

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052323\
 Data File : VD076203.D
 Acq On : 23 May 2023 19:59
 Operator : KP/SY
 Sample : 02867-11
 Misc : 4.55G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP15

Quant Time: May 24 06:43:13 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	284878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	601863	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	546972	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	230325	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	125303	45.511	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.020%
35) Dibromofluoromethane	7.805	113	163764	39.365	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	78.720%
50) Toluene-d8	10.269	98	473739	29.212	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	58.420%
62) 4-Bromofluorobenzene	12.575	95	176664	39.215	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.440%

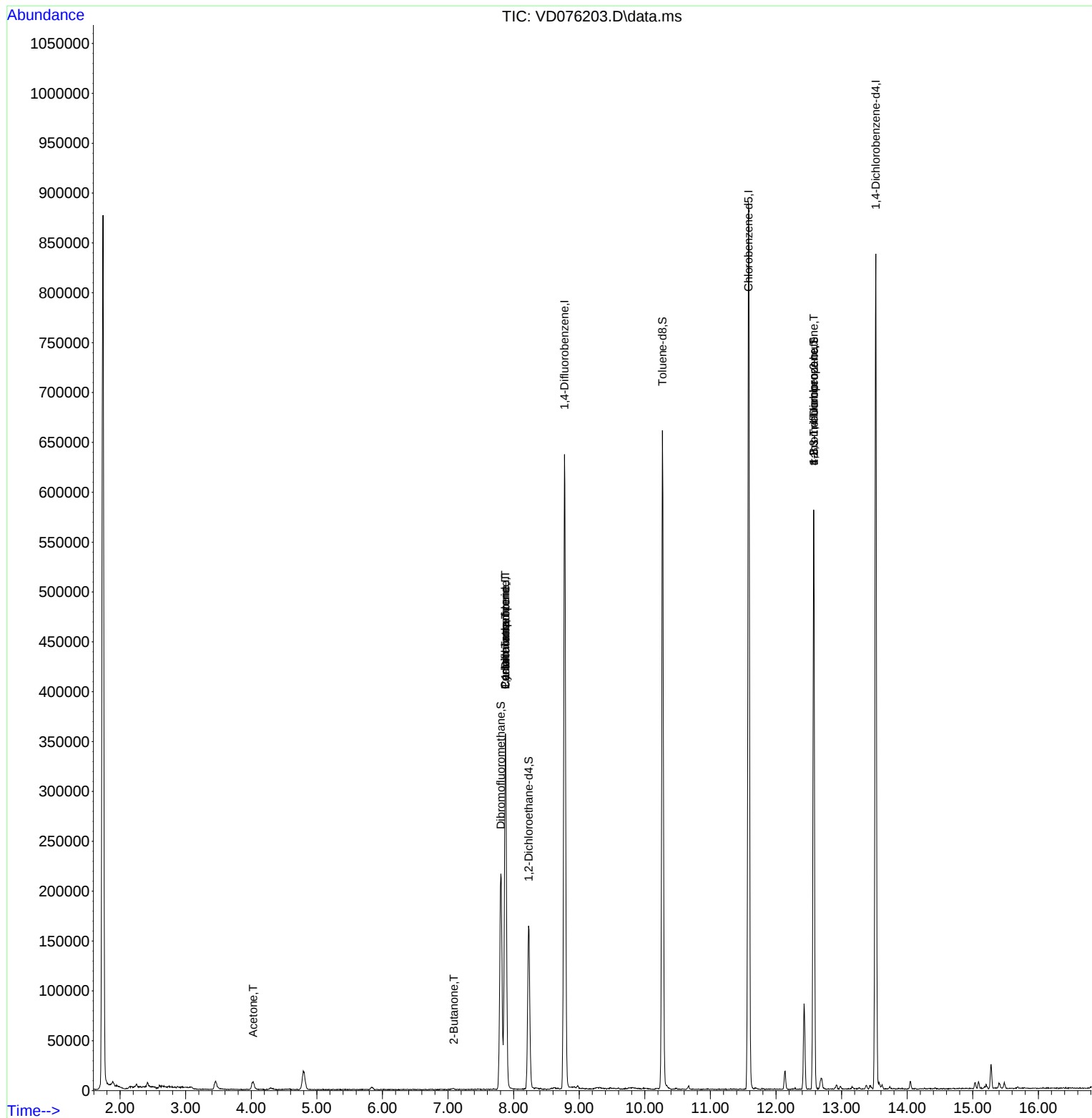
Target Compounds					Qvalue	
3) Chloromethane	2.152	50	472	Below Cal	#	52
16) Acetone	4.028	43	13584	24.797	ug/l #	86
17) Carbon Disulfide	4.275	76	132	Below Cal	#	73
20) Methylene Chloride	4.793	84	15971	Below Cal	#	78
25) 2-Butanone	7.087	43	816	1.185	ug/l #	50
31) Cyclohexane	7.875	56	5853	1.388	ug/l #	12
36) 1,1-Dichloropropene	7.875	75	22316	3.972	ug/l #	49
38) Carbon Tetrachloride	7.875	117	26682	5.258	ug/l #	17
76) 1,2,3-Trichloropropane	12.575	75	88180	43.750	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	88180	91.780	ug/l #	5

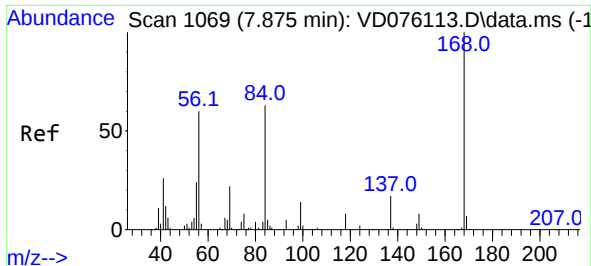
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

