

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_D\DATA\VD081820\
 Data File : VD066276.D
 Acq On : 18 Aug 2020 14:26
 Operator : VA/SY
 Sample : L3659-01RE
 Misc : 6.64G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Quant Time: Aug 18 14:55:02 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

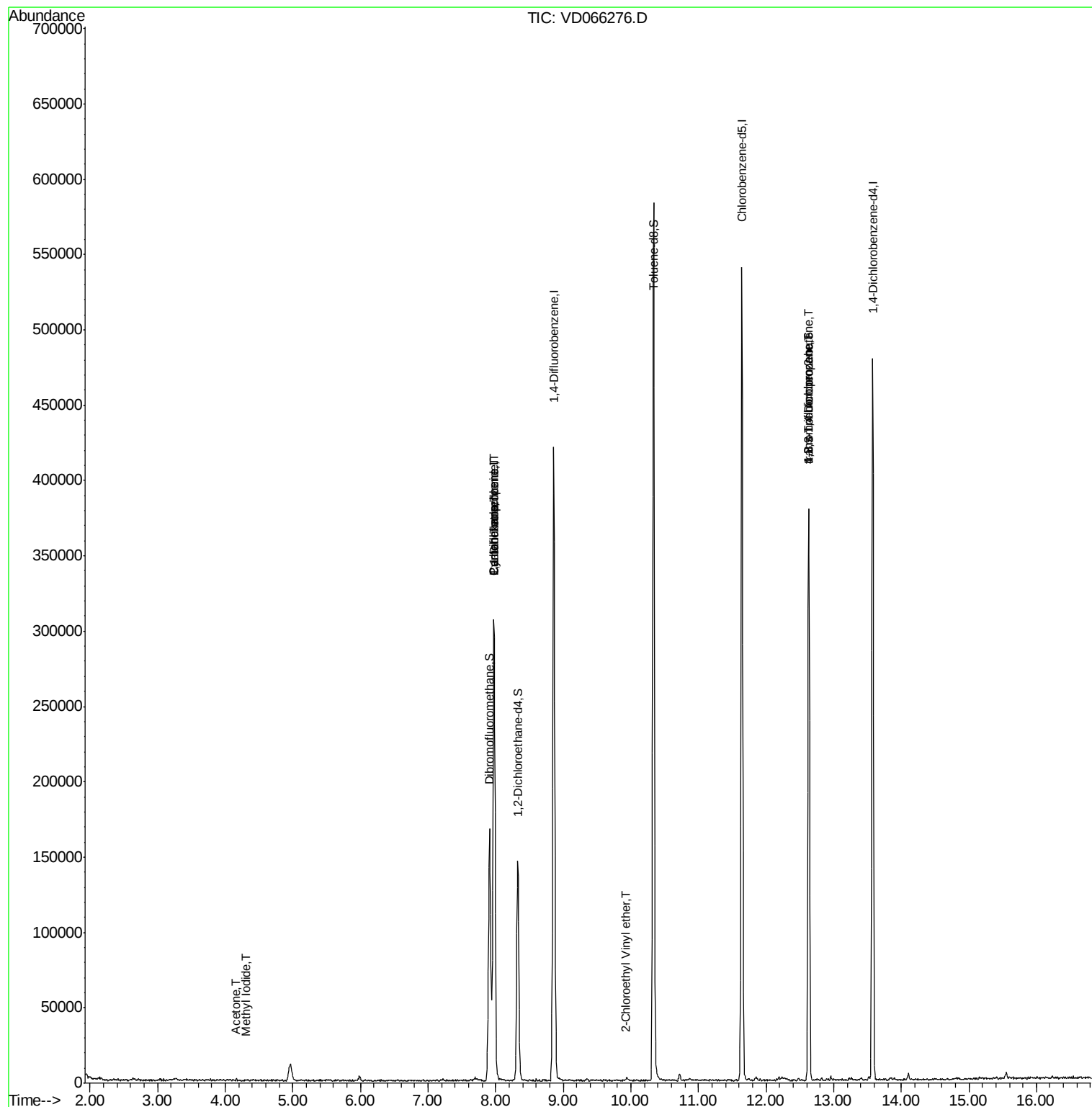
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.97	168	234464	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.86	114	357735	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	312002	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	133711	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.33	65	117068	55.97	ug/l	0.00
Spiked Amount 50.000			Recovery	=	111.94%	
35) Dibromofluoromethane	7.91	113	115672	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.08%	
50) Toluene-d8	10.34	98	384301	45.95	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.90%	
62) 4-Bromofluorobenzene	12.63	95	117847	39.09	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.18%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.30	142	114	6.760	ug/l #	39
16) Acetone	4.16	43	1179	2.971	ug/l #	66
20) Methylene Chloride	4.97	84	8363	Below Cal		92
31) Cyclohexane	7.98	56	4762	1.299	ug/l #	34
36) 1,1-Dichloropropene	7.97	75	16414	4.883	ug/l #	49
38) Carbon Tetrachloride	7.97	117	22017	5.873	ug/l #	15
58) 2-Chloroethyl Vinyl ether	9.93	63	1005	1.028	ug/l #	54
76) 1,2,3-Trichloropropane	12.63	75	61611	55.254	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	61611	122.142	ug/l #	13

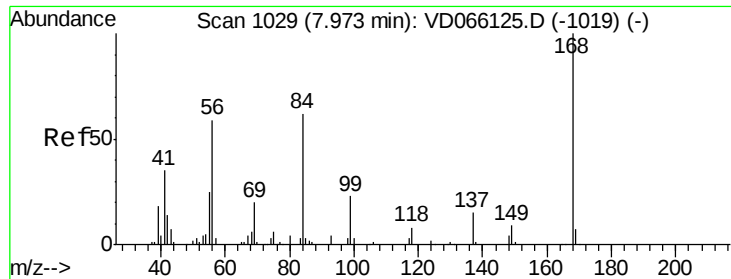
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_D\DATA\VD081820\
Data File : VD066276.D
Acq On : 18 Aug 2020 14:26
Operator : VA/SY
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Misc : 6.64G/5.00ml/MSVOA_D/SOIL
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MSVOA_D
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BFB

Quant Time: Aug 18 14:55:02 2020
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_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: 7.97 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VD066276.D

Acq: 18 Aug 2020 14:26

Instrument :

MSVOA_D

ClientSampleId :

