

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092122\
 Data File : VD074386.D
 Acq On : 21 Sep 2022 13:49
 Operator : VA/SY
 Sample : N4641-14RE
 Misc : 6.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 22 05:12:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
 Quant Title : SW846 8260
 QLast Update : Sat Sep 17 04:16:54 2022
 Response via : Initial Calibration

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

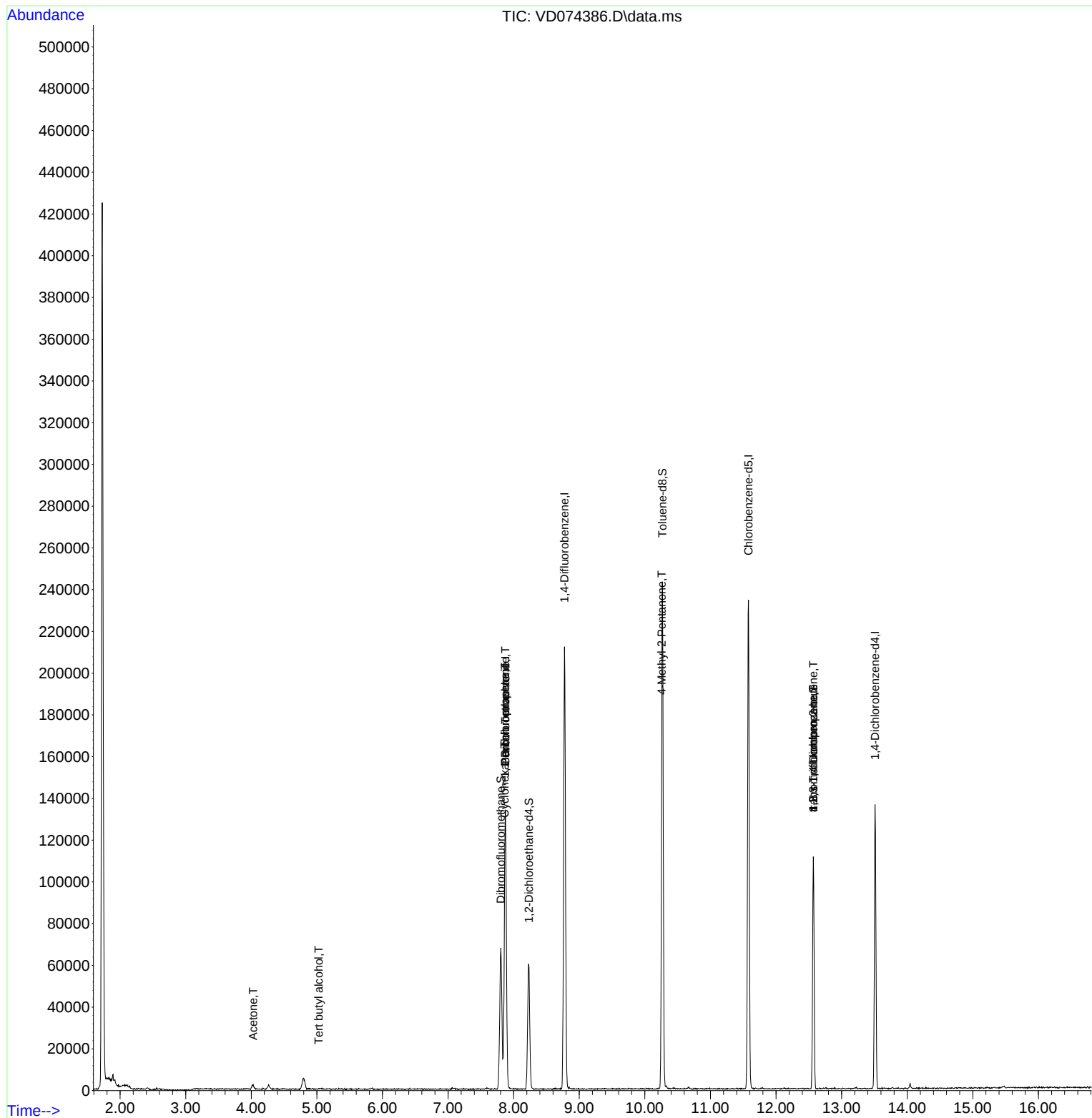
Internal Standards						
1) Pentafluorobenzene	7.875	168	103149	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	184315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	136536	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	36211	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	46675	46.457	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.920%
35) Dibromofluoromethane	7.804	113	47093	38.794	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	77.580%
50) Toluene-d8	10.269	98	171031	40.833	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.660%
62) 4-Bromofluorobenzene	12.569	95	34059	20.637	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	41.280%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.028	59	425	6.260	ug/l #	74
16) Acetone	4.028	43	3400	15.021	ug/l	99
20) Methylene Chloride	4.793	84	4484	Below Cal		92
31) Cyclohexane	7.863	56	2355	1.118	ug/l #	60
36) 1,1-Dichloropropene	7.869	75	8801	4.750	ug/l #	49
38) Carbon Tetrachloride	7.875	117	10484	6.384	ug/l #	14
51) 4-Methyl-2-Pentanone	10.257	43	809	1.124	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	17641	52.655	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	17641	131.966	ug/l #	100

