

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012523\
 Data File : VD075197.D
 Acq On : 25 Jan 2023 11:45
 Operator : KP/SY
 Sample : 01256-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-02-012023RE

Quant Time: Jan 25 15:55:58 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)

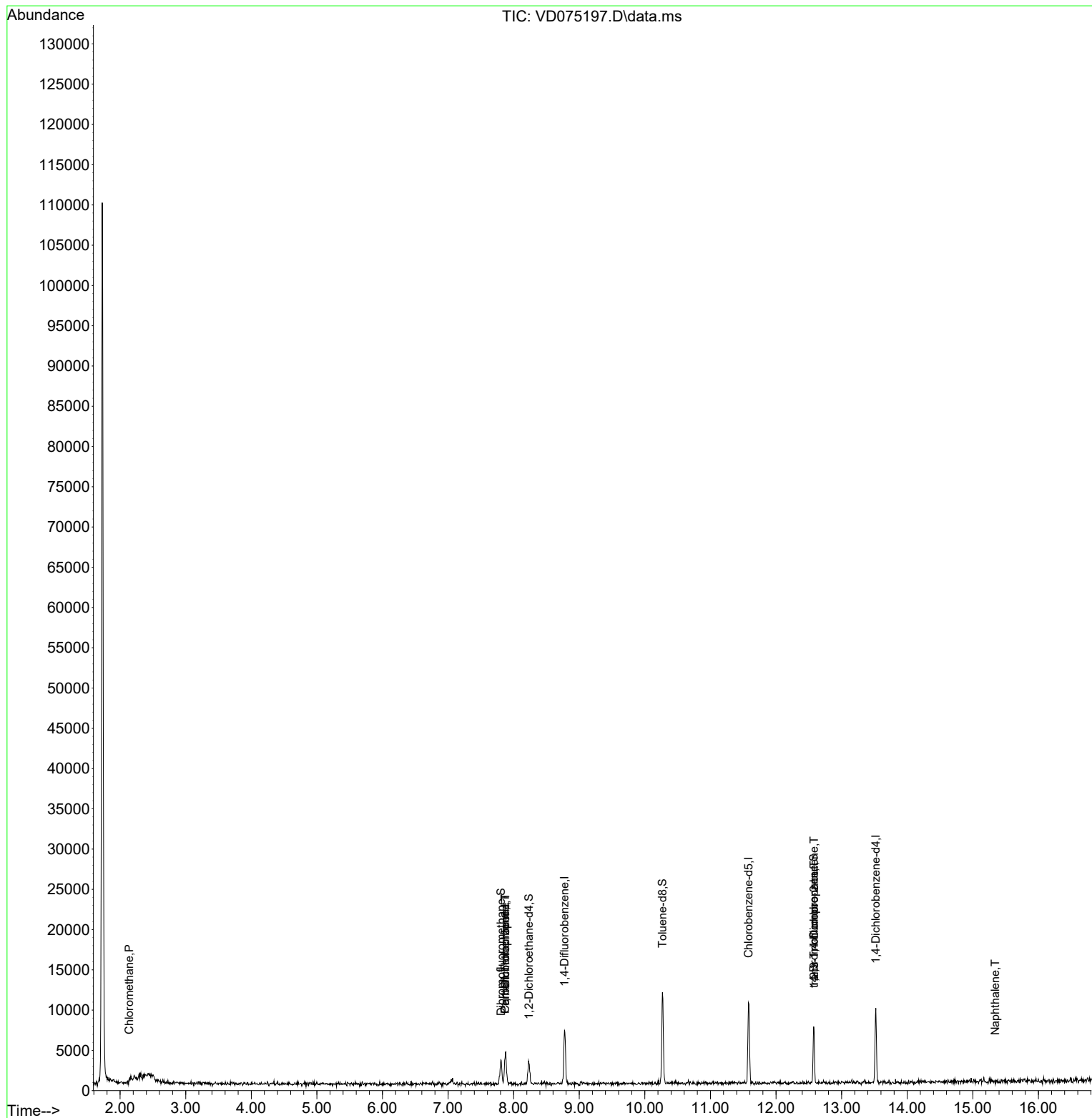
Internal Standards						
1) Pentafluorobenzene	7.869	168	3727	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	6917	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	6817	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	2640	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	2633	69.233	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 138.460%	
35) Dibromofluoromethane	7.810	113	2323	55.578	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.160%	
50) Toluene-d8	10.269	98	8377	50.902	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 101.800%	
62) 4-Bromofluorobenzene	12.575	95	2702	51.733	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.460%	
Target Compounds						Qvalue
3) Chloromethane	2.140	50	114	2.368	ug/l #	41
36) 1,1-Dichloropropene	7.875	75	153	2.278	ug/l #	41
38) Carbon Tetrachloride	7.869	117	142	2.511	ug/l #	14
76) 1,2,3-Trichloropropane	12.581	75	1274	56.980	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.581	75	1274	132.169	ug/l #	14
95) Naphthalene	15.339	128	156	1.511	ug/l #	69

