

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052623\
 Data File : VD076260.D
 Acq On : 26 May 2023 15:40
 Operator : KP/SY
 Sample : 02923-01RE
 Misc : 5.63G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OR-03-052423

Quant Time: May 26 23:16:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 10:08:53 2023
 Response via : Initial Calibration

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

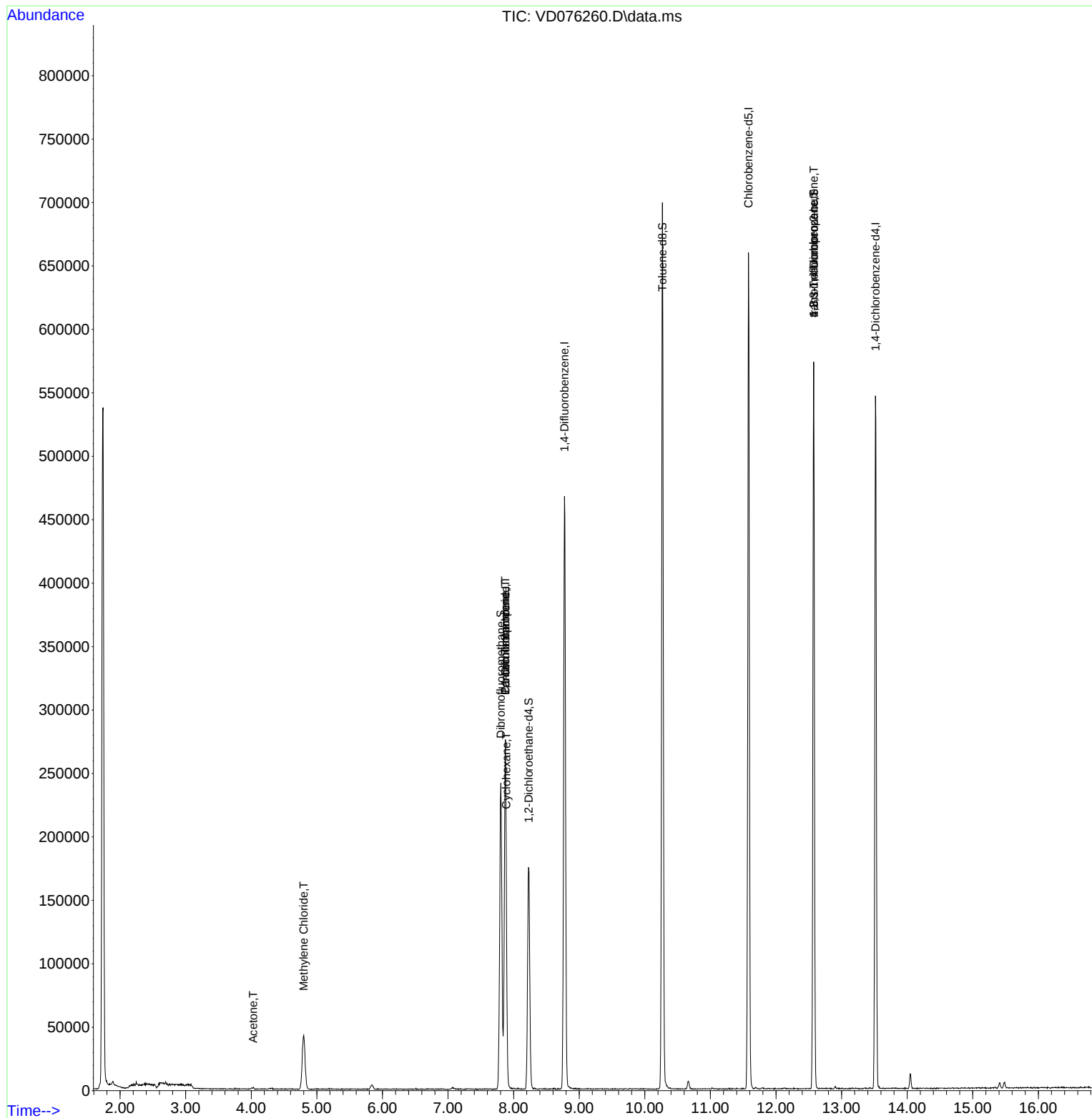
Internal Standards						
1) Pentafluorobenzene	7.875	168	222550	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	453021	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	407625	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	161545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	134366	62.470	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	124.940%
35) Dibromofluoromethane	7.805	113	178674	57.060	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.120%
50) Toluene-d8	10.269	98	497680	40.770	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	81.540%
62) 4-Bromofluorobenzene	12.575	95	173173	51.070	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	102.140%
Target Compounds						
3) Chloromethane	2.152	50	522	Below Cal	#	40
16) Acetone	4.028	43	1590	3.715	ug/l	99
20) Methylene Chloride	4.799	84	36735	2.420	ug/l #	77
31) Cyclohexane	7.887	56	4175	1.267	ug/l #	2
36) 1,1-Dichloropropene	7.875	75	16575	3.919	ug/l #	50
38) Carbon Tetrachloride	7.875	117	20032	5.244	ug/l #	19
76) 1,2,3-Trichloropropane	12.575	75	84941	60.086	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	84941	126.051	ug/l #	5

