

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053123\
 Data File : VD076290.D
 Acq On : 31 May 2023 17:51
 Operator : KP/SY
 Sample : 02976-01
 Misc : 6.42G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1

Quant Time: Jun 01 01:43:50 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)

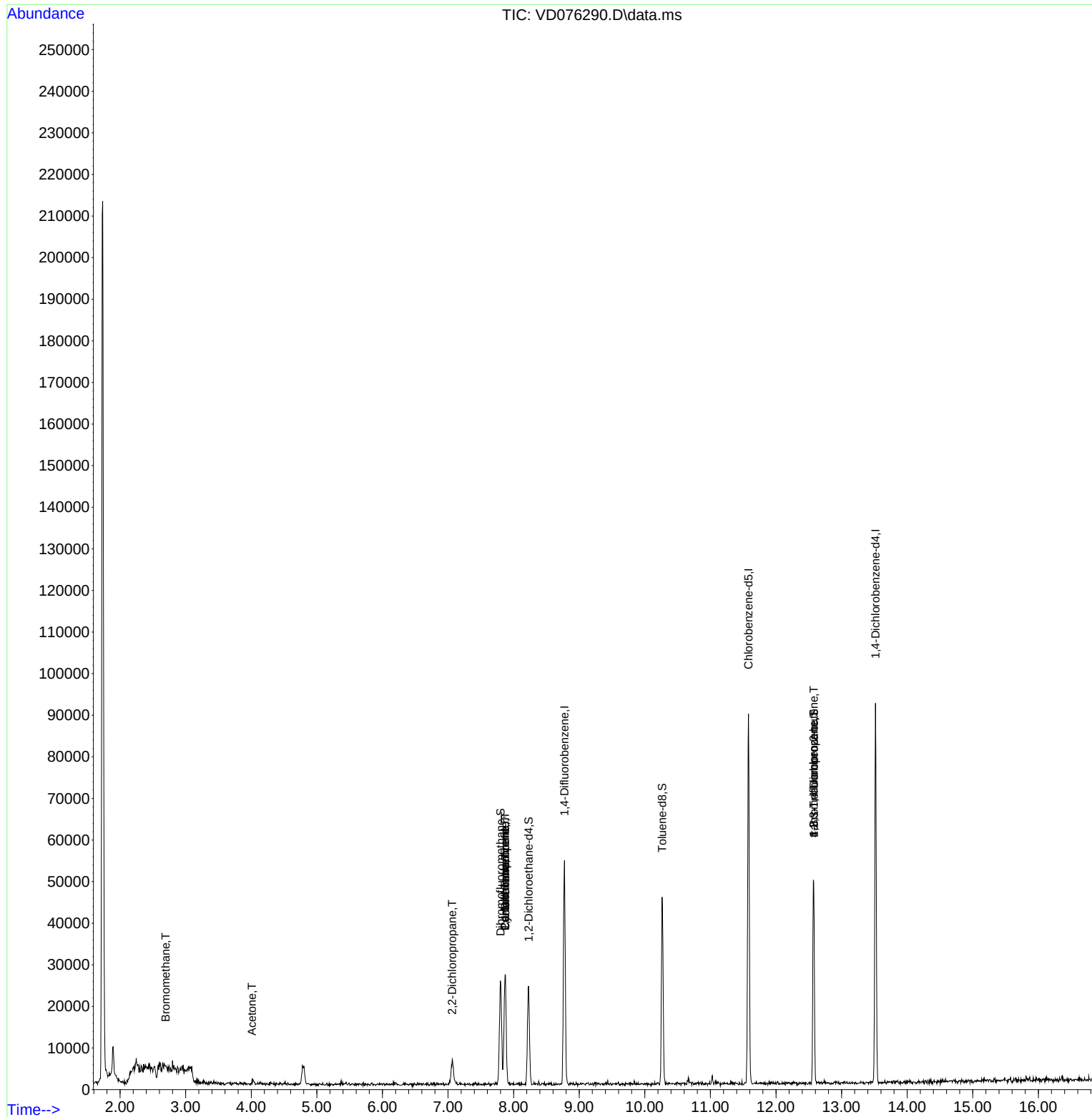
Internal Standards						
1) Pentafluorobenzene	7.869	168	22594	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	51210	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	57411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	26020	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	18117	82.966	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 165.940%#			
35) Dibromofluoromethane	7.799	113	18621	52.606	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 105.220%			
50) Toluene-d8	10.263	98	34489	24.994	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 49.980%#			
62) 4-Bromofluorobenzene	12.575	95	16322	42.582	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 85.160%			
Target Compounds						
3) Chloromethane	2.146	50	194	Below Cal	#	8
5) Bromomethane	2.693	94	311	1.051	ug/l #	1
16) Acetone	4.011	43	611	14.063	ug/l #	56
20) Methylene Chloride	4.781	84	2033	Below Cal	#	81
26) 2,2-Dichloropropane	7.063	77	419	1.133	ug/l #	54
31) Cyclohexane	7.875	56	461	1.378	ug/l #	36
36) 1,1-Dichloropropene	7.869	75	1942	4.062	ug/l #	42
38) Carbon Tetrachloride	7.869	117	2203	5.102	ug/l #	13
76) 1,2,3-Trichloropropane	12.575	75	7830	34.388	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	7830	72.140	ug/l #	5