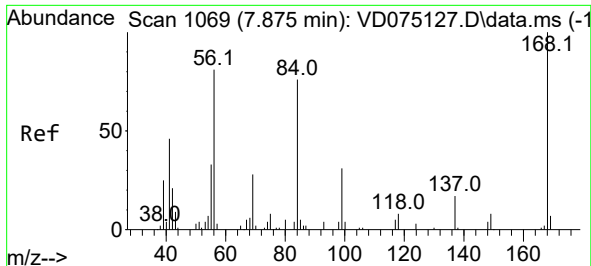
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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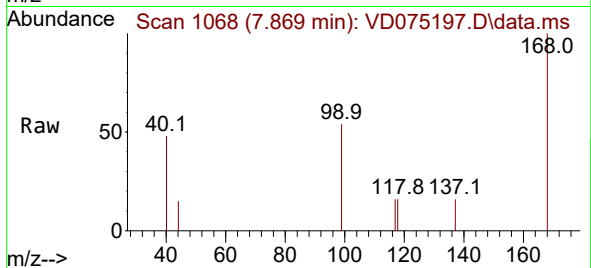
Quant Time: Jan 25 15:55:58 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 19 01:32:27 2023
Response via : Initial Calibration



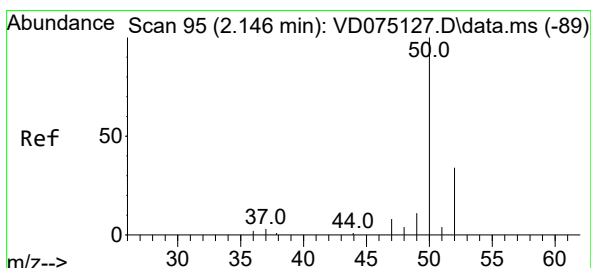
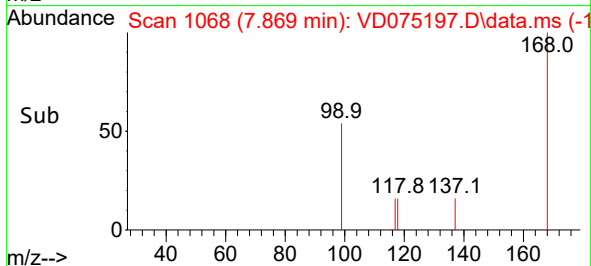
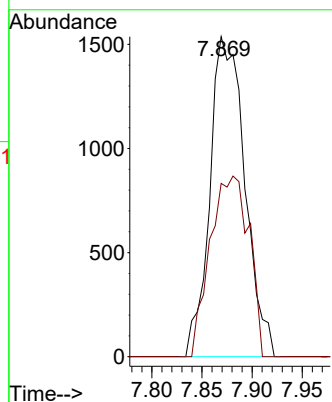


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD075197.D
Acq: 25 Jan 2023 11:45

Instrument :
MSVOA_D
ClientSampleId :
OR-02-012023RE

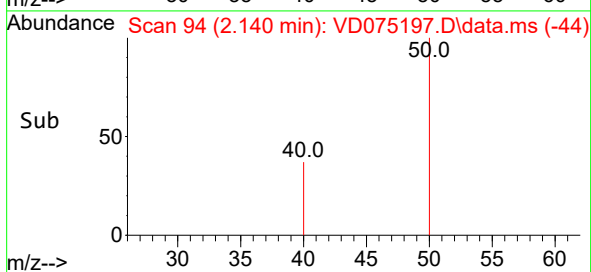
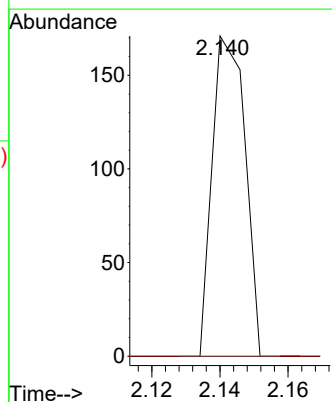
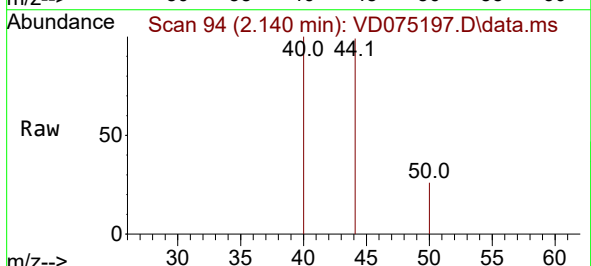


