

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052423\
 Data File : VD076221.D
 Acq On : 24 May 2023 18:39
 Operator : KP/SY
 Sample : 02868-01
 Misc : 5.21G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP13

Quant Time: May 25 06:03:08 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)

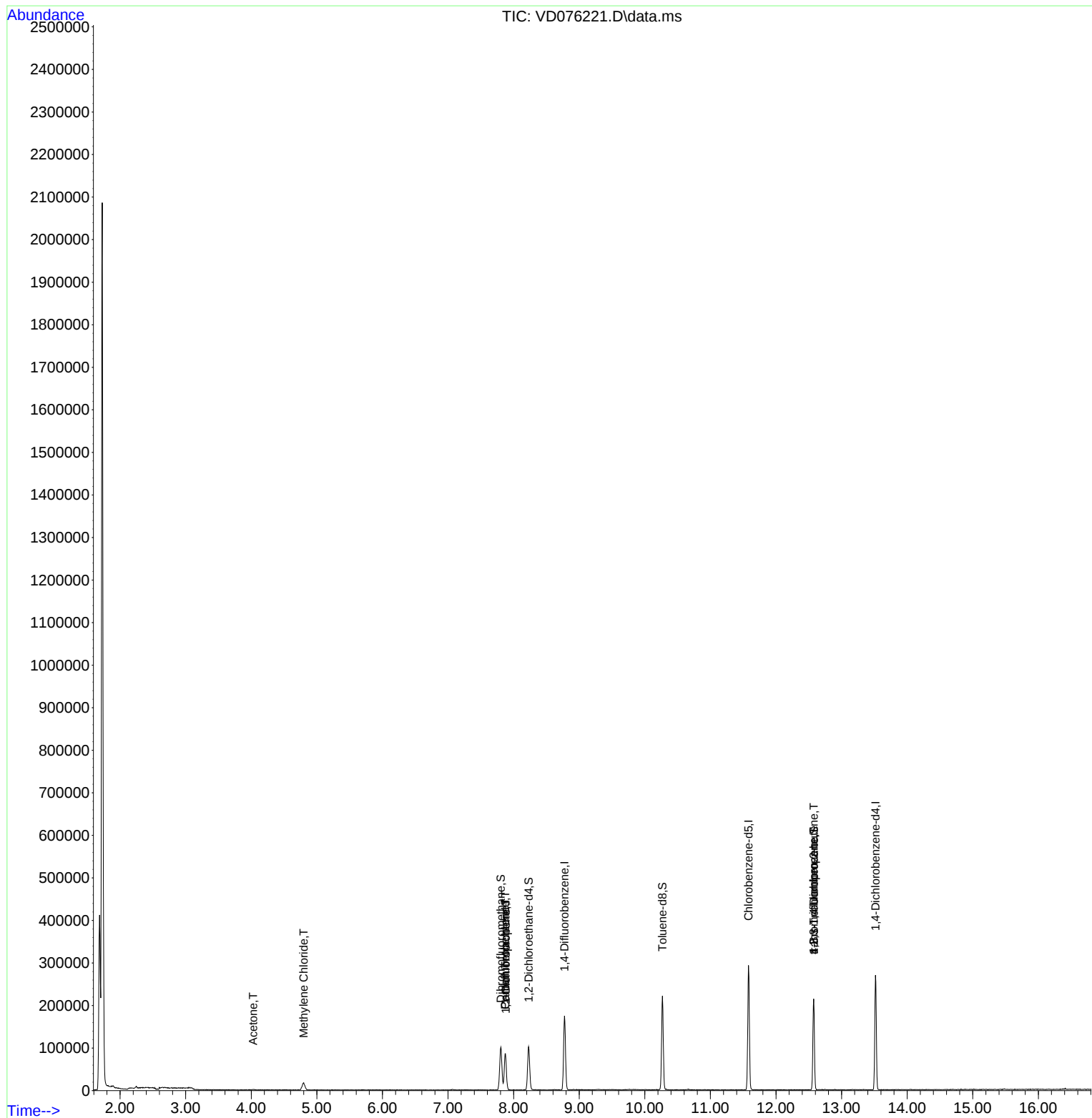
Internal Standards						
1) Pentafluorobenzene	7.869	168	68979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	167932	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	185302	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	76289	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	77608	116.412	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 232.820%#	
35) Dibromofluoromethane	7.805	113	75443	64.994	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 129.980%	
50) Toluene-d8	10.269	98	163831	36.206	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 72.420%	
62) 4-Bromofluorobenzene	12.575	95	68171	54.234	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.460%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	379	Below Cal	#	40
16) Acetone	4.028	43	1650	12.440	ug/l	95
20) Methylene Chloride	4.799	84	14278	5.621	ug/l #	69
36) 1,1-Dichloropropene	7.881	75	5230	3.336	ug/l #	48
38) Carbon Tetrachloride	7.875	117	5992	4.232	ug/l #	21
76) 1,2,3-Trichloropropane	12.575	75	34977	52.393	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	34977	109.911	ug/l #	5

