

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052423\
 Data File : VD076216.D
 Acq On : 24 May 2023 16:10
 Operator : KP/SY
 Sample : 02892-04
 Misc : 6.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-31

Quant Time: May 25 06:02:14 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)

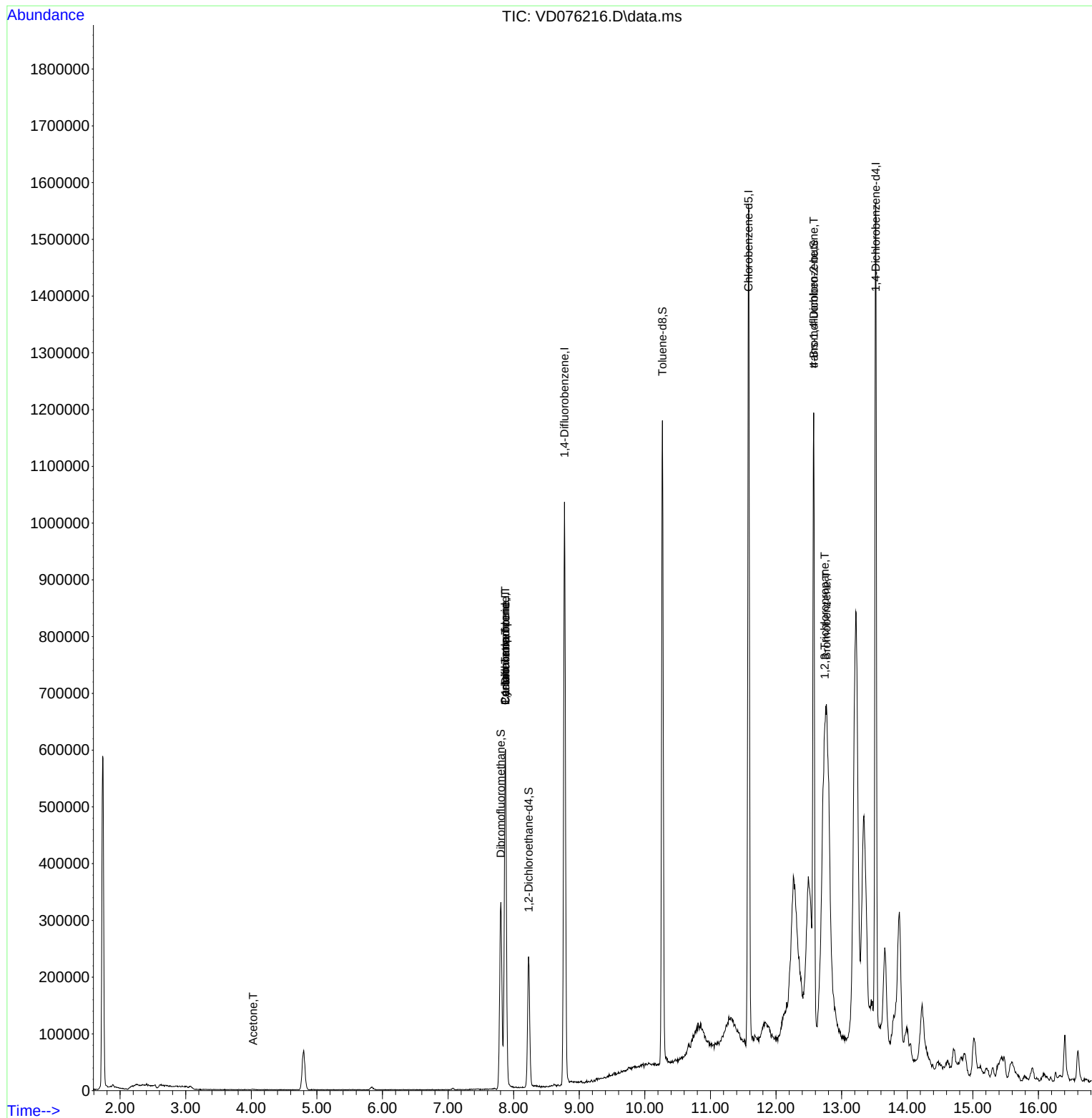
Internal Standards						
1) Pentafluorobenzene	7.875	168	495946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	983006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	946979	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	438948	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	171058	35.688	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	71.380%
35) Dibromofluoromethane	7.804	113	250242	36.829	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	73.660%
50) Toluene-d8	10.269	98	849922	32.088	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	64.180%
62) 4-Bromofluorobenzene	12.575	95	349822	47.544	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.080%
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	740	Below Cal		94
16) Acetone	4.028	43	1655	1.735	ug/l	95
17) Carbon Disulfide	4.275	76	146	Below Cal	#	73
20) Methylene Chloride	4.799	84	59920	Below Cal	#	78
31) Cyclohexane	7.875	56	9411	1.282	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	34594	3.770	ug/l #	43
38) Carbon Tetrachloride	7.875	117	45495	5.489	ug/l #	18
76) 1,2,3-Trichloropropane	12.745	75	12257	3.191	ug/l #	100
77) Bromobenzene	12.769	156	1072735	137.835	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	162799	88.912	ug/l #	5