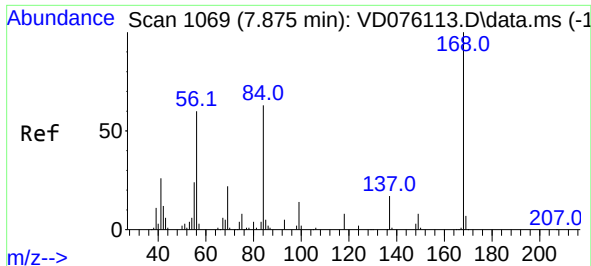
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053123\
Data File : VD076290.D
Acq On : 31 May 2023 17:51
Operator : KP/SY
Sample : 02976-01
Misc : 6.42G/5.00ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Quant Time: Jun 01 01:43:50 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

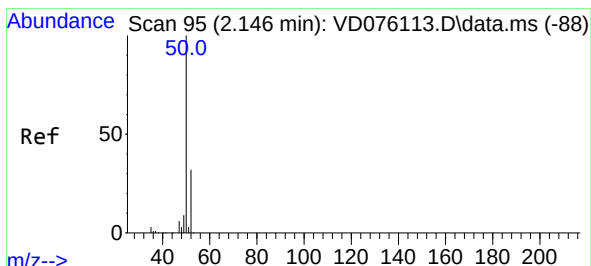
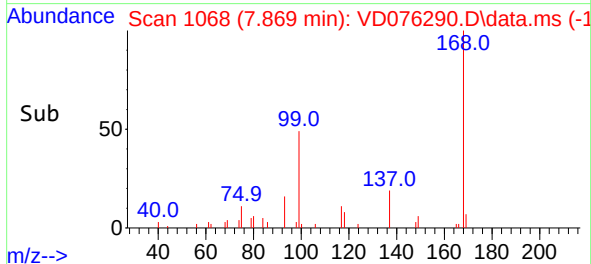
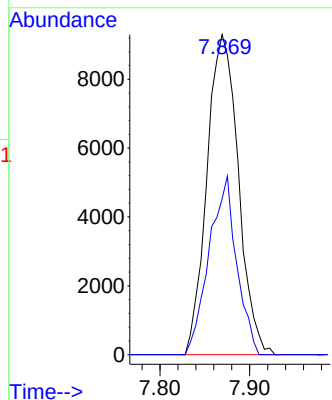
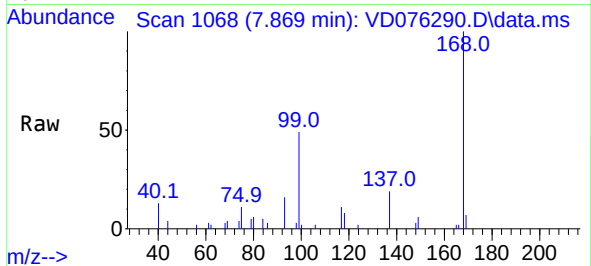




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD076290.D
Acq: 31 May 2023 17:51

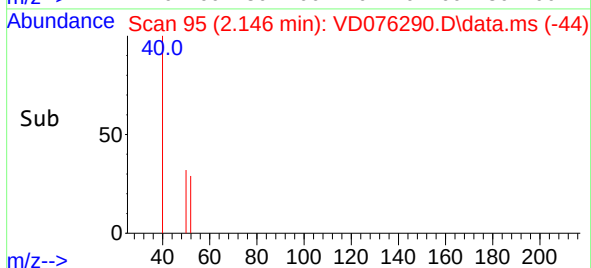
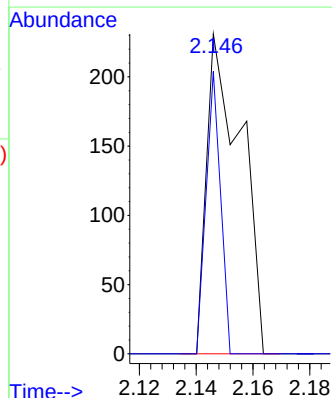
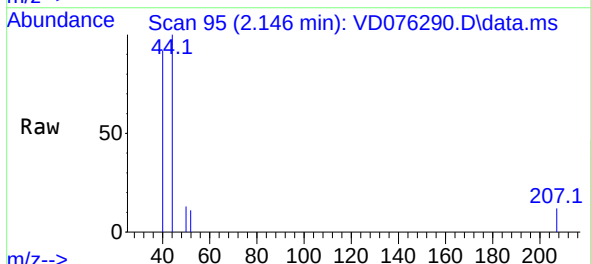
Instrument :
MSVOA_D
ClientSampleId :
TP-1

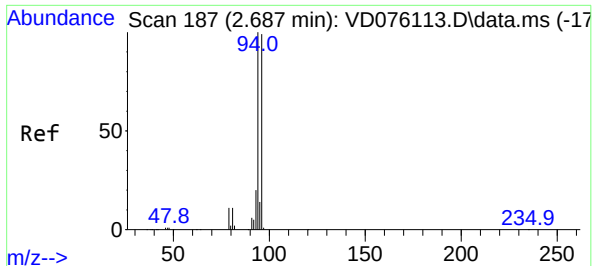
Tgt Ion:168 Resp: 22594
Ion Ratio Lower Upper
168 100
99 48.7 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD076290.D
Acq: 31 May 2023 17:51