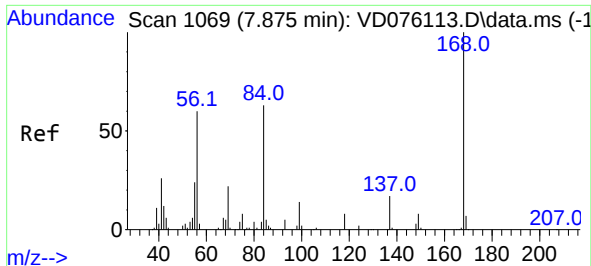
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue May 16 10:08:53 2023
Response via : Initial Calibration

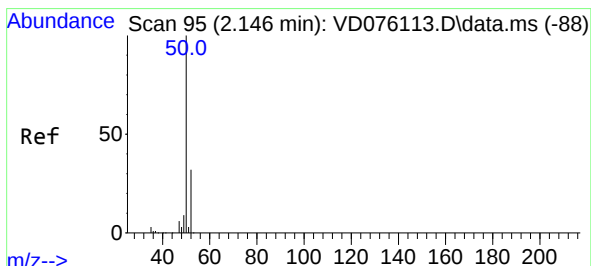
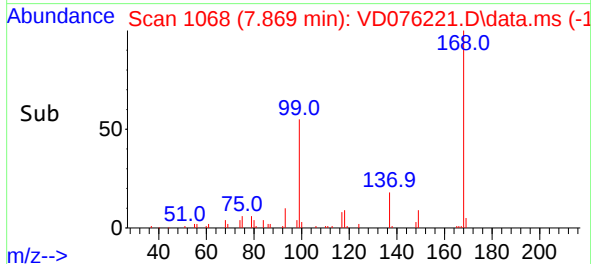
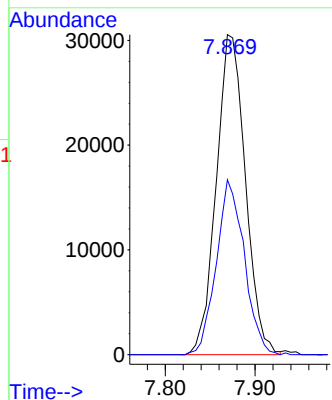
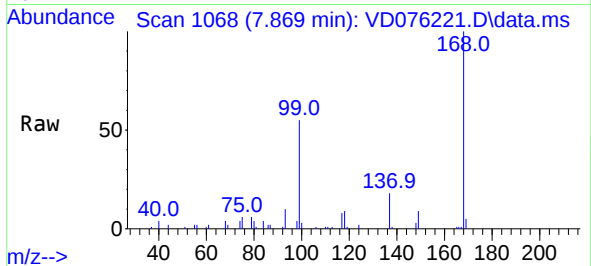




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD076221.D
Acq: 24 May 2023 18:39

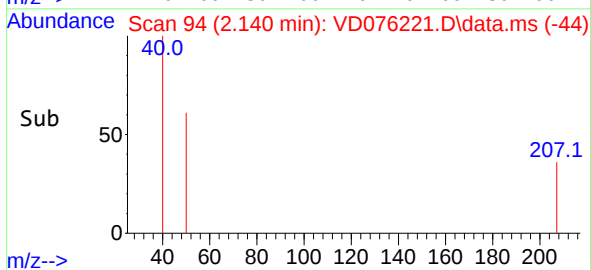
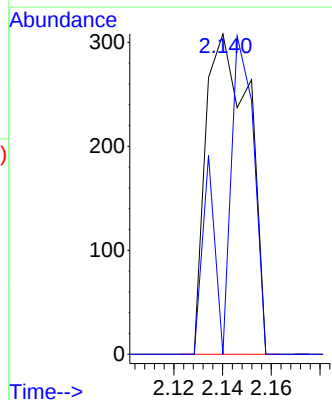
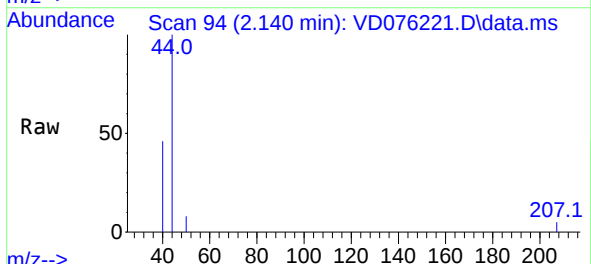
Instrument :
MSVOA_D
ClientSampleId :
TP13

Tgt Ion:168 Resp: 68979
Ion Ratio Lower Upper
168 100
99 54.6 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD076221.D
Acq: 24 May 2023 18:39

Tgt Ion: 50 Resp: 379
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#





#16

Acetone

Concen: 12.440 ug/l

RT: 4.028 min Scan# 41

Delta R.T. 0.006 min

Lab File: VD076221.D

Acq: 24 May 2023 18:39

Instrument :

