

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD111722\
 Data File : VD074970.D
 Acq On : 17 Nov 2022 15:28
 Operator : VA/SY
 Sample : N5642-10RE
 Misc : 6.38G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LEFT-SIDE-FLATS-30RE

Quant Time: Nov 17 22:36:09 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)

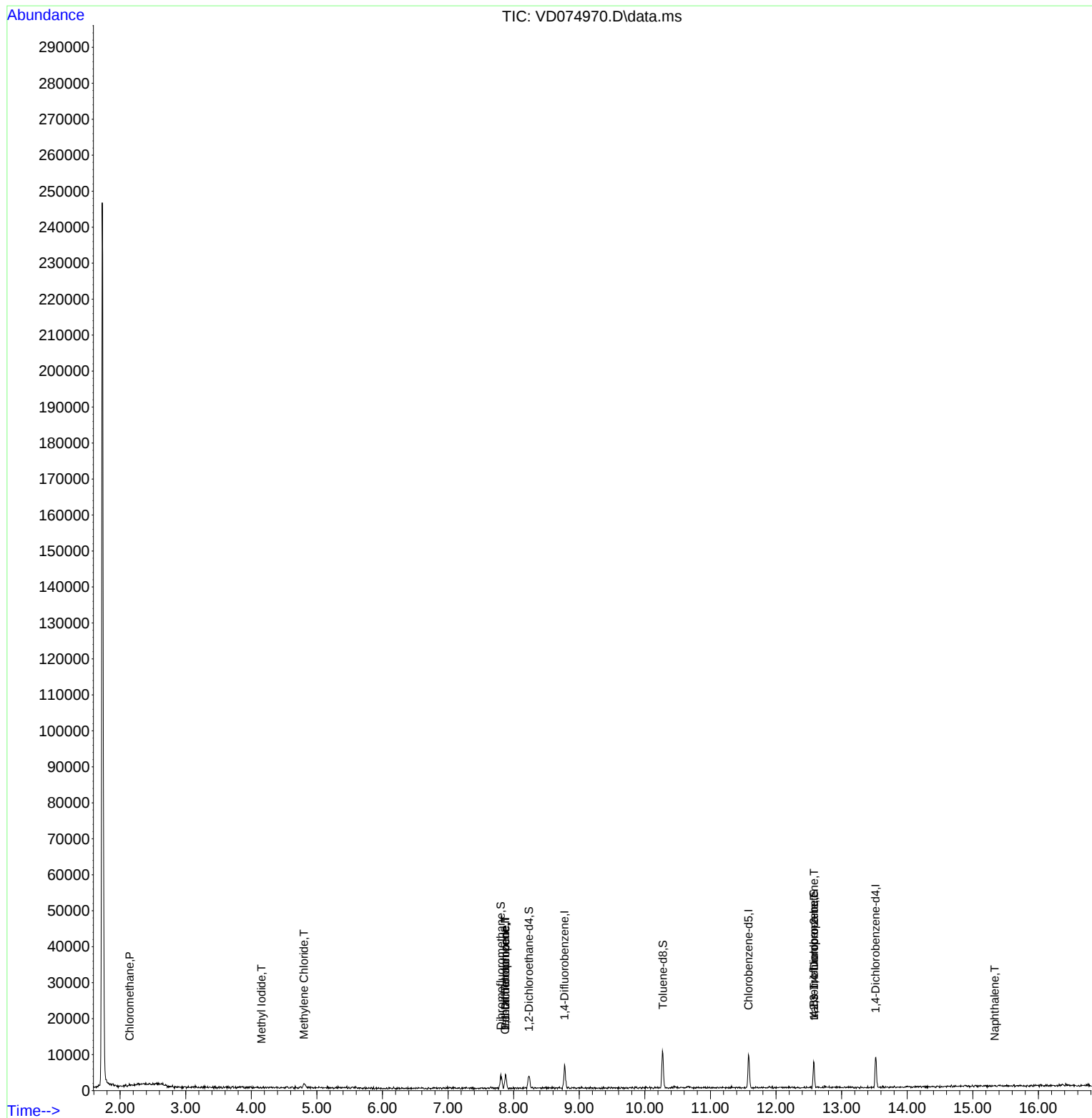
Internal Standards						
1) Pentafluorobenzene	7.875	168	4141	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	7126	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	6825	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	3037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	2733	105.957	ug/l	0.00
Spiked Amount 50.000	Range	50 - 163	Recovery	=	211.920%	#
35) Dibromofluoromethane	7.804	113	2823	64.266	ug/l	0.00
Spiked Amount 50.000	Range	54 - 147	Recovery	=	128.540%	
50) Toluene-d8	10.275	98	8423	58.211	ug/l	0.00
Spiked Amount 50.000	Range	49 - 140	Recovery	=	116.420%	
62) 4-Bromofluorobenzene	12.575	95	2611	58.764	ug/l	0.00
Spiked Amount 50.000	Range	25 - 144	Recovery	=	117.520%	
Target Compounds						Qvalue
3) Chloromethane	2.146	50	340	4.424	ug/l	# 37
10) Methyl Iodide	4.158	142	54	5.742	ug/l	# 43
20) Methylene Chloride	4.805	84	1042	6.394	ug/l	# 66
36) 1,1-Dichloropropene	7.875	75	89	1.379	ug/l	# 39
38) Carbon Tetrachloride	7.869	117	62	1.020	ug/l	# 14
76) 1,2,3-Trichloropropane	12.581	75	1300	51.178	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.581	75	1300	125.900	ug/l	# 17
95) Naphthalene	15.334	128	146	1.493	ug/l	# 69

