

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062223\
 Data File : VD076539.D
 Acq On : 22 Jun 2023 15:14
 Operator : KP/SY
 Sample : 03360-01
 Misc : 11.47G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CE-91-062023

Quant Time: Jun 23 06:36:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

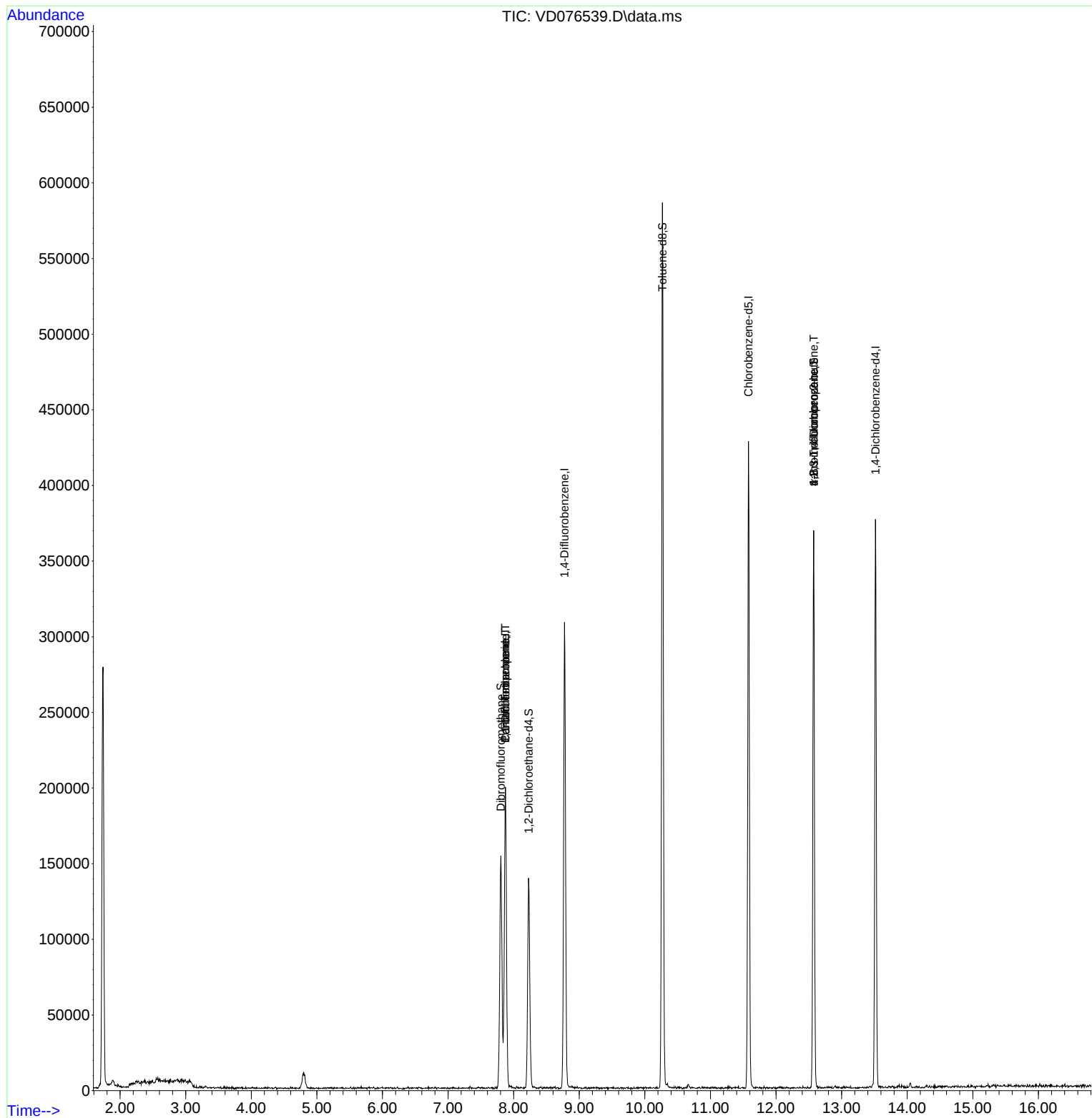
Internal Standards						
1) Pentafluorobenzene	7.875	168	153223	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	268927	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	238224	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	98734	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	102702	66.900	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 133.800%		
35) Dibromofluoromethane	7.804	113	104447	65.377	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 130.760%		
50) Toluene-d8	10.269	98	390206	64.402	ug/l	0.00
Spiked Amount	50.000	Range 58 - 134	Recovery	= 128.800%		
62) 4-Bromofluorobenzene	12.575	95	110041	55.962	ug/l	0.00
Spiked Amount	50.000	Range 30 - 143	Recovery	= 111.920%		
Target Compounds						
						Qvalue
20) Methylene Chloride	4.787	84	7526	Below Cal	#	83
28) Bromochloromethane	7.310	49	69	Below Cal	#	1
36) 1,1-Dichloropropene	7.875	75	12184	5.446	ug/l #	47
38) Carbon Tetrachloride	7.875	117	15479	7.741	ug/l #	15
76) 1,2,3-Trichloropropane	12.575	75	59178	60.391	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	59178	132.331	ug/l #	17

