

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052523\
 Data File : VD076246.D
 Acq On : 25 May 2023 21:38
 Operator : KP/SY
 Sample : 02919-01
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 IMPACTED-STONE

Quant Time: May 26 02:01:38 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)

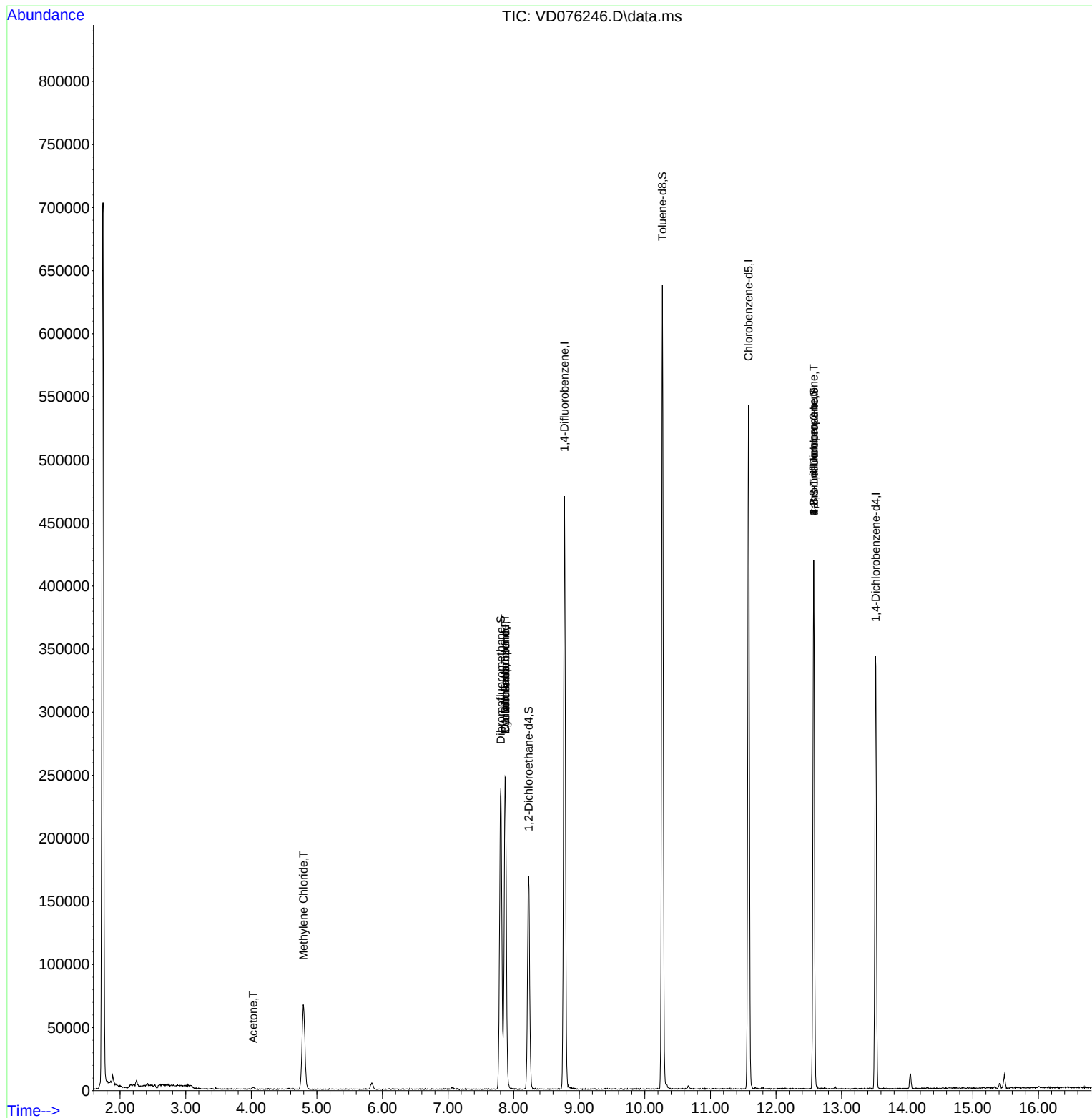
Internal Standards						
1) Pentafluorobenzene	7.875	168	207557	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	437809	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	339088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	100803	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	129848	64.730	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 129.460%	
35) Dibromofluoromethane	7.805	113	177153	58.539	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 117.080%	
50) Toluene-d8	10.269	98	457847	38.811	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 77.620%	
62) 4-Bromofluorobenzene	12.575	95	127659	38.956	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 77.920%	
Target Compounds						Qvalue
3) Chloromethane	2.140	50	476	Below Cal	97	
16) Acetone	4.028	43	2600	6.514	ug/l	98
17) Carbon Disulfide	4.269	76	357	Below Cal	# 73	
20) Methylene Chloride	4.793	84	58163	11.265	ug/l	# 77
31) Cyclohexane	7.875	56	4013	1.306	ug/l	# 1
36) 1,1-Dichloropropene	7.875	75	15828	3.873	ug/l	# 50
38) Carbon Tetrachloride	7.869	117	18308	4.959	ug/l	# 17
76) 1,2,3-Trichloropropane	12.575	75	64130	72.701	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	64130	152.514	ug/l	# 5

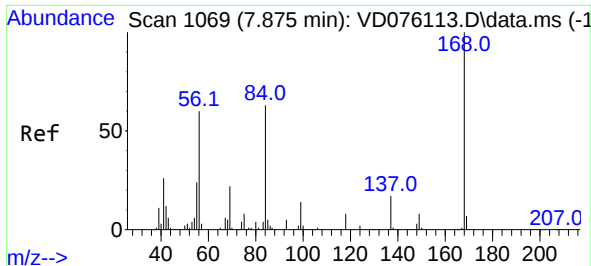
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