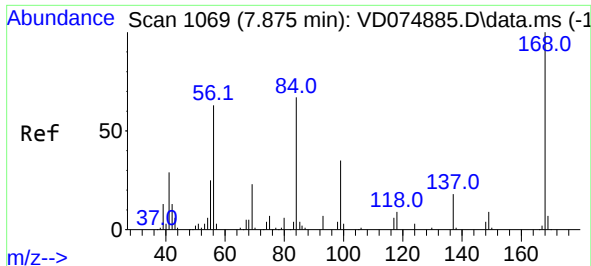
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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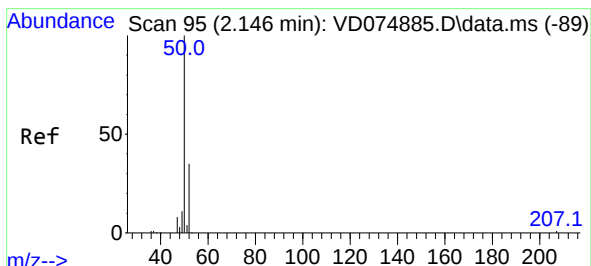
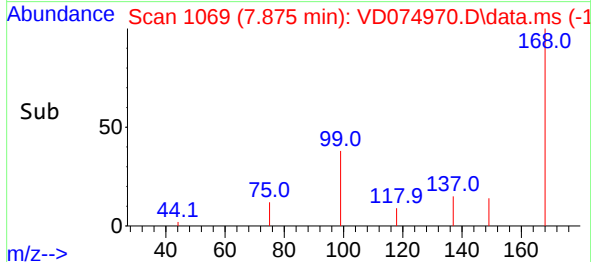
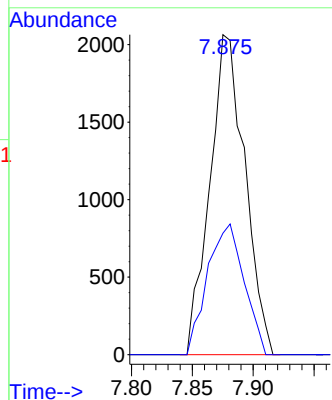
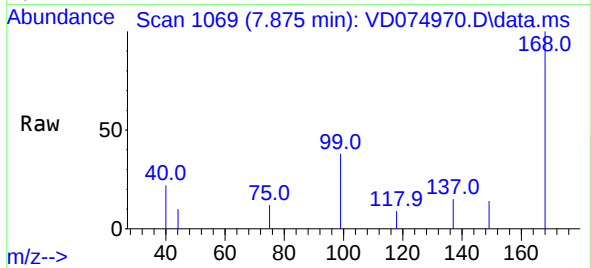




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074970.D
Acq: 17 Nov 2022 15:28

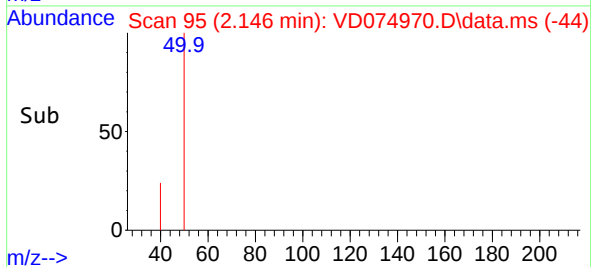
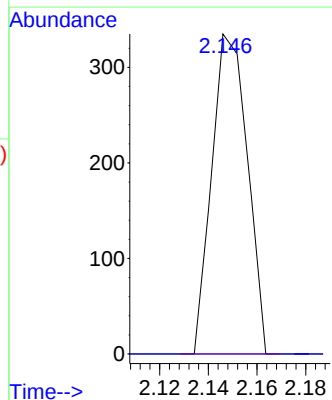
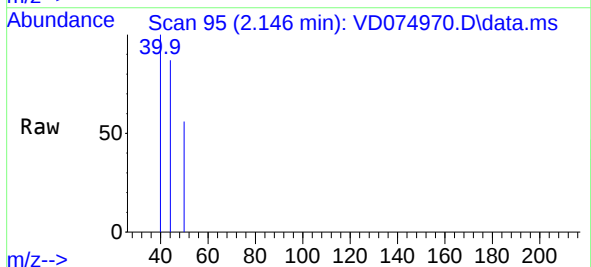
Instrument :
MSVOA_D
ClientSampleId :
LEFT-SIDE-FLATS-30RE

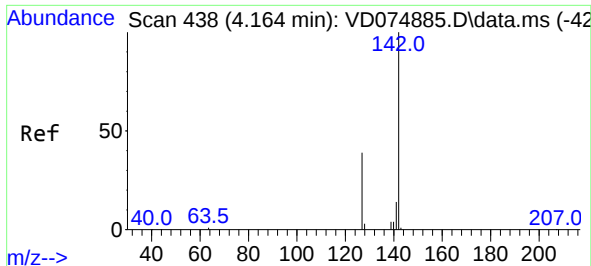
Tgt Ion:168 Resp: 4141
Ion Ratio Lower Upper
168 100
99 37.9 40.9 61.3#