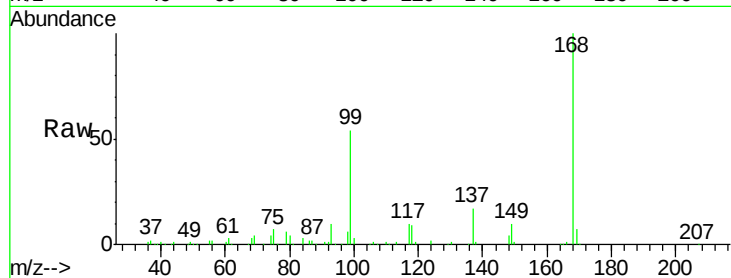
BFB

Tgt Ion:168 Resp: 234464

Ion Ratio Lower Upper

168 100

99 54.0 42.2 63.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): V

7.97

100000

80000

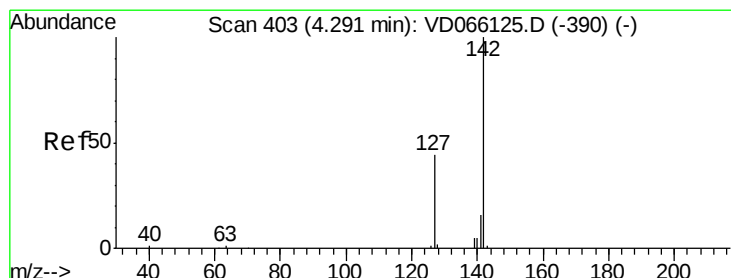
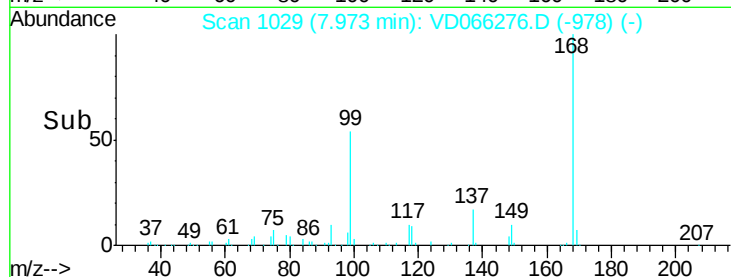
60000

40000

20000

0

Time-->



#10

Methyl Iodide

Concen: 6.760 ug/l

RT: 4.30 min Scan# 405

Delta R.T. 0.01 min

Lab File: VD066276.D

Acq: 18 Aug 2020 14:26

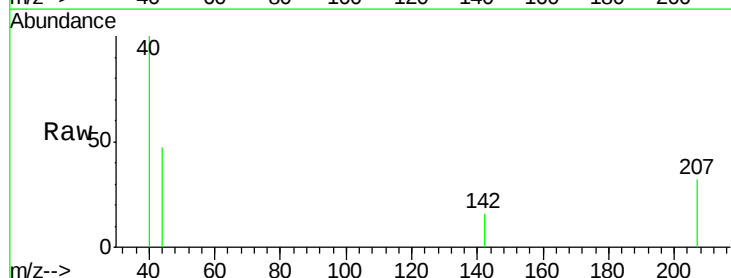
Tgt Ion:142 Resp: 114

Ion Ratio Lower Upper

142 100

127 0.0 36.2 54.4#

141 0.0 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

250

200

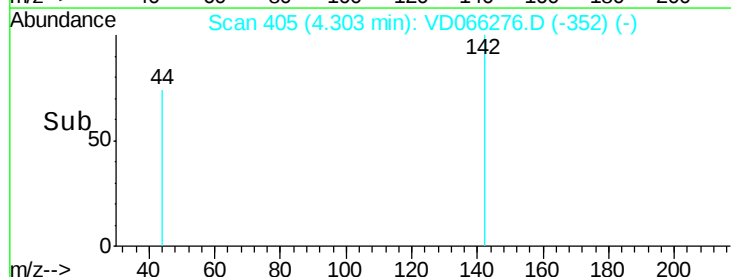
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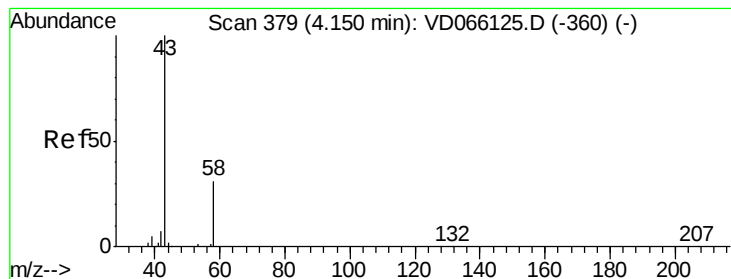
100

50

0

Time-->





#16

Acetone

Concen: 2.971 ug/l

RT: 4.16 min Scan# 381

Delta R.T. 0.01 min

Lab File: VD066276.D

Acq: 18 Aug 2020 14:26

Instrument :

MSVOA_D

ClientSampleId :

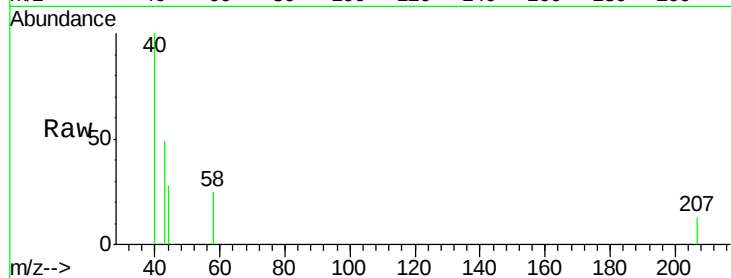
BFB

Tgt Ion: 43 Resp: 1179

Ion Ratio Lower Upper

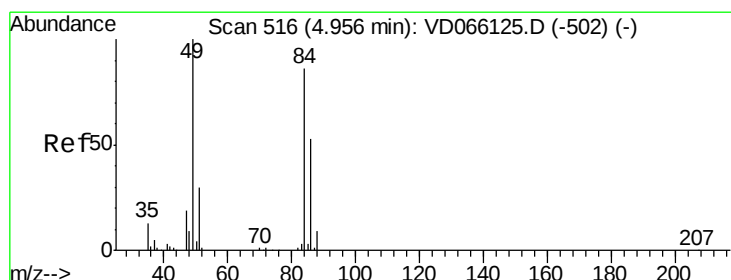
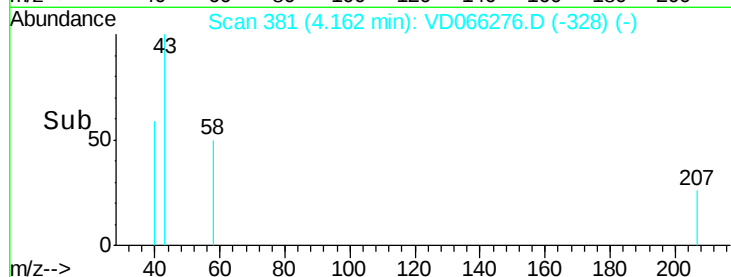
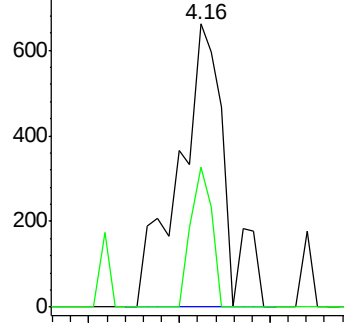
43 100

