

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD092022\
 Data File : VD074371.D
 Acq On : 20 Sep 2022 17:48
 Operator : VA/SY
 Sample : N4668-04
 Misc : 6.79G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 D22006-18

Quant Time: Sep 21 02:25:19 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)

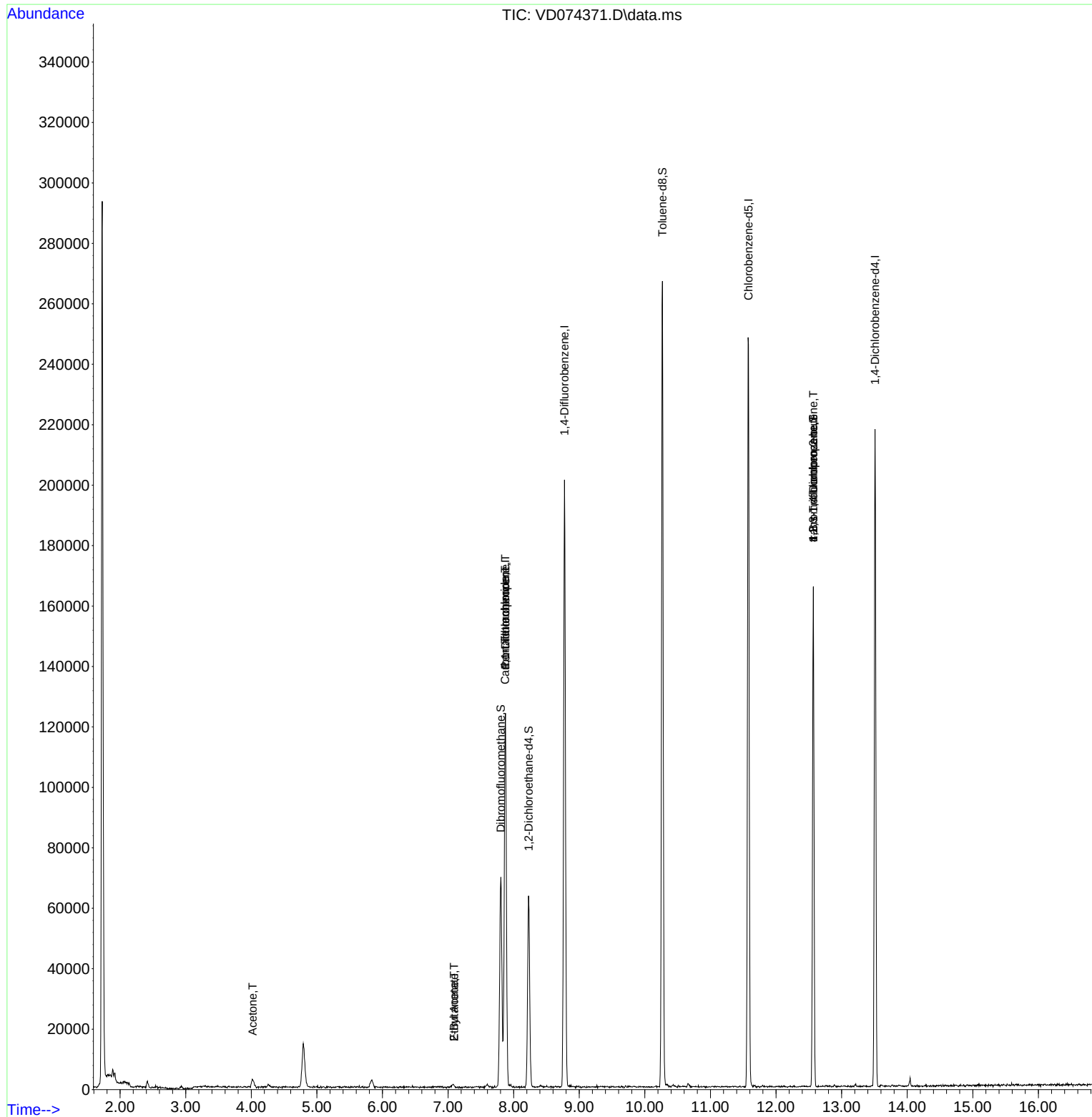
Internal Standards						
1) Pentafluorobenzene	7.875	168	96757	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	173832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	146877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	59257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	49107	52.107	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	104.220%
35) Dibromofluoromethane	7.804	113	49791	43.491	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.980%
50) Toluene-d8	10.269	98	184145	46.615	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.220%
62) 4-Bromofluorobenzene	12.569	95	49533	35.321	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	70.640%
Target Compounds						
16) Acetone	4.022	43	4973	23.422	ug/l	Qvalue 94
18) Methyl Acetate	4.793	43	65	Below Cal	#	51
20) Methylene Chloride	4.793	84	11041	Below Cal		93
25) 2-Butanone	7.093	43	904	2.859	ug/l #	48
36) 1,1-Dichloropropene	7.875	75	7804	4.466	ug/l #	50
37) Ethyl Acetate	7.093	43	904	1.291	ug/l #	67
38) Carbon Tetrachloride	7.869	117	9541	6.161	ug/l #	15
76) 1,2,3-Trichloropropane	12.569	75	25454	46.427	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	25454	116.358	ug/l #	100

