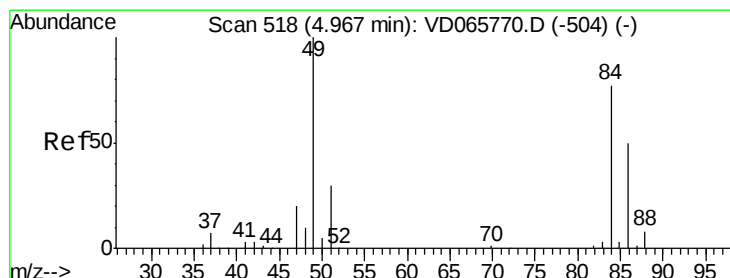
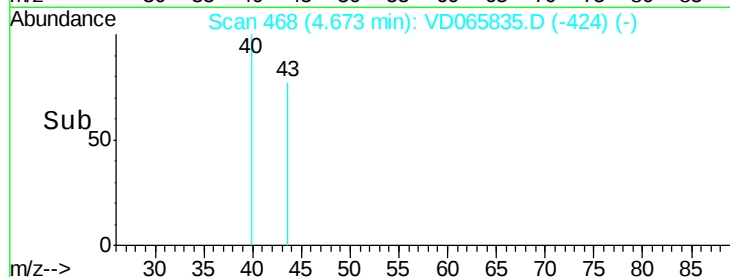
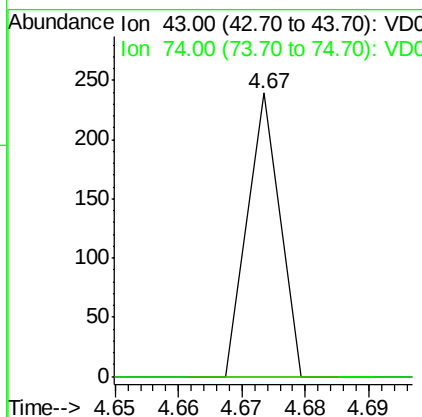
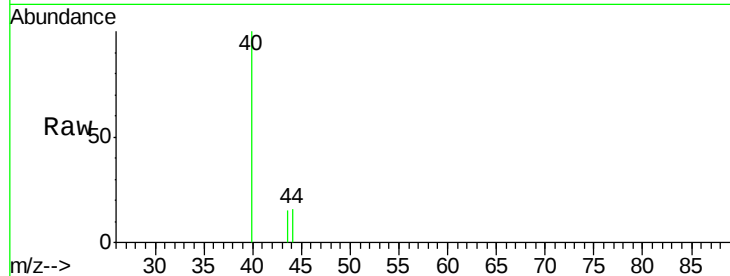




#18
Methyl Acetate
Concen: Below Cal
RT: 4.67 min Scan# 468
Delta R.T. -0.04 min
Lab File: VD065835.D
Acq: 19 Jun 2020 18:14

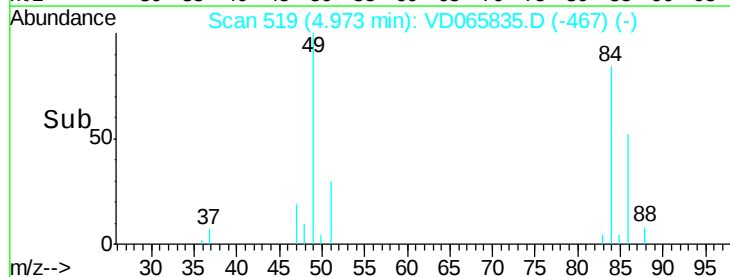
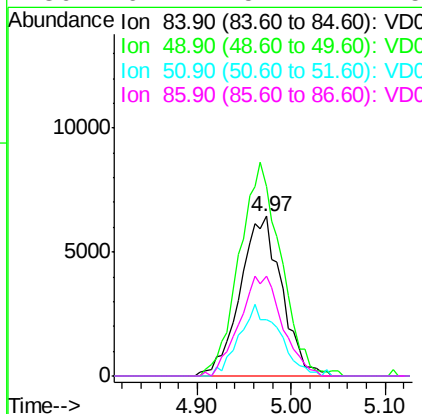
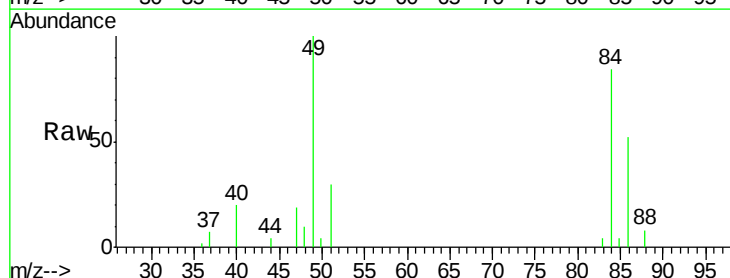
Instrument :
MSVOA_D
ClientSampleId :
RO-17RE