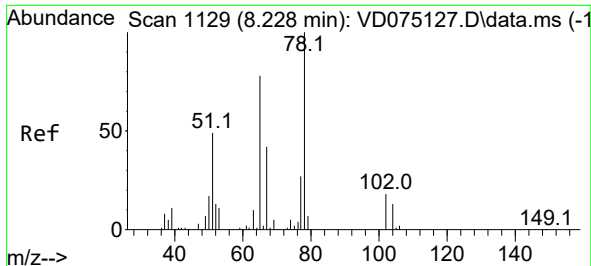
Tgt Ion:168 Resp: 3727
Ion Ratio Lower Upper
168 100
99 54.1 45.2 67.8



#3
Chloromethane
Concen: 2.368 ug/l
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD075197.D
Acq: 25 Jan 2023 11:45

Tgt Ion: 50 Resp: 114
Ion Ratio Lower Upper
50 100
52 0.0 27.0 40.6#





#33

1,2-Dichloroethane-d4

Concen: 69.233 ug/l

RT: 8.234 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VD075197.D

Acq: 25 Jan 2023 11:45

Instrument :

MSVOA_D

ClientSampleId :

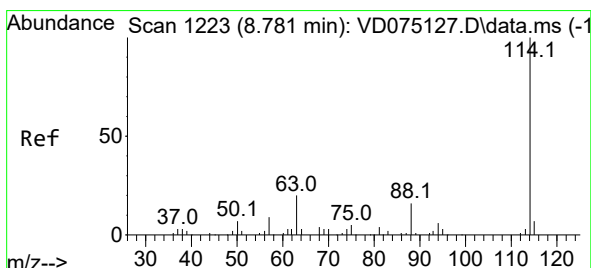
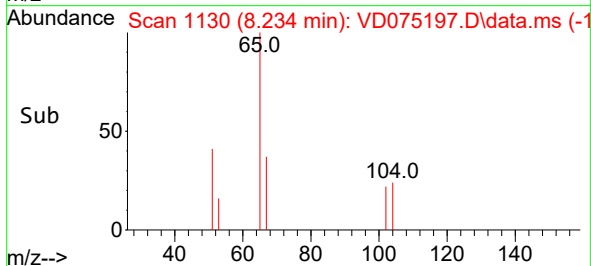
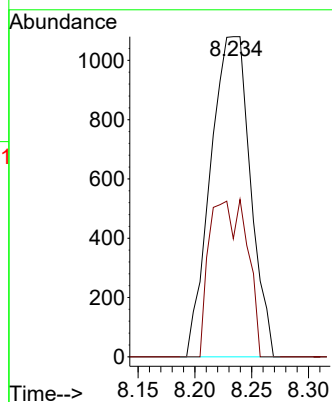
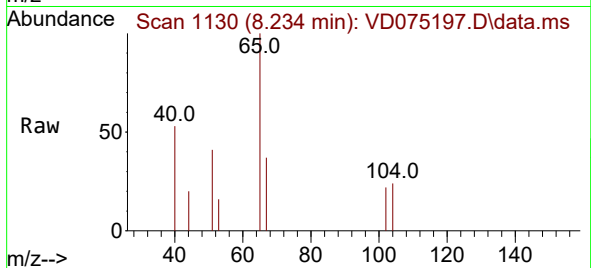
OR-02-012023RE

Tgt Ion: 65 Resp: 2633

Ion Ratio Lower Upper

65 100

67 46.4 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: VD075197.D

Acq: 25 Jan 2023 11:45

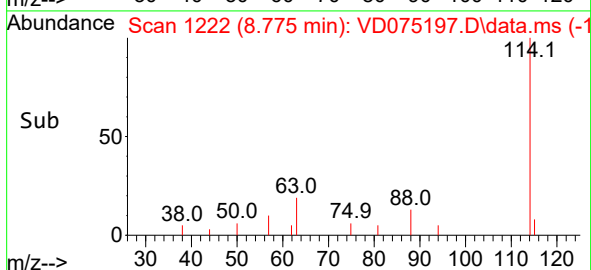
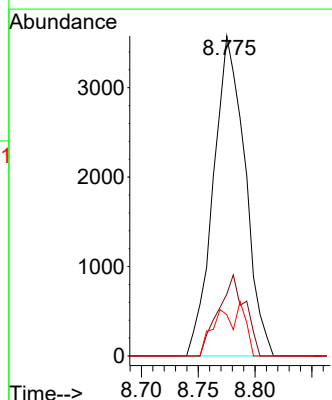
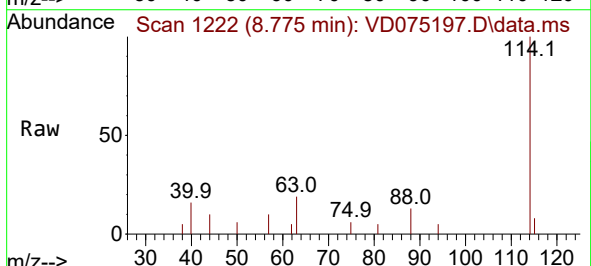
Tgt Ion: 114 Resp: 6917