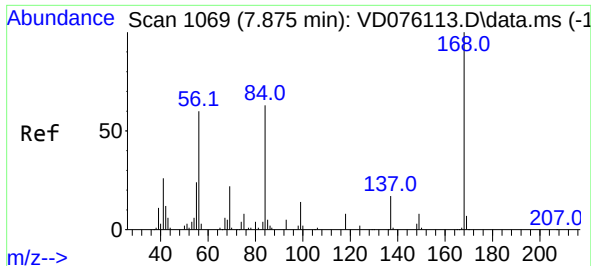
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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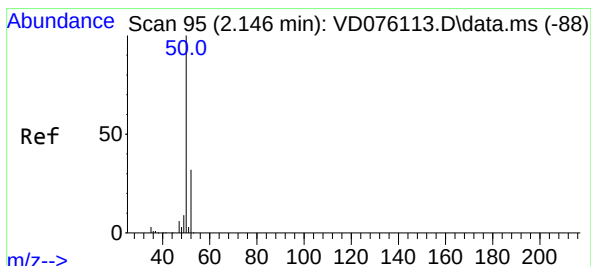
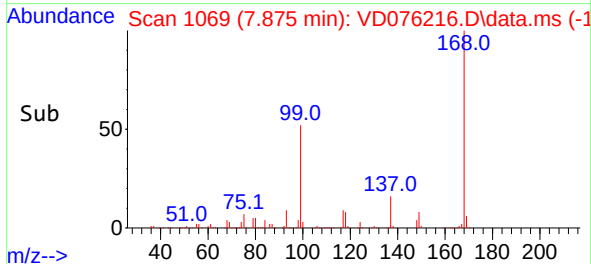
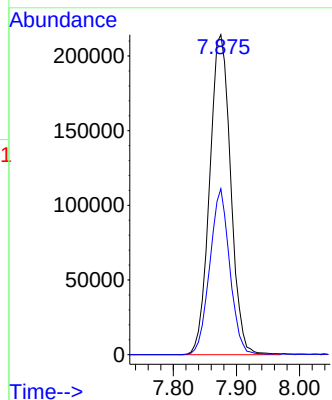
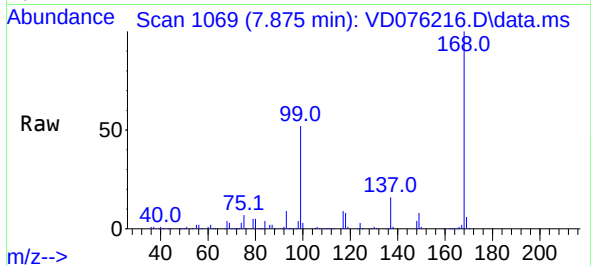




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076216.D
Acq: 24 May 2023 16:10

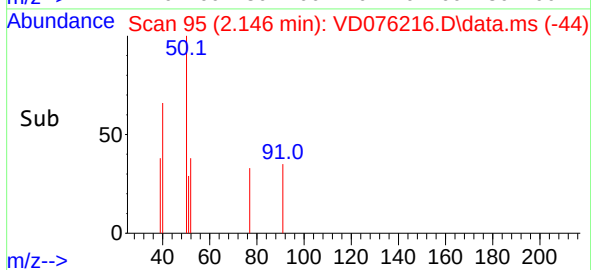
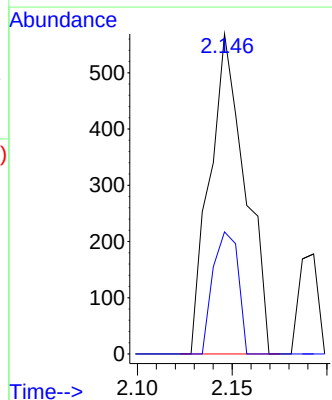
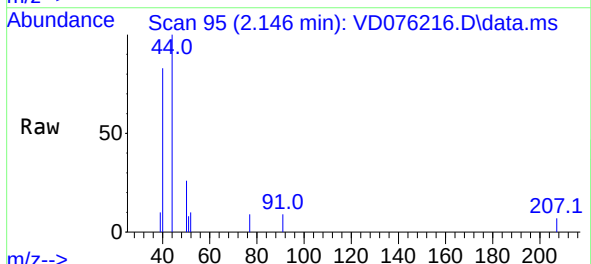
Instrument :
MSVOA_D
ClientSampleId :
TP-31

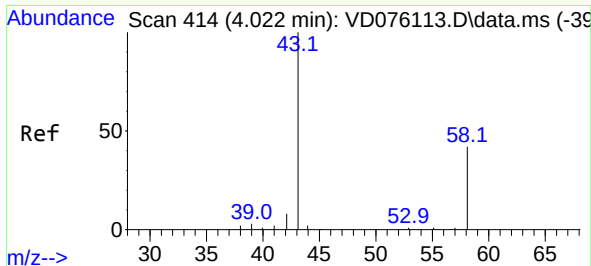
Tgt Ion:168 Resp: 495946
Ion Ratio Lower Upper
168 100
99 51.9 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076216.D
Acq: 24 May 2023 16:10