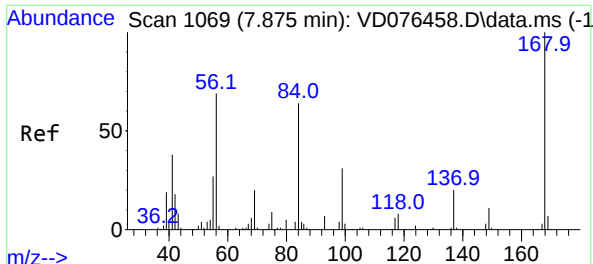
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062223\
Data File : VD076539.D
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Misc : 11.47G/5.0ml/MSVOA_D/SOIL
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
CE-91-062023

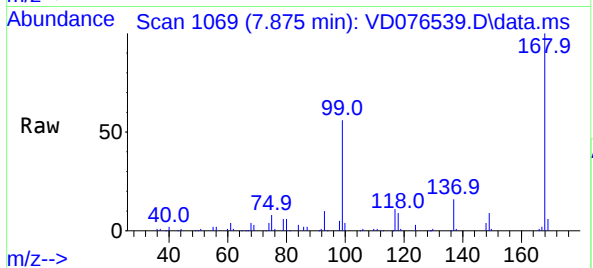
Quant Time: Jun 23 06:36:27 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
Response via : Initial Calibration



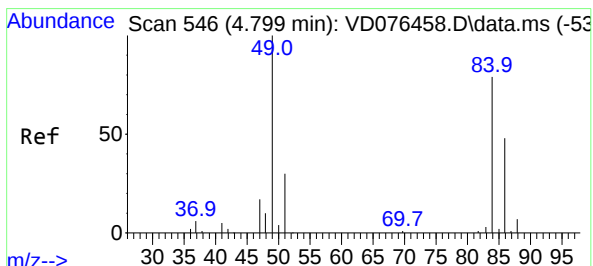
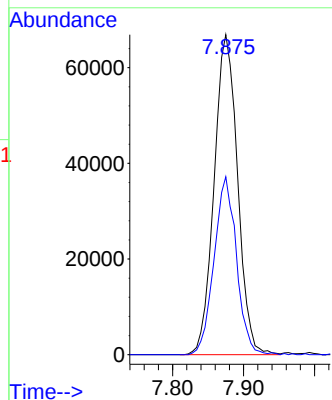
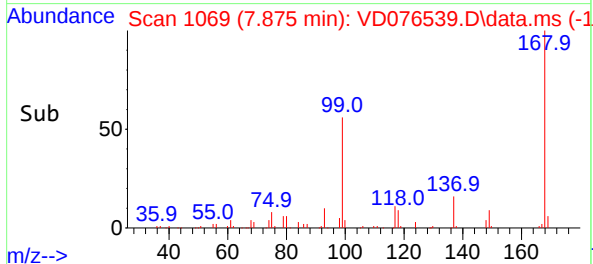


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076539.D
Acq: 22 Jun 2023 15:14

Instrument :
MSVOA_D
ClientSampleId :
CE-91-062023

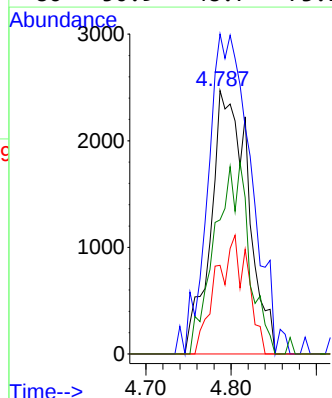
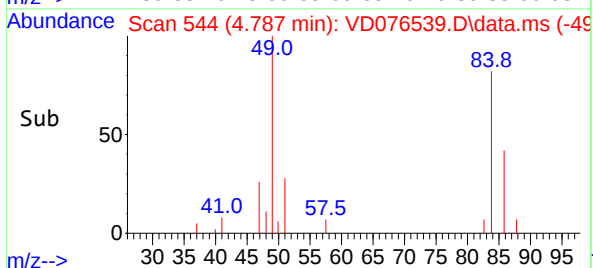
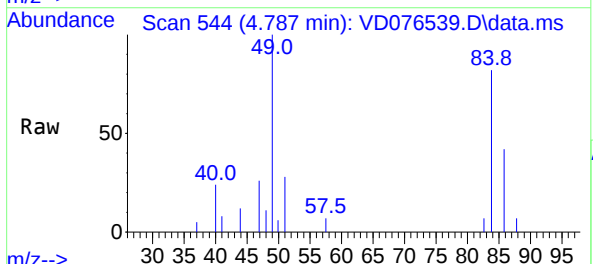


