

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111622\
 Data File : VD074954.D
 Acq On : 16 Nov 2022 17:42
 Operator : VA/SY
 Sample : N5642-09
 Misc : 6.75G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LEFT-SIDE-FLATS-29

Quant Time: Nov 17 00:21:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D111122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 14 00:51:58 2022
 Response via : Initial Calibration

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

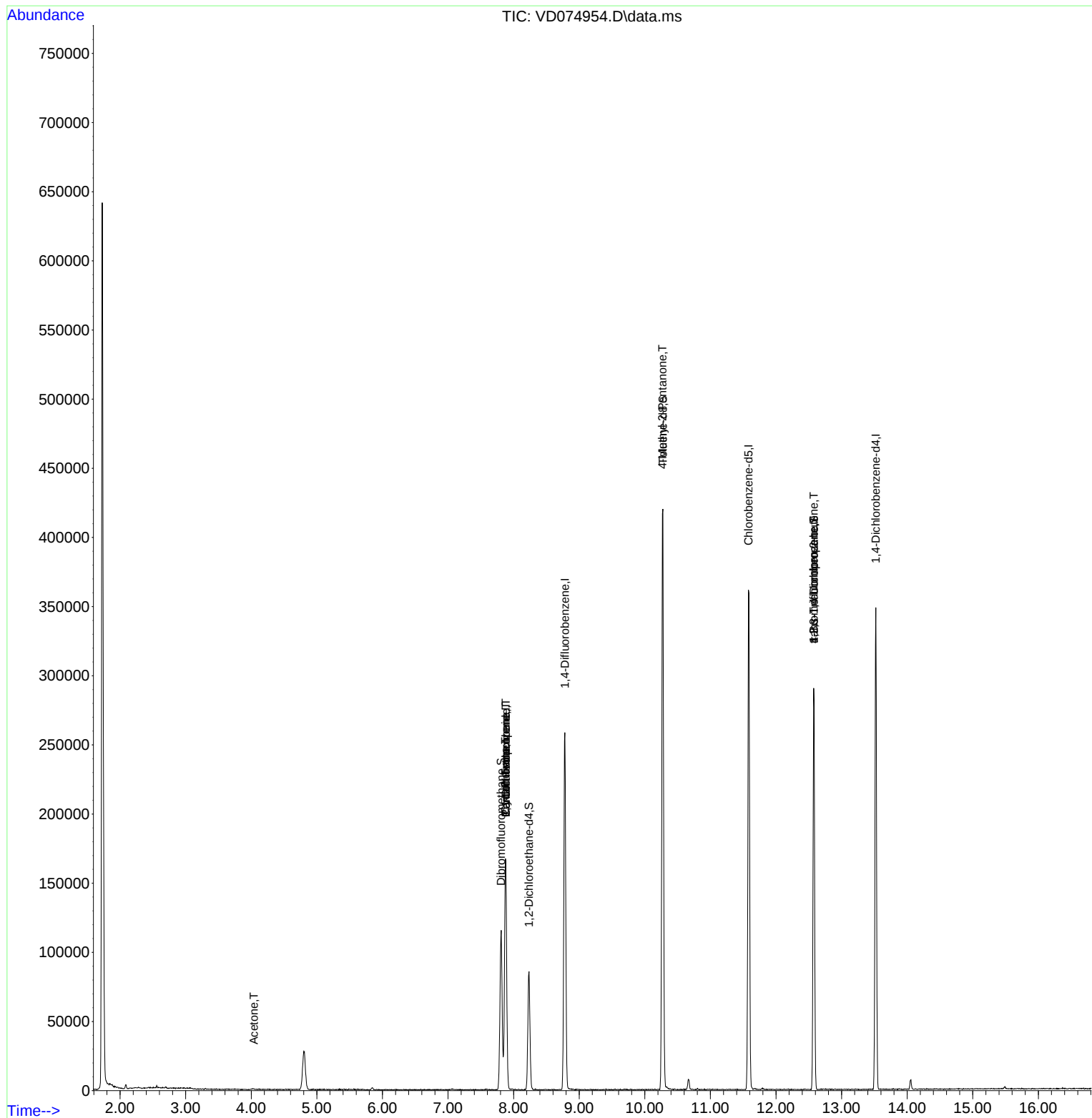
Internal Standards						
1) Pentafluorobenzene	7.881	168	138303	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	253211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	234124	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	99384	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	66506	75.377	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 150.760%	
35) Dibromofluoromethane	7.810	113	83444	53.460	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.920%	
50) Toluene-d8	10.275	98	310142	60.320	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 120.640%	
62) 4-Bromofluorobenzene	12.575	95	85776	54.330	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 108.660%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	275	Below Cal	#	37
5) Bromomethane	2.693	94	577	Below Cal		86
16) Acetone	4.040	43	1136	4.976	ug/l #	37
18) Methyl Acetate	4.569	43	53	Below Cal	#	44
20) Methylene Chloride	4.805	84	24319	Below Cal		94
31) Cyclohexane	7.875	56	2254	1.118	ug/l #	1
36) 1,1-Dichloropropene	7.881	75	9859	4.298	ug/l #	47
38) Carbon Tetrachloride	7.881	117	13007	6.024	ug/l #	18
51) 4-Methyl-2-Pentanone	10.269	43	870	1.346	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	42735	51.411	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	42735	126.472	ug/l #	17

