

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053123\
 Data File : VD076294.D
 Acq On : 31 May 2023 19:53
 Operator : KP/SY
 Sample : 02983-03
 Misc : 5.03G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB19

Quant Time: Jun 01 01:44:23 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)

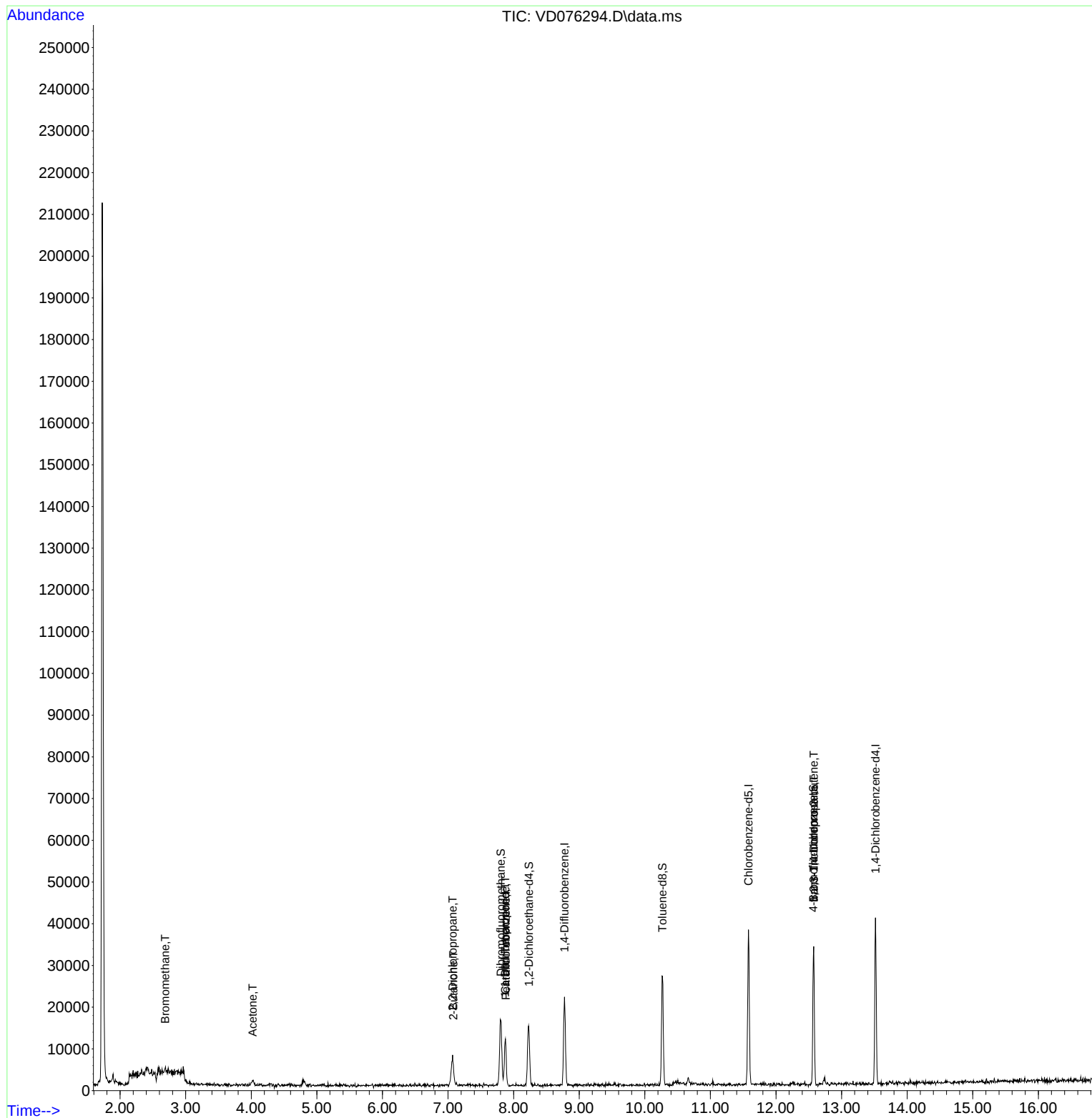
Internal Standards						
1) Pentafluorobenzene	7.881	168	9326	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	21446	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	25706	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	11954	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	11376	126.213	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 252.420%#	
35) Dibromofluoromethane	7.805	113	12190	82.232	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 164.460%#	
50) Toluene-d8	10.269	98	21674	37.507	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 75.020%	
62) 4-Bromofluorobenzene	12.569	95	10208	63.591	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 127.180%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.140	50	283	Below Cal	#	69
5) Bromomethane	2.687	94	489	4.004	ug/l	98
16) Acetone	4.022	43	1956	109.072	ug/l	90
20) Methylene Chloride	4.799	84	887	Below Cal	#	45
25) 2-Butanone	7.081	43	211	9.358	ug/l	# 50
26) 2,2-Dichloropropane	7.069	77	375	2.456	ug/l	# 54
36) 1,1-Dichloropropene	7.869	75	655	3.272	ug/l	# 42
38) Carbon Tetrachloride	7.875	117	575	3.180	ug/l	# 13
76) 1,2,3-Trichloropropane	12.575	75	5451	52.109	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	5451	109.316	ug/l	# 5

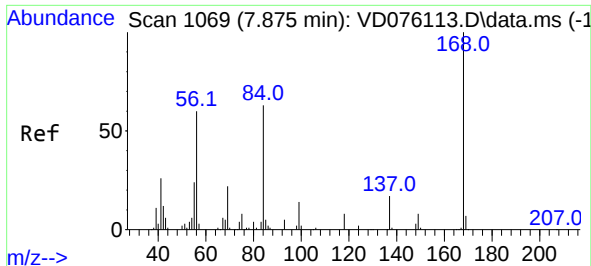
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