#3
Chloromethane
Concen: 4.424 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD074970.D
Acq: 17 Nov 2022 15:28

Tgt Ion: 50 Resp: 340
Ion Ratio Lower Upper
50 100
52 0.0 30.0 45.0#

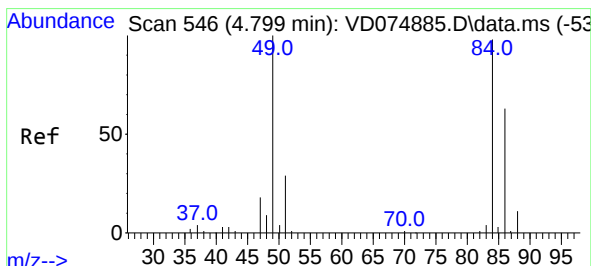
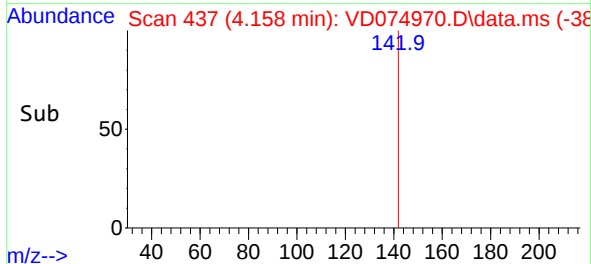
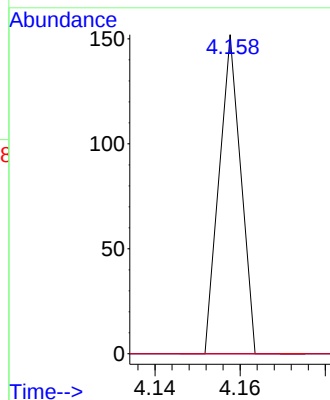
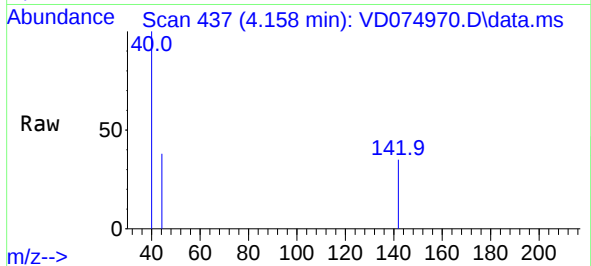




#10
Methyl Iodide
Concen: 5.742 ug/l
RT: 4.158 min Scan# 41
Delta R.T. -0.006 min
Lab File: VD074970.D
Acq: 17 Nov 2022 15:28

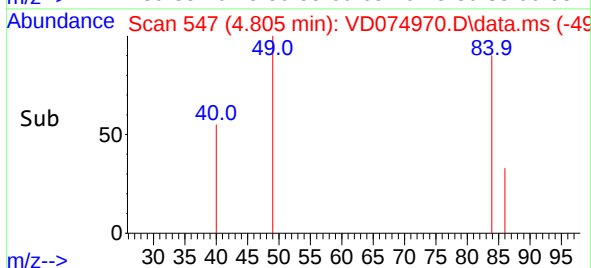
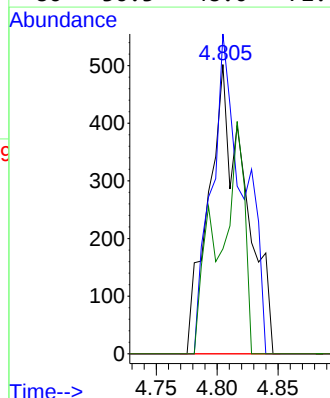
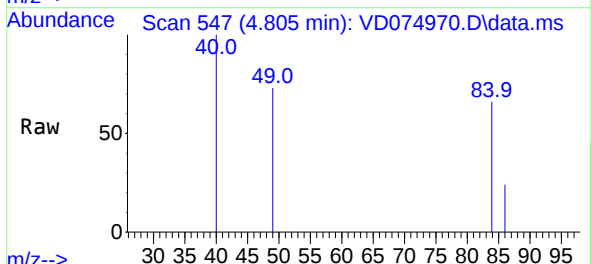
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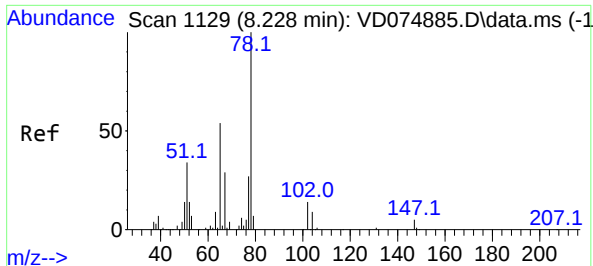
Tgt Ion:	142	Resp:	54
Ion	Ratio	Lower	Upper
142	100		
127	0.0	31.9	47.9#
141	0.0	11.4	17.2#



#20
Methylene Chloride
Concen: 6.394 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD074970.D
Acq: 17 Nov 2022 15:28

Tgt Ion:	84	Resp:	1042
Ion	Ratio	Lower	Upper
84	100		
49	110.6	68.0	102.0#
51	0.0	23.2	34.8#
86	36.3	48.0	72.0#