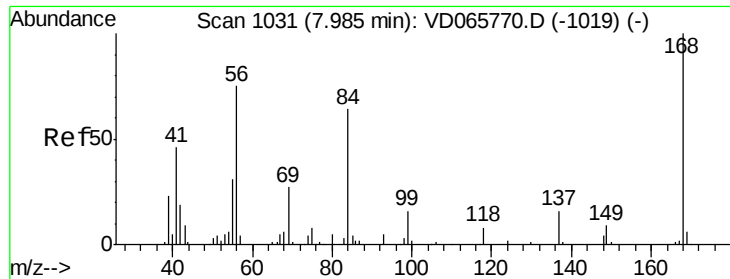
Tgt Ion: 43 Resp: 84
Ion Ratio Lower Upper
43 100
74 0.0 18.7 28.1#



#20
Methylene Chloride
Concen: 12.452 ug/l
RT: 4.97 min Scan# 519
Delta R.T. 0.01 min
Lab File: VD065835.D
Acq: 19 Jun 2020 18:14

Tgt Ion: 84 Resp: 19688
Ion Ratio Lower Upper
84 100
49 118.9 103.4 155.0
51 35.6 31.4 47.2
86 62.4 51.7 77.5

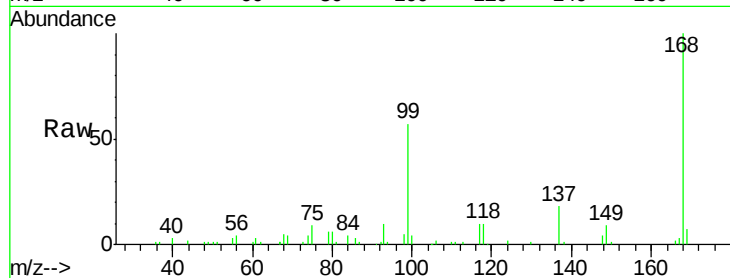




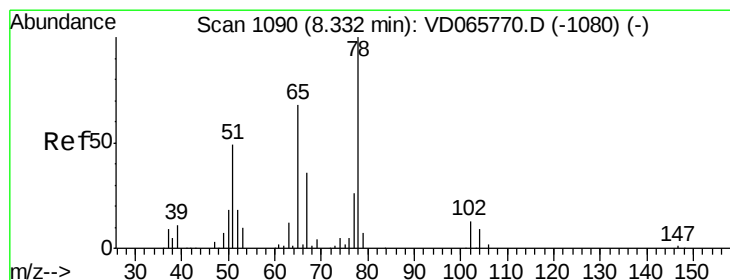
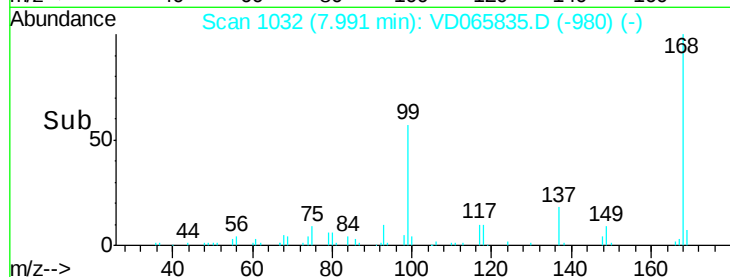
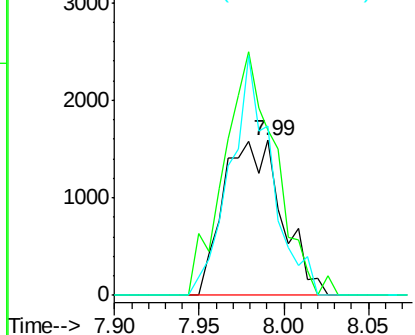
#31
Cyclohexane
Concen: 1.720 ug/l
RT: 7.99 min Scan# 1032
Delta R.T. 0.01 min
Lab File: VD065835.D
Acq: 19 Jun 2020 18:14

Instrument :
MSVOA_D
ClientSampleId :
RO-17RE

Tgt Ion: 56 Resp: 3839
Ion Ratio Lower Upper
56 100
69 107.3 28.5 42.7#
84 109.1 68.4 102.6#