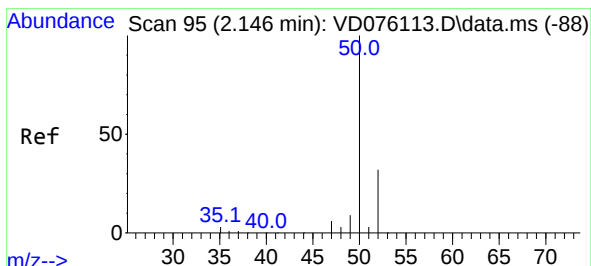
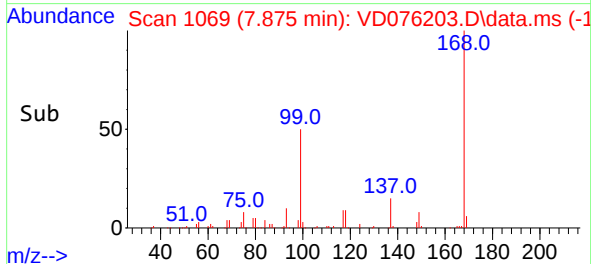
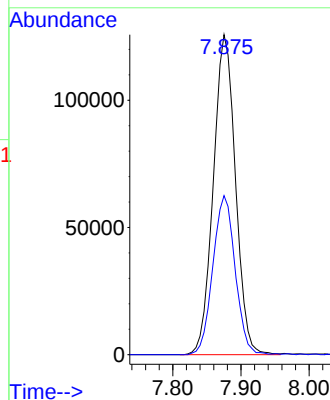
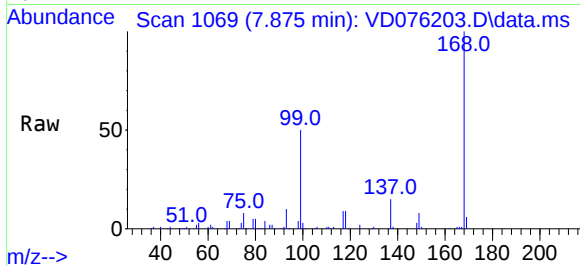




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD076203.D
Acq: 23 May 2023 19:59

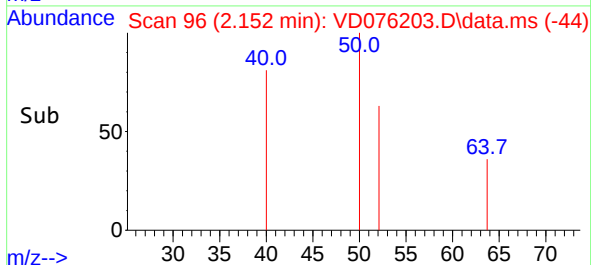
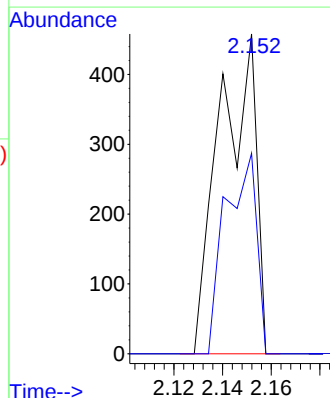
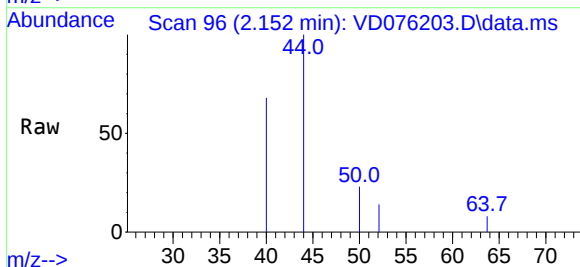
Instrument :
MSVOA_D
ClientSampleId :
TP15

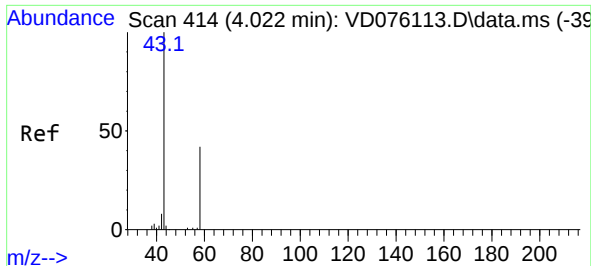
Tgt Ion:168 Resp: 284878
Ion Ratio Lower Upper
168 100
99 49.7 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.152 min Scan# 96
Delta R.T. 0.006 min
Lab File: VD076203.D
Acq: 23 May 2023 19:59