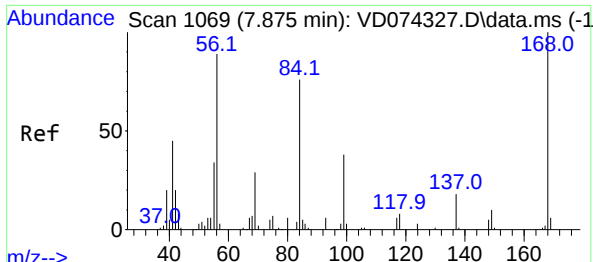
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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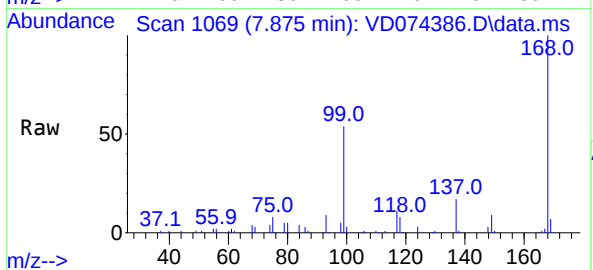
Quant Time: Sep 22 05:12:10 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 17 04:16:54 2022
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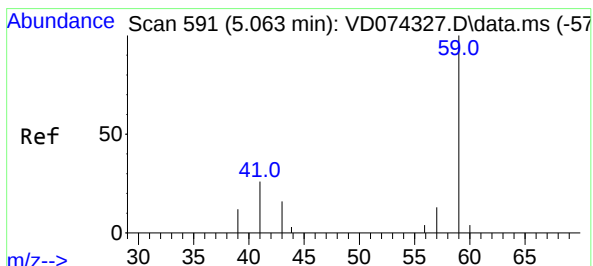
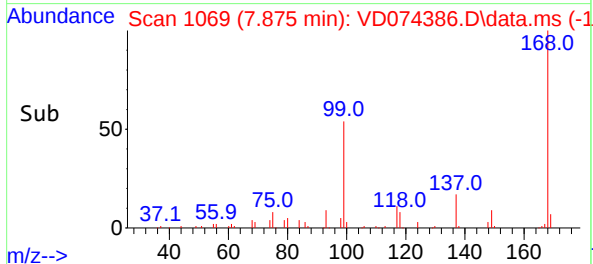
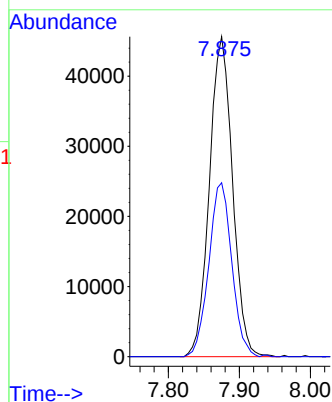


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074386.D
Acq: 21 Sep 2022 13:49

Instrument :
MSVOA_D
ClientSampleId :

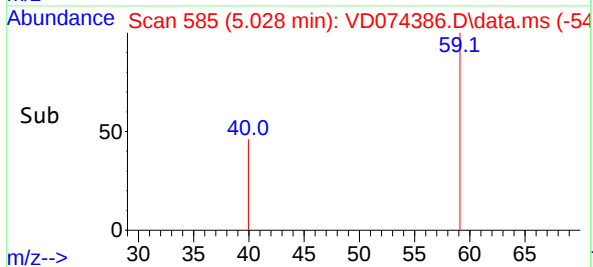
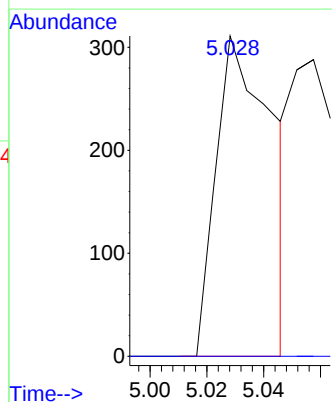
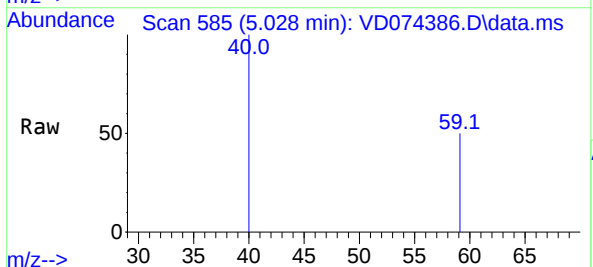


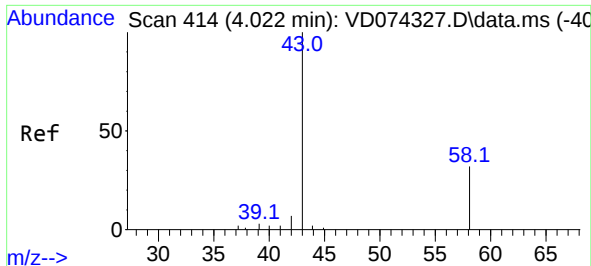
Tgt Ion:168 Resp: 103149
Ion Ratio Lower Upper
168 100
99 54.3 43.0 64.6



#11
Tert butyl alcohol
Concen: 6.260 ug/l
RT: 5.028 min Scan# 585
Delta R.T. -0.035 min
Lab File: VD074386.D
Acq: 21 Sep 2022 13:49