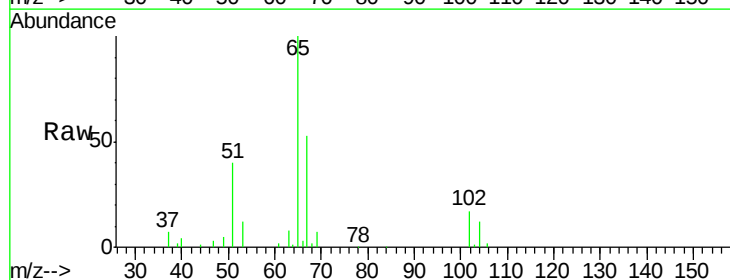


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

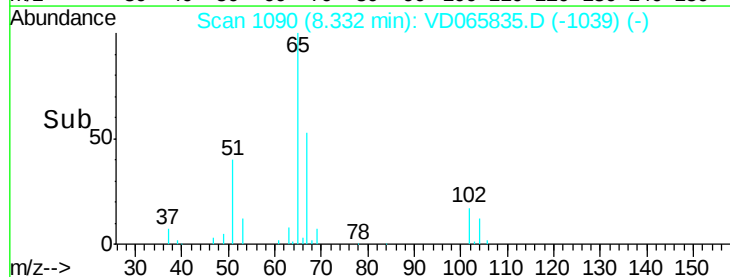
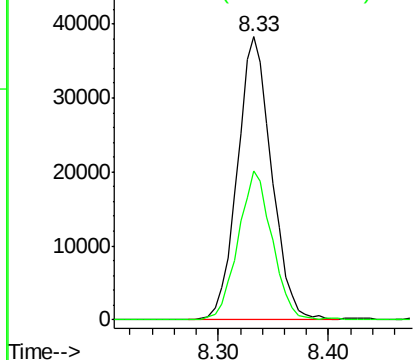


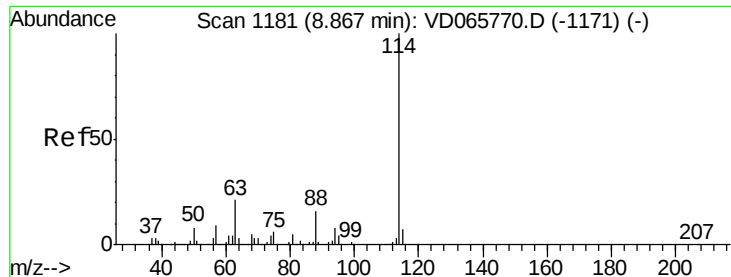
#33
1,2-Dichloroethane-d4
Concen: 66.785 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD065835.D
Acq: 19 Jun 2020 18:14

Tgt Ion: 65 Resp: 83110
Ion Ratio Lower Upper
65 100
67 52.1 0.0 103.6



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

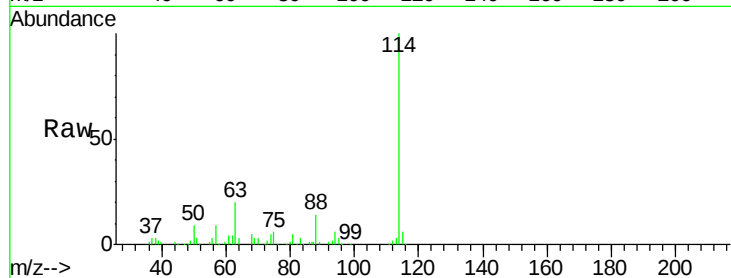




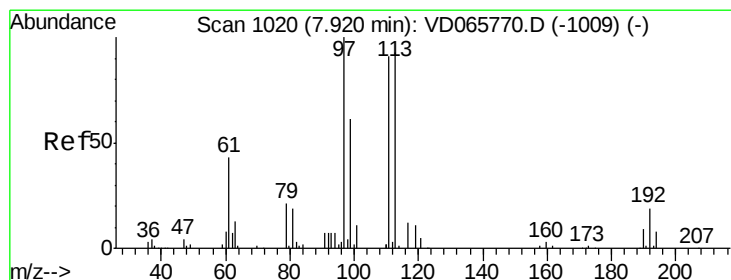
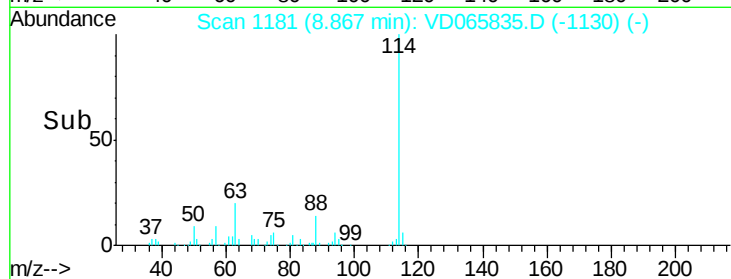
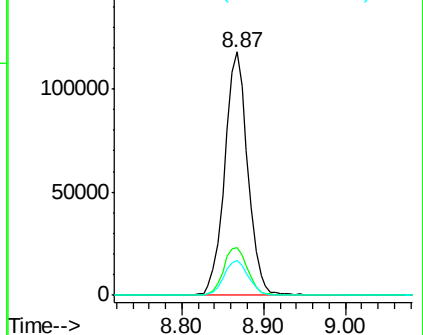
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.87 min Scan# 1181
 Delta R.T. 0.00 min
 Lab File: VD065835.D
 Acq: 19 Jun 2020 18:14

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-17RE

Tgt Ion:114 Resp: 231440
 Ion Ratio Lower Upper
 114 100
 63 19.8 0.0 41.8
 88 14.4 0.0 32.0

