

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012423\
 Data File : VD075186.D
 Acq On : 24 Jan 2023 14:15
 Operator : KP/SY
 Sample : 01256-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-012023

Quant Time: Jan 25 00:33:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

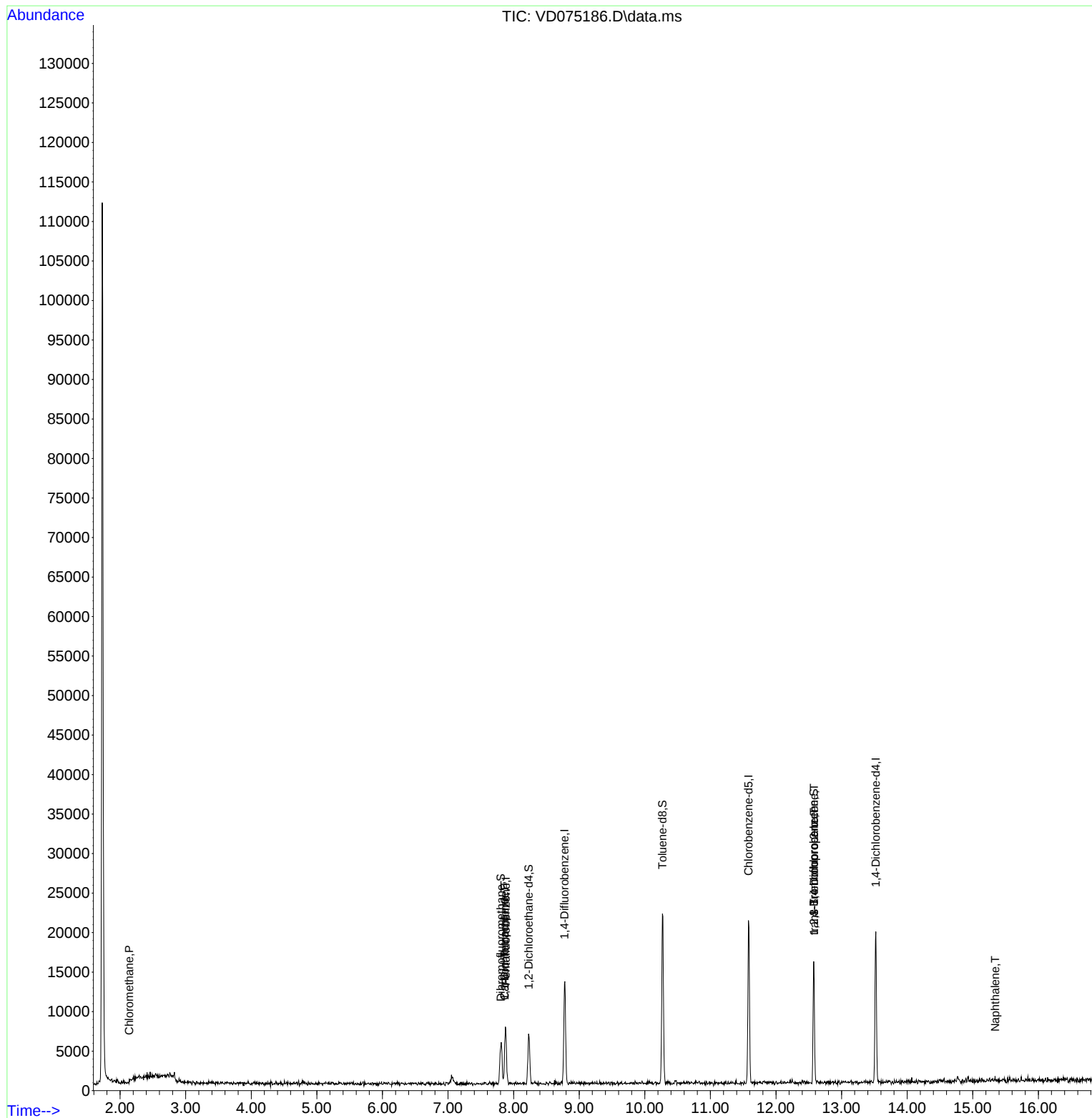
Internal Standards						
1) Pentafluorobenzene	7.881	168	6167	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	11934	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	12315	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	5434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	4523	71.874	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 143.740%	
35) Dibromofluoromethane	7.805	113	4143	57.451	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 114.900%	
50) Toluene-d8	10.269	98	15371	54.135	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.280%	
62) 4-Bromofluorobenzene	12.575	95	5102	56.618	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 113.240%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	122	1.531	ug/l	# 41
36) 1,1-Dichloropropene	7.863	75	574	4.954	ug/l	# 41
38) Carbon Tetrachloride	7.863	117	564	5.781	ug/l	# 14
76) 1,2,3-Trichloropropane	12.581	75	2595	56.386	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.581	75	2595	130.792	ug/l	# 14
95) Naphthalene	15.339	128	431	2.028	ug/l	# 69