Tgt Ion: 50 Resp: 194
Ion Ratio Lower Upper
50 100
52 88.3 27.8 41.8#

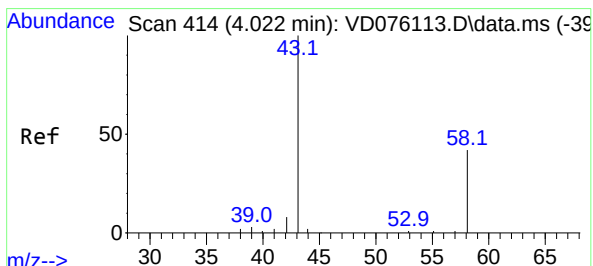
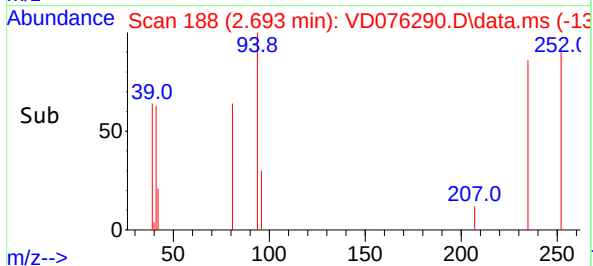
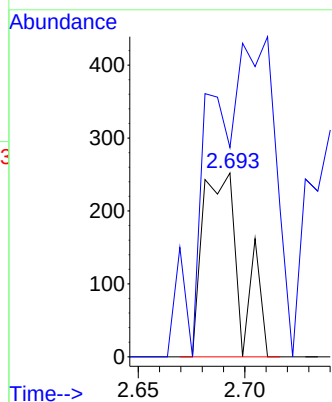
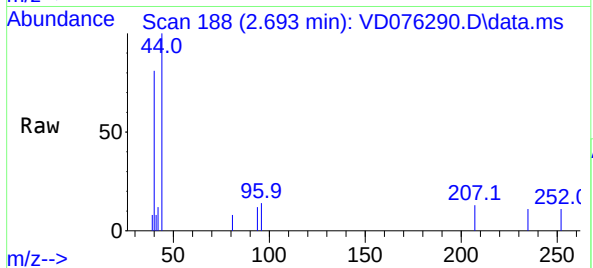




#5
Bromomethane
Concen: 1.051 ug/l
RT: 2.693 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD076290.D
Acq: 31 May 2023 17:51

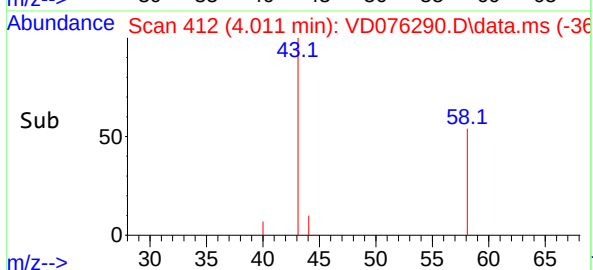
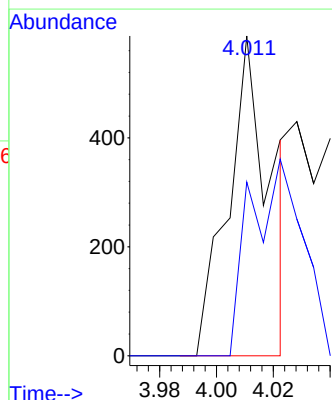
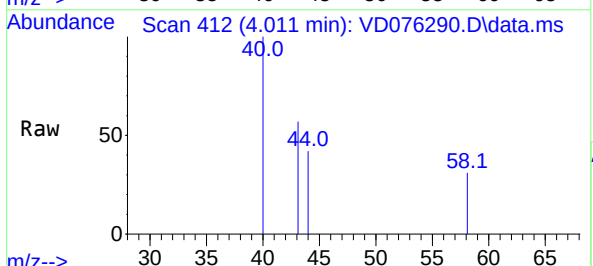
Instrument :
MSVOA_D
ClientSampleId :
TP-1

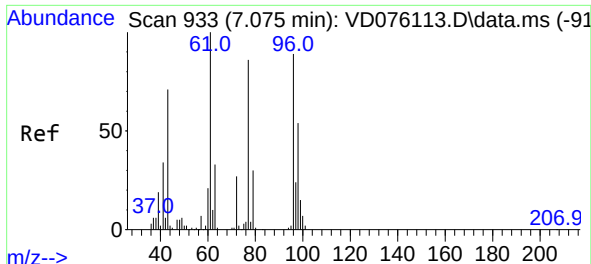
Tgt Ion: 94 Resp: 311
Ion Ratio Lower Upper
94 100
96 297.4 77.5 116.3#



#16
Acetone
Concen: 14.063 ug/l
RT: 4.011 min Scan# 412
Delta R.T. -0.011 min
Lab File: VD076290.D
Acq: 31 May 2023 17:51

Tgt Ion: 43 Resp: 611
Ion Ratio Lower Upper
43 100
58 54.3 24.4 36.6#





#26

2,2-Dichloropropane

Concen: 1.133 ug/l

RT: 7.063 min Scan# 91

Delta R.T. -0.012 min

Lab File: VD076290.D

Acq: 31 May 2023 17:51

Instrument :

MSVOA_D

ClientSampleId :