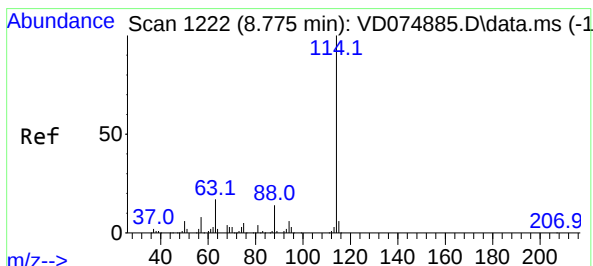
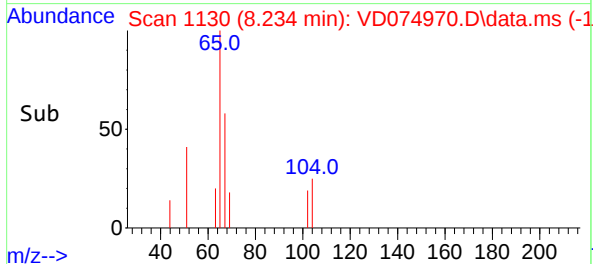
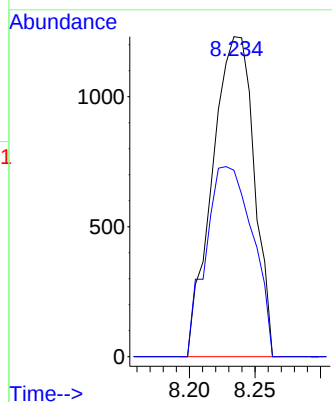
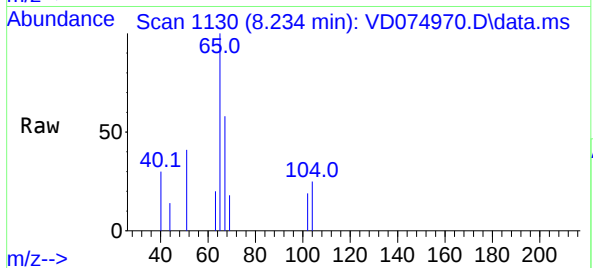




#33
1,2-Dichloroethane-d4
Concen: 105.957 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. 0.006 min
Lab File: VD074970.D
Acq: 17 Nov 2022 15:28

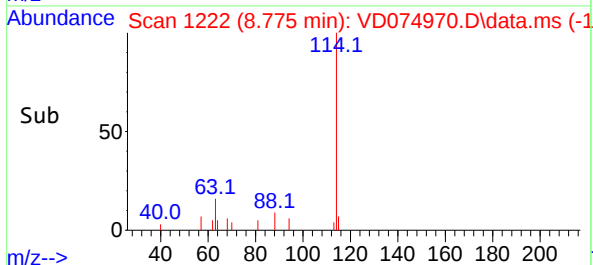
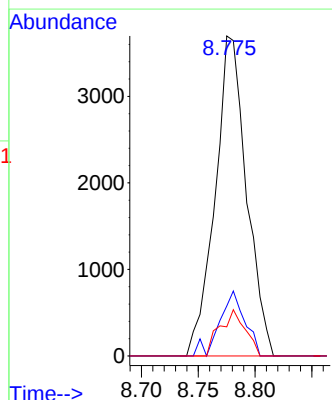
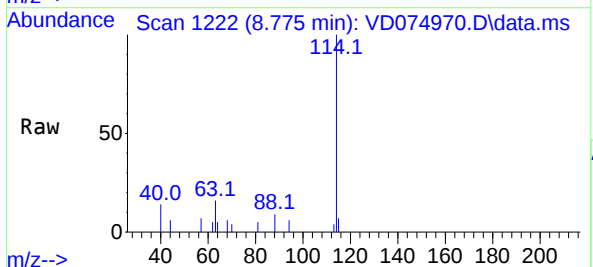
Instrument :
MSVOA_D
ClientSampleId :
LEFT-SIDE-FLATS-30RE

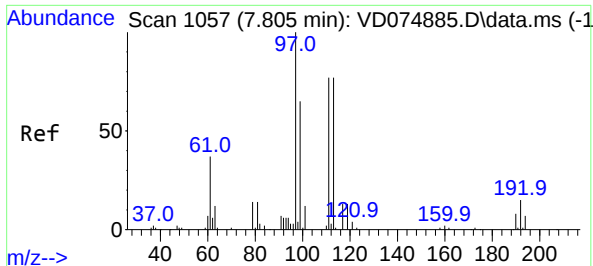
Tgt Ion: 65 Resp: 2733
Ion Ratio Lower Upper
65 100
67 66.5 0.0 110.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD074970.D
Acq: 17 Nov 2022 15:28

Tgt Ion: 114 Resp: 7126
Ion Ratio Lower Upper
114 100
63 15.6 0.0 33.2
88 9.1 0.0 28.2





#35

Dibromofluoromethane

Concen: 64.266 ug/l

RT: 7.804 min Scan# 1069

Delta R.T. -0.001 min

Lab File: VD074970.D

Acq: 17 Nov 2022 15:28

Instrument :

MSVOA_D

ClientSampleId :