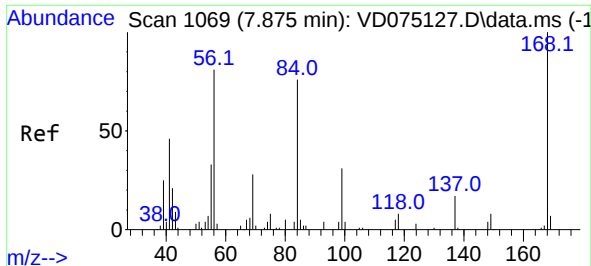
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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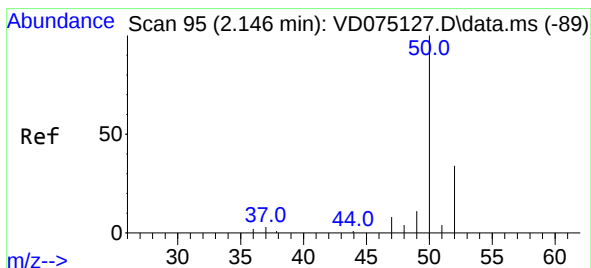
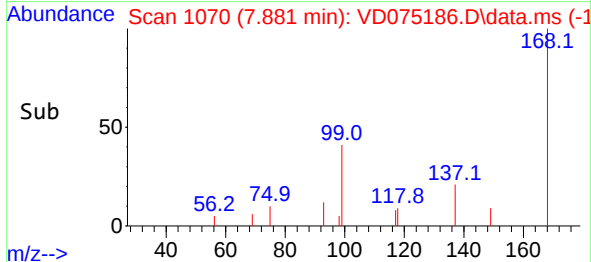
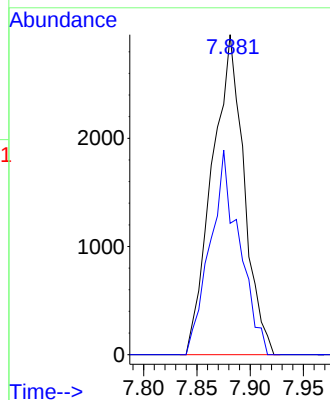
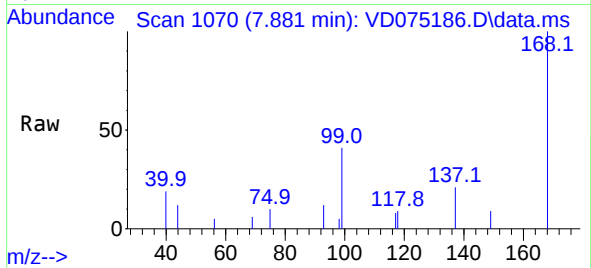




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD075186.D
Acq: 24 Jan 2023 14:15

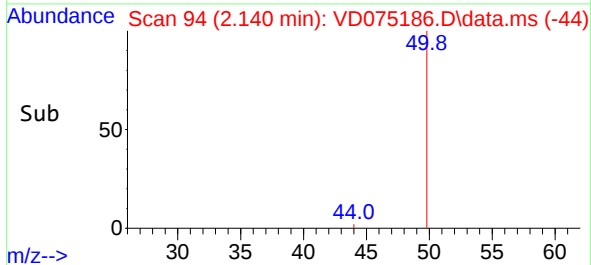
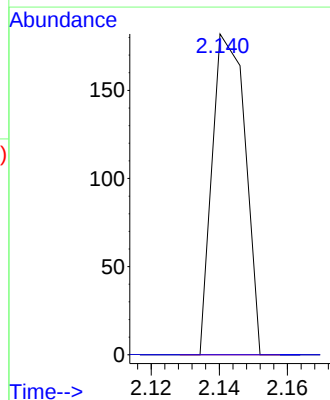
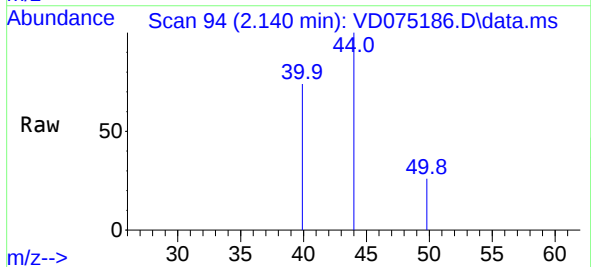
Instrument :
MSVOA_D
ClientSampleId :
OR-02-012023