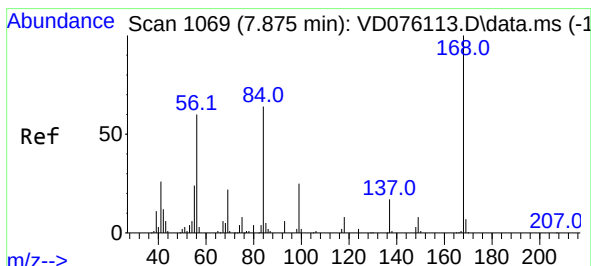
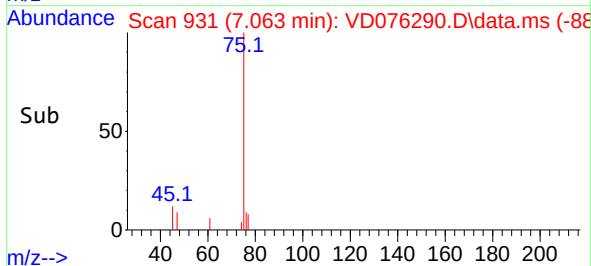
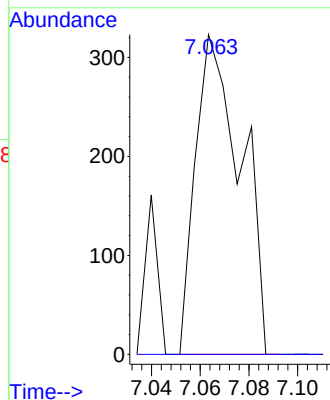
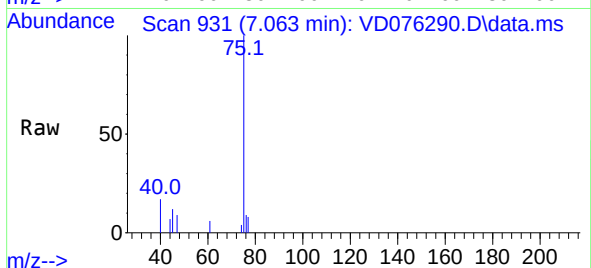
TP-1

Tgt Ion: 77 Resp: 419

Ion Ratio Lower Upper

77 100

97 0.0 11.1 33.1#



#31

Cyclohexane

Concen: 1.378 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

Lab File: VD076290.D

Acq: 31 May 2023 17:51

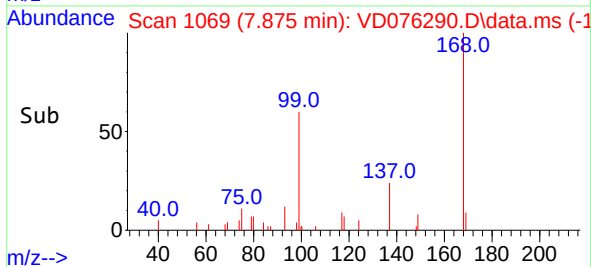
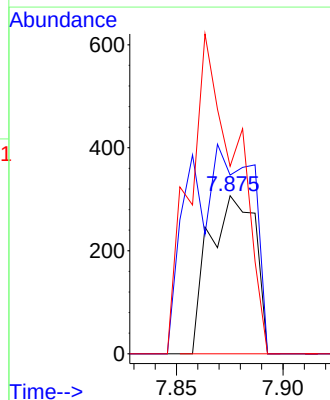
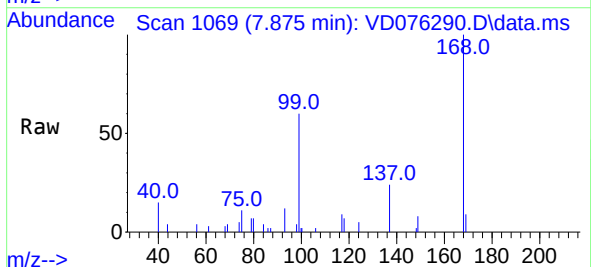
Tgt Ion: 56 Resp: 461

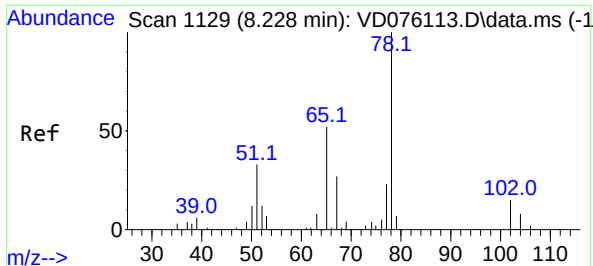
Ion Ratio Lower Upper

56 100

69 113.0 25.5 38.3#

84 118.6 69.6 104.4#

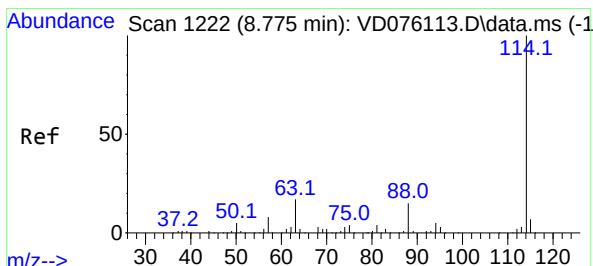
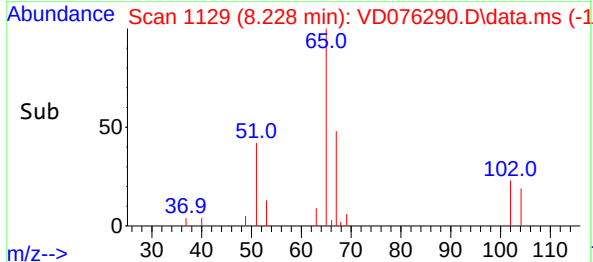
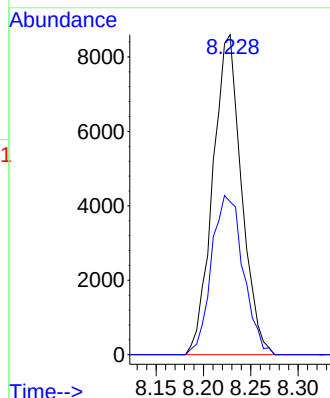
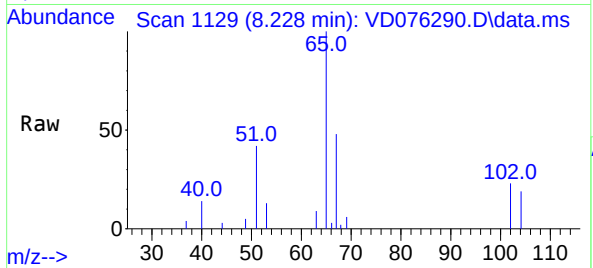