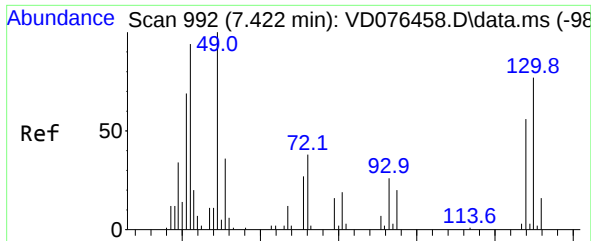
Tgt Ion:168 Resp: 153223
Ion Ratio Lower Upper
168 100
99 55.6 36.7 55.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.787 min Scan# 544
Delta R.T. -0.012 min
Lab File: VD076539.D
Acq: 22 Jun 2023 15:14

Tgt Ion: 84 Resp: 7526
Ion Ratio Lower Upper
84 100
49 112.1 71.4 107.2#
51 33.6 24.5 36.7
86 50.9 48.7 73.1

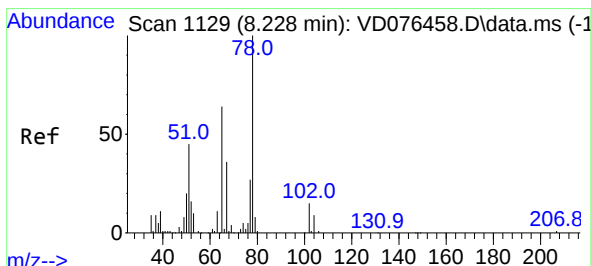
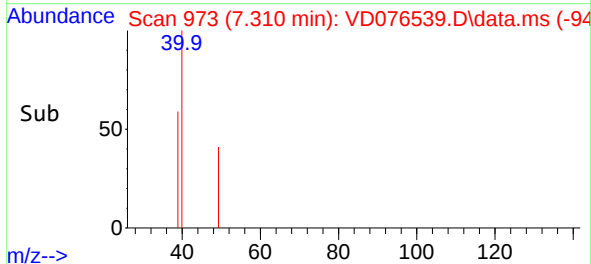
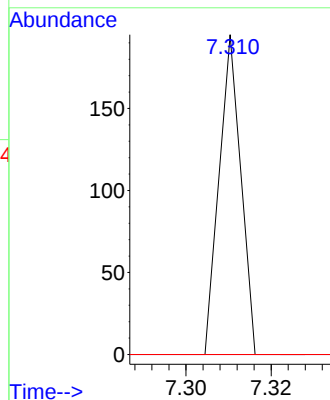
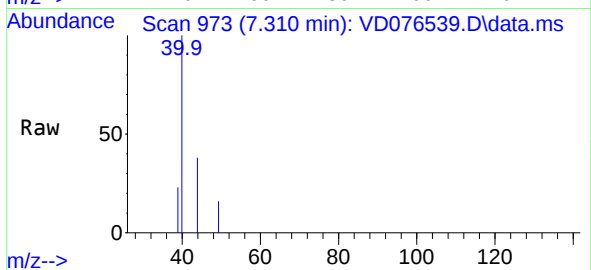




#28
Bromochloromethane
Concen: Below Cal
RT: 7.310 min Scan# 91
Delta R.T. -0.112 min
Lab File: VD076539.D
Acq: 22 Jun 2023 15:14