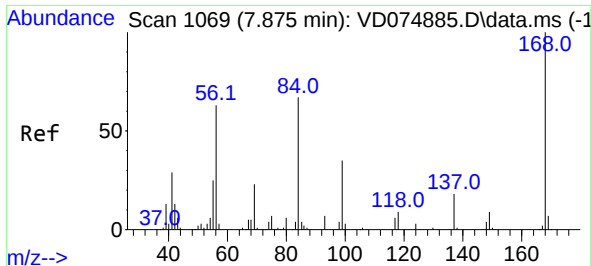
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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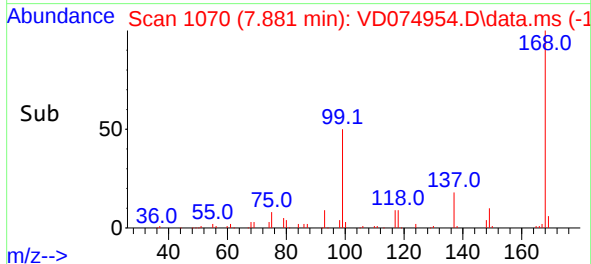
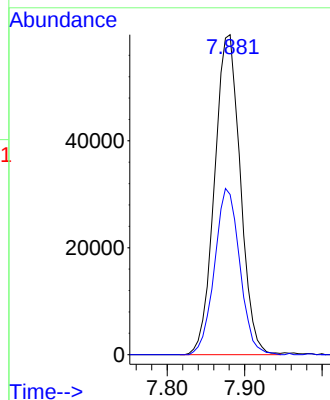
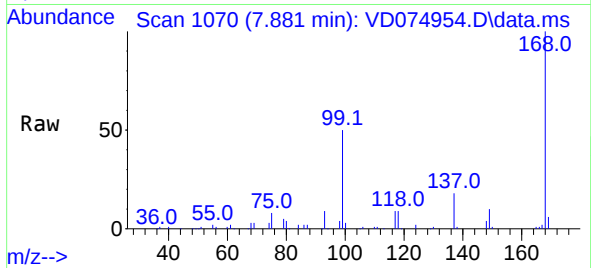




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD074954.D
Acq: 16 Nov 2022 17:42

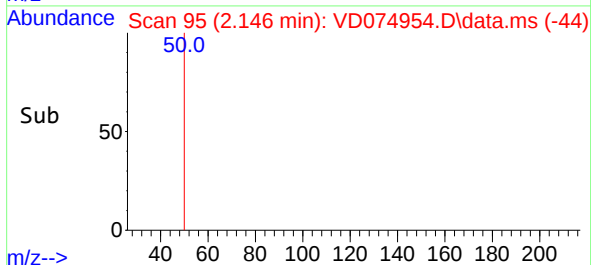
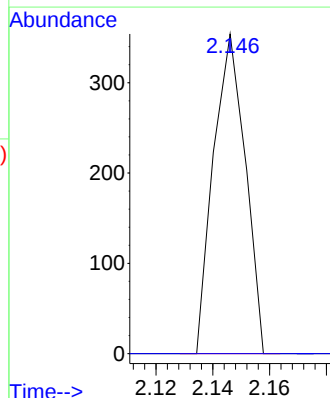
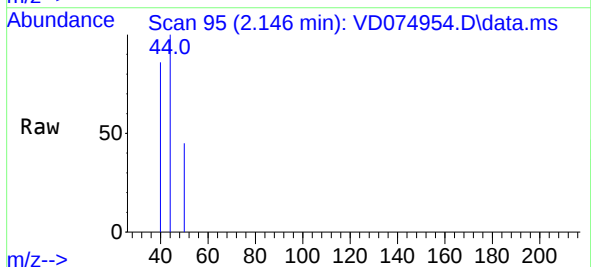
Instrument :
MSVOA_D
ClientSampleId :
LEFT-SIDE-FLATS-29

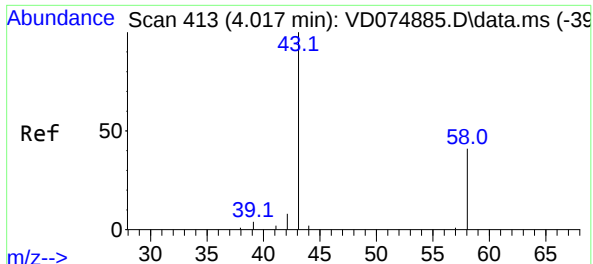
Tgt Ion:168 Resp: 138303
Ion Ratio Lower Upper
168 100
99 50.1 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD074954.D
Acq: 16 Nov 2022 17:42

Tgt Ion: 50 Resp: 275
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

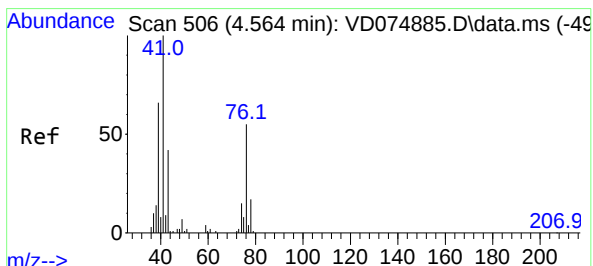
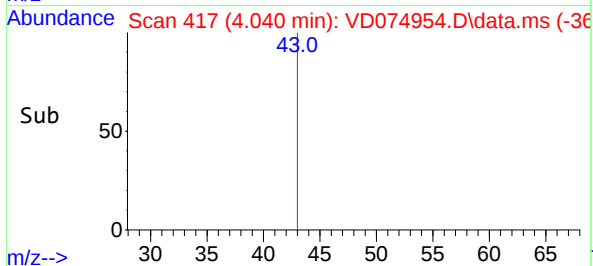
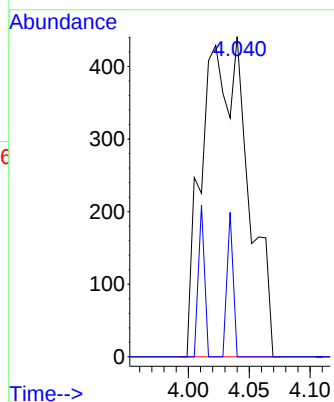
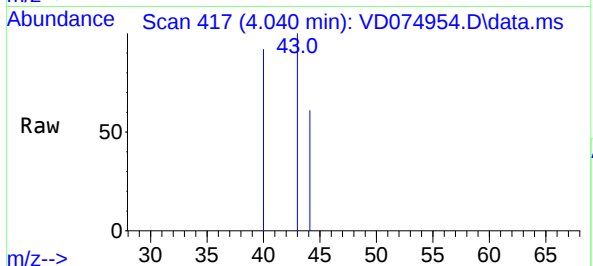