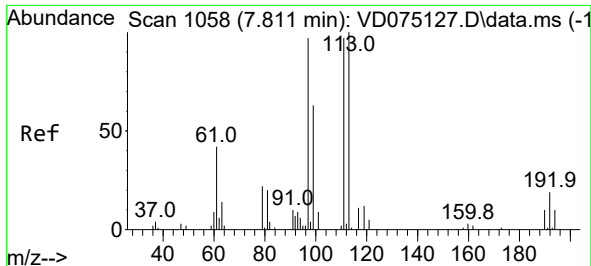
Ion Ratio Lower Upper

114 100

63 19.3 0.0 40.2

88 12.9 0.0 32.2

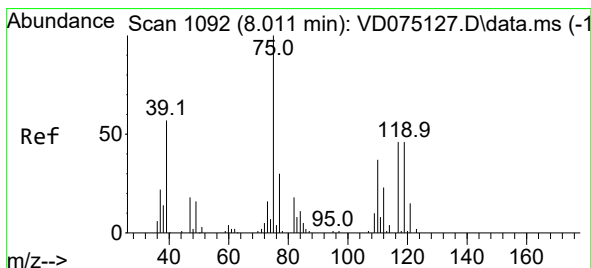
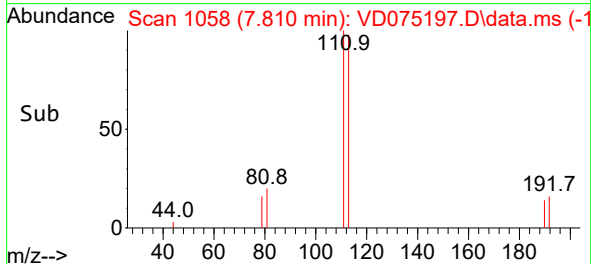
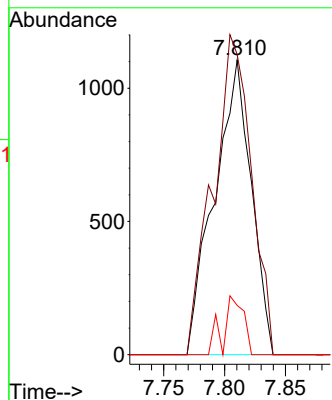
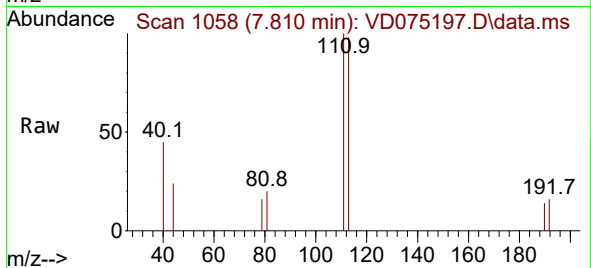




#35
Dibromofluoromethane
Concen: 55.578 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD075197.D
Acq: 25 Jan 2023 11:45

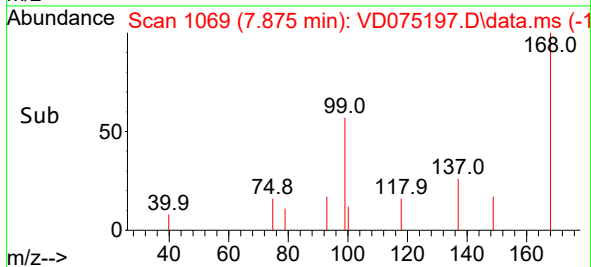
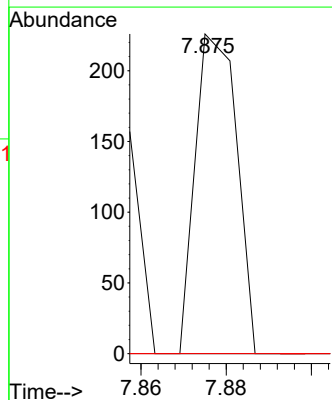
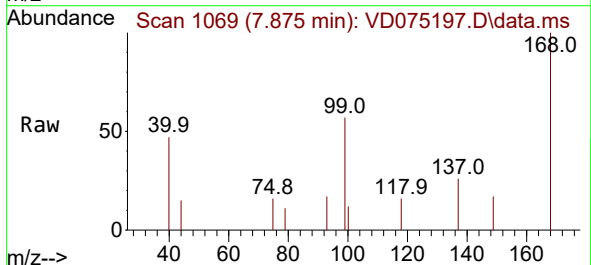
Instrument :
MSVOA_D
ClientSampleId :
OR-02-012023RE