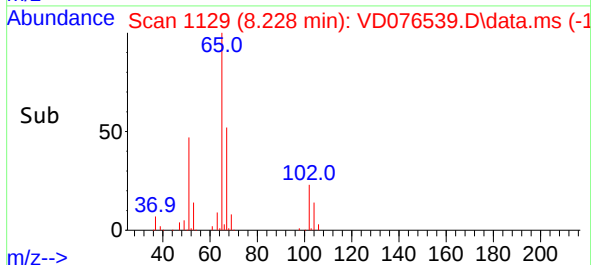
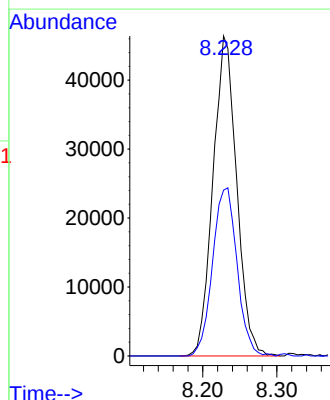
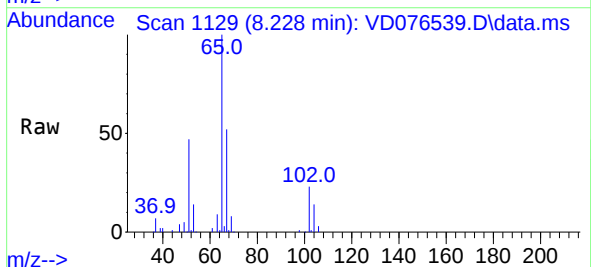
Instrument :
MSVOA_D
ClientSampleId :
CE-91-062023

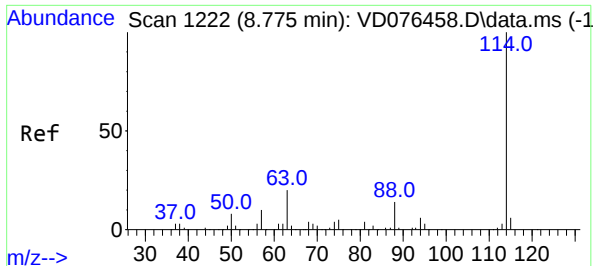
Tgt Ion: 49 Resp: 69
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



#33
1,2-Dichloroethane-d4
Concen: 66.900 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076539.D
Acq: 22 Jun 2023 15:14

Tgt Ion: 65 Resp: 102702
Ion Ratio Lower Upper
65 100
67 54.5 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD076539.D

Acq: 22 Jun 2023 15:14

Instrument :

MSVOA_D

ClientSampleId :

CE-91-062023

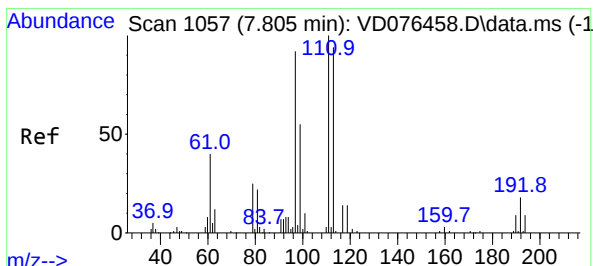
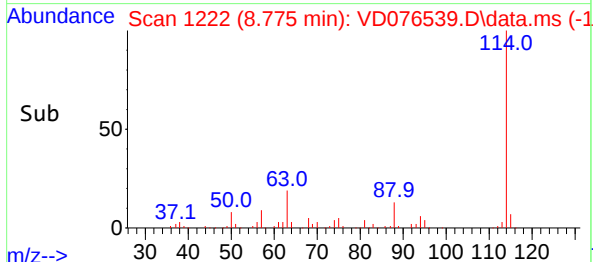
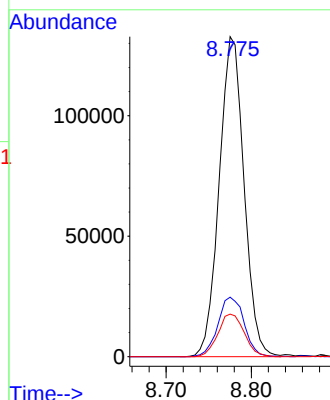
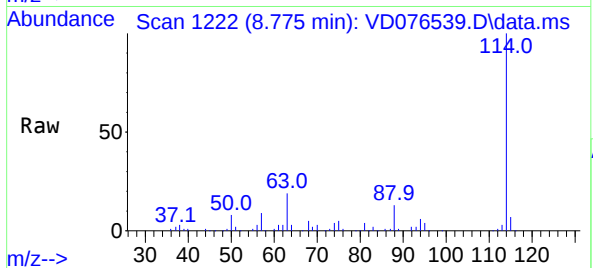
Tgt Ion:114 Resp: 268927

Ion Ratio Lower Upper

114 100

63 18.6 0.0 33.4

88 13.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 65.377 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076539.D