Tgt Ion: 50 Resp: 740
Ion Ratio Lower Upper
50 100
52 38.1 27.8 41.8

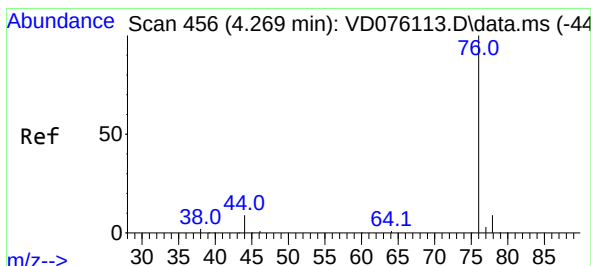
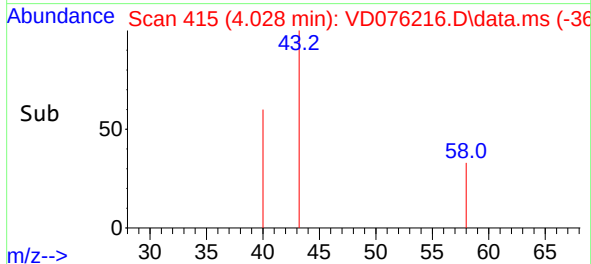
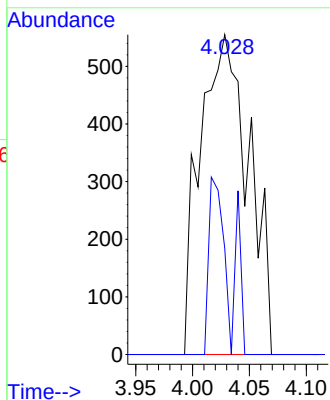
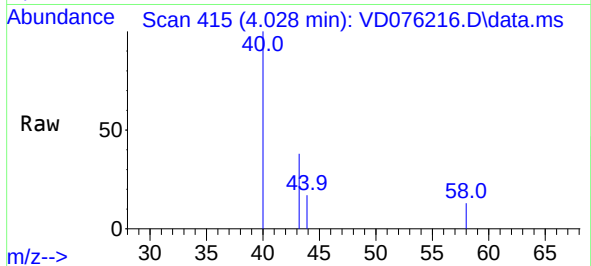




#16
Acetone
Concen: 1.735 ug/l
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076216.D
Acq: 24 May 2023 16:10

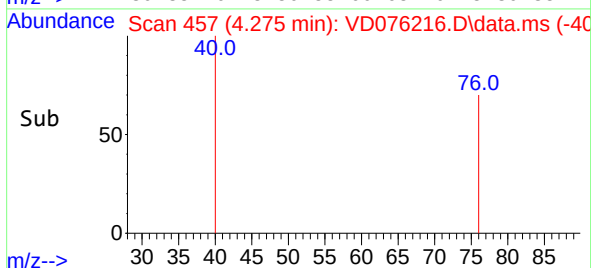
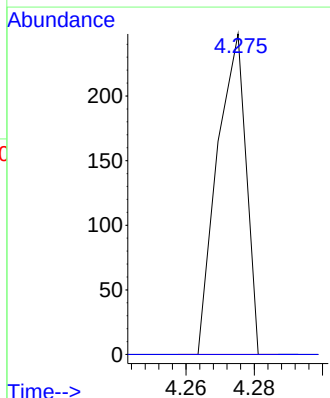
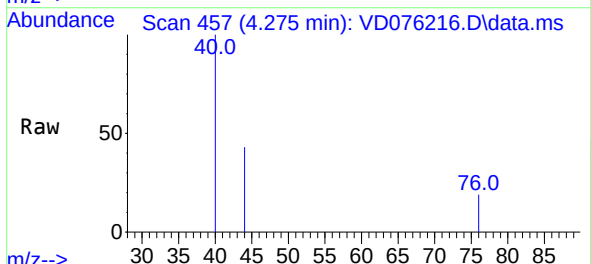
Instrument :
MSVOA_D
ClientSampleId :
TP-31

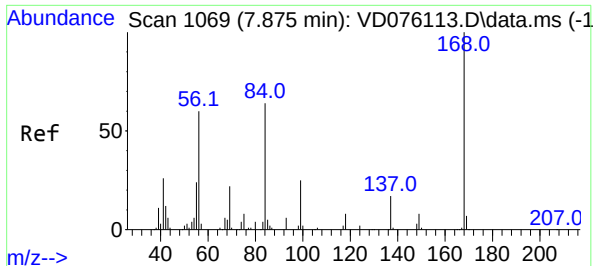
Tgt Ion: 43 Resp: 1655
Ion Ratio Lower Upper
43 100
58 33.2 24.4 36.6



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.275 min Scan# 457
Delta R.T. 0.006 min
Lab File: VD076216.D
Acq: 24 May 2023 16:10

Tgt Ion: 76 Resp: 146
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#

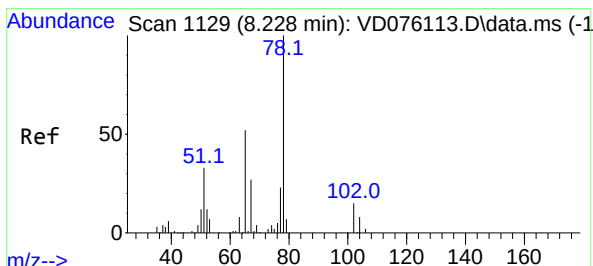
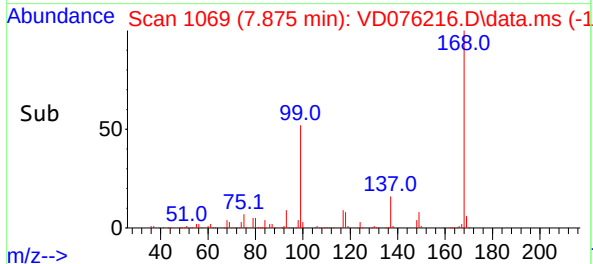
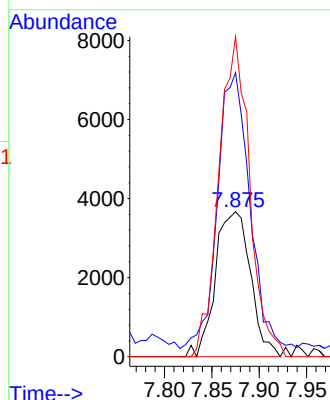
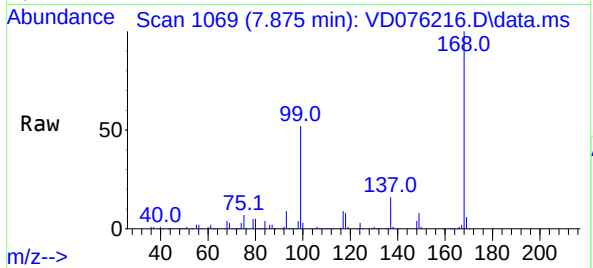