#33
1,2-Dichloroethane-d4
Concen: 82.966 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076290.D
Acq: 31 May 2023 17:51

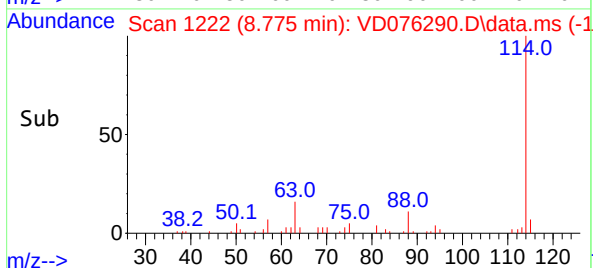
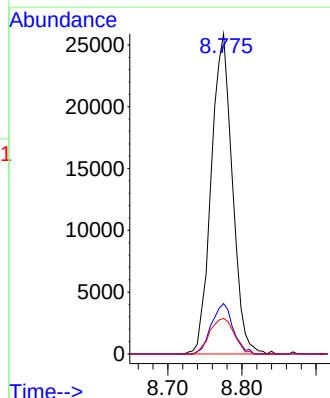
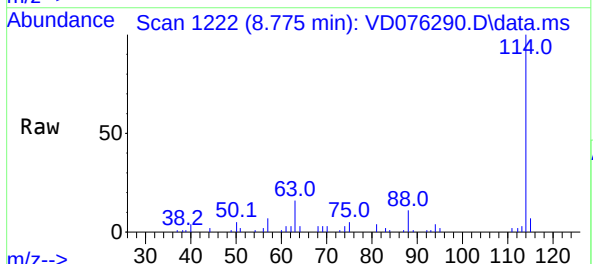
Instrument :
MSVOA_D
ClientSampleId :
TP-1

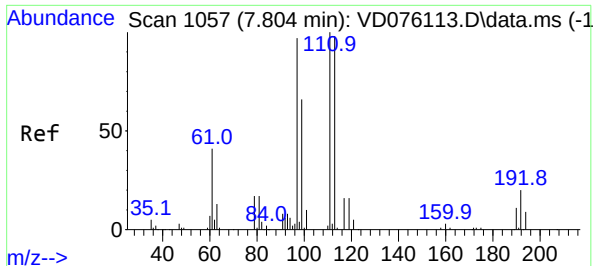
Tgt Ion: 65 Resp: 18117
Ion Ratio Lower Upper
65 100
67 55.1 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076290.D
Acq: 31 May 2023 17:51

Tgt Ion: 114 Resp: 51210
Ion Ratio Lower Upper
114 100
63 15.8 0.0 41.6
88 11.1 0.0 30.6

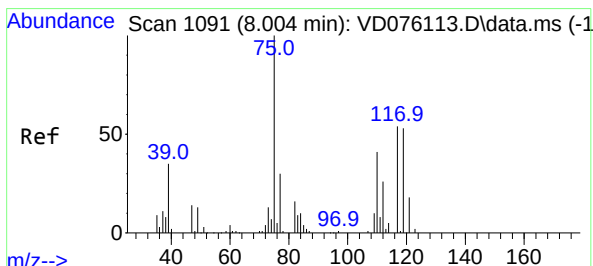
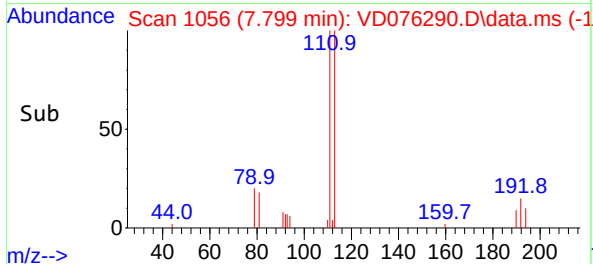
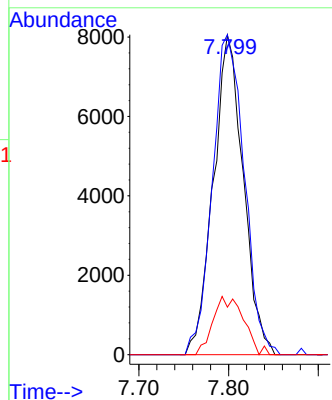
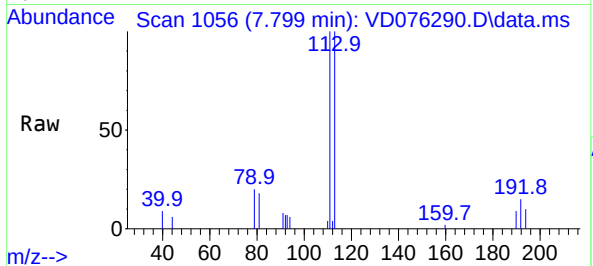




#35
Dibromofluoromethane
Concen: 52.606 ug/l
RT: 7.799 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076290.D
Acq: 31 May 2023 17:51