Tgt Ion: 50 Resp: 472
Ion Ratio Lower Upper
50 100
52 62.7 27.8 41.8#

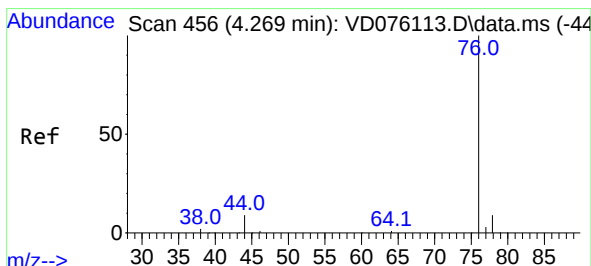
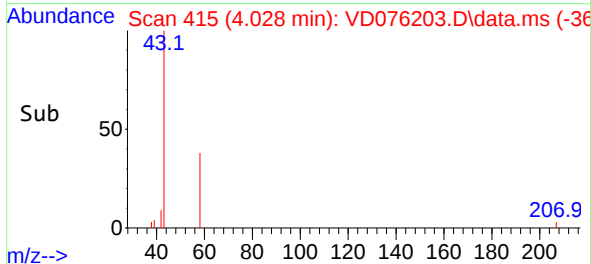
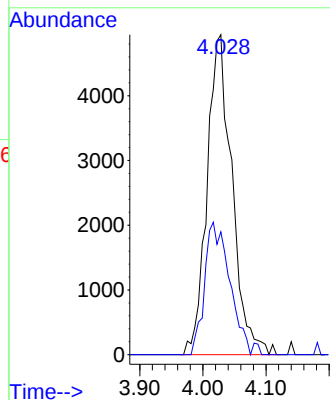
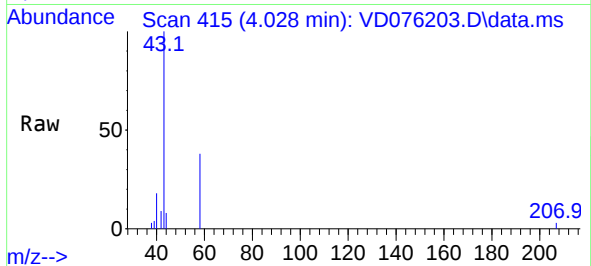




#16
Acetone
Concen: 24.797 ug/l
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076203.D
Acq: 23 May 2023 19:59

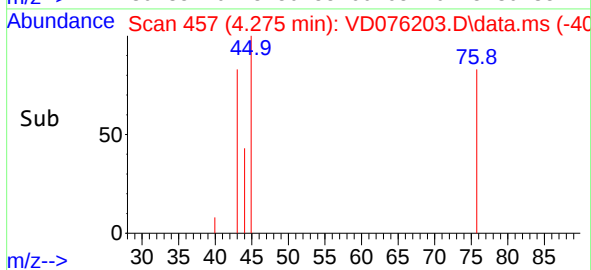
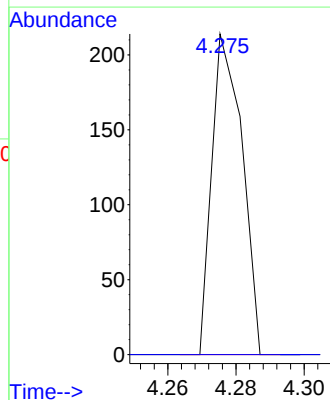
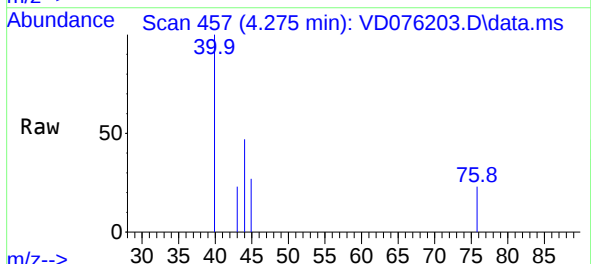
Instrument :
MSVOA_D
ClientSampleId :
TP15

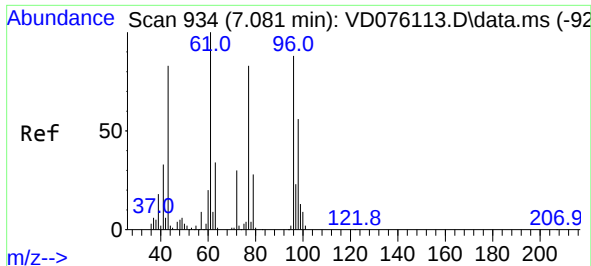
Tgt Ion: 43 Resp: 13584
Ion Ratio Lower Upper
43 100
58 38.4 24.4 36.6#



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.275 min Scan# 457
Delta R.T. 0.006 min
Lab File: VD076203.D
Acq: 23 May 2023 19:59

Tgt Ion: 76 Resp: 132
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#

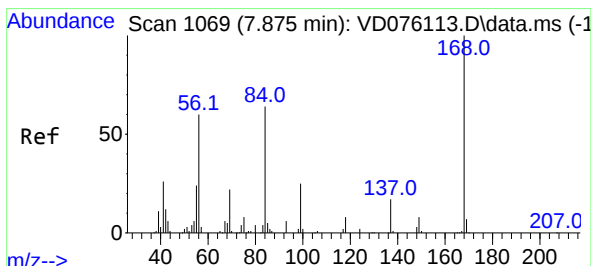
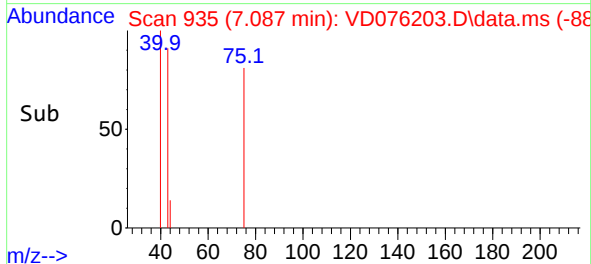
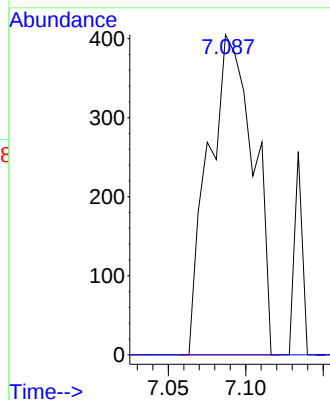
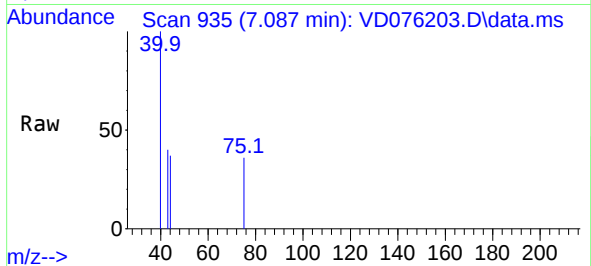