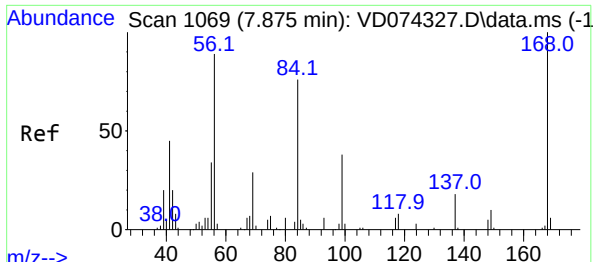
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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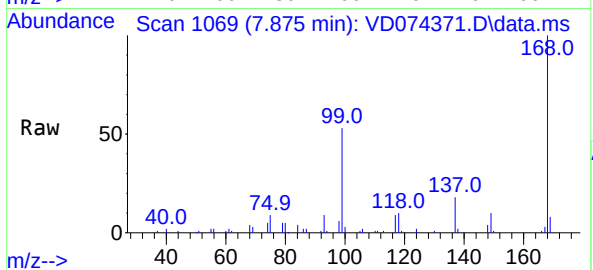
Quant Time: Sep 21 02:25:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D091622S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 17 04:16:54 2022
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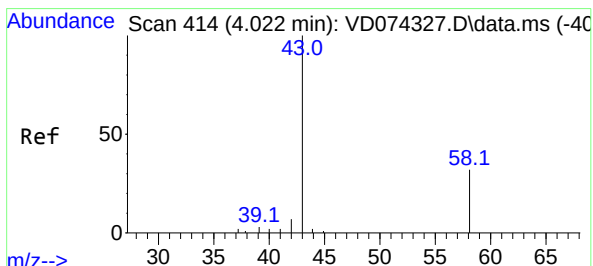
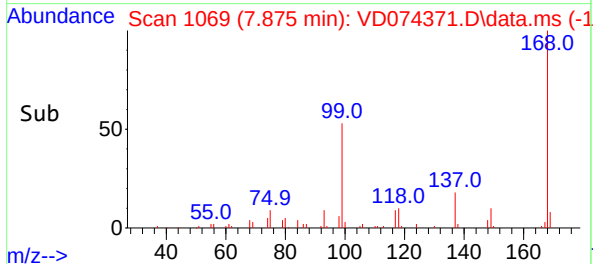
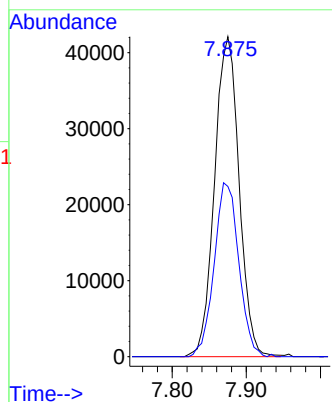


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074371.D
Acq: 20 Sep 2022 17:48

Instrument :
MSVOA_D
ClientSampleId :
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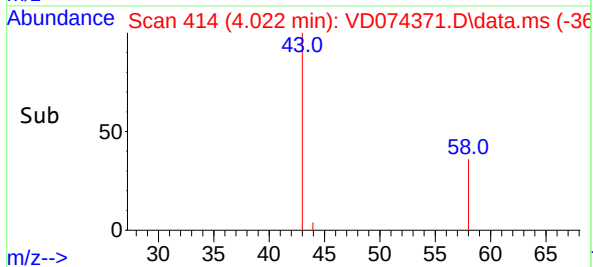
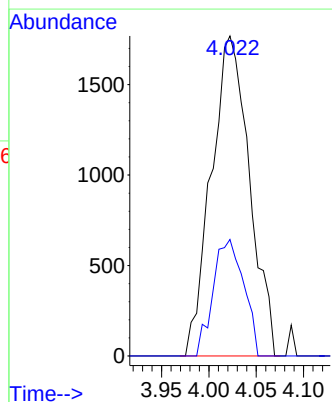
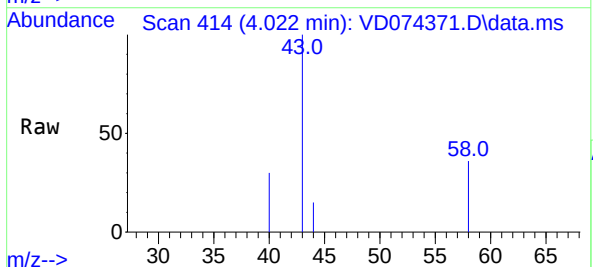


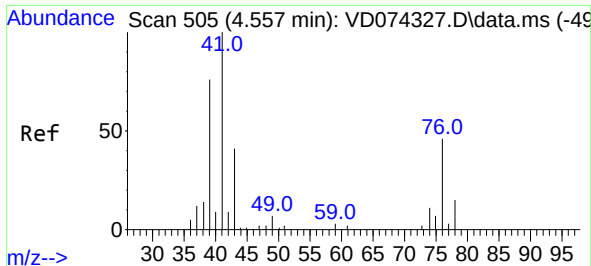
Tgt Ion:168 Resp: 96757
Ion Ratio Lower Upper
168 100
99 53.2 43.0 64.6



#16
Acetone
Concen: 23.422 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074371.D
Acq: 20 Sep 2022 17:48

