

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092122\
 Data File : VD074391.D
 Acq On : 21 Sep 2022 16:11
 Operator : VA/SY
 Sample : N4668-07RE
 Misc : 5.64G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Sep 22 05:12:56 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)

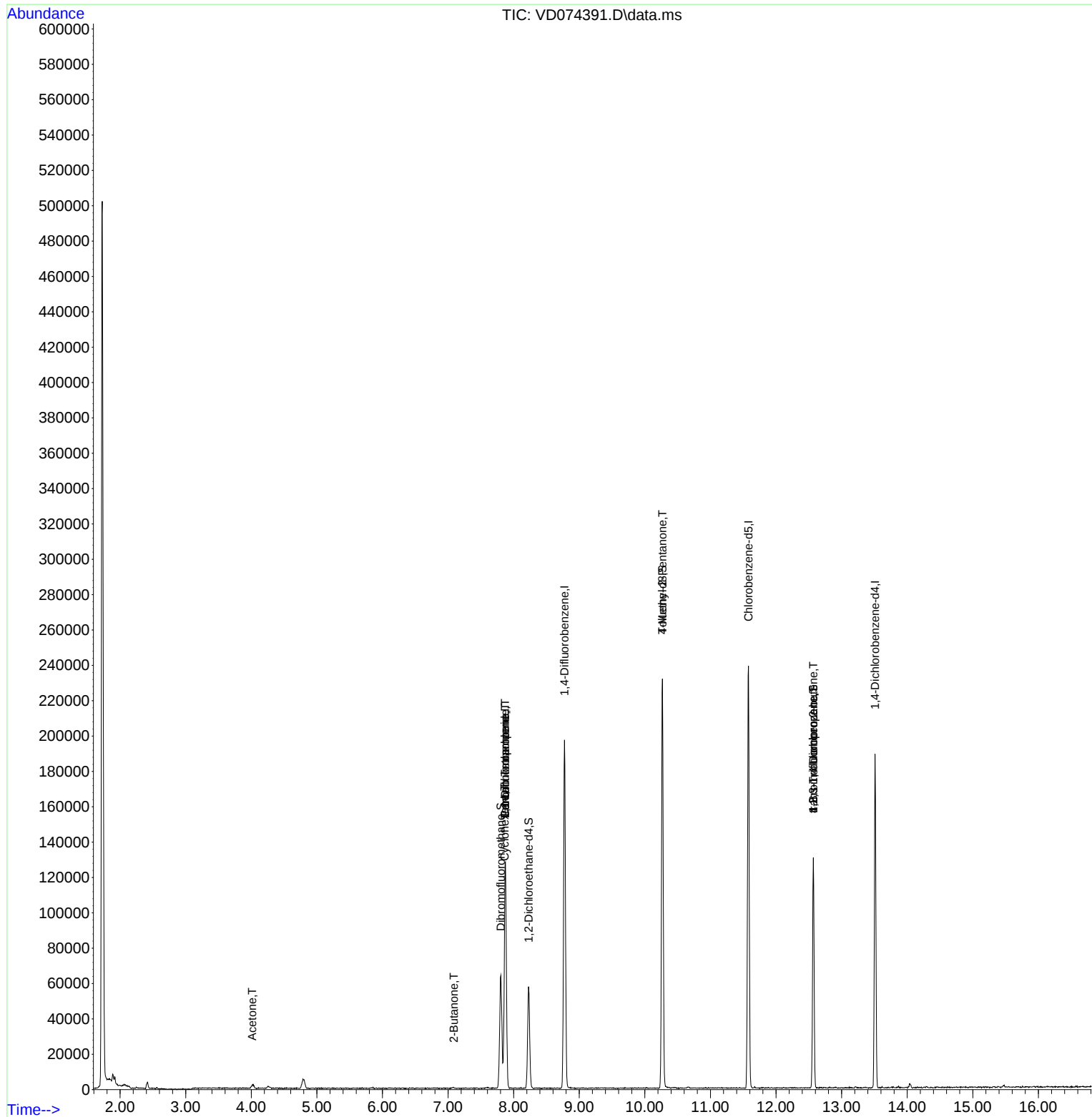
Internal Standards						
1) Pentafluorobenzene	7.869	168	99092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	174258	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	139566	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	49721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	43810	45.391	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	90.780%
35) Dibromofluoromethane	7.804	113	45405	39.563	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.120%
50) Toluene-d8	10.269	98	162300	40.985	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	81.960%
62) 4-Bromofluorobenzene	12.569	95	39361	26.661	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	53.320%
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	3742	17.209	ug/l	92
18) Methyl Acetate	4.816	43	56	Below Cal	#	51
20) Methylene Chloride	4.787	84	4240	Below Cal		90
25) 2-Butanone	7.087	43	337	1.041	ug/l #	48
31) Cyclohexane	7.863	56	2227	1.100	ug/l #	39
36) 1,1-Dichloropropene	7.869	75	7753	4.425	ug/l #	50
38) Carbon Tetrachloride	7.869	117	10276	6.619	ug/l #	15
51) 4-Methyl-2-Pentanone	10.269	43	824	1.211	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	20209	43.930	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	20209	110.099	ug/l #	100