58 49.6 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: Below Cal

RT: 4.97 min Scan# 518

Delta R.T. 0.01 min

Lab File: VD066276.D

Acq: 18 Aug 2020 14:26

Tgt Ion: 84 Resp: 8363

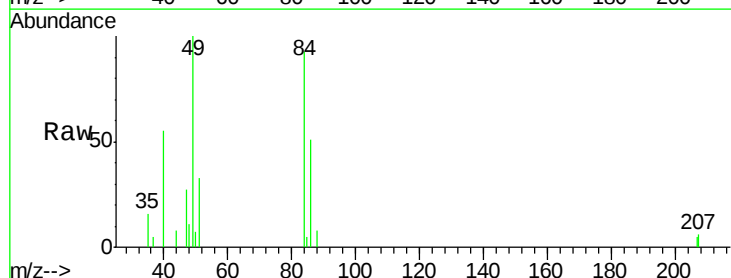
Ion Ratio Lower Upper

84 100

49 107.0 93.5 140.3

51 35.1 28.2 42.4

86 54.7 49.5 74.3

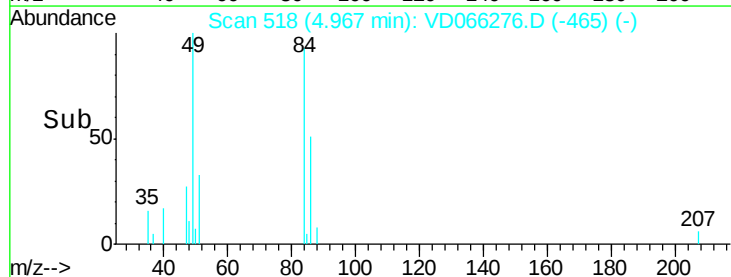
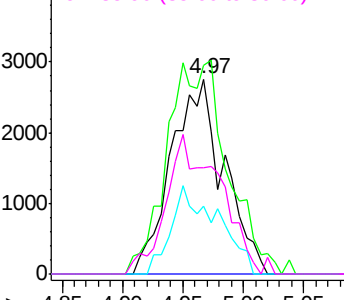


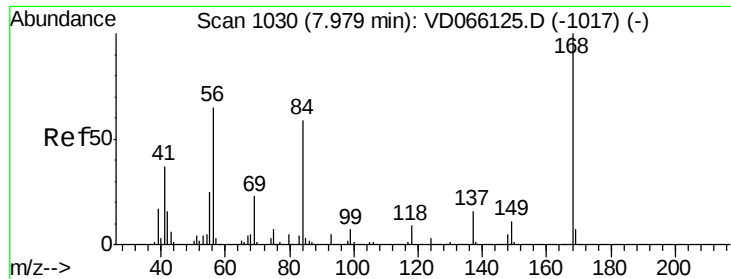
Abundance Ion 83.90 (83.60 to 84.60): VDC

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

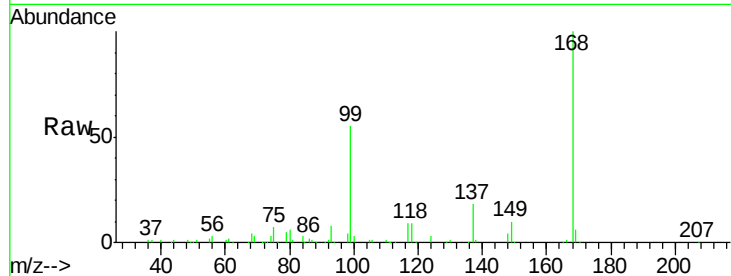




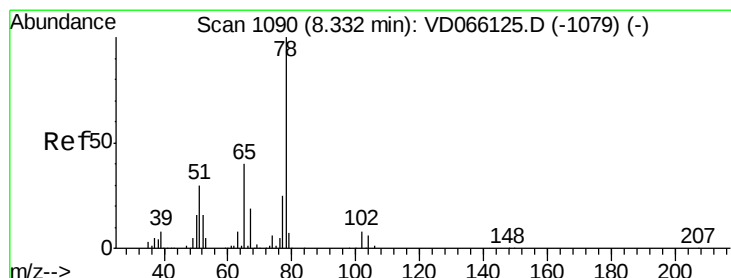
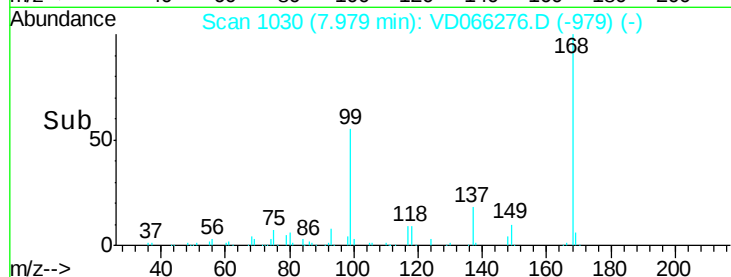
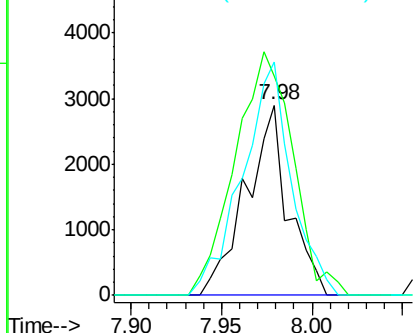
#31
Cyclohexane
Concen: 1.299 ug/l
RT: 7.98 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VD066276.D
Acq: 18 Aug 2020 14:26

Instrument :
MSVOA_D
ClientSampleId :
BFB

Tgt Ion: 56 Resp: 4762
Ion Ratio Lower Upper
56 100
69 115.1 28.8 43.2#
84 128.3 73.0 109.6#