Tgt Ion: 43 Resp: 4973
Ion Ratio Lower Upper
43 100
58 36.4 26.4 39.6





#18

Methyl Acetate

Concen: Below Cal

RT: 4.793 min Scan# 54

Delta R.T. 0.236 min

Lab File: VD074371.D

Acq: 20 Sep 2022 17:48

Instrument :

MSVOA_D

ClientSampleId :

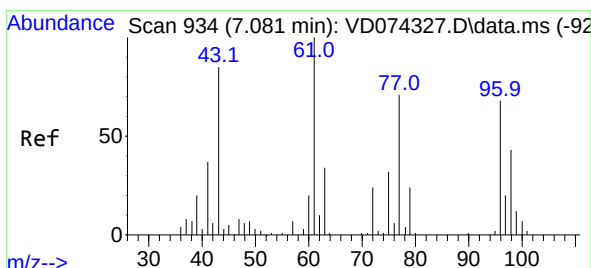
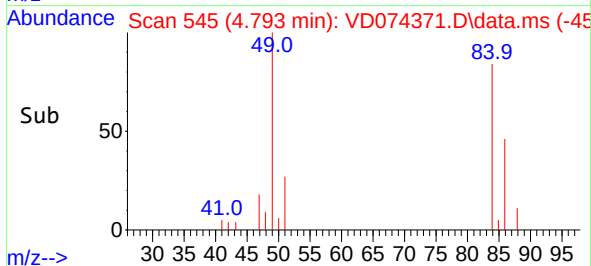
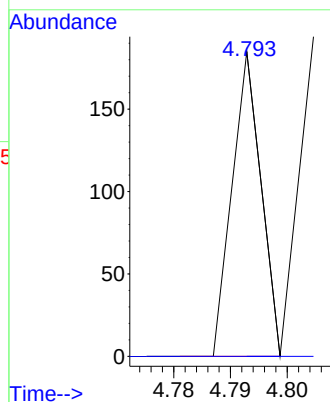
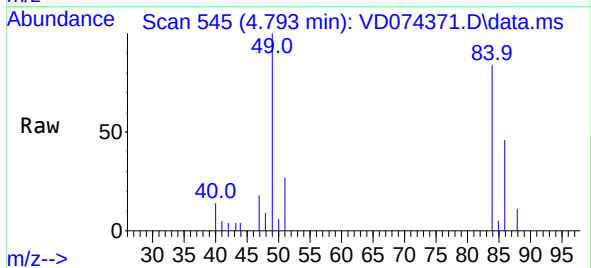
D22006-18

Tgt Ion: 43 Resp: 65

Ion Ratio Lower Upper

43 100

74 0.0 19.3 28.9#



#25

2-Butanone

Concen: 2.859 ug/l

RT: 7.093 min Scan# 936

Delta R.T. 0.012 min

Lab File: VD074371.D

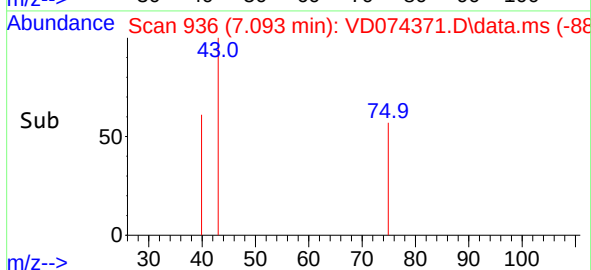
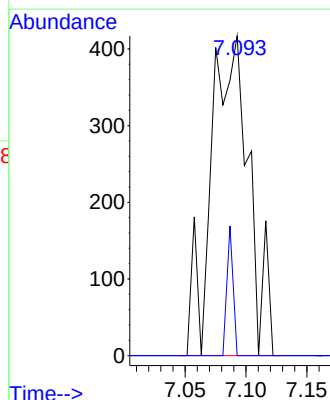
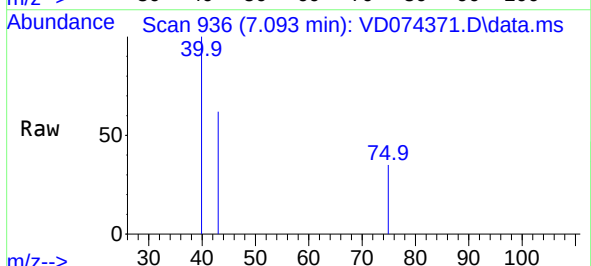
Acq: 20 Sep 2022 17:48

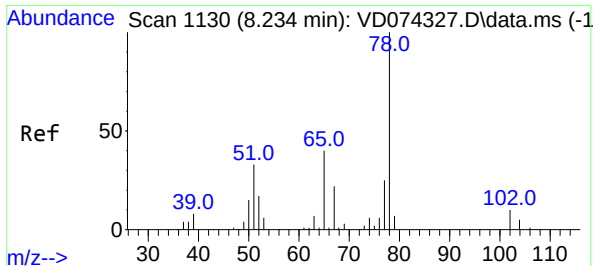
Tgt Ion: 43 Resp: 904

Ion Ratio Lower Upper

43 100

72 0.0 21.8 32.6#





#33

1,2-Dichloroethane-d4

Concen: 52.107 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD074371.D

Acq: 20 Sep 2022 17:48

Instrument :

MSVOA_D

ClientSampleId :