LEFT-SIDE-FLATS-30RE

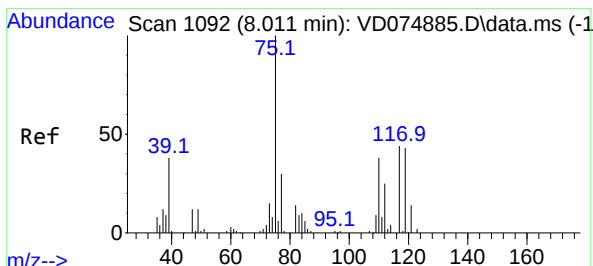
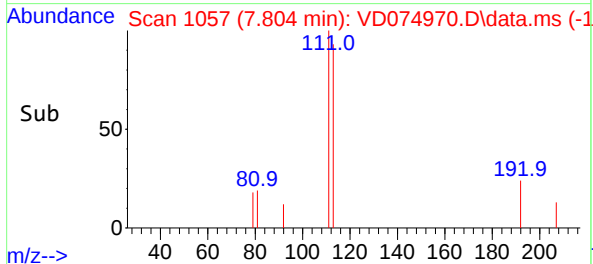
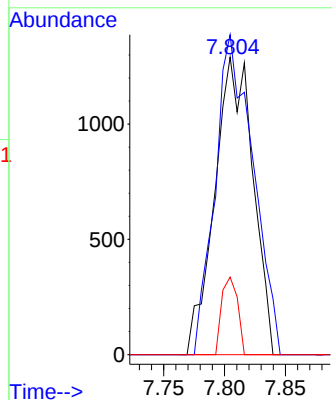
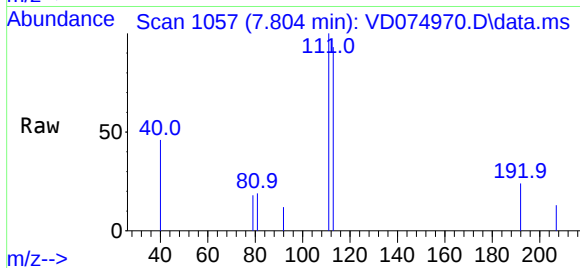
Tgt Ion:113 Resp: 2823

Ion Ratio Lower Upper

113 100

111 106.5 82.3 123.5

192 10.8 16.4 24.6#



#36

1,1-Dichloropropene

Concen: 1.379 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.136 min

Lab File: VD074970.D

Acq: 17 Nov 2022 15:28

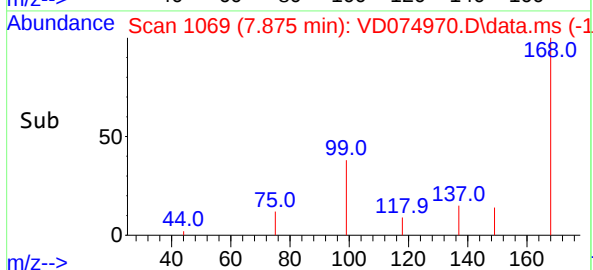
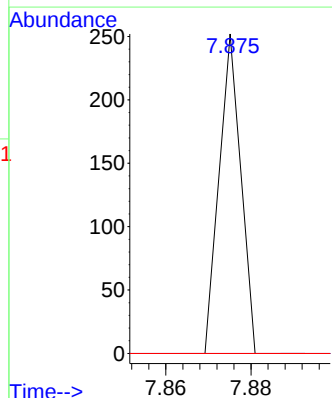
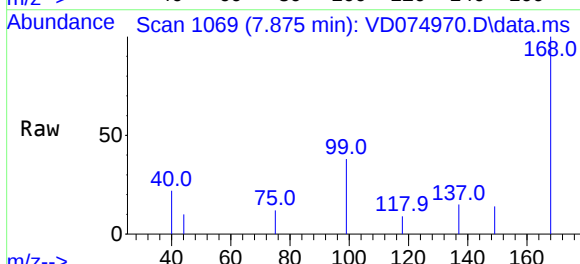
Tgt Ion: 75 Resp: 89

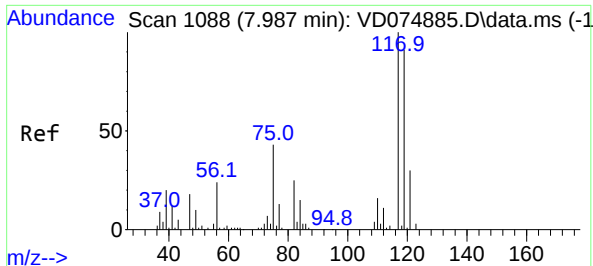
Ion Ratio Lower Upper

75 100

110 0.0 19.7 59.0#

77 0.0 25.4 38.2#

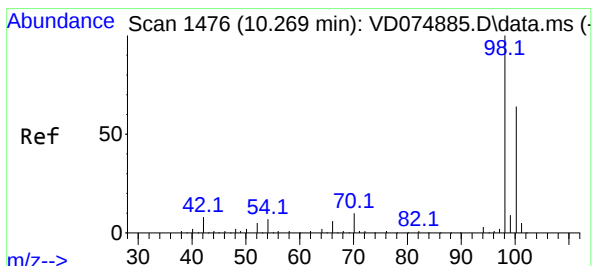
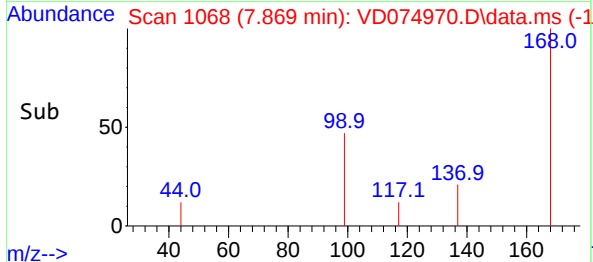
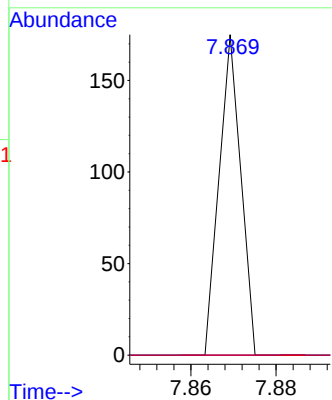
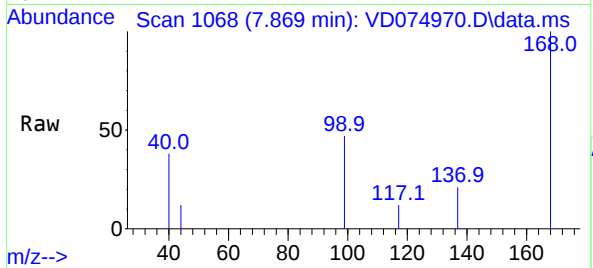




