

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091922\
 Data File : VD074355.D
 Acq On : 19 Sep 2022 19:26
 Operator : VA/SY
 Sample : N4656-21
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3

Quant Time: Sep 19 23:02:54 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)

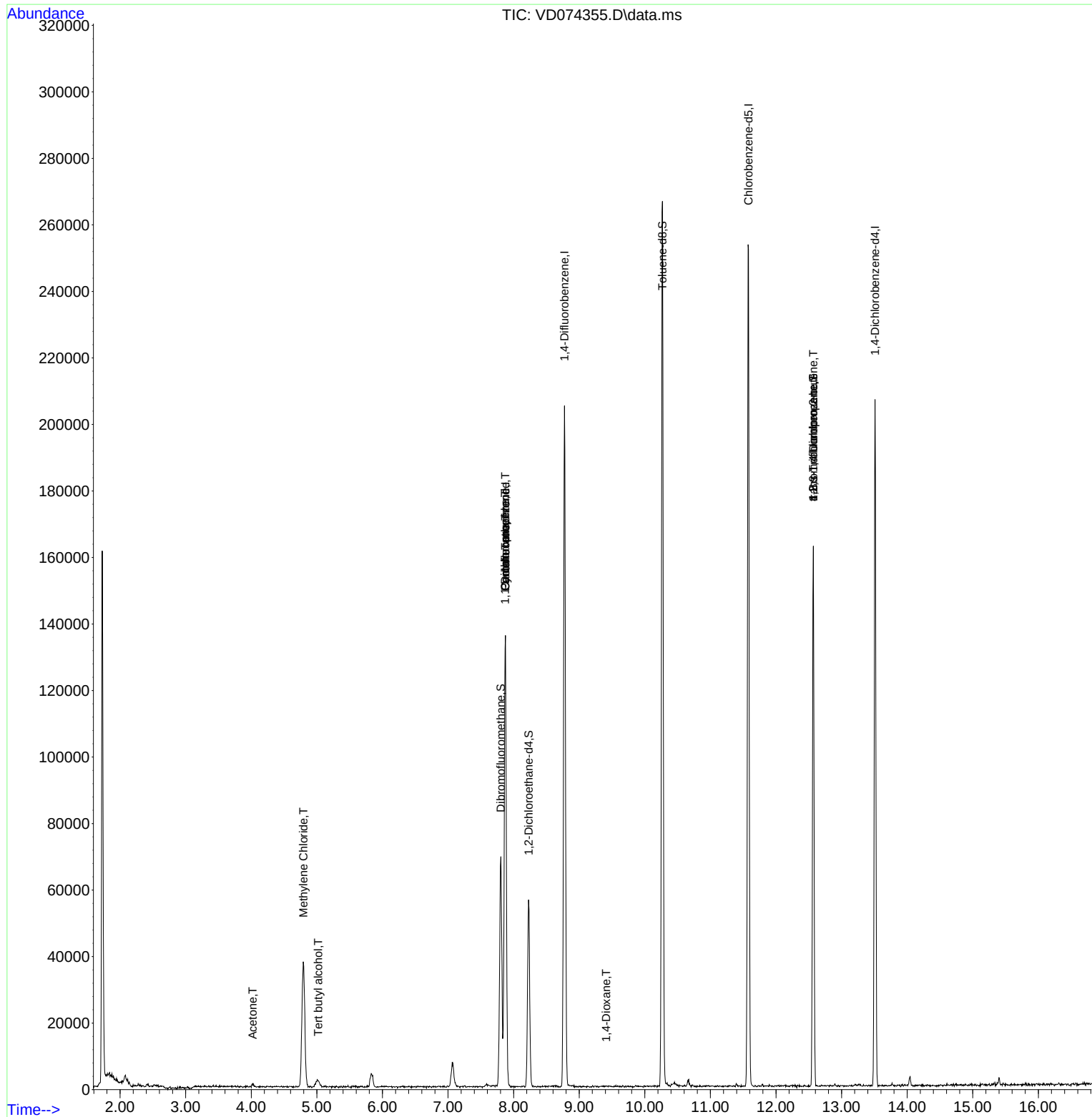
Internal Standards						
1) Pentafluorobenzene	7.875	168	104605	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	182395	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	153003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	56413	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	43760	42.949	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.900%
35) Dibromofluoromethane	7.805	113	49081	40.858	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.720%
50) Toluene-d8	10.269	98	189371	45.687	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.380%
62) 4-Bromofluorobenzene	12.569	95	47532	31.751	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	63.500%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.022	59	2774	40.288	ug/l #	74
16) Acetone	4.023	43	1333	5.807	ug/l #	53
20) Methylene Chloride	4.793	84	29272	14.107	ug/l	100
31) Cyclohexane	7.875	56	2346	1.098	ug/l #	1
36) 1,1-Dichloropropene	7.869	75	8237	4.492	ug/l #	51
38) Carbon Tetrachloride	7.875	117	10213	6.285	ug/l #	15
49) 1,4-Dioxane	9.410	88	61	8.380	ug/l #	24
76) 1,2,3-Trichloropropane	12.569	75	25204	48.288	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	25204	121.023	ug/l #	100

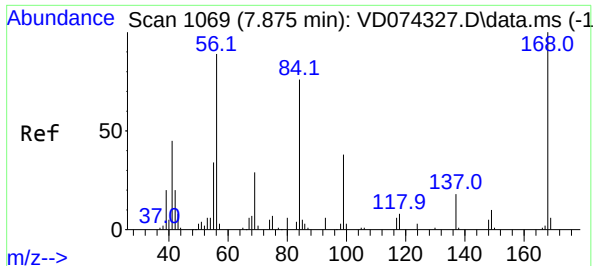
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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SP-3