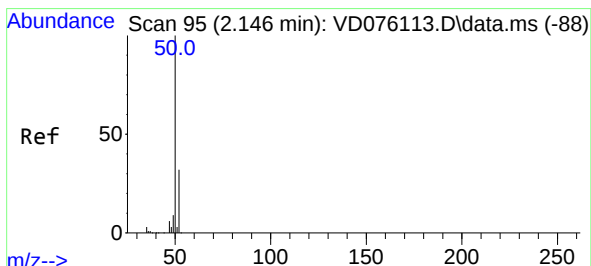
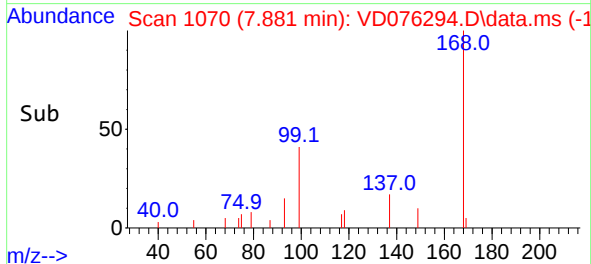
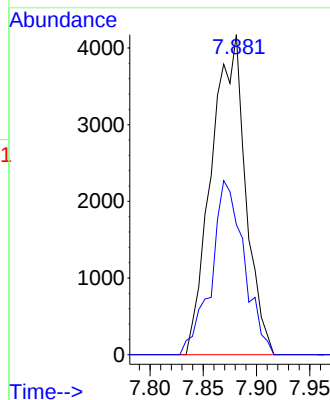
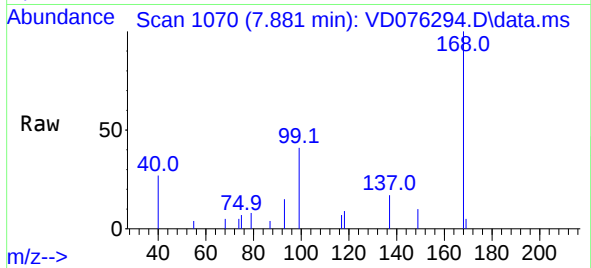




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD076294.D
Acq: 31 May 2023 19:53

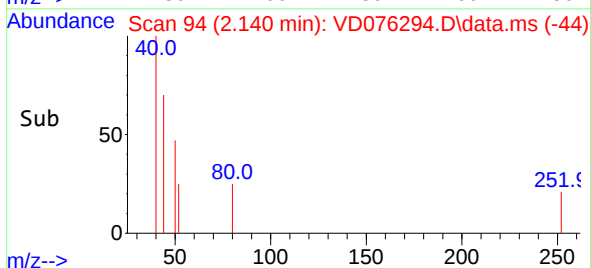
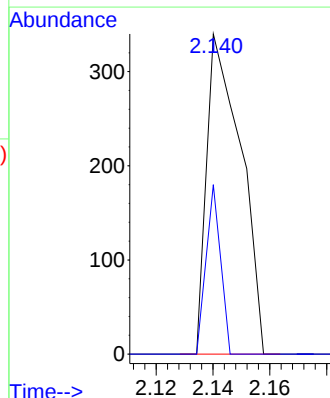
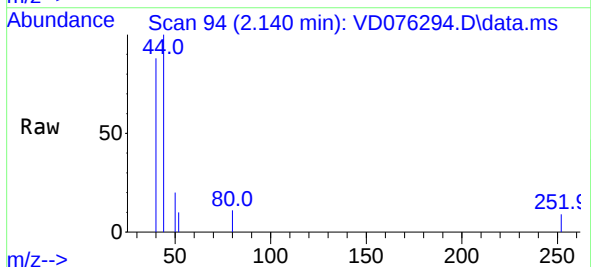
Instrument :
MSVOA_D
ClientSampleId :
SB19

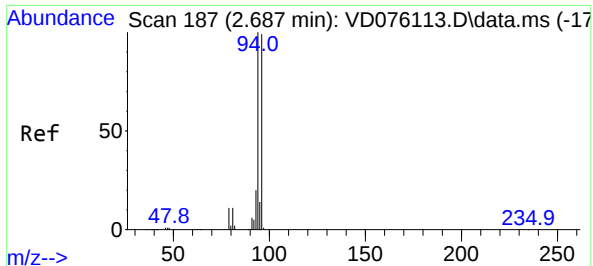
Tgt Ion:168 Resp: 9326
Ion Ratio Lower Upper
168 100
99 40.6 43.8 65.6#



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD076294.D
Acq: 31 May 2023 19:53