Acq: 22 Jun 2023 15:14

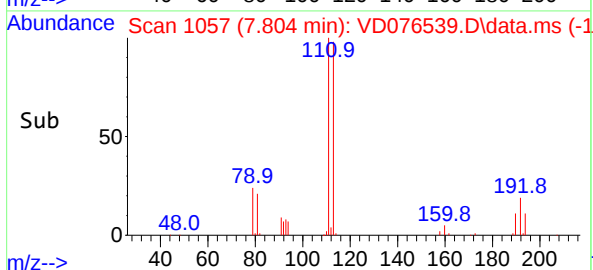
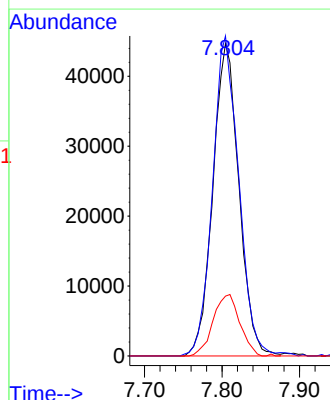
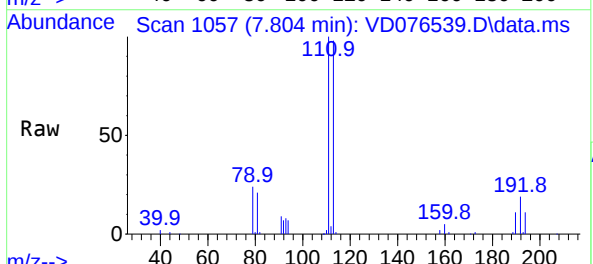
Tgt Ion:113 Resp: 104447

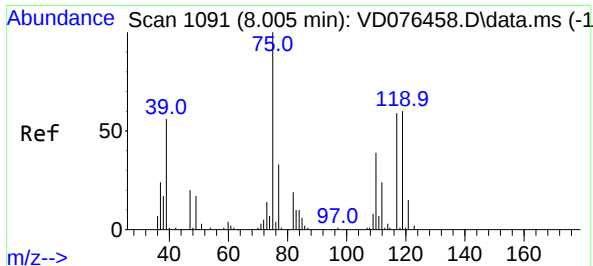
Ion Ratio Lower Upper

113 100

111 103.1 84.7 127.1

192 20.2 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.446 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD076539.D

Acq: 22 Jun 2023 15:14

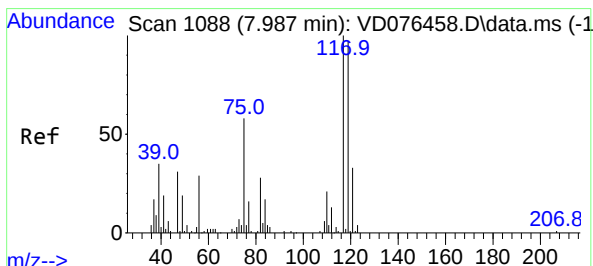
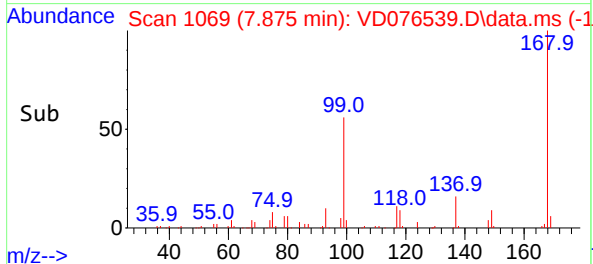
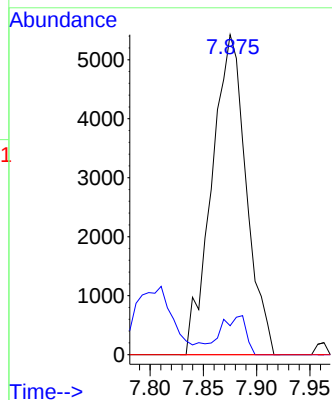
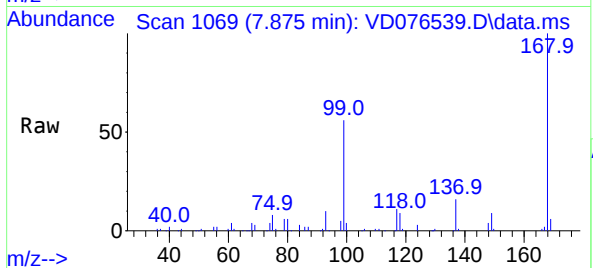
Instrument :

MSVOA_D

ClientSampleId :

CE-91-062023

Tgt Ion:	75	Resp:	12184
Ion	Ratio	Lower	Upper
75	100		
110	8.9	19.9	59.6#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 7.741 ug/l