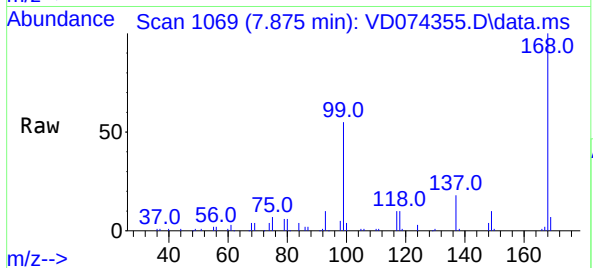
Quant Time: Sep 19 23:02:54 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 17 04:16:54 2022
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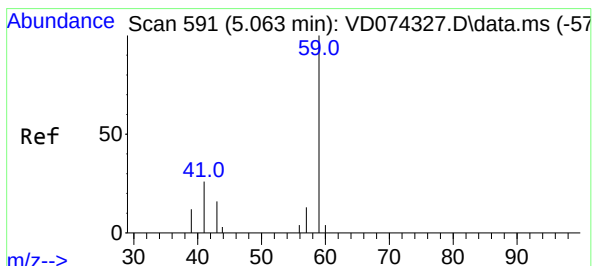
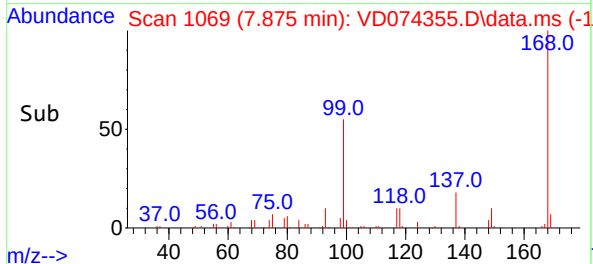
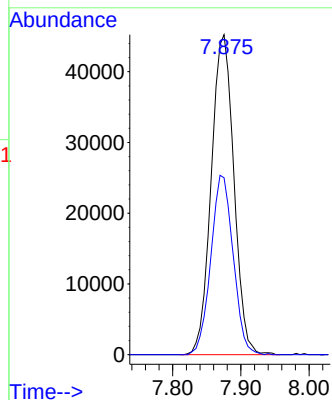


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074355.D
Acq: 19 Sep 2022 19:26

Instrument :
MSVOA_D
ClientSampleId :
SP-3

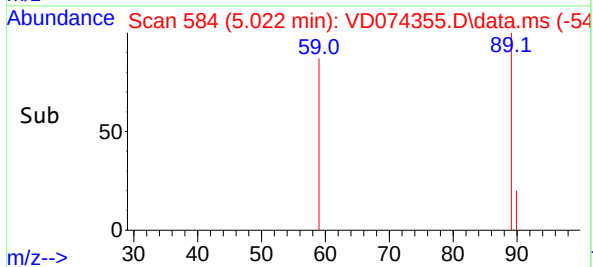
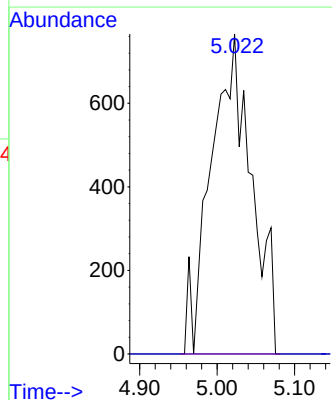
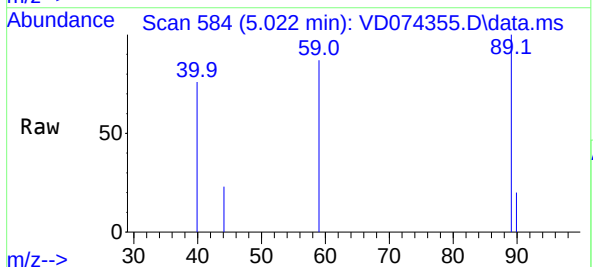


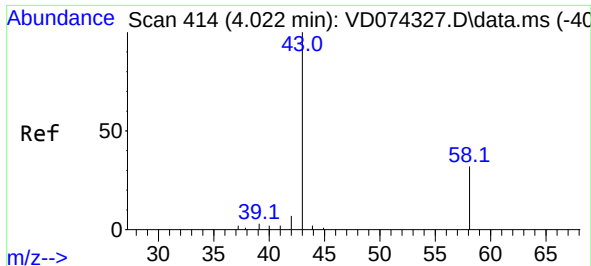
Tgt Ion:168 Resp: 104605
Ion Ratio Lower Upper
168 100
99 55.3 43.0 64.6



#11
Tert butyl alcohol
Concen: 40.288 ug/l
RT: 5.022 min Scan# 584
Delta R.T. -0.041 min
Lab File: VD074355.D
Acq: 19 Sep 2022 19:26