#16
Acetone
Concen: 4.976 ug/l
RT: 4.040 min Scan# 41
Delta R.T. 0.023 min
Lab File: VD074954.D
Acq: 16 Nov 2022 17:42

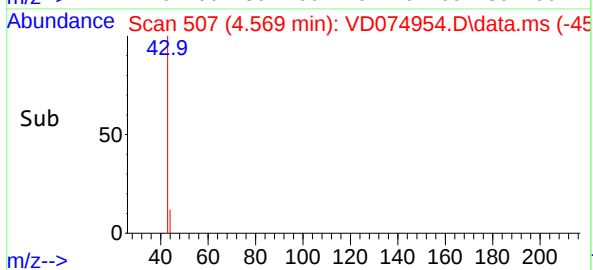
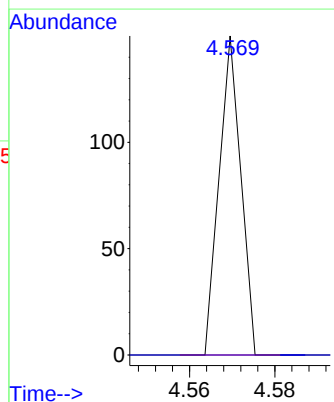
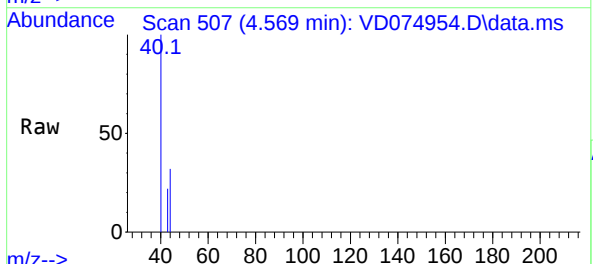
Instrument :
MSVOA_D
ClientSampleId :
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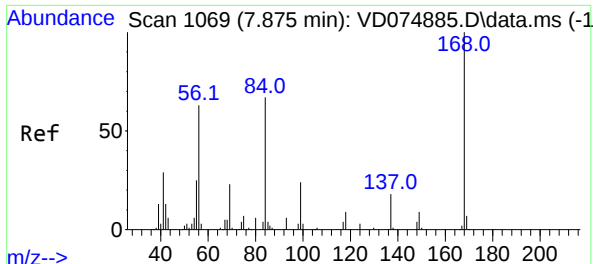
Tgt Ion: 43 Resp: 1136
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.569 min Scan# 507
Delta R.T. 0.005 min
Lab File: VD074954.D
Acq: 16 Nov 2022 17:42

Tgt Ion: 43 Resp: 53
Ion Ratio Lower Upper
43 100
74 0.0 24.7 37.1#

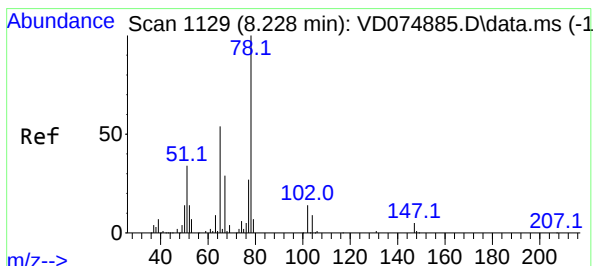
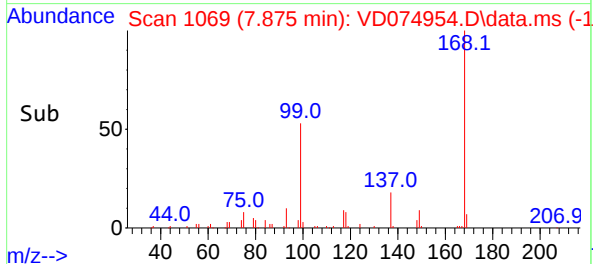
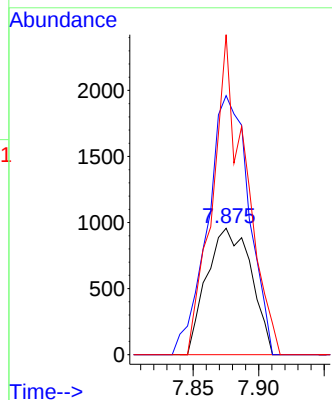
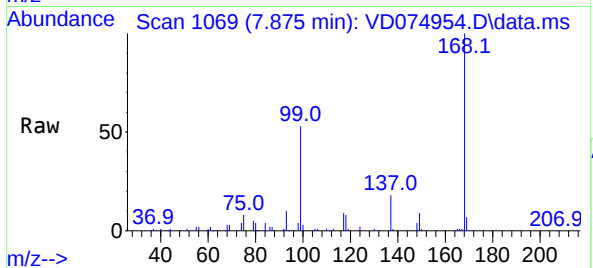