Tgt Ion: 50 Resp: 283
Ion Ratio Lower Upper
50 100
52 52.9 27.8 41.8#

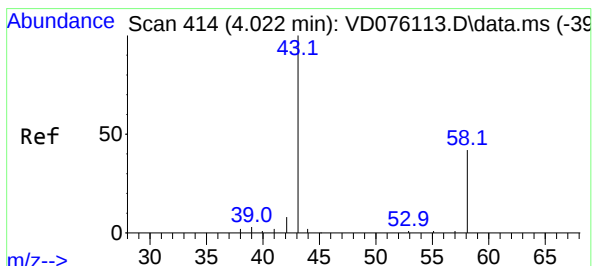
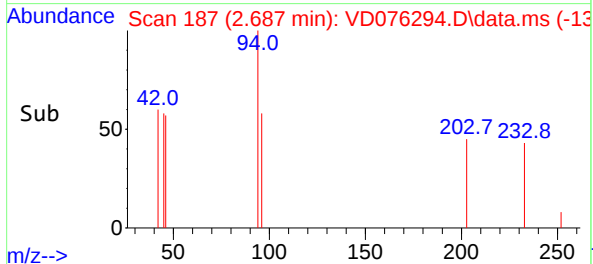
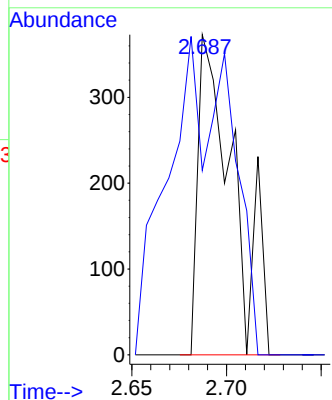
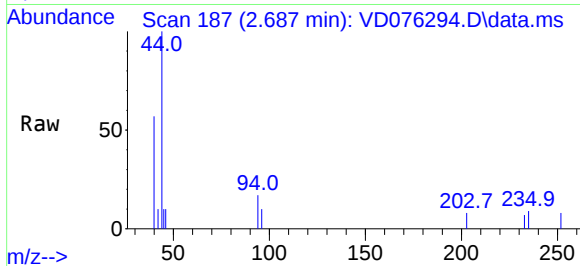




#5
Bromomethane
Concen: 4.004 ug/l
RT: 2.687 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD076294.D
Acq: 31 May 2023 19:53

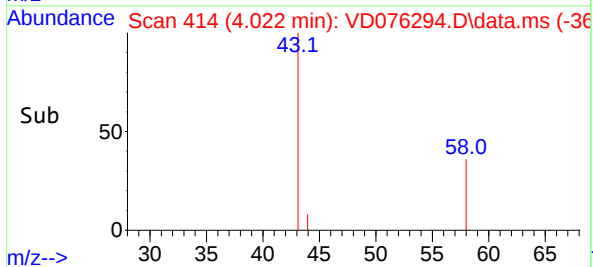
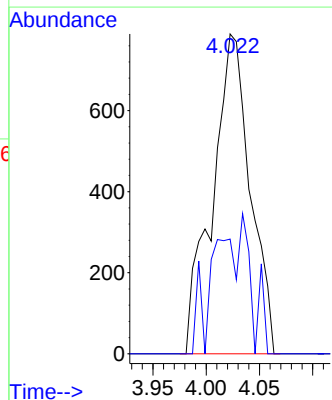
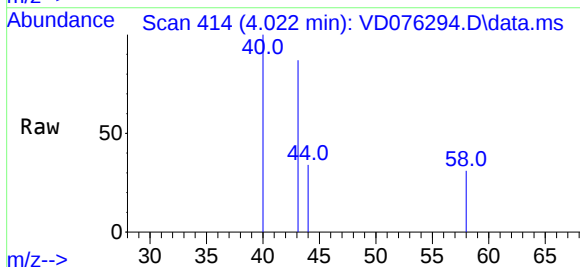
Instrument :
MSVOA_D
ClientSampleId :
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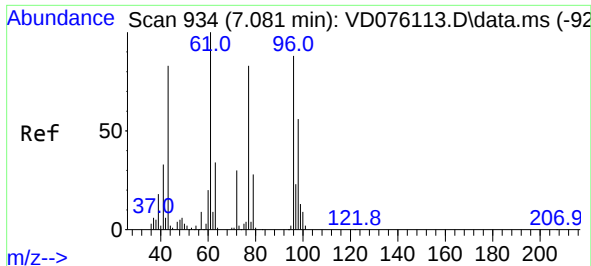
Tgt Ion: 94 Resp: 489
Ion Ratio Lower Upper
94 100
96 99.0 77.5 116.3



#16
Acetone
Concen: 109.072 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD076294.D
Acq: 31 May 2023 19:53

Tgt Ion: 43 Resp: 1956
Ion Ratio Lower Upper
43 100
58 35.9 24.4 36.6

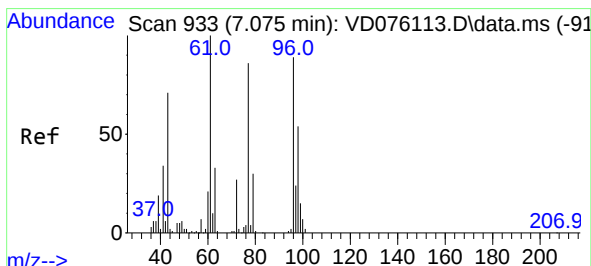
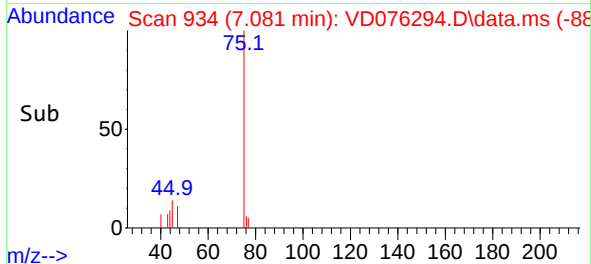
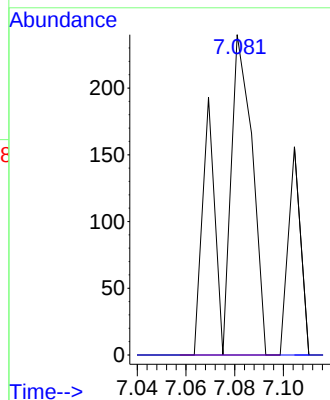
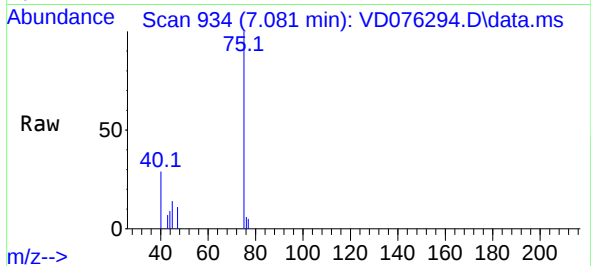