MSVOA_D

ClientSampleId :

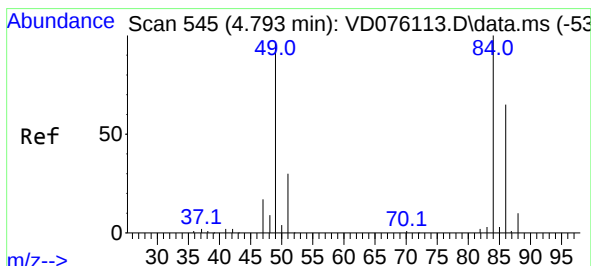
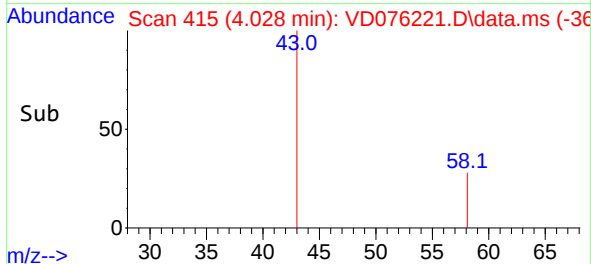
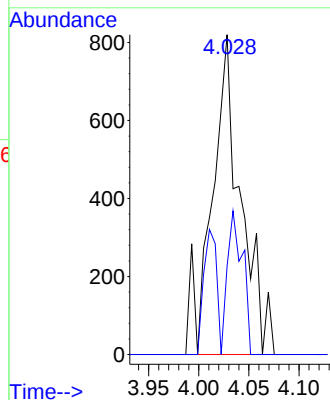
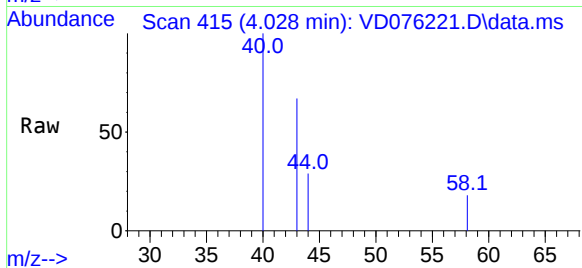
TP13

Tgt Ion: 43 Resp: 1650

Ion Ratio Lower Upper

43 100

58 27.6 24.4 36.6



#20

Methylene Chloride

Concen: 5.621 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.000 min

Lab File: VD076221.D

Acq: 24 May 2023 18:39

Tgt Ion: 84 Resp: 14278

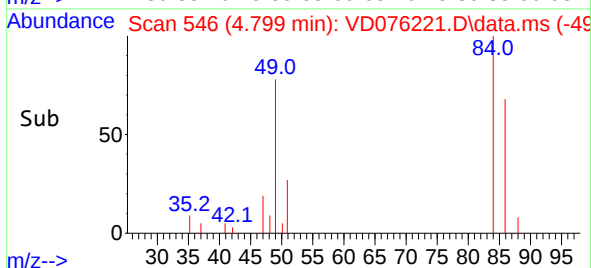
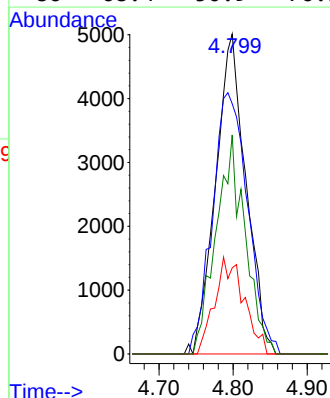
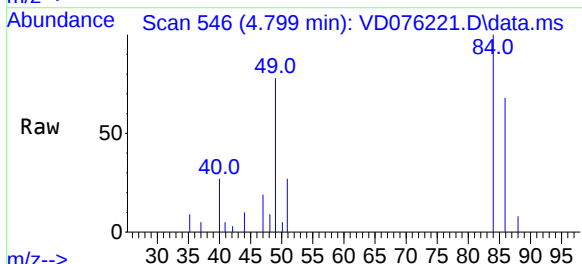
Ion Ratio Lower Upper