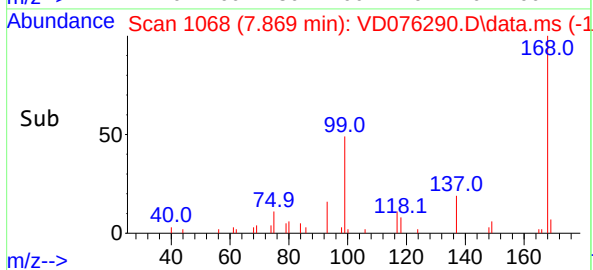
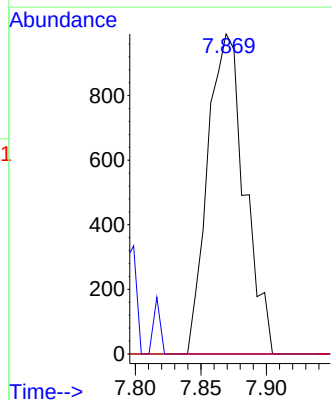
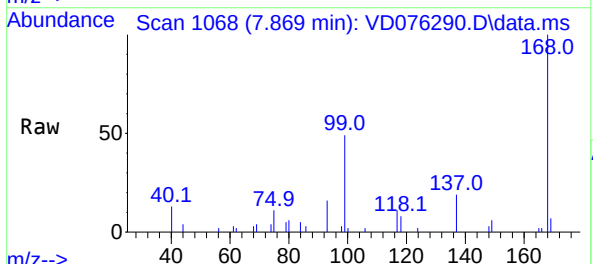
Instrument :
MSVOA_D
ClientSampleId :
TP-1

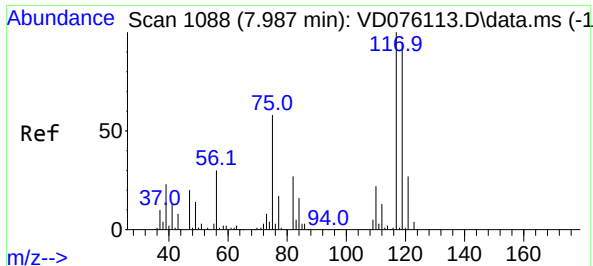
Tgt Ion:	113	Resp:	18621
Ion	Ratio	Lower	Upper
113	100		
111	106.4	81.4	122.0
192	18.6	15.2	22.8



#36
1,1-Dichloropropene
Concen: 4.062 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD076290.D
Acq: 31 May 2023 17:51

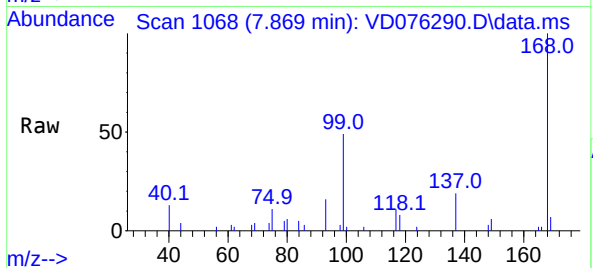
Tgt Ion:	75	Resp:	1942
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.2#
77	0.0	24.6	36.8#



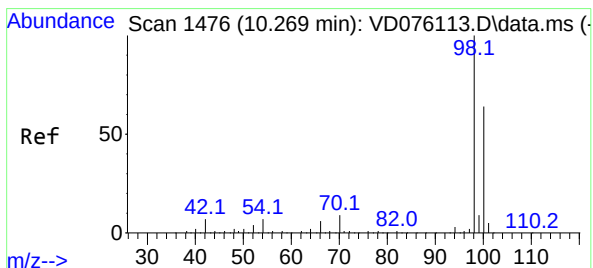
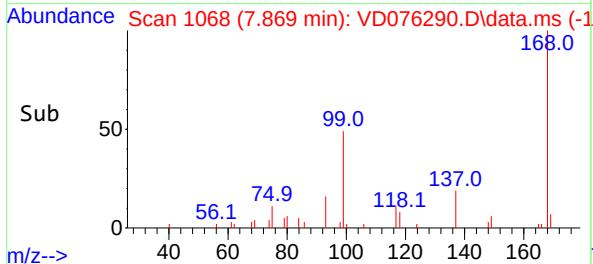
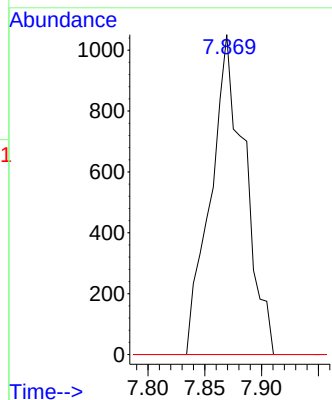


#38
Carbon Tetrachloride
Concen: 5.102 ug/l
RT: 7.869 min Scan# 1088
Delta R.T. -0.124 min
Lab File: VD076290.D
Acq: 31 May 2023 17:51

Instrument :
MSVOA_D
ClientSampleId :
TP-1

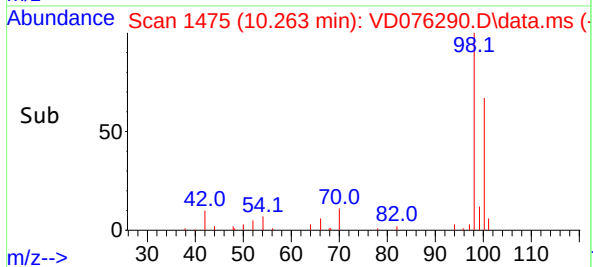
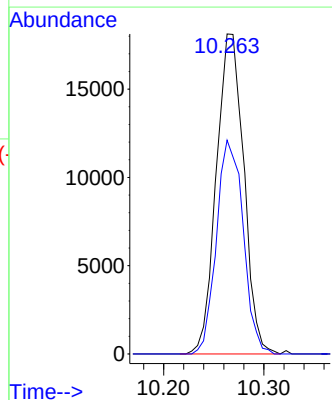
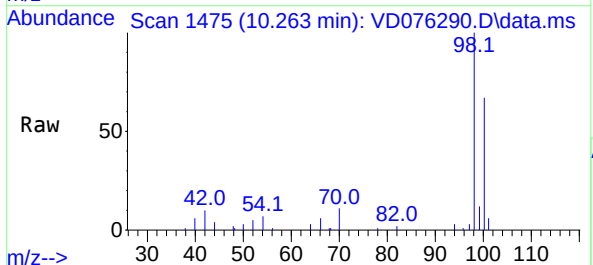


