

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD053123\
 Data File : VD076292.D
 Acq On : 31 May 2023 18:52
 Operator : KP/SY
 Sample : 02980-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-01-05302023

Quant Time: Jun 01 01:44:09 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)

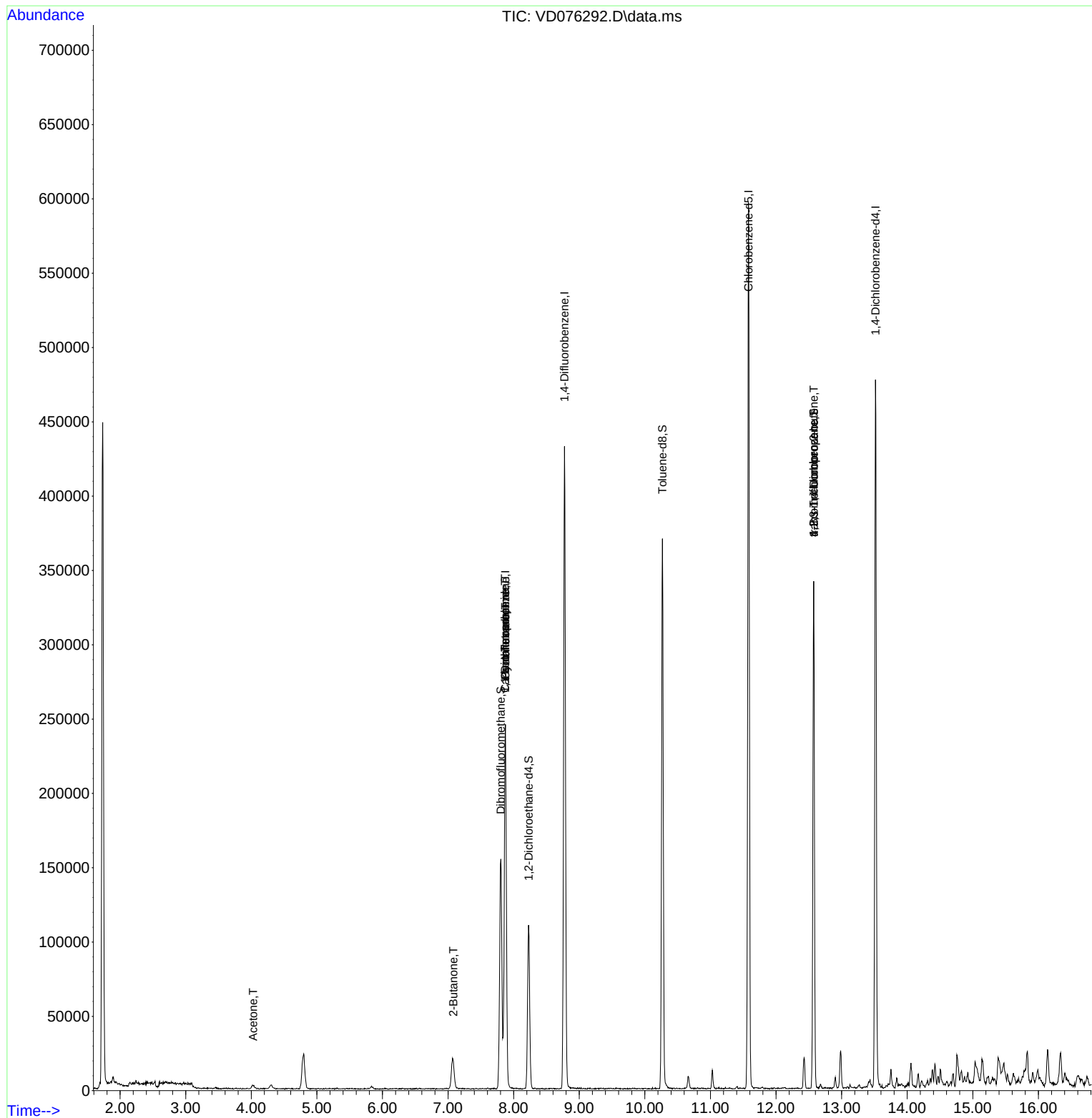
Internal Standards						
1) Pentafluorobenzene	7.875	168	198956	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	411324	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	372089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	137868	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	83968	43.668	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.340%		
35) Dibromofluoromethane	7.805	113	116569	41.000	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	82.000%		
50) Toluene-d8	10.269	98	273993	24.721	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	49.440%#		
62) 4-Bromofluorobenzene	12.575	95	102516	33.298	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	66.600%		
Target Compounds						
3) Chloromethane	2.140	50	726	Below Cal	#	40
16) Acetone	4.028	43	4640	12.128	ug/l	94
17) Carbon Disulfide	4.258	76	188	Below Cal	#	73
20) Methylene Chloride	4.799	84	20093	Below Cal	#	75
25) 2-Butanone	7.081	43	1145	2.380	ug/l	# 50
31) Cyclohexane	7.875	56	4049	1.375	ug/l	# 1
36) 1,1-Dichloropropene	7.869	75	15944	4.152	ug/l	# 49
38) Carbon Tetrachloride	7.869	117	18738	5.403	ug/l	# 16
76) 1,2,3-Trichloropropane	12.575	75	53037	43.961	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	53037	92.222	ug/l	# 5