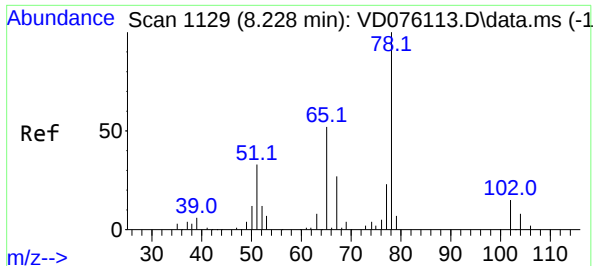
84 100

49 78.2 106.4 159.6#

51 26.9 32.4 48.6#

86 68.4 50.9 76.3

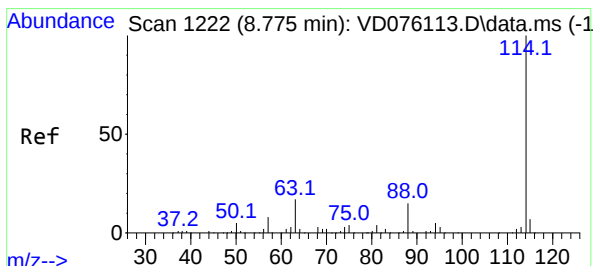
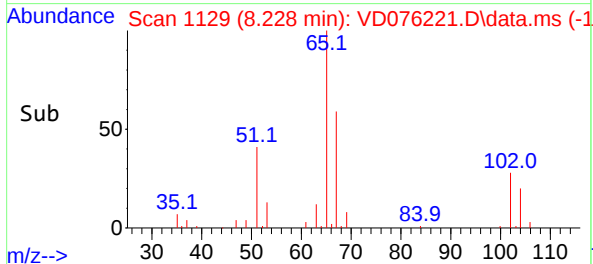
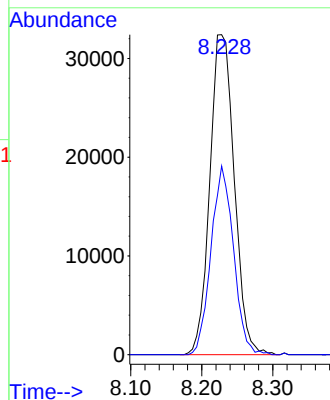
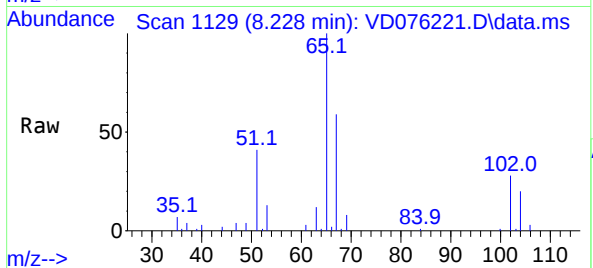




#33
1,2-Dichloroethane-d4
Concen: 116.412 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076221.D
Acq: 24 May 2023 18:39

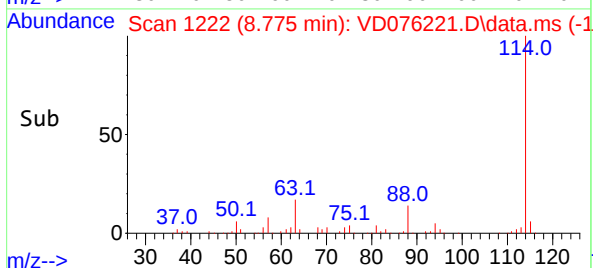
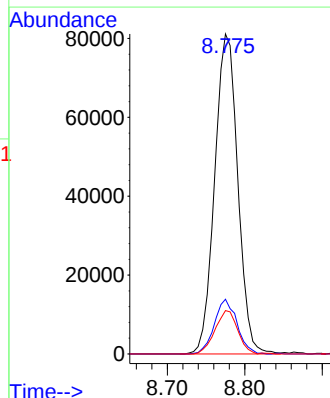
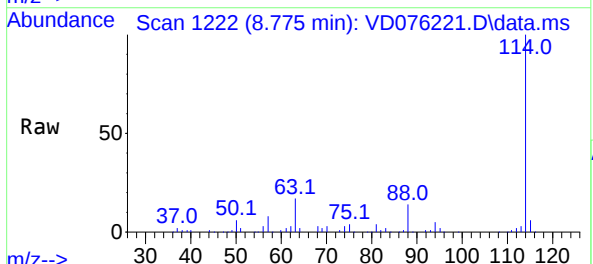
Instrument :
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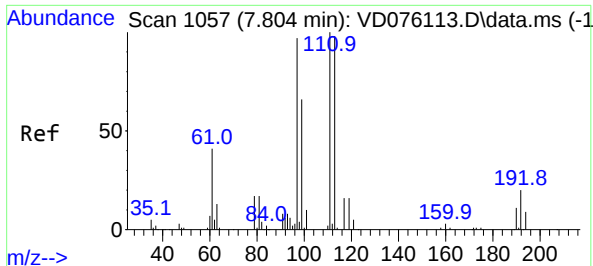
Tgt Ion: 65 Resp: 77608
Ion Ratio Lower Upper
65 100
67 54.2 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076221.D
Acq: 24 May 2023 18:39

Tgt Ion: 114 Resp: 167932
Ion Ratio Lower Upper
114 100
63 17.1 0.0 41.6
88 13.6 0.0 30.6