#38
Carbon Tetrachloride
Concen: 1.020 ug/l
RT: 7.869 min Scan# 1088
Delta R.T. -0.118 min
Lab File: VD074970.D
Acq: 17 Nov 2022 15:28

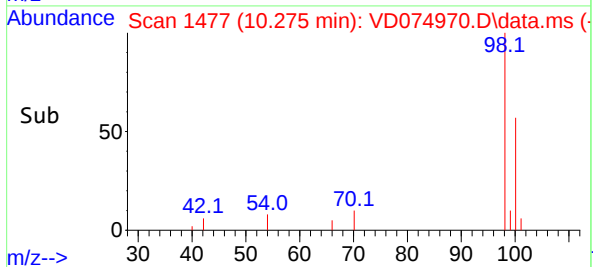
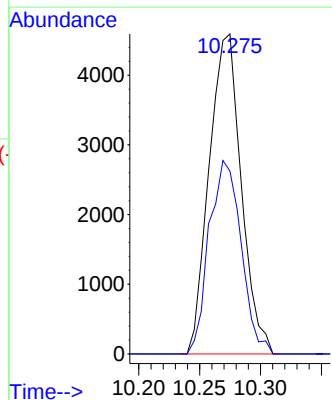
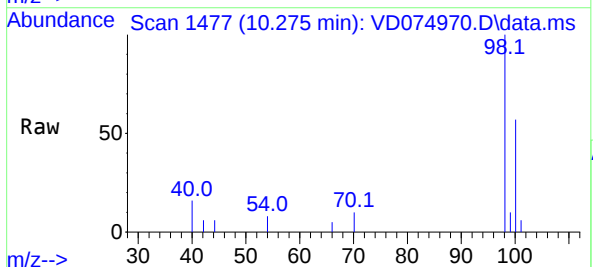
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LEFT-SIDE-FLATS-30RE

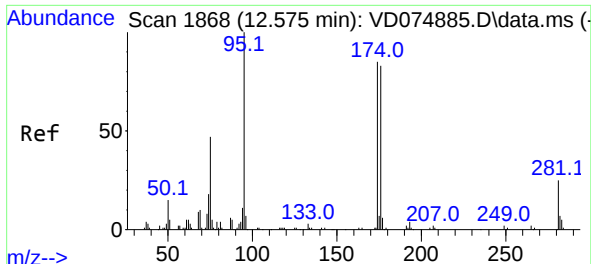
Tgt Ion:117 Resp: 62
Ion Ratio Lower Upper
117 100
119 0.0 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 58.211 ug/l
RT: 10.275 min Scan# 1477
Delta R.T. 0.006 min
Lab File: VD074970.D
Acq: 17 Nov 2022 15:28

Tgt Ion: 98 Resp: 8423
Ion Ratio Lower Upper
98 100
100 60.2 51.4 77.0

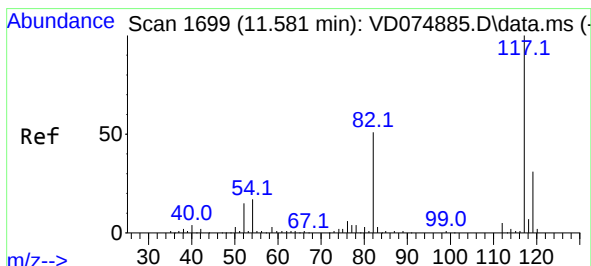
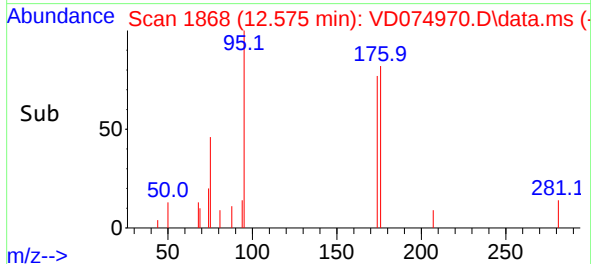
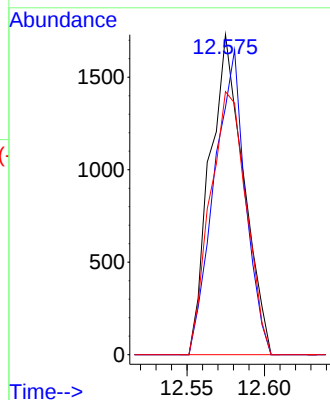
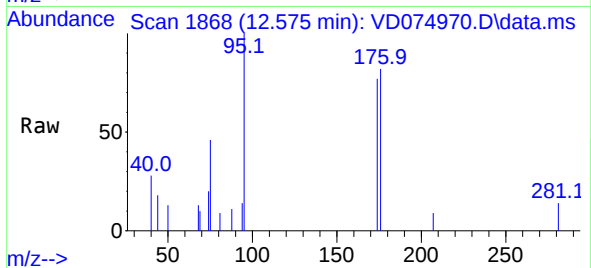