#25
2-Butanone
Concen: 9.358 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076294.D
Acq: 31 May 2023 19:53

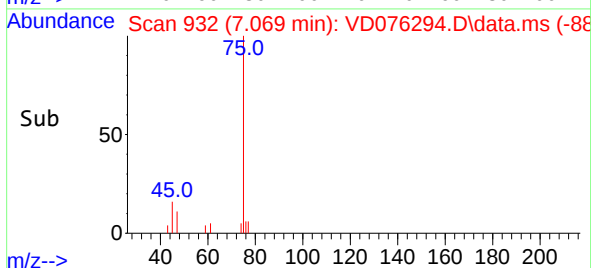
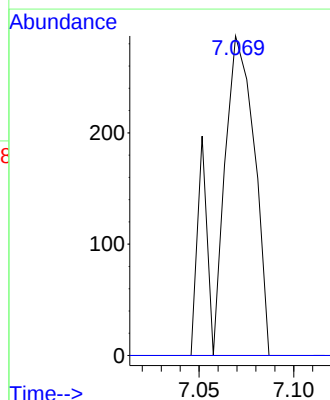
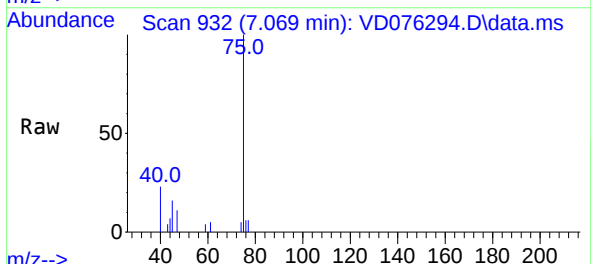
Instrument :
MSVOA_D
ClientSampleId :
SB19

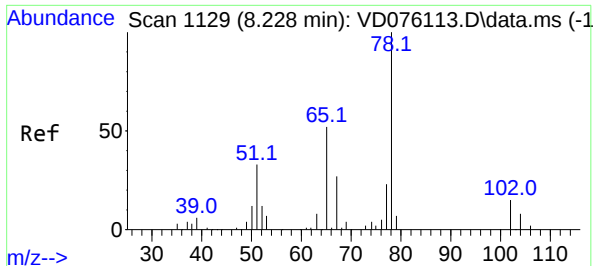
Tgt Ion: 43 Resp: 211
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.8#



#26
2,2-Dichloropropane
Concen: 2.456 ug/l
RT: 7.069 min Scan# 932
Delta R.T. -0.006 min
Lab File: VD076294.D
Acq: 31 May 2023 19:53

Tgt Ion: 77 Resp: 375
Ion Ratio Lower Upper
77 100
97 0.0 11.1 33.1#

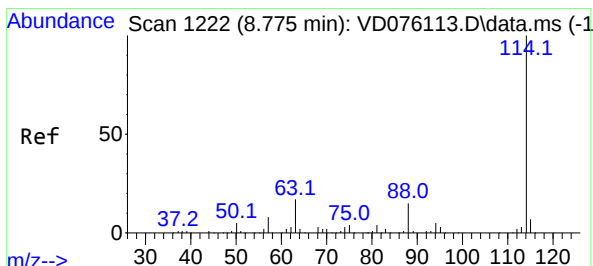
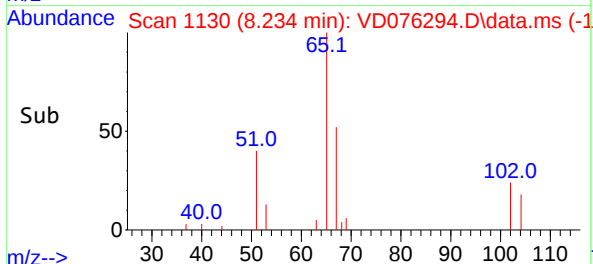
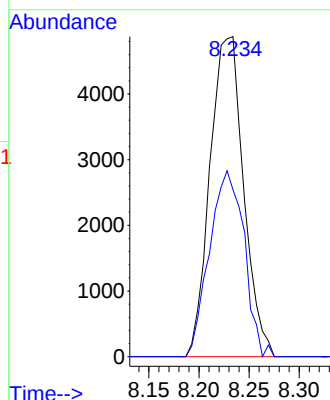
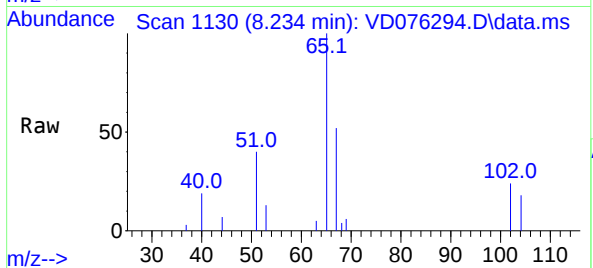




#33
1,2-Dichloroethane-d4
Concen: 126.213 ug/l
RT: 8.234 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076294.D
Acq: 31 May 2023 19:53