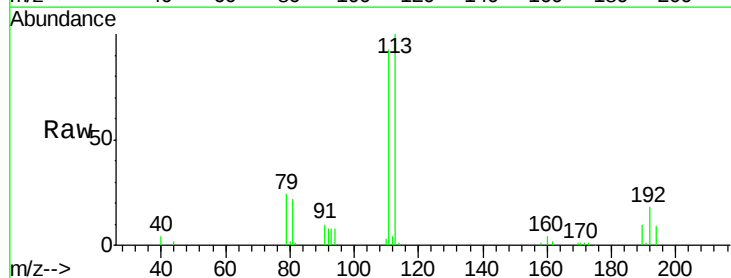


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

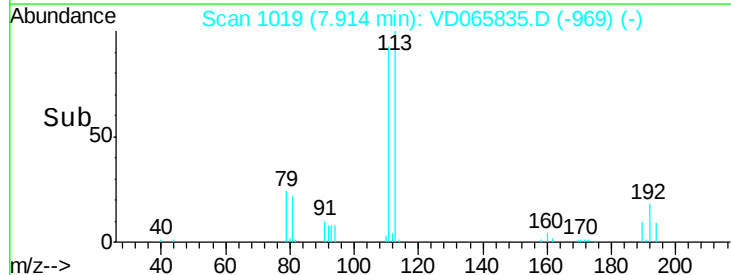
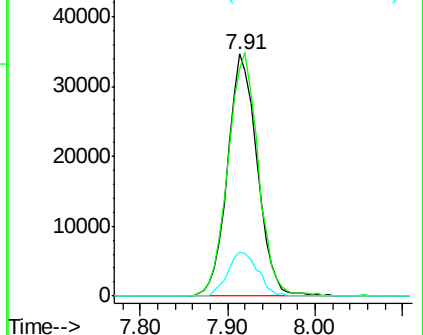


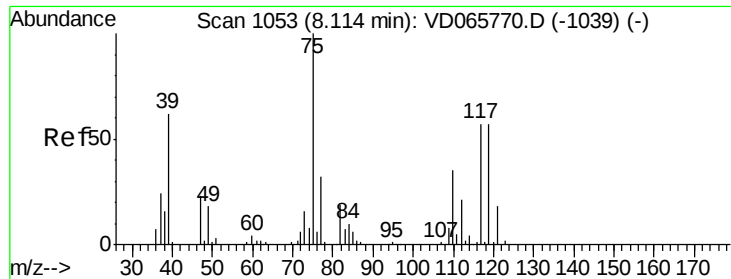
#35
 Dibromofluoromethane
 Concen: 54.382 ug/l
 RT: 7.91 min Scan# 1019
 Delta R.T. -0.01 min
 Lab File: VD065835.D
 Acq: 19 Jun 2020 18:14

Tgt Ion:113 Resp: 79502
 Ion Ratio Lower Upper
 113 100
 111 102.7 83.4 125.0
 192 18.4 15.7 23.5



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

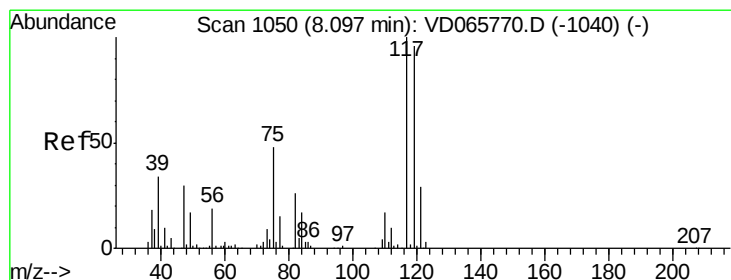
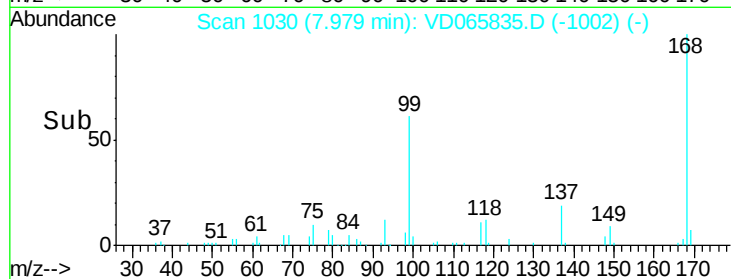
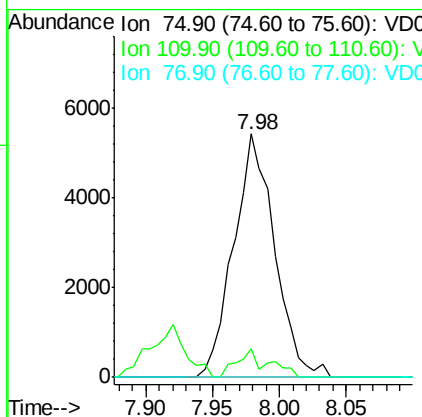
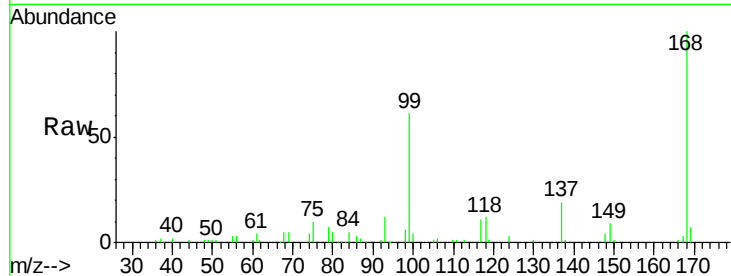