Tgt Ion: 59 Resp: 425
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

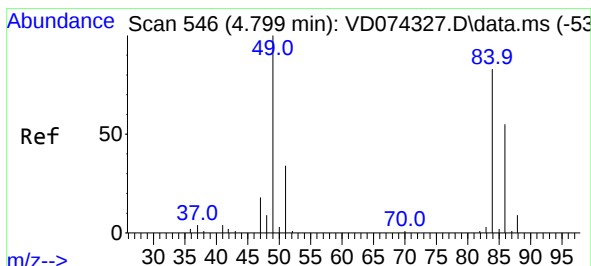
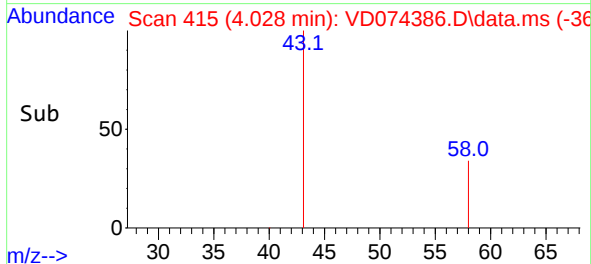
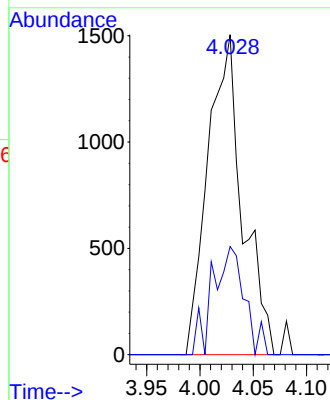
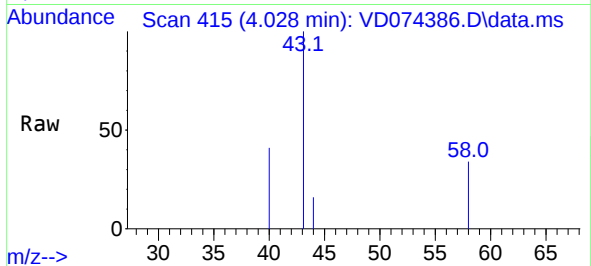




#16
Acetone
Concen: 15.021 ug/l
RT: 4.028 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD074386.D
Acq: 21 Sep 2022 13:49

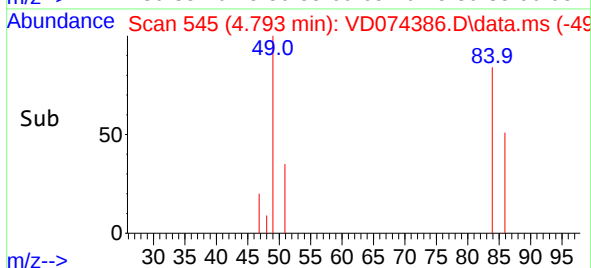
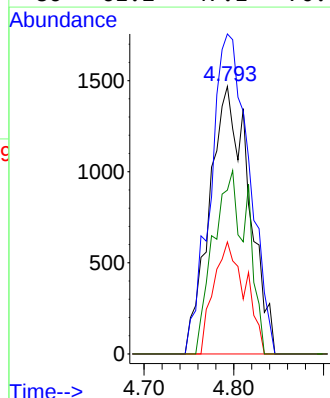
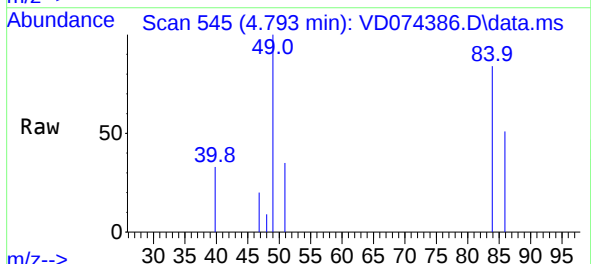
Instrument :
MSVOA_D
ClientSampleId :

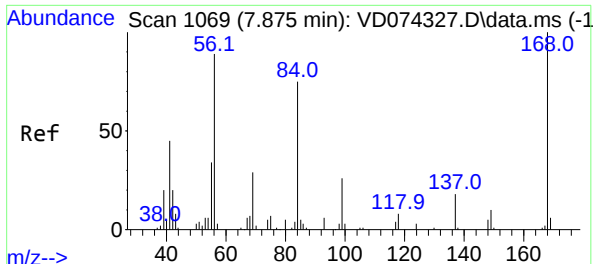
Tgt Ion: 43 Resp: 3400
Ion Ratio Lower Upper
43 100
58 33.8 26.4 39.6



#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074386.D
Acq: 21 Sep 2022 13:49

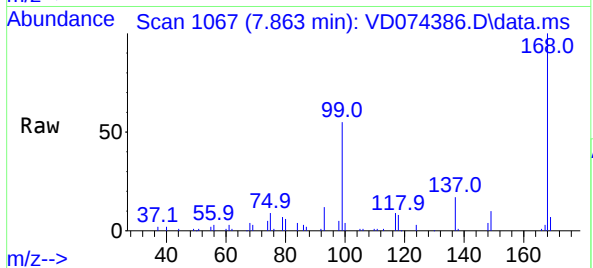
Tgt Ion: 84 Resp: 4484
Ion Ratio Lower Upper
84 100
49 119.6 88.4 132.6
51 41.8 28.0 42.0
86 61.2 47.1 70.7



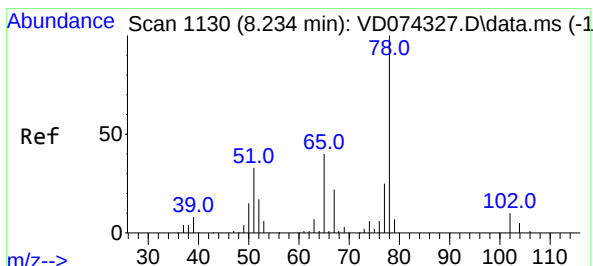
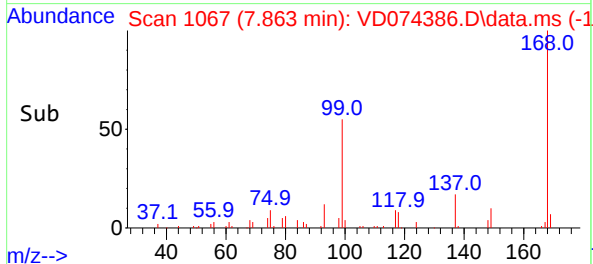
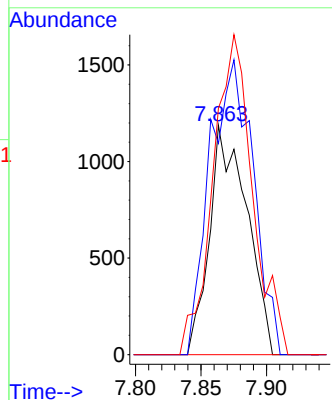