#31
Cyclohexane
Concen: 1.282 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076216.D
Acq: 24 May 2023 16:10

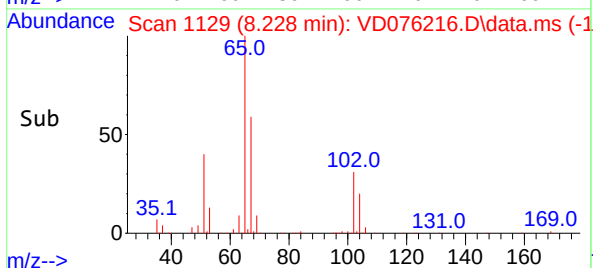
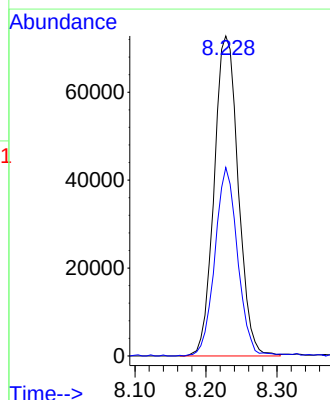
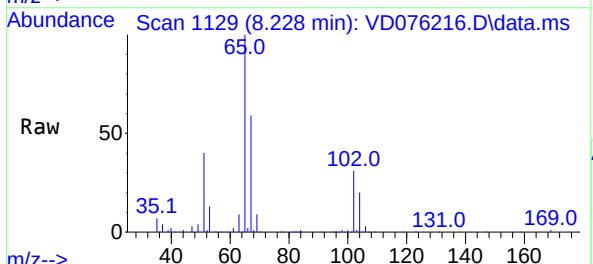
Instrument :
MSVOA_D
ClientSampleId :
TP-31

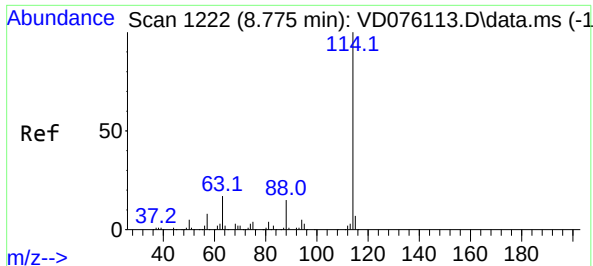
Tgt Ion: 56 Resp: 9411
Ion Ratio Lower Upper
56 100
69 190.3 25.5 38.3#
84 220.7 69.6 104.4#



#33
1,2-Dichloroethane-d4
Concen: 35.688 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076216.D
Acq: 24 May 2023 16:10

Tgt Ion: 65 Resp: 171058
Ion Ratio Lower Upper
65 100
67 55.8 0.0 102.2



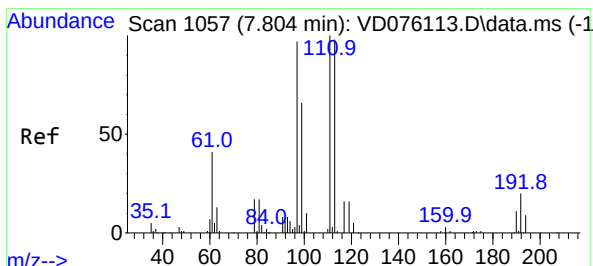
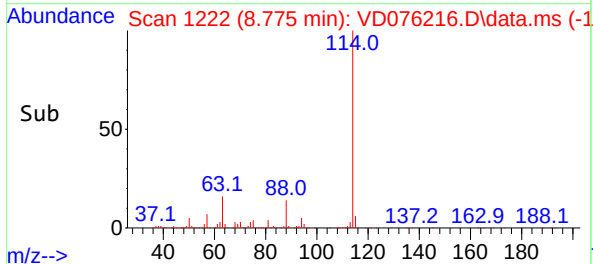
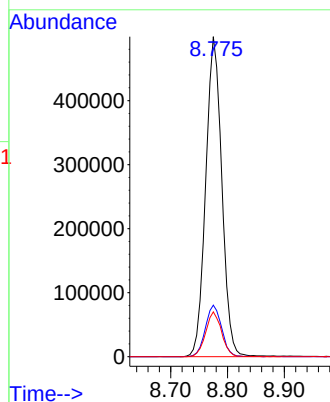
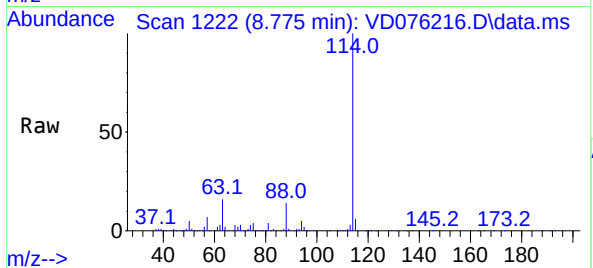


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076216.D
Acq: 24 May 2023 16:10