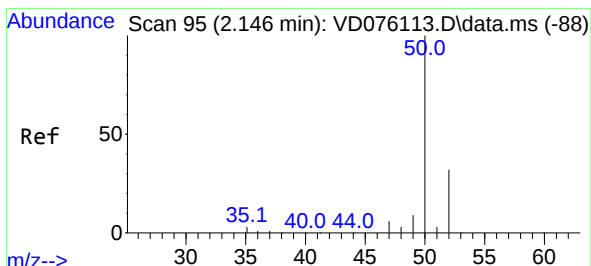
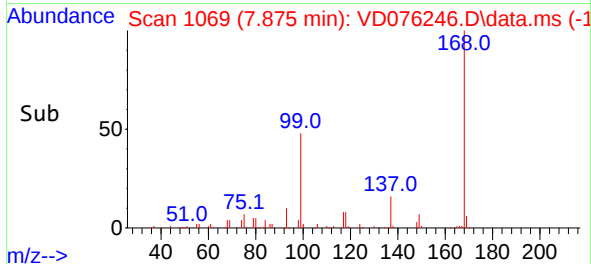
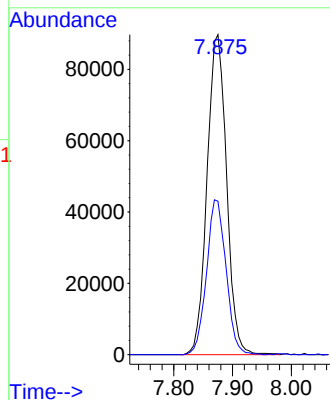
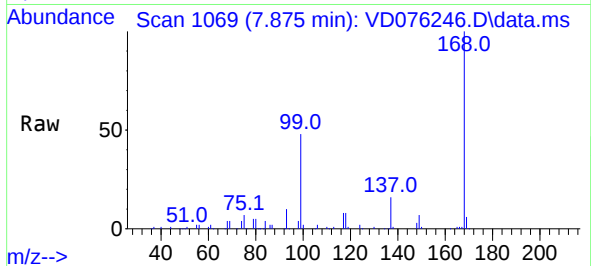




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076246.D
Acq: 25 May 2023 21:38

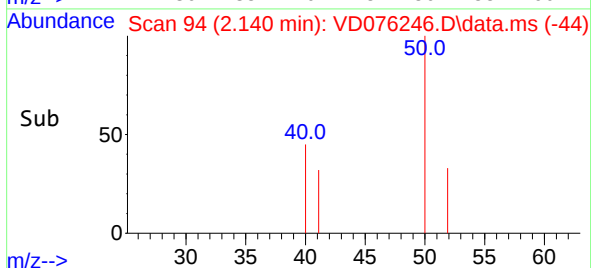
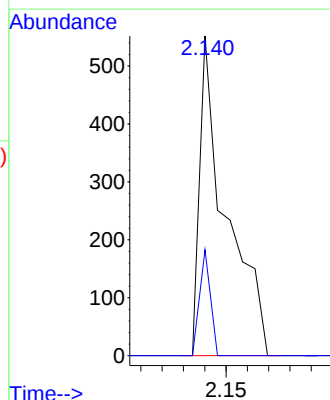
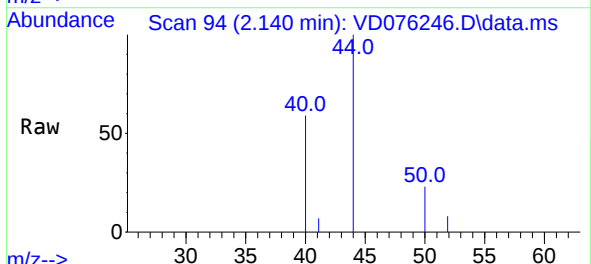
Instrument :
MSVOA_D
ClientSampleId :
IMPACTED-STONE

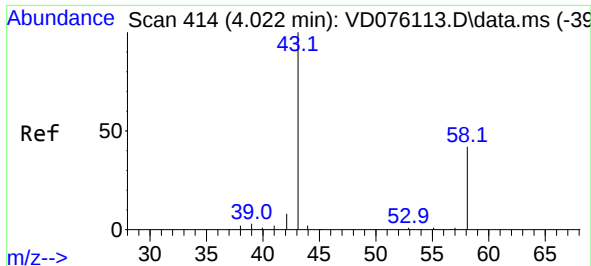
Tgt Ion:168 Resp: 207557
Ion Ratio Lower Upper
168 100
99 47.9 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD076246.D
Acq: 25 May 2023 21:38