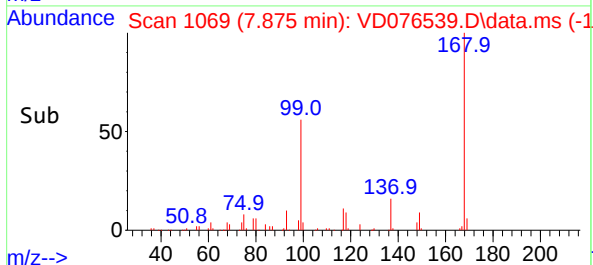
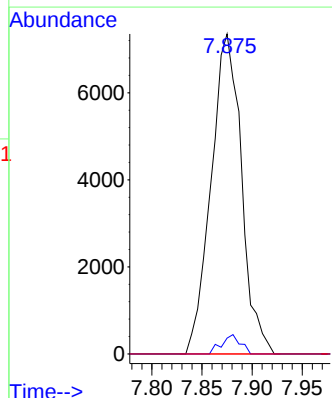
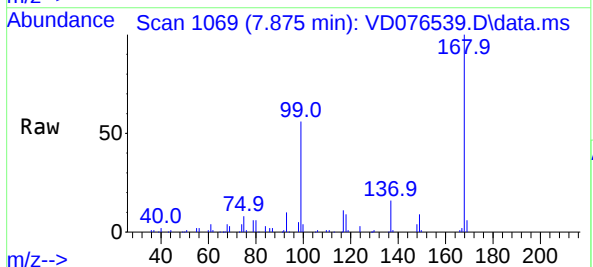
RT: 7.875 min Scan# 1069

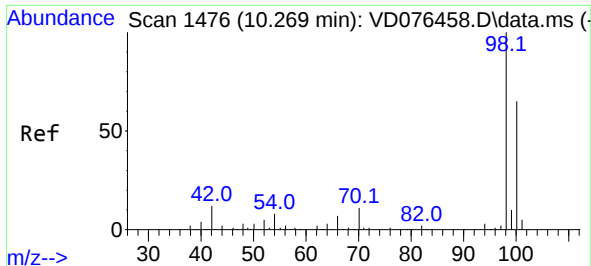
Delta R.T. -0.112 min

Lab File: VD076539.D

Acq: 22 Jun 2023 15:14

Tgt Ion:	117	Resp:	15479
Ion	Ratio	Lower	Upper
117	100		
119	4.9	78.0	117.0#
121	0.0	24.2	36.2#

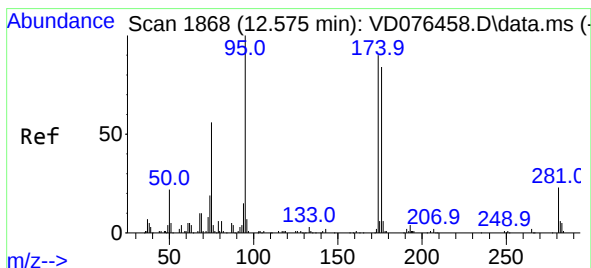
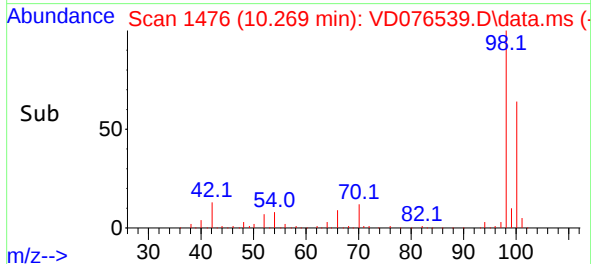
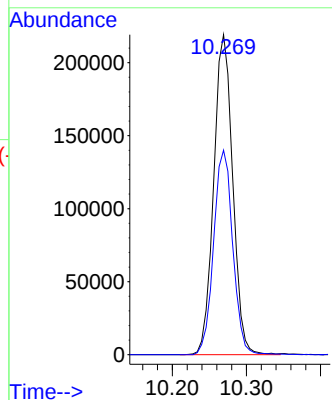
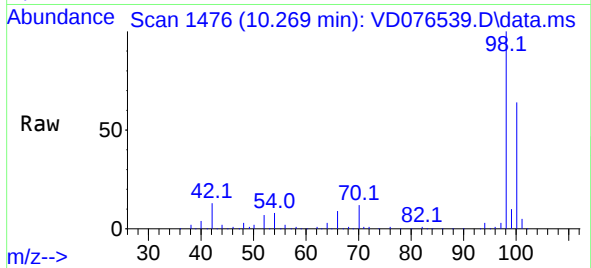




#50
Toluene-d8
Concen: 64.402 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076539.D
Acq: 22 Jun 2023 15:14