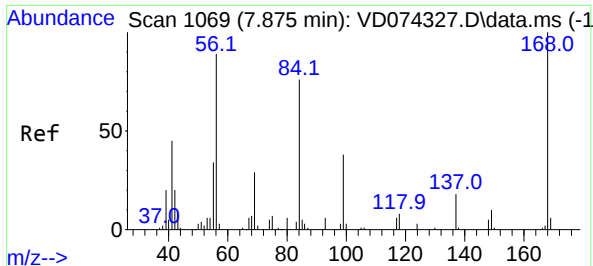
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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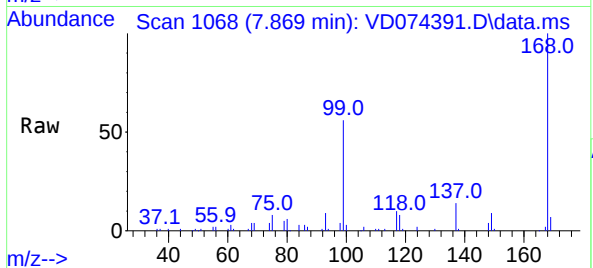
Quant Time: Sep 22 05:12:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 17 04:16:54 2022
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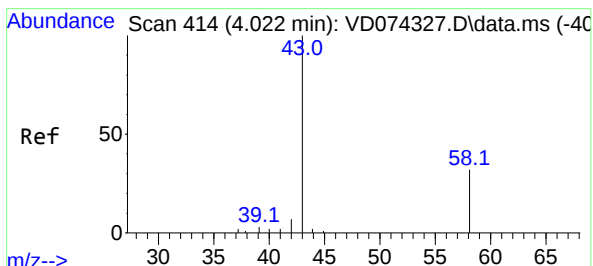
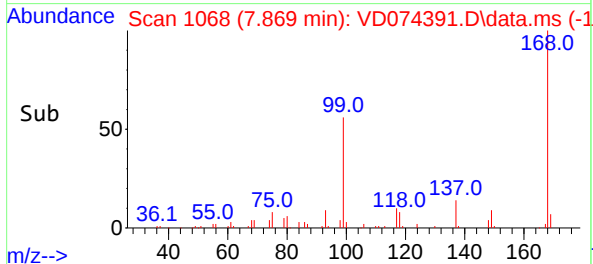
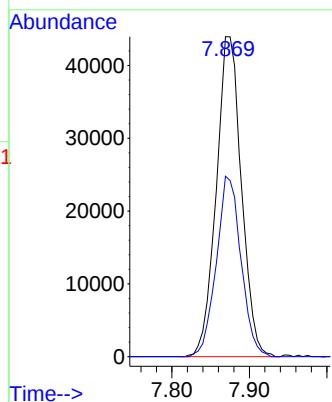


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074391.D
Acq: 21 Sep 2022 16:11

Instrument :
MSVOA_D
ClientSampleId :

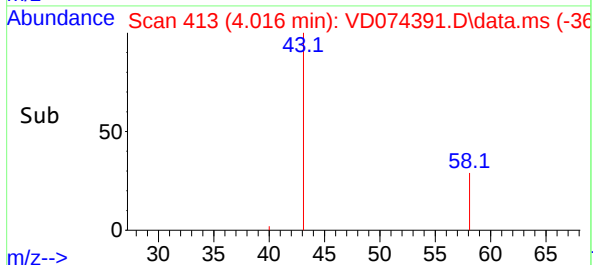
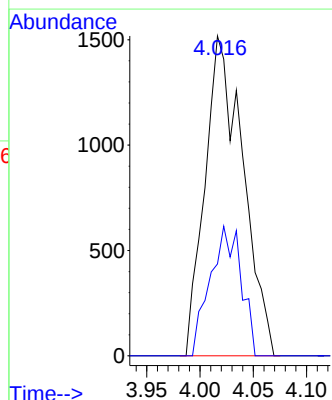
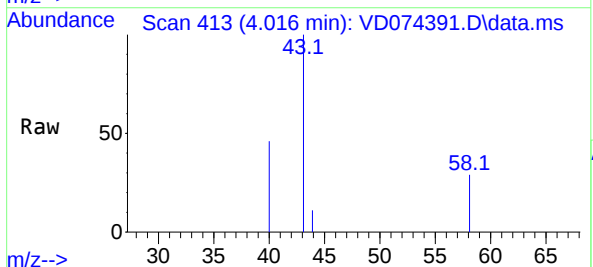


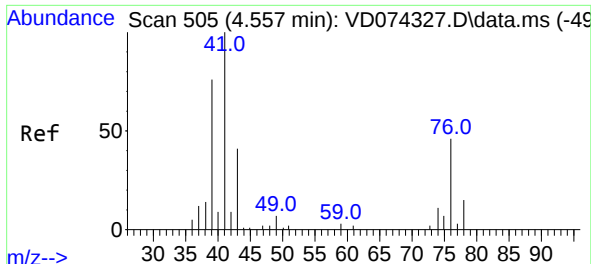
Tgt Ion:168 Resp: 99092
Ion Ratio Lower Upper
168 100
99 56.4 43.0 64.6



#16
Acetone
Concen: 17.209 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD074391.D
Acq: 21 Sep 2022 16:11

Tgt Ion: 43 Resp: 3742
Ion Ratio Lower Upper
43 100
58 28.7 26.4 39.6





#18

Methyl Acetate

Concen: Below Cal

RT: 4.816 min Scan# 54

Delta R.T. 0.259 min

Lab File: VD074391.D

Acq: 21 Sep 2022 16:11

Instrument :

