

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091922\
 Data File : VD074349.D
 Acq On : 19 Sep 2022 15:18
 Operator : VA/SY
 Sample : N4640-03
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11930

Quant Time: Sep 19 23:01:53 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)

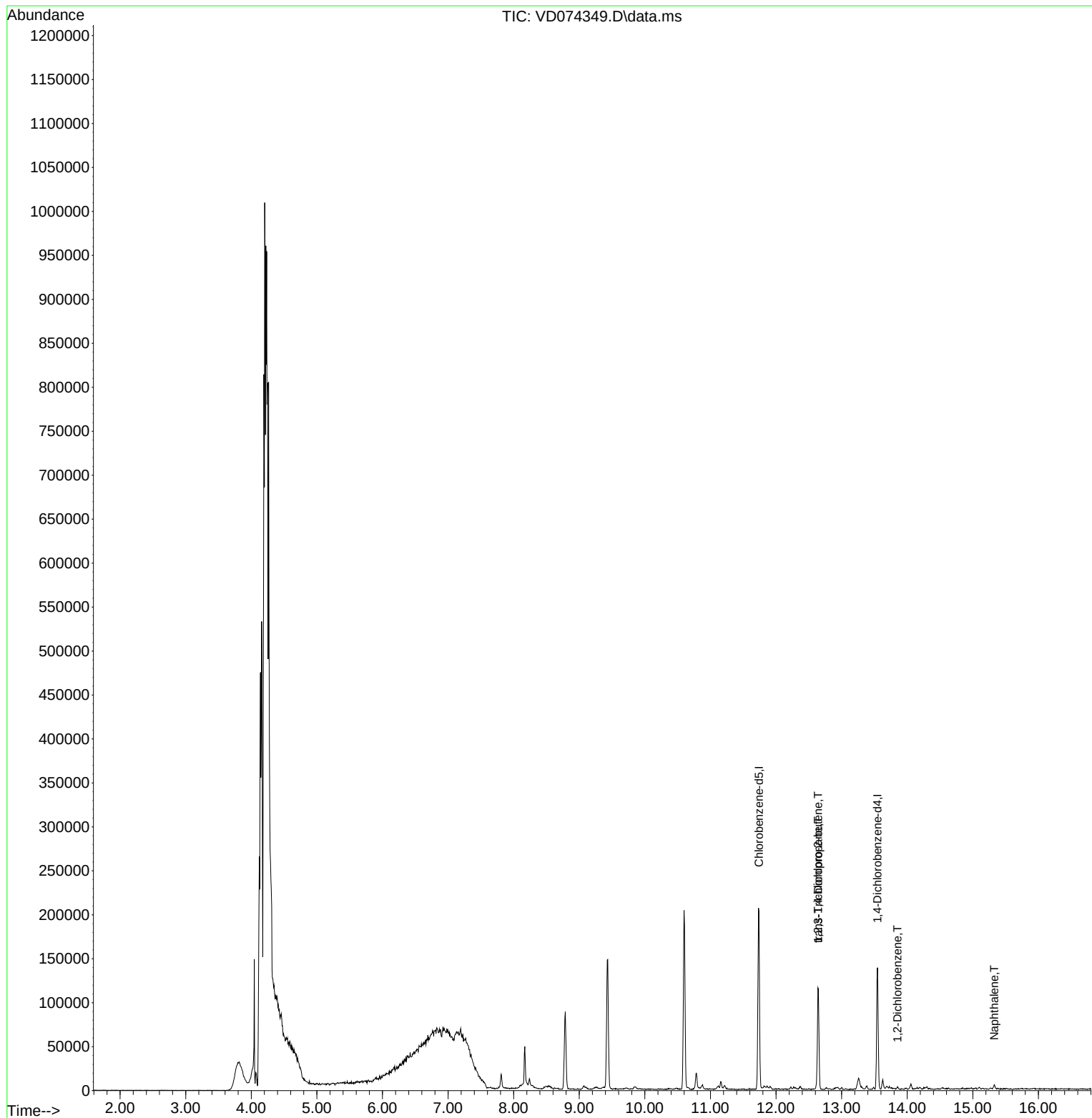
Internal Standards						
1) Pentafluorobenzene	0.000	168	0	0.000	ug/l	-7.88
34) 1,4-Difluorobenzene	0.000	114	0	0.000	ug/l	-8.78
63) Chlorobenzene-d5	11.740	117	116970	50.000	ug/l	0.16
72) 1,4-Dichlorobenzene-d4	13.545	152	37252	50.000	ug/l	0.04
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/l	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	0.000	98	0	0.000	ug/l	
Spiked Amount	50.000	Range	49 - 140	Recovery	=	0.000%#
62) 4-Bromofluorobenzene	12.639	95	36656	0.000	ug/l	0.07
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#
Target Compounds						
					Qvalue	
76) 1,2,3-Trichloropropane	12.639	75	18526	53.751	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.639	75	18526	134.713	ug/l #	100
91) 1,2-Dichlorobenzene	13.851	146	1147	1.057	ug/l	90
95) Naphthalene	15.328	128	3523	2.597	ug/l #	90