#31
Cyclohexane
Concen: 1.118 ug/l
RT: 7.863 min Scan# 1069
Delta R.T. -0.012 min
Lab File: VD074386.D
Acq: 21 Sep 2022 13:49

Instrument :
MSVOA_D
ClientSampleId :

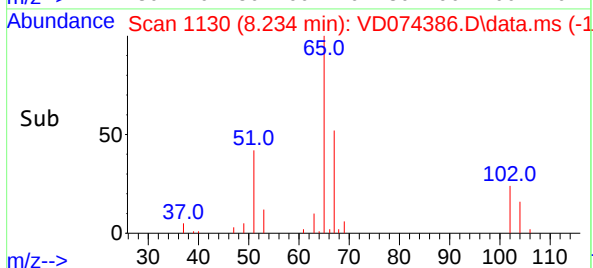
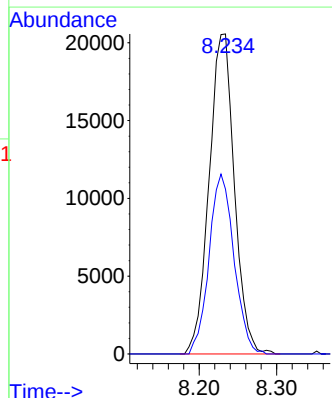
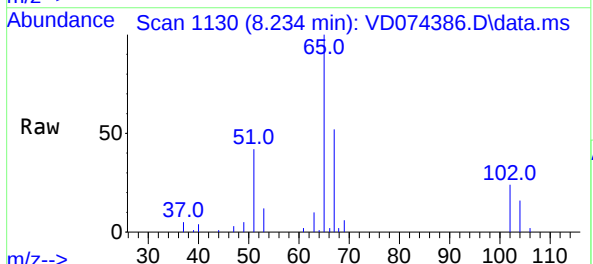


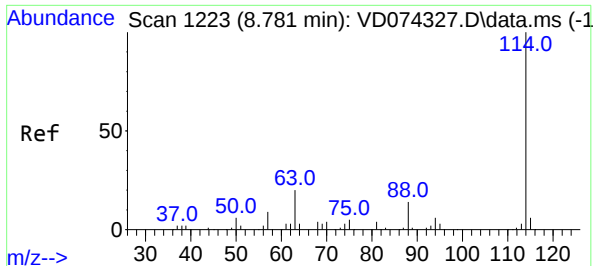
Tgt Ion: 56 Resp: 2355
Ion Ratio Lower Upper
56 100
69 92.2 25.7 38.5#
84 107.6 73.9 110.9



#33
1,2-Dichloroethane-d4
Concen: 46.457 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD074386.D
Acq: 21 Sep 2022 13:49

Tgt Ion: 65 Resp: 46675
Ion Ratio Lower Upper
65 100
67 55.4 0.0 110.6

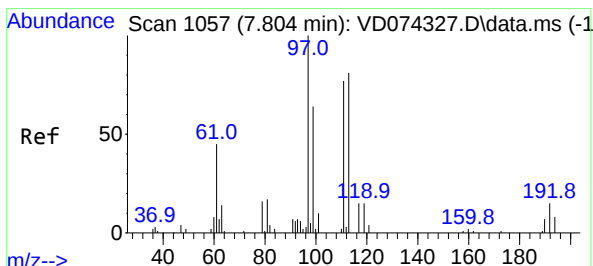
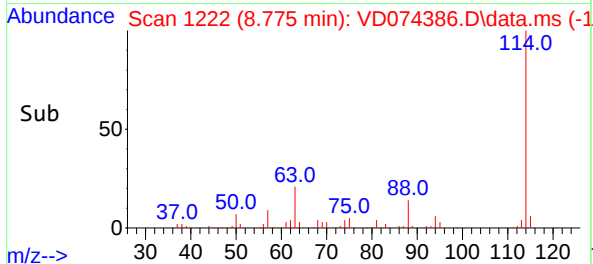
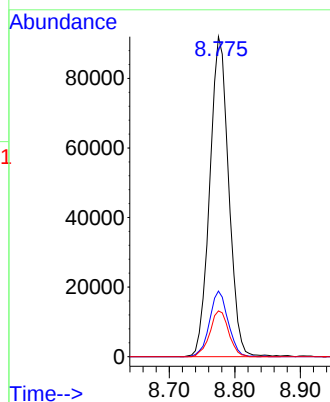
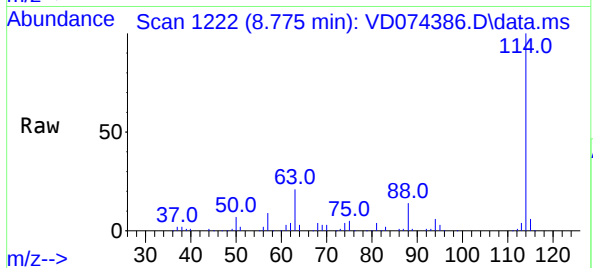