#36
 1,1-Dichloropropene
 Concen: 5.209 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.14 min
 Lab File: VD065835.D
 Acq: 19 Jun 2020 18:14

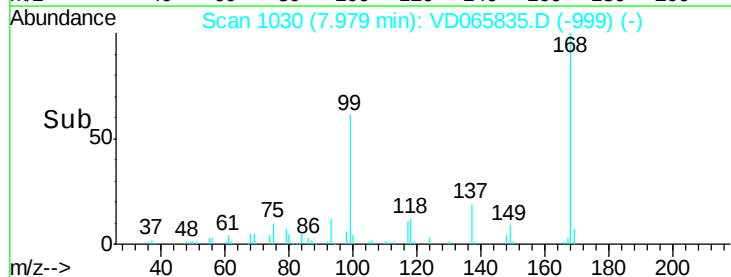
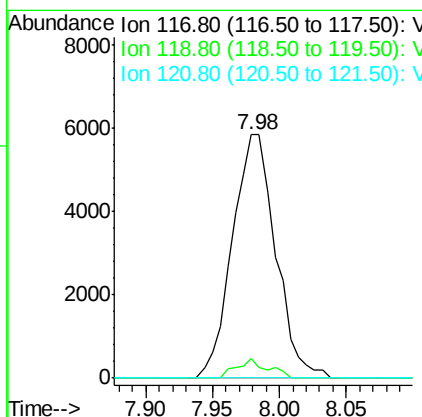
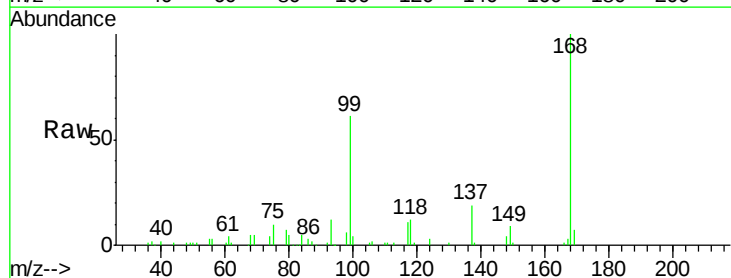
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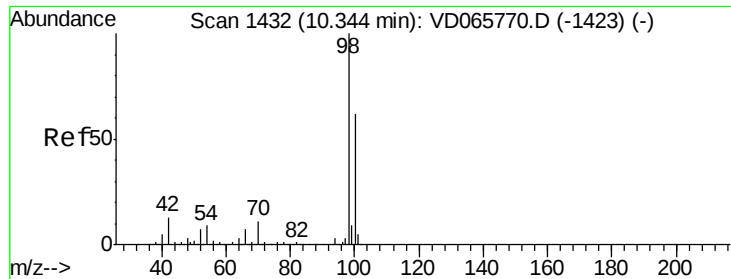
Tgt Ion: 75 Resp: 11549
 Ion Ratio Lower Upper
 75 100
 110 6.6 17.6 52.8#
 77 0.0 25.1 37.7#



#38
 Carbon Tetrachloride
 Concen: 5.630 ug/l
 RT: 7.98 min Scan# 1030
 Delta R.T. -0.12 min
 Lab File: VD065835.D
 Acq: 19 Jun 2020 18:14

Tgt Ion: 117 Resp: 13137
 Ion Ratio Lower Upper
 117 100
 119 8.2 76.8 115.2#
 121 0.0 23.4 35.2#