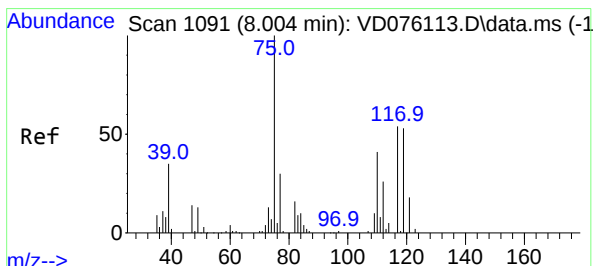
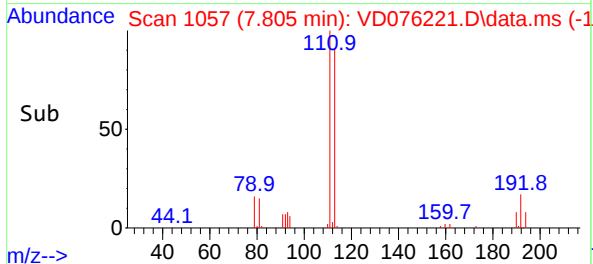
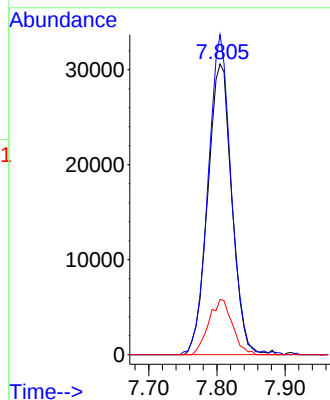
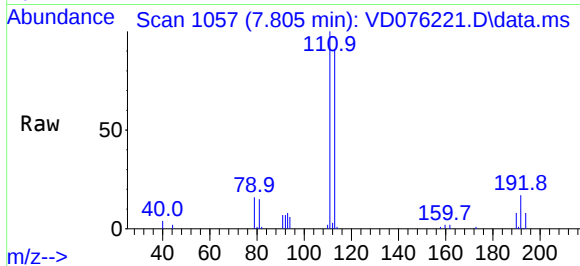




#35
Dibromofluoromethane
Concen: 64.994 ug/l
RT: 7.805 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD076221.D
Acq: 24 May 2023 18:39

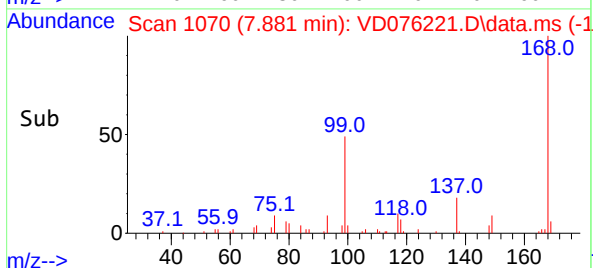
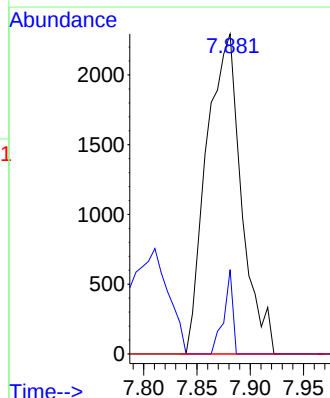
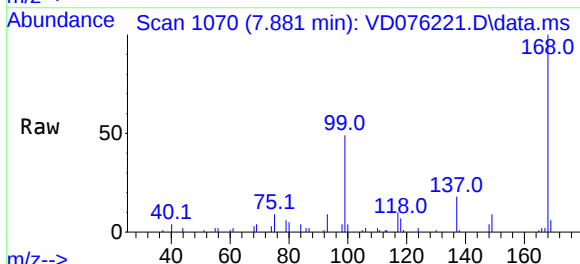
Instrument :
MSVOA_D
ClientSampleId :
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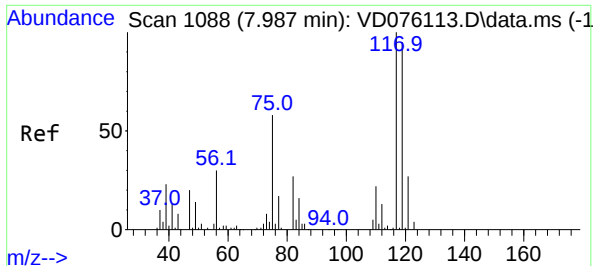
Tgt Ion:	113	Resp:	75443
Ion	Ratio	Lower	Upper
113	100		
111	104.4	81.4	122.0
192	18.6	15.2	22.8



#36
1,1-Dichloropropene
Concen: 3.336 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.129 min
Lab File: VD076221.D
Acq: 24 May 2023 18:39

Tgt Ion:	75	Resp:	5230
Ion	Ratio	Lower	Upper
75	100		
110	6.7	17.1	51.2#
77	0.0	24.6	36.8#