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074386.D
Acq: 21 Sep 2022 13:49

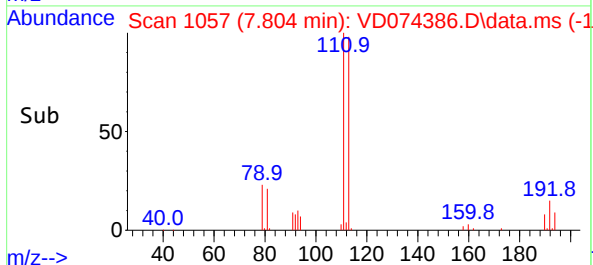
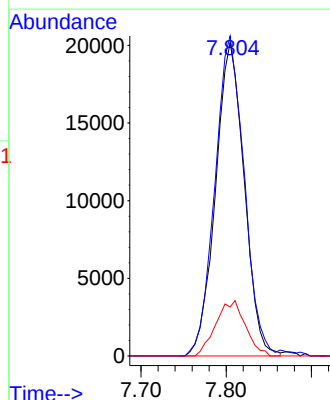
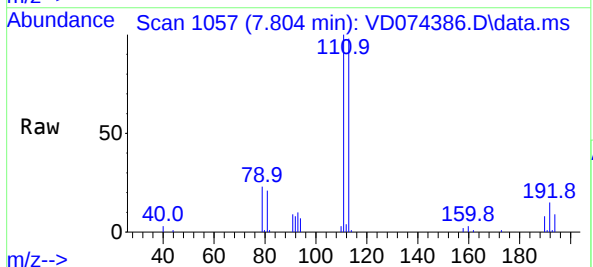
Instrument :
MSVOA_D
ClientSampleId :

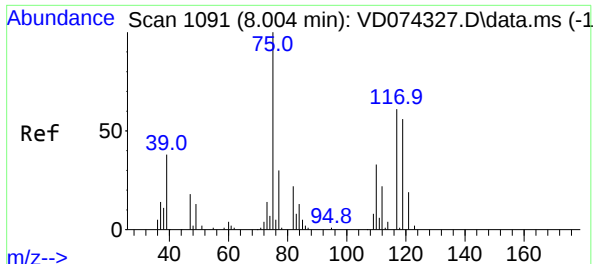
Tgt Ion:114 Resp: 184315
Ion Ratio Lower Upper
114 100
63 20.5 0.0 37.6
88 14.3 0.0 28.4



#35
Dibromofluoromethane
Concen: 38.794 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD074386.D
Acq: 21 Sep 2022 13:49

Tgt Ion:113 Resp: 47093
Ion Ratio Lower Upper
113 100
111 105.0 83.0 124.6
192 18.2 16.2 24.2





#36

1,1-Dichloropropene

Concen: 4.750 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

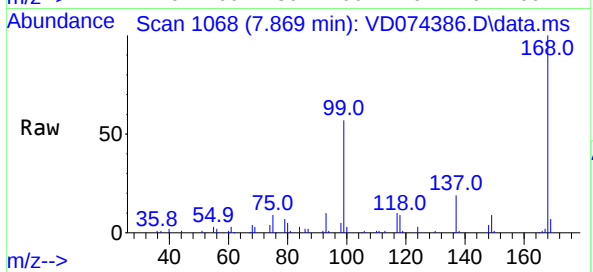
Lab File: VD074386.D

Acq: 21 Sep 2022 13:49

Instrument :

MSVOA_D

ClientSampleId :



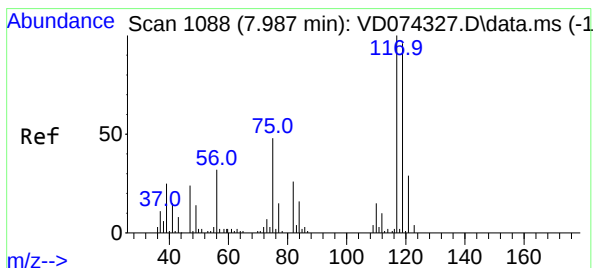
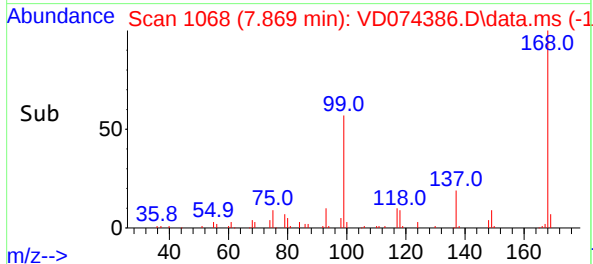
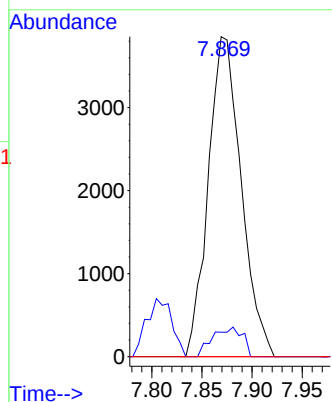
Tgt Ion: 75 Resp: 8801

Ion Ratio Lower Upper

75 100

110 8.4 17.5 52.5#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.384 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD074386.D