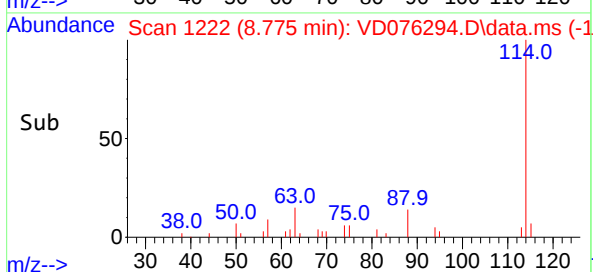
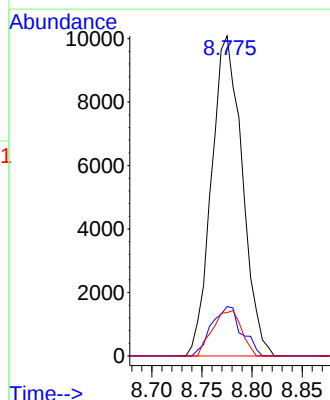
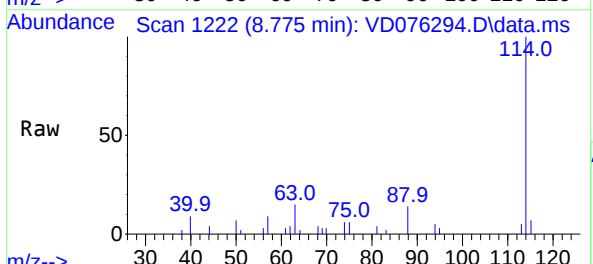
Instrument :
MSVOA_D
ClientSampleId :
SB19

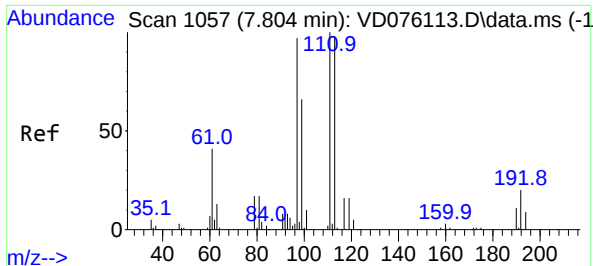
Tgt Ion: 65 Resp: 11376
Ion Ratio Lower Upper
65 100
67 59.6 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076294.D
Acq: 31 May 2023 19:53

Tgt Ion: 114 Resp: 21446
Ion Ratio Lower Upper
114 100
63 15.4 0.0 41.6
88 13.5 0.0 30.6

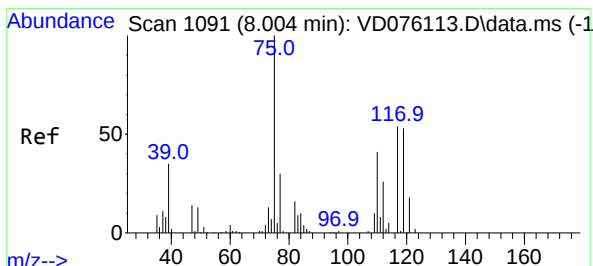
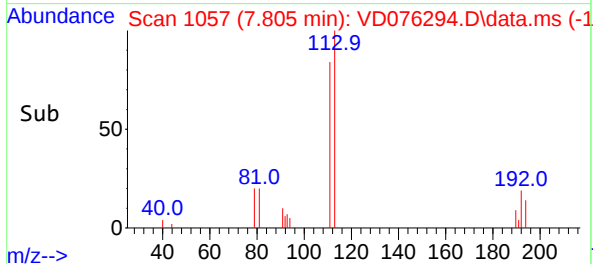
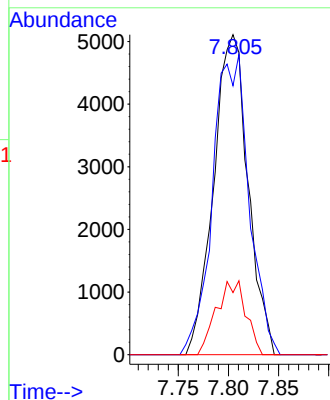
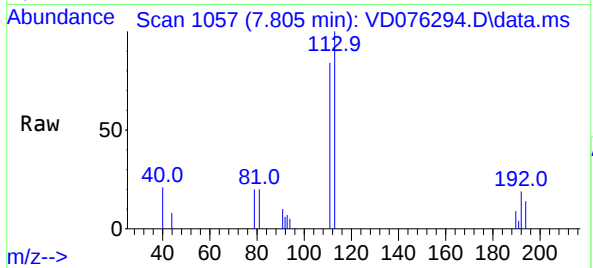




#35
Dibromofluoromethane
Concen: 82.232 ug/l
RT: 7.805 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VD076294.D
Acq: 31 May 2023 19:53