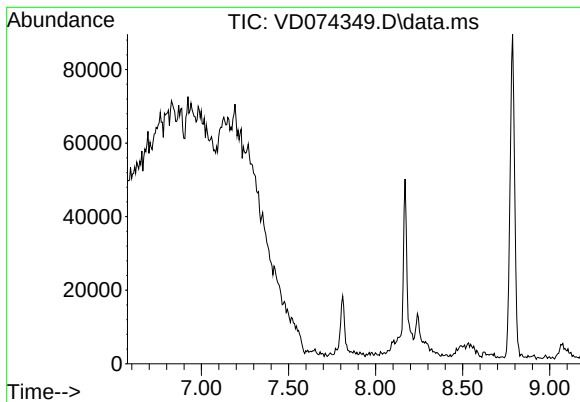
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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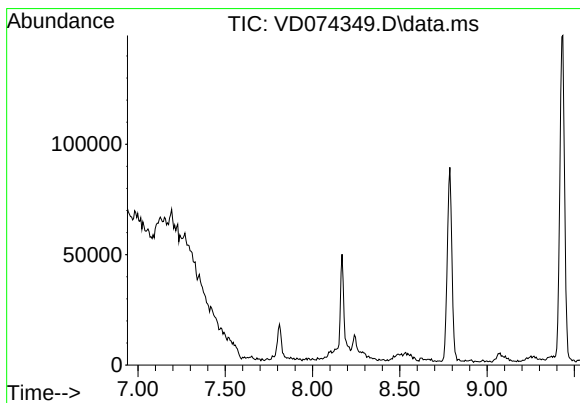
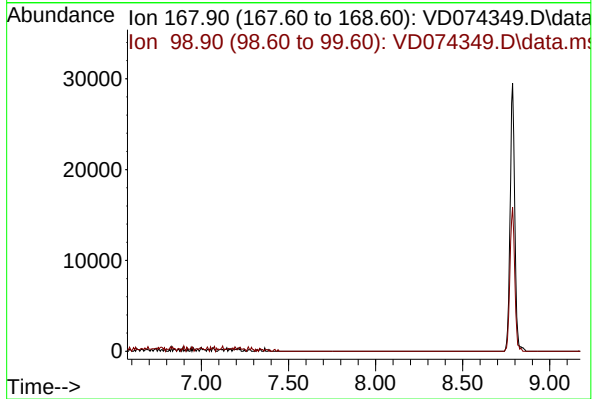




#1
 Pentafluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 7.88 min
 Lab File: VD074349.D
 Acq: 19 Sep 2022 15:18

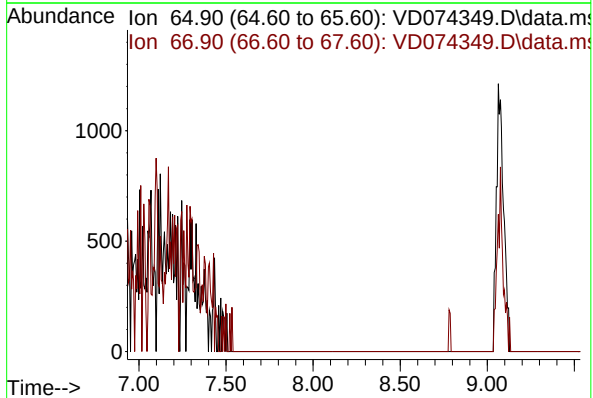
Instrument :
 MSVOA_D
 ClientSampleId :
 72-11930