Tgt Ion: 59 Resp: 2774
Ion Ratio Lower Upper
59 100
57 0.0 7.7 11.5#

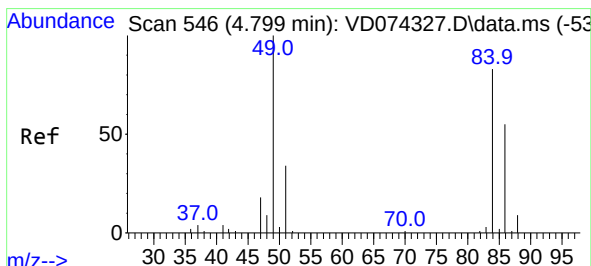
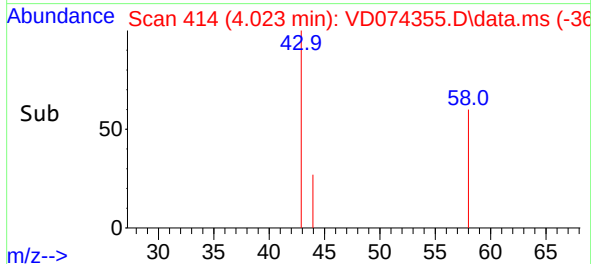
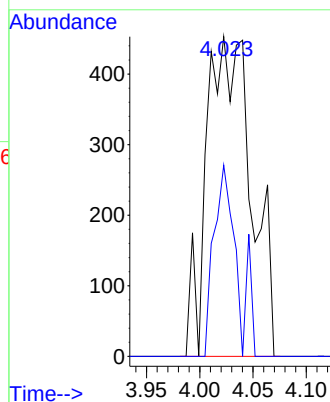
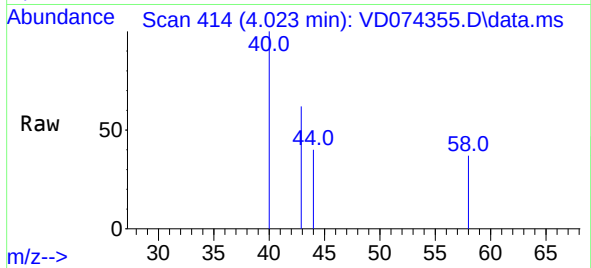




#16
Acetone
Concen: 5.807 ug/l
RT: 4.023 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD074355.D
Acq: 19 Sep 2022 19:26

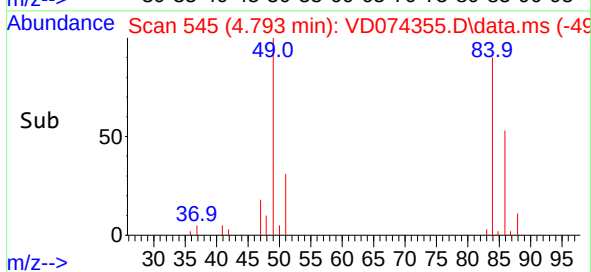
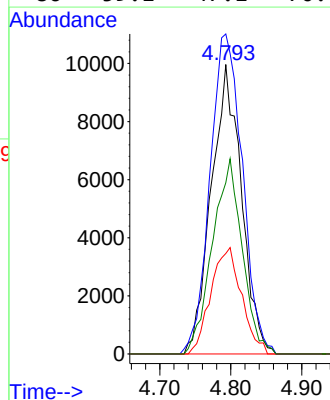
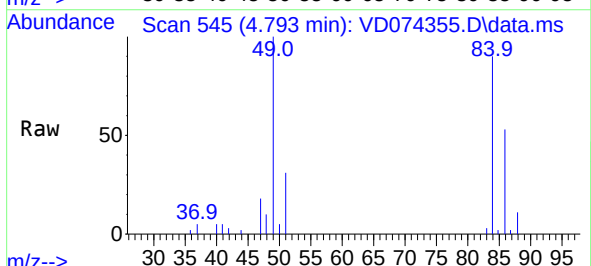
Instrument :
MSVOA_D
ClientSampleId :
SP-3

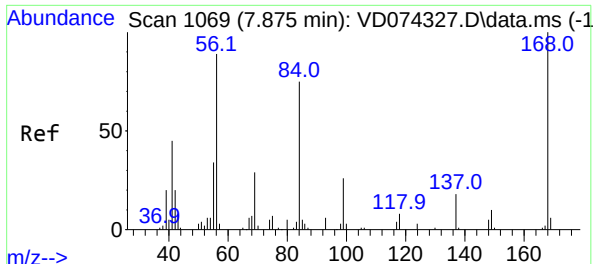
Tgt Ion: 43 Resp: 1333
Ion Ratio Lower Upper
43 100
58 59.8 26.4 39.6#



#20
Methylene Chloride
Concen: 14.107 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD074355.D
Acq: 19 Sep 2022 19:26

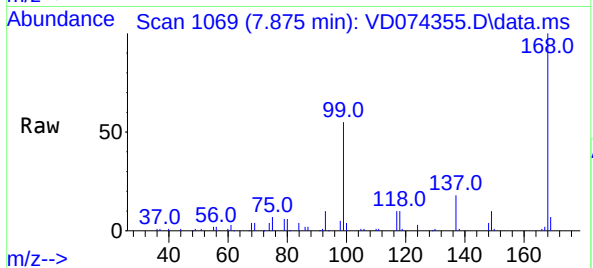
Tgt Ion: 84 Resp: 29272
Ion Ratio Lower Upper
84 100
49 110.5 88.4 132.6
51 34.7 28.0 42.0
86 59.1 47.1 70.7



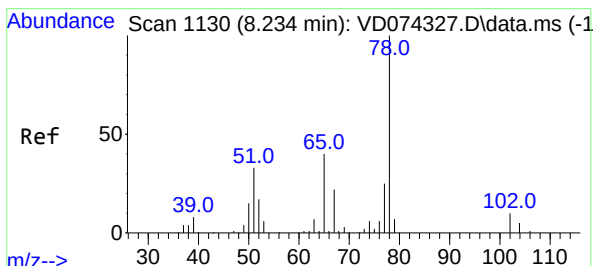
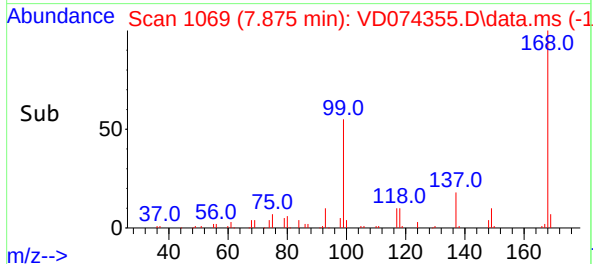
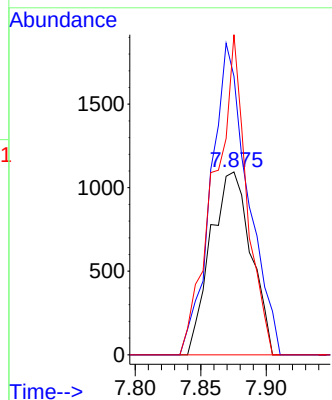