Tgt Ion: 50 Resp: 476
Ion Ratio Lower Upper
50 100
52 33.2 27.8 41.8

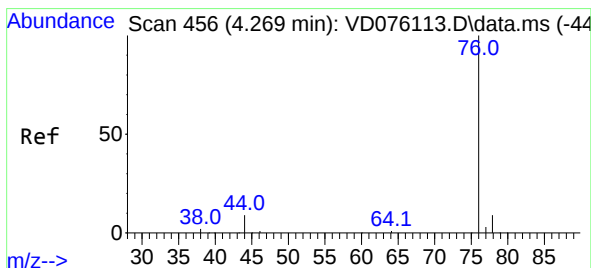
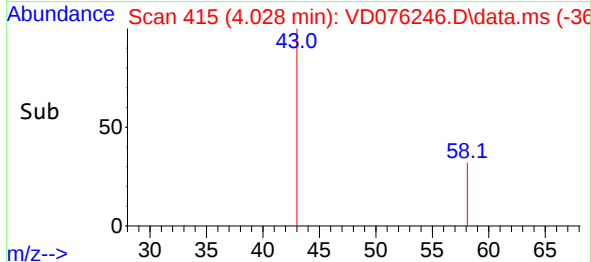
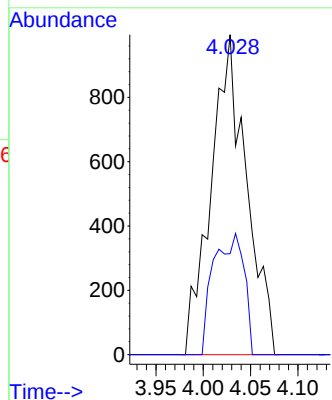
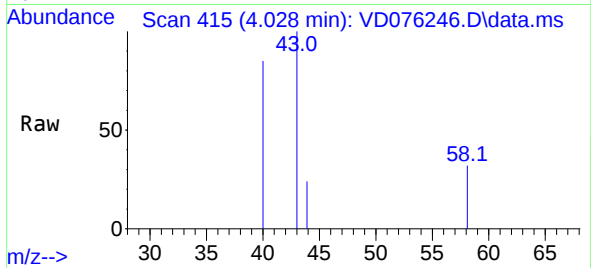




#16
Acetone
Concen: 6.514 ug/l
RT: 4.028 min Scan# 414
Delta R.T. 0.006 min
Lab File: VD076246.D
Acq: 25 May 2023 21:38

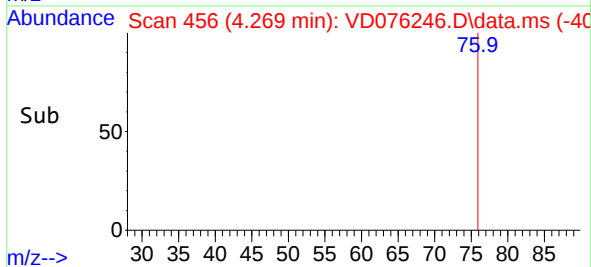
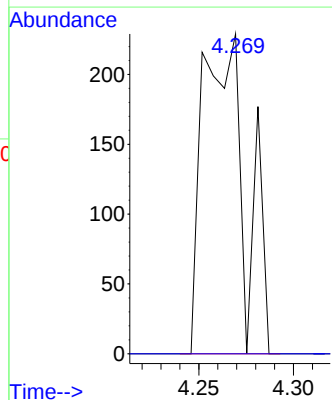
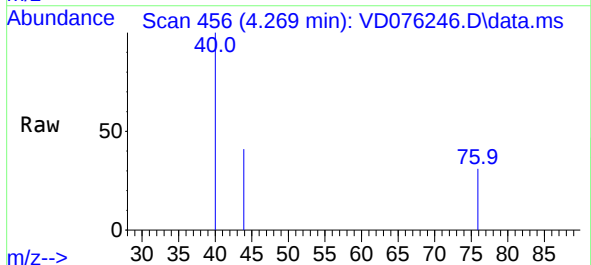
Instrument :
MSVOA_D
ClientSampleId :
IMPACTED-STONE

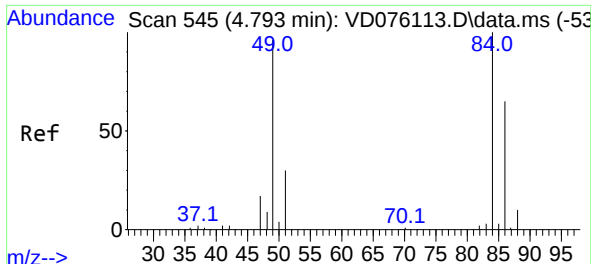
Tgt Ion: 43 Resp: 2600
Ion Ratio Lower Upper
43 100
58 31.6 24.4 36.6



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.269 min Scan# 456
Delta R.T. 0.000 min
Lab File: VD076246.D
Acq: 25 May 2023 21:38

Tgt Ion: 76 Resp: 357
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#



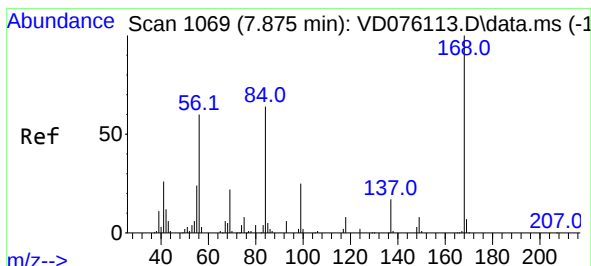
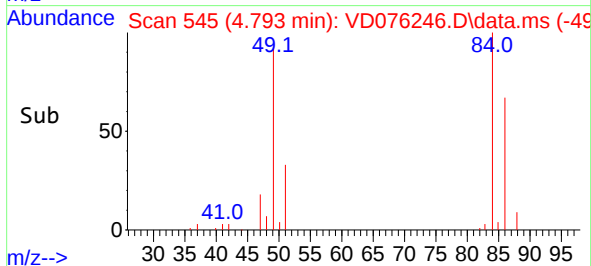
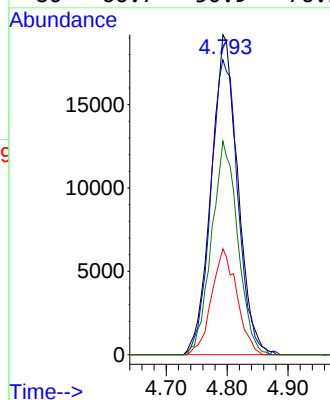
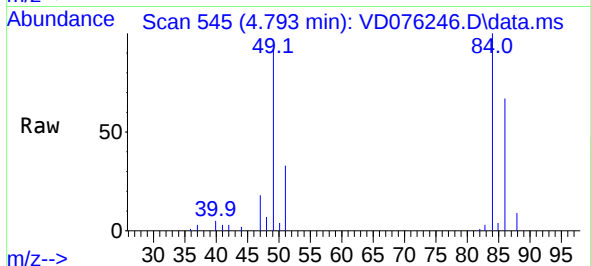