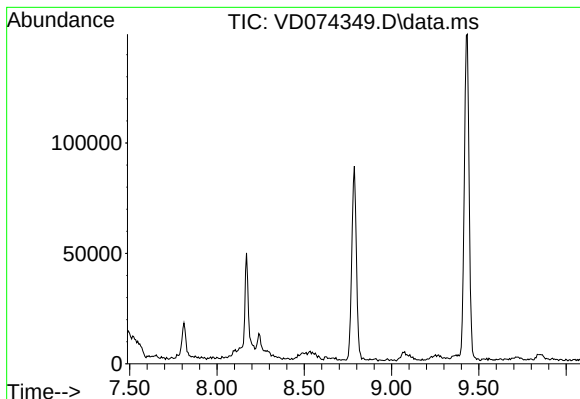
Tgt Ion: 168
 Sig Exp Ratio
 168 100
 99 53.8



#33
 1,2-Dichloroethane-d4
 Concen: 0.000 ug/l
 Expected RT: 8.23 min
 Lab File: VD074349.D
 Acq: 19 Sep 2022 15:18

Tgt Ion: 65
 Sig Exp Ratio
 65 100
 67 55.3

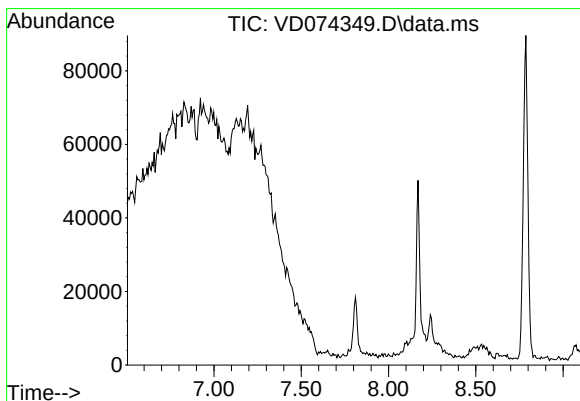
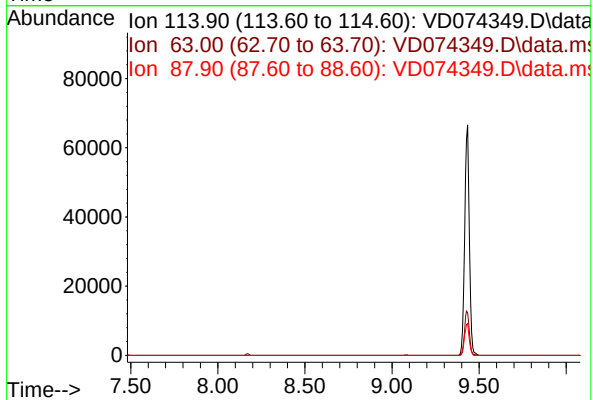




#34
 1,4-Difluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 8.78 min
 Lab File: VD074349.D
 Acq: 19 Sep 2022 15:18

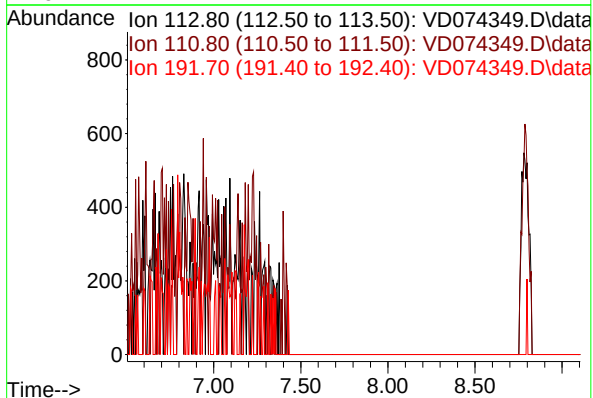
Instrument :
 MSVOA_D
 ClientSampleId :
 72-11930

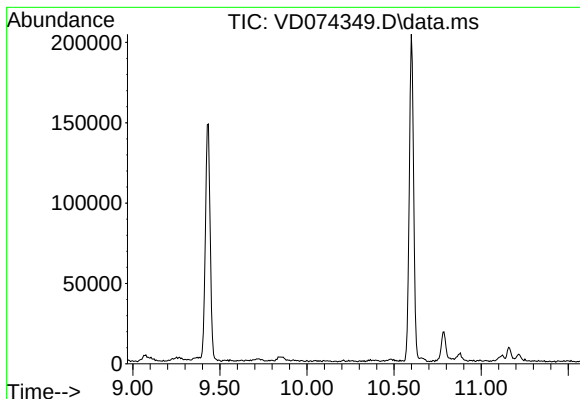
Tgt Ion: 114
 Sig Exp Ratio
 114 100
 63 18.8
 88 14.2