Instrument :
MSVOA_D
ClientSampleId :
TP-31

Tgt Ion:114 Resp: 983006

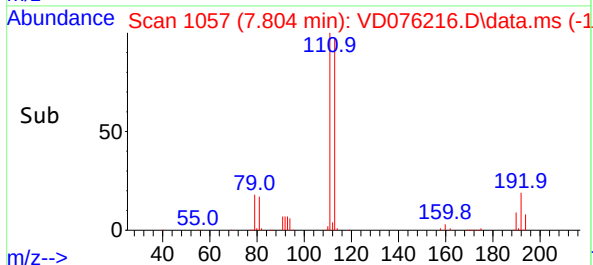
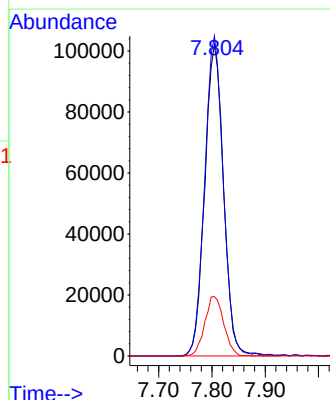
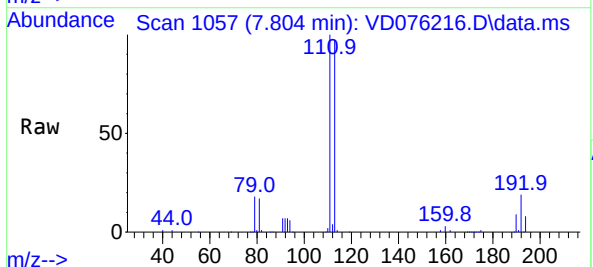
Ion	Ratio	Lower	Upper
114	100		
63	16.1	0.0	41.6
88	14.0	0.0	30.6

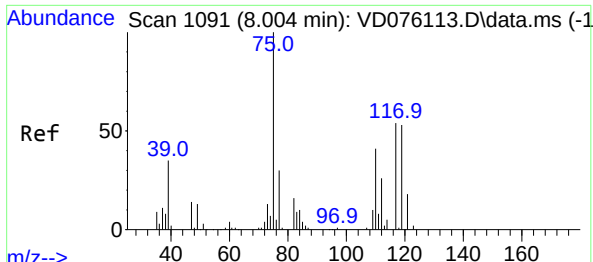


#35
Dibromofluoromethane
Concen: 36.829 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.001 min
Lab File: VD076216.D
Acq: 24 May 2023 16:10

Tgt Ion:113 Resp: 250242

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.4	122.0
192	19.3	15.2	22.8

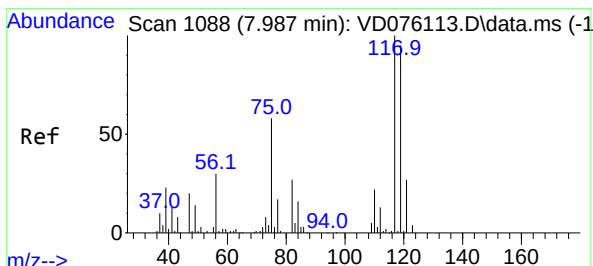
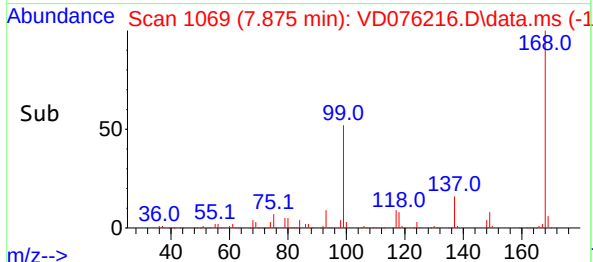
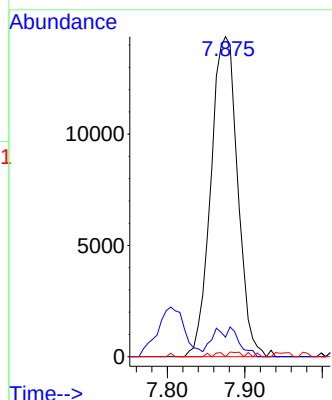
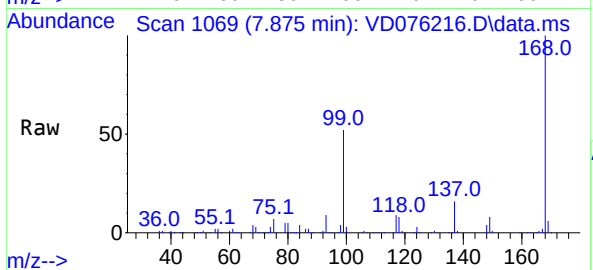




#36
1,1-Dichloropropene
Concen: 3.770 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD076216.D
Acq: 24 May 2023 16:10

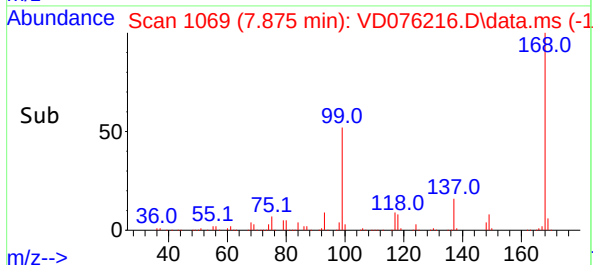
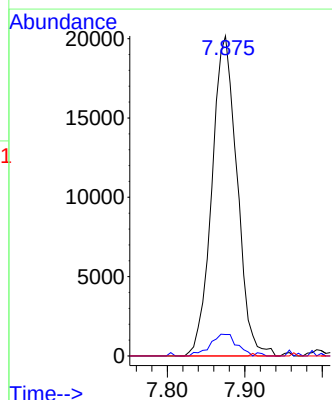
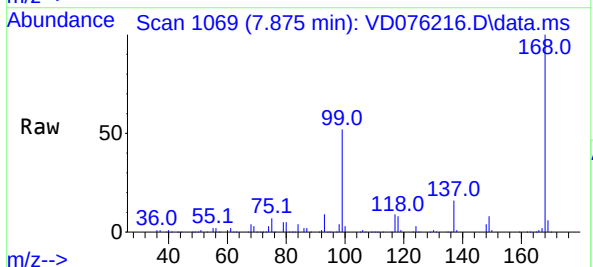
Instrument :
MSVOA_D
ClientSampleId :
TP-31