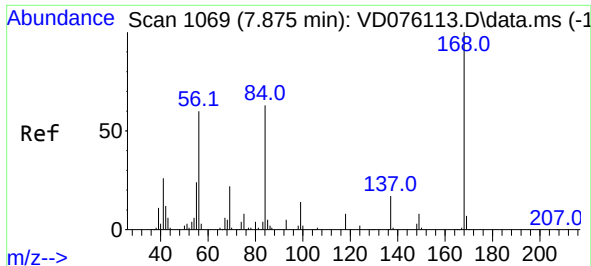
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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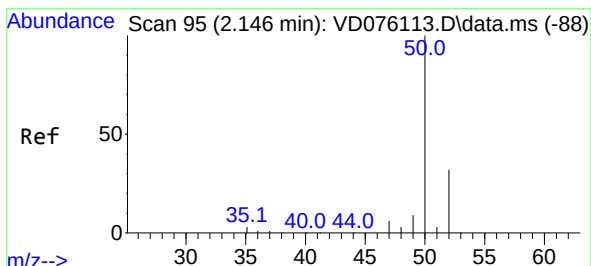
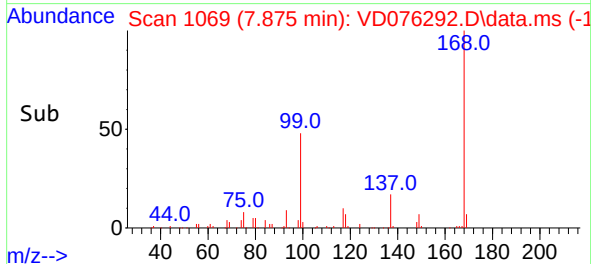
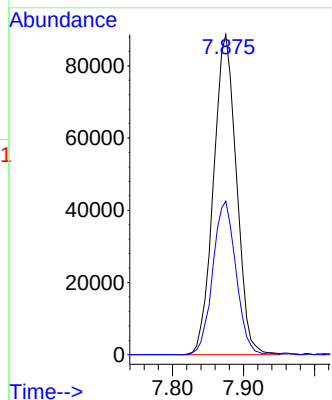
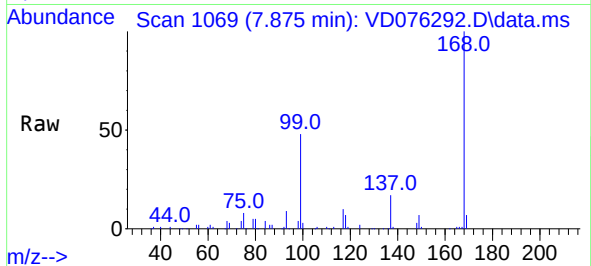




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 10
Delta R.T. 0.000 min
Lab File: VD076292.D
Acq: 31 May 2023 18:52