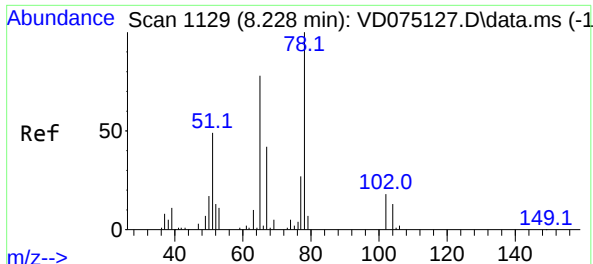
Tgt Ion:168 Resp: 6167
Ion Ratio Lower Upper
168 100
99 41.0 45.2 67.8#



#3
Chloromethane
Concen: 1.531 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD075186.D
Acq: 24 Jan 2023 14:15

Tgt Ion: 50 Resp: 122
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#

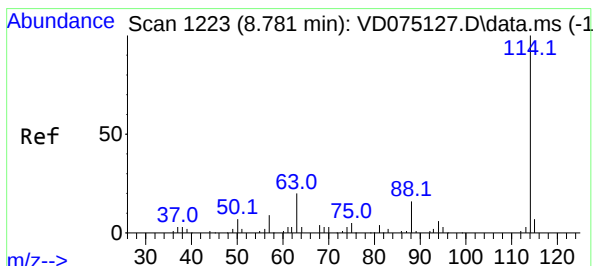
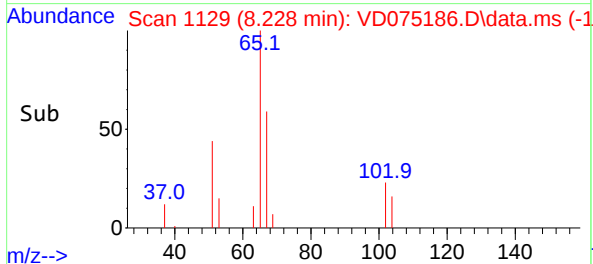
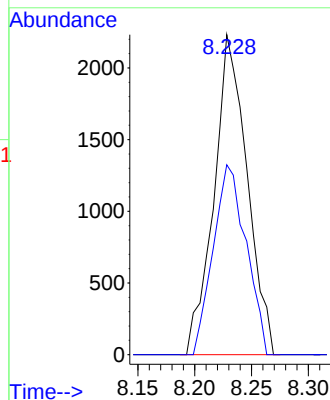
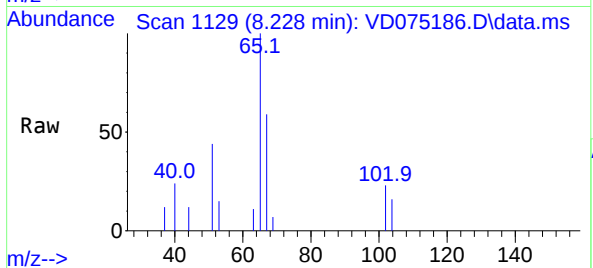




#33
1,2-Dichloroethane-d4
Concen: 71.874 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD075186.D
Acq: 24 Jan 2023 14:15

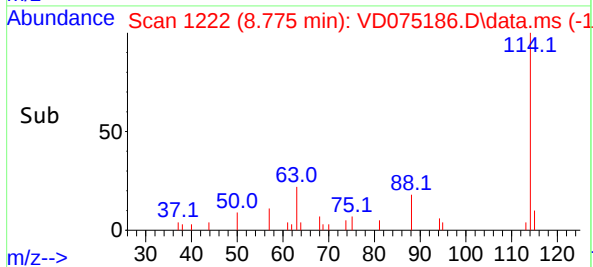
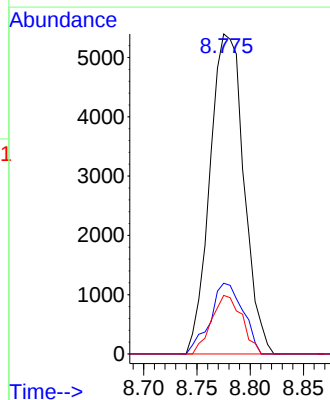
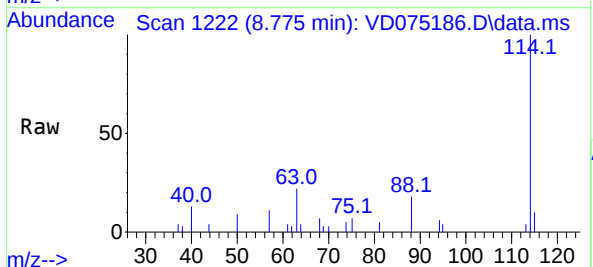
Instrument :
MSVOA_D
ClientSampleId :
OR-02-012023