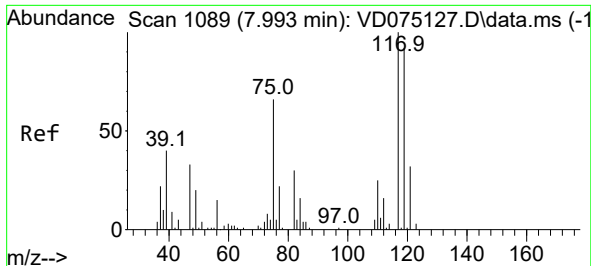
Tgt Ion:113 Resp: 2323
Ion Ratio Lower Upper
113 100
111 112.9 80.1 120.1
192 10.9 15.4 23.0#



#36
1,1-Dichloropropene
Concen: 2.278 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD075197.D
Acq: 25 Jan 2023 11:45

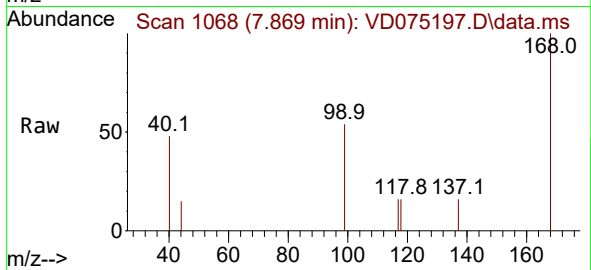
Tgt Ion: 75 Resp: 153
Ion Ratio Lower Upper
75 100
110 0.0 18.1 54.4#
77 0.0 25.1 37.7#



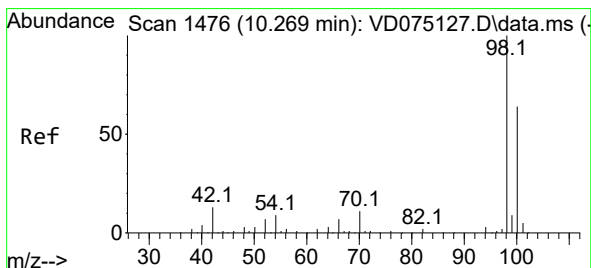
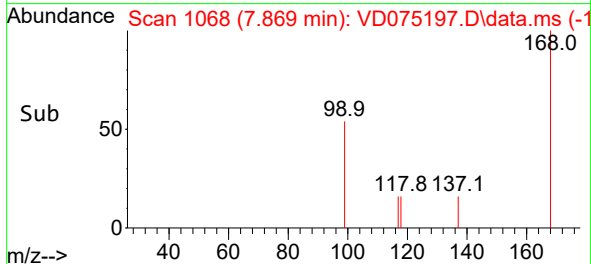
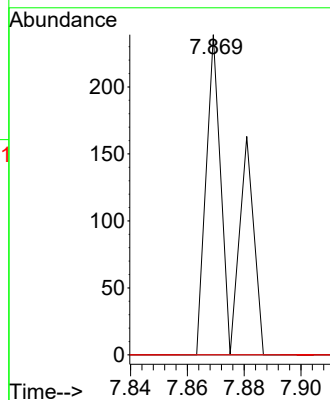


#38
Carbon Tetrachloride
Concen: 2.511 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD075197.D
Acq: 25 Jan 2023 11:45

