

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051823\
 Data File : VD076146.D
 Acq On : 18 May 2023 17:59
 Operator : KP/SY
 Sample : 02816-08
 Misc : 5.93G/10.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CB-22-K2-SO-39-051623

Quant Time: May 19 01:54:37 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

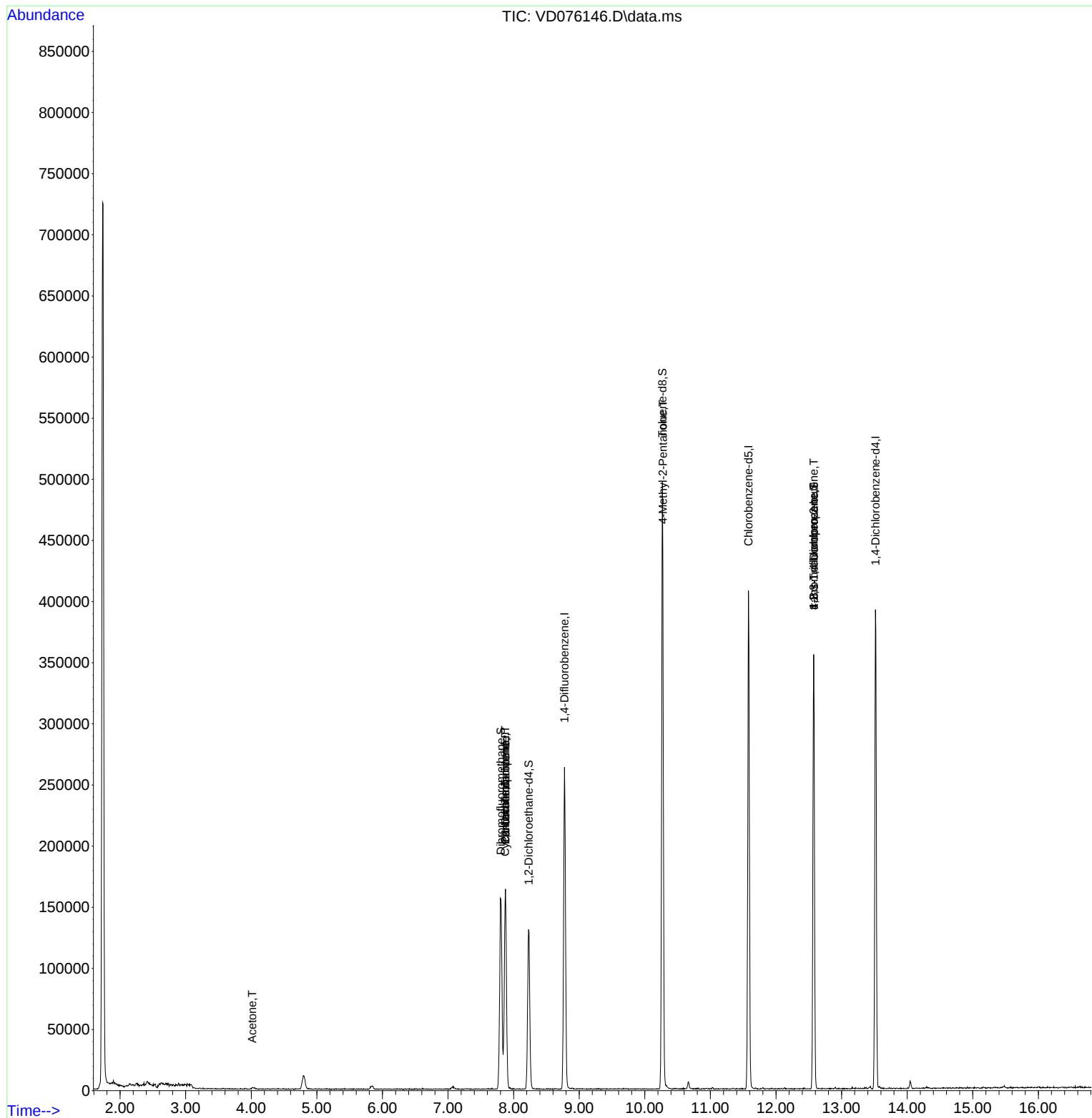
Internal Standards						
1) Pentafluorobenzene	7.875	168	133140	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	249498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	247998	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	113592	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	100564	78.153	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 156.300%			
35) Dibromofluoromethane	7.805	113	119344	69.202	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 138.400%			
50) Toluene-d8	10.269	98	359547	53.481	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 106.960%			
62) 4-Bromofluorobenzene	12.575	95	109827	58.809	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 117.620%			
Target Compounds						
3) Chloromethane	2.140	50	458	Below Cal	#	40
16) Acetone	4.017	43	1421	5.550	ug/l #	84
17) Carbon Disulfide	4.258	76	137	Below Cal	#	73
20) Methylene Chloride	4.793	84	10431	Below Cal	#	75
31) Cyclohexane	7.869	56	3163	1.605	ug/l #	68
36) 1,1-Dichloropropene	7.875	75	10781	4.629	ug/l #	49
38) Carbon Tetrachloride	7.875	117	12319	5.856	ug/l #	19
51) 4-Methyl-2-Pentanone	10.275	43	867	1.082	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	56686	57.027	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	56686	119.633	ug/l #	5