#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.80 min
 Lab File: VD074349.D
 Acq: 19 Sep 2022 15:18

Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 103.8
 192 20.2

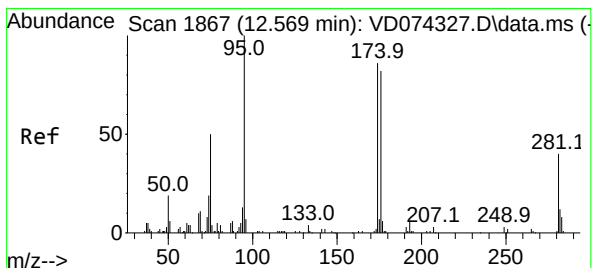
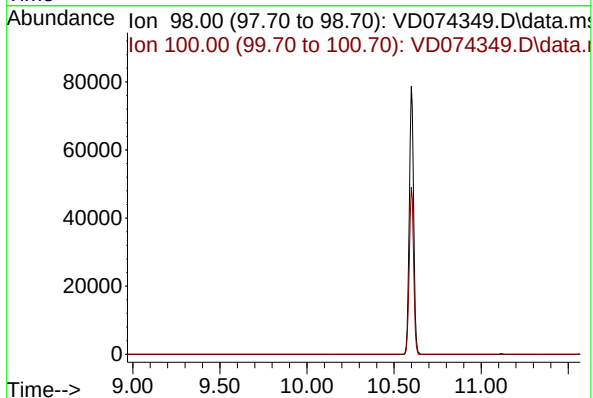




#50
Toluene-d8
Concen: 0.000 ug/l
Expected RT: 10.27 min
Lab File: VD074349.D
Acq: 19 Sep 2022 15:18

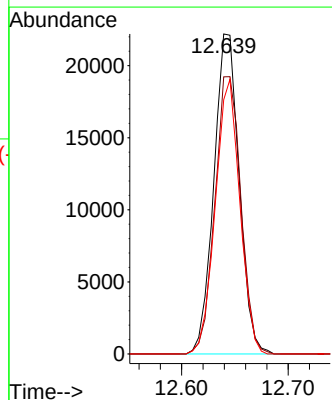
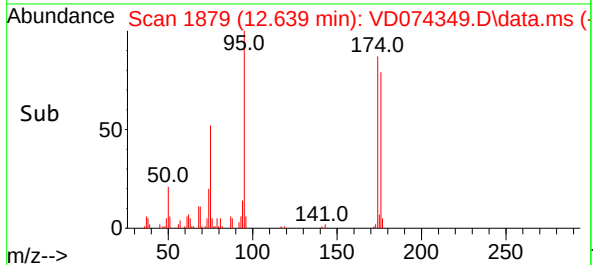
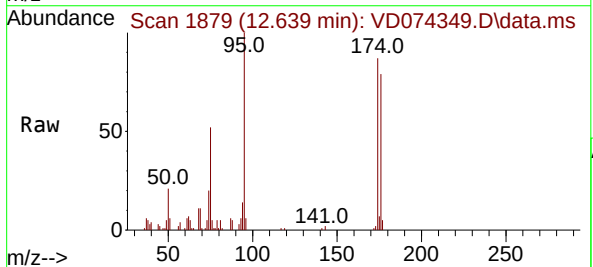
Instrument :
MSVOA_D
ClientSampleId :
72-11930

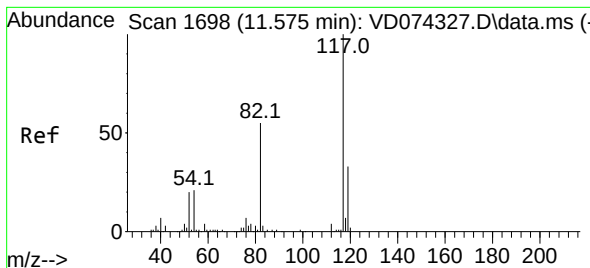
Tgt Ion: 98
Sig Exp Ratio
98 100
100 64.8