Instrument :
MSVOA_D
ClientSampleId :
OR-02-012023RE

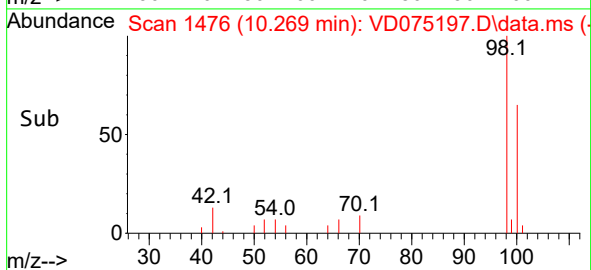
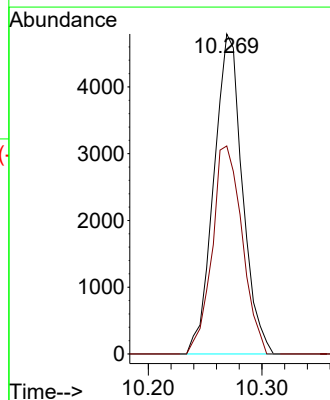
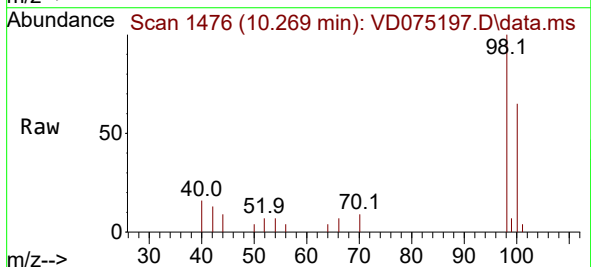


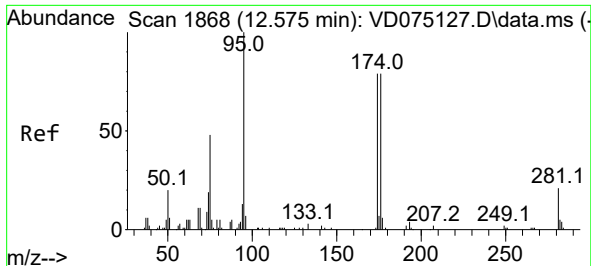
Tgt Ion:117 Resp: 142
Ion Ratio Lower Upper
117 100
119 0.0 73.6 110.4#
121 0.0 25.4 38.0#



#50
Toluene-d8
Concen: 50.902 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD075197.D
Acq: 25 Jan 2023 11:45

Tgt Ion: 98 Resp: 8377
Ion Ratio Lower Upper
98 100
100 68.2 52.7 79.1

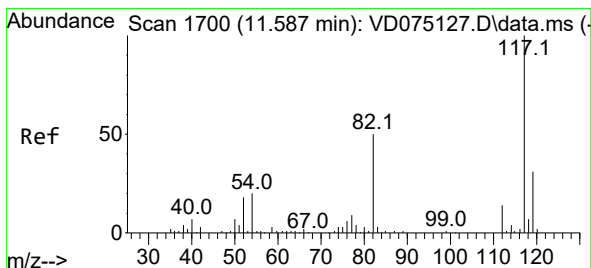
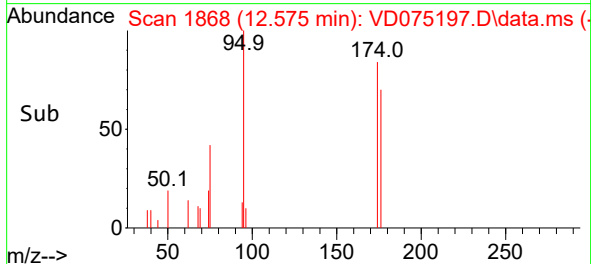
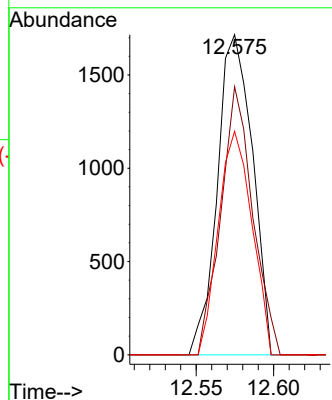
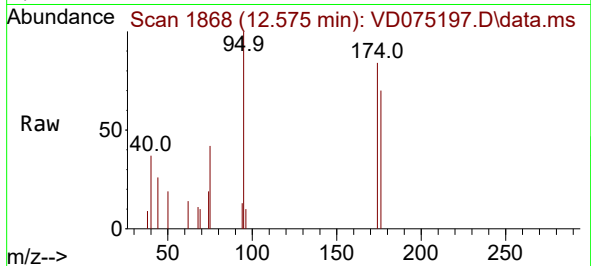




#62
4-Bromofluorobenzene
Concen: 51.733 ug/l
RT: 12.575 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VD075197.D
Acq: 25 Jan 2023 11:45