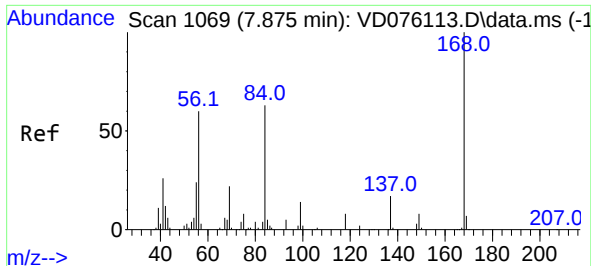
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

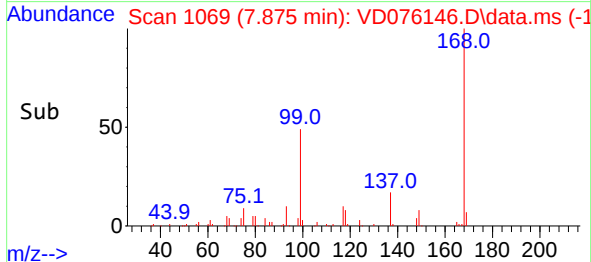
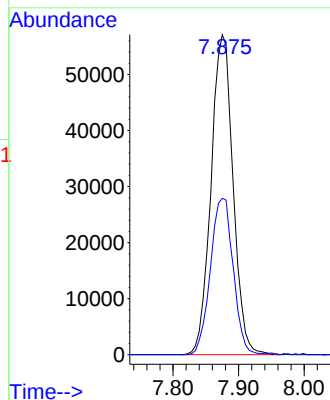
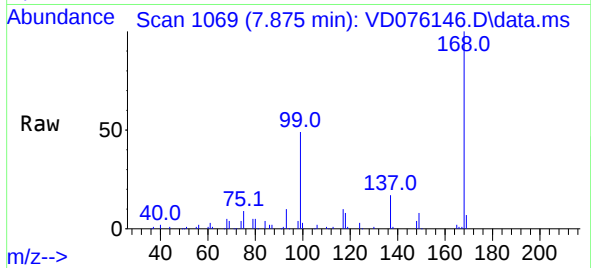




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076146.D
Acq: 18 May 2023 17:59

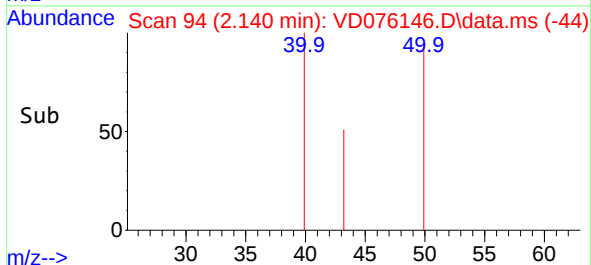
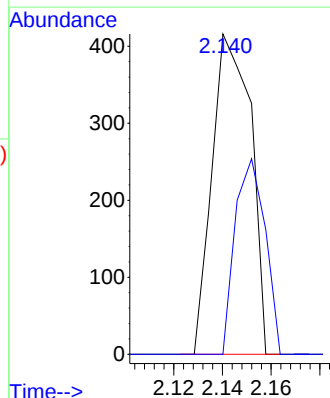
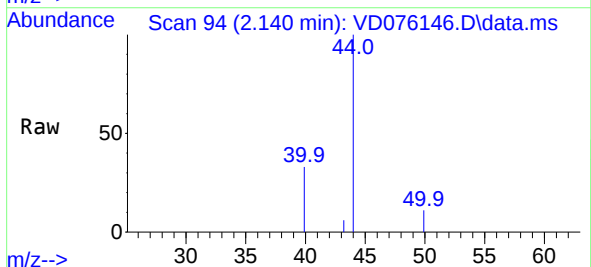
Instrument : MSVOA_D
ClientSampleId : CB-22-K2-SO-39-051623

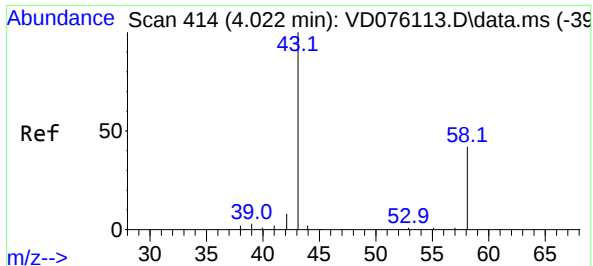
Tgt Ion:168 Resp: 133140
Ion Ratio Lower Upper
168 100
99 48.8 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD076146.D
Acq: 18 May 2023 17:59

Tgt Ion: 50 Resp: 458
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

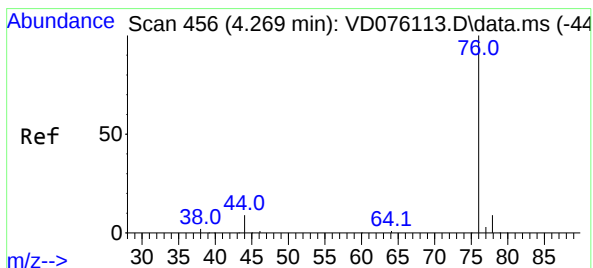
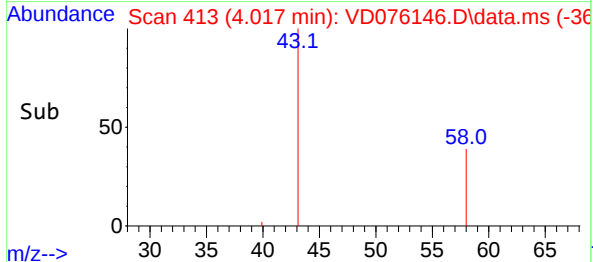
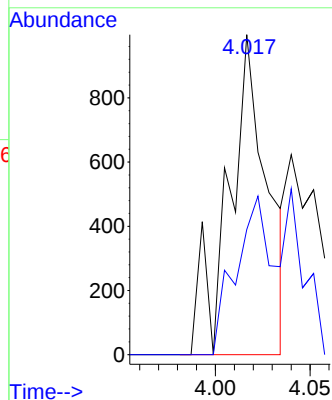
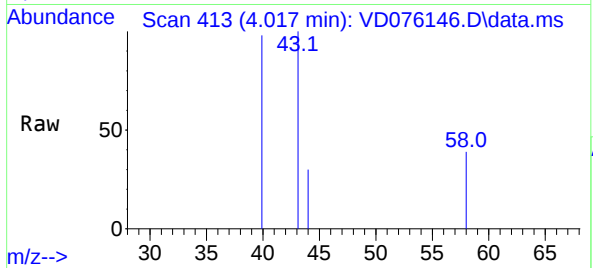