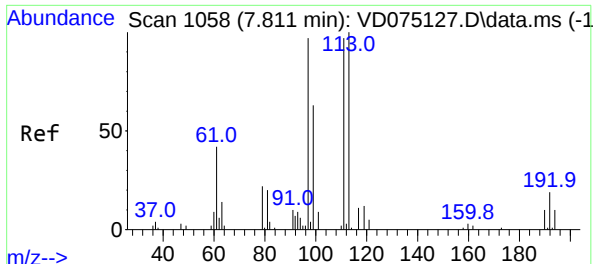
Tgt Ion: 65 Resp: 4523
Ion Ratio Lower Upper
65 100
67 58.9 0.0 105.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. -0.006 min
Lab File: VD075186.D
Acq: 24 Jan 2023 14:15

Tgt Ion: 114 Resp: 11934
Ion Ratio Lower Upper
114 100
63 22.1 0.0 40.2
88 18.3 0.0 32.2

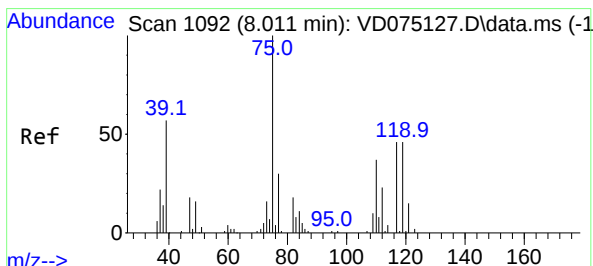
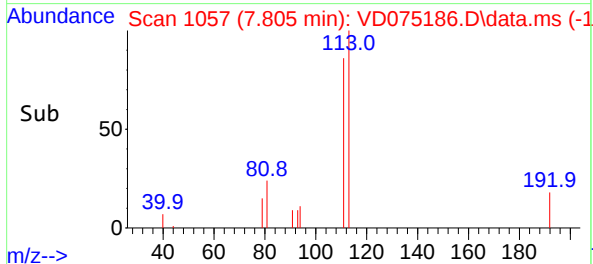
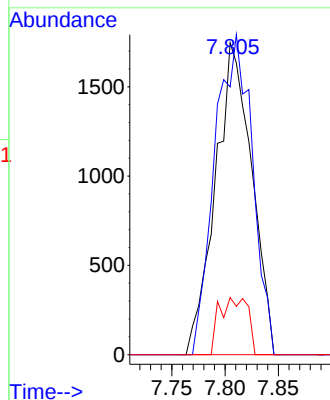
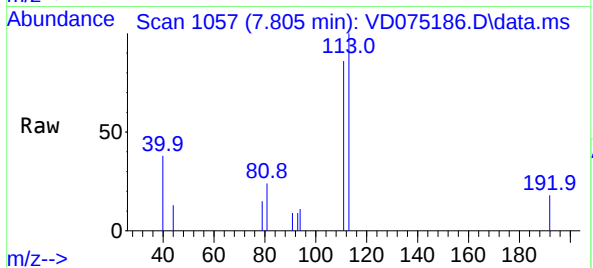




#35
Dibromofluoromethane
Concen: 57.451 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD075186.D
Acq: 24 Jan 2023 14:15

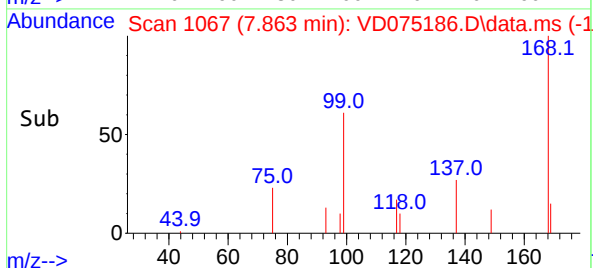
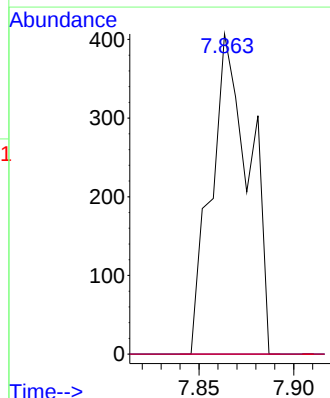
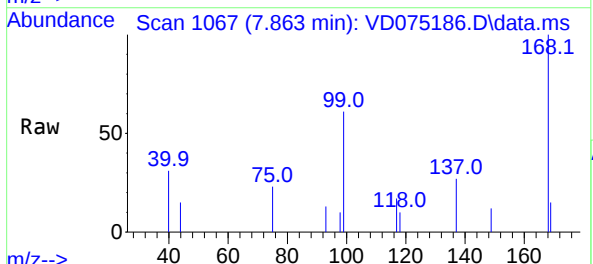
Instrument :
MSVOA_D
ClientSampleId :
OR-02-012023