#31
Cyclohexane
Concen: 1.118 ug/l
RT: 7.875 min Scan# 110
Delta R.T. 0.000 min
Lab File: VD074954.D
Acq: 16 Nov 2022 17:42

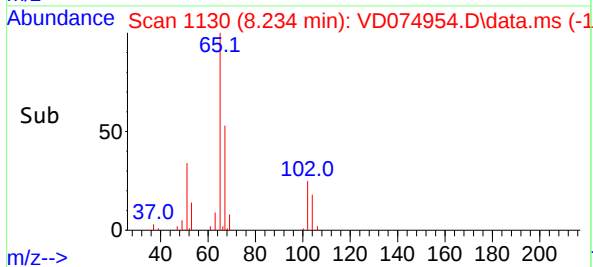
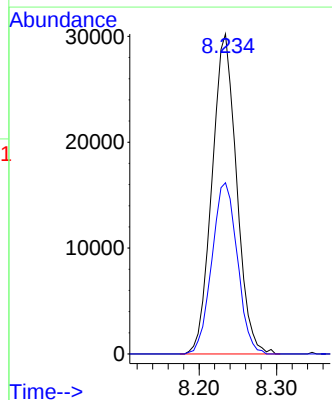
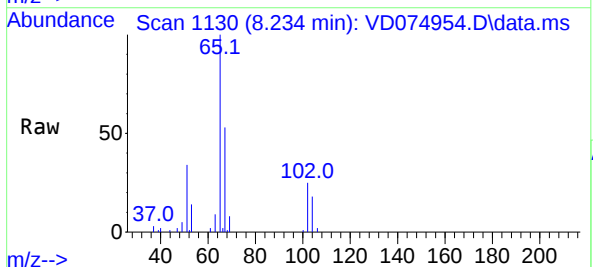
Instrument :
MSVOA_D
ClientSampleId :
LEFT-SIDE-FLATS-29

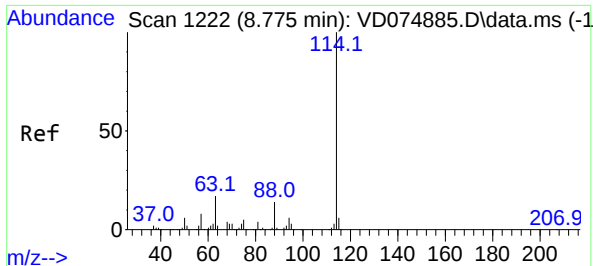
Tgt Ion: 56 Resp: 2254
Ion Ratio Lower Upper
56 100
69 205.1 29.2 43.8#
84 253.3 83.4 125.2#



#33
1,2-Dichloroethane-d4
Concen: 75.377 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074954.D
Acq: 16 Nov 2022 17:42

Tgt Ion: 65 Resp: 66506
Ion Ratio Lower Upper
65 100
67 55.5 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074954.D

Acq: 16 Nov 2022 17:42

Instrument :

MSVOA_D

ClientSampleId :

LEFT-SIDE-FLATS-29

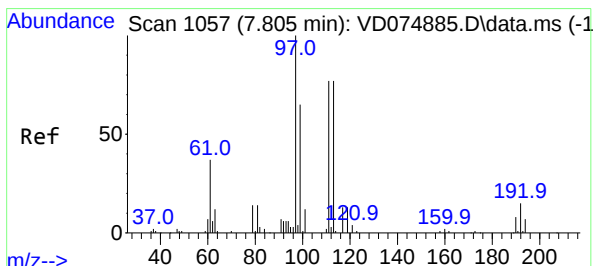
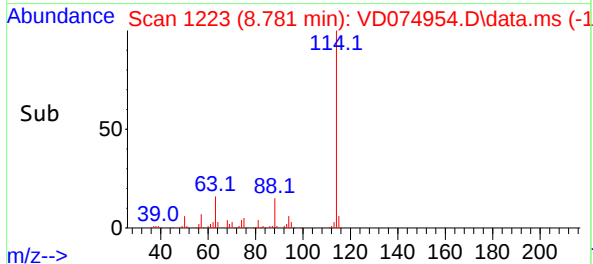
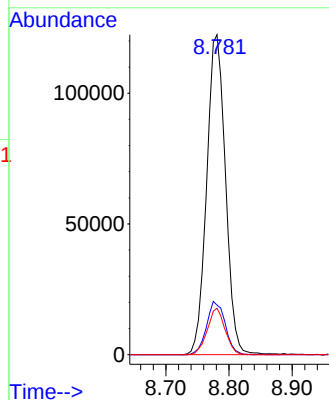
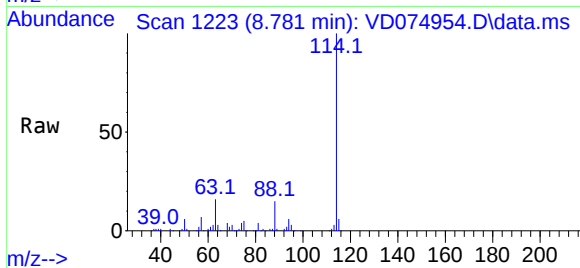
Tgt Ion:114 Resp: 253211