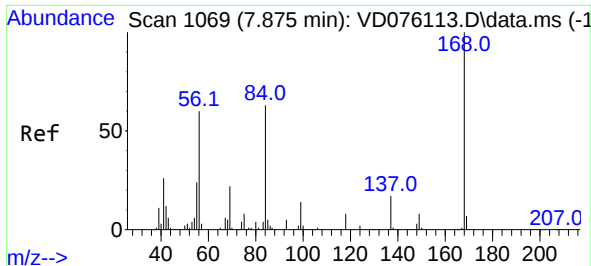
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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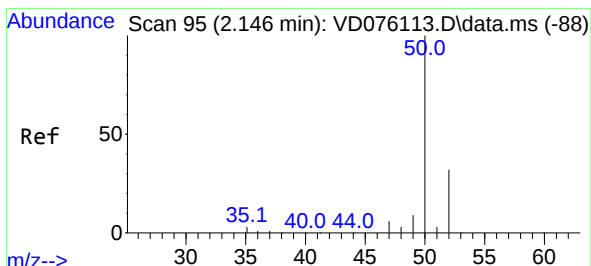
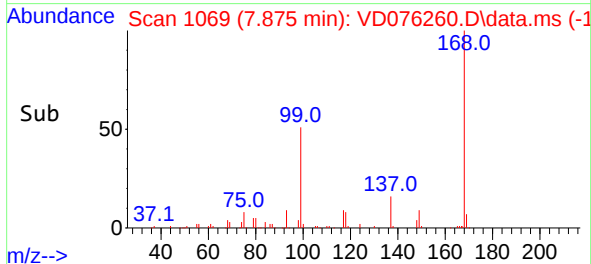
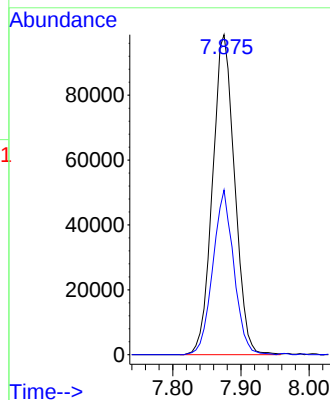
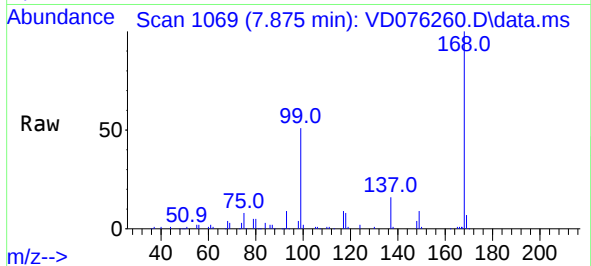




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076260.D
Acq: 26 May 2023 15:40

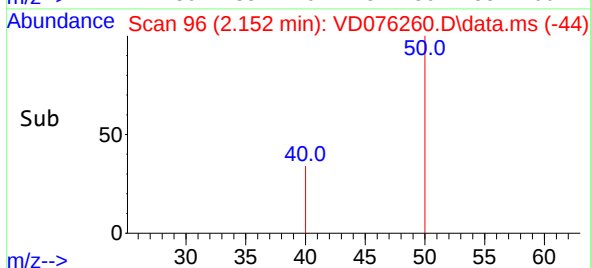
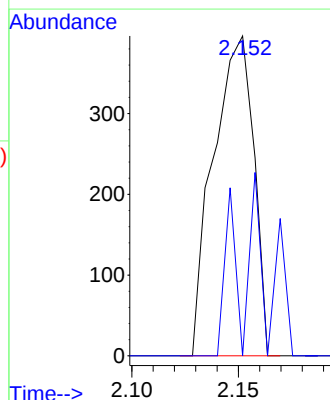
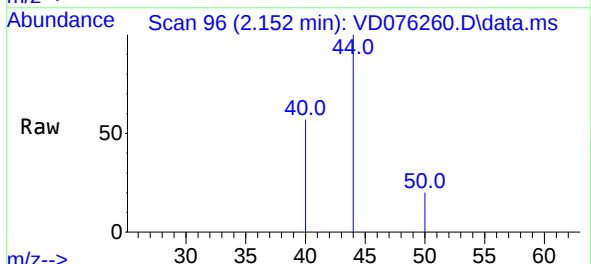
Instrument :
MSVOA_D
ClientSampleId :
OR-03-052423

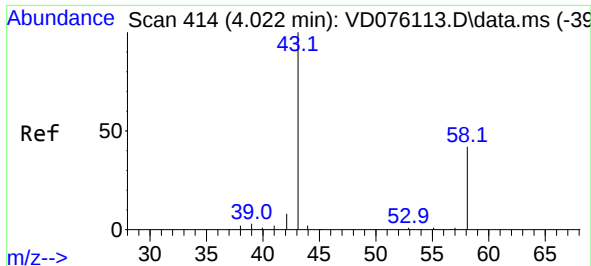
Tgt Ion:168 Resp: 222550
Ion Ratio Lower Upper
168 100
99 51.5 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD076260.D
Acq: 26 May 2023 15:40