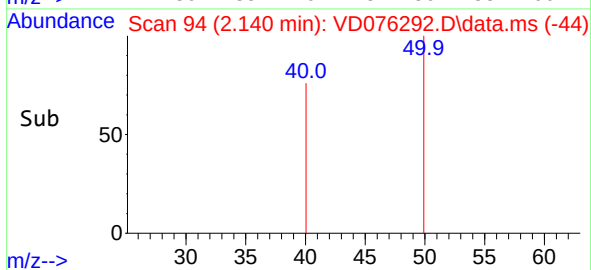
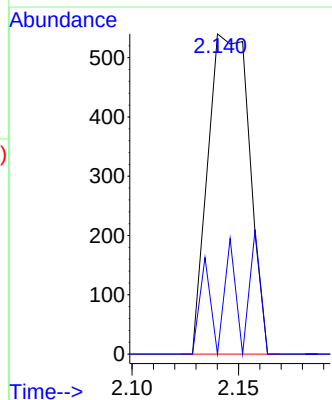
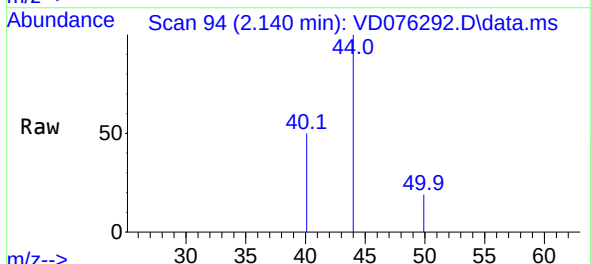
Instrument :
MSVOA_D
ClientSampleId :
EO-01-05302023

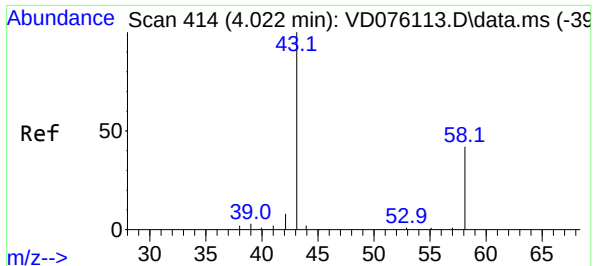
Tgt Ion:168 Resp: 198956
Ion Ratio Lower Upper
168 100
99 48.0 43.8 65.6



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD076292.D
Acq: 31 May 2023 18:52

Tgt Ion: 50 Resp: 726
Ion Ratio Lower Upper
50 100
52 0.0 27.8 41.8#

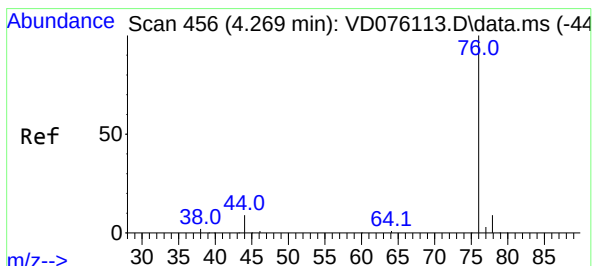
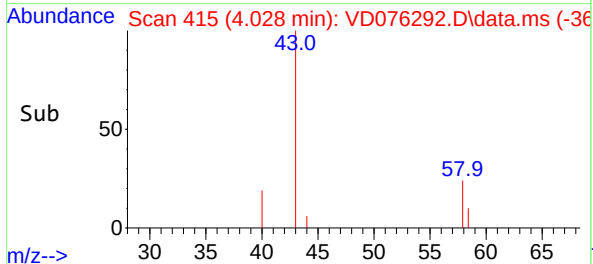
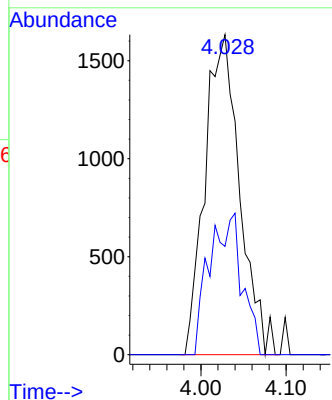
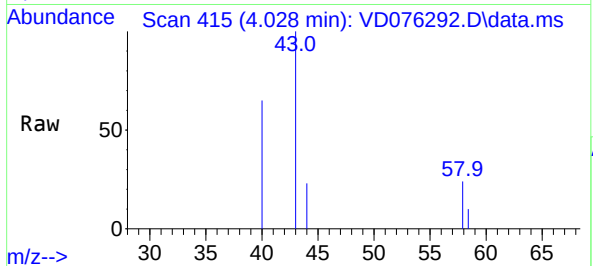