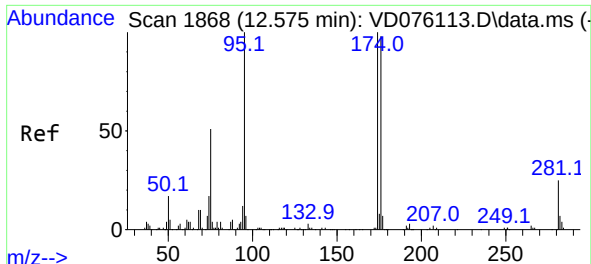
Tgt Ion:117 Resp: 2203
Ion Ratio Lower Upper
117 100
119 0.0 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 24.994 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD076290.D
Acq: 31 May 2023 17:51

Tgt Ion: 98 Resp: 34489
Ion Ratio Lower Upper
98 100
100 65.0 52.1 78.1



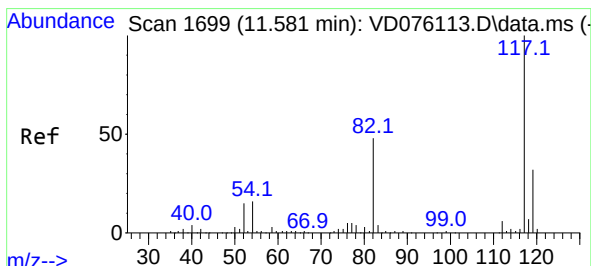
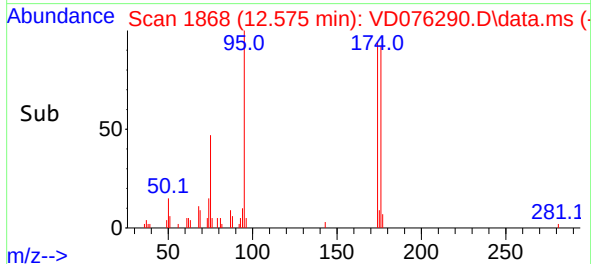
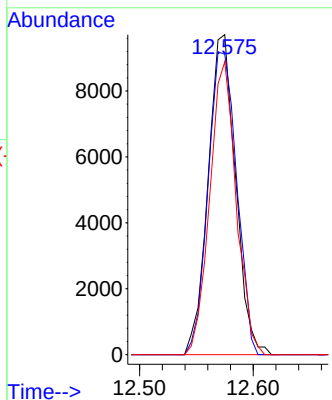
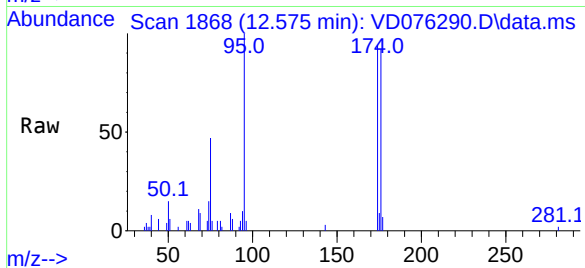


#62
4-Bromofluorobenzene
Concen: 42.582 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076290.D
Acq: 31 May 2023 17:51

Instrument :
MSVOA_D
ClientSampleId :
TP-1

Tgt Ion: 95 Resp: 16322

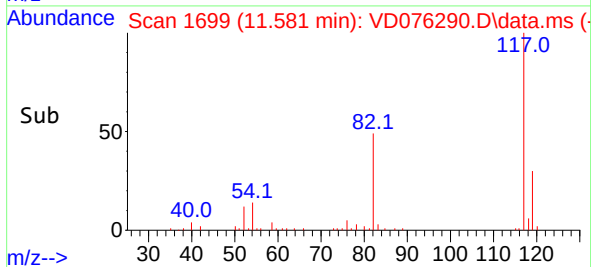
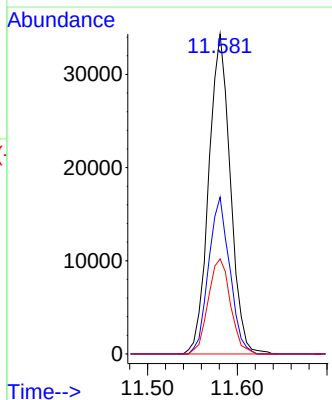
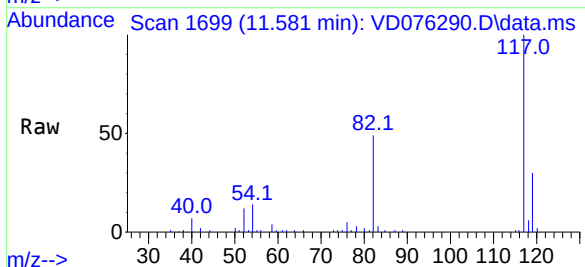
Ion	Ratio	Lower	Upper
95	100		
174	98.5	0.0	164.0
176	88.2	0.0	156.8

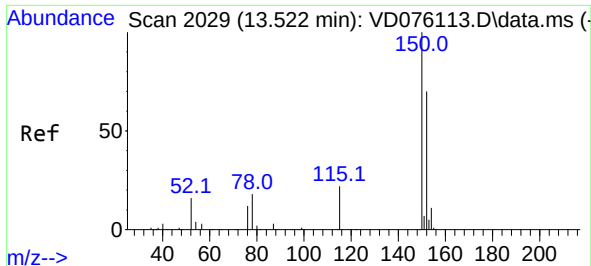


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076290.D
Acq: 31 May 2023 17:51