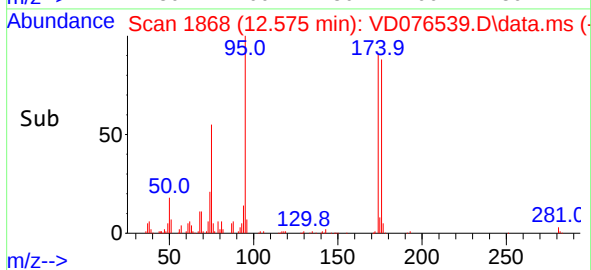
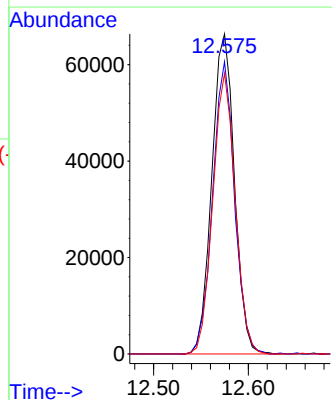
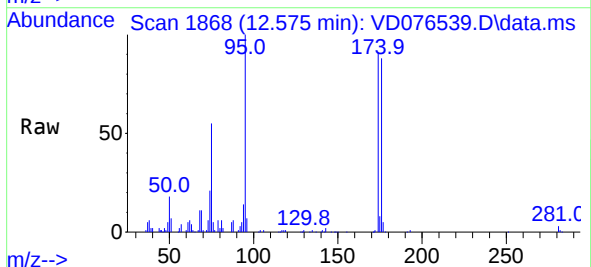
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CE-91-062023

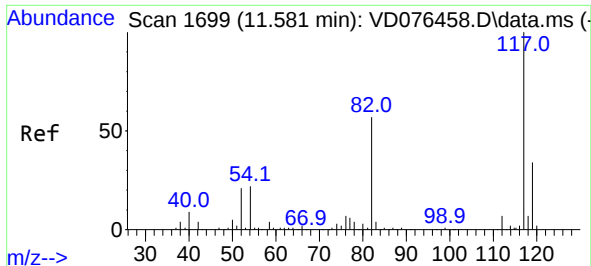
Tgt Ion: 98 Resp: 390206
Ion Ratio Lower Upper
98 100
100 64.4 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 55.962 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076539.D
Acq: 22 Jun 2023 15:14

Tgt Ion: 95 Resp: 110041
Ion Ratio Lower Upper
95 100
174 88.8 0.0 201.8
176 86.6 0.0 191.8

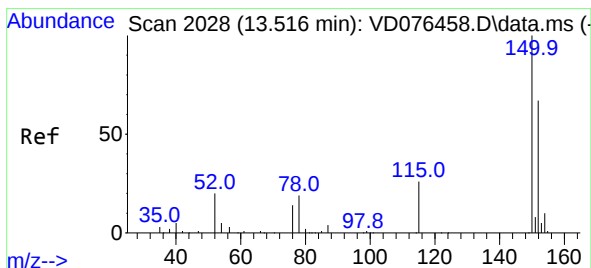
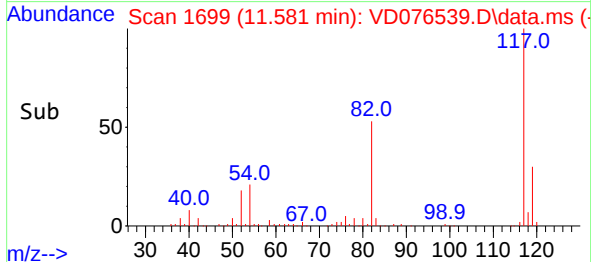
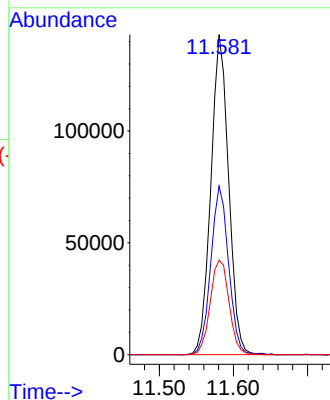
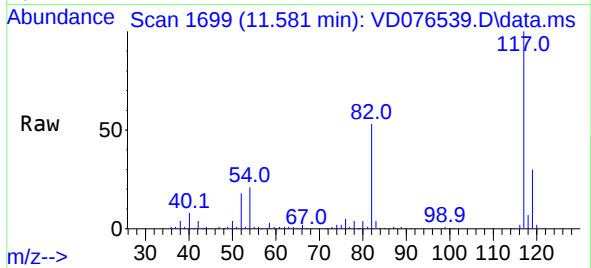




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076539.D
Acq: 22 Jun 2023 15:14