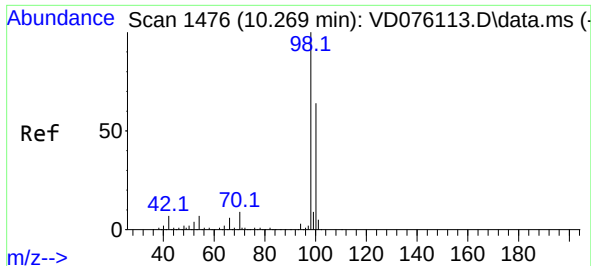
Tgt Ion: 75 Resp: 34594
Ion Ratio Lower Upper
75 100
110 0.0 17.1 51.2#
77 0.6 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.489 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076216.D
Acq: 24 May 2023 16:10

Tgt Ion: 117 Resp: 45495
Ion Ratio Lower Upper
117 100
119 6.7 74.7 112.1#
121 0.0 25.9 38.9#

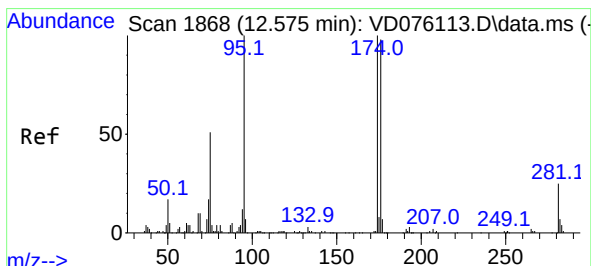
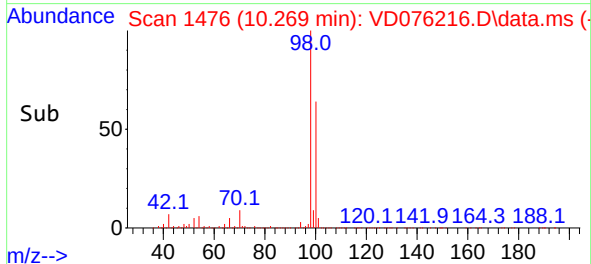
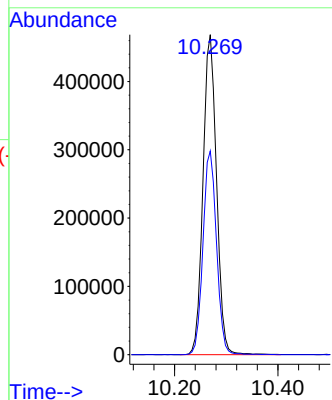
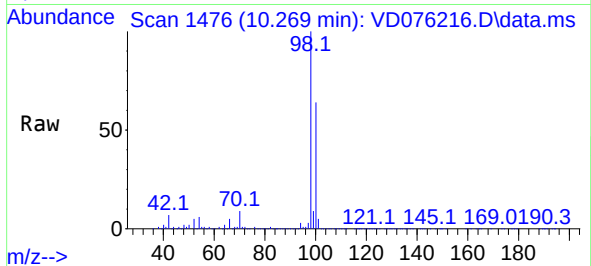




#50
Toluene-d8
Concen: 32.088 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076216.D
Acq: 24 May 2023 16:10

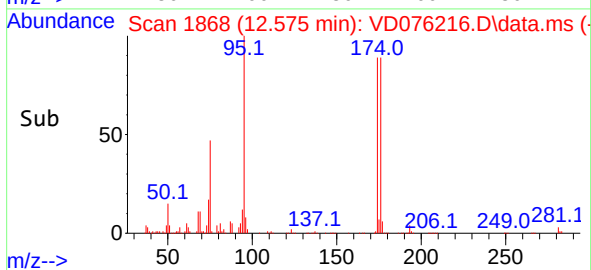
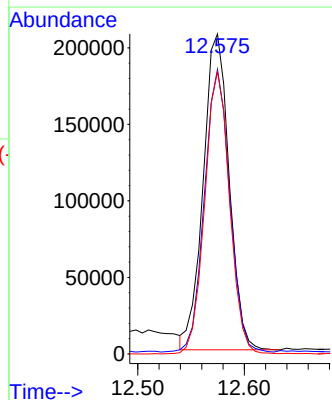
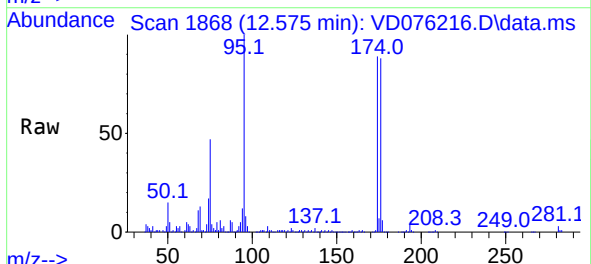
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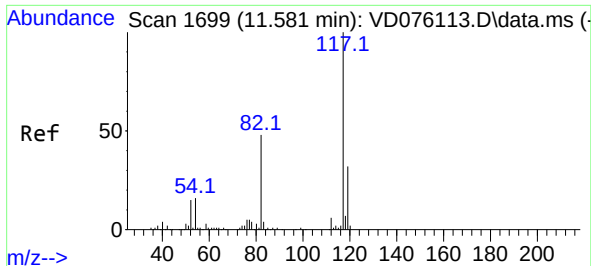
Tgt Ion: 98 Resp: 849922
Ion Ratio Lower Upper
98 100
100 63.8 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 47.544 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076216.D
Acq: 24 May 2023 16:10