#25
2-Butanone
Concen: 1.185 ug/l
RT: 7.087 min Scan# 916
Delta R.T. 0.006 min
Lab File: VD076203.D
Acq: 23 May 2023 19:59

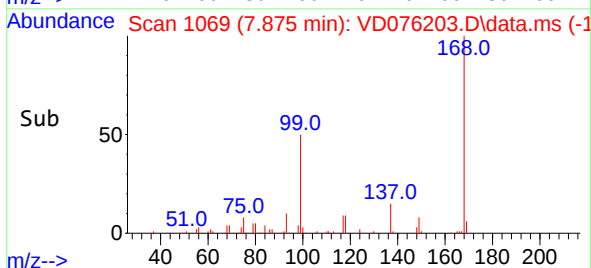
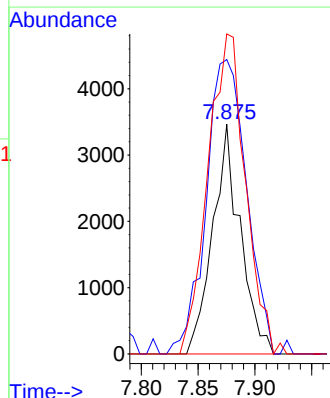
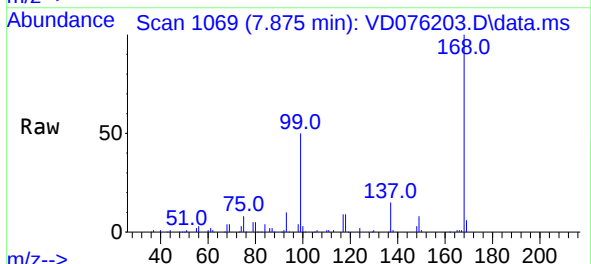
Instrument :
MSVOA_D
ClientSampleId :
TP15

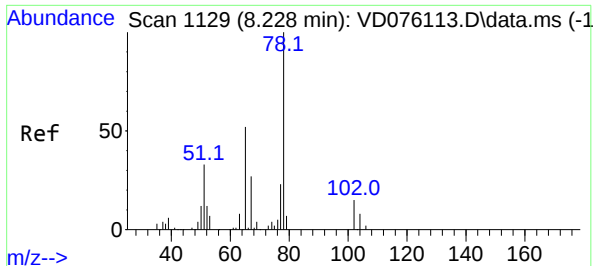
Tgt Ion: 43 Resp: 816
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.8#



#31
Cyclohexane
Concen: 1.388 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076203.D
Acq: 23 May 2023 19:59

Tgt Ion: 56 Resp: 5853
Ion Ratio Lower Upper
56 100
69 128.2 25.5 38.3#
84 139.3 69.6 104.4#

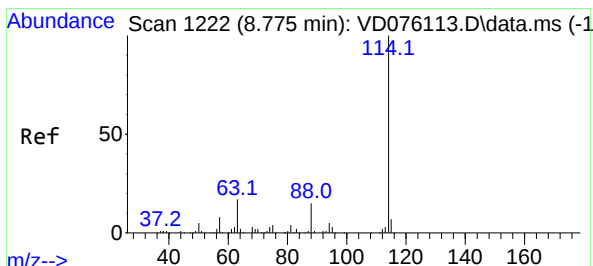
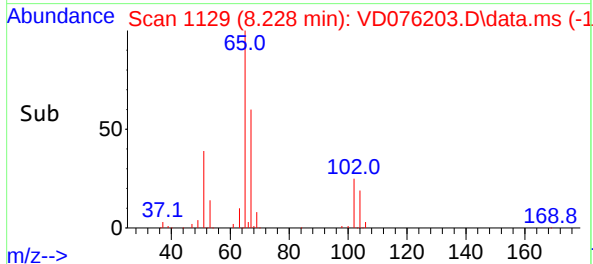
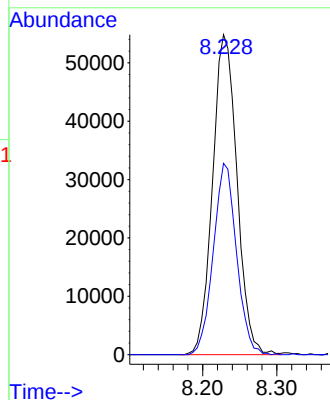
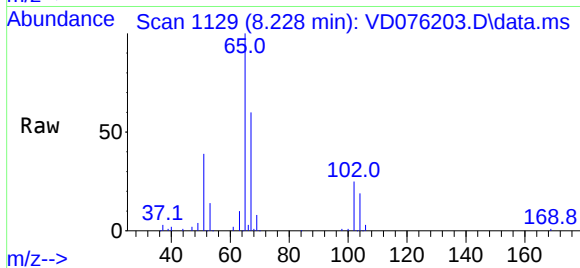




#33
1,2-Dichloroethane-d4
Concen: 45.511 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076203.D
Acq: 23 May 2023 19:59