#31
Cyclohexane
Concen: 1.098 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. 0.000 min
Lab File: VD074355.D
Acq: 19 Sep 2022 19:26

Instrument :
MSVOA_D
ClientSampleId :
SP-3

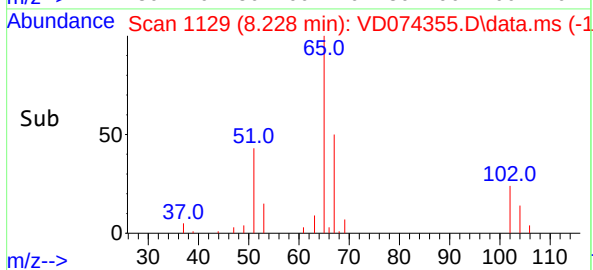
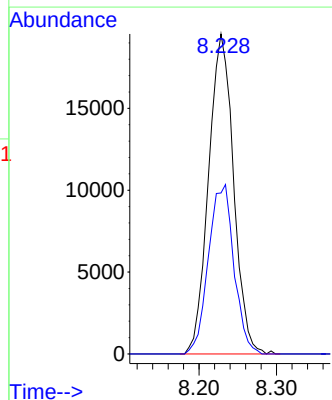
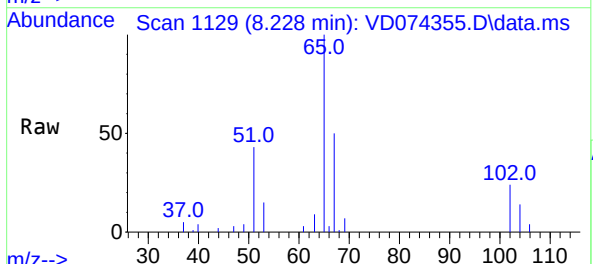


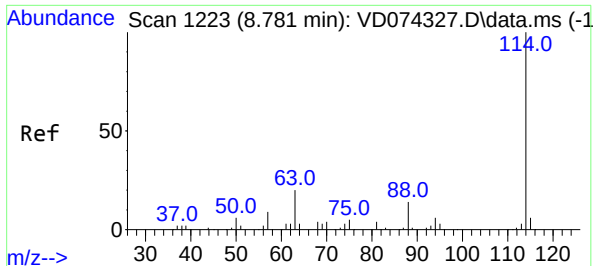
Tgt Ion: 56 Resp: 2346
Ion Ratio Lower Upper
56 100
69 152.4 25.7 38.5#
84 175.1 73.9 110.9#



#33
1,2-Dichloroethane-d4
Concen: 42.949 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD074355.D
Acq: 19 Sep 2022 19:26

Tgt Ion: 65 Resp: 43760
Ion Ratio Lower Upper
65 100
67 54.0 0.0 110.6

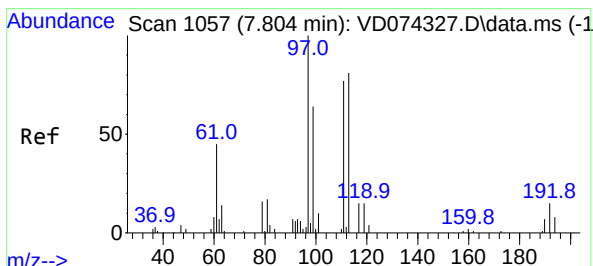
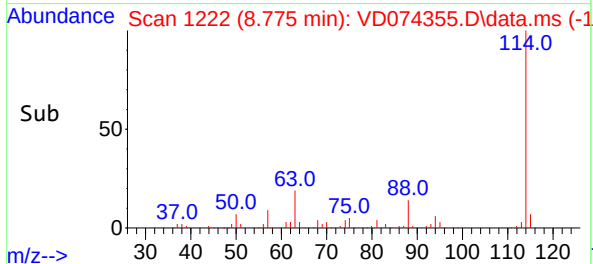
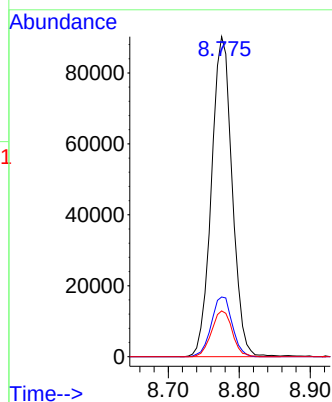
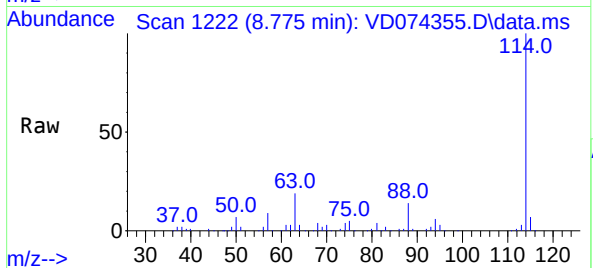