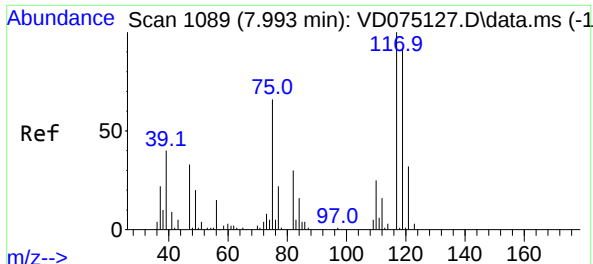
Tgt Ion:113 Resp: 4143
Ion Ratio Lower Upper
113 100
111 105.8 80.1 120.1
192 14.3 15.4 23.0#



#36
1,1-Dichloropropene
Concen: 4.954 ug/l
RT: 7.863 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VD075186.D
Acq: 24 Jan 2023 14:15

Tgt Ion: 75 Resp: 574
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.4#
77 0.0 25.1 37.7#

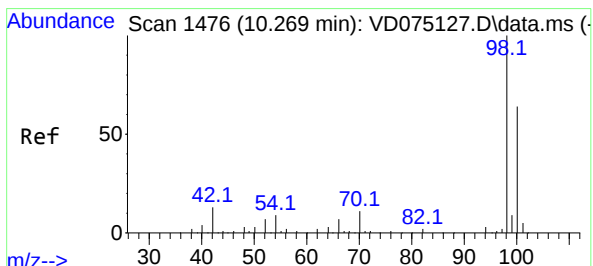
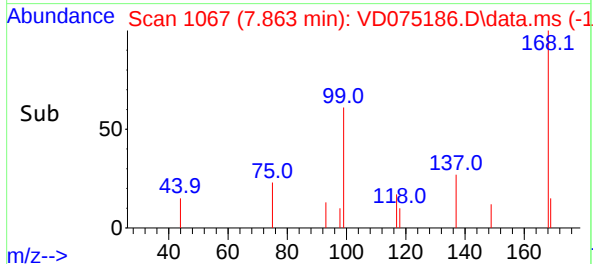
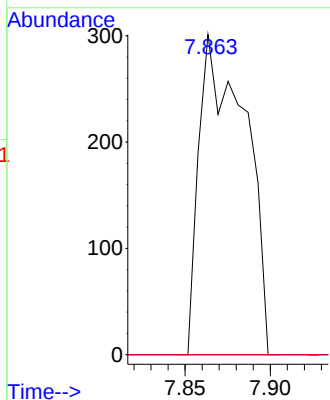
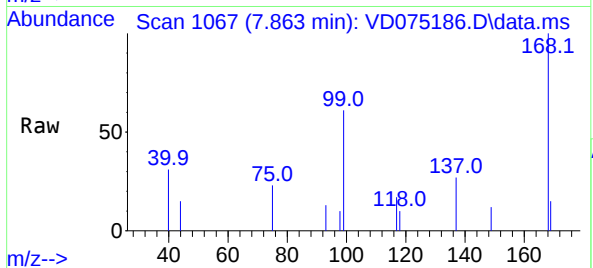




#38
Carbon Tetrachloride
Concen: 5.781 ug/l
RT: 7.863 min Scan# 1089
Delta R.T. -0.129 min
Lab File: VD075186.D
Acq: 24 Jan 2023 14:15