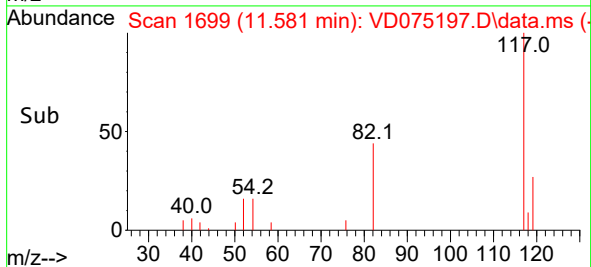
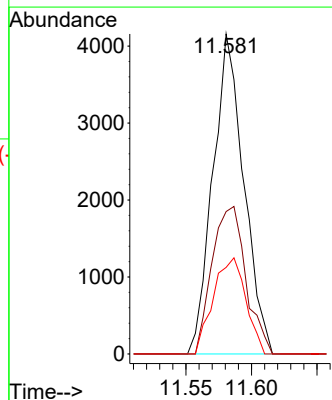
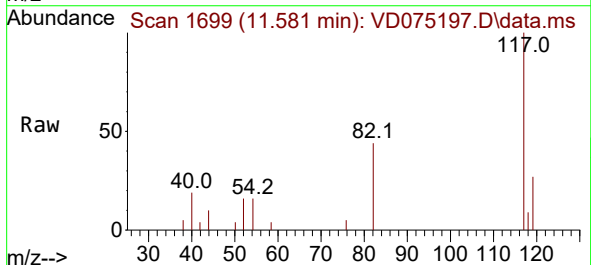
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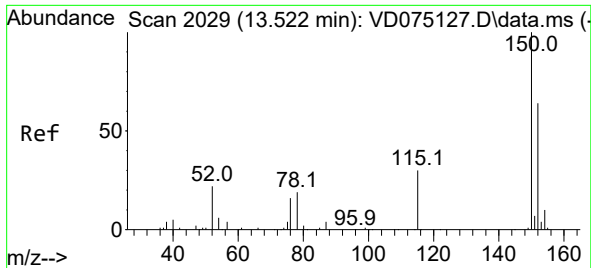
Tgt Ion: 95 Resp: 2702
Ion Ratio Lower Upper
95 100
174 76.3 0.0 161.2
176 66.7 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.006 min
Lab File: VD075197.D
Acq: 25 Jan 2023 11:45

Tgt Ion: 117 Resp: 6817
Ion Ratio Lower Upper
117 100
82 44.5 39.6 59.4
119 27.0 24.6 37.0

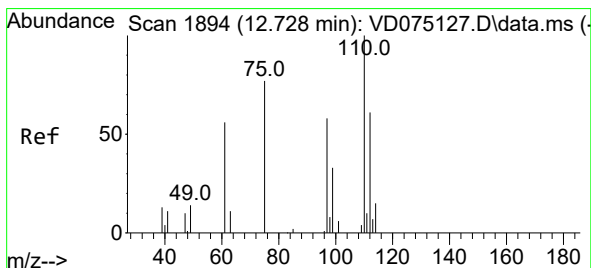
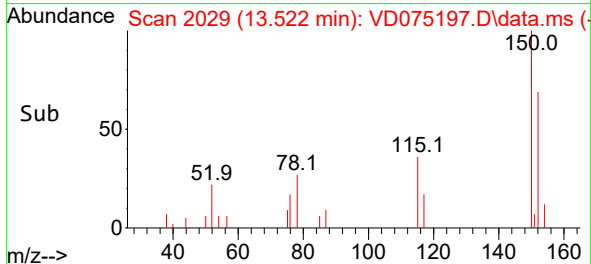
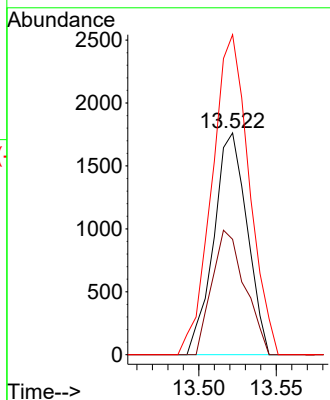
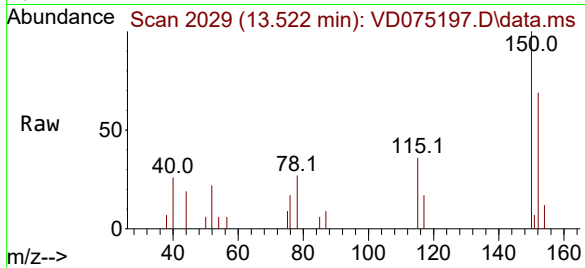




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075197.D
Acq: 25 Jan 2023 11:45