#16
Acetone
Concen: 12.128 ug/l
RT: 4.028 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD076292.D
Acq: 31 May 2023 18:52

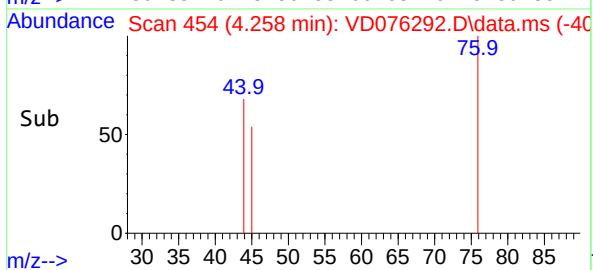
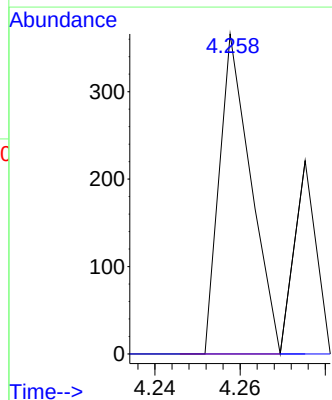
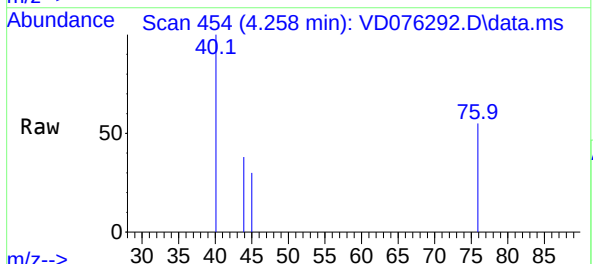
Instrument :
MSVOA_D
ClientSampleId :
EO-01-05302023

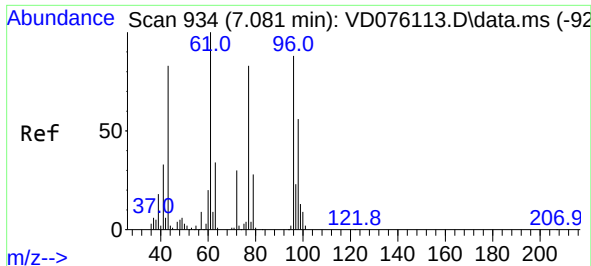
Tgt Ion: 43 Resp: 4640
Ion Ratio Lower Upper
43 100
58 33.9 24.4 36.6



#17
Carbon Disulfide
Concen: Below Cal
RT: 4.258 min Scan# 454
Delta R.T. -0.011 min
Lab File: VD076292.D
Acq: 31 May 2023 18:52

Tgt Ion: 76 Resp: 188
Ion Ratio Lower Upper
76 100
78 0.0 8.0 12.0#

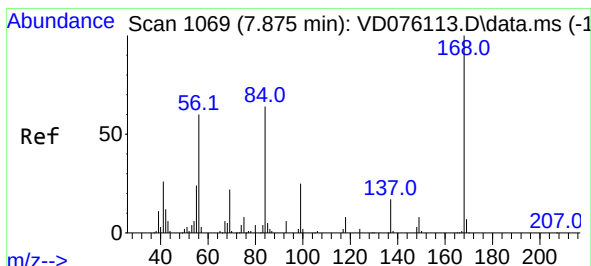
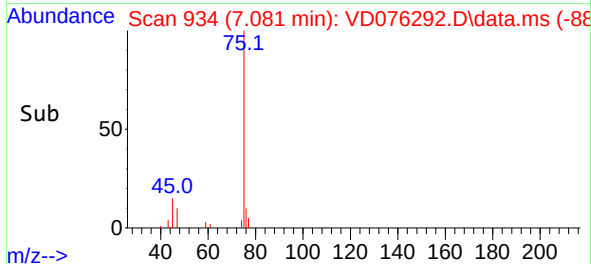
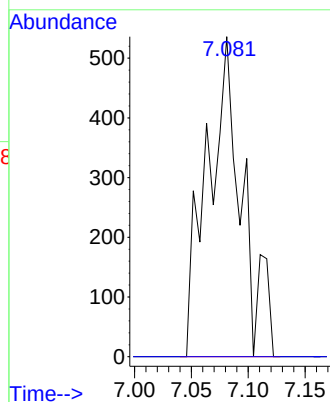
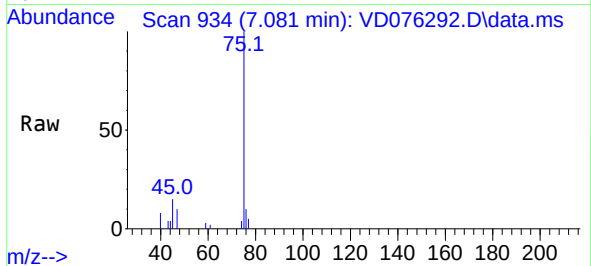