#16
Acetone
Concen: 5.550 ug/l
RT: 4.017 min Scan# 41
Delta R.T. -0.005 min
Lab File: VD076146.D
Acq: 18 May 2023 17:59

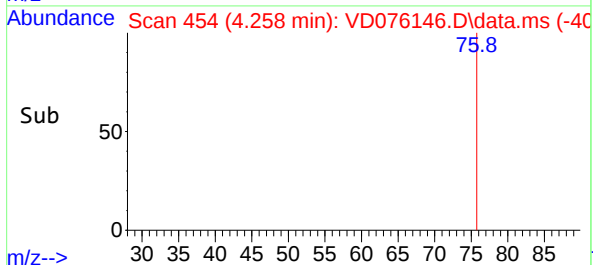
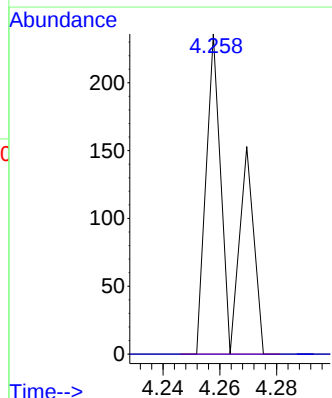
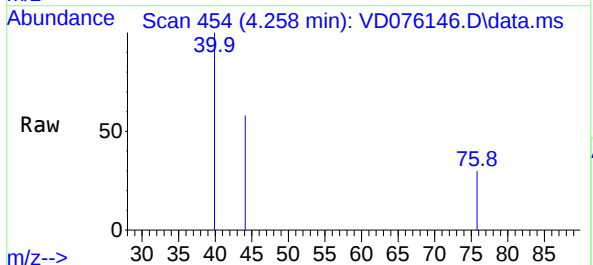
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-39-051623

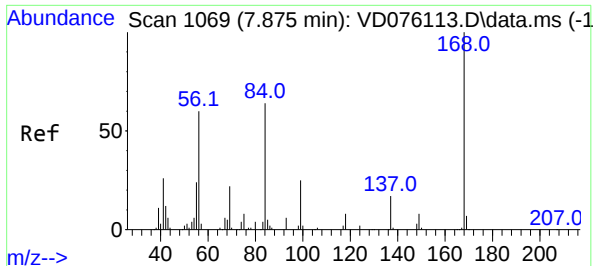
Tgt Ion: 43 Resp: 1421
Ion Ratio Lower Upper
43 100
58 39.1 24.4 36.6#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.258 min Scan# 454
Delta R.T. -0.011 min
Lab File: VD076146.D
Acq: 18 May 2023 17:59

Tgt Ion: 76 Resp: 137
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#

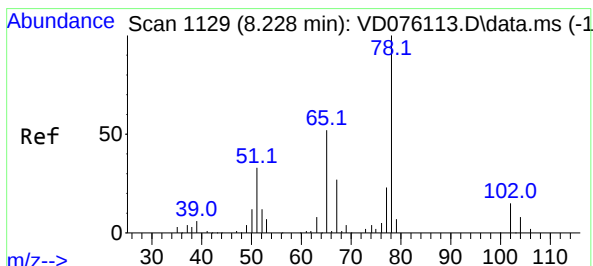
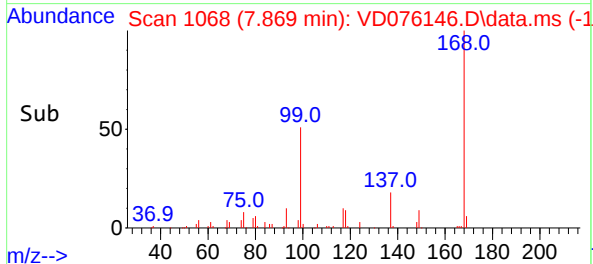
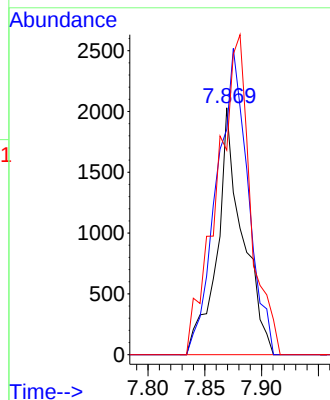
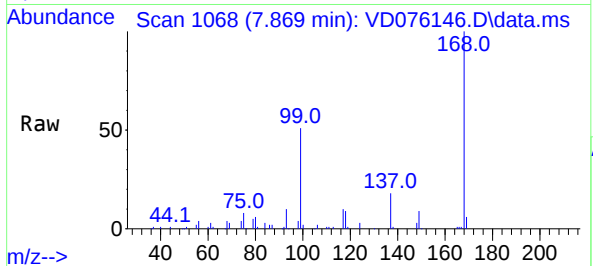