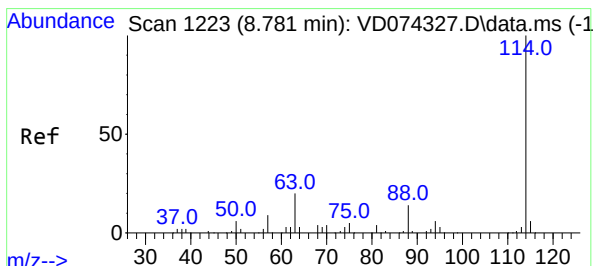
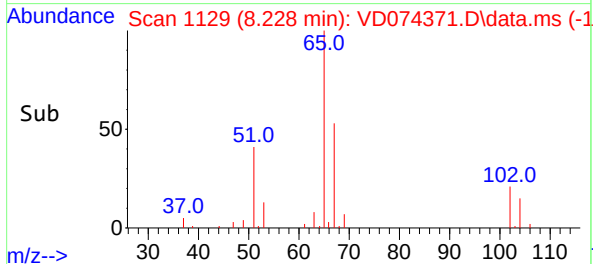
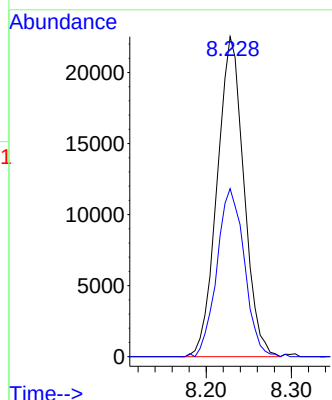
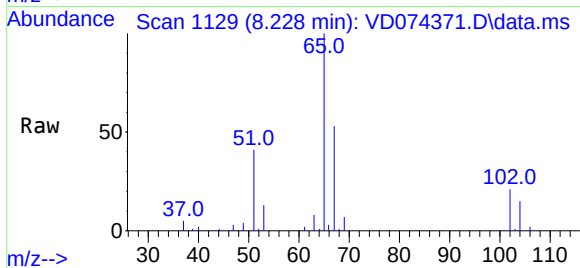
D22006-18

Tgt Ion: 65 Resp: 49107

Ion Ratio Lower Upper

65 100

67 53.9 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: VD074371.D

Acq: 20 Sep 2022 17:48

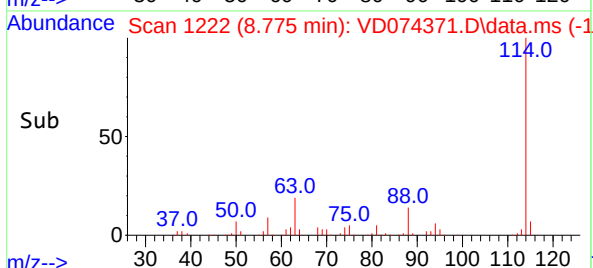
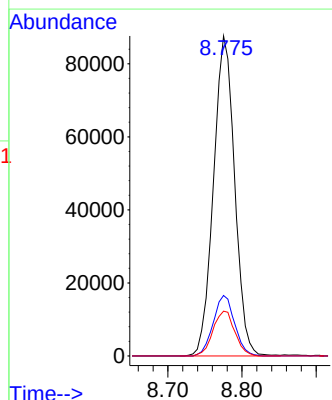
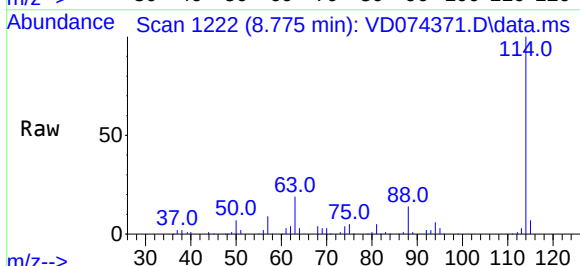
Tgt Ion: 114 Resp: 173832