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074355.D
Acq: 19 Sep 2022 19:26

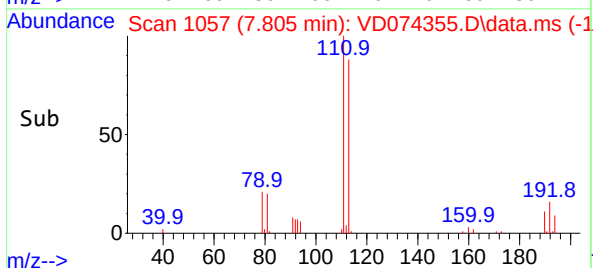
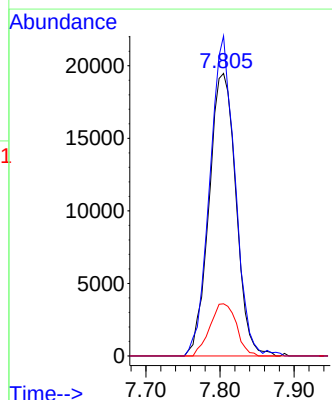
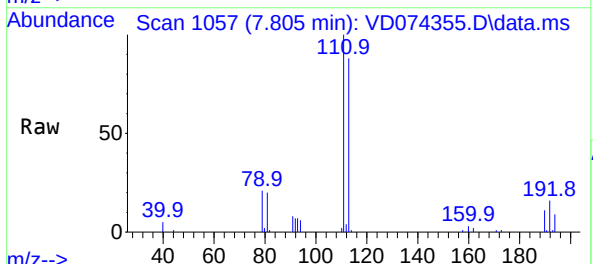
Instrument :
MSVOA_D
ClientSampleId :
SP-3

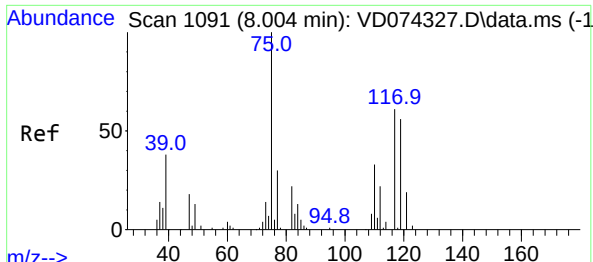
Tgt Ion:114 Resp: 182395
Ion Ratio Lower Upper
114 100
63 18.7 0.0 37.6
88 14.3 0.0 28.4



#35
Dibromofluoromethane
Concen: 40.858 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. 0.001 min
Lab File: VD074355.D
Acq: 19 Sep 2022 19:26

Tgt Ion:113 Resp: 49081
Ion Ratio Lower Upper
113 100
111 106.3 83.0 124.6
192 18.2 16.2 24.2





#36

1,1-Dichloropropene

Concen: 4.492 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VD074355.D

Acq: 19 Sep 2022 19:26

Instrument :

MSVOA_D

ClientSampleId :

SP-3

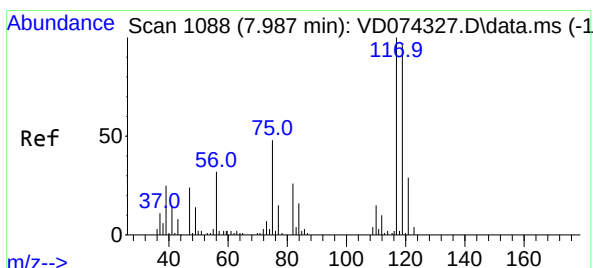
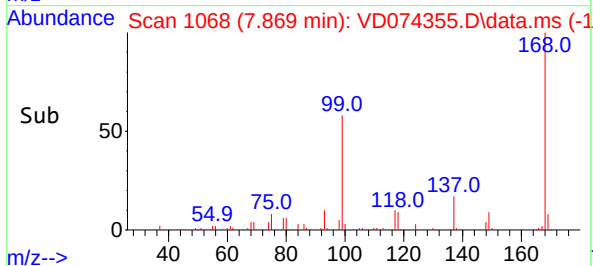
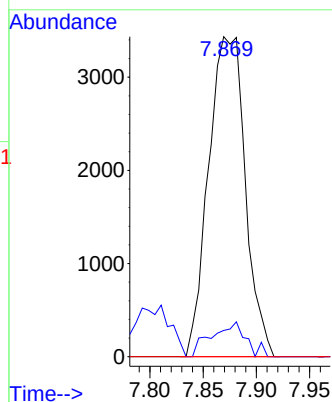
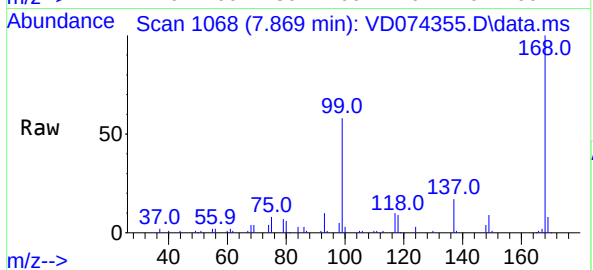
Tgt Ion: 75 Resp: 8237

Ion Ratio Lower Upper

75 100

110 10.1 17.5 52.5#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 6.285 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD074355.D