MSVOA_D

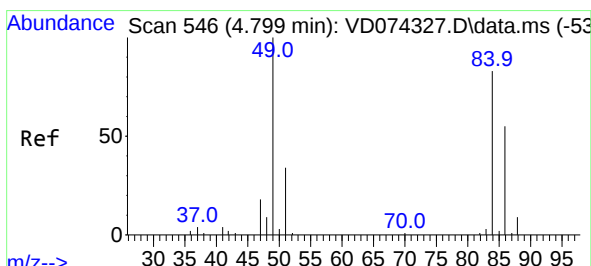
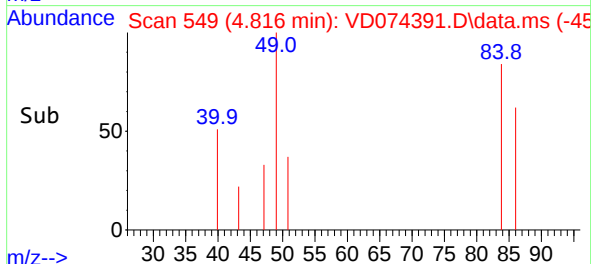
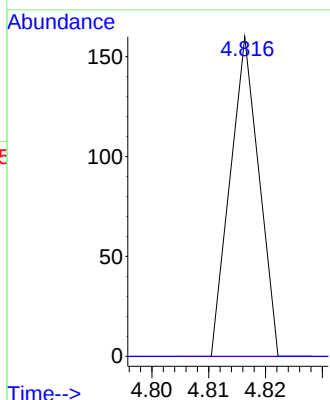
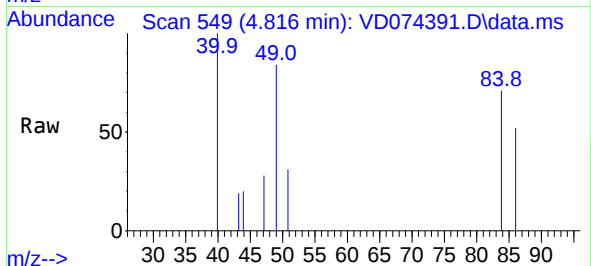
ClientSampleId :

Tgt Ion: 43 Resp: 56

Ion Ratio Lower Upper

43 100

74 0.0 19.3 28.9#



#20

Methylene Chloride

Concen: Below Cal

RT: 4.787 min Scan# 544

Delta R.T. -0.012 min

Lab File: VD074391.D

Acq: 21 Sep 2022 16:11

Tgt Ion: 84 Resp: 4240

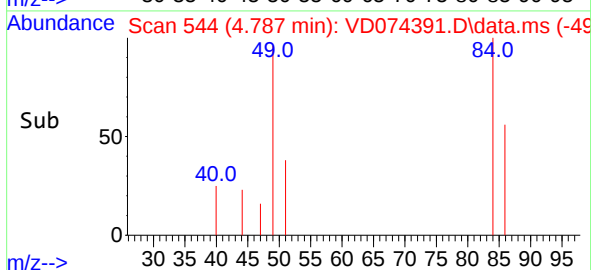
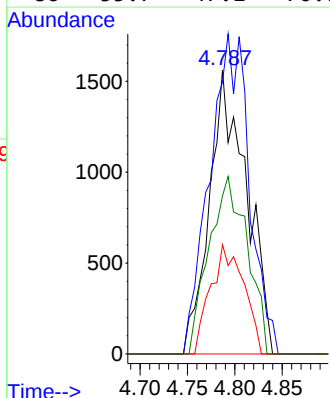
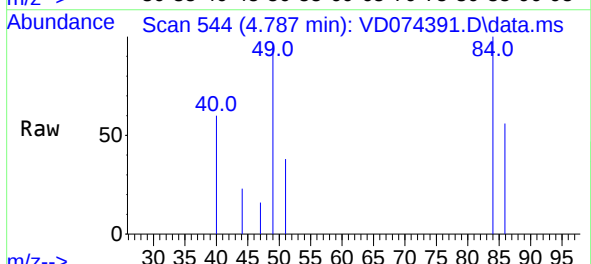
Ion Ratio Lower Upper

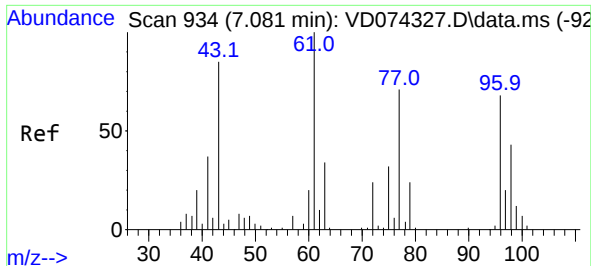
84 100

49 95.8 88.4 132.6

51 38.4 28.0 42.0

86 55.7 47.1 70.7

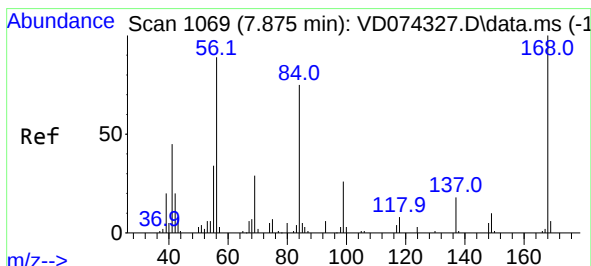
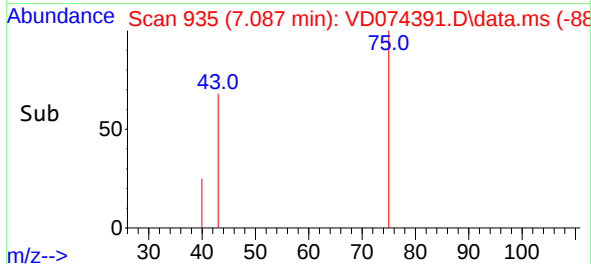
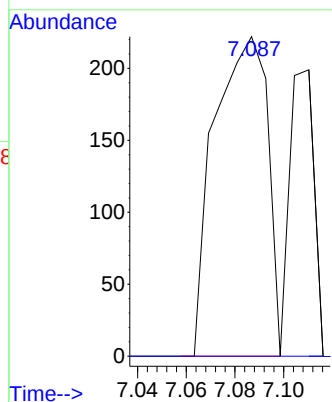
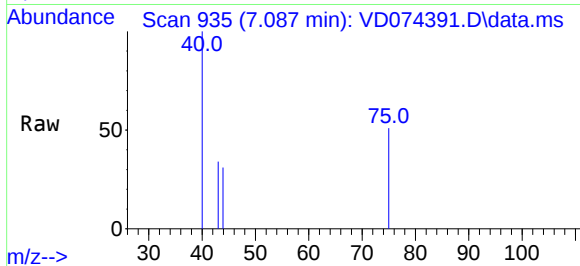