#31
Cyclohexane
Concen: 1.605 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD076146.D
Acq: 18 May 2023 17:59

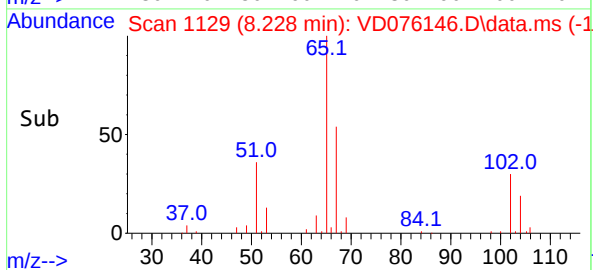
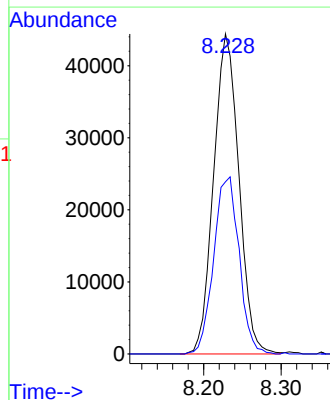
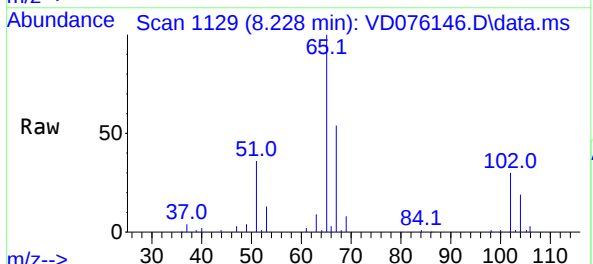
Instrument : MSVOA_D
ClientSampleId : CB-22-K2-SO-39-051623

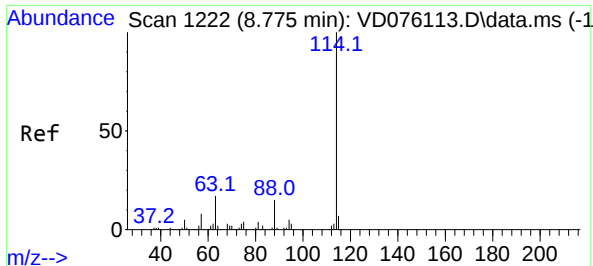
Tgt Ion: 56 Resp: 3163
Ion Ratio Lower Upper
56 100
69 91.2 25.5 38.3#
84 82.8 69.6 104.4



#33
1,2-Dichloroethane-d4
Concen: 78.153 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076146.D
Acq: 18 May 2023 17:59

Tgt Ion: 65 Resp: 100564
Ion Ratio Lower Upper
65 100
67 55.7 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076146.D

Acq: 18 May 2023 17:59

Instrument :

MSVOA_D

ClientSampleId :

CB-22-K2-SO-39-051623

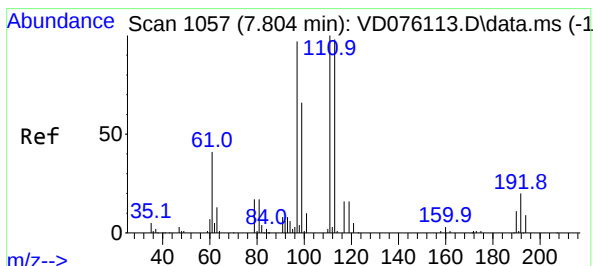
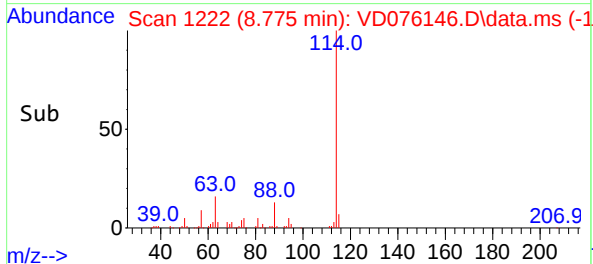
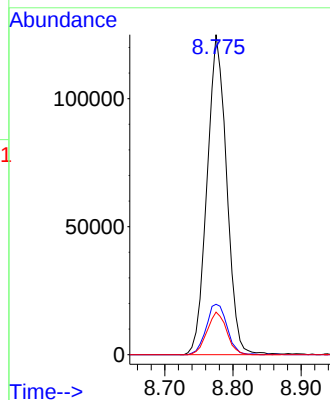
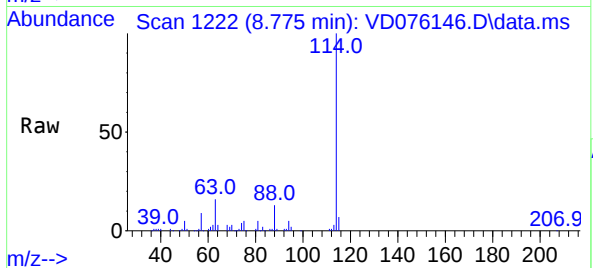
Tgt Ion:114 Resp: 249498