#20
Methylene Chloride
Concen: 11.265 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076246.D
Acq: 25 May 2023 21:38

Instrument :
MSVOA_D
ClientSampleId :
IMPACTED-STONE

Tgt Ion: 84 Resp: 58163

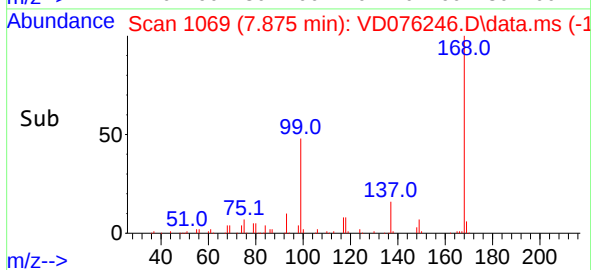
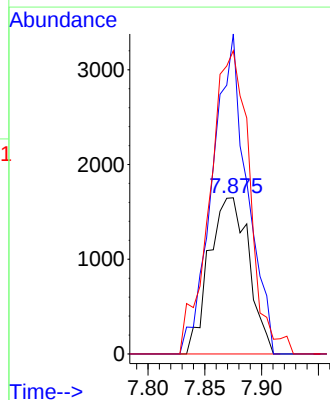
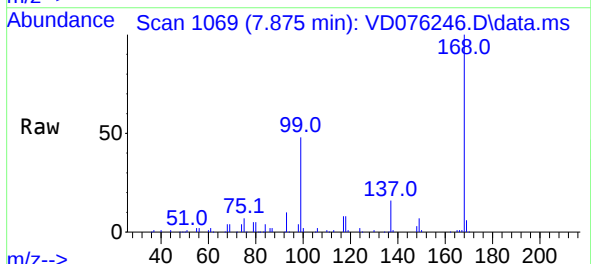
Ion	Ratio	Lower	Upper
84	100		
49	92.2	106.4	159.6#
51	33.1	32.4	48.6
86	66.7	50.9	76.3

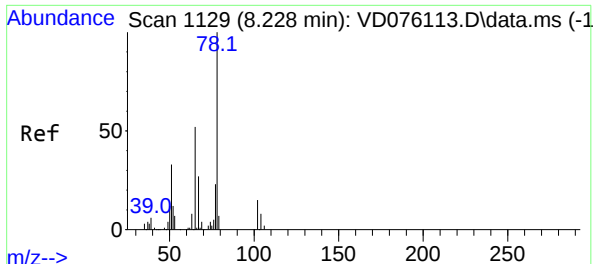


#31
Cyclohexane
Concen: 1.306 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076246.D
Acq: 25 May 2023 21:38

Tgt Ion: 56 Resp: 4013

Ion	Ratio	Lower	Upper
56	100		
69	204.9	25.5	38.3#
84	194.1	69.6	104.4#

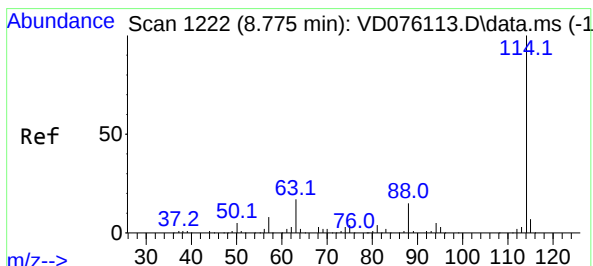
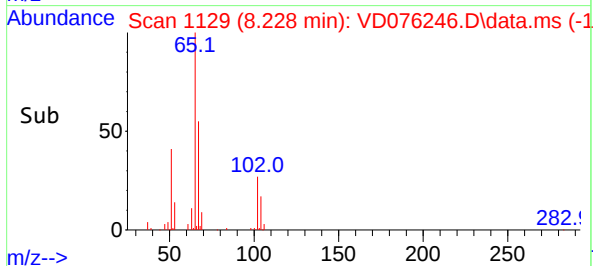
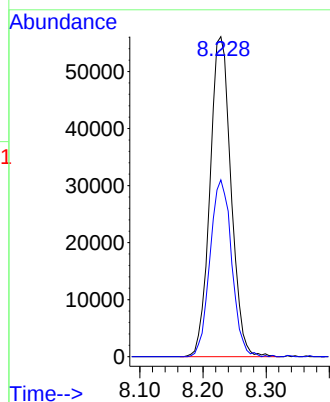
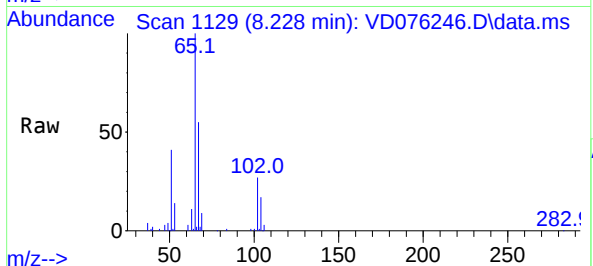




#33
1,2-Dichloroethane-d4
Concen: 64.730 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076246.D
Acq: 25 May 2023 21:38