Acq: 21 Sep 2022 13:49

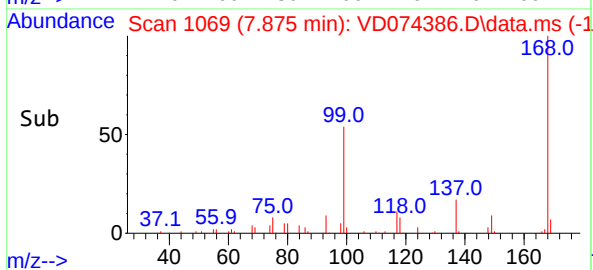
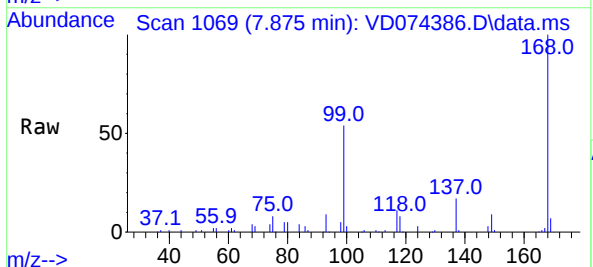
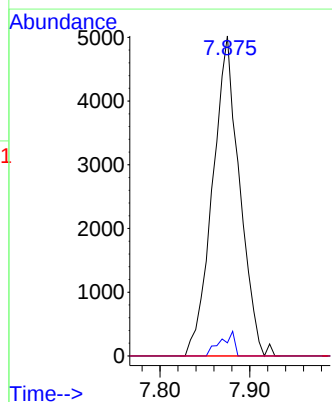
Tgt Ion: 117 Resp: 10484

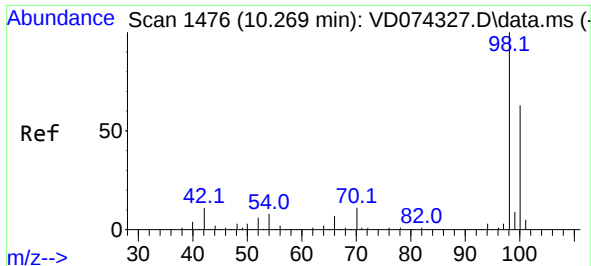
Ion Ratio Lower Upper

117 100

119 4.1 78.8 118.2#

121 0.0 23.9 35.9#

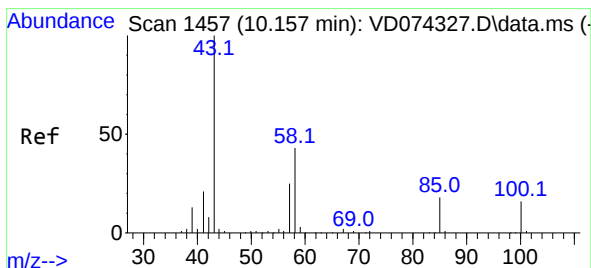
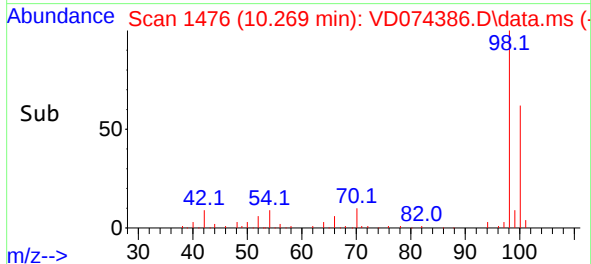
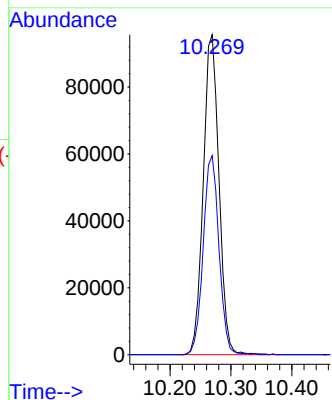
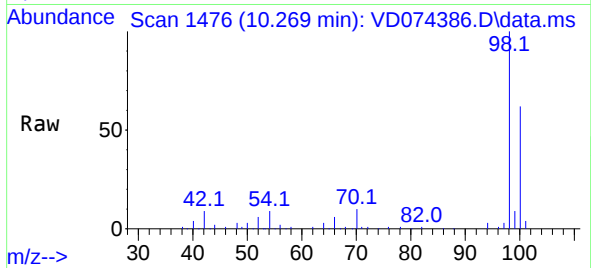




#50
Toluene-d8
Concen: 40.833 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074386.D
Acq: 21 Sep 2022 13:49

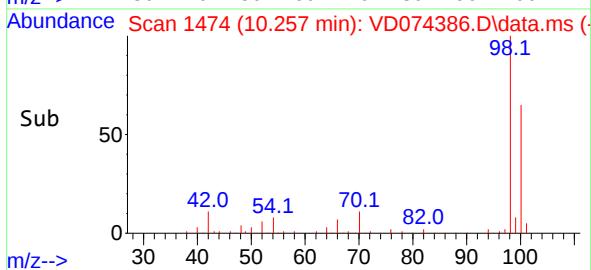
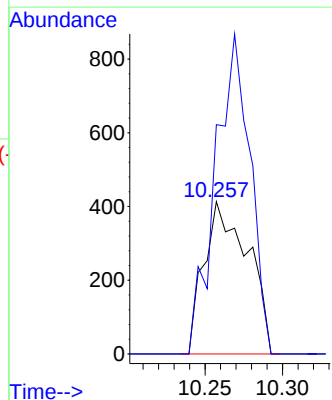
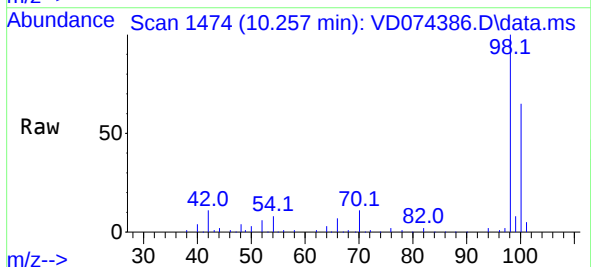
Instrument :
MSVOA_D
ClientSampleId :