Ion Ratio Lower Upper

114 100

63 15.8 0.0 41.6

88 13.3 0.0 30.6



#35

Dibromofluoromethane

Concen: 69.202 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076146.D

Acq: 18 May 2023 17:59

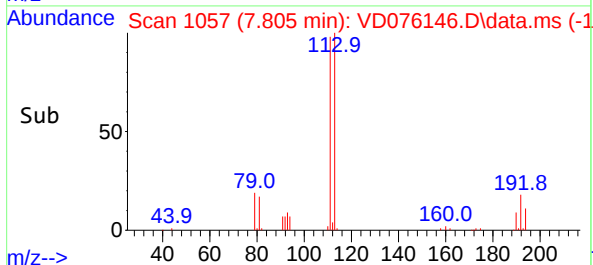
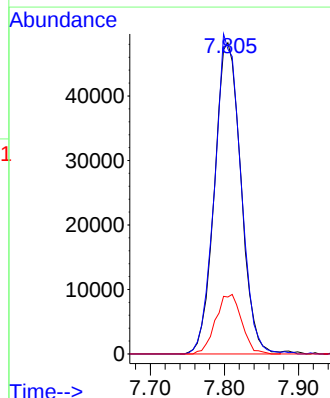
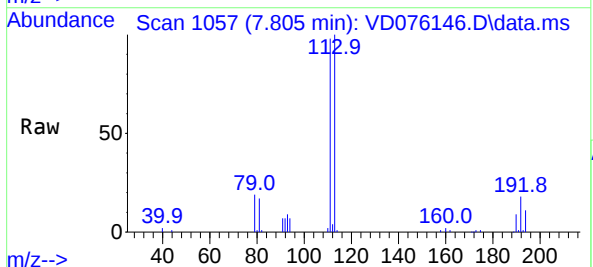
Tgt Ion:113 Resp: 119344

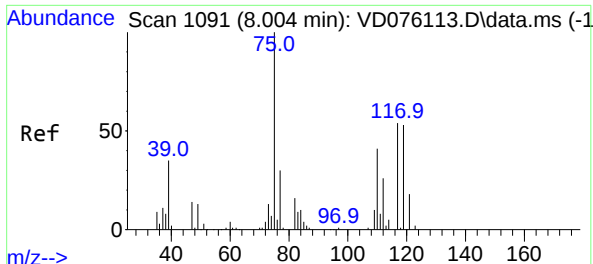
Ion Ratio Lower Upper

113 100

111 101.5 81.4 122.0

192 18.8 15.2 22.8

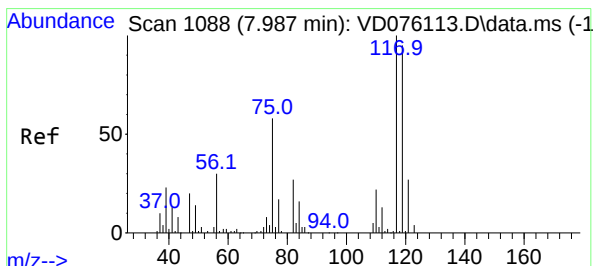
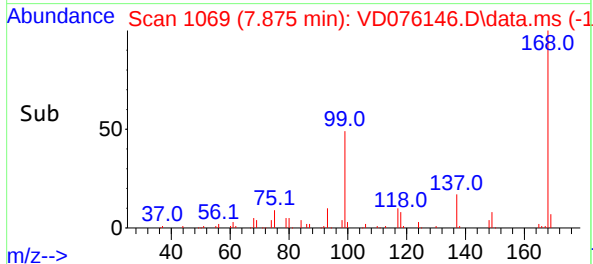
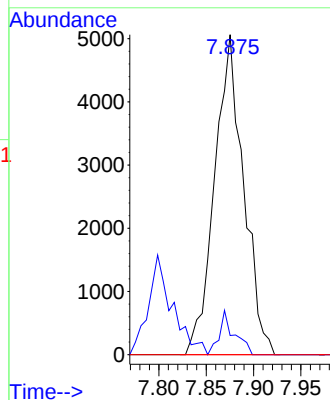
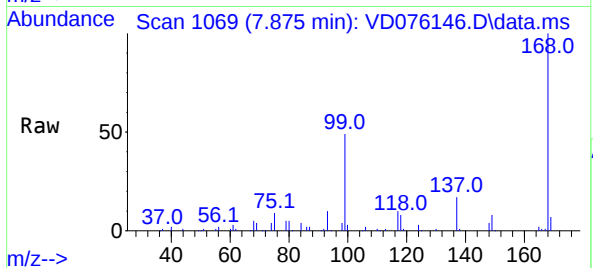




#36
1,1-Dichloropropene
Concen: 4.629 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD076146.D
Acq: 18 May 2023 17:59