#25
2-Butanone
Concen: 2.380 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD076292.D
Acq: 31 May 2023 18:52

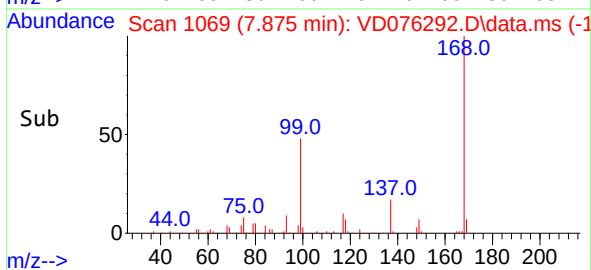
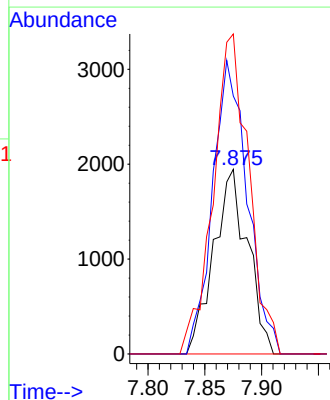
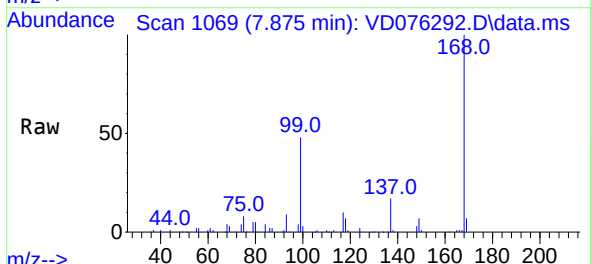
Instrument :
MSVOA_D
ClientSampleId :
EO-01-05302023

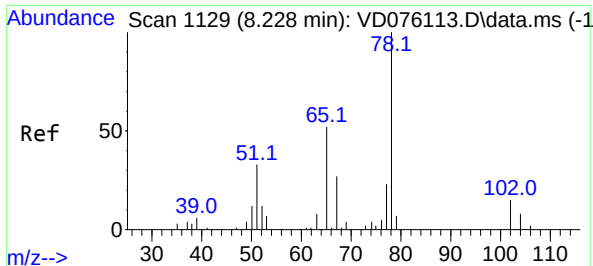
Tgt Ion: 43 Resp: 1145
Ion Ratio Lower Upper
43 100
72 0.0 19.8 29.8#



#31
Cyclohexane
Concen: 1.375 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076292.D
Acq: 31 May 2023 18:52

Tgt Ion: 56 Resp: 4049
Ion Ratio Lower Upper
56 100
69 139.7 25.5 38.3#
84 173.3 69.6 104.4#