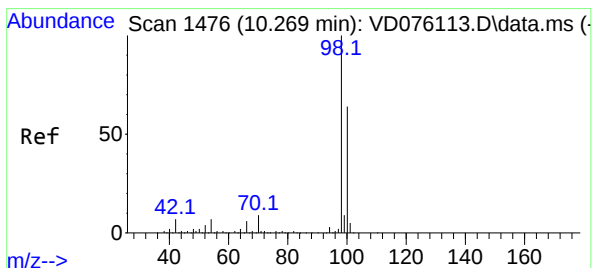
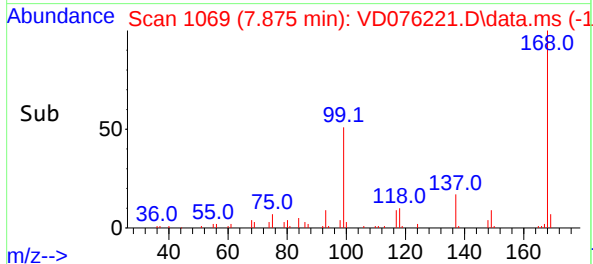
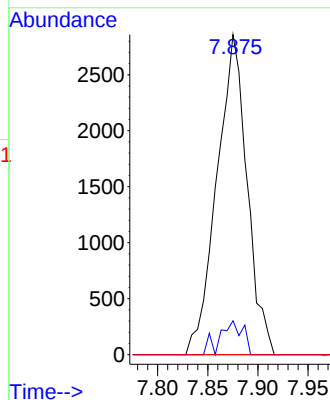
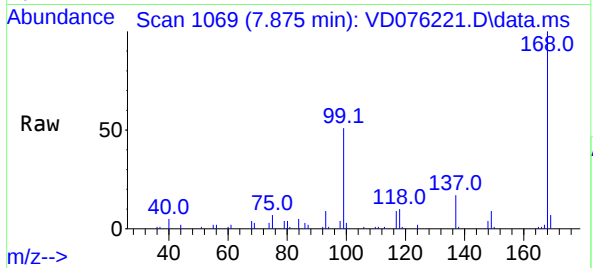




#38
Carbon Tetrachloride
Concen: 4.232 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.118 min
Lab File: VD076221.D
Acq: 24 May 2023 18:39

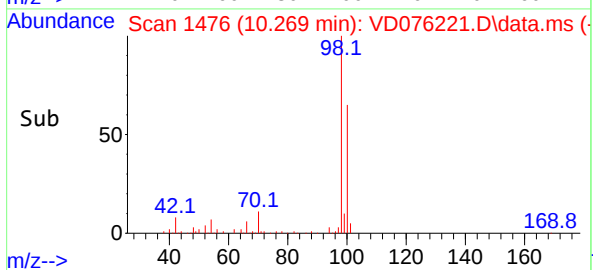
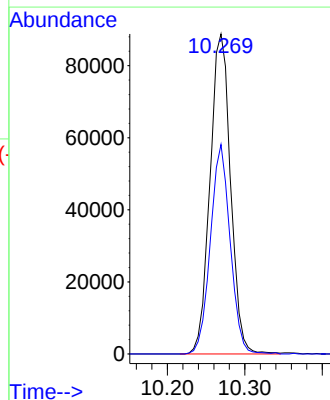
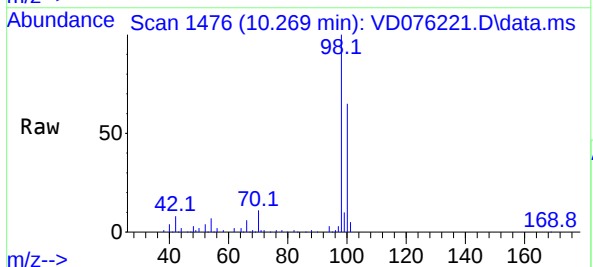
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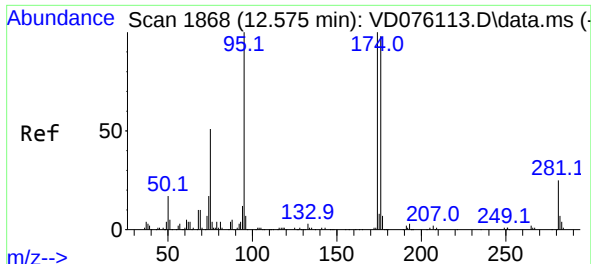
Tgt Ion:117 Resp: 5992
Ion Ratio Lower Upper
117 100
119 10.6 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 36.206 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076221.D
Acq: 24 May 2023 18:39