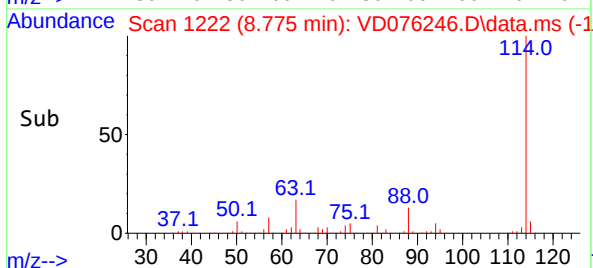
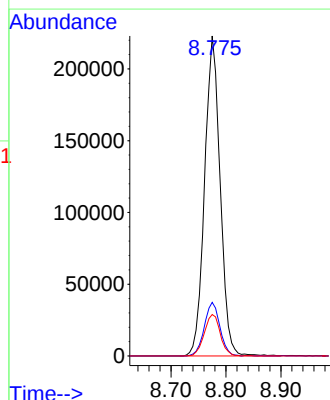
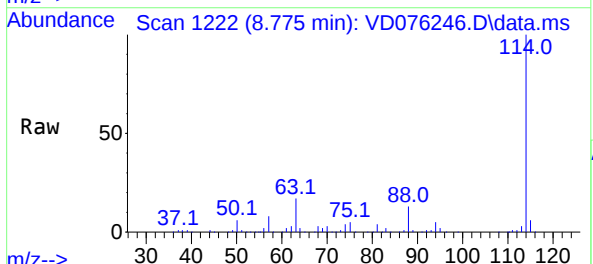
Instrument :
MSVOA_D
ClientSampleId :
IMPACTED-STONE

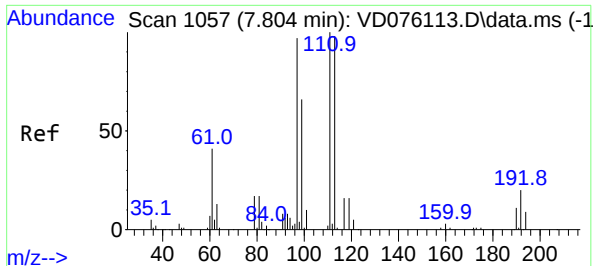
Tgt Ion: 65 Resp: 129848
Ion Ratio Lower Upper
65 100
67 56.9 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076246.D
Acq: 25 May 2023 21:38

Tgt Ion: 114 Resp: 437809
Ion Ratio Lower Upper
114 100
63 16.8 0.0 41.6
88 13.0 0.0 30.6

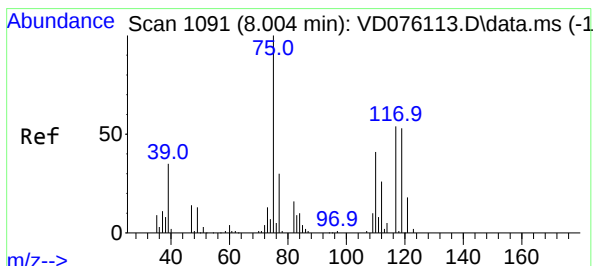
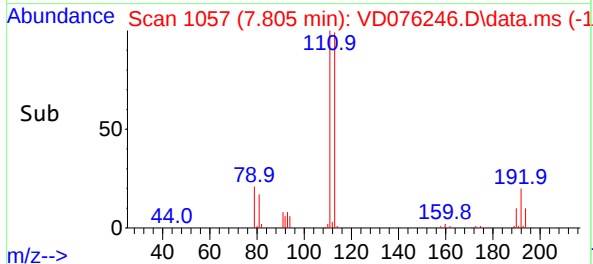
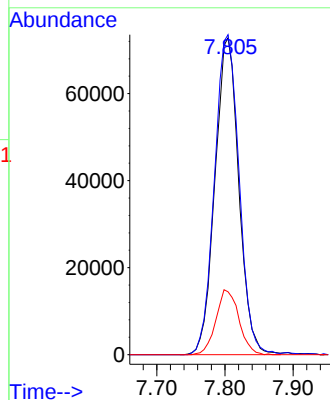
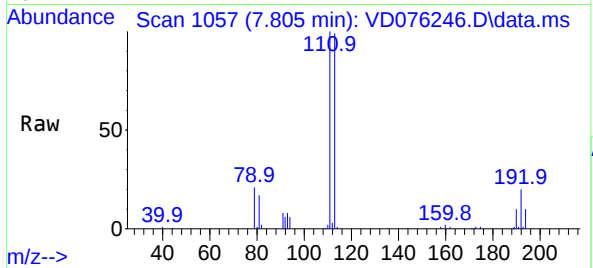




#35
Dibromofluoromethane
Concen: 58.539 ug/l
RT: 7.805 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD076246.D
Acq: 25 May 2023 21:38