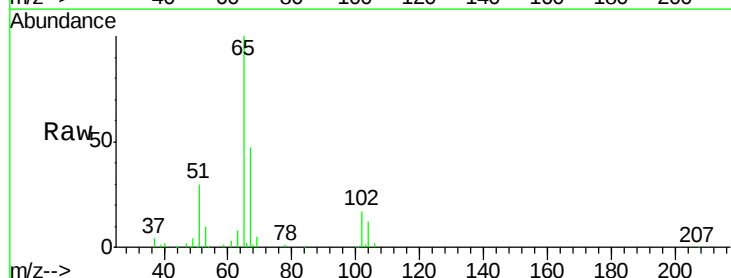


Abundance Ion 56.00 (55.70 to 56.70): VDC
Ion 69.00 (68.70 to 69.70): VDC
Ion 84.00 (83.70 to 84.70): VDC

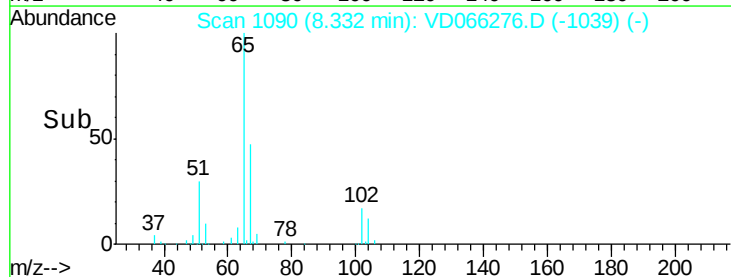
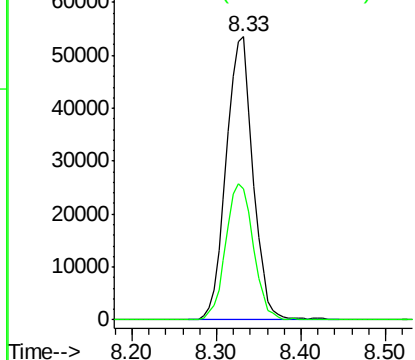


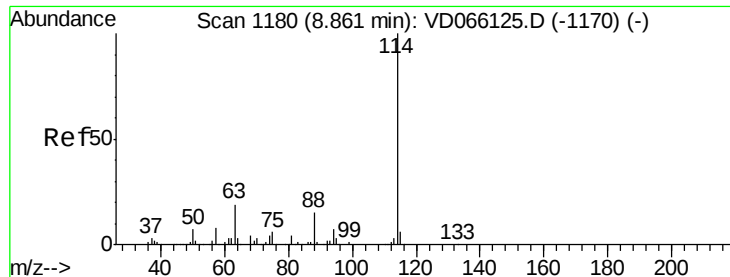
#33
1,2-Dichloroethane-d4
Concen: 55.966 ug/l
RT: 8.33 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VD066276.D
Acq: 18 Aug 2020 14:26

Tgt Ion: 65 Resp: 117068
Ion Ratio Lower Upper
65 100
67 49.3 0.0 104.6



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

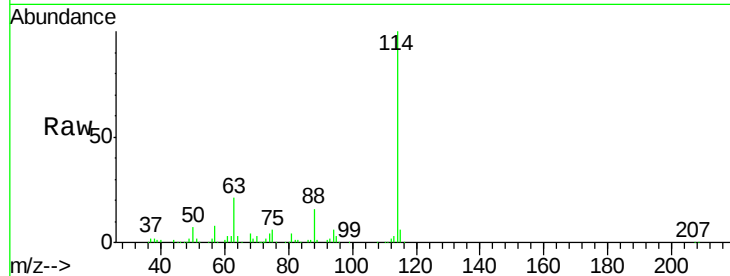




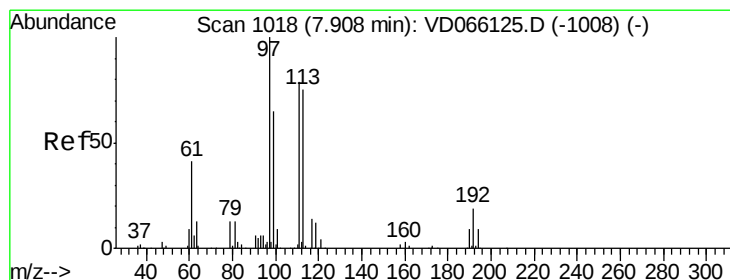
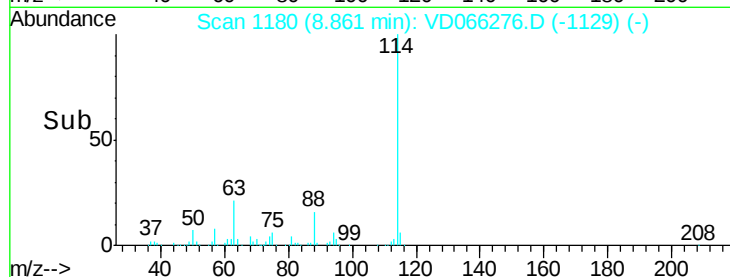
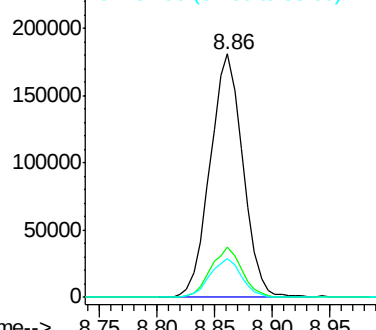
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.86 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: VD066276.D
 Acq: 18 Aug 2020 14:26

Instrument :
 MSVOA_D
 ClientSampleId :
 BFB

Tgt Ion:114 Resp: 357735
 Ion Ratio Lower Upper
 114 100
 63 20.8 0.0 38.6
 88 15.7 0.0 30.0

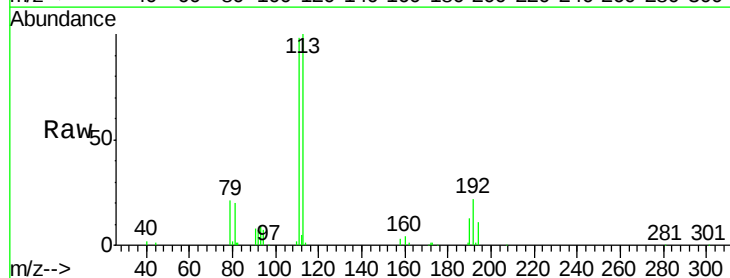


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): V
 Ion 87.90 (87.60 to 88.60): V