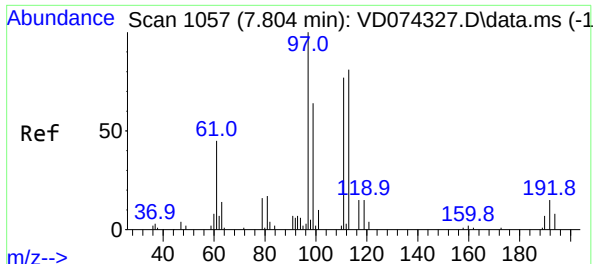
Ion Ratio Lower Upper

114 100

63 18.9 0.0 37.6

88 14.0 0.0 28.4

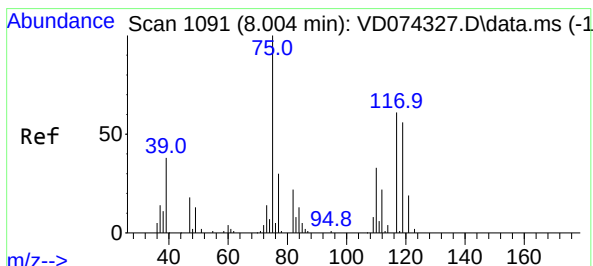
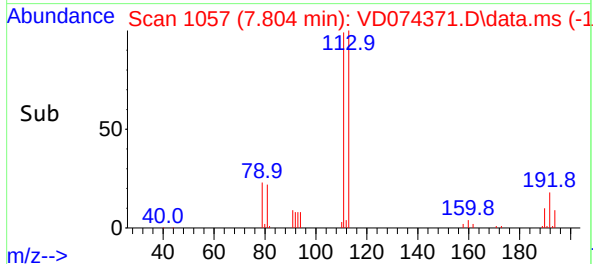
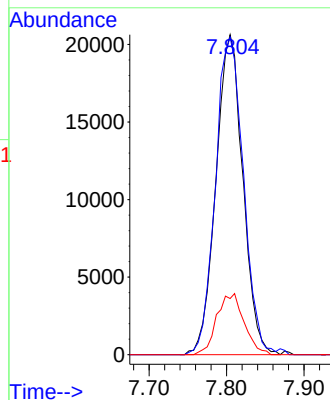
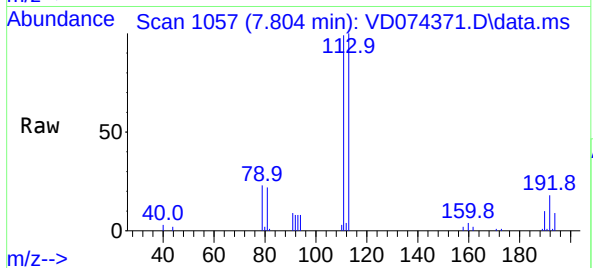




#35
Dibromofluoromethane
Concen: 43.491 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. 0.000 min
Lab File: VD074371.D
Acq: 20 Sep 2022 17:48

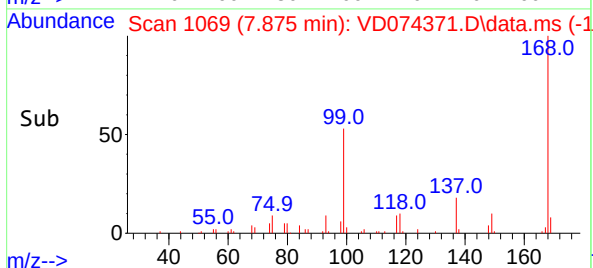
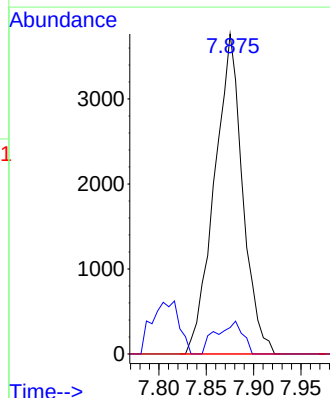
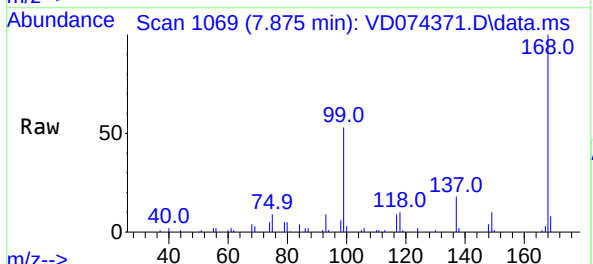
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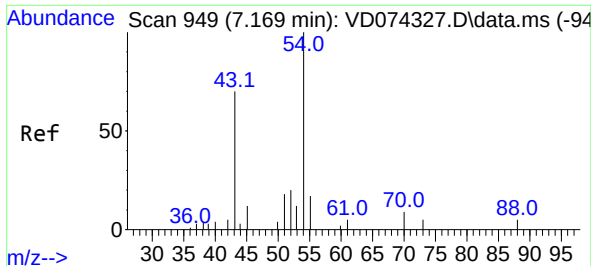
Tgt Ion:113 Resp: 49791
Ion Ratio Lower Upper
113 100
111 103.4 83.0 124.6
192 19.4 16.2 24.2



#36
1,1-Dichloropropene
Concen: 4.466 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.129 min
Lab File: VD074371.D
Acq: 20 Sep 2022 17:48

Tgt Ion: 75 Resp: 7804
Ion Ratio Lower Upper
75 100
110 9.5 17.5 52.5#
77 0.0 24.8 37.2#

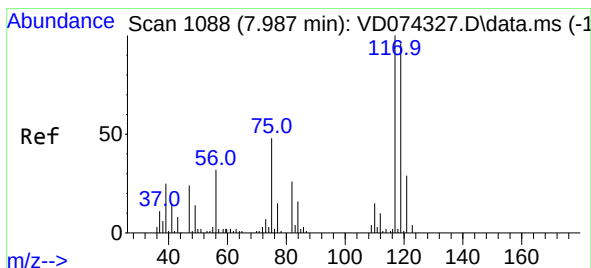
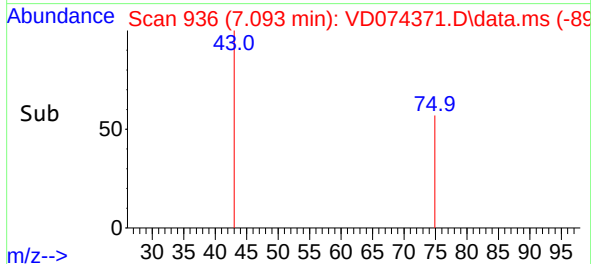
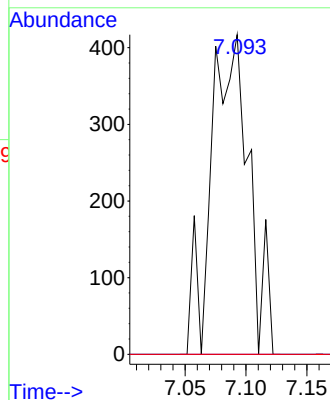
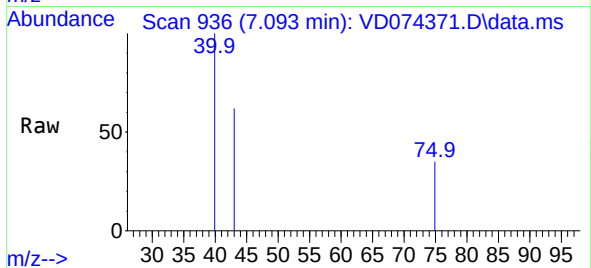