Tgt Ion: 50 Resp: 522
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

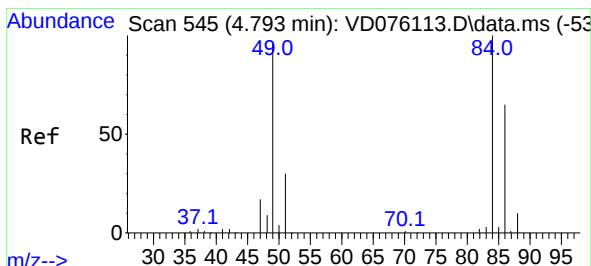
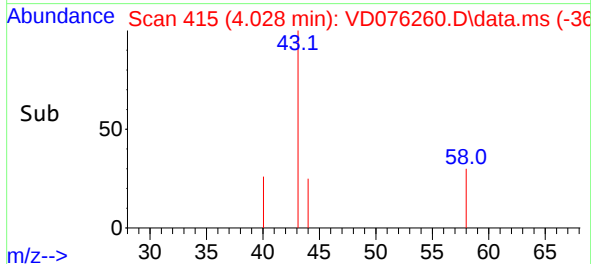
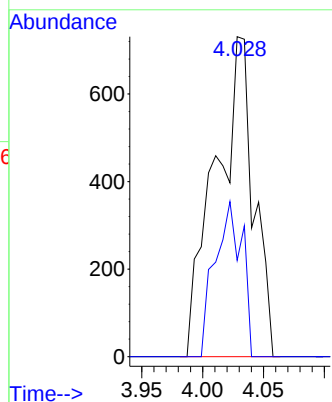
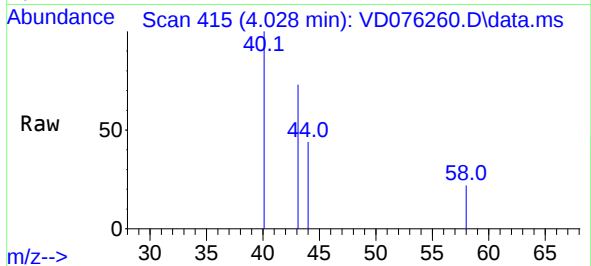




#16
Acetone
Concen: 3.715 ug/l
RT: 4.028 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD076260.D
Acq: 26 May 2023 15:40

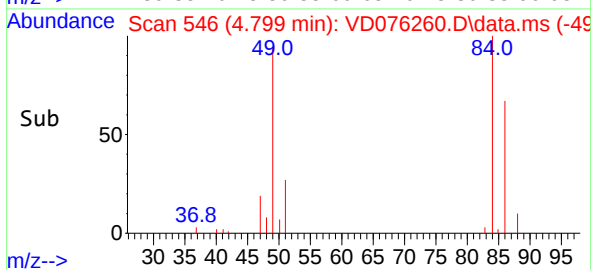
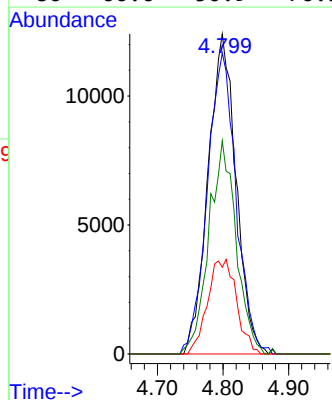
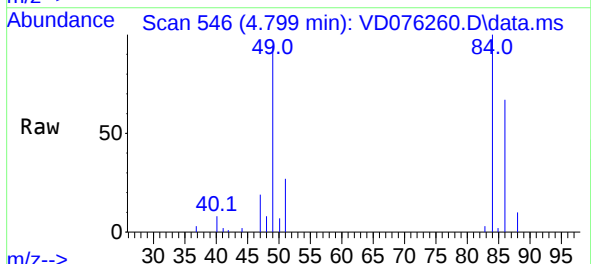
Instrument :
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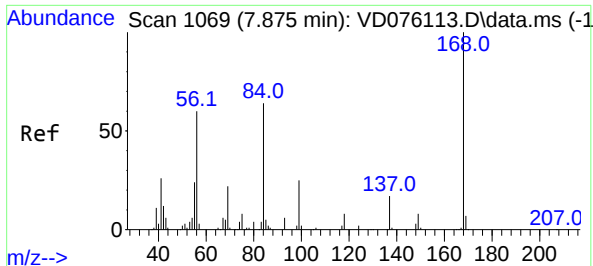
Tgt Ion: 43 Resp: 1590
Ion Ratio Lower Upper
43 100
58 30.1 24.4 36.6



#20
Methylene Chloride
Concen: 2.420 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.000 min
Lab File: VD076260.D
Acq: 26 May 2023 15:40

Tgt Ion: 84 Resp: 36735
Ion Ratio Lower Upper
84 100
49 94.0 106.4 159.6#
51 27.1 32.4 48.6#
86 66.6 50.9 76.3