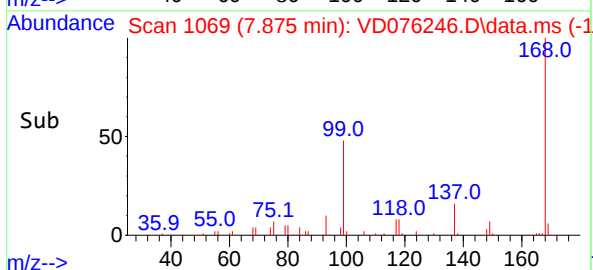
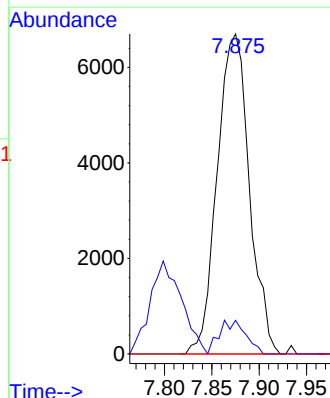
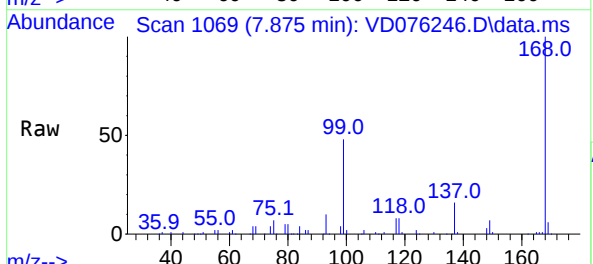
Instrument :
MSVOA_D
ClientSampleId :
IMPACTED-STONE

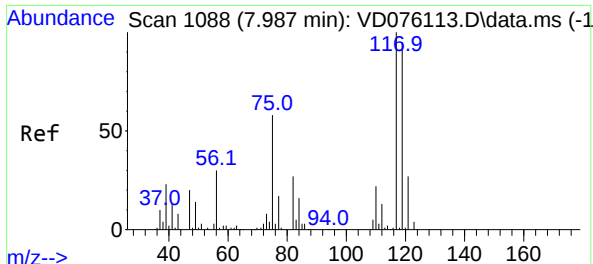
Tgt Ion:113 Resp: 177153
Ion Ratio Lower Upper
113 100
111 104.2 81.4 122.0
192 19.7 15.2 22.8



#36
1,1-Dichloropropene
Concen: 3.873 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD076246.D
Acq: 25 May 2023 21:38

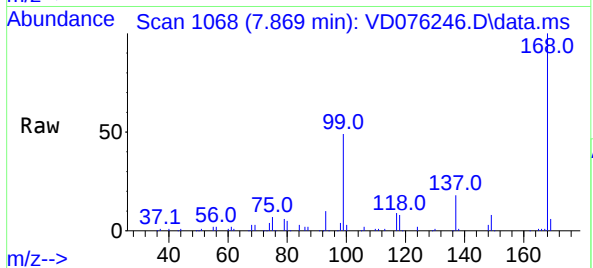
Tgt Ion: 75 Resp: 15828
Ion Ratio Lower Upper
75 100
110 8.6 17.1 51.2#
77 0.0 24.6 36.8#



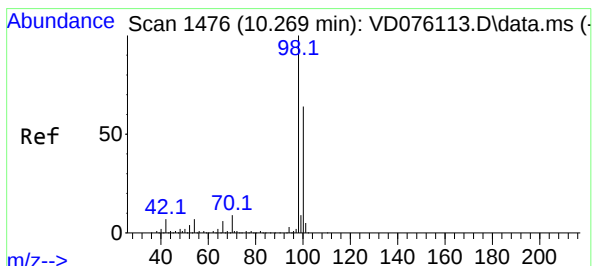
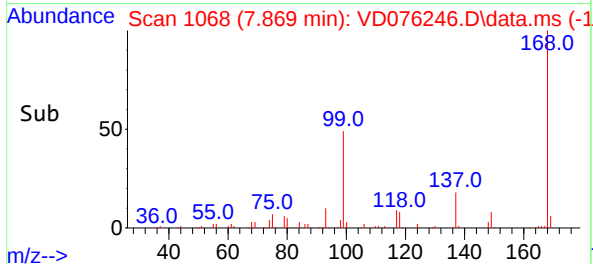
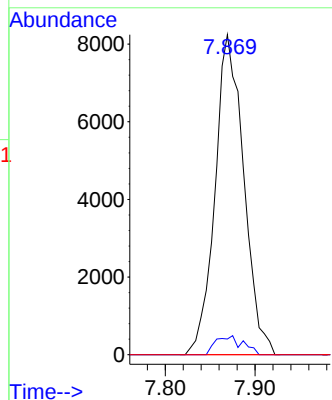


#38
Carbon Tetrachloride
Concen: 4.959 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD076246.D
Acq: 25 May 2023 21:38

Instrument :
MSVOA_D
ClientSampleId :
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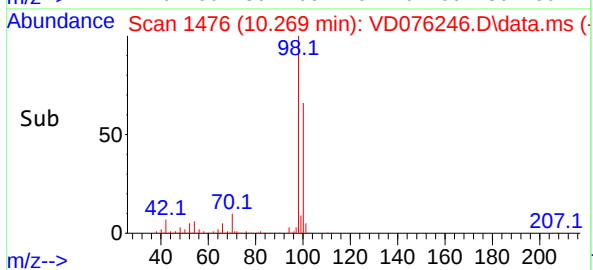
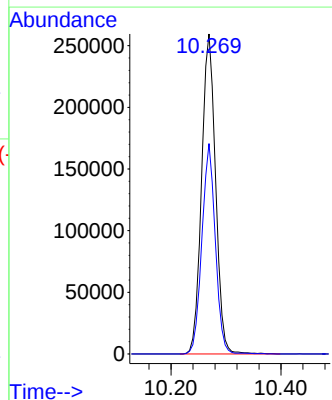
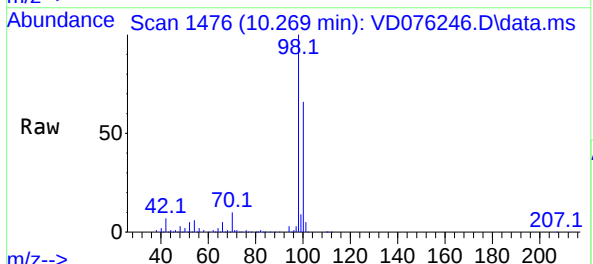