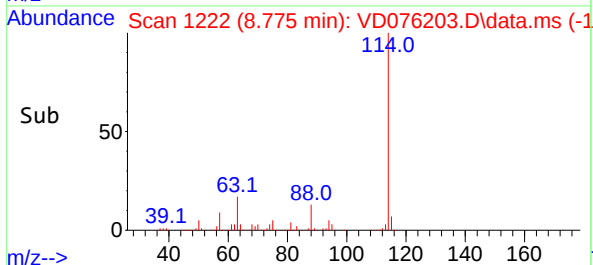
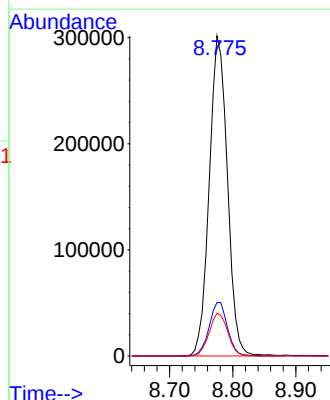
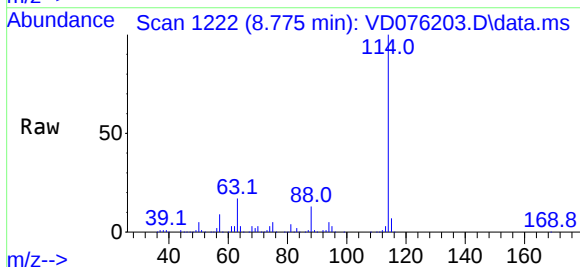
Instrument :
MSVOA_D
ClientSampleId :
TP15

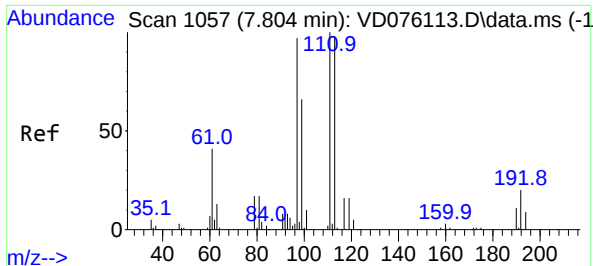
Tgt Ion: 65 Resp: 125303
Ion Ratio Lower Upper
65 100
67 56.9 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076203.D
Acq: 23 May 2023 19:59

Tgt Ion: 114 Resp: 601863
Ion Ratio Lower Upper
114 100
63 16.8 0.0 41.6
88 13.3 0.0 30.6

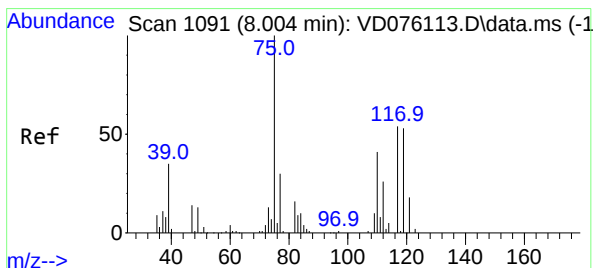
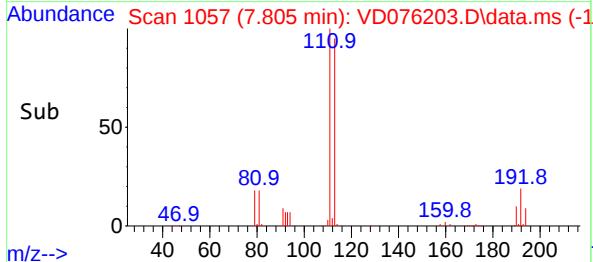
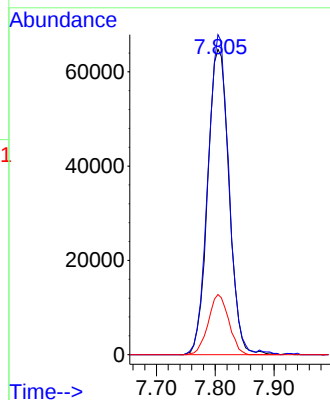
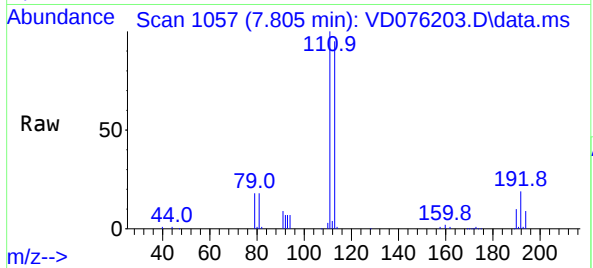




#35
Dibromofluoromethane
Concen: 39.365 ug/l
RT: 7.805 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076203.D
Acq: 23 May 2023 19:59