Ion Ratio Lower Upper

114 100

63 15.5 0.0 33.2

88 14.5 0.0 28.2



#35

Dibromofluoromethane

Concen: 53.460 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD074954.D

Acq: 16 Nov 2022 17:42

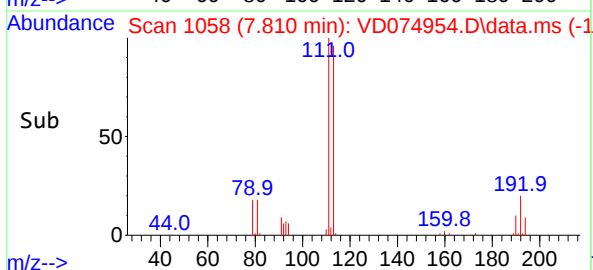
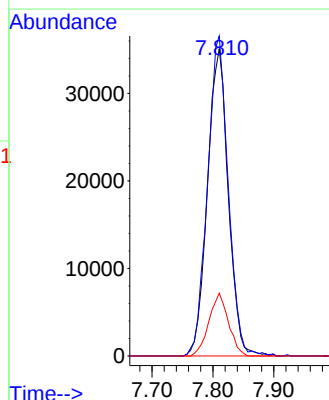
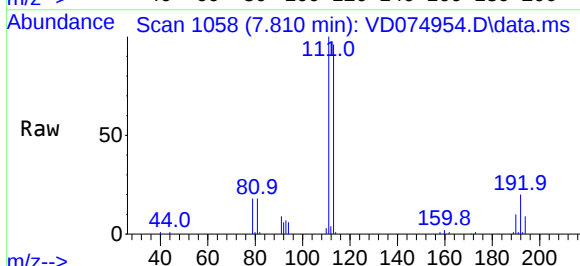
Tgt Ion:113 Resp: 83444

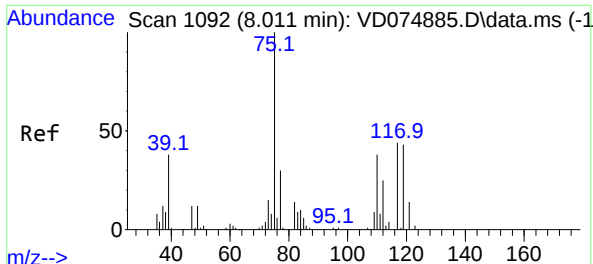
Ion Ratio Lower Upper

113 100

111 103.5 82.3 123.5

192 19.1 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.298 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.130 min

Lab File: VD074954.D

Acq: 16 Nov 2022 17:42

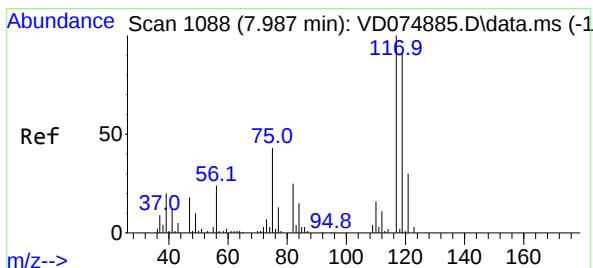
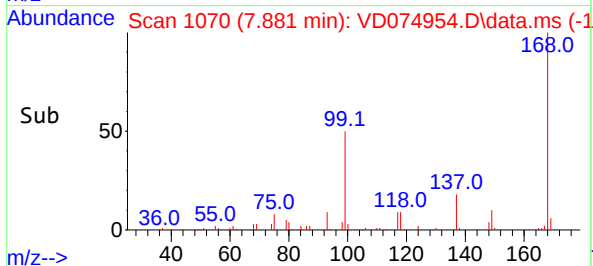
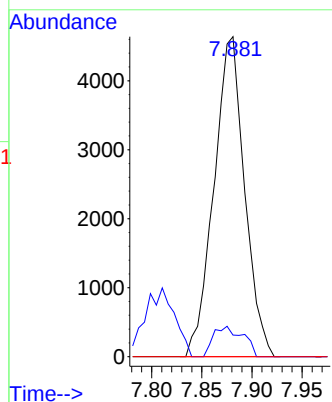
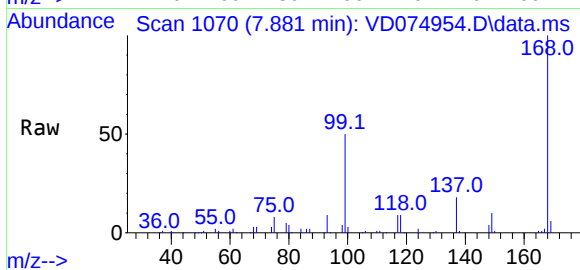
Instrument :

MSVOA_D

ClientSampleId :

LEFT-SIDE-FLATS-29

Tgt Ion:	75	Resp:	9859
Ion	Ratio	Lower	Upper
75	100		
110	9.2	19.7	59.0#
77	0.0	25.4	38.2#



#38

Carbon Tetrachloride

Concen: 6.024 ug/l

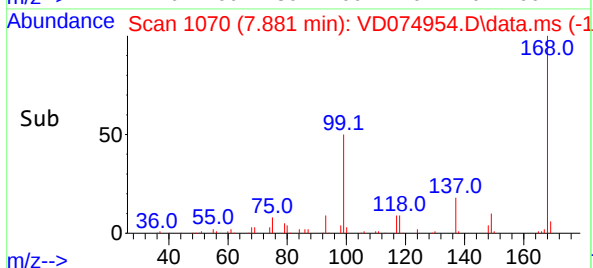
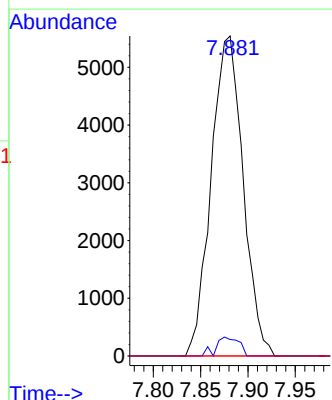
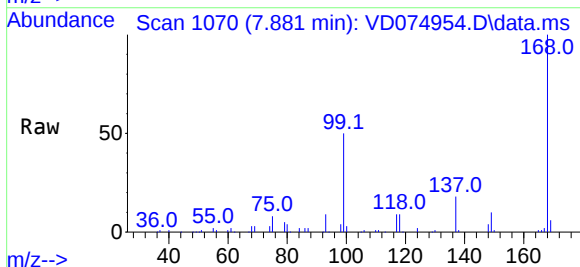
RT: 7.881 min Scan# 1070