Tgt Ion: 95 Resp: 349822
Ion Ratio Lower Upper
95 100
174 87.5 0.0 164.0
176 85.4 0.0 156.8

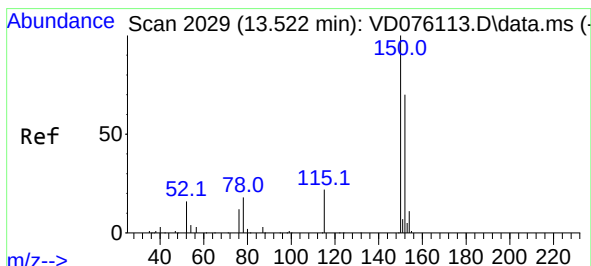
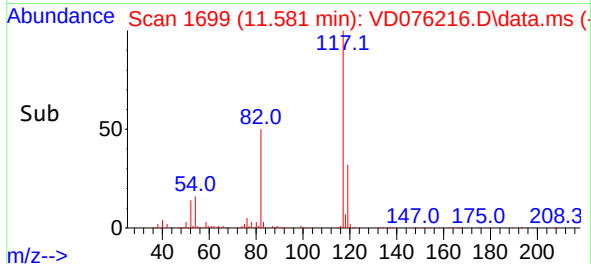
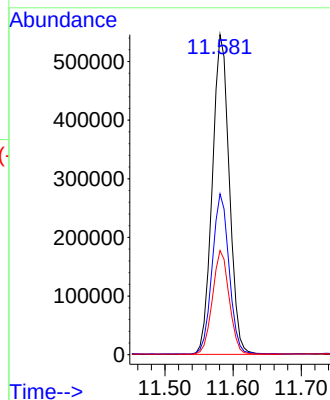
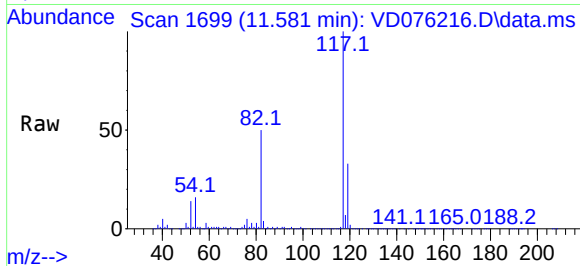




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD076216.D
Acq: 24 May 2023 16:10

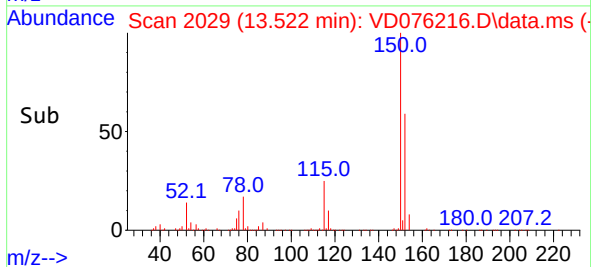
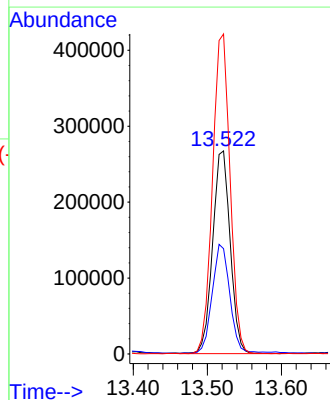
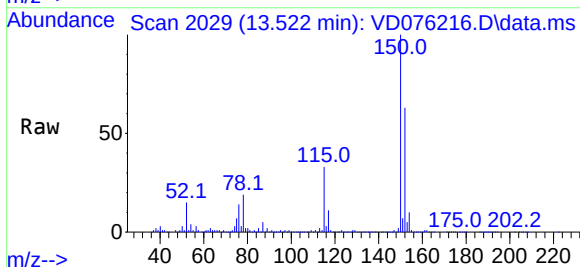
Instrument :
MSVOA_D
ClientSampleId :
TP-31

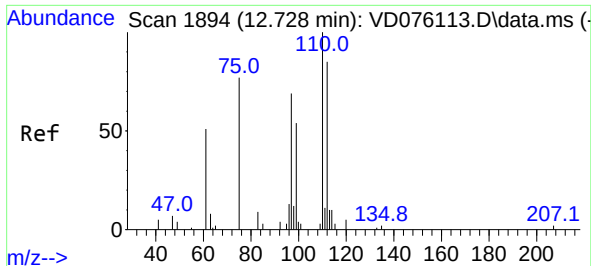
Tgt Ion:117 Resp: 946979
Ion Ratio Lower Upper
117 100
82 50.0 44.0 66.0
119 32.5 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076216.D
Acq: 24 May 2023 16:10

Tgt Ion:152 Resp: 438948
Ion Ratio Lower Upper
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115 54.2 30.1 90.3
150 157.2 0.0 364.8