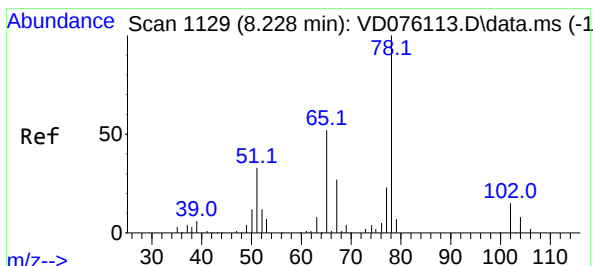
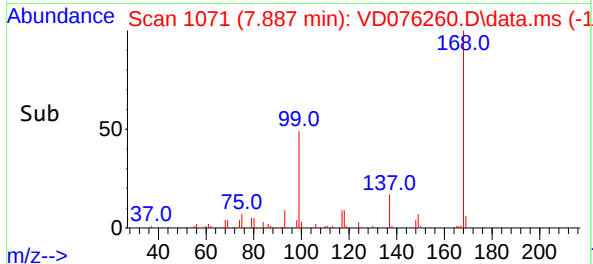
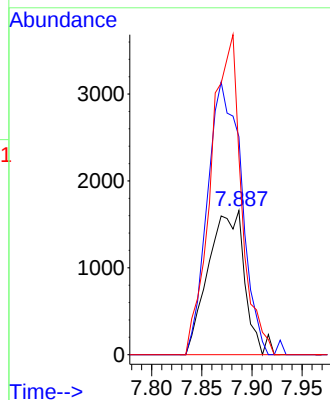
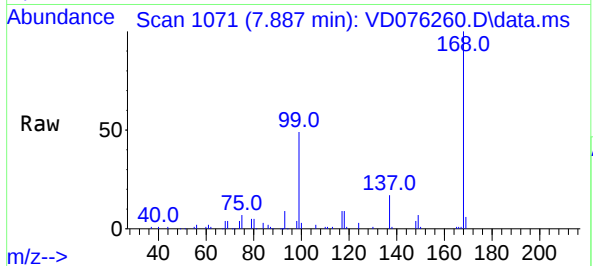




#31
Cyclohexane
Concen: 1.267 ug/l
RT: 7.887 min Scan# 1069
Delta R.T. 0.012 min
Lab File: VD076260.D
Acq: 26 May 2023 15:40

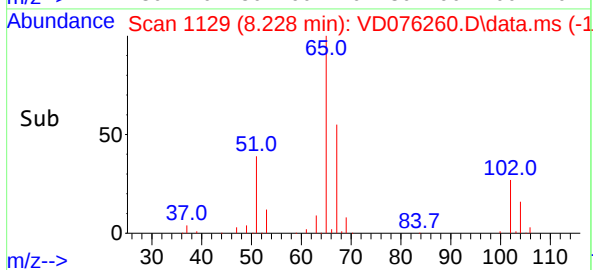
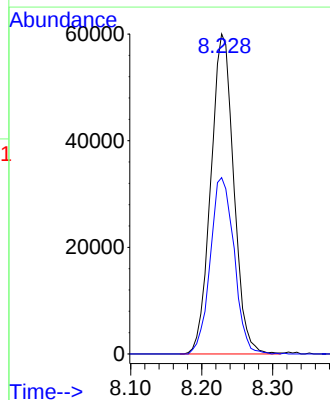
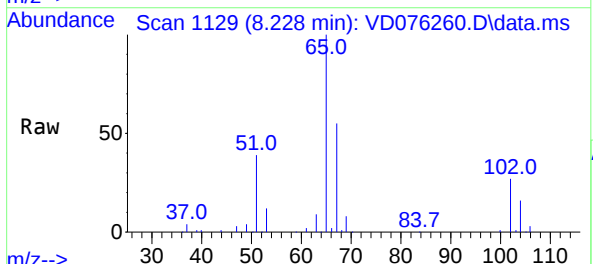
Instrument :
MSVOA_D
ClientSampleId :
OR-03-052423

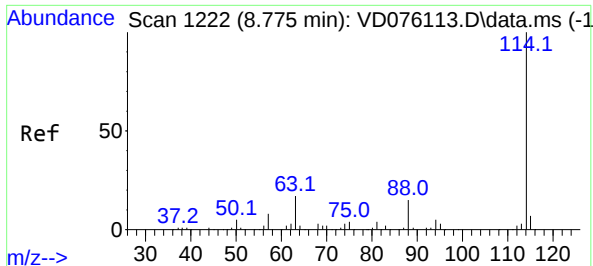
Tgt Ion: 56 Resp: 4175
Ion Ratio Lower Upper
56 100
69 151.1 25.5 38.3#
84 137.6 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 62.470 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076260.D
Acq: 26 May 2023 15:40

Tgt Ion: 65 Resp: 134366
Ion Ratio Lower Upper
65 100
67 57.3 0.0 102.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD076260.D

Acq: 26 May 2023 15:40

Instrument :

MSVOA_D

ClientSampleId :