Acq: 19 Sep 2022 19:26

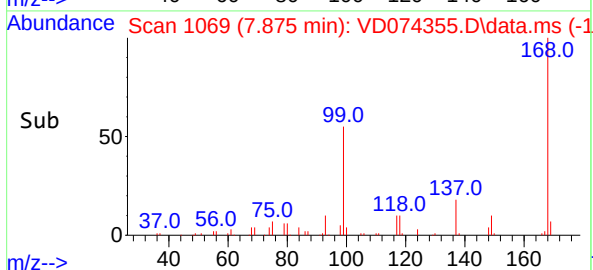
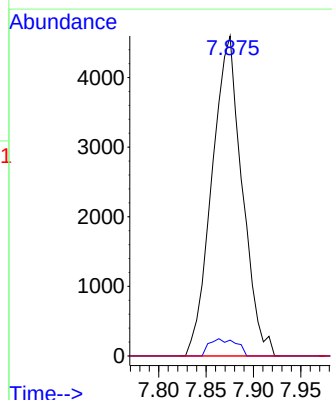
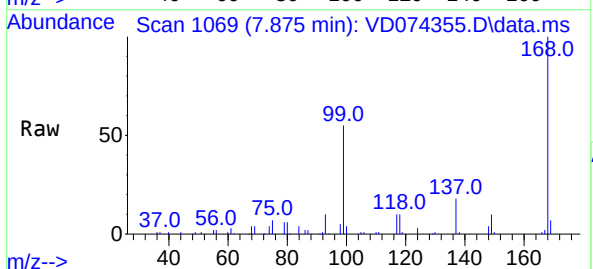
Tgt Ion: 117 Resp: 10213

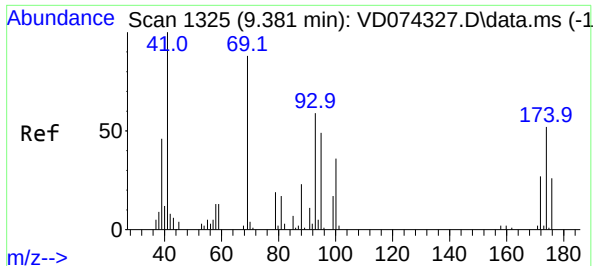
Ion Ratio Lower Upper

117 100

119 4.9 78.8 118.2#

121 0.0 23.9 35.9#

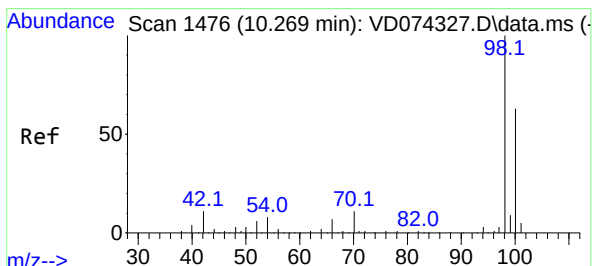
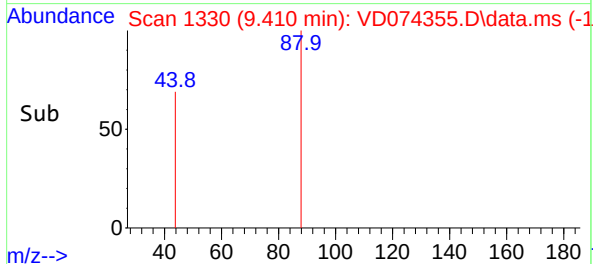
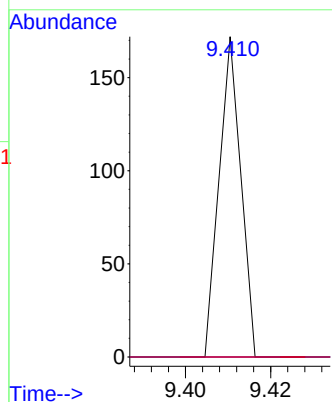
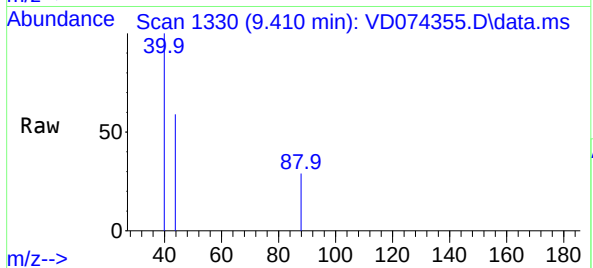




#49
1,4-Dioxane
Concen: 8.380 ug/l
RT: 9.410 min Scan# 11
Delta R.T. 0.029 min
Lab File: VD074355.D
Acq: 19 Sep 2022 19:26

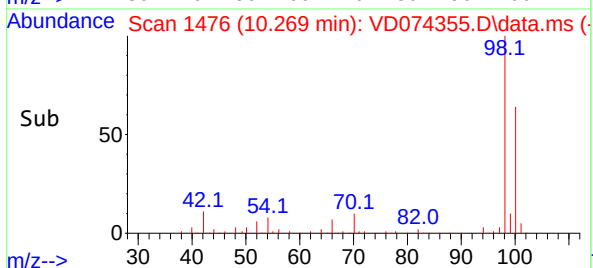
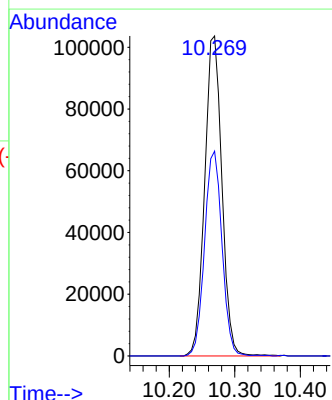
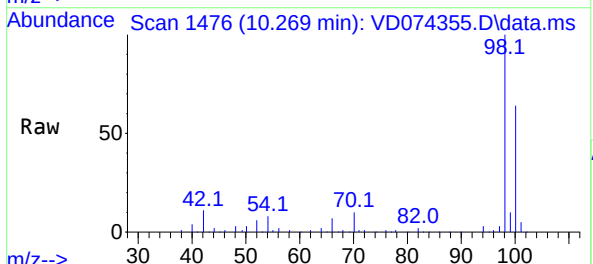
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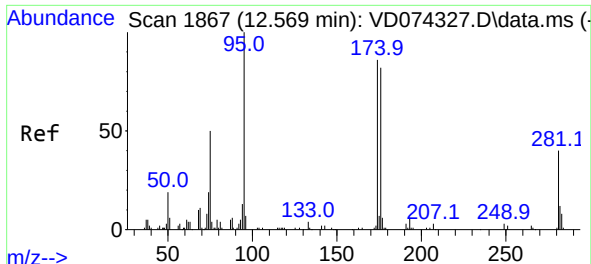
Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 0.0 27.0 40.4#
58 0.0 54.2 81.2#