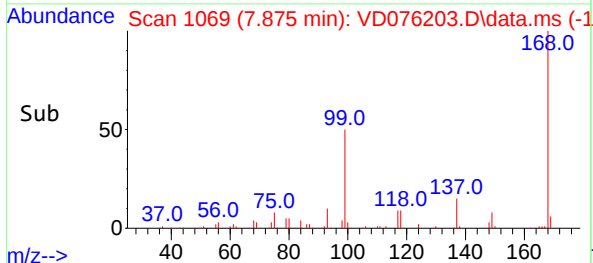
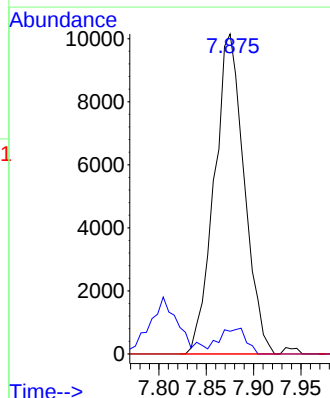
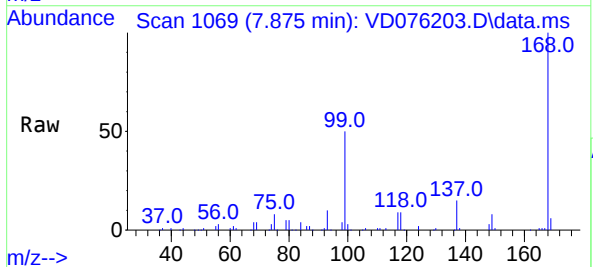
Instrument :
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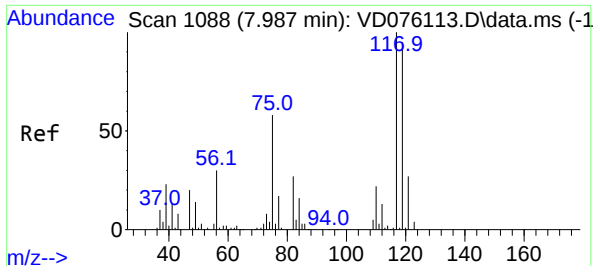
Tgt Ion: 113 Resp: 163764
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 18.9 15.2 22.8



#36
1,1-Dichloropropene
Concen: 3.972 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD076203.D
Acq: 23 May 2023 19:59

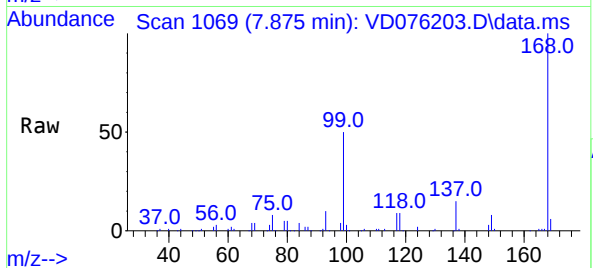
Tgt Ion: 75 Resp: 22316
Ion Ratio Lower Upper
75 100
110 7.1 17.1 51.2#
77 0.0 24.6 36.8#



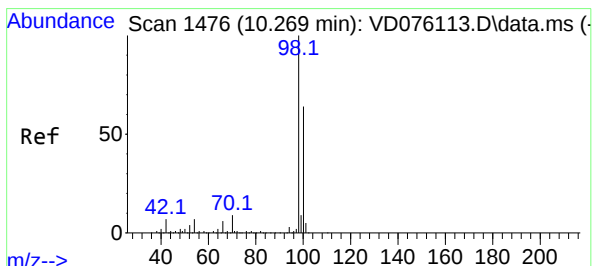
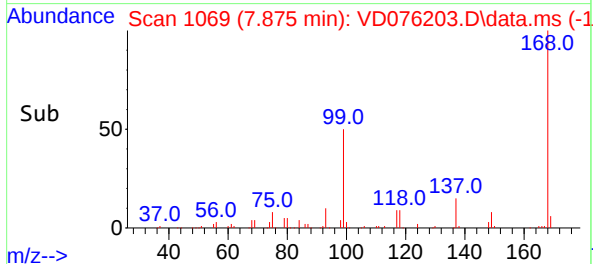
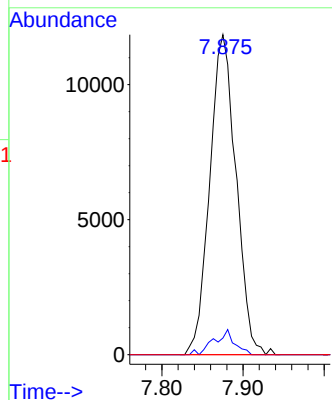


#38
Carbon Tetrachloride
Concen: 5.258 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.118 min
Lab File: VD076203.D
Acq: 23 May 2023 19:59

Instrument :
MSVOA_D
ClientSampleId :
TP15

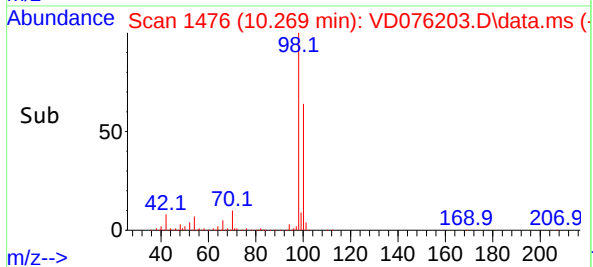
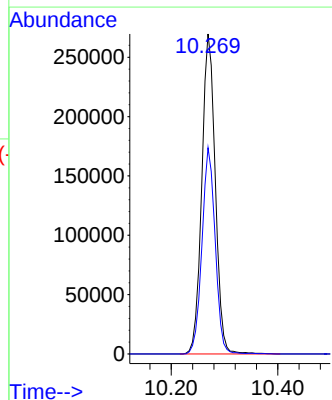
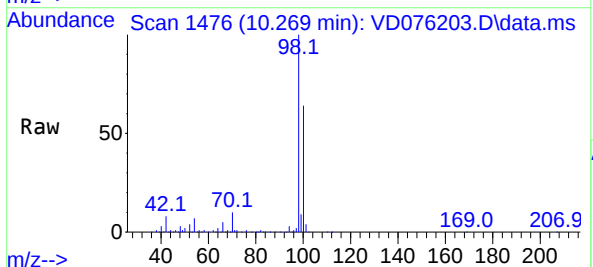