#25
2-Butanone
Concen: 1.041 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD074391.D
Acq: 21 Sep 2022 16:11

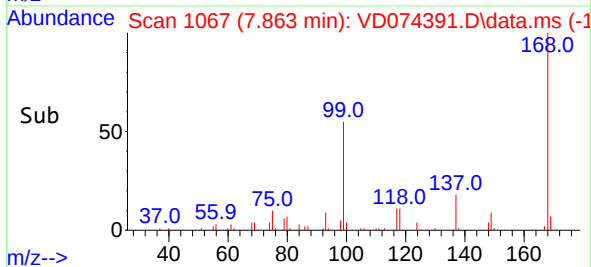
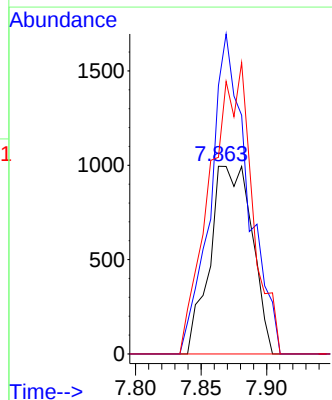
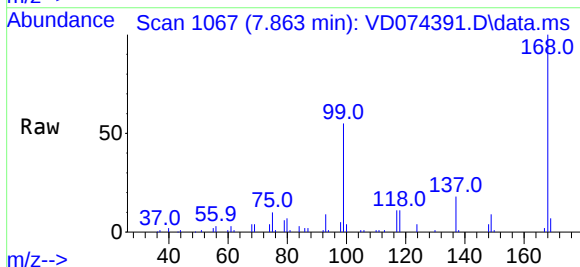
Instrument :
MSVOA_D
ClientSampleId :

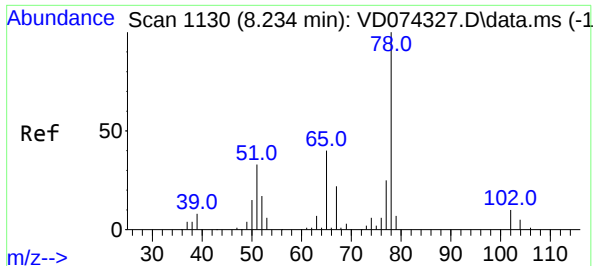
Tgt Ion: 43 Resp: 337
Ion Ratio Lower Upper
43 100
72 0.0 21.8 32.6#



#31
Cyclohexane
Concen: 1.100 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.012 min
Lab File: VD074391.D
Acq: 21 Sep 2022 16:11

Tgt Ion: 56 Resp: 2227
Ion Ratio Lower Upper
56 100
69 142.9 25.7 38.5#
84 104.7 73.9 110.9





#33

1,2-Dichloroethane-d4

Concen: 45.391 ug/l

RT: 8.228 min Scan# 1130

Delta R.T. -0.006 min

Lab File: VD074391.D

Acq: 21 Sep 2022 16:11

Instrument :

MSVOA_D

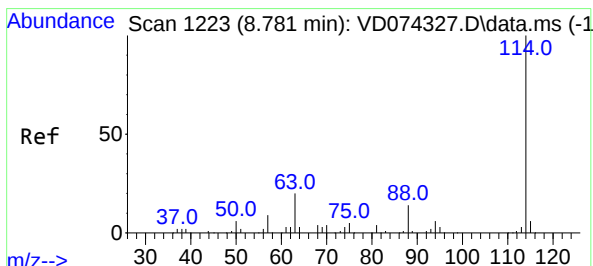
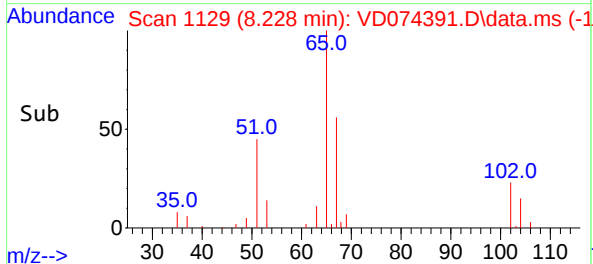
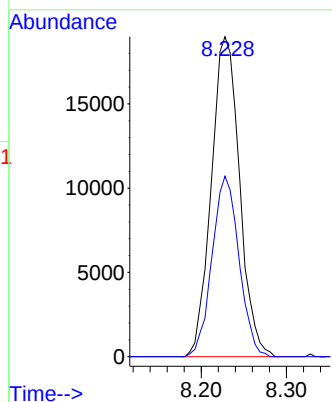
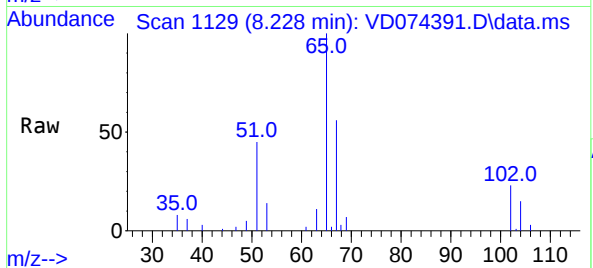
ClientSampleId :