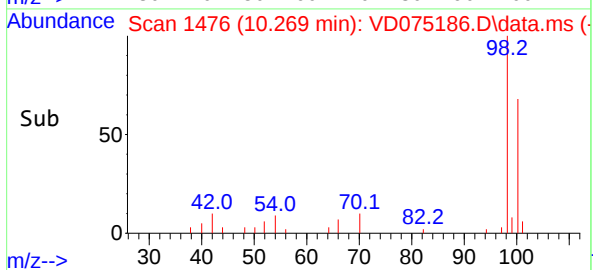
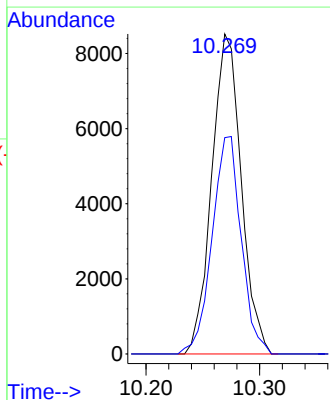
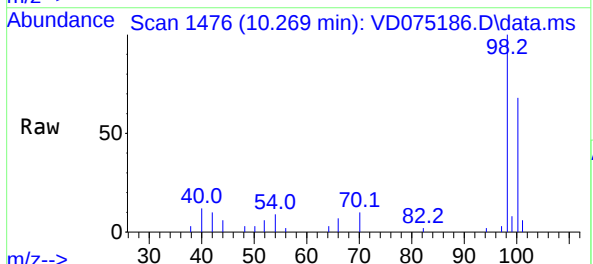
Instrument :
MSVOA_D
ClientSampleId :
OR-02-012023

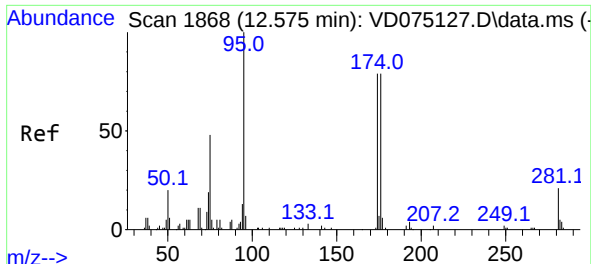
Tgt Ion:117 Resp: 564
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 54.135 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075186.D
Acq: 24 Jan 2023 14:15

Tgt Ion: 98 Resp: 15371
Ion Ratio Lower Upper
98 100
100 67.0 52.7 79.1

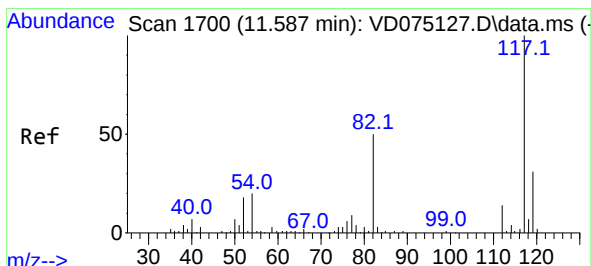
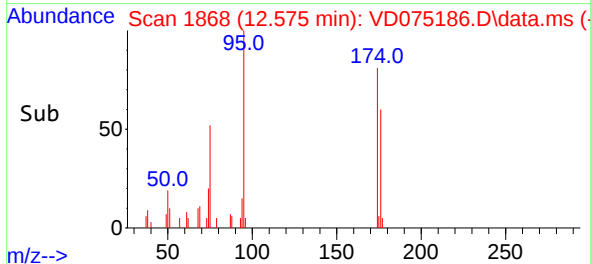
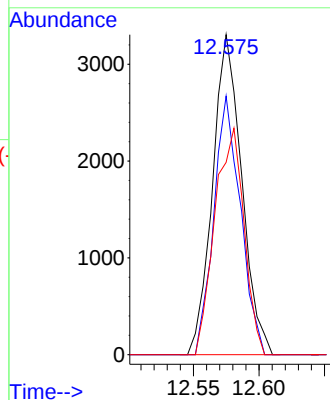
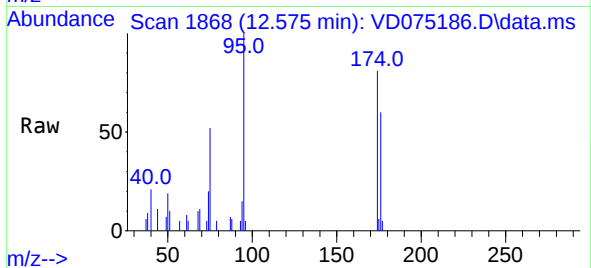




#62
4-Bromofluorobenzene
Concen: 56.618 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075186.D
Acq: 24 Jan 2023 14:15