Tgt Ion: 98 Resp: 163831
Ion Ratio Lower Upper
98 100
100 63.0 52.1 78.1

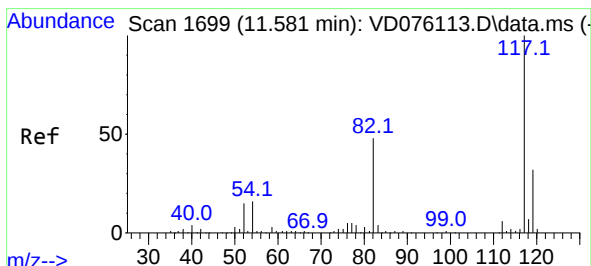
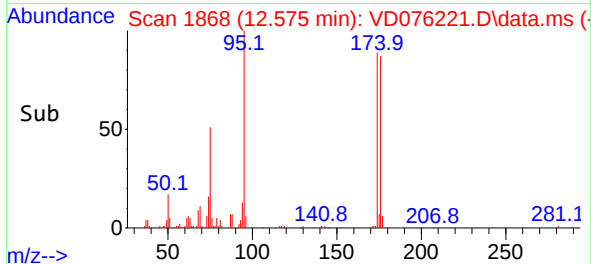
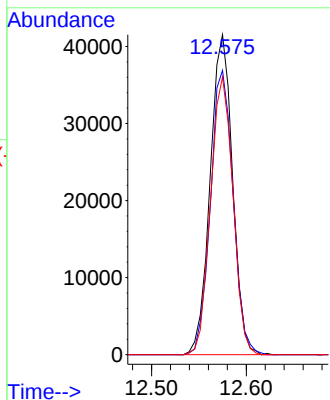
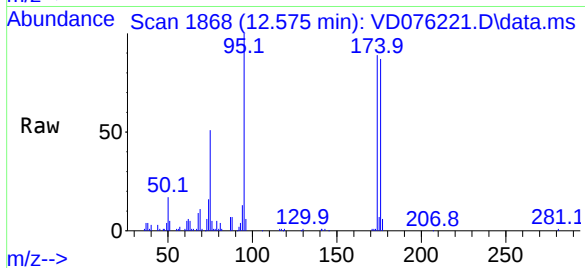




#62
4-Bromofluorobenzene
Concen: 54.234 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076221.D
Acq: 24 May 2023 18:39

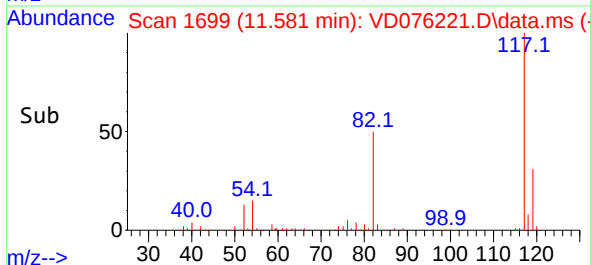
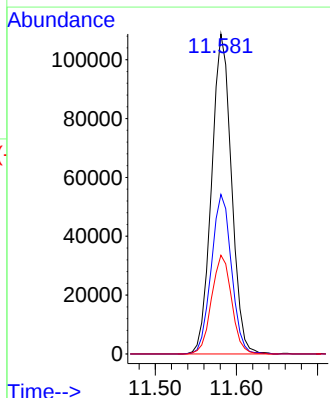
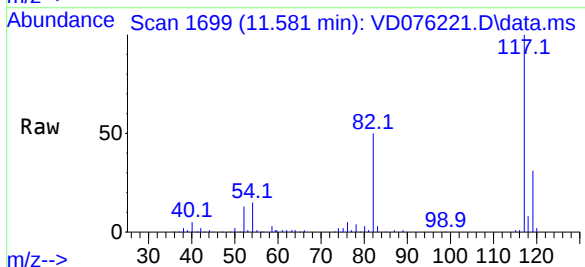
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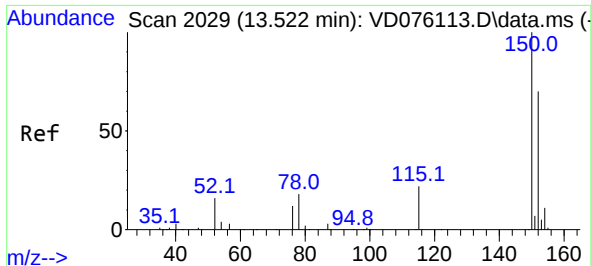
Tgt Ion: 95 Resp: 68171
Ion Ratio Lower Upper
95 100
174 89.6 0.0 164.0
176 86.7 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076221.D
Acq: 24 May 2023 18:39

Tgt Ion: 117 Resp: 185302
Ion Ratio Lower Upper
117 100
82 49.8 44.0 66.0
119 30.9 25.1 37.7