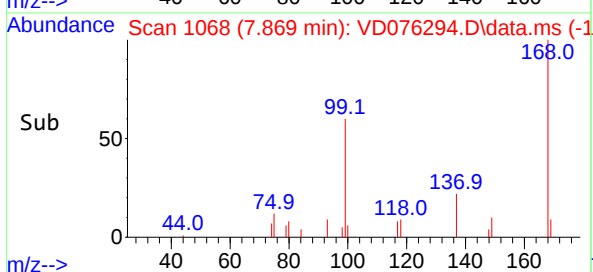
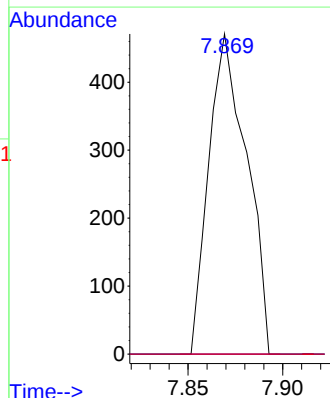
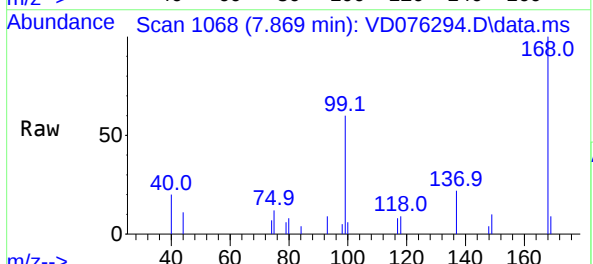
Instrument :
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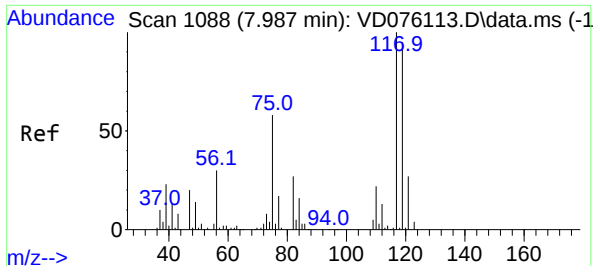
Tgt Ion:	113	Resp:	12190
Ion	Ratio	Lower	Upper
113	100		
111	99.0	81.4	122.0
192	19.7	15.2	22.8



#36
1,1-Dichloropropene
Concen: 3.272 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VD076294.D
Acq: 31 May 2023 19:53

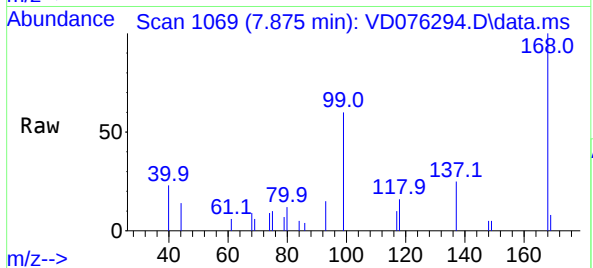
Tgt Ion:	75	Resp:	655
Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.1	51.2#
77	0.0	24.6	36.8#



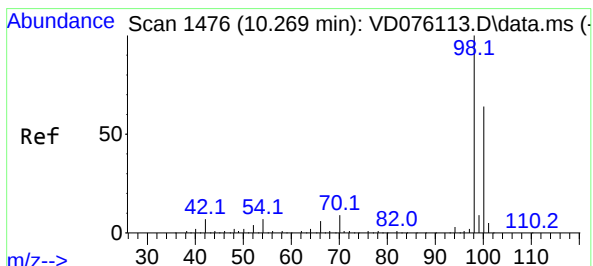
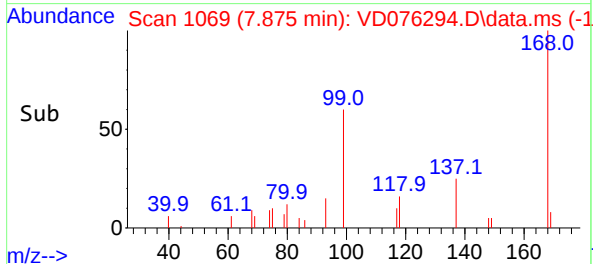
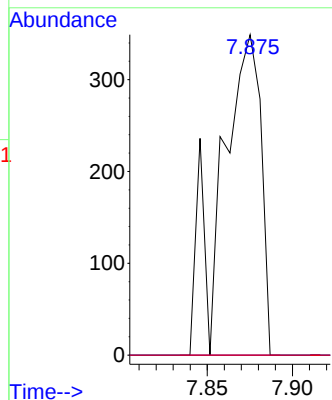


#38
Carbon Tetrachloride
Concen: 3.180 ug/l
RT: 7.875 min Scan# 1088
Delta R.T. -0.118 min
Lab File: VD076294.D
Acq: 31 May 2023 19:53

Instrument :
MSVOA_D
ClientSampleId :
SB19

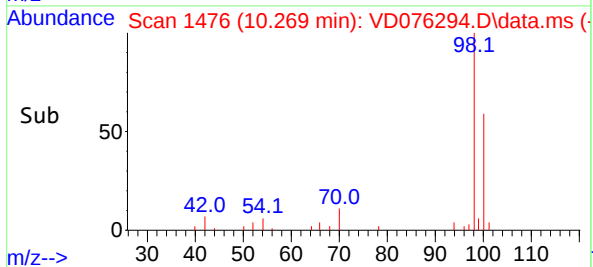
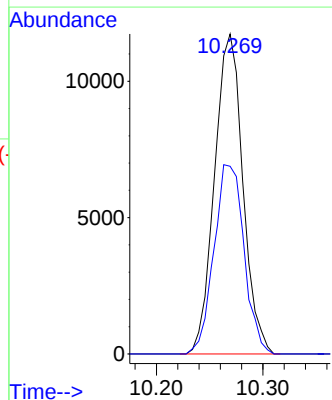
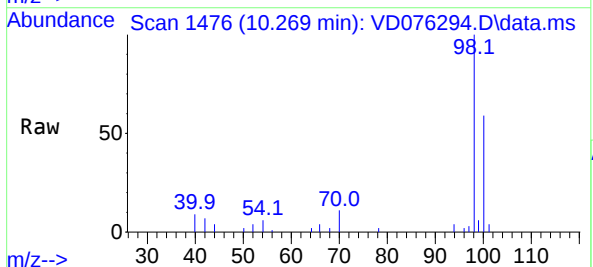