OR-03-052423

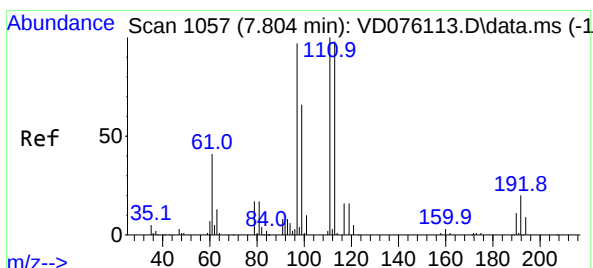
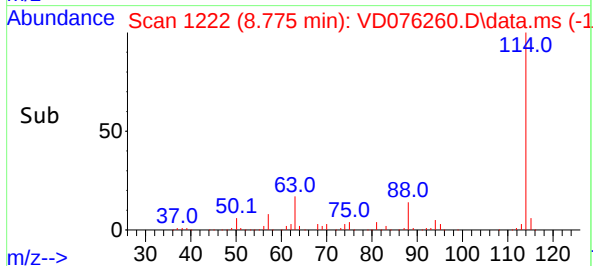
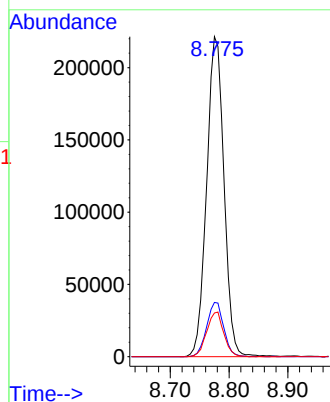
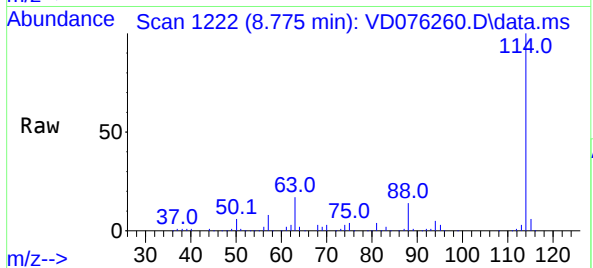
Tgt Ion:114 Resp: 453021

Ion Ratio Lower Upper

114 100

63 16.9 0.0 41.6

88 13.7 0.0 30.6



#35

Dibromofluoromethane

Concen: 57.060 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD076260.D

Acq: 26 May 2023 15:40

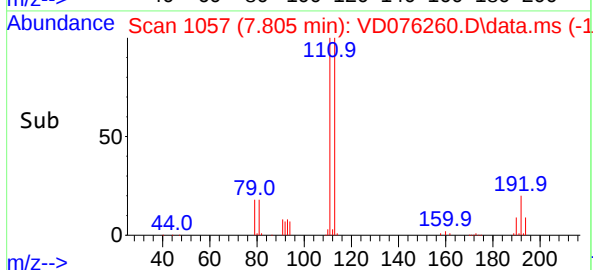
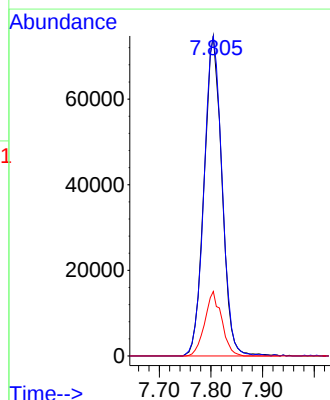
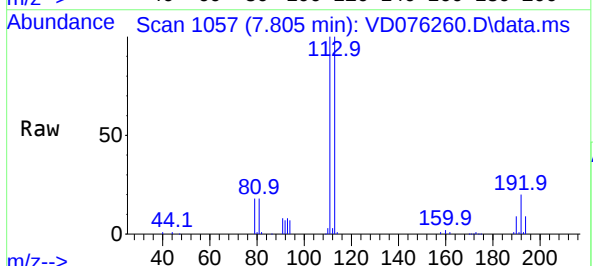
Tgt Ion:113 Resp: 178674

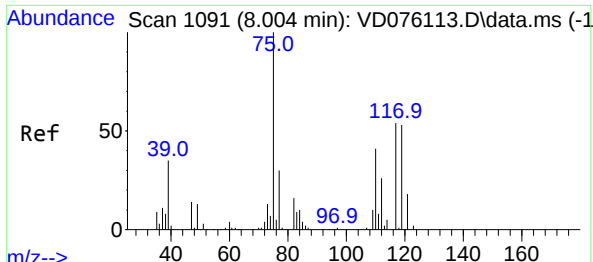
Ion Ratio Lower Upper

113 100

111 101.1 81.4 122.0

192 19.1 15.2 22.8

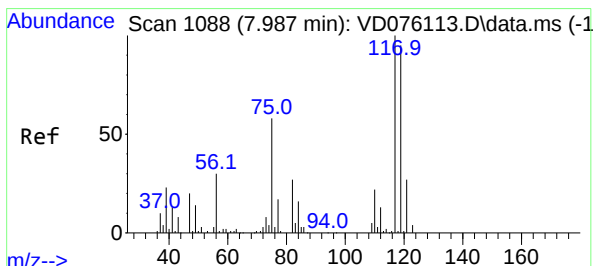
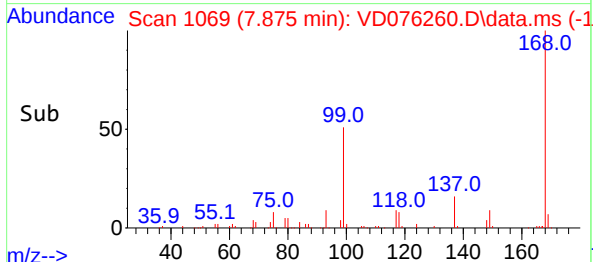
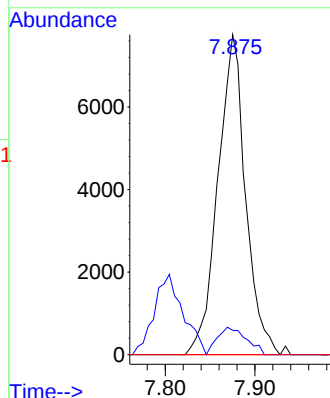
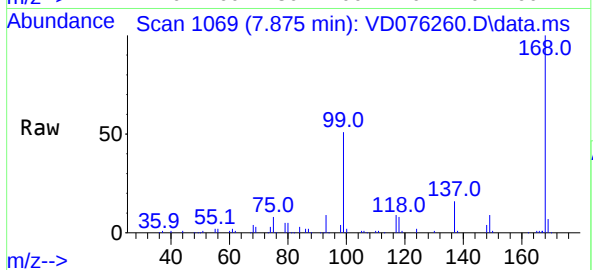