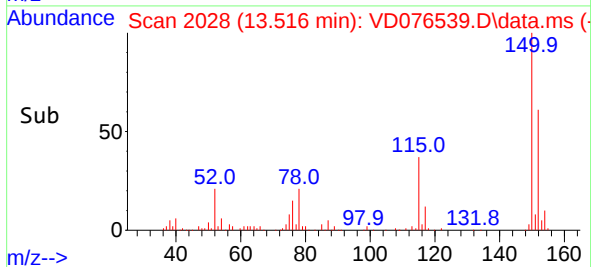
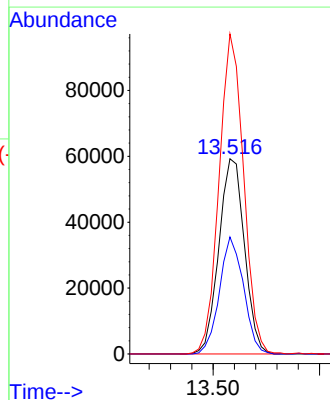
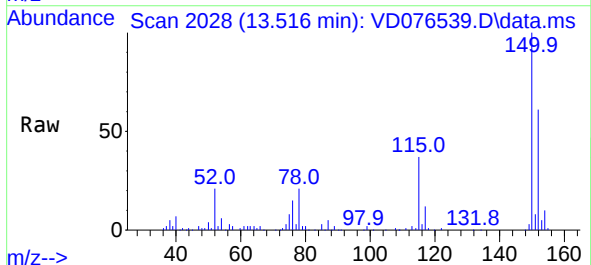
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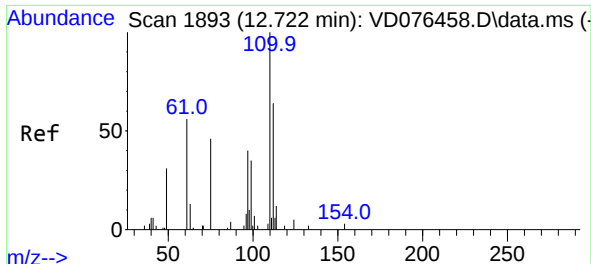
Tgt Ion:117 Resp: 238224
Ion Ratio Lower Upper
117 100
82 52.7 38.3 57.5
119 29.5 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076539.D
Acq: 22 Jun 2023 15:14

Tgt Ion:152 Resp: 98734
Ion Ratio Lower Upper
152 100
115 56.3 27.1 81.3
150 157.1 0.0 353.6

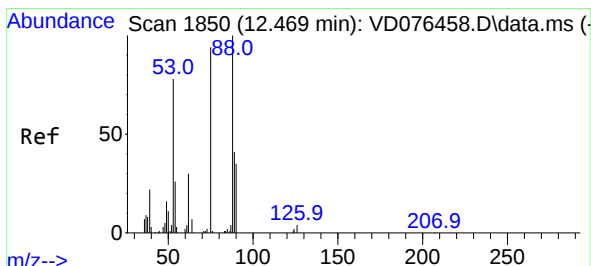
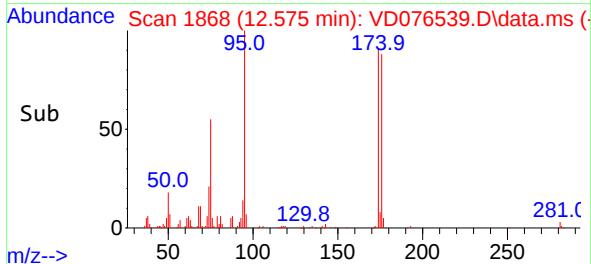
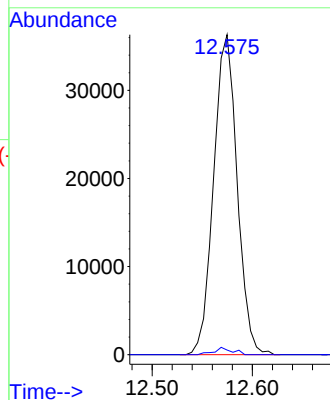
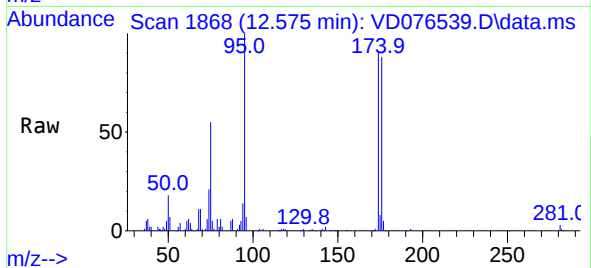




#76
1,2,3-Trichloropropane
Concen: 60.391 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076539.D
Acq: 22 Jun 2023 15:14

Instrument :
MSVOA_D
ClientSampleId :
CE-91-062023

Tgt Ion: 75 Resp: 59178
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.331 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076539.D
Acq: 22 Jun 2023 15:14

Tgt Ion: 75 Resp: 59178
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