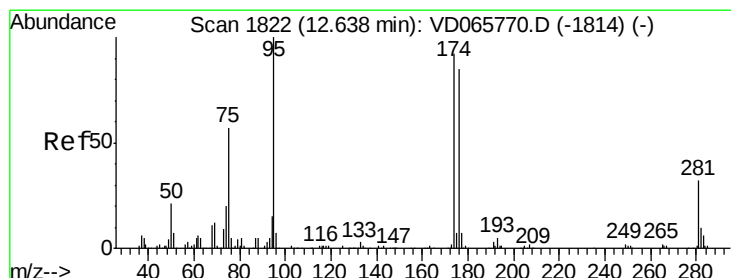
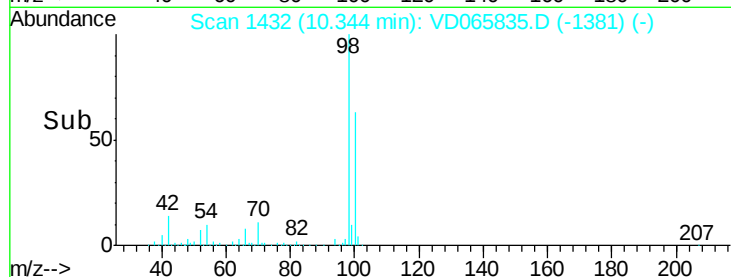
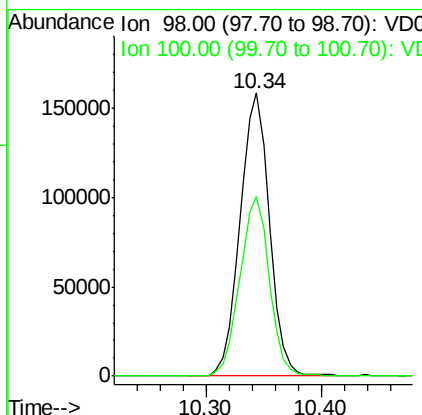
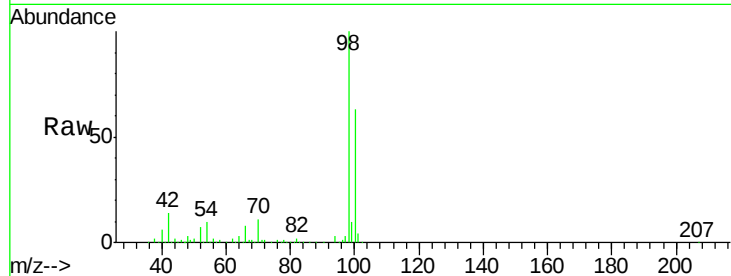




#50
Toluene-d8
Concen: 51.382 ug/l
RT: 10.34 min Scan# 1432
Delta R.T. 0.00 min
Lab File: VD065835.D
Acq: 19 Jun 2020 18:14

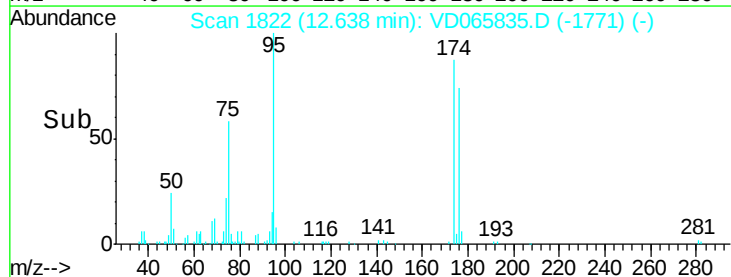
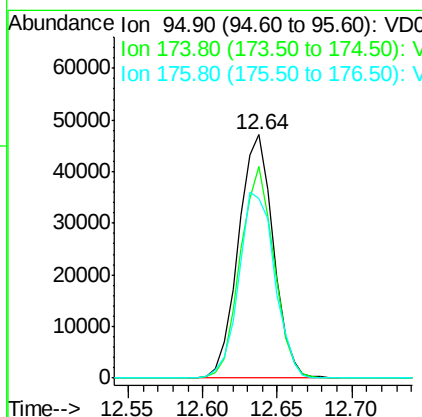
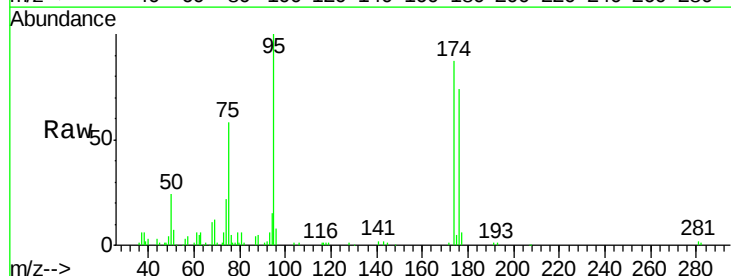
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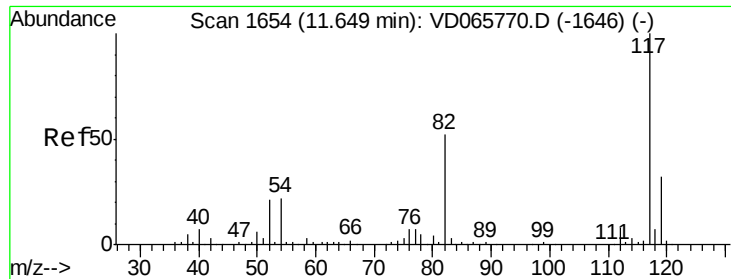
Tgt Ion: 98 Resp: 280100
Ion Ratio Lower Upper
98 100
100 63.7 51.4 77.2