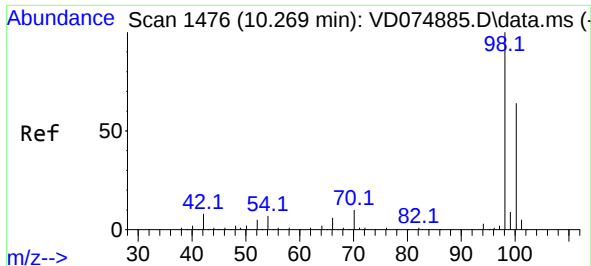
Delta R.T. -0.106 min

Lab File: VD074954.D

Acq: 16 Nov 2022 17:42

Tgt Ion:	117	Resp:	13007
Ion	Ratio	Lower	Upper
117	100		
119	5.2	73.1	109.7#
121	0.0	25.0	37.6#

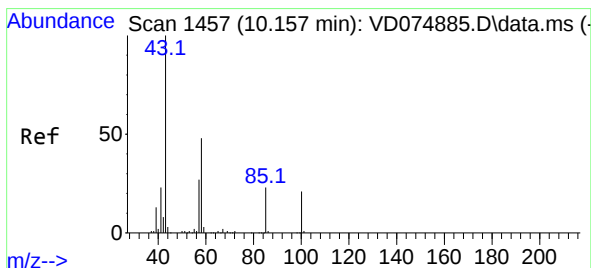
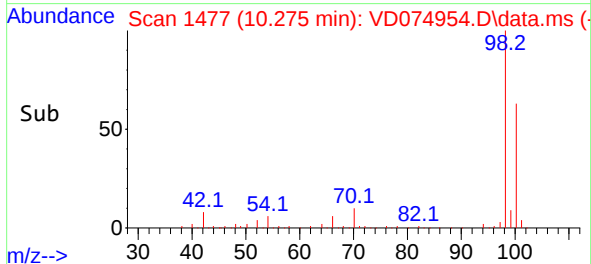
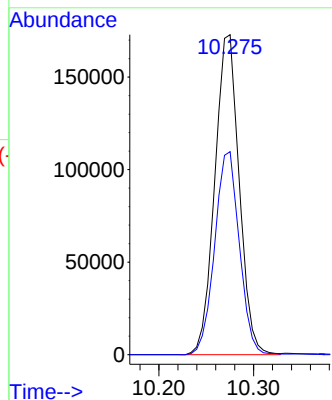
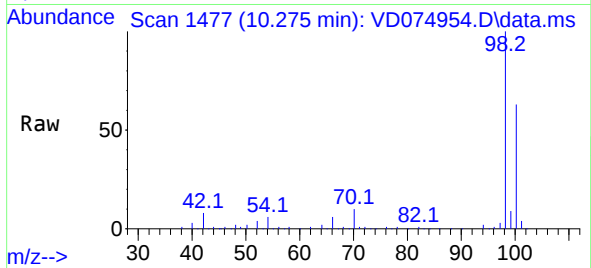




#50
Toluene-d8
Concen: 60.320 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD074954.D
Acq: 16 Nov 2022 17:42

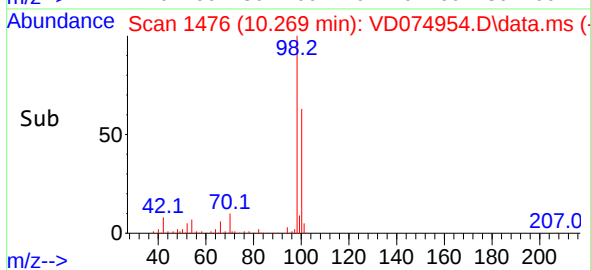
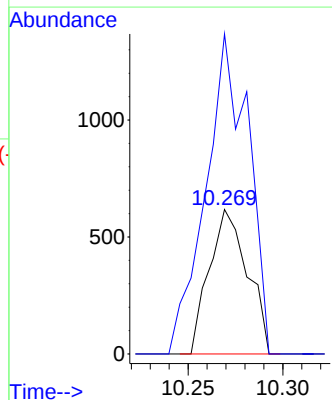
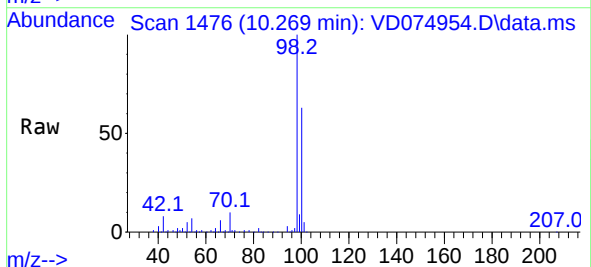
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LEFT-SIDE-FLATS-29