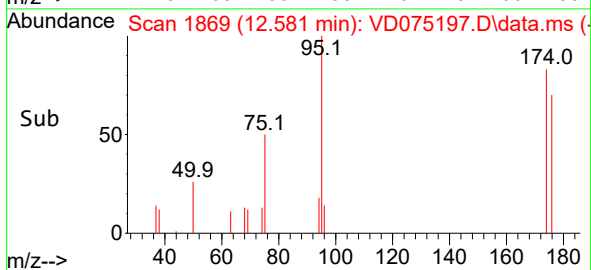
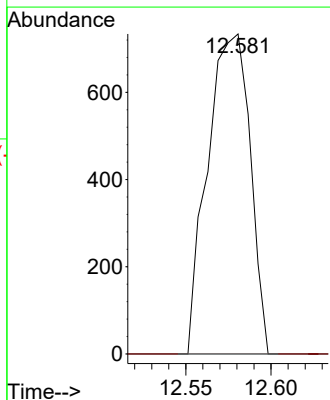
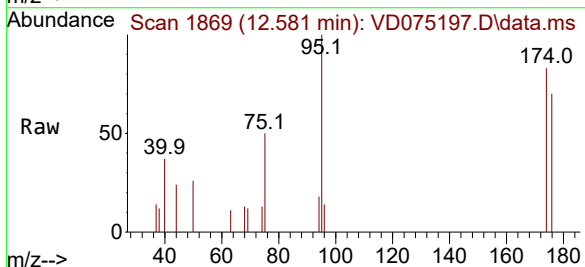
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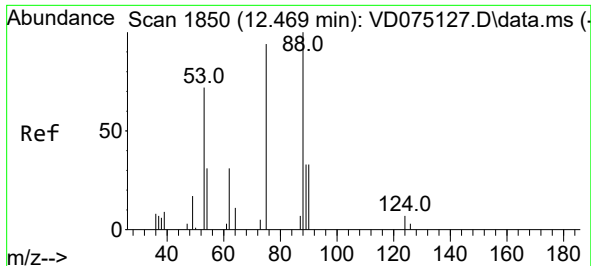
Tgt Ion:152 Resp: 2640
Ion Ratio Lower Upper
152 100
115 55.5 28.8 86.4
150 160.5 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 56.980 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. -0.147 min
Lab File: VD075197.D
Acq: 25 Jan 2023 11:45

Tgt Ion: 75 Resp: 1274
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

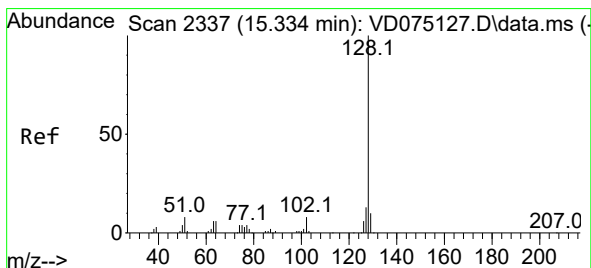
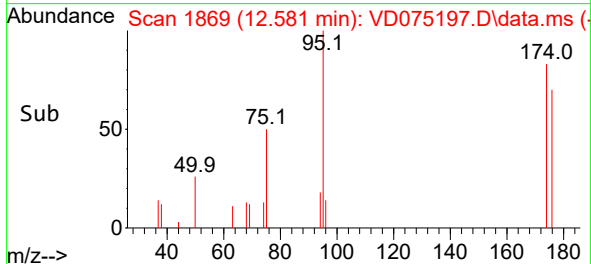
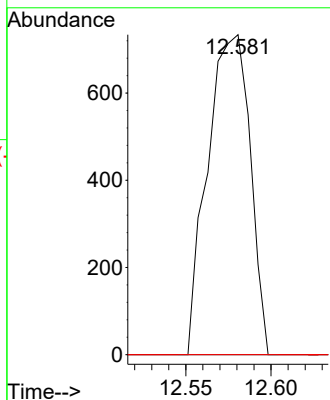
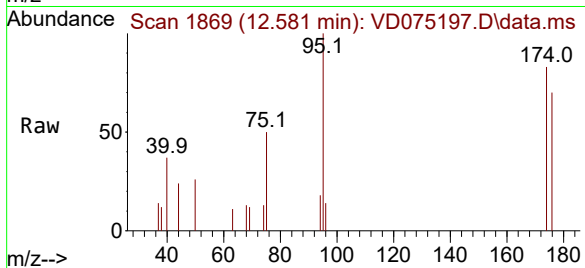




#81
trans-1,4-Dichloro-2-butene
Concen: 132.169 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.112 min
Lab File: VD075197.D
Acq: 25 Jan 2023 11:45

Instrument :
MSVOA_D
ClientSampleId :
OR-02-012023RE

Tgt Ion: 75 Resp: 1274
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#



#95
Naphthalene
Concen: 1.511 ug/l
RT: 15.339 min Scan# 2338
Delta R.T. 0.006 min
Lab File: VD075197.D
Acq: 25 Jan 2023 11:45

Tgt Ion: 128 Resp: 156
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.7 13.1#