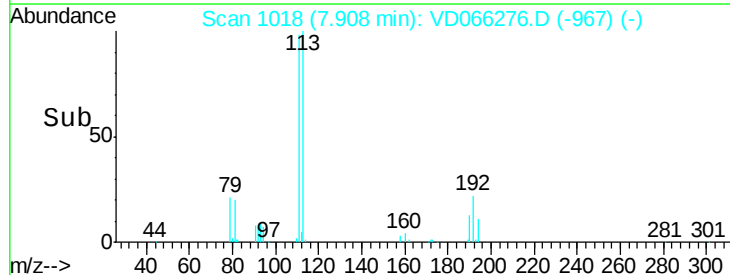
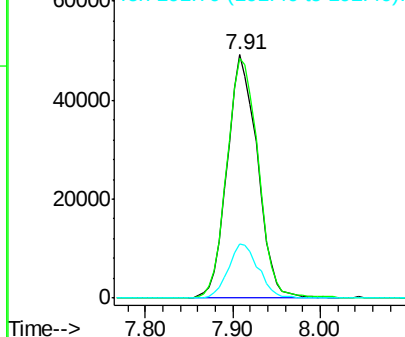


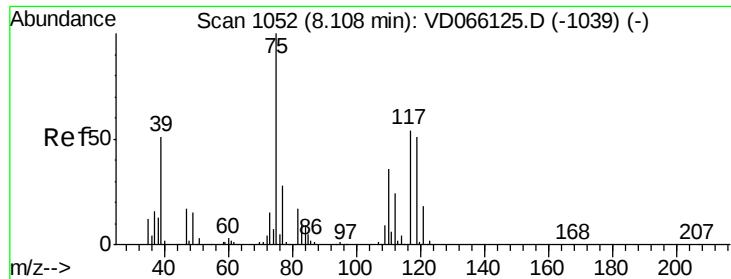
#35
 Dibromofluoromethane
 Concen: 51.042 ug/l
 RT: 7.91 min Scan# 1018
 Delta R.T. 0.00 min
 Lab File: VD066276.D
 Acq: 18 Aug 2020 14:26

Tgt Ion:113 Resp: 115672
 Ion Ratio Lower Upper
 113 100
 111 101.9 80.7 121.1
 192 22.2 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

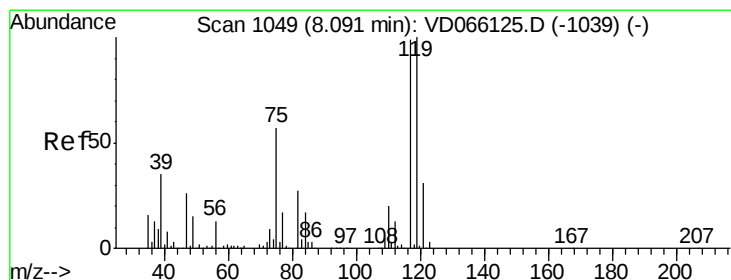
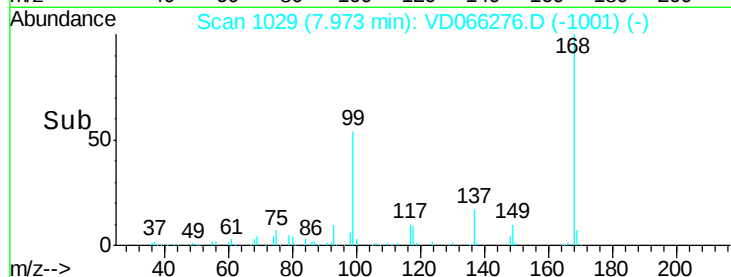
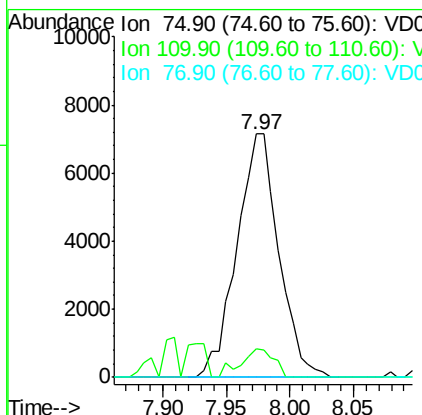
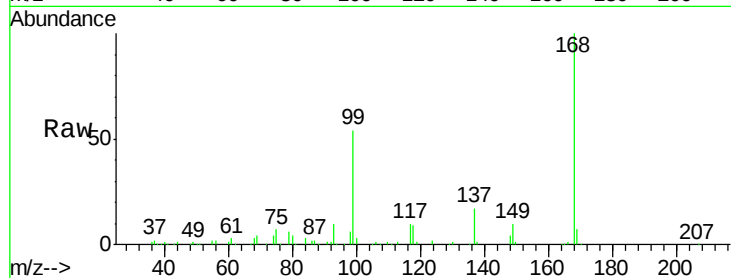




#36
 1,1-Dichloropropene
 Concen: 4.883 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.14 min
 Lab File: VD066276.D
 Acq: 18 Aug 2020 14:26

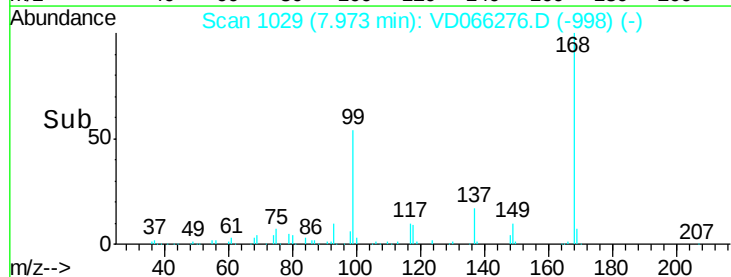
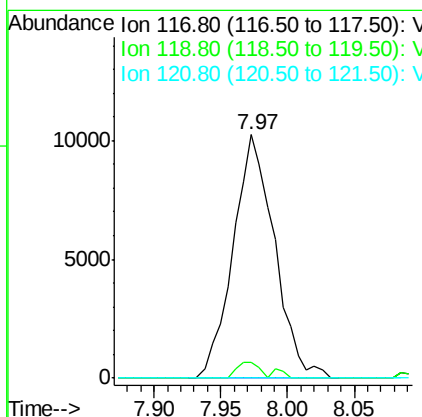
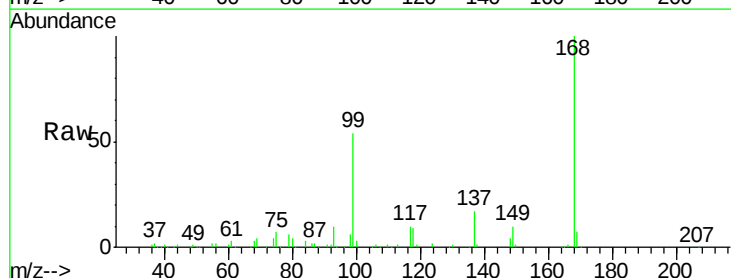
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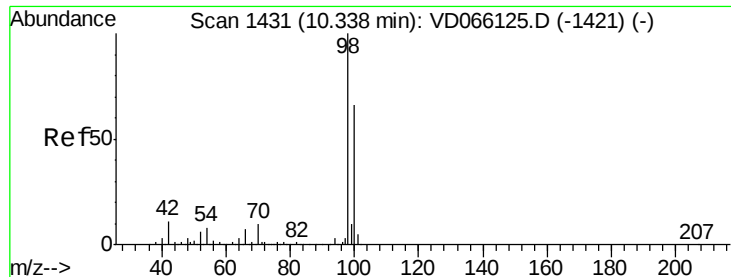
Tgt Ion: 75 Resp: 16414
 Ion Ratio Lower Upper
 75 100
 110 9.3 18.8 56.3#
 77 0.0 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 5.873 ug/l
 RT: 7.97 min Scan# 1029
 Delta R.T. -0.12 min
 Lab File: VD066276.D
 Acq: 18 Aug 2020 14:26