#50
Toluene-d8
Concen: 45.687 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074355.D
Acq: 19 Sep 2022 19:26

Tgt Ion: 98 Resp: 189371
Ion Ratio Lower Upper
98 100
100 64.8 51.8 77.8

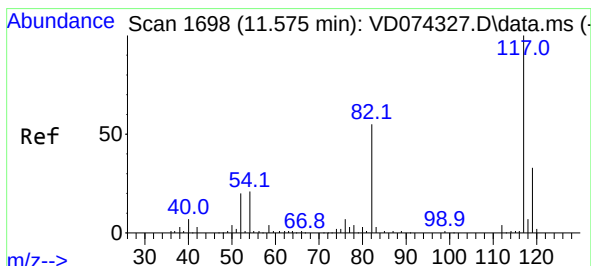
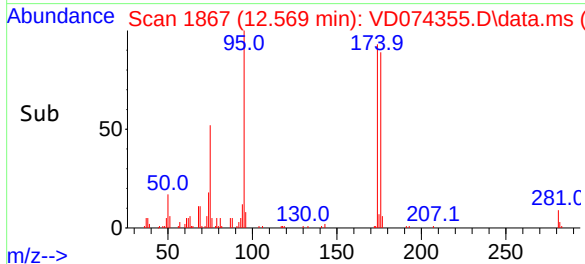
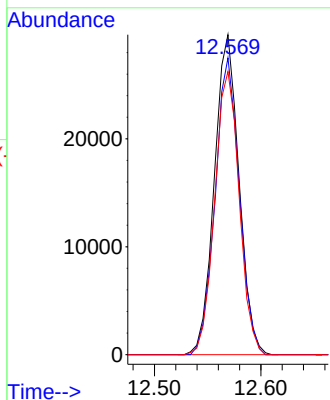
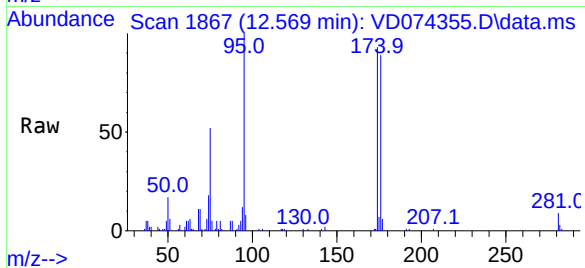




#62
4-Bromofluorobenzene
Concen: 31.751 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD074355.D
Acq: 19 Sep 2022 19:26

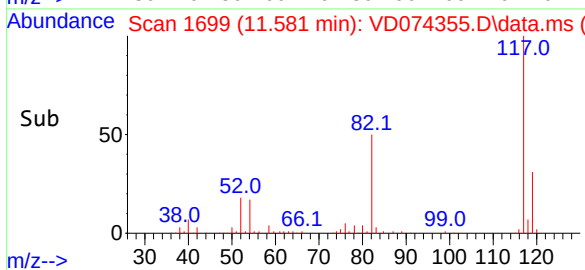
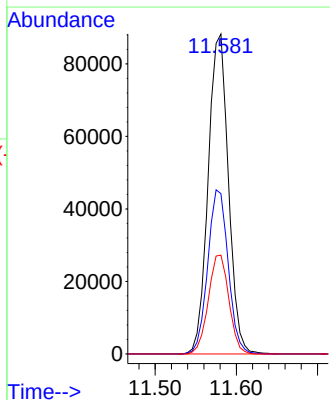
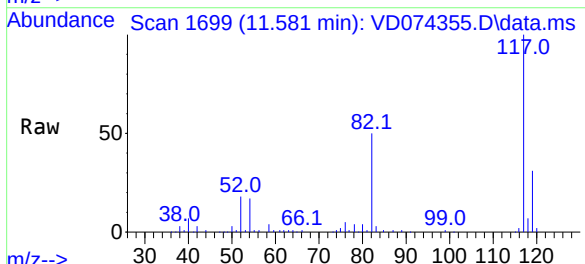
Instrument :
MSVOA_D
ClientSampleId :
SP-3

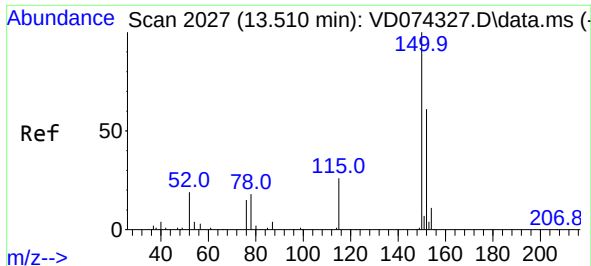
Tgt Ion: 95 Resp: 47532
Ion Ratio Lower Upper
95 100
174 91.2 0.0 179.2
176 88.0 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074355.D
Acq: 19 Sep 2022 19:26