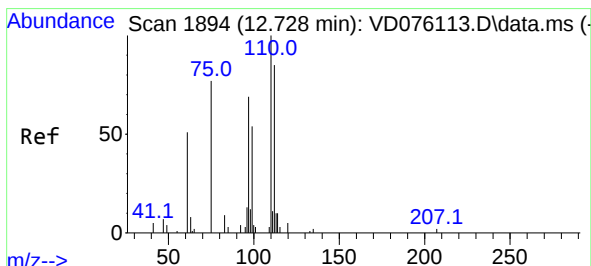
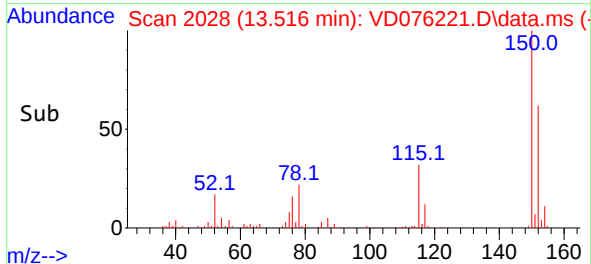
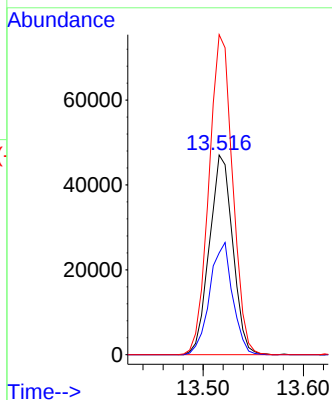
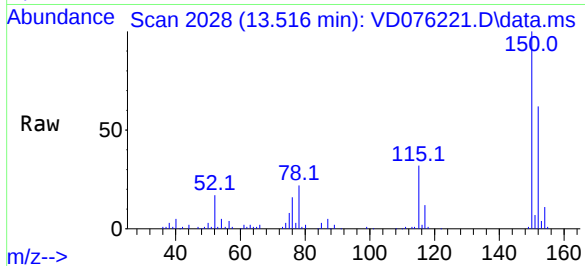




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD076221.D
 Acq: 24 May 2023 18:39

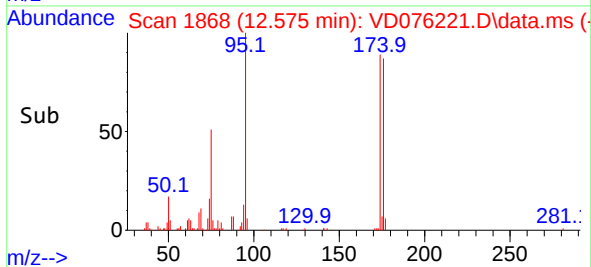
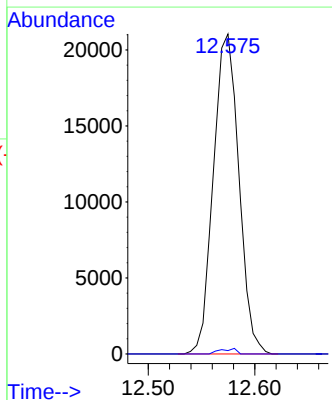
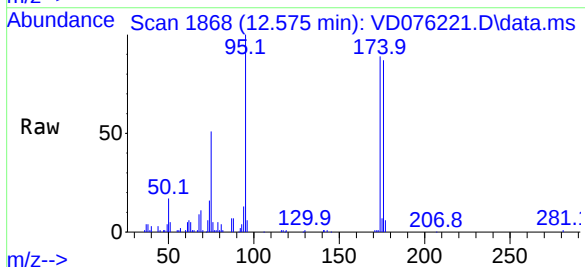
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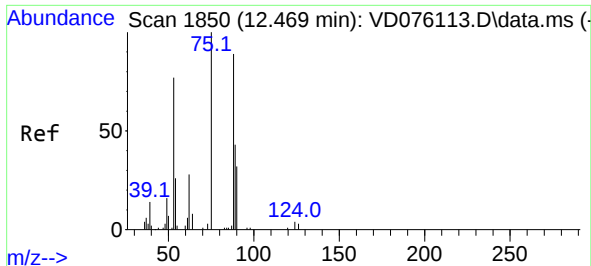
Tgt Ion:152 Resp: 76289
 Ion Ratio Lower Upper
 152 100
 115 55.0 30.1 90.3
 150 162.2 0.0 364.8



#76
 1,2,3-Trichloropropane
 Concen: 52.393 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD076221.D
 Acq: 24 May 2023 18:39

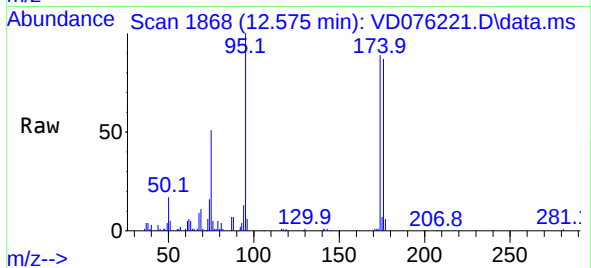
Tgt Ion: 75 Resp: 34977
 Ion Ratio Lower Upper
 75 100
 77 1.1 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 109.911 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD076221.D
Acq: 24 May 2023 18:39

Instrument :
MSVOA_D
ClientSampleId :
TP13



Tgt Ion: 75 Resp: 34977
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