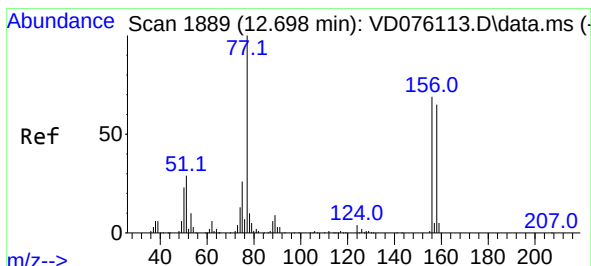
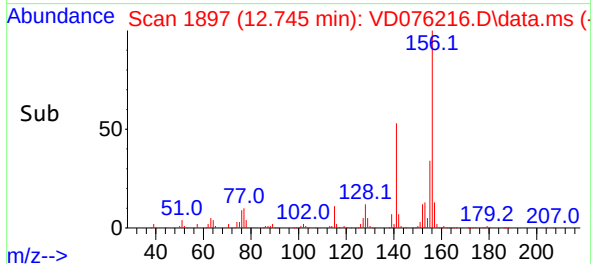
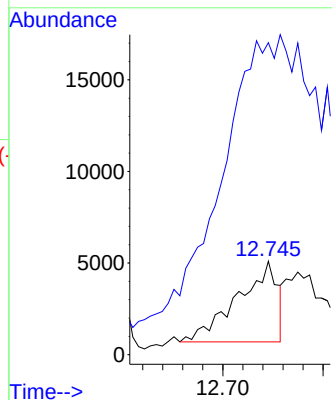
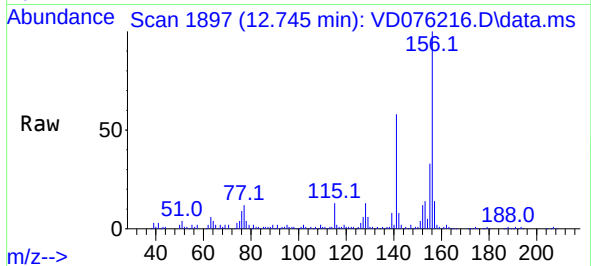




#76
1,2,3-Trichloropropane
Concen: 3.191 ug/l
RT: 12.745 min Scan# 1897
Delta R.T. 0.017 min
Lab File: VD076216.D
Acq: 24 May 2023 16:10

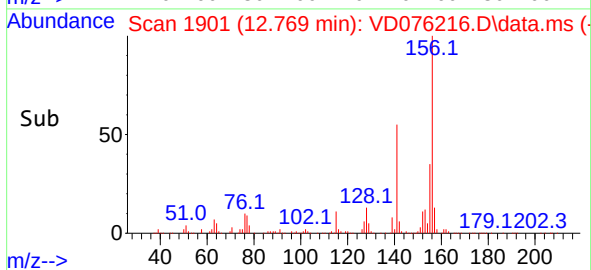
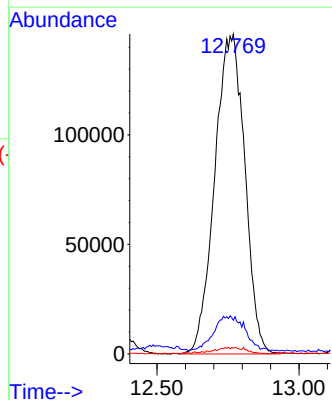
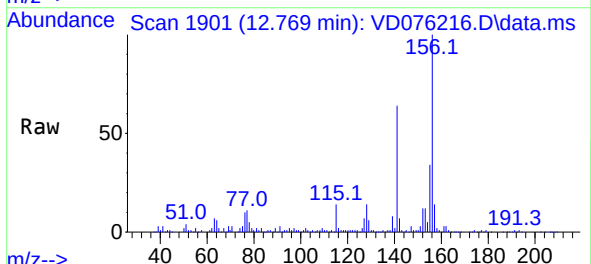
Instrument :
MSVOA_D
ClientSampleId :
TP-31

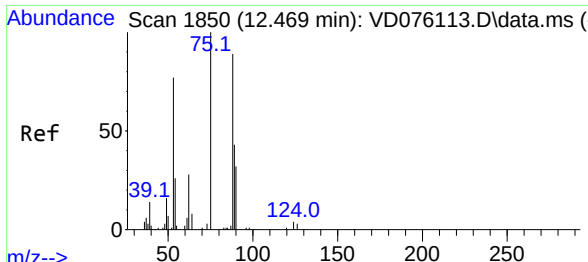
Tgt Ion: 75 Resp: 12257
Ion Ratio Lower Upper
75 100
77 480.0 0.0 0.0#



#77
Bromobenzene
Concen: 137.835 ug/l
RT: 12.769 min Scan# 1901
Delta R.T. 0.065 min
Lab File: VD076216.D
Acq: 24 May 2023 16:10

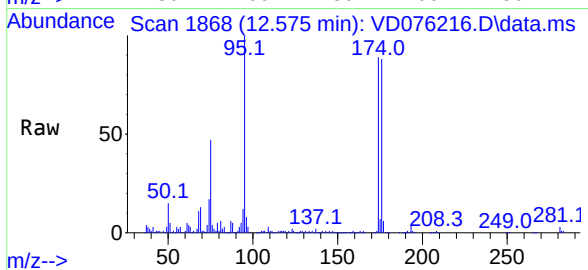
Tgt Ion:156 Resp: 1072735
Ion Ratio Lower Upper
156 100
77 0.0 89.5 268.6#
158 0.5 47.8 143.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 88.912 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD076216.D
 Acq: 24 May 2023 16:10

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-31



Tgt Ion: 75 Resp: 162799

Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.5	135.7#
89	0.4	40.2	60.4#