#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
RT: 12.639 min Scan# 1879
Delta R.T. 0.070 min
Lab File: VD074349.D
Acq: 19 Sep 2022 15:18

Tgt Ion: 95 Resp: 36656
Ion Ratio Lower Upper
95 100
174 89.0 0.0 179.2
176 83.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.740 min Scan# 11

Delta R.T. 0.165 min

Lab File: VD074349.D

Acq: 19 Sep 2022 15:18

Instrument :

MSVOA_D

ClientSampleId :

72-11930

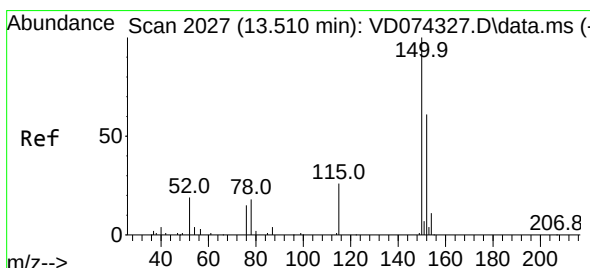
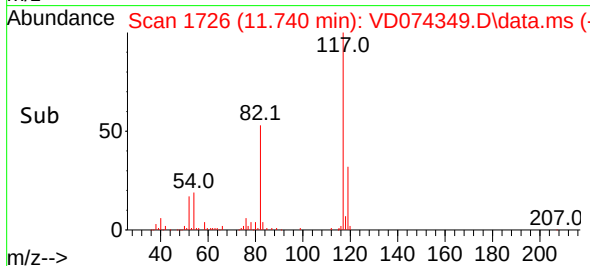
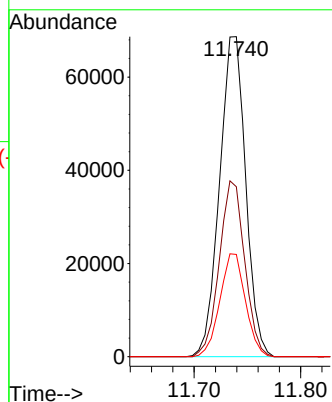
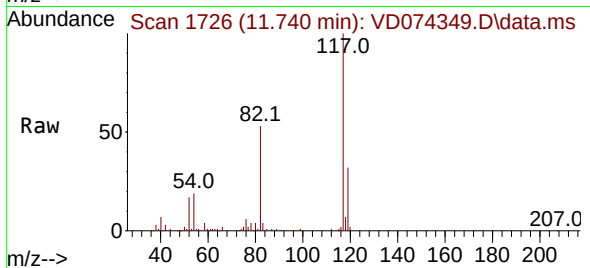
Tgt Ion:117 Resp: 116970

Ion Ratio Lower Upper

117 100

82 53.1 44.2 66.2

119 31.9 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.545 min Scan# 2033

Delta R.T. 0.035 min

Lab File: VD074349.D

Acq: 19 Sep 2022 15:18

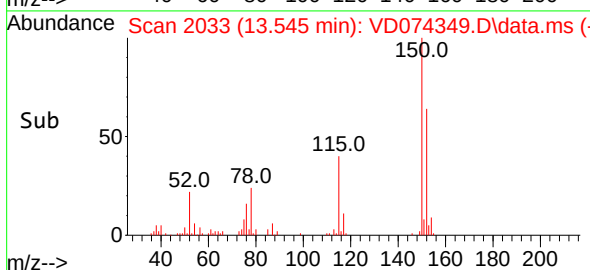
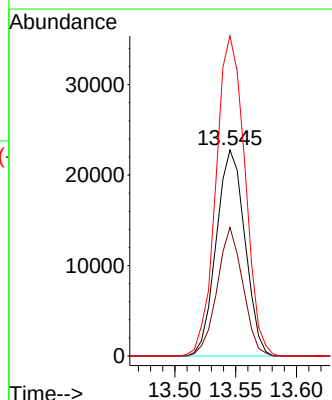
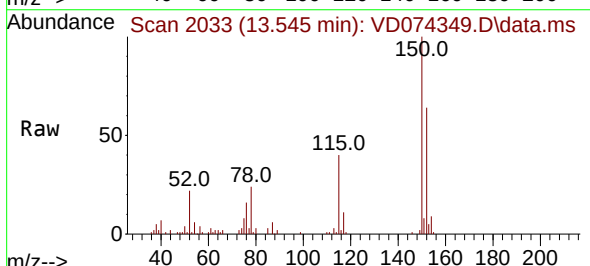
Tgt Ion:152 Resp: 37252