Tgt Ion: 65 Resp: 43810

Ion Ratio Lower Upper

65 100

67 53.7 0.0 110.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD074391.D

Acq: 21 Sep 2022 16:11

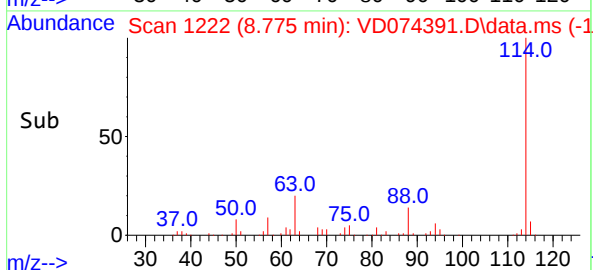
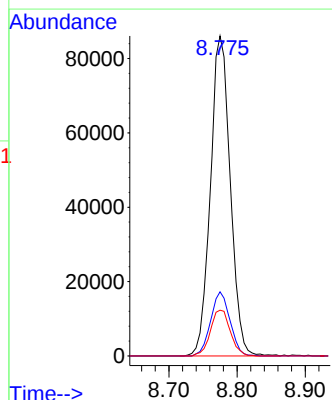
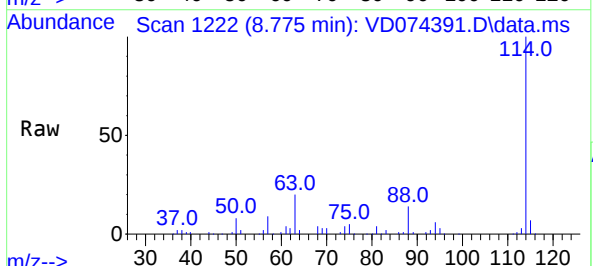
Tgt Ion: 114 Resp: 174258

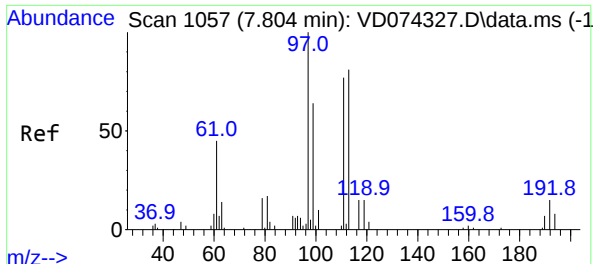
Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.6

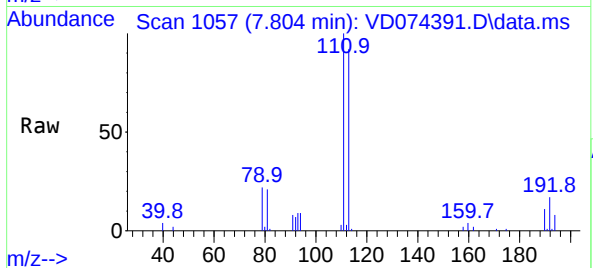
88 14.3 0.0 28.4



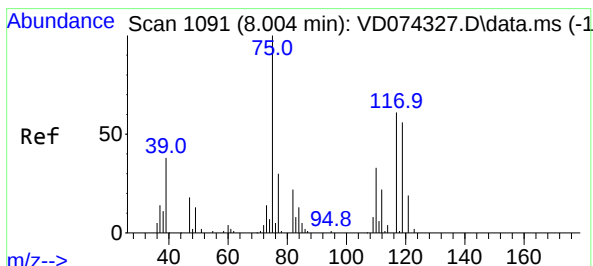
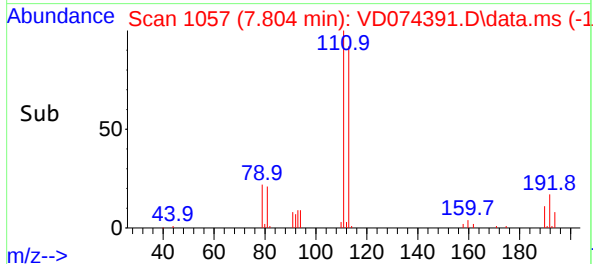
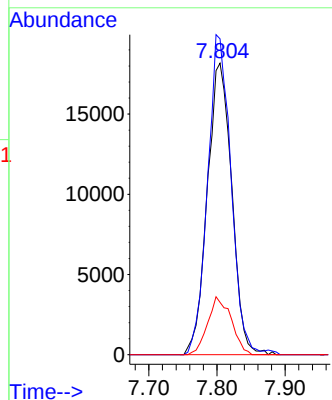


#35
Dibromofluoromethane
Concen: 39.563 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD074391.D
Acq: 21 Sep 2022 16:11

Instrument :
MSVOA_D
ClientSampleId :

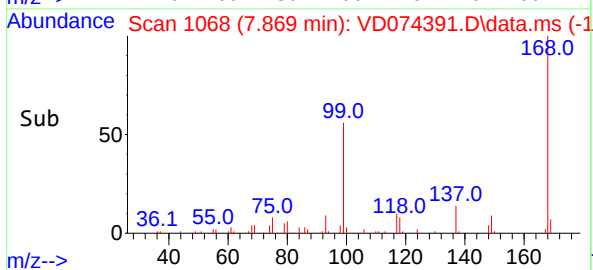
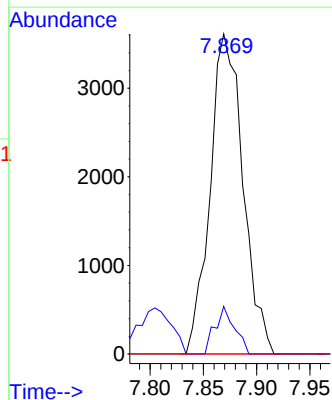
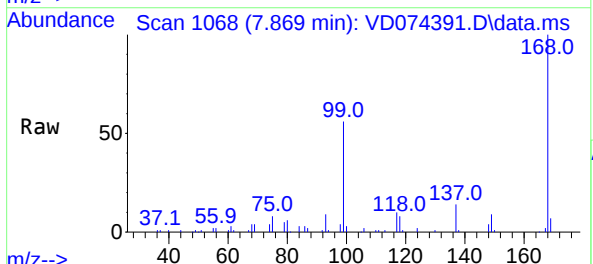