#62
4-Bromofluorobenzene
Concen: 41.479 ug/l
RT: 12.64 min Scan# 1822
Delta R.T. 0.00 min
Lab File: VD065835.D
Acq: 19 Jun 2020 18:14

Tgt Ion: 95 Resp: 76684
Ion Ratio Lower Upper
95 100
174 83.3 0.0 175.2
176 77.9 0.0 163.0

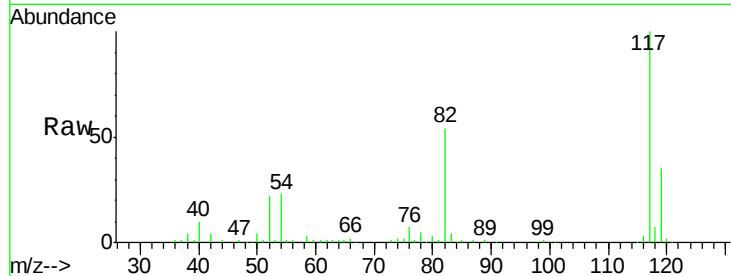




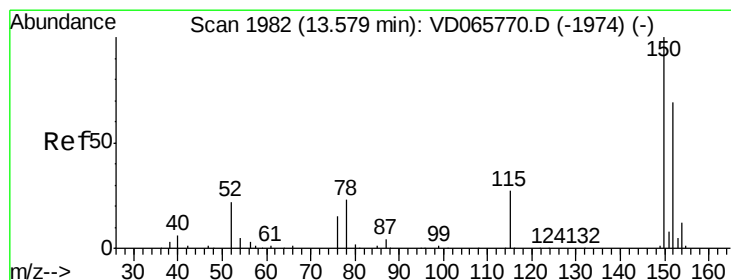
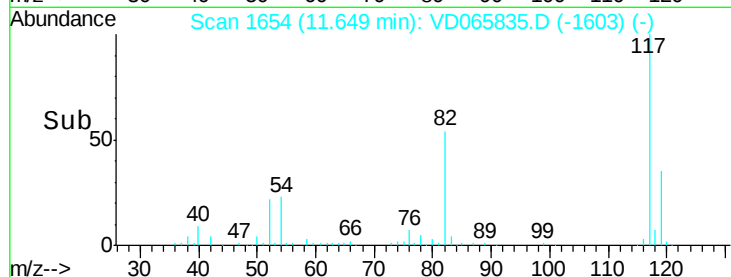
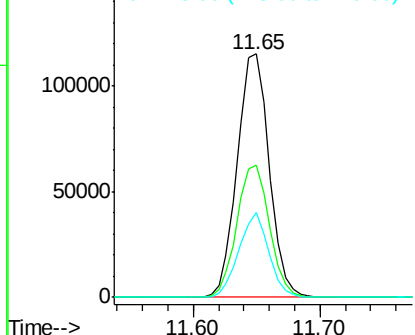
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.65 min Scan# 1654
Delta R.T. 0.00 min
Lab File: VD065835.D
Acq: 19 Jun 2020 18:14

Instrument :
MSVOA_D
ClientSampleId :
RO-17RE

Tgt Ion:117 Resp: 202191
Ion Ratio Lower Upper
117 100
82 54.2 41.9 62.9
119 34.6 25.3 37.9

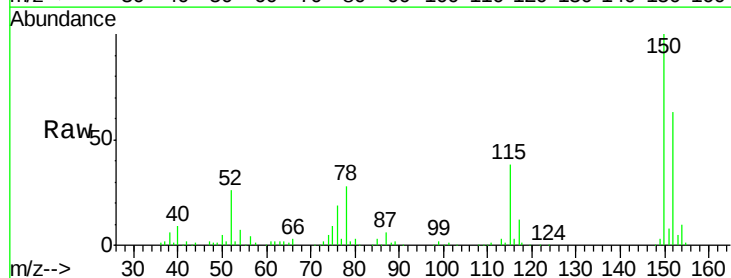


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

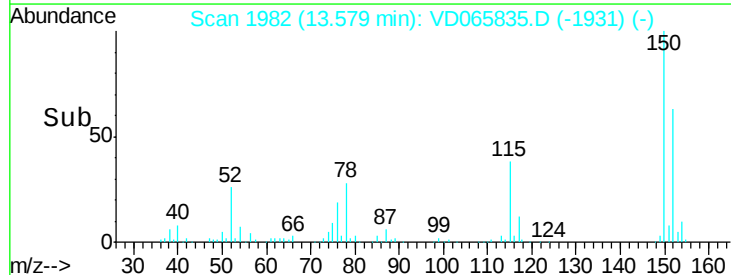
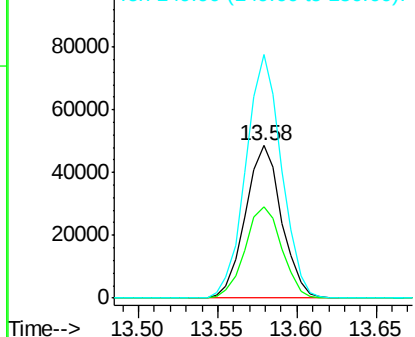