#36
1,1-Dichloropropene
Concen: 3.919 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD076260.D
Acq: 26 May 2023 15:40

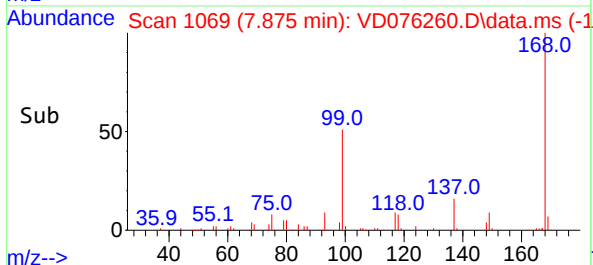
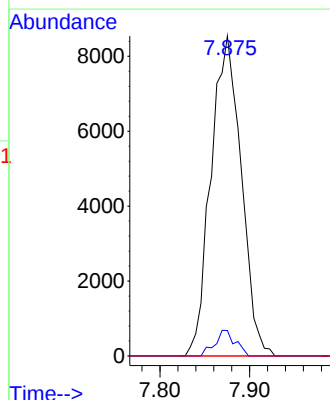
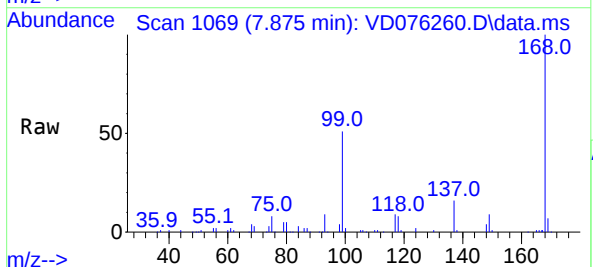
Instrument :
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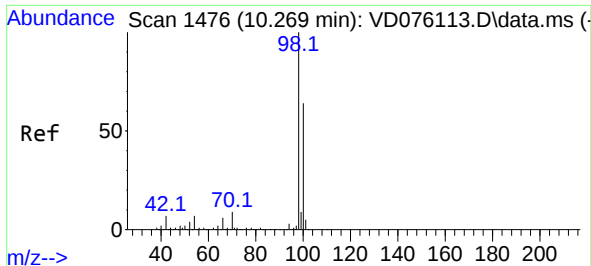
Tgt Ion: 75 Resp: 16575
Ion Ratio Lower Upper
75 100
110 9.0 17.1 51.2#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.244 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076260.D
Acq: 26 May 2023 15:40

Tgt Ion: 117 Resp: 20032
Ion Ratio Lower Upper
117 100
119 7.9 74.7 112.1#
121 0.0 25.9 38.9#

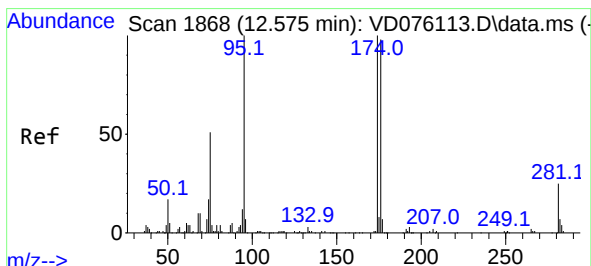
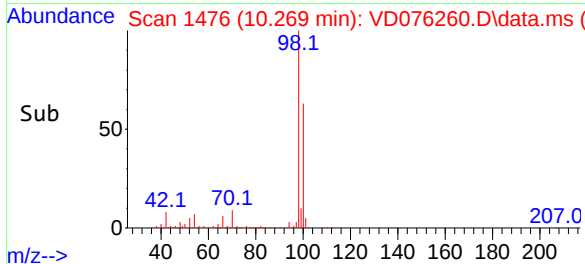
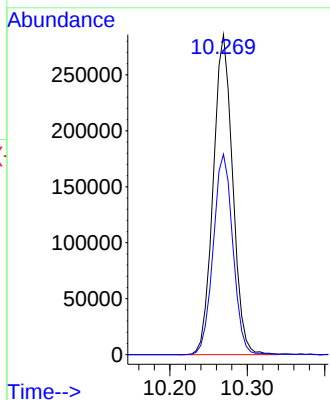
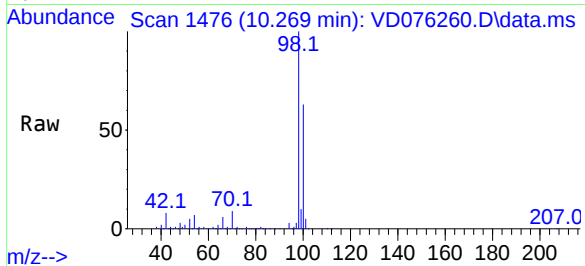