#62
4-Bromofluorobenzene
Concen: 58.764 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074970.D
Acq: 17 Nov 2022 15:28

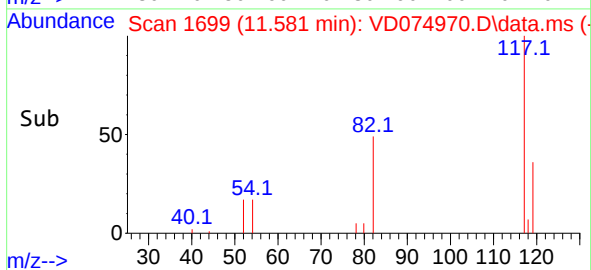
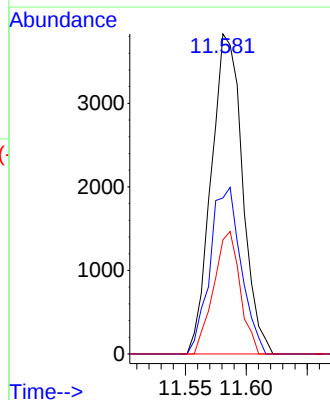
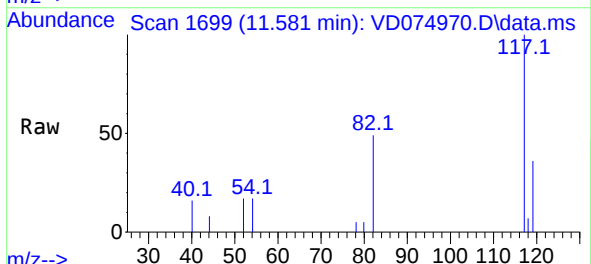
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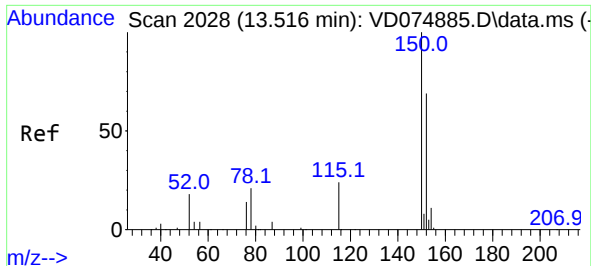
Tgt Ion:	95	Resp:	2611
Ion	Ratio	Lower	Upper
95	100		
174	88.1	0.0	197.0
176	88.0	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074970.D
Acq: 17 Nov 2022 15:28

Tgt Ion:	117	Resp:	6825
Ion	Ratio	Lower	Upper
117	100		
82	48.8	41.6	62.4
119	35.6	25.2	37.8

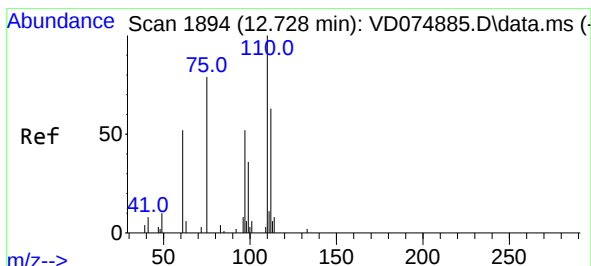
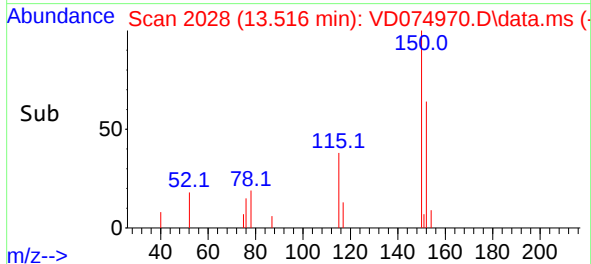
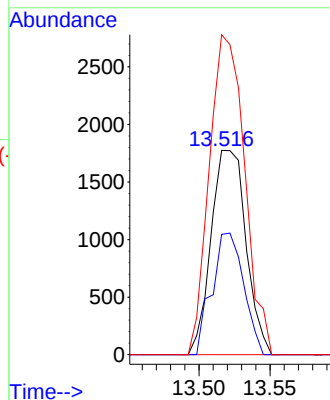
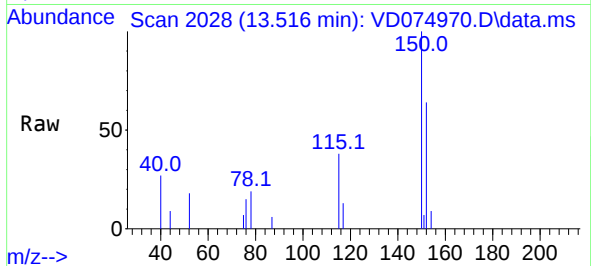