#37
Ethyl Acetate
Concen: 1.291 ug/l
RT: 7.093 min Scan# 91
Delta R.T. -0.076 min
Lab File: VD074371.D
Acq: 20 Sep 2022 17:48

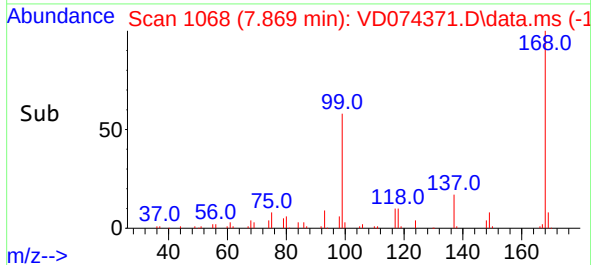
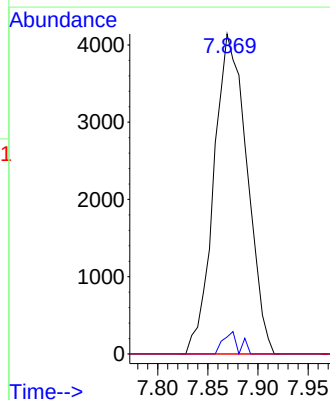
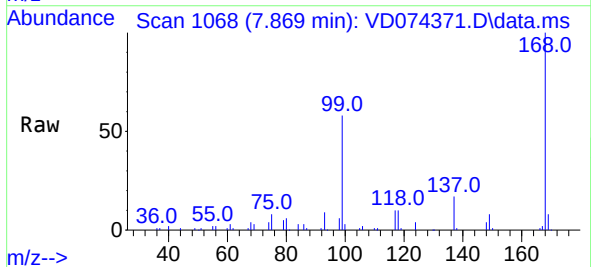
Instrument :
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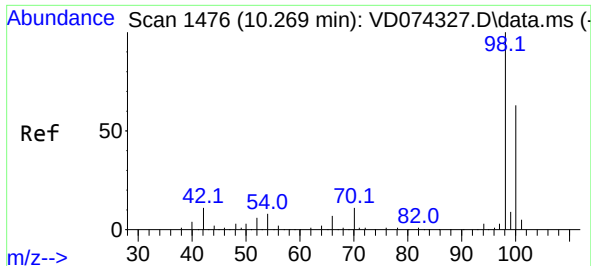
Tgt Ion: 43	Resp:	904
Ion	Ratio	Lower Upper
43	100	
61	0.0	12.1 18.1#
70	0.0	8.5 12.7#



#38
Carbon Tetrachloride
Concen: 6.161 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.118 min
Lab File: VD074371.D
Acq: 20 Sep 2022 17:48

Tgt Ion: 117	Resp:	9541
Ion	Ratio	Lower Upper
117	100	
119	5.3	78.8 118.2#
121	0.0	23.9 35.9#

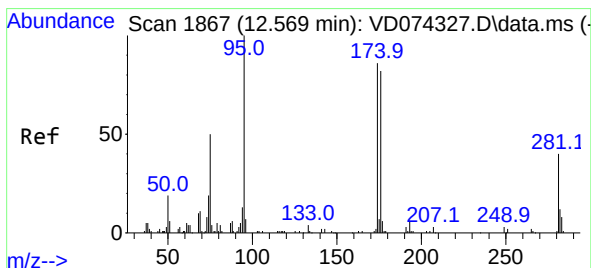
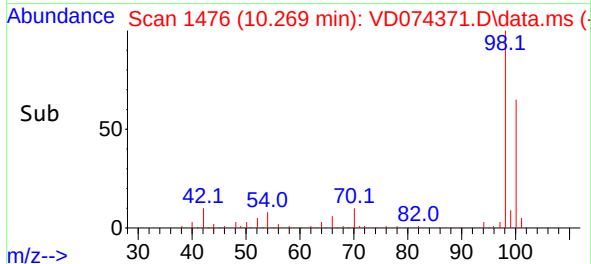
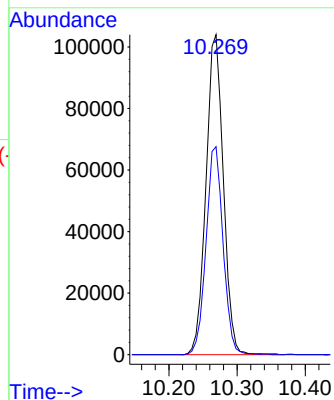
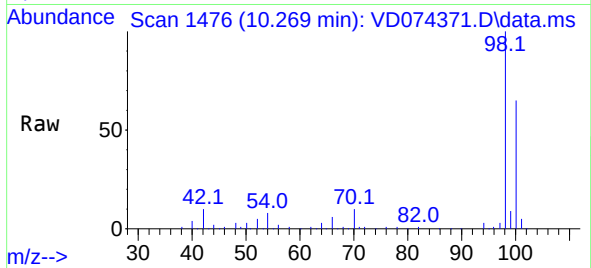