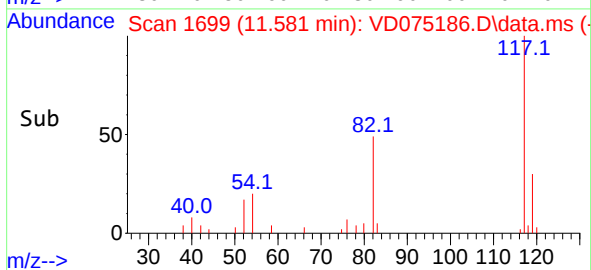
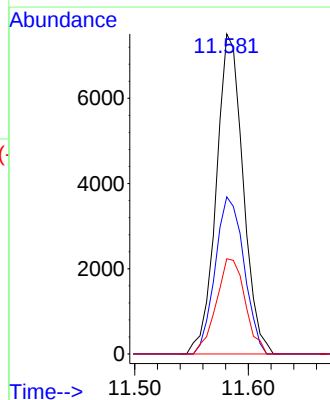
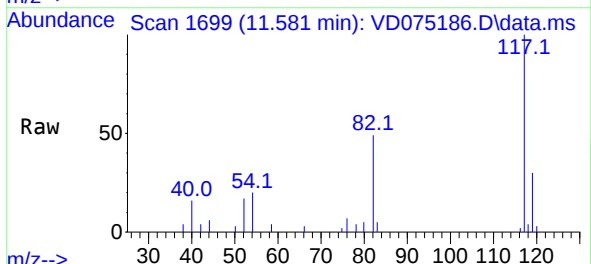
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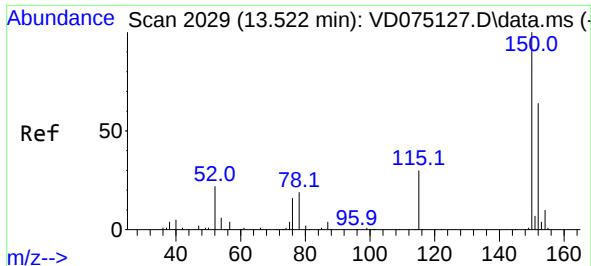
Tgt Ion:	95	Resp:	5102
Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	161.2
176	70.9	0.0	160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075186.D
Acq: 24 Jan 2023 14:15

Tgt Ion:	117	Resp:	12315
Ion	Ratio	Lower	Upper
117	100		
82	49.1	39.6	59.4
119	29.8	24.6	37.0

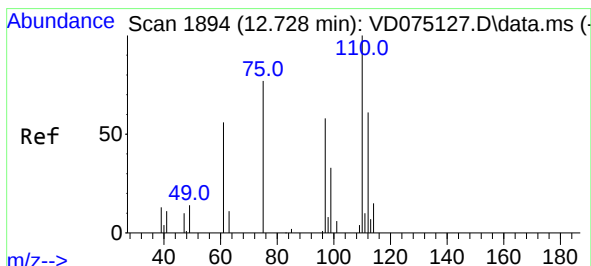
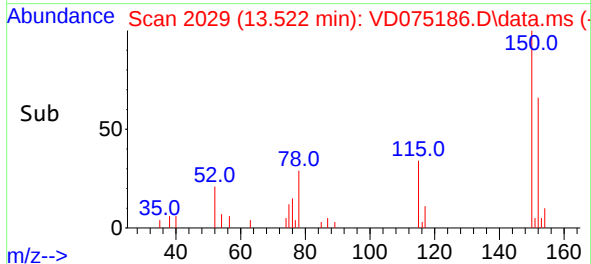
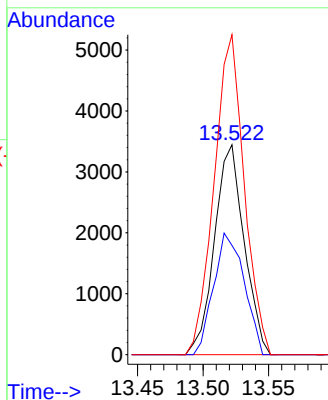
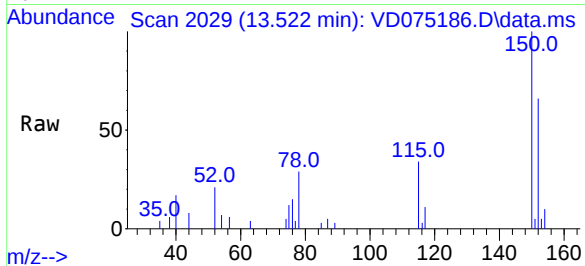




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075186.D
Acq: 24 Jan 2023 14:15