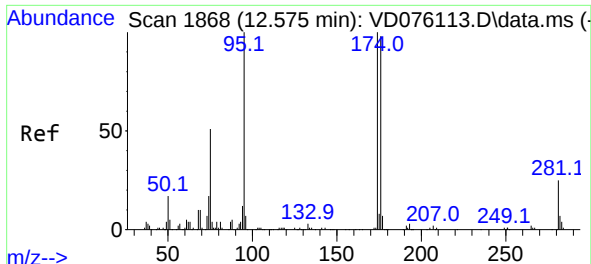
Tgt Ion:117 Resp: 26682
Ion Ratio Lower Upper
117 100
119 5.2 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 29.212 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076203.D
Acq: 23 May 2023 19:59

Tgt Ion: 98 Resp: 473739
Ion Ratio Lower Upper
98 100
100 63.1 52.1 78.1

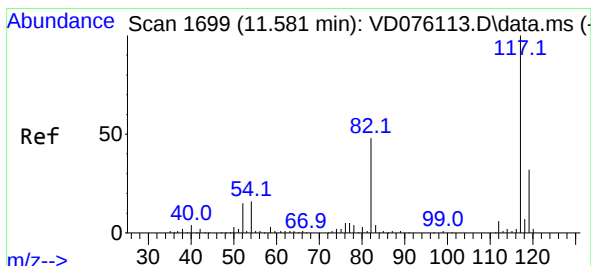
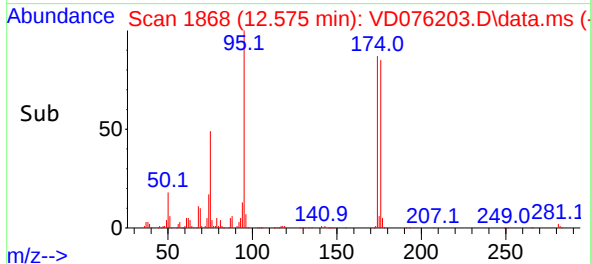
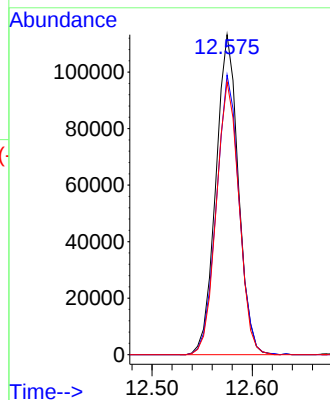
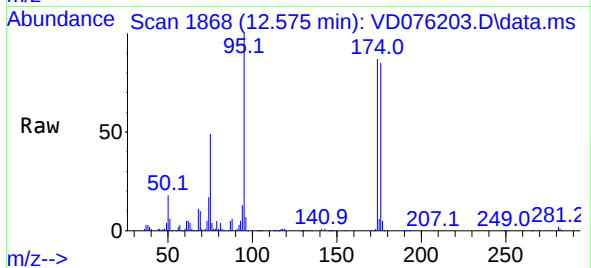




#62
4-Bromofluorobenzene
Concen: 39.215 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076203.D
Acq: 23 May 2023 19:59

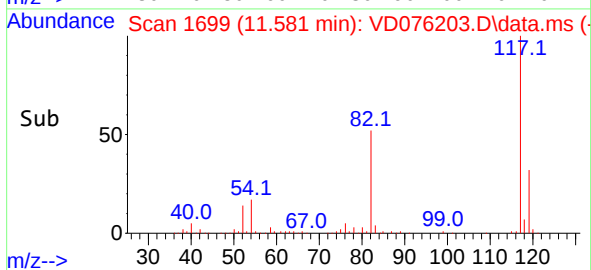
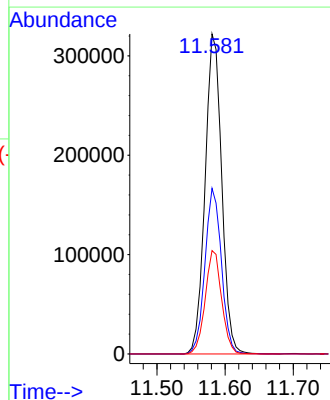
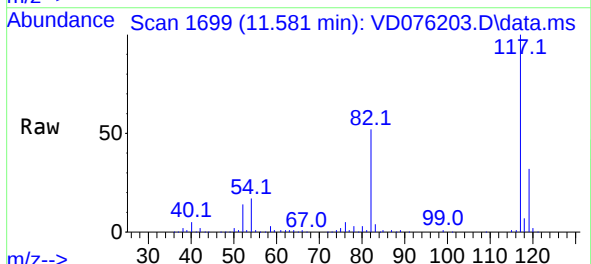
Instrument :
MSVOA_D
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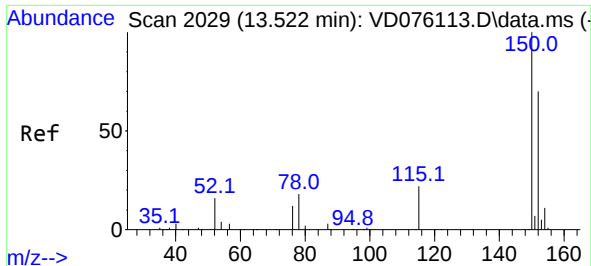
Tgt Ion: 95 Resp: 176664
Ion Ratio Lower Upper
95 100
174 88.2 0.0 164.0
176 85.7 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076203.D
Acq: 23 May 2023 19:59