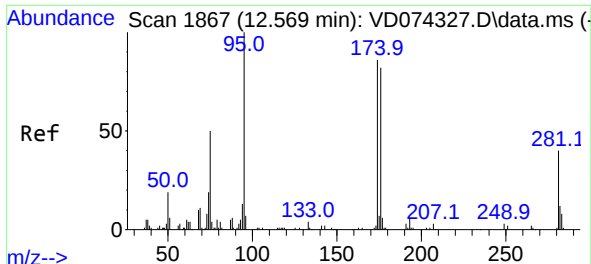
Tgt Ion: 98 Resp: 171031
Ion Ratio Lower Upper
98 100
100 62.6 51.8 77.8



#51
4-Methyl-2-Pentanone
Concen: 1.124 ug/l
RT: 10.257 min Scan# 1474
Delta R.T. 0.100 min
Lab File: VD074386.D
Acq: 21 Sep 2022 13:49

Tgt Ion: 43 Resp: 809
Ion Ratio Lower Upper
43 100
58 167.1 33.3 49.9#

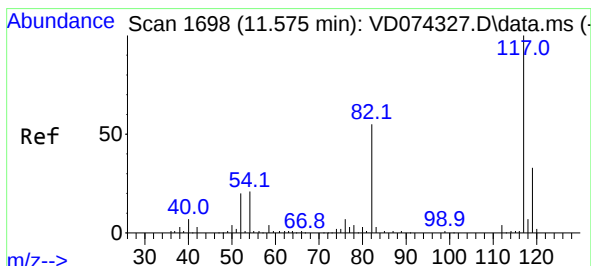
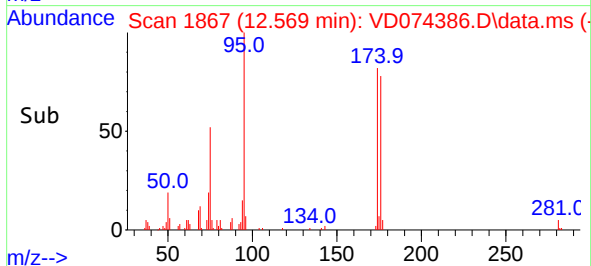
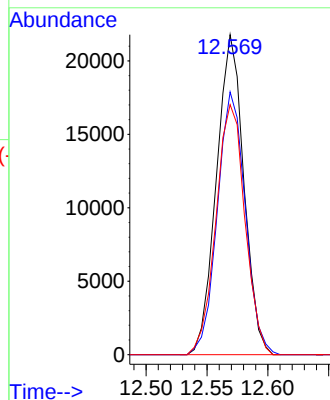
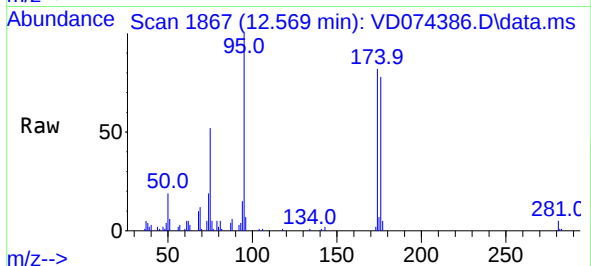




#62
4-Bromofluorobenzene
Concen: 20.637 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074386.D
Acq: 21 Sep 2022 13:49

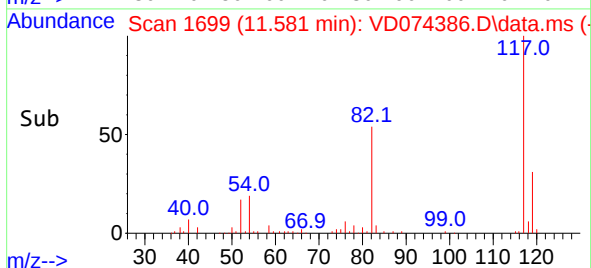
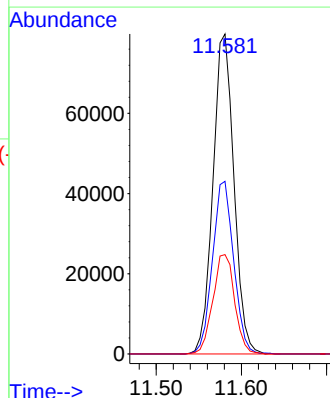
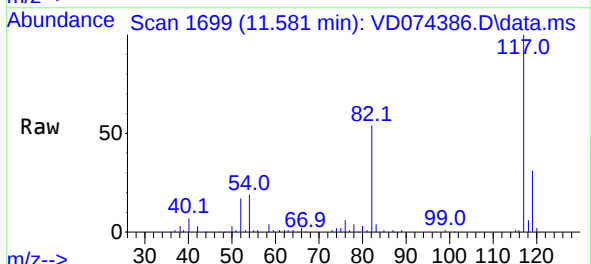
Instrument :
MSVOA_D
ClientSampleId :

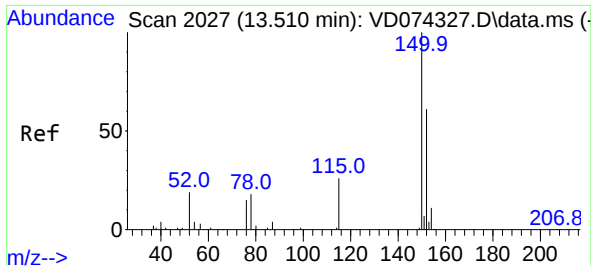
Tgt Ion:	95	Resp:	34059
Ion Ratio	Lower	Upper	
95	100		
174	83.7	0.0	179.2
176	82.7	0.0	171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074386.D
Acq: 21 Sep 2022 13:49