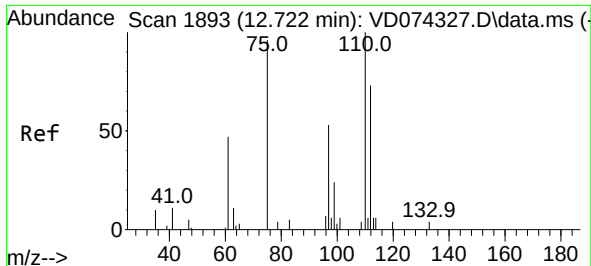
Ion Ratio Lower Upper

152 100

115 56.2 28.4 85.2

150 157.1 0.0 351.0

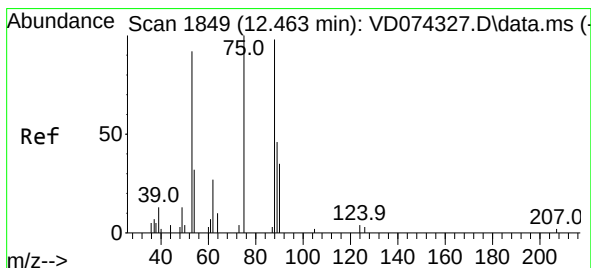
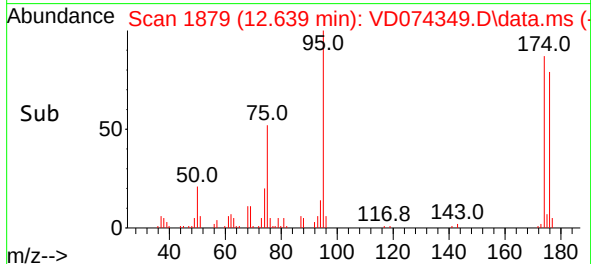
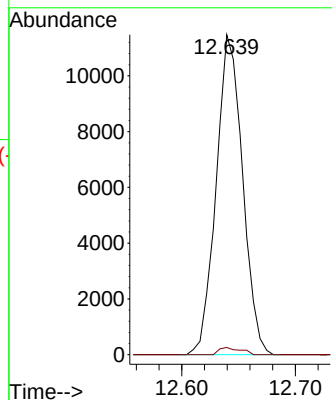
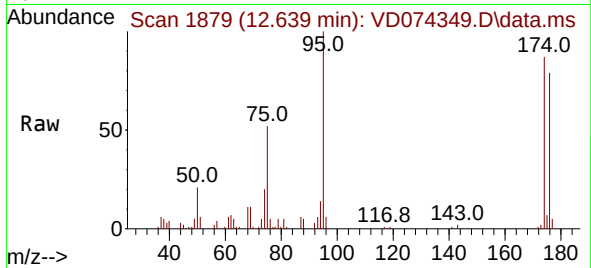




#76
1,2,3-Trichloropropane
Concen: 53.751 ug/l
RT: 12.639 min Scan# 1879
Delta R.T. -0.083 min
Lab File: VD074349.D
Acq: 19 Sep 2022 15:18