Tgt Ion: 117 Resp: 22017
 Ion Ratio Lower Upper
 117 100
 119 6.5 81.0 121.4#
 121 0.0 24.8 37.2#

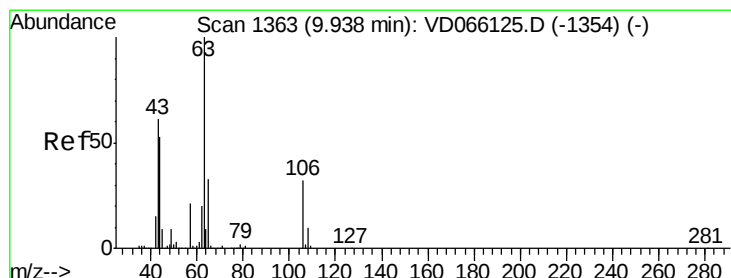
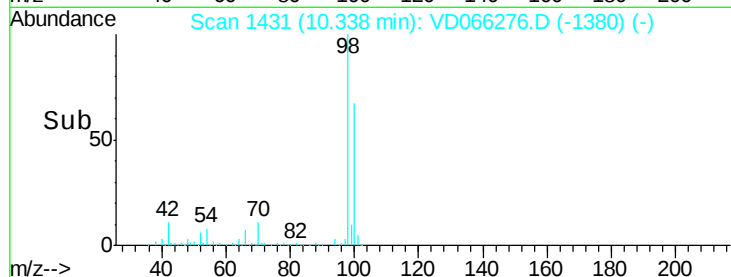
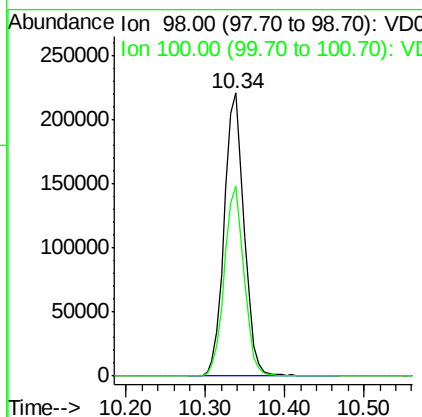
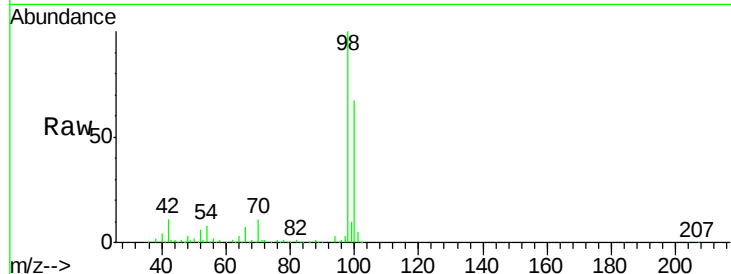




#50
Toluene-d8
Concen: 45.953 ug/l
RT: 10.34 min Scan# 1431
Delta R.T. 0.00 min
Lab File: VD066276.D
Acq: 18 Aug 2020 14:26

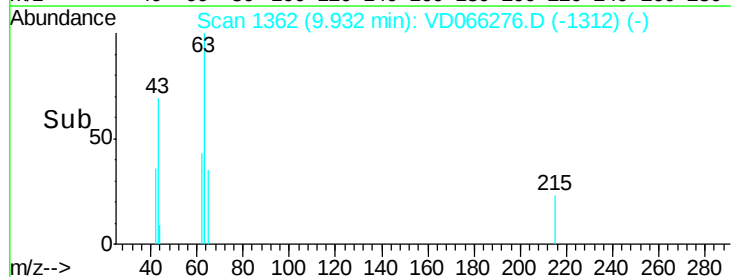
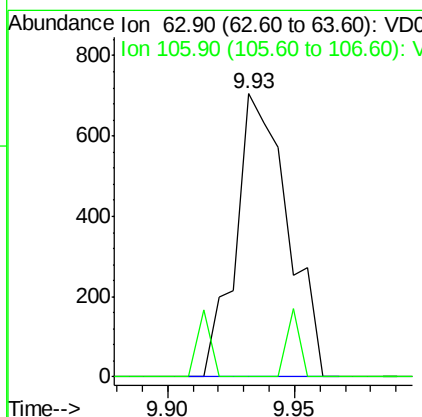
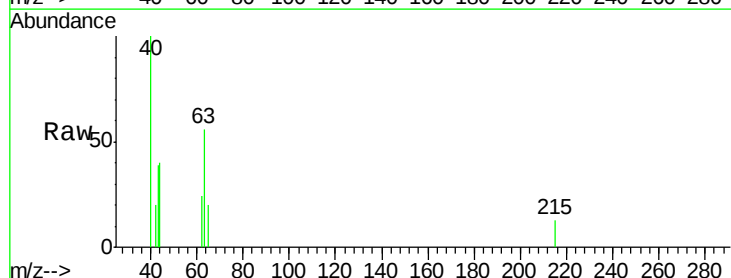
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ClientSampleId :
BFB

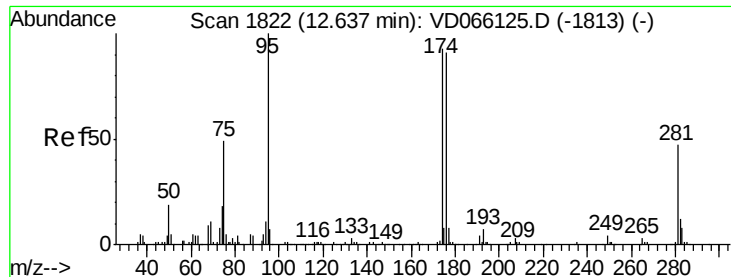
Tgt Ion: 98 Resp: 384301
Ion Ratio Lower Upper
98 100
100 66.4 52.6 78.8