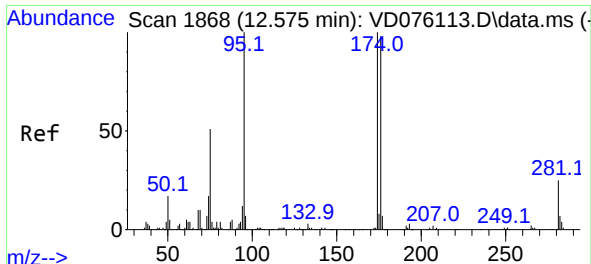
Tgt Ion:117 Resp: 575
Ion Ratio Lower Upper
117 100
119 0.0 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 37.507 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076294.D
Acq: 31 May 2023 19:53

Tgt Ion: 98 Resp: 21674
Ion Ratio Lower Upper
98 100
100 62.7 52.1 78.1



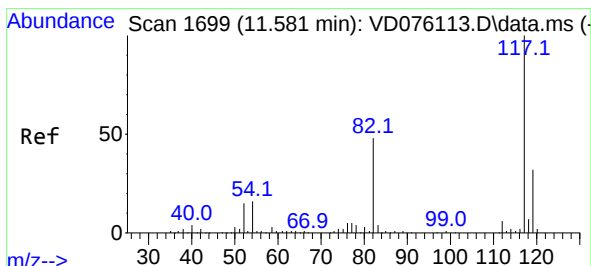
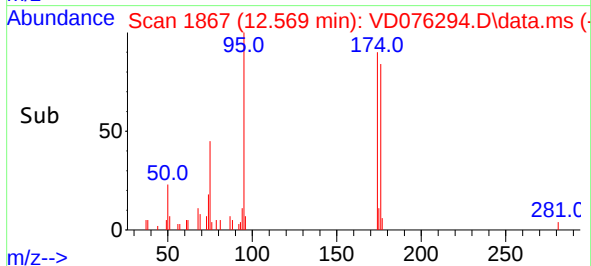
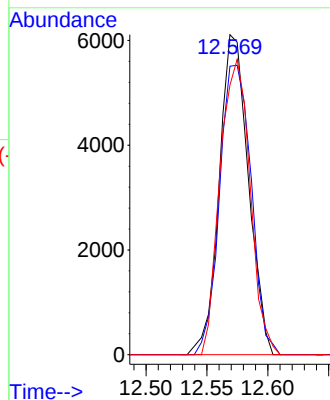
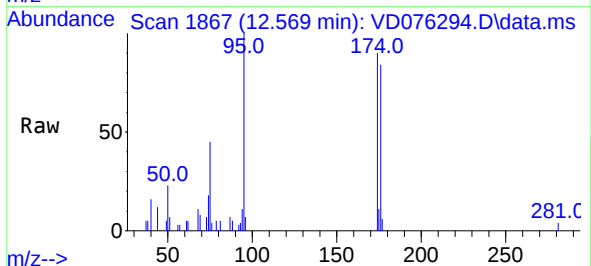


#62
4-Bromofluorobenzene
Concen: 63.591 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD076294.D
Acq: 31 May 2023 19:53

Instrument :
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ClientSampleId :
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Tgt Ion: 95 Resp: 10208

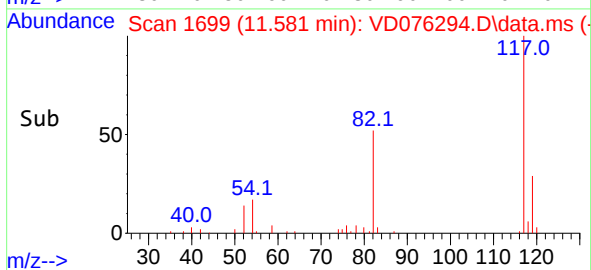
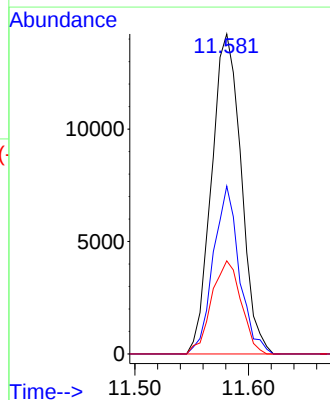
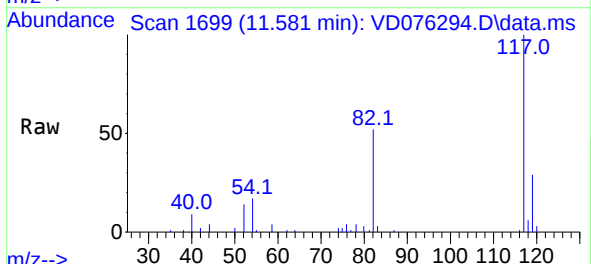
Ion	Ratio	Lower	Upper
95	100		
174	97.1	0.0	164.0
176	94.8	0.0	156.8

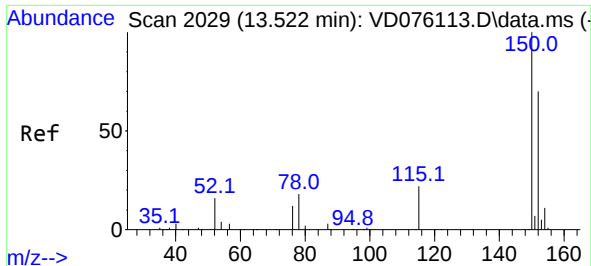


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076294.D
Acq: 31 May 2023 19:53