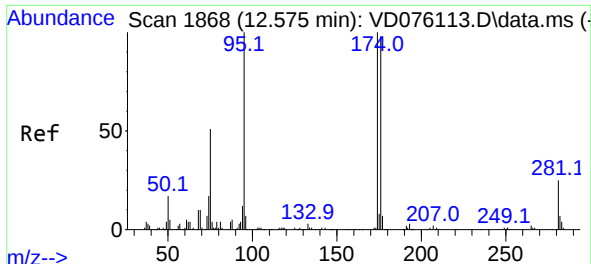
Tgt Ion:117 Resp: 18308
Ion Ratio Lower Upper
117 100
119 4.9 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 38.811 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076246.D
Acq: 25 May 2023 21:38

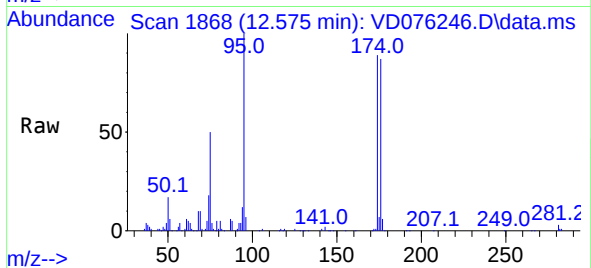
Tgt Ion: 98 Resp: 457847
Ion Ratio Lower Upper
98 100
100 63.3 52.1 78.1



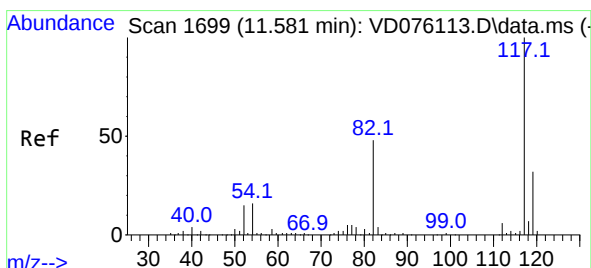
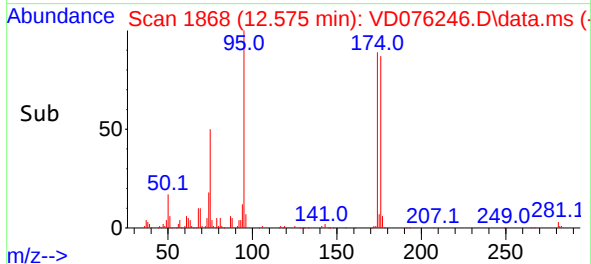
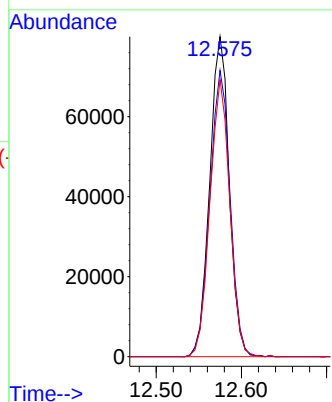


#62
4-Bromofluorobenzene
Concen: 38.956 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076246.D
Acq: 25 May 2023 21:38

Instrument :
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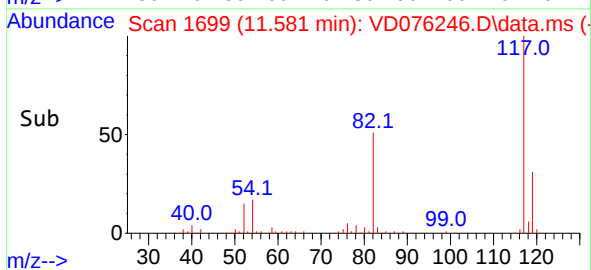
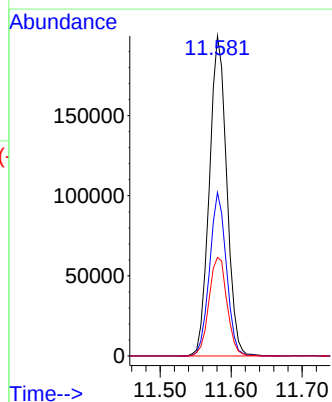
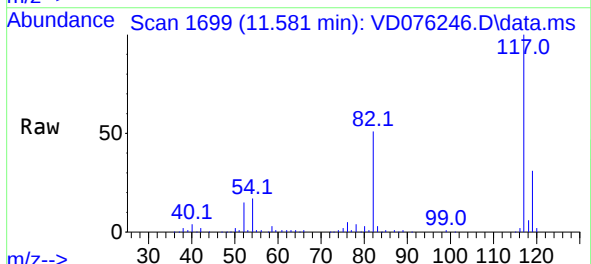


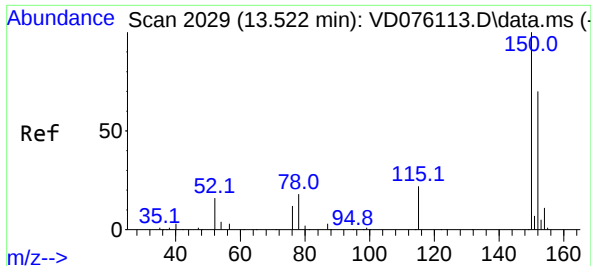
Tgt Ion: 95 Resp: 127659
Ion Ratio Lower Upper
95 100
174 93.0 0.0 164.0
176 87.8 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076246.D
Acq: 25 May 2023 21:38