#50
Toluene-d8
Concen: 46.615 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074371.D
Acq: 20 Sep 2022 17:48

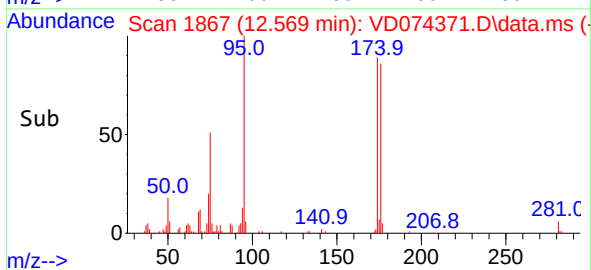
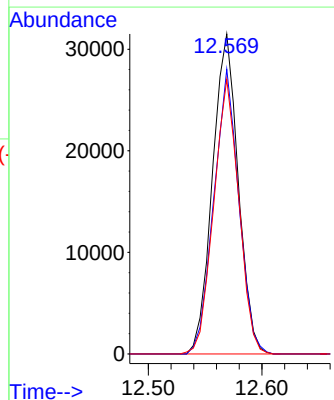
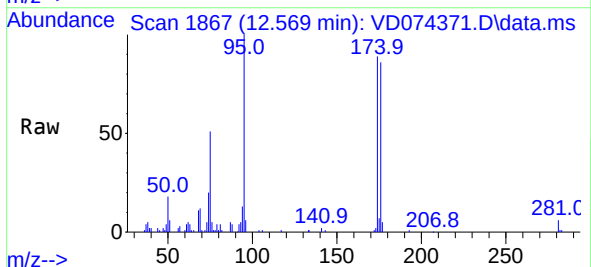
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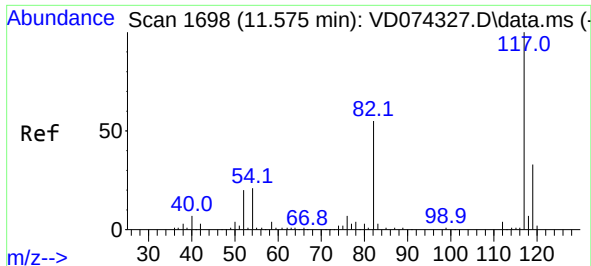
Tgt Ion: 98 Resp: 184145
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 35.321 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074371.D
Acq: 20 Sep 2022 17:48

Tgt Ion: 95 Resp: 49533
Ion Ratio Lower Upper
95 100
174 86.2 0.0 179.2
176 83.6 0.0 171.4

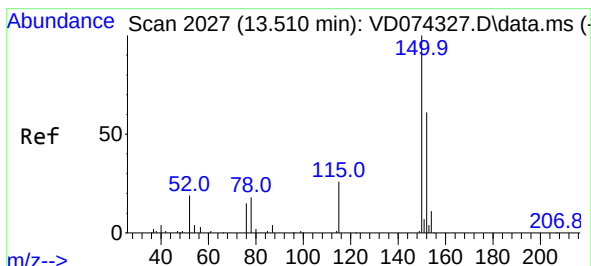
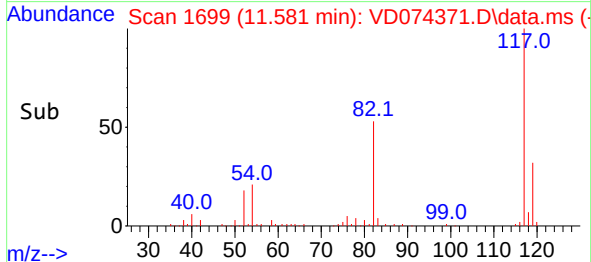
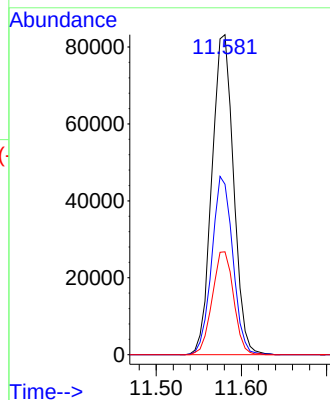
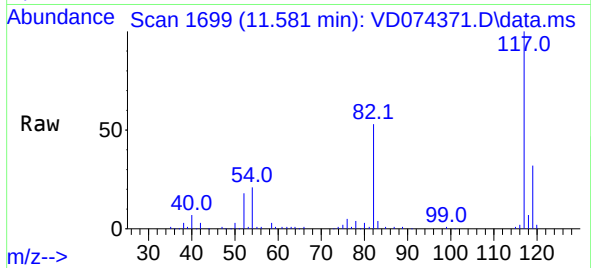