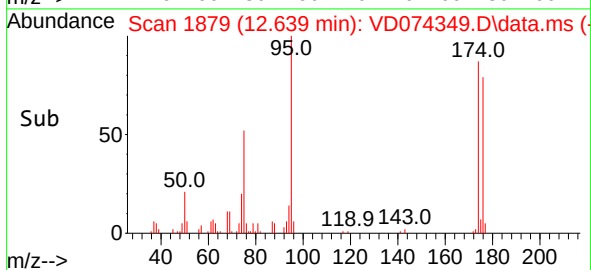
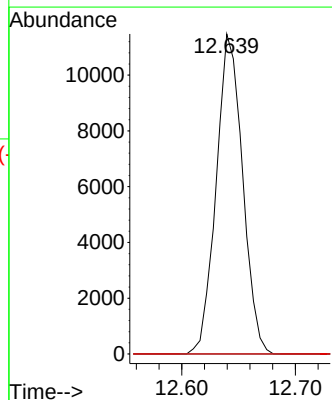
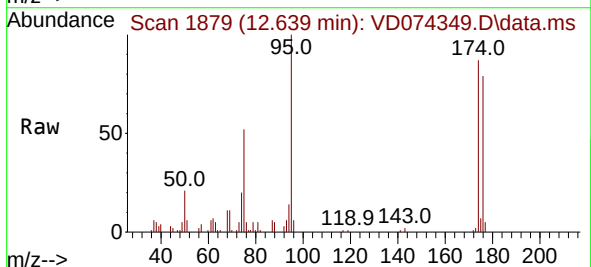
Instrument :
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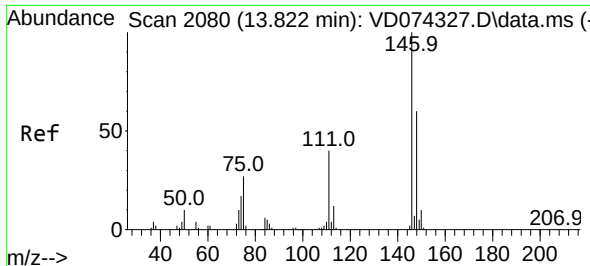
Tgt Ion: 75 Resp: 18526
Ion Ratio Lower Upper
75 100
77 1.9 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 134.713 ug/l
RT: 12.639 min Scan# 1879
Delta R.T. 0.176 min
Lab File: VD074349.D
Acq: 19 Sep 2022 15:18

Tgt Ion: 75 Resp: 18526
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

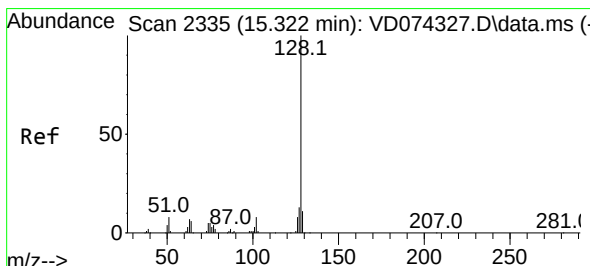
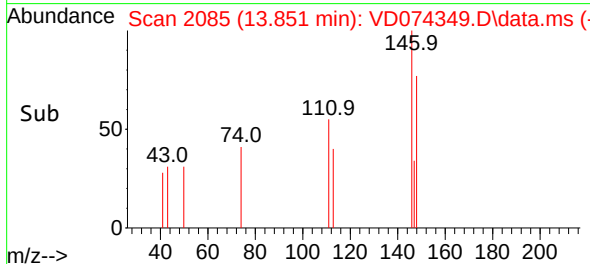
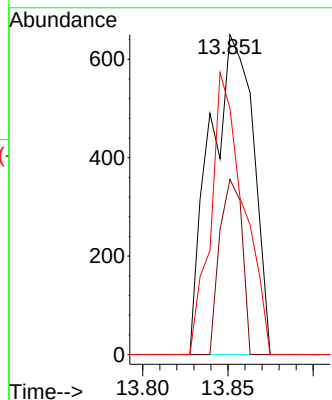
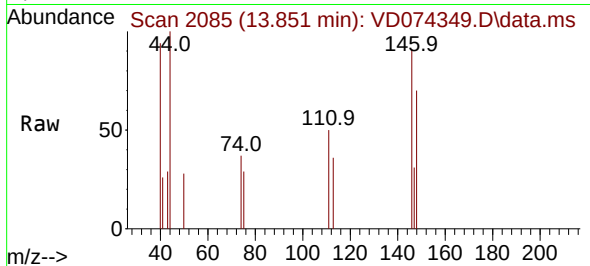




#91
1,2-Dichlorobenzene
Concen: 1.057 ug/l
RT: 13.851 min Scan# 2085
Delta R.T. 0.029 min
Lab File: VD074349.D
Acq: 19 Sep 2022 15:18

Instrument :
MSVOA_D
ClientSampleId :
72-11930

Tgt Ion:	146	Resp:	1147
Ion	Ratio	Lower	Upper
146	100		
111	28.4	19.4	58.4
148	67.0	31.5	94.5



#95
Naphthalene
Concen: 2.597 ug/l
RT: 15.328 min Scan# 2336
Delta R.T. 0.006 min
Lab File: VD074349.D
Acq: 19 Sep 2022 15:18

Tgt Ion:	128	Resp:	3523
Ion	Ratio	Lower	Upper
128	100		
127	16.6	10.9	16.3#
129	6.0	8.8	13.2#