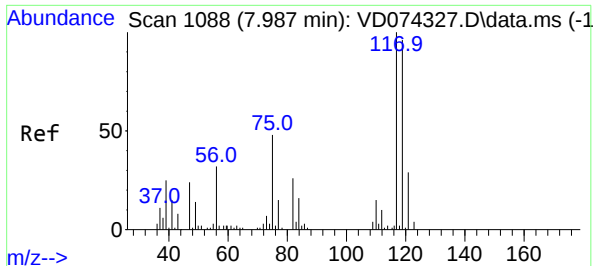
Tgt Ion:113 Resp: 45405
Ion Ratio Lower Upper
113 100
111 104.6 83.0 124.6
192 19.2 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.425 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.135 min
Lab File: VD074391.D
Acq: 21 Sep 2022 16:11

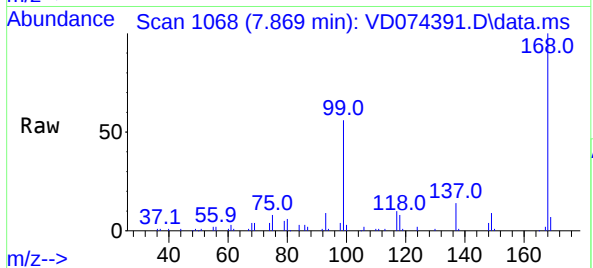
Tgt Ion: 75 Resp: 7753
Ion Ratio Lower Upper
75 100
110 8.8 17.5 52.5#
77 0.0 24.8 37.2#



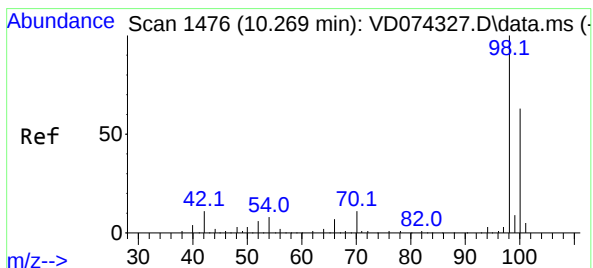
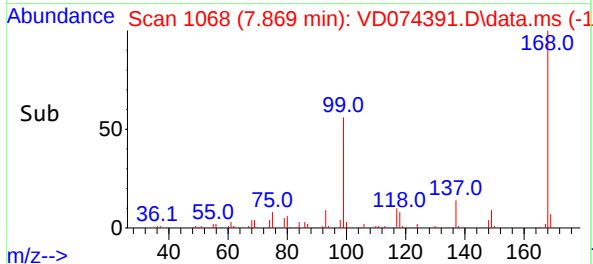
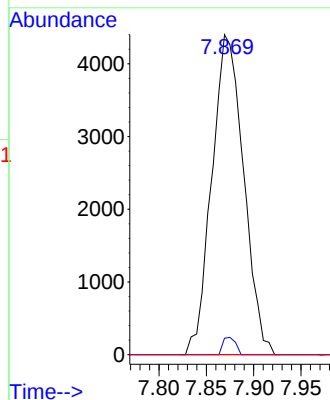


#38
Carbon Tetrachloride
Concen: 6.619 ug/l
RT: 7.869 min Scan# 1088
Delta R.T. -0.118 min
Lab File: VD074391.D
Acq: 21 Sep 2022 16:11

Instrument :
MSVOA_D
ClientSampleId :

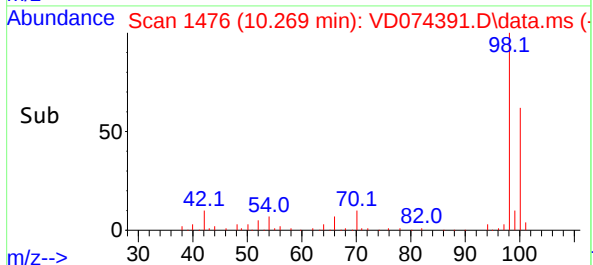
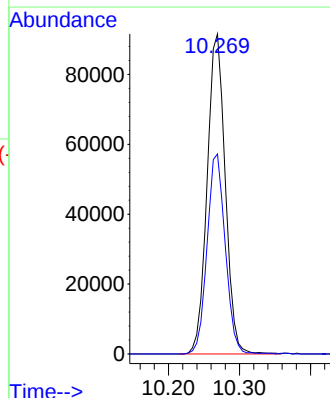
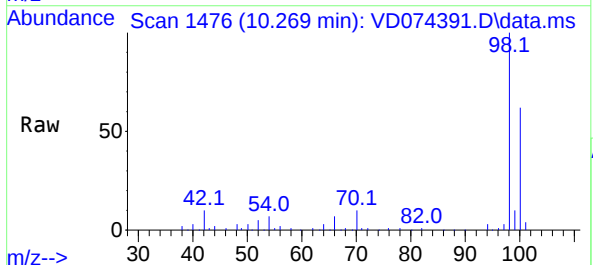


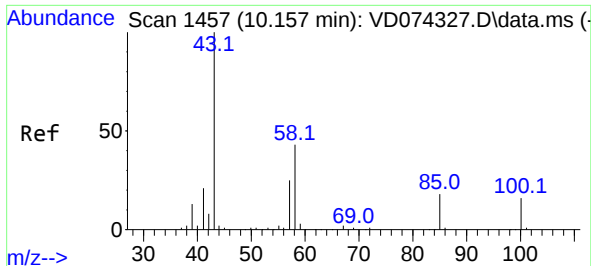
Tgt Ion:117 Resp: 10276
Ion Ratio Lower Upper
117 100
119 5.1 78.8 118.2#
121 0.0 23.9 35.9#



#50
Toluene-d8
Concen: 40.985 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074391.D
Acq: 21 Sep 2022 16:11

Tgt Ion: 98 Resp: 162300
Ion Ratio Lower Upper
98 100
100 62.7 51.8 77.8





#51

4-Methyl-2-Pentanone

Concen: 1.211 ug/l

RT: 10.269 min Scan# 1457

Delta R.T. 0.112 min

Lab File: VD074391.D

Acq: 21 Sep 2022 16:11

Instrument :