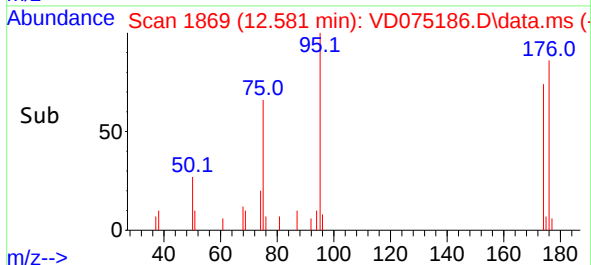
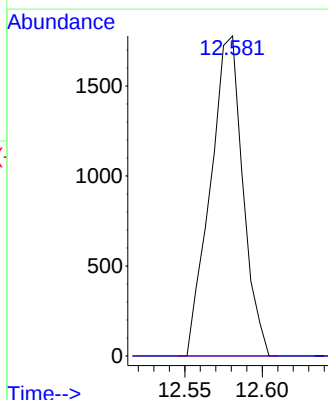
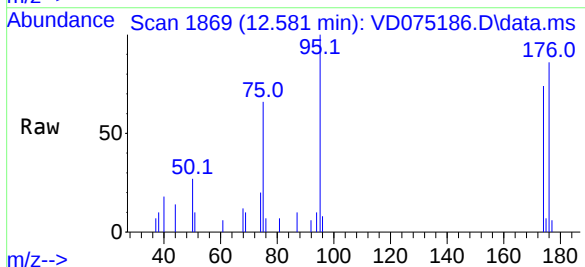
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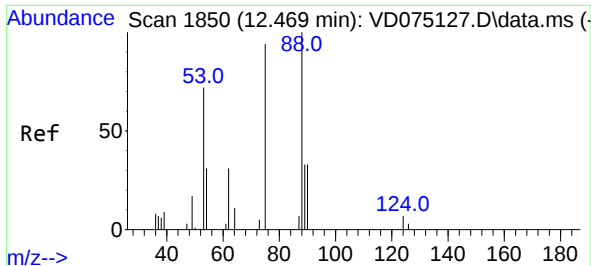
Tgt Ion:152 Resp: 5434
Ion Ratio Lower Upper
152 100
115 59.4 28.8 86.4
150 154.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 56.386 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. -0.147 min
Lab File: VD075186.D
Acq: 24 Jan 2023 14:15

Tgt Ion: 75 Resp: 2595
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

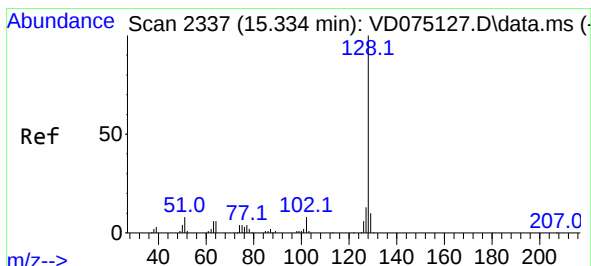
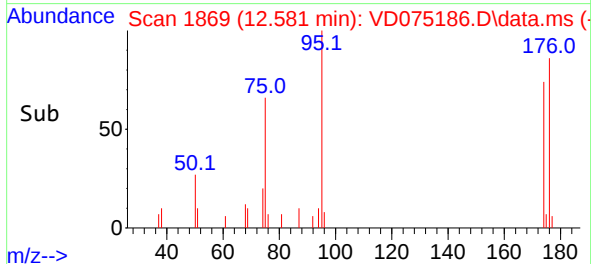
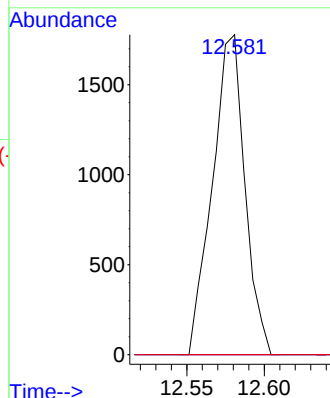
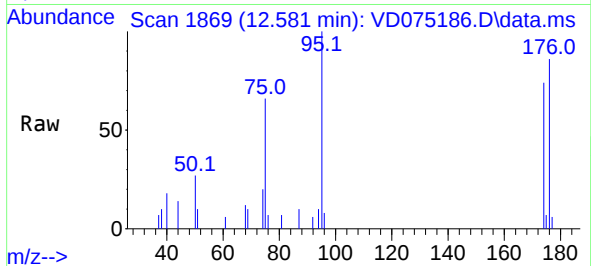




#81
trans-1,4-Dichloro-2-butene
Concen: 130.792 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.112 min
Lab File: VD075186.D
Acq: 24 Jan 2023 14:15

Instrument :
MSVOA_D
ClientSampleId :
OR-02-012023

Tgt Ion: 75 Resp: 2595
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#



#95
Naphthalene
Concen: 2.028 ug/l
RT: 15.339 min Scan# 2338
Delta R.T. 0.006 min
Lab File: VD075186.D
Acq: 24 Jan 2023 14:15

Tgt Ion: 128 Resp: 431
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.7 13.1#