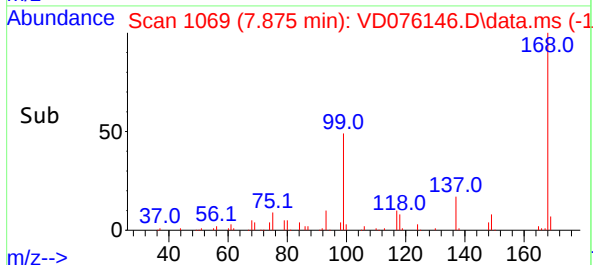
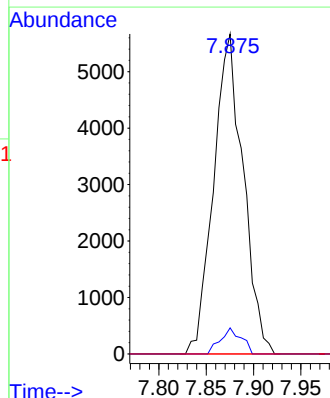
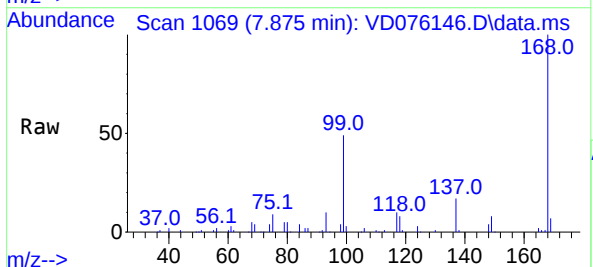
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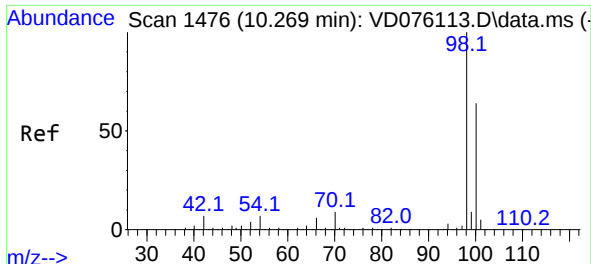
Tgt Ion: 75 Resp: 10781
Ion Ratio Lower Upper
75 100
110 7.1 17.1 51.2#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.856 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076146.D
Acq: 18 May 2023 17:59

Tgt Ion: 117 Resp: 12319
Ion Ratio Lower Upper
117 100
119 8.1 74.7 112.1#
121 0.0 25.9 38.9#

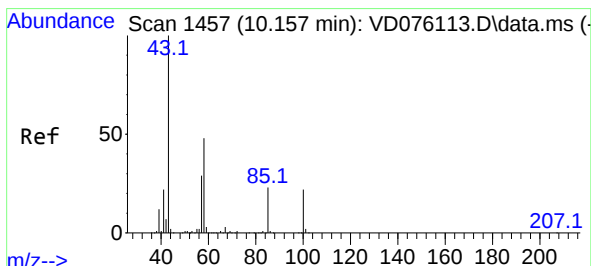
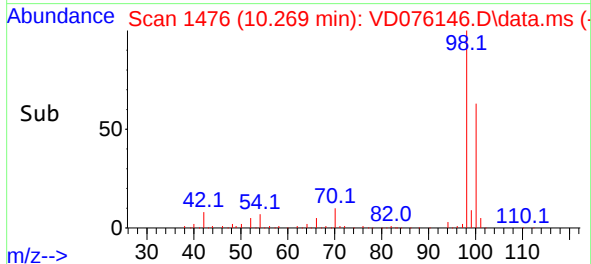
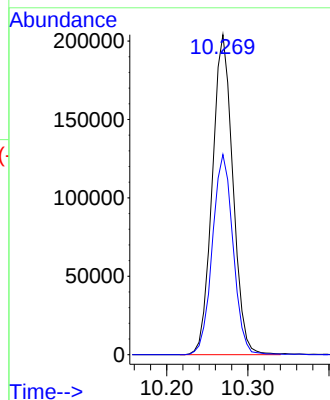
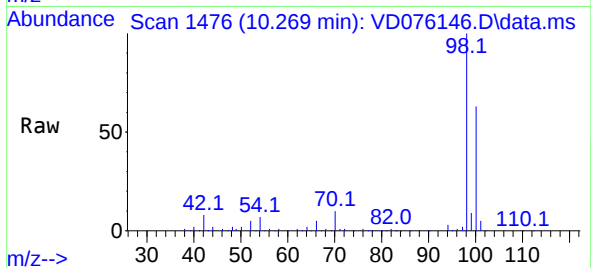




#50
Toluene-d8
Concen: 53.481 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076146.D
Acq: 18 May 2023 17:59

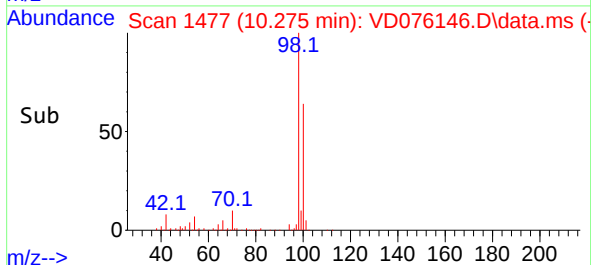
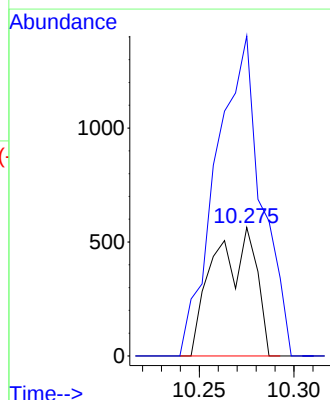
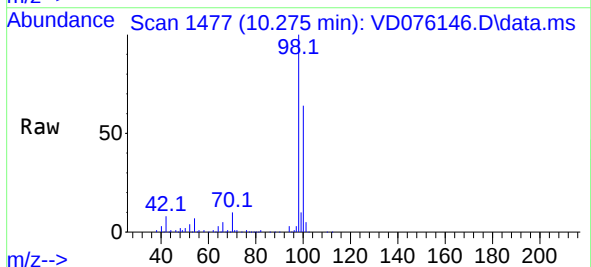
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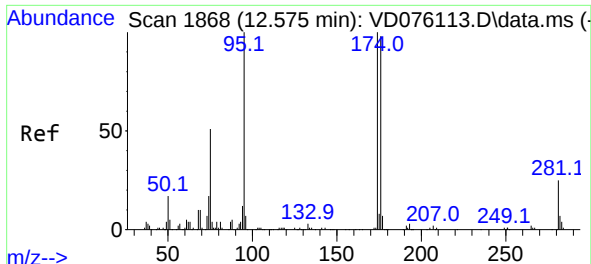
Tgt Ion: 98 Resp: 359547
Ion Ratio Lower Upper
98 100
100 62.9 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.082 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.118 min
Lab File: VD076146.D
Acq: 18 May 2023 17:59