Tgt Ion: 117 Resp: 339088
Ion Ratio Lower Upper
117 100
82 51.1 44.0 66.0
119 30.8 25.1 37.7

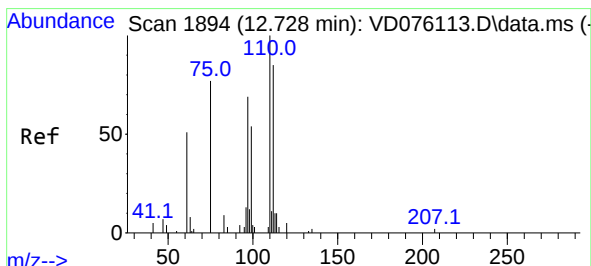
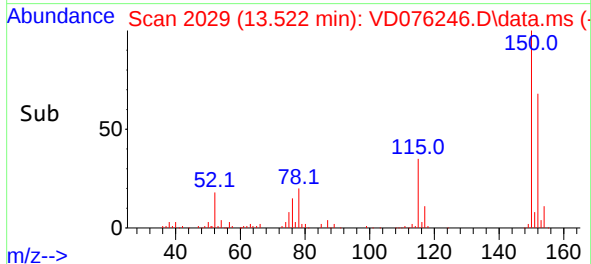
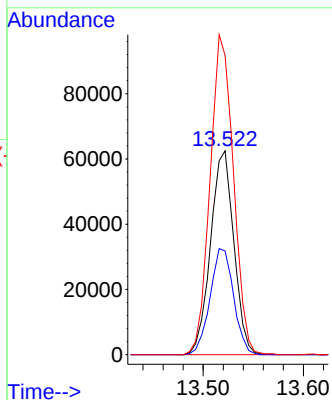
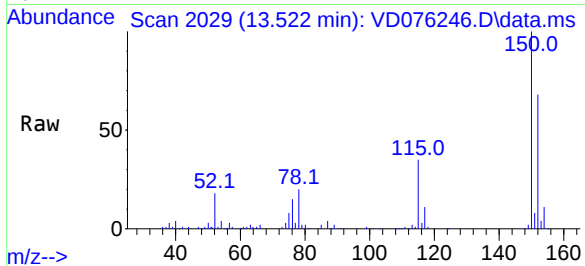




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076246.D
Acq: 25 May 2023 21:38

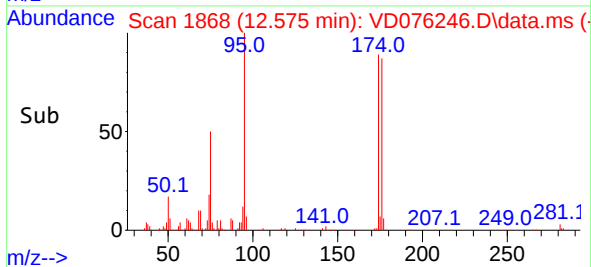
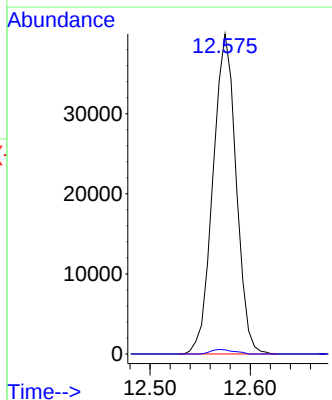
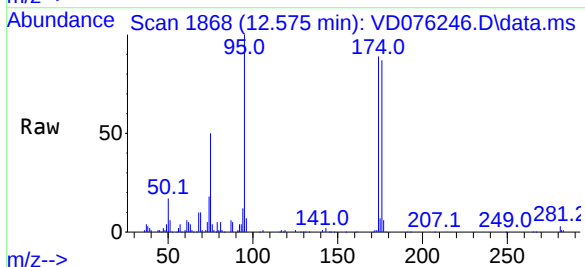
Instrument :
MSVOA_D
ClientSampleId :
IMPACTED-STONE

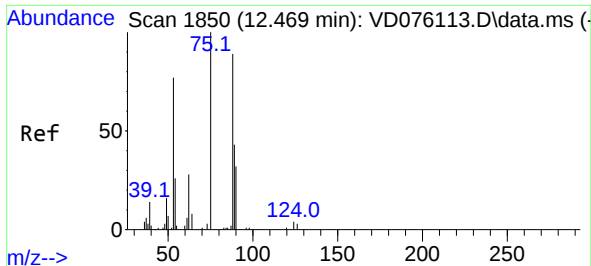
Tgt Ion:152 Resp: 100803
Ion Ratio Lower Upper
152 100
115 52.5 30.1 90.3
150 157.2 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 72.701 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076246.D
Acq: 25 May 2023 21:38

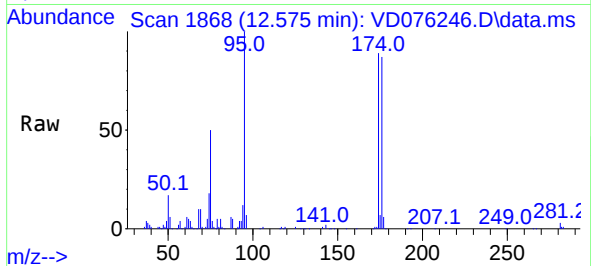
Tgt Ion: 75 Resp: 64130
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 152.514 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.100 min
 Lab File: VD076246.D
 Acq: 25 May 2023 21:38

Instrument :
 MSVOA_D
 ClientSampleId :
 IMPACTED-STONE



Tgt Ion:	75	Resp:	64130
Ion	Ratio	Lower	Upper
75	100		
53	0.2	90.5	135.7#
89	0.0	40.2	60.4#