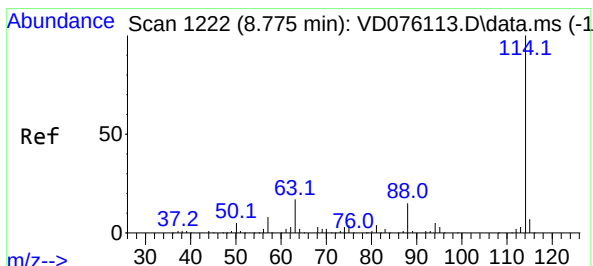
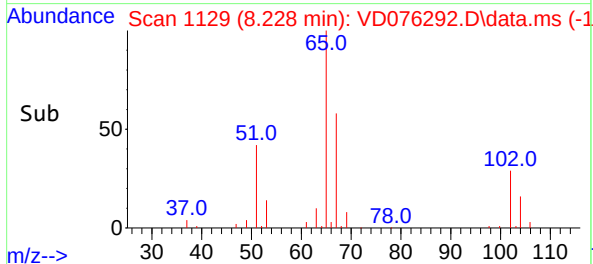
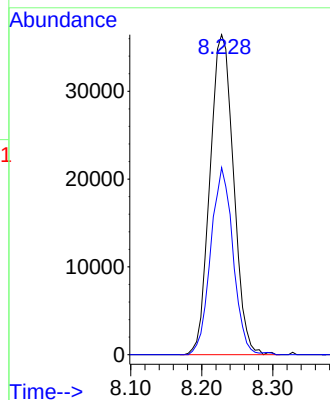
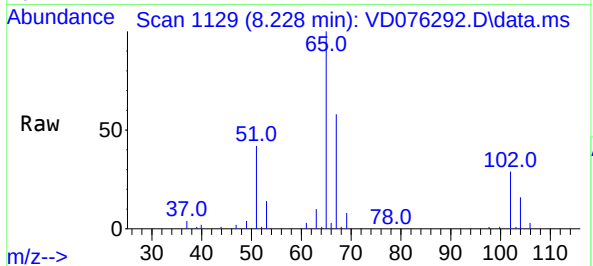




#33
1,2-Dichloroethane-d4
Concen: 43.668 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD076292.D
Acq: 31 May 2023 18:52

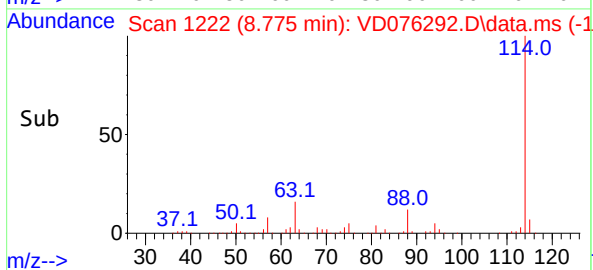
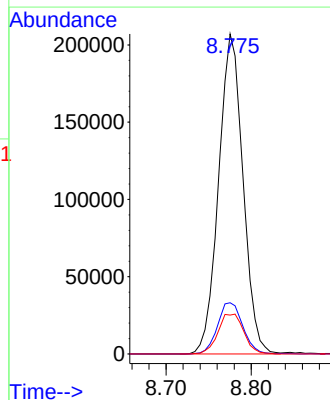
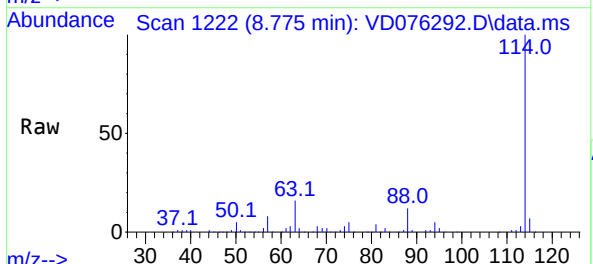
Instrument :
MSVOA_D
ClientSampleId :
EO-01-05302023

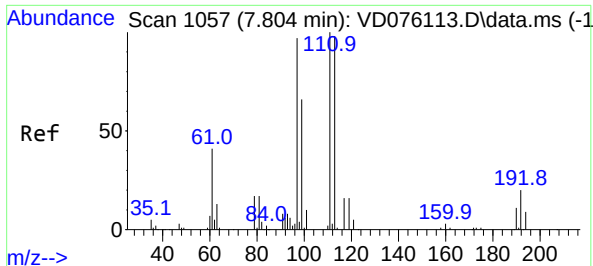
Tgt Ion: 65 Resp: 83968
Ion Ratio Lower Upper
65 100
67 55.1 0.0 102.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD076292.D
Acq: 31 May 2023 18:52

Tgt Ion: 114 Resp: 411324
Ion Ratio Lower Upper
114 100
63 16.0 0.0 41.6
88 12.1 0.0 30.6