Tgt Ion: 117 Resp: 57411

Ion	Ratio	Lower	Upper
117	100		
82	49.0	44.0	66.0
119	29.7	25.1	37.7

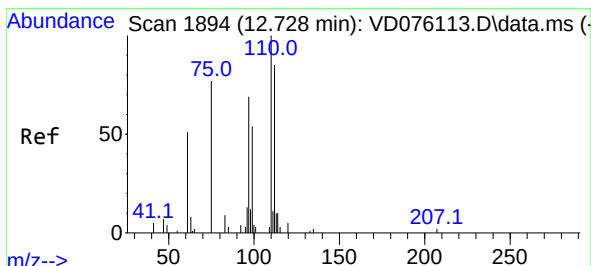
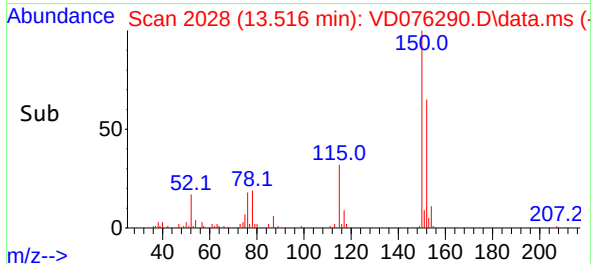
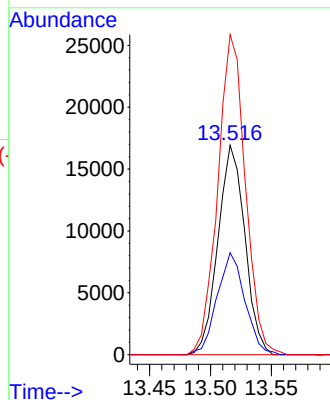
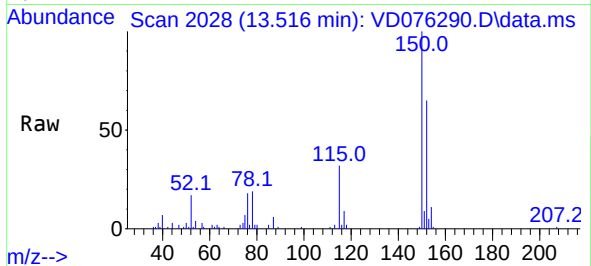




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2029
Delta R.T. -0.006 min
Lab File: VD076290.D
Acq: 31 May 2023 17:51

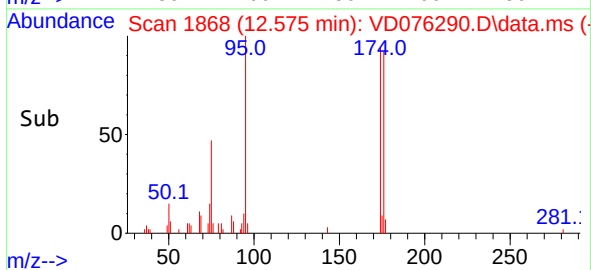
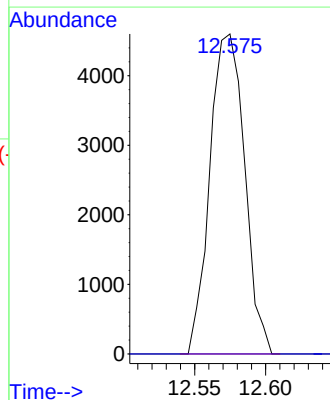
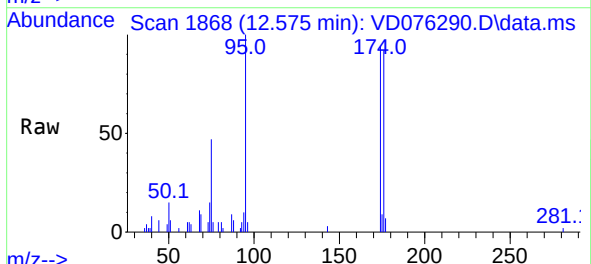
Instrument :
MSVOA_D
ClientSampleId :
TP-1

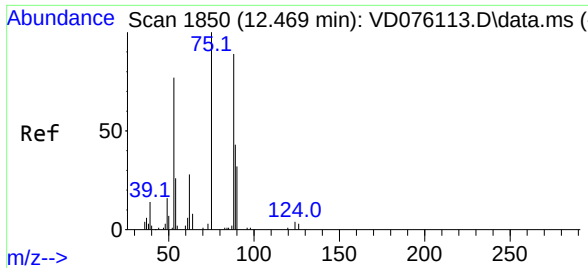
Tgt Ion:152 Resp: 26020
Ion Ratio Lower Upper
152 100
115 50.4 30.1 90.3
150 156.9 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 34.388 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076290.D
Acq: 31 May 2023 17:51

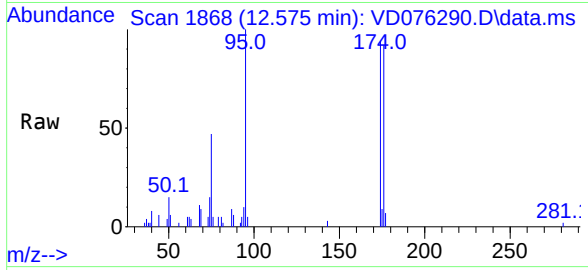
Tgt Ion: 75 Resp: 7830
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.140 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD076290.D
 Acq: 31 May 2023 17:51

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-1



Tgt Ion:	75	Resp:	7830
Ion	Ratio	Lower	Upper
75	100		
53	0.0	90.5	135.7#
89	0.0	40.2	60.4#