#58
2-Chloroethyl Vinyl ether
Concen: 1.028 ug/l
RT: 9.93 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VD066276.D
Acq: 18 Aug 2020 14:26

Tgt Ion: 63 Resp: 1005
Ion Ratio Lower Upper
63 100
106 6.0 25.3 37.9#

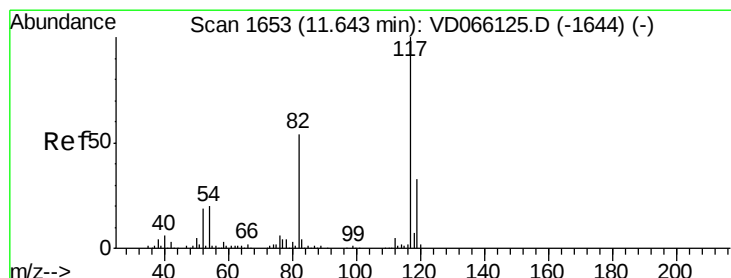
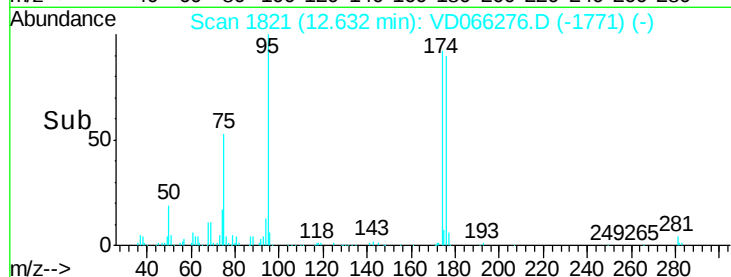
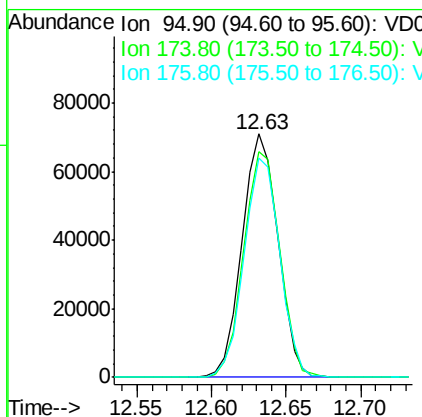
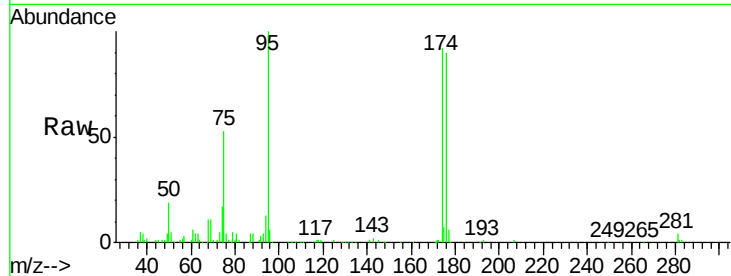




#62
4-Bromofluorobenzene
Concen: 39.093 ug/l
RT: 12.63 min Scan# 1821
Delta R.T. -0.01 min
Lab File: VD066276.D
Acq: 18 Aug 2020 14:26

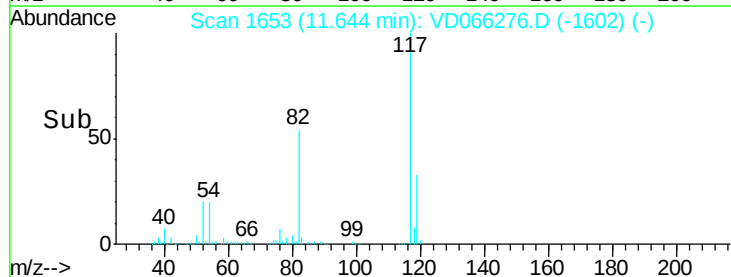
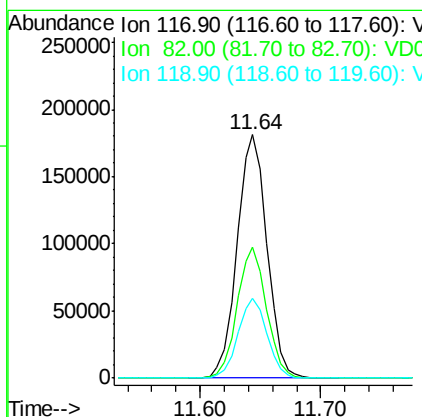
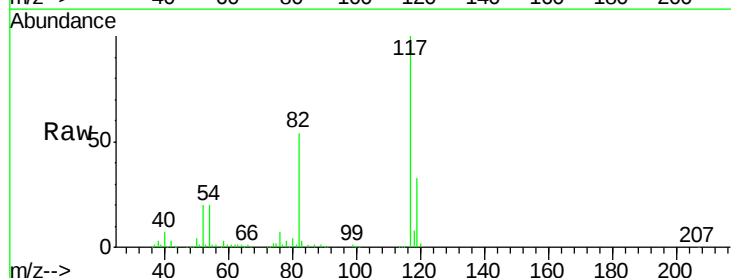
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MSVOA_D
ClientSampleId :
BFB

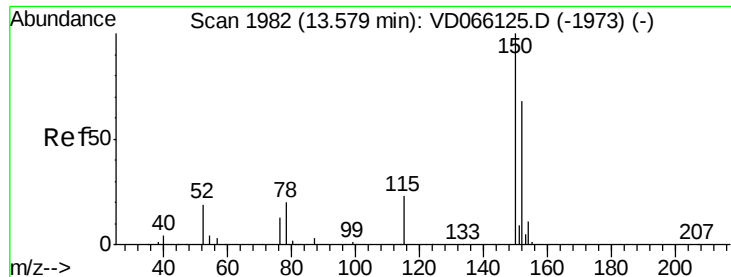
Tgt Ion: 95 Resp: 117847
Ion Ratio Lower Upper
95 100
174 93.2 0.0 180.8
176 89.6 0.0 181.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1653
Delta R.T. 0.00 min
Lab File: VD066276.D
Acq: 18 Aug 2020 14:26

Tgt Ion: 117 Resp: 312002
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.7 26.1 39.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.58 min Scan# 1982

Delta R.T. 0.00 min

Lab File: VD066276.D

Acq: 18 Aug 2020 14:26

Instrument :

MSVOA_D

ClientSampleId :