MSVOA_D

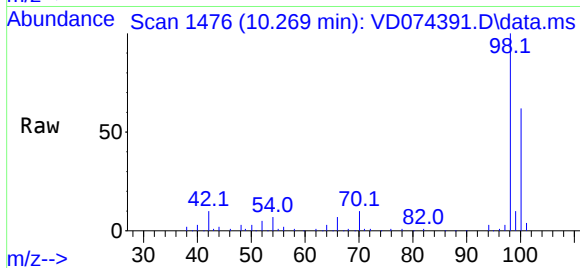
ClientSampleId :

Tgt Ion: 43 Resp: 824

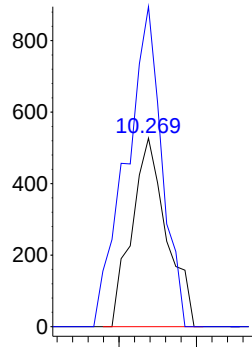
Ion Ratio Lower Upper

43 100

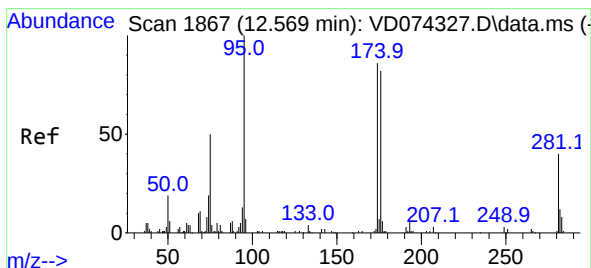
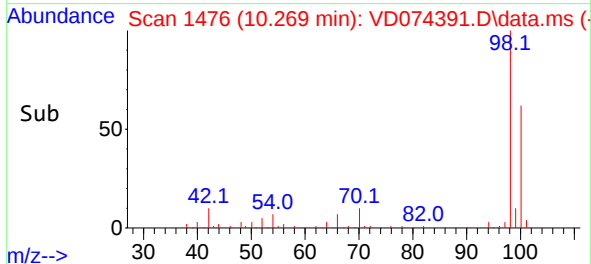
58 174.0 33.3 49.9#



Abundance



Time-->



#62

4-Bromofluorobenzene

Concen: 26.661 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.000 min

Lab File: VD074391.D

Acq: 21 Sep 2022 16:11

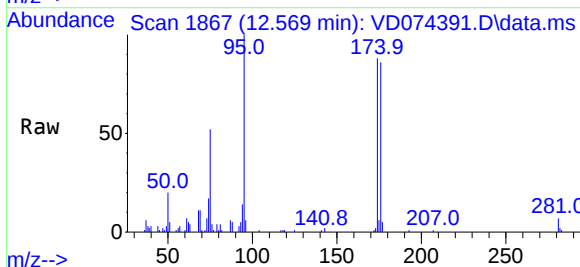
Tgt Ion: 95 Resp: 39361

Ion Ratio Lower Upper

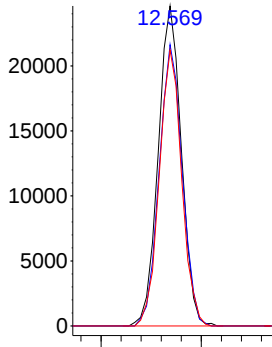
95 100

174 87.6 0.0 179.2

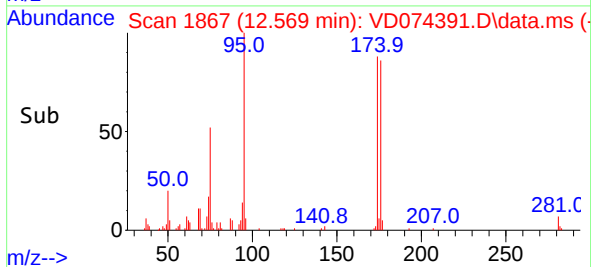
176 83.6 0.0 171.4

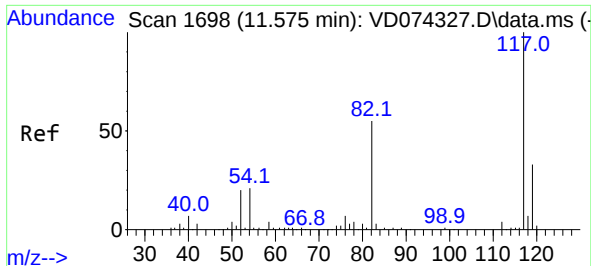


Abundance



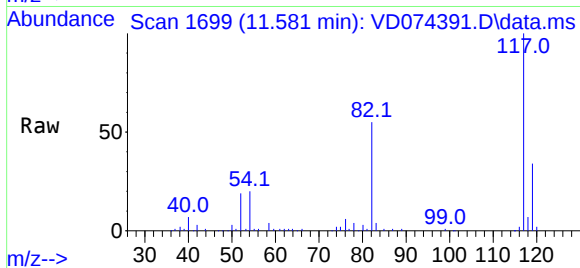
Time-->



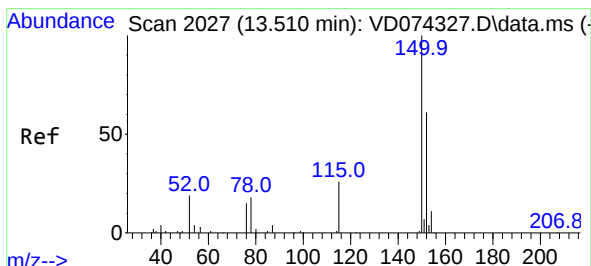
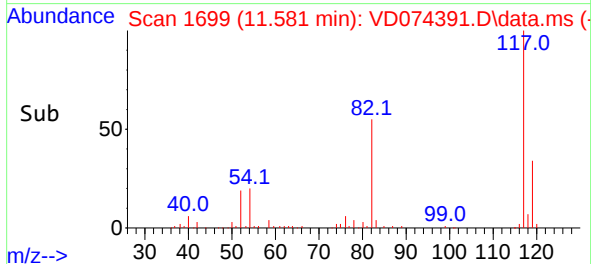
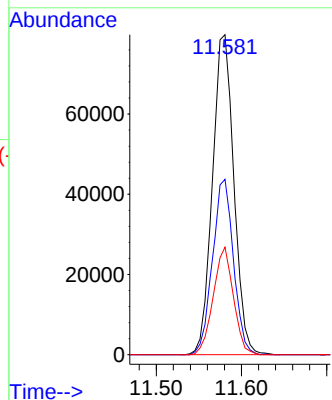