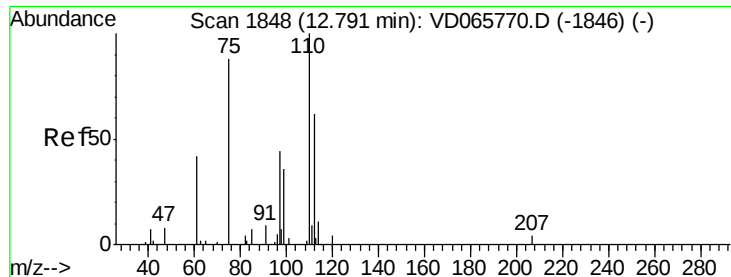
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.58 min Scan# 1982
Delta R.T. 0.00 min
Lab File: VD065835.D
Acq: 19 Jun 2020 18:14

Tgt Ion:152 Resp: 76920
Ion Ratio Lower Upper
152 100
115 60.8 28.7 86.1
150 157.9 0.0 348.0



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: 74.490 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.16 min

Lab File: VD065835.D

Acq: 19 Jun 2020 18:14

Instrument :

MSVOA_D

ClientSampleId :

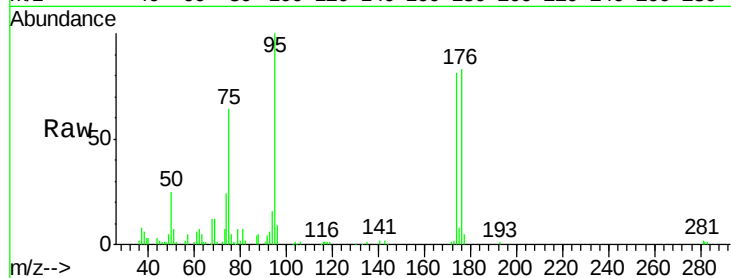
RO-17RE

Tgt Ion: 75 Resp: 44561

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC

12.63

30000

25000

20000

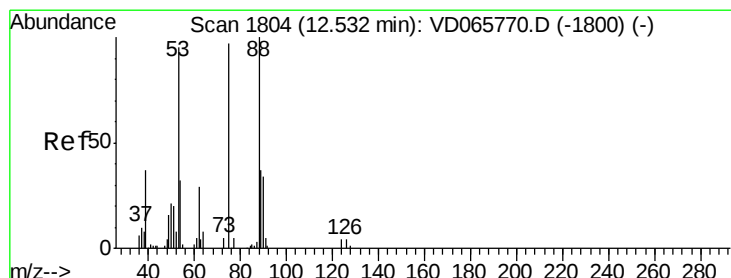
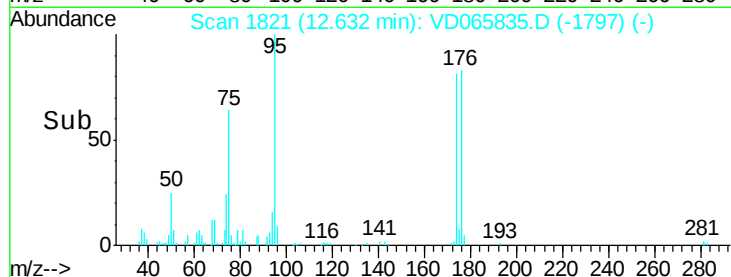
15000

10000

5000

0

Time--> 12.55 12.60 12.65 12.70



#81

trans-1,4-Dichloro-2-butene

Concen: 160.944 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD065835.D

Acq: 19 Jun 2020 18:14

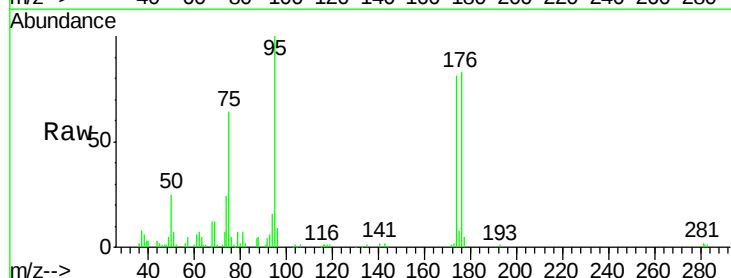
Tgt Ion: 75 Resp: 44561

Ion Ratio Lower Upper

75 100

53 0.0 82.6 123.8#

89 0.0 35.9 53.9#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 53.00 (52.70 to 53.70): VDC

Ion 88.90 (88.60 to 89.60): VDC

12.63

30000

20000

10000

0

Time--> 12.55 12.60 12.65 12.70