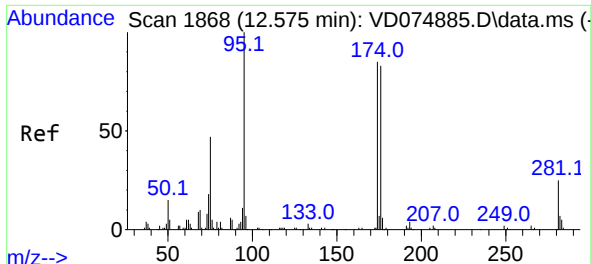
Tgt Ion: 98 Resp: 310142
Ion Ratio Lower Upper
98 100
100 64.0 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.346 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD074954.D
Acq: 16 Nov 2022 17:42

Tgt Ion: 43 Resp: 870
Ion Ratio Lower Upper
43 100
58 246.1 37.8 56.6#

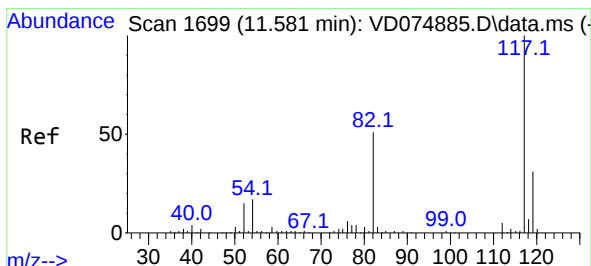
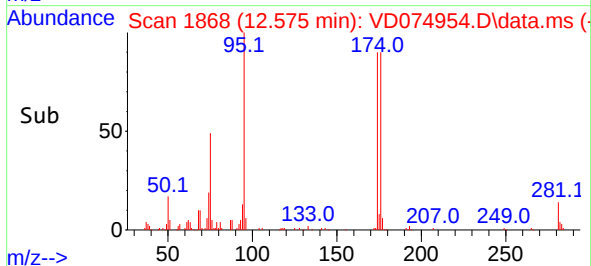
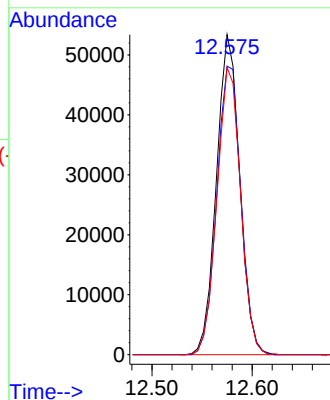
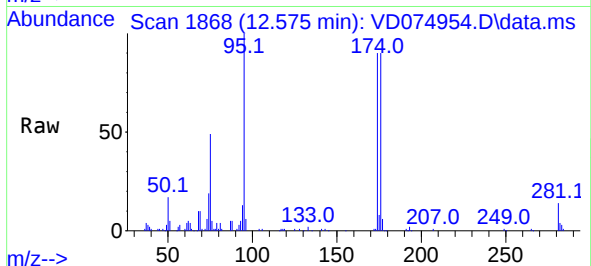




#62
4-Bromofluorobenzene
Concen: 54.330 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD074954.D
Acq: 16 Nov 2022 17:42

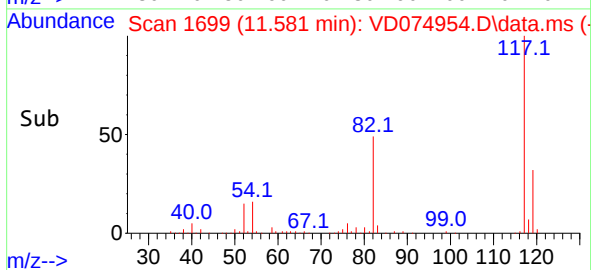
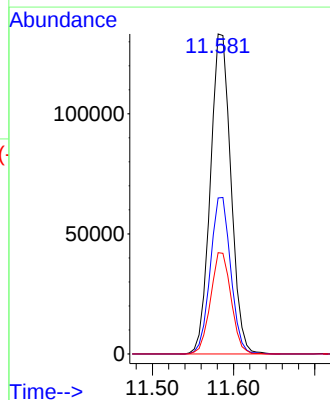
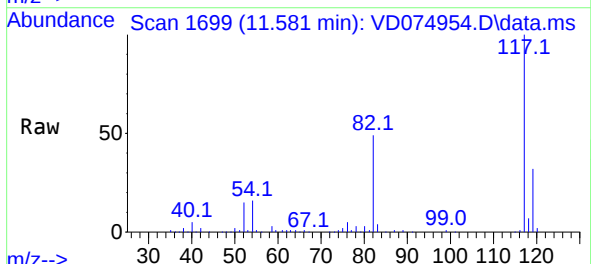
Instrument :
MSVOA_D
ClientSampleId :
LEFT-SIDE-FLATS-29

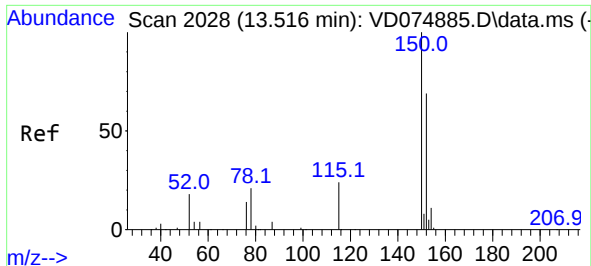
Tgt Ion: 95 Resp: 85776
Ion Ratio Lower Upper
95 100
174 93.8 0.0 197.0
176 91.1 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074954.D
Acq: 16 Nov 2022 17:42

Tgt Ion: 117 Resp: 234124
Ion Ratio Lower Upper
117 100
82 48.8 41.6 62.4
119 31.7 25.2 37.8