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1170
Delta R.T. 0.006 min
Lab File: VD074391.D
Acq: 21 Sep 2022 16:11

Instrument :
MSVOA_D
ClientSampleId :

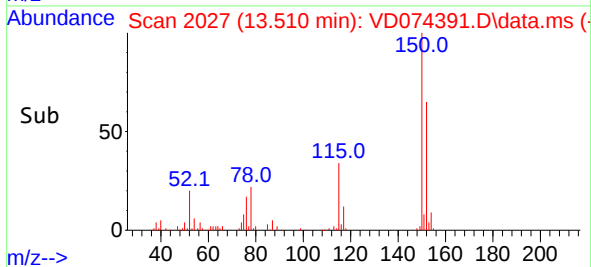
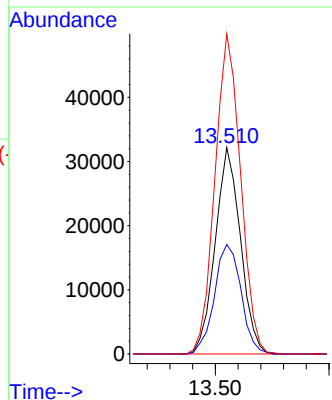
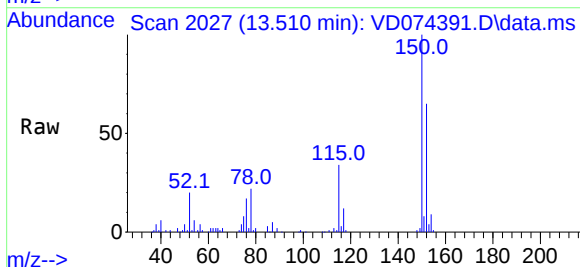


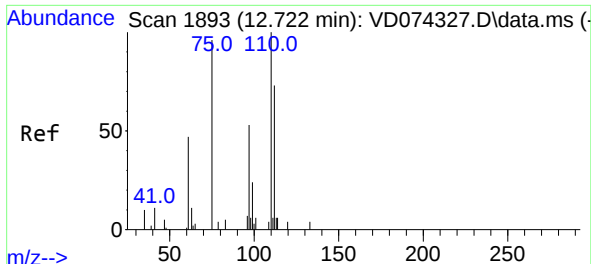
Tgt Ion:117 Resp: 139566
Ion Ratio Lower Upper
117 100
82 54.8 44.2 66.2
119 33.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD074391.D
Acq: 21 Sep 2022 16:11

Tgt Ion:152 Resp: 49721
Ion Ratio Lower Upper
152 100
115 56.0 28.4 85.2
150 157.5 0.0 351.0

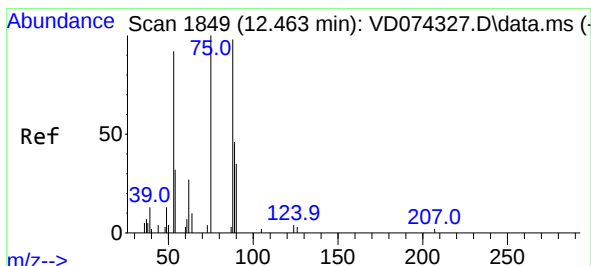
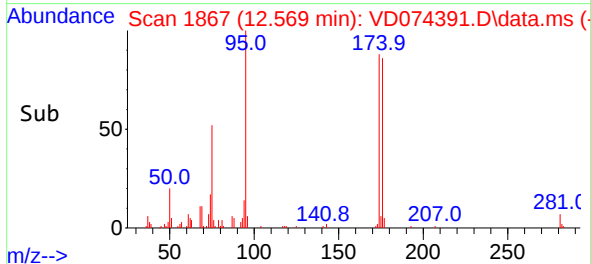
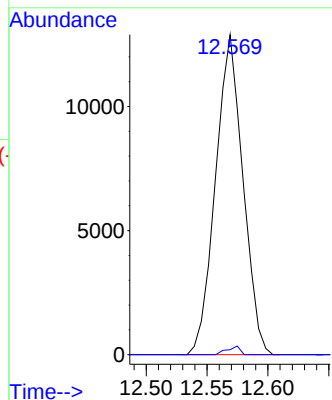
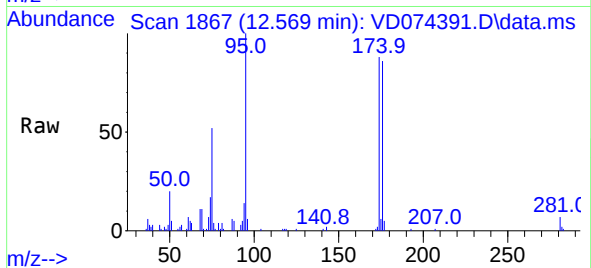




#76
1,2,3-Trichloropropane
Concen: 43.930 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074391.D
Acq: 21 Sep 2022 16:11

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 20209
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.099 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074391.D
Acq: 21 Sep 2022 16:11

Tgt Ion: 75 Resp: 20209
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