#50
Toluene-d8
Concen: 40.770 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076260.D
Acq: 26 May 2023 15:40

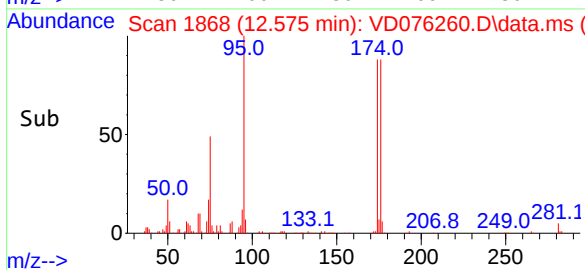
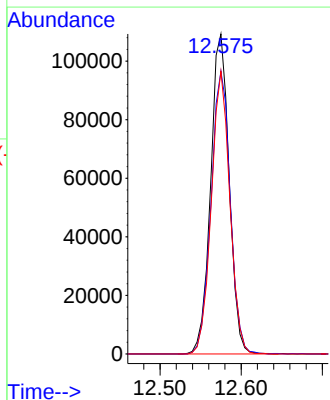
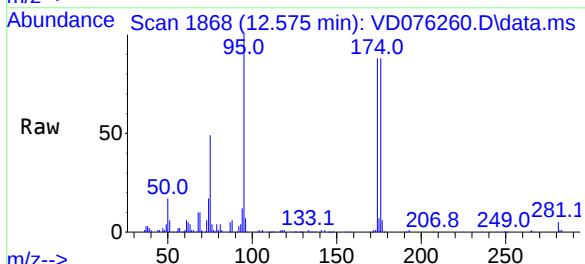
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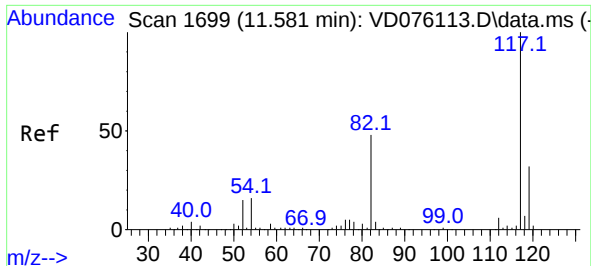
Tgt Ion: 98 Resp: 497680
Ion Ratio Lower Upper
98 100
100 63.4 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 51.070 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076260.D
Acq: 26 May 2023 15:40

Tgt Ion: 95 Resp: 173173
Ion Ratio Lower Upper
95 100
174 91.6 0.0 164.0
176 88.1 0.0 156.8

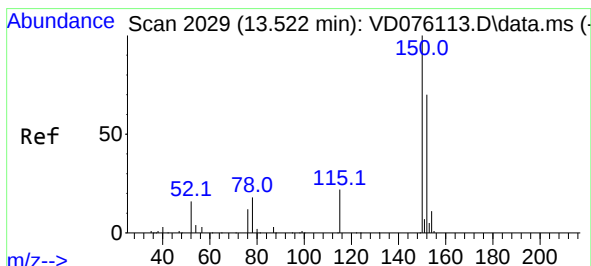
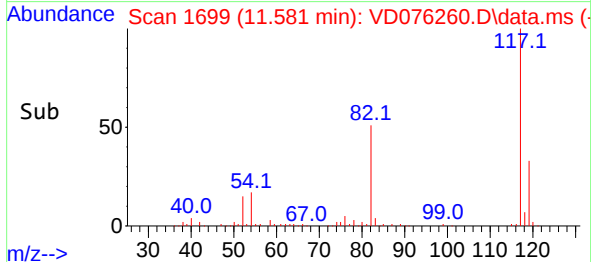
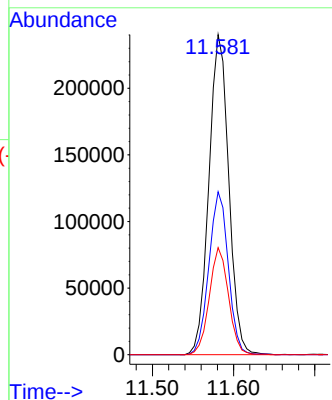
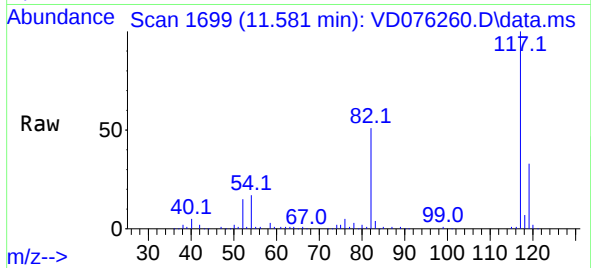