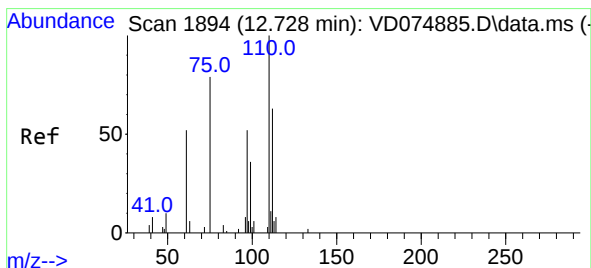
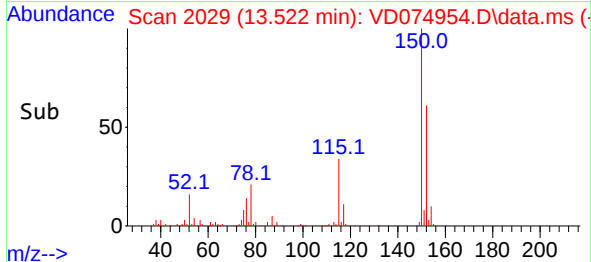
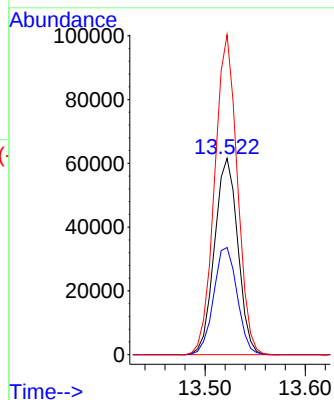
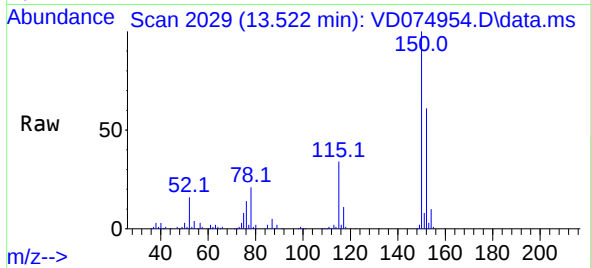




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074954.D
Acq: 16 Nov 2022 17:42

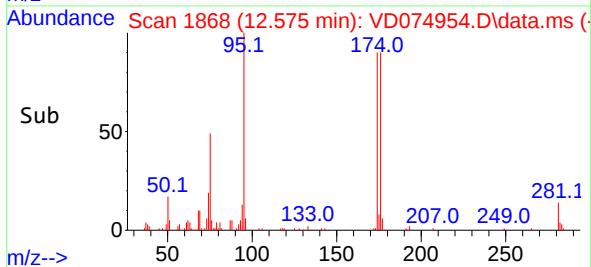
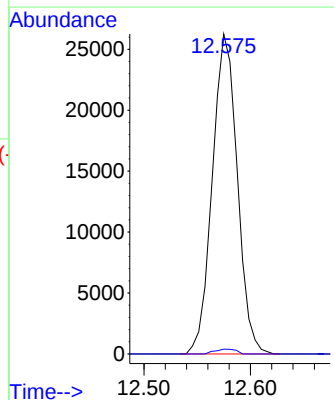
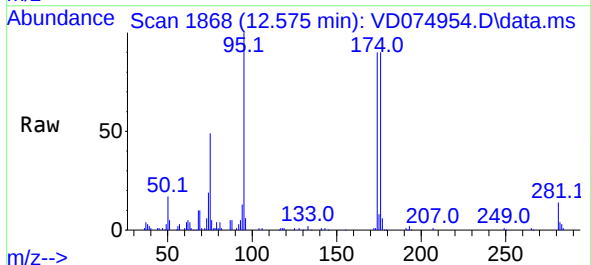
Instrument :
MSVOA_D
ClientSampleId :
LEFT-SIDE-FLATS-29

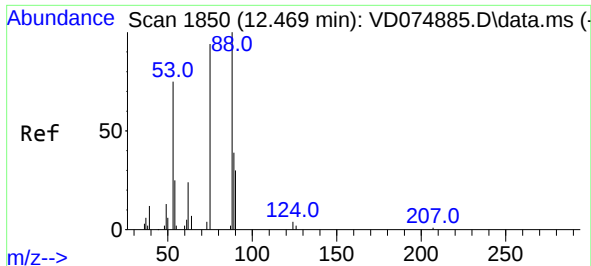
Tgt Ion:152 Resp: 99384
Ion Ratio Lower Upper
152 100
115 55.3 26.8 80.4
150 158.6 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 51.411 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD074954.D
Acq: 16 Nov 2022 17:42

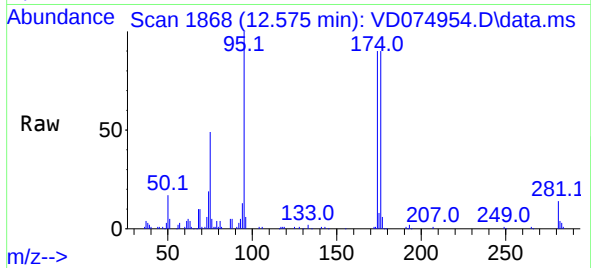
Tgt Ion: 75 Resp: 42735
Ion Ratio Lower Upper
75 100
77 1.3 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.472 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074954.D
 Acq: 16 Nov 2022 17:42

Instrument :
 MSVOA_D
 ClientSampleId :
 LEFT-SIDE-FLATS-29



Tgt Ion: 75 Resp: 42735
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.0 38.2 57.4#