Tgt Ion: 43 Resp: 867
Ion Ratio Lower Upper
43 100
58 270.9 29.5 44.3#

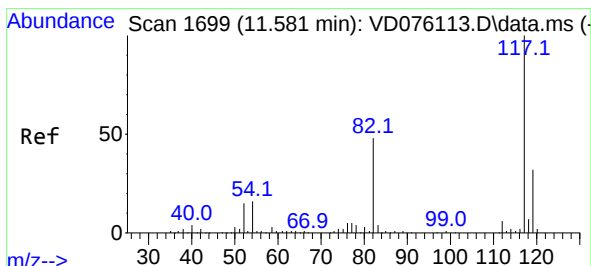
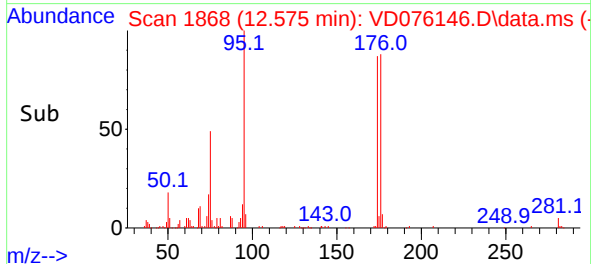
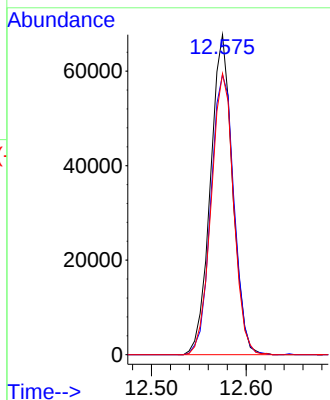
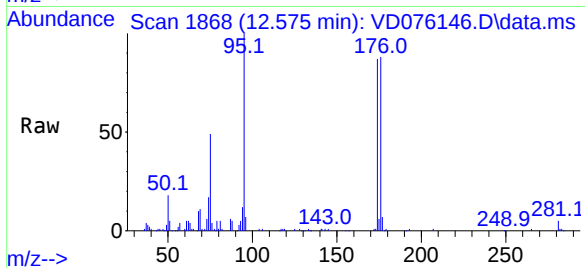




#62
4-Bromofluorobenzene
Concen: 58.809 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076146.D
Acq: 18 May 2023 17:59

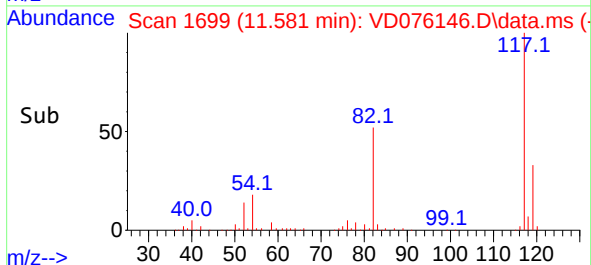
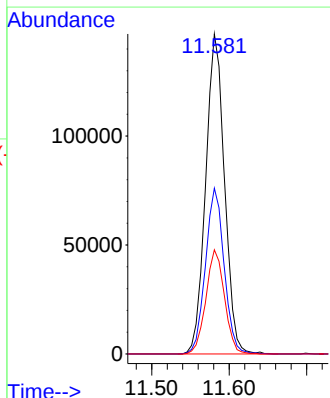
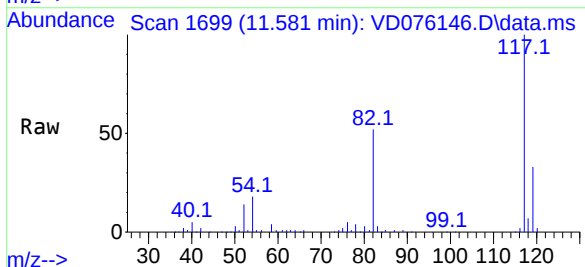
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-39-051623

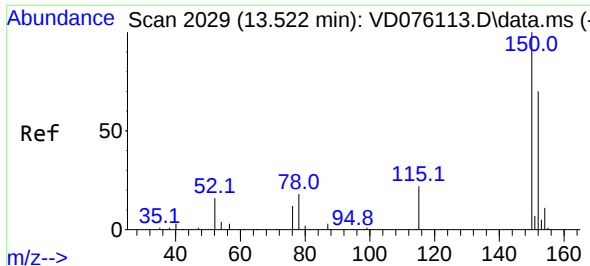
Tgt Ion:	95	Resp:	109827
Ion	Ratio	Lower	Upper
95	100		
174	91.4	0.0	164.0
176	88.6	0.0	156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076146.D
Acq: 18 May 2023 17:59

Tgt Ion:	117	Resp:	247998
Ion	Ratio	Lower	Upper
117	100		
82	51.8	44.0	66.0
119	32.5	25.1	37.7