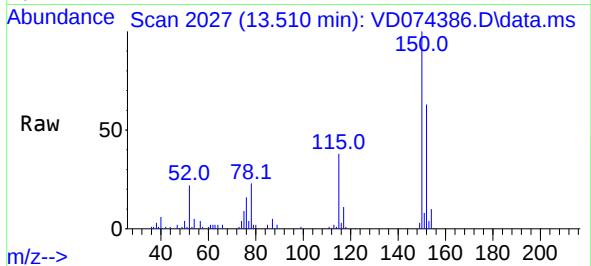
Tgt Ion:	117	Resp:	136536
Ion Ratio	Lower	Upper	
117	100		
82	53.9	44.2	66.2
119	31.1	25.4	38.0



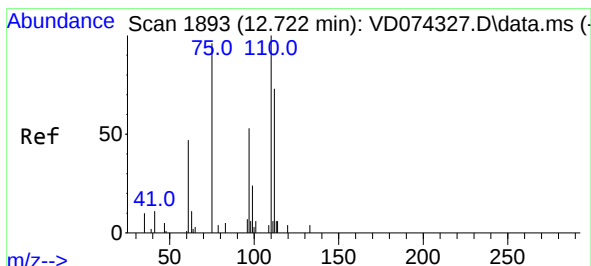
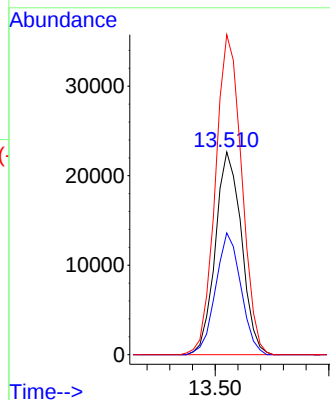
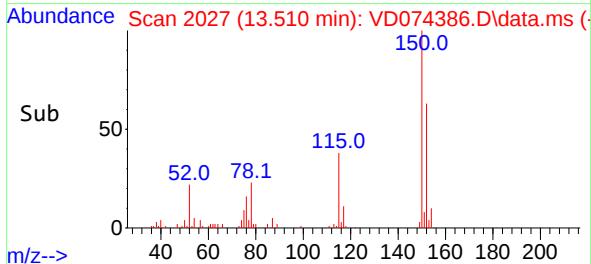


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074386.D
Acq: 21 Sep 2022 13:49

Instrument :
MSVOA_D
ClientSampleId :

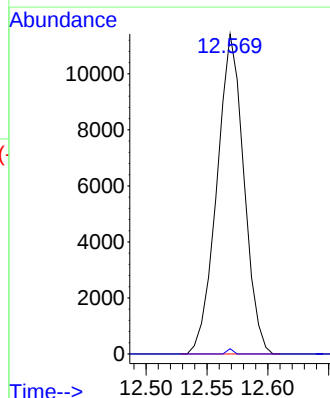
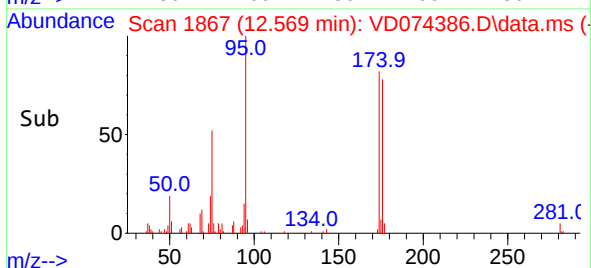
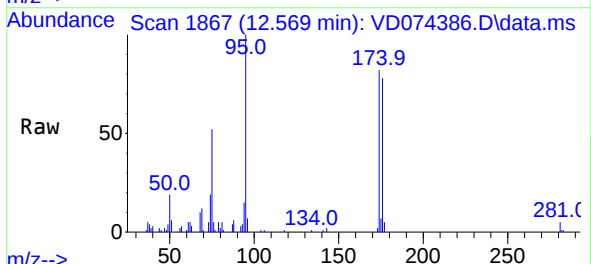


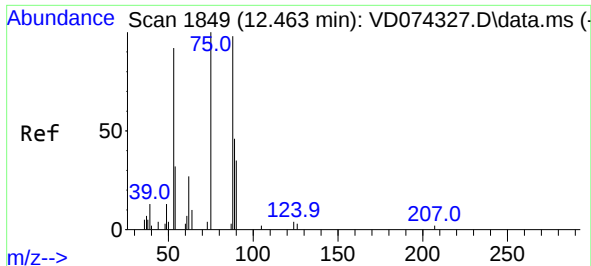
Tgt Ion:152 Resp: 36211
Ion Ratio Lower Upper
152 100
115 58.4 28.4 85.2
150 158.7 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 52.655 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074386.D
Acq: 21 Sep 2022 13:49

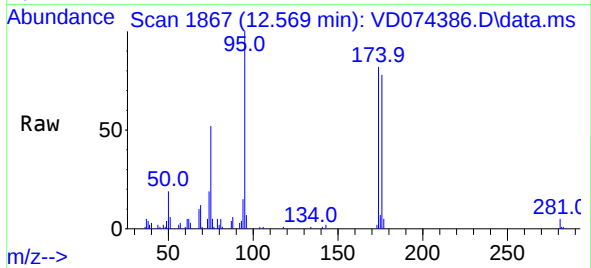
Tgt Ion: 75 Resp: 17641
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 131.966 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. 0.106 min
 Lab File: VD074386.D
 Acq: 21 Sep 2022 13:49

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	17641
Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