Tgt Ion: 117 Resp: 25706

Ion	Ratio	Lower	Upper
117	100		
82	52.4	44.0	66.0
119	29.1	25.1	37.7

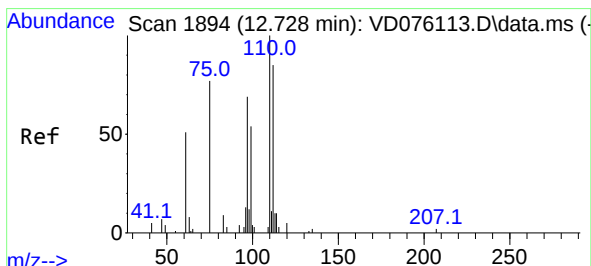
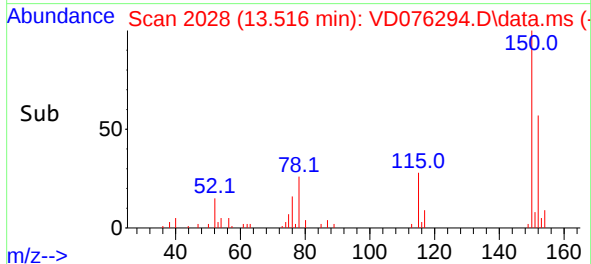
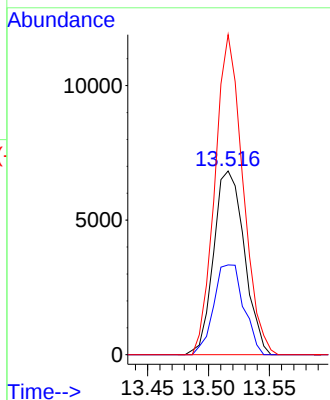
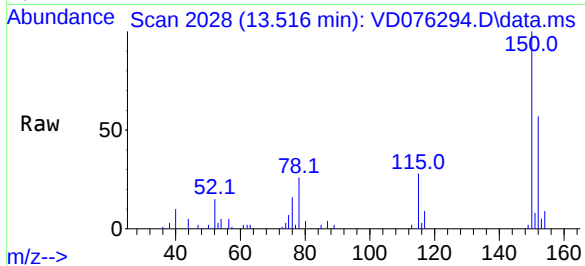




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2029
 Delta R.T. -0.006 min
 Lab File: VD076294.D
 Acq: 31 May 2023 19:53

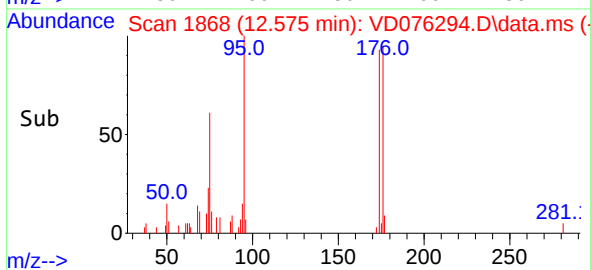
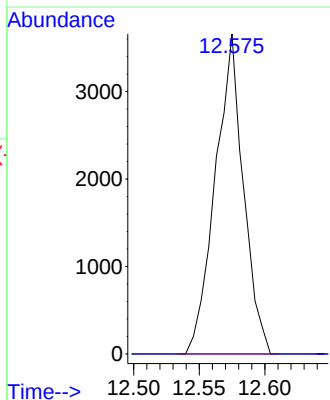
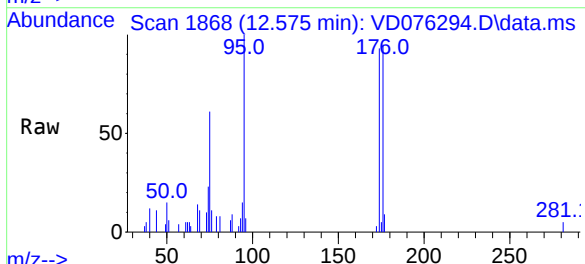
Instrument :
 MSVOA_D
 ClientSampleId :
 SB19

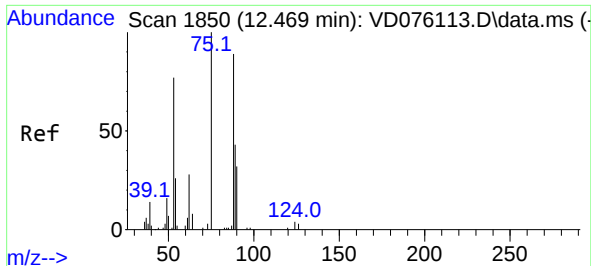
Tgt Ion:152 Resp: 11954
 Ion Ratio Lower Upper
 152 100
 115 47.9 30.1 90.3
 150 159.1 0.0 364.8



#76
 1,2,3-Trichloropropane
 Concen: 52.109 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.153 min
 Lab File: VD076294.D
 Acq: 31 May 2023 19:53

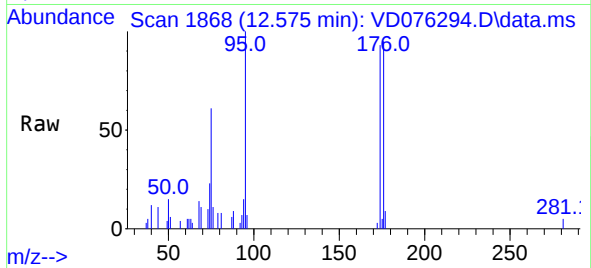
Tgt Ion: 75 Resp: 5451
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 109.316 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD076294.D
Acq: 31 May 2023 19:53

Instrument :
MSVOA_D
ClientSampleId :
SB19



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