BFB

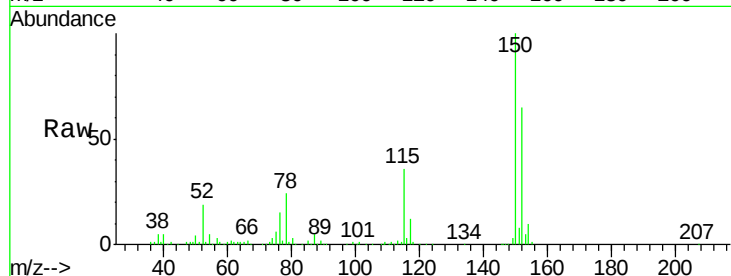
Tgt Ion:152 Resp: 133711

Ion Ratio Lower Upper

152 100

115 56.2 28.0 83.9

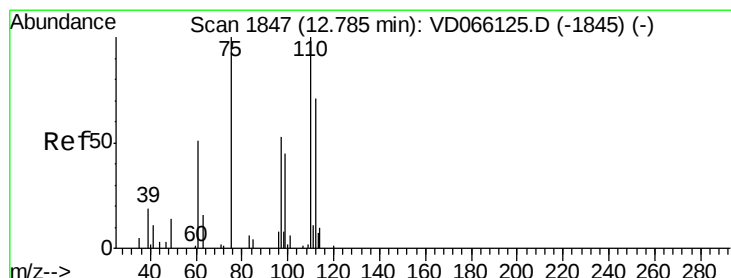
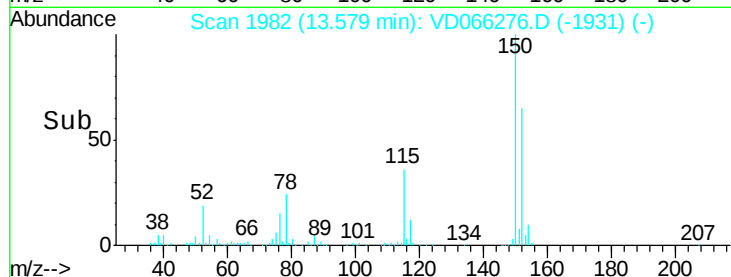
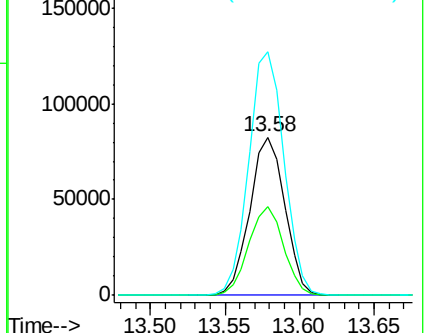
150 155.2 0.0 346.4



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: 55.254 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. -0.15 min

Lab File: VD066276.D

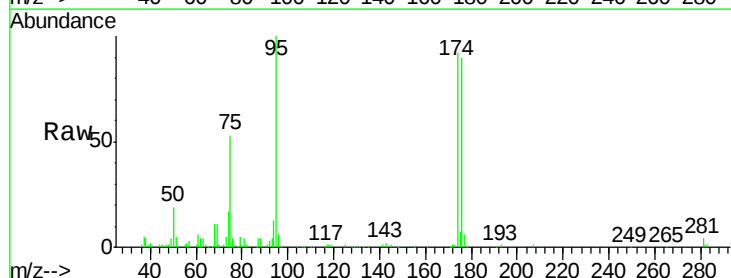
Acq: 18 Aug 2020 14:26

Tgt Ion: 75 Resp: 61611

Ion Ratio Lower Upper

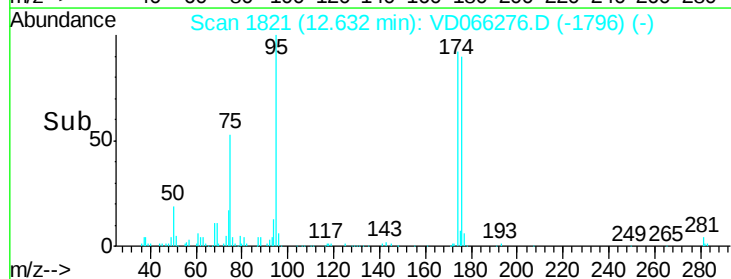
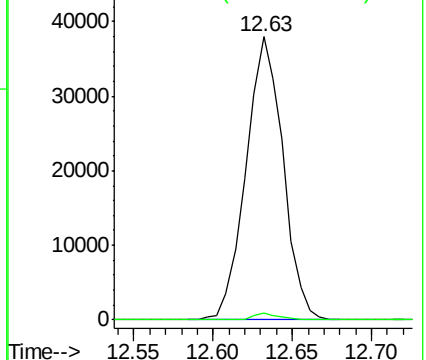
75 100

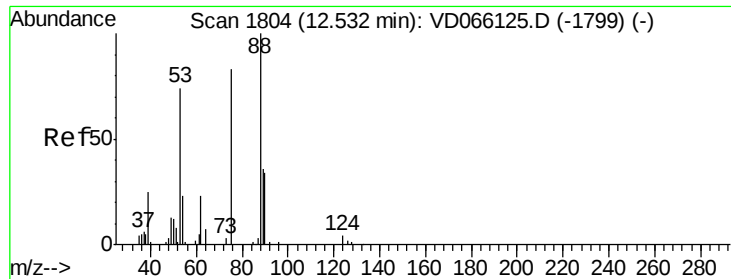
77 1.5 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VDC

Ion 77.00 (76.70 to 77.70): VDC





#81

trans-1,4-Dichloro-2-butene

Concen: 122.142 ug/l

RT: 12.63 min Scan# 1821

Delta R.T. 0.10 min

Lab File: VD066276.D

Acq: 18 Aug 2020 14:26

Instrument :

MSVOA_D

ClientSampleId :

BFB

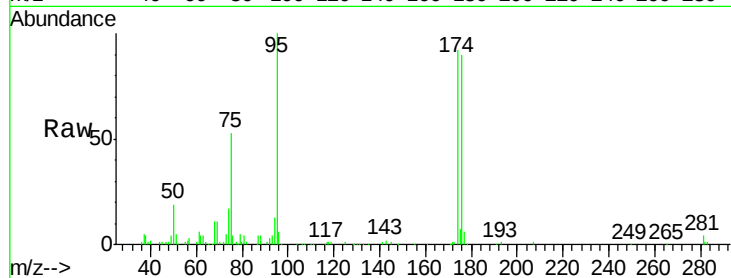
Tgt Ion: 75 Resp: 61611

Ion Ratio Lower Upper

75 100

53 0.0 73.4 110.2#

89 0.0 36.6 55.0#



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