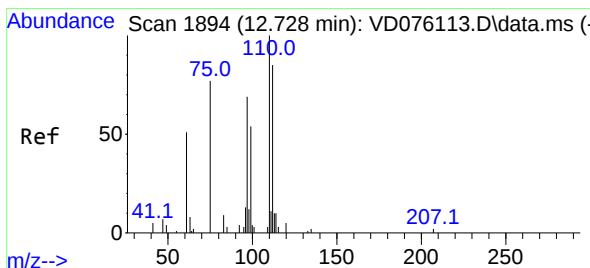
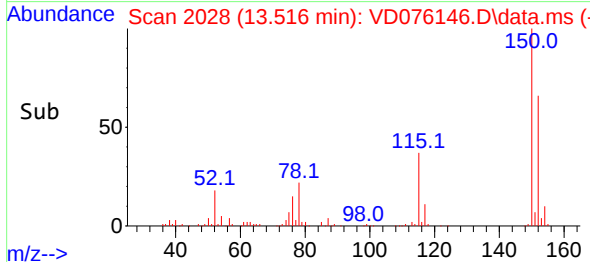
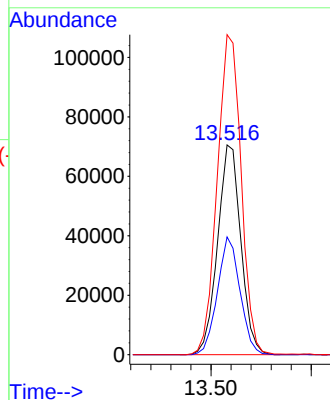
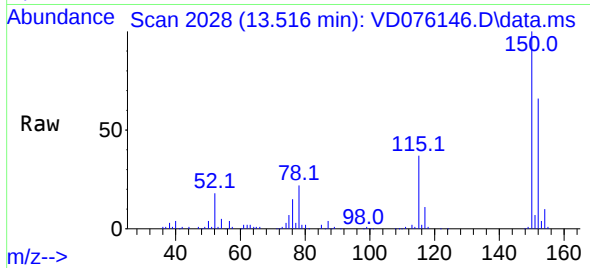




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. -0.006 min
Lab File: VD076146.D
Acq: 18 May 2023 17:59

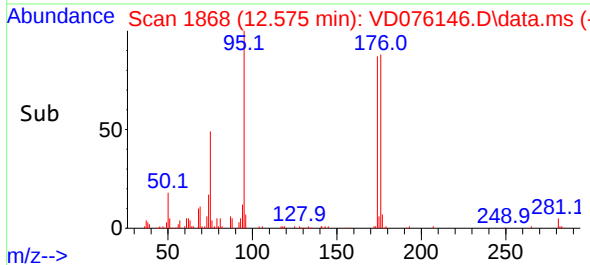
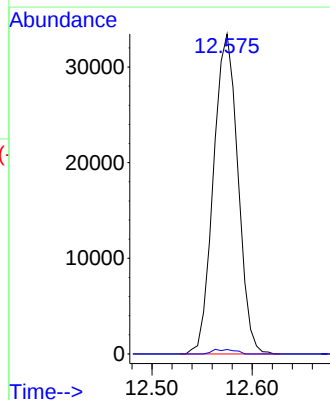
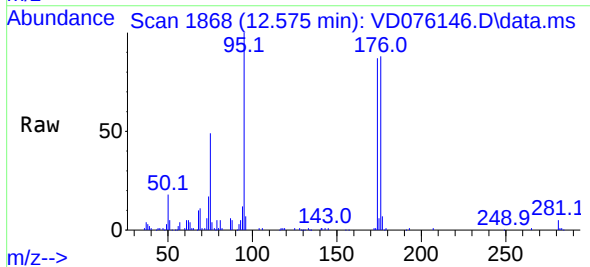
Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-39-051623

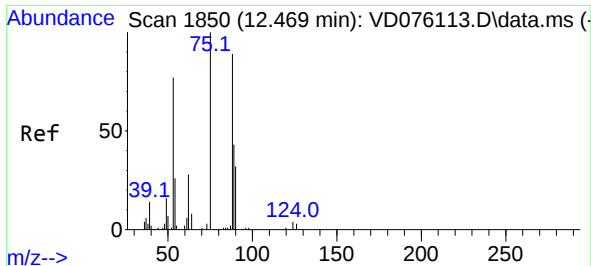
Tgt Ion:152 Resp: 113592
Ion Ratio Lower Upper
152 100
115 54.4 30.1 90.3
150 157.5 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 57.027 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076146.D
Acq: 18 May 2023 17:59

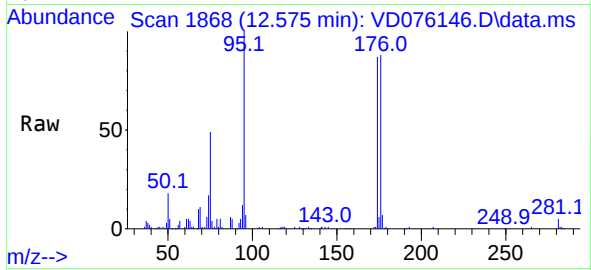
Tgt Ion: 75 Resp: 56686
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 119.633 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD076146.D
Acq: 18 May 2023 17:59

Instrument :
MSVOA_D
ClientSampleId :
CB-22-K2-SO-39-051623



Tgt Ion:	75	Resp:	56686
Ion	Ratio	Lower	Upper
75	100		
53	0.1	90.5	135.7#
89	0.0	40.2	60.4#