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.006 min
Lab File: VD074371.D
Acq: 20 Sep 2022 17:48

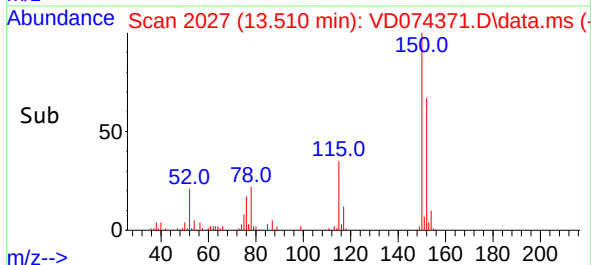
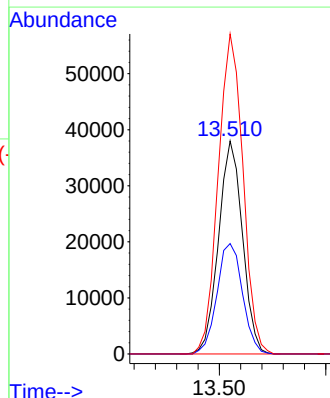
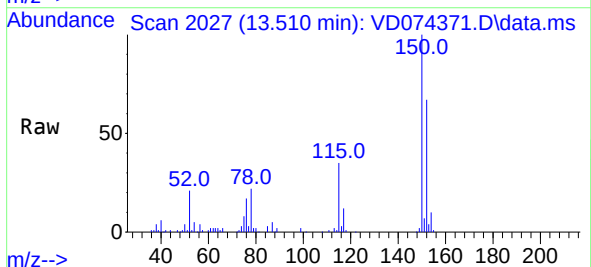
Instrument :
MSVOA_D
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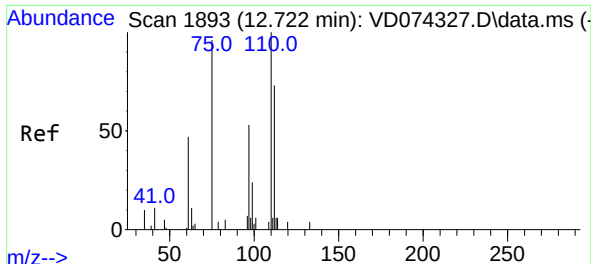
Tgt Ion:117 Resp: 146877
Ion Ratio Lower Upper
117 100
82 53.3 44.2 66.2
119 32.2 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. 0.000 min
Lab File: VD074371.D
Acq: 20 Sep 2022 17:48

Tgt Ion:152 Resp: 59257
Ion Ratio Lower Upper
152 100
115 55.3 28.4 85.2
150 155.4 0.0 351.0

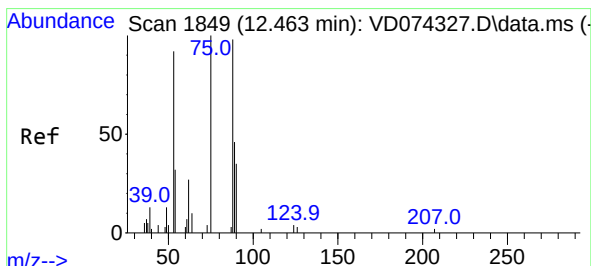
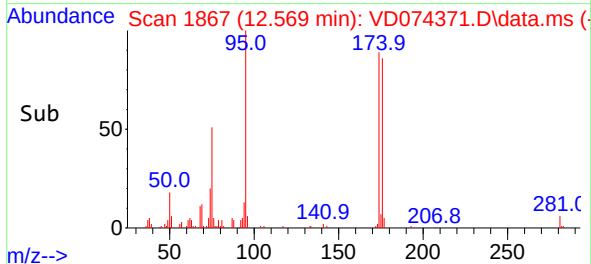
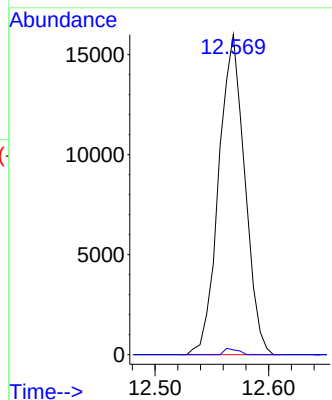
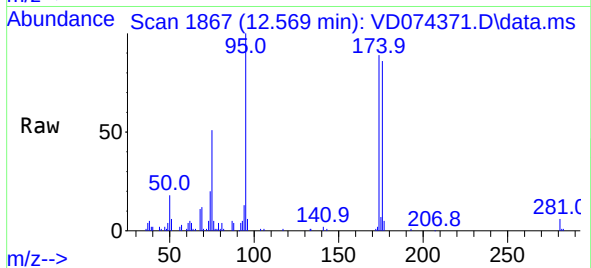




#76
1,2,3-Trichloropropane
Concen: 46.427 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD074371.D
Acq: 20 Sep 2022 17:48

Instrument :
MSVOA_D
ClientSampleId :
D22006-18

Tgt Ion: 75 Resp: 25454
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 116.358 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.106 min
Lab File: VD074371.D
Acq: 20 Sep 2022 17:48

Tgt Ion: 75 Resp: 25454
Ion Ratio Lower Upper
75 100
53 0.0 0.0 0.0
89 0.0 0.0 0.0