Tgt Ion: 117 Resp: 546972
Ion Ratio Lower Upper
117 100
82 51.7 44.0 66.0
119 32.3 25.1 37.7

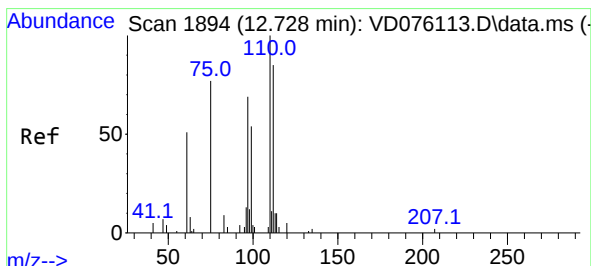
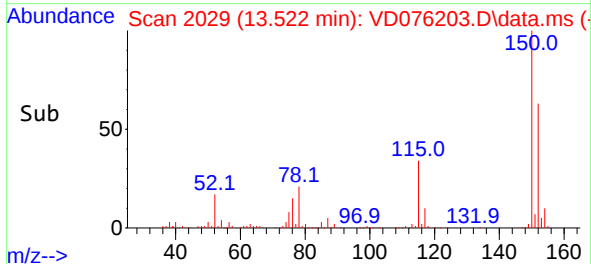
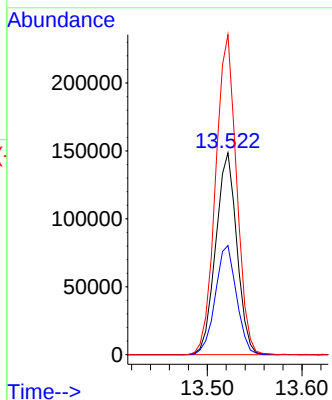
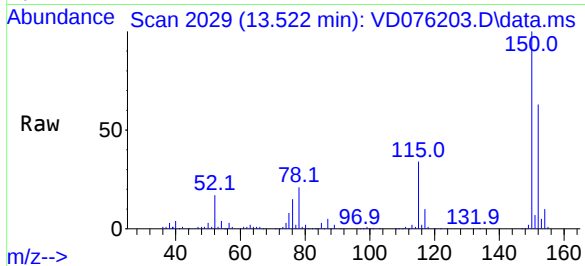




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076203.D
Acq: 23 May 2023 19:59

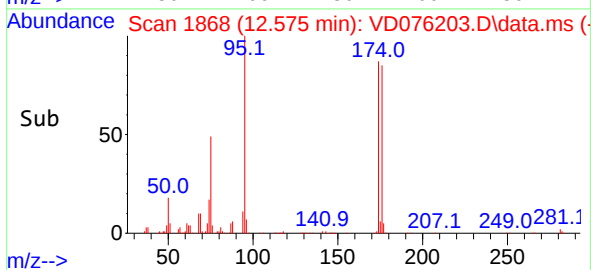
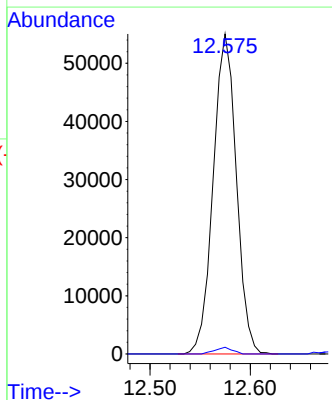
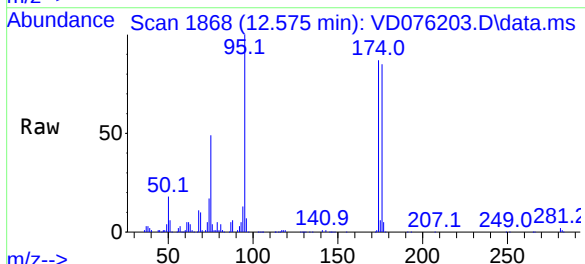
Instrument :
MSVOA_D
ClientSampleId :
TP15

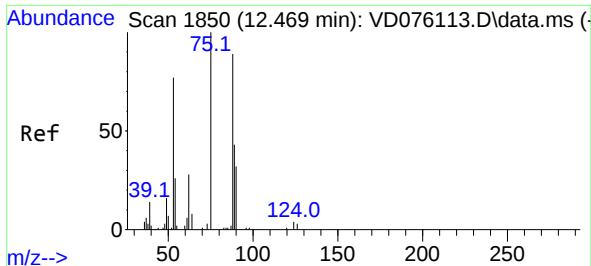
Tgt Ion:152 Resp: 230325
Ion Ratio Lower Upper
152 100
115 54.3 30.1 90.3
150 157.3 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 43.750 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076203.D
Acq: 23 May 2023 19:59

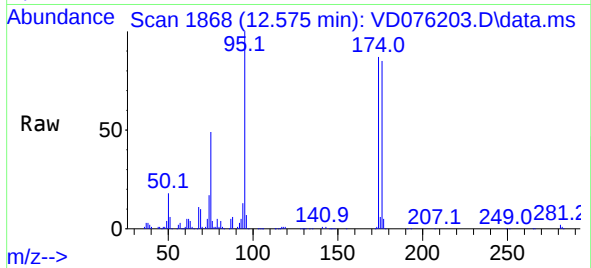
Tgt Ion: 75 Resp: 88180
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 91.780 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD076203.D
 Acq: 23 May 2023 19:59

Instrument :
 MSVOA_D
 ClientSampleId :
 TP15



Tgt Ion:	75	Resp:	88180
Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.5	135.7#
89	0.0	40.2	60.4#