Tgt Ion: 117 Resp: 153003
Ion Ratio Lower Upper
117 100
82 50.1 44.2 66.2
119 30.9 25.4 38.0

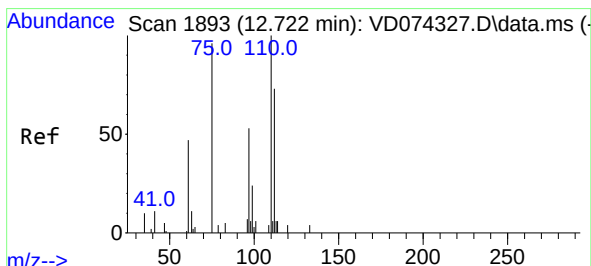
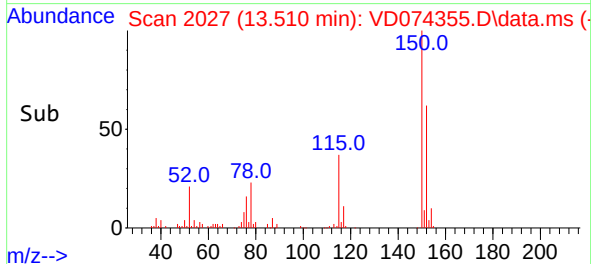
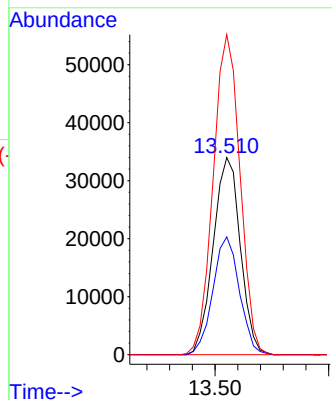
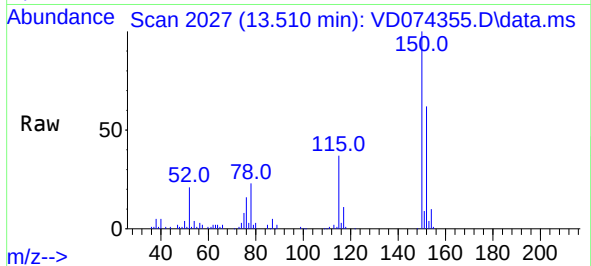




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 20
Delta R.T. 0.000 min
Lab File: VD074355.D
Acq: 19 Sep 2022 19:26

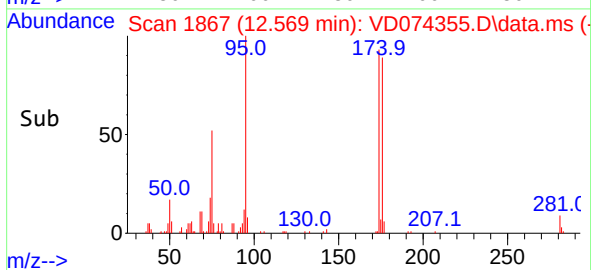
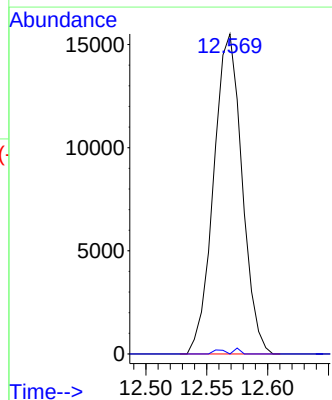
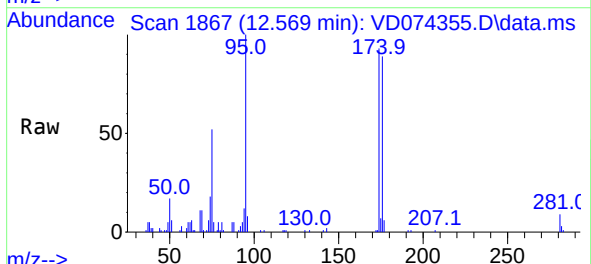
Instrument :
MSVOA_D
ClientSampleId :
SP-3

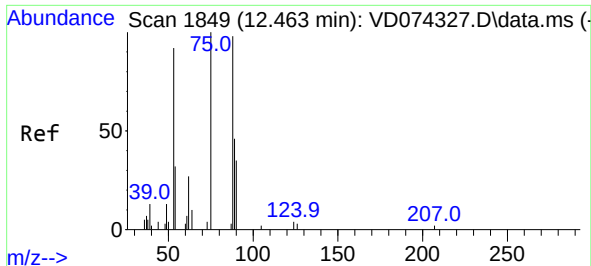
Tgt Ion:152 Resp: 56413
Ion Ratio Lower Upper
152 100
115 58.4 28.4 85.2
150 160.6 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 48.288 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074355.D
Acq: 19 Sep 2022 19:26

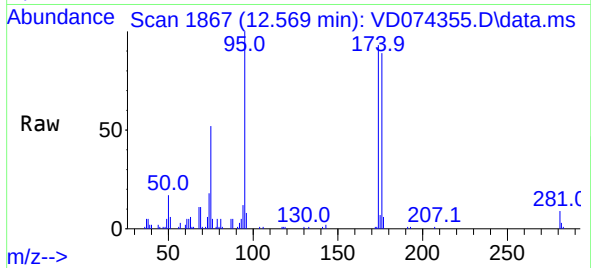
Tgt Ion: 75 Resp: 25204
Ion Ratio Lower Upper
75 100
77 0.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.023 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074355.D
 Acq: 19 Sep 2022 19:26

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-3



Tgt Ion:	75	Resp:	25204
Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0
89	0.0	0.0	0.0