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076260.D
Acq: 26 May 2023 15:40

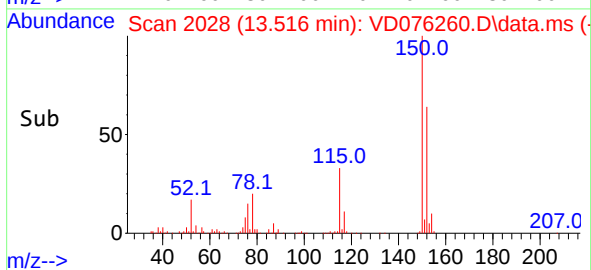
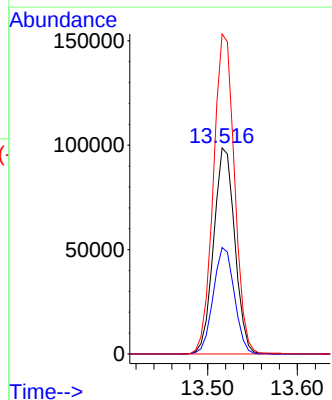
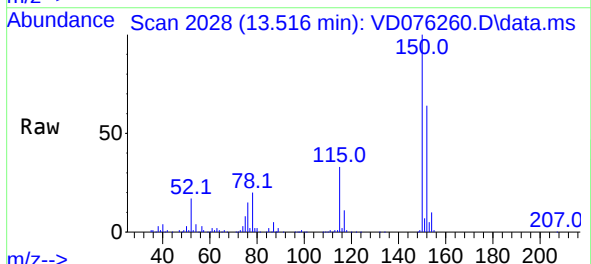
Instrument :
MSVOA_D
ClientSampleId :
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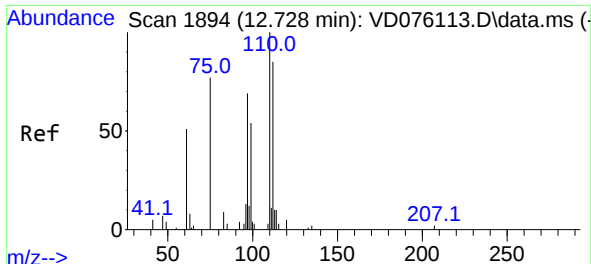
Tgt Ion:117 Resp: 407625
Ion Ratio Lower Upper
117 100
82 50.9 44.0 66.0
119 33.4 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076260.D
Acq: 26 May 2023 15:40

Tgt Ion:152 Resp: 161545
Ion Ratio Lower Upper
152 100
115 51.6 30.1 90.3
150 155.2 0.0 364.8

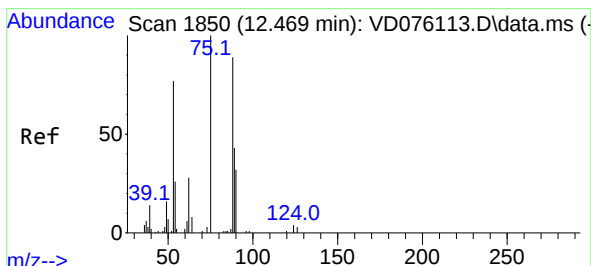
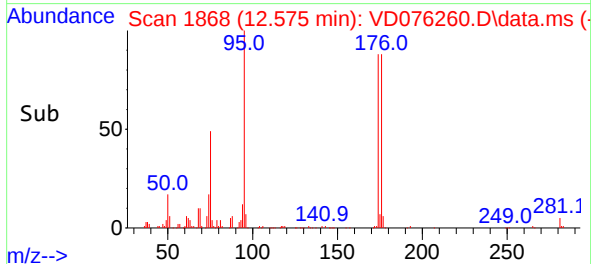
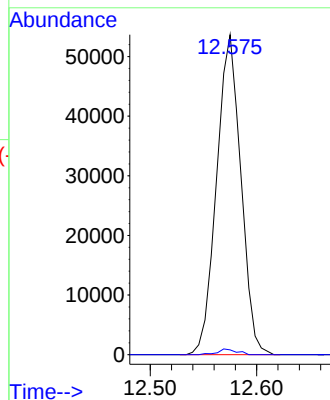
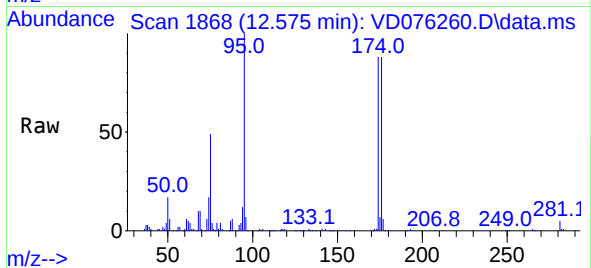




#76
1,2,3-Trichloropropane
Concen: 60.086 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076260.D
Acq: 26 May 2023 15:40

Instrument :
MSVOA_D
ClientSampleId :
OR-03-052423

Tgt Ion: 75 Resp: 84941
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 126.051 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076260.D
Acq: 26 May 2023 15:40

Tgt Ion: 75 Resp: 84941
Ion Ratio Lower Upper
75 100
53 0.1 90.5 135.7#
89 0.0 40.2 60.4#