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. -0.000 min
 Lab File: VD074970.D
 Acq: 17 Nov 2022 15:28

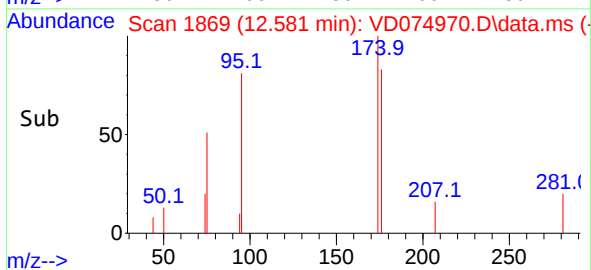
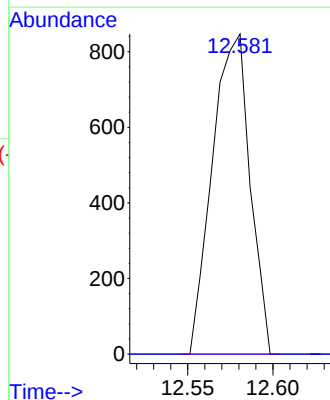
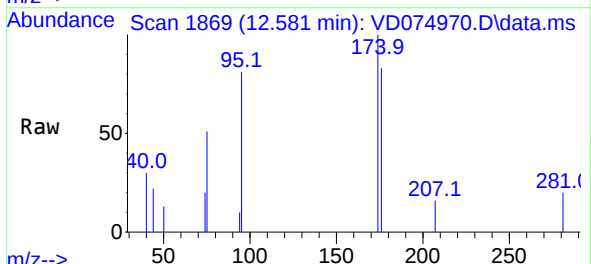
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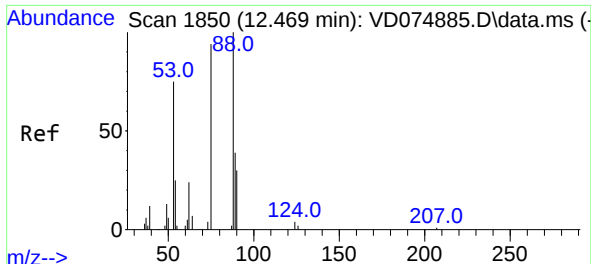
Tgt Ion:152 Resp: 3037
 Ion Ratio Lower Upper
 152 100
 115 53.9 26.8 80.4
 150 158.8 0.0 348.2



#76
 1,2,3-Trichloropropane
 Concen: 51.178 ug/l
 RT: 12.581 min Scan# 1869
 Delta R.T. -0.147 min
 Lab File: VD074970.D
 Acq: 17 Nov 2022 15:28

Tgt Ion: 75 Resp: 1300
 Ion Ratio Lower Upper
 75 100
 77 0.0 185.8 557.5#

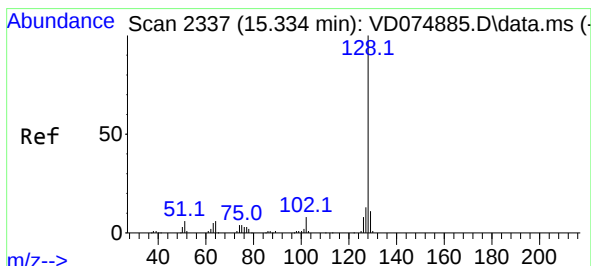
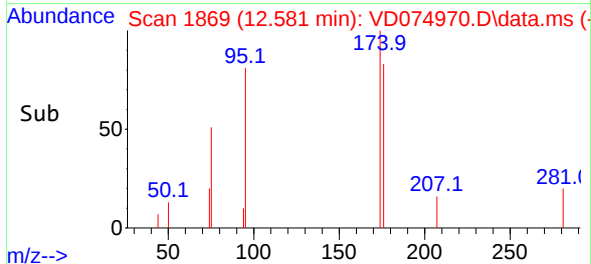
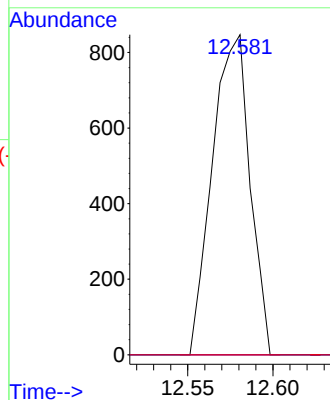
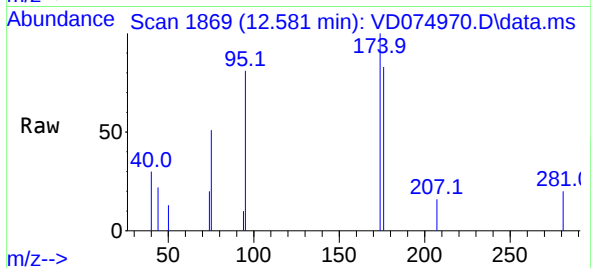




#81
trans-1,4-Dichloro-2-butene
Concen: 125.900 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.112 min
Lab File: VD074970.D
Acq: 17 Nov 2022 15:28

Instrument :
MSVOA_D
ClientSampleId :
LEFT-SIDE-FLATS-30RE

Tgt Ion: 75 Resp: 1300
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#



#95
Naphthalene
Concen: 1.493 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD074970.D
Acq: 17 Nov 2022 15:28

Tgt Ion:128 Resp: 146
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.3 12.5#