#35

Dibromofluoromethane

Concen: 41.000 ug/l

RT: 7.805 min Scan# 1067

Delta R.T. -0.000 min

Lab File: VD076292.D

Acq: 31 May 2023 18:52

Instrument :

MSVOA_D

ClientSampleId :

EO-01-05302023

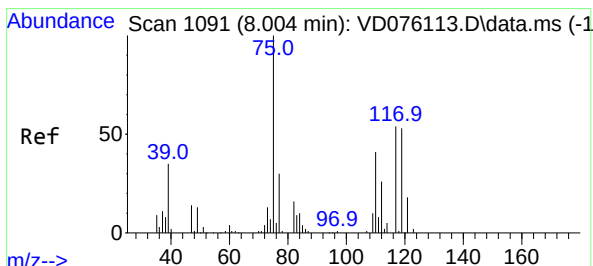
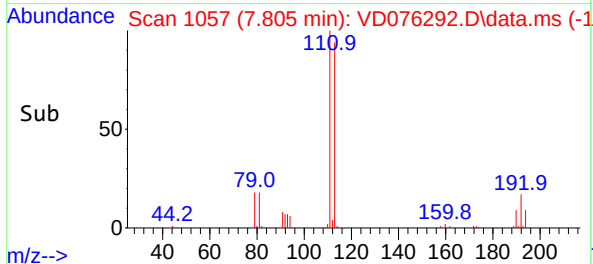
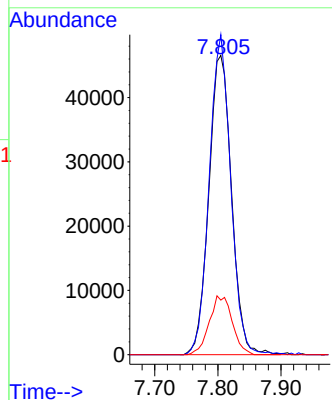
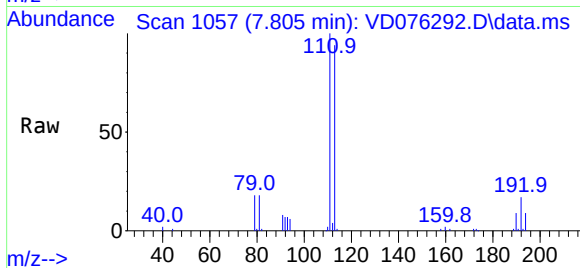
Tgt Ion:113 Resp: 116569

Ion Ratio Lower Upper

113 100

111 101.0 81.4 122.0

192 19.9 15.2 22.8



#36

1,1-Dichloropropene

Concen: 4.152 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.141 min

Lab File: VD076292.D

Acq: 31 May 2023 18:52

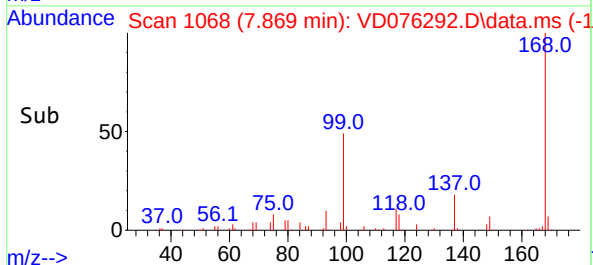
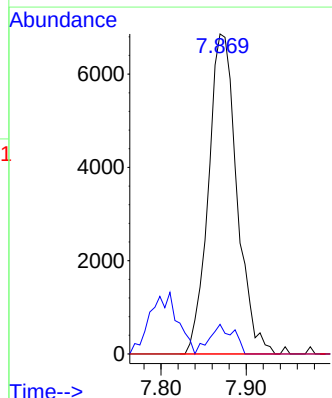
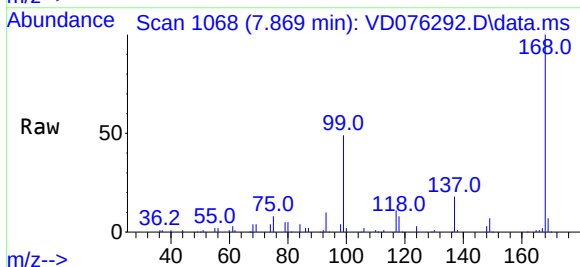
Tgt Ion: 75 Resp: 15944

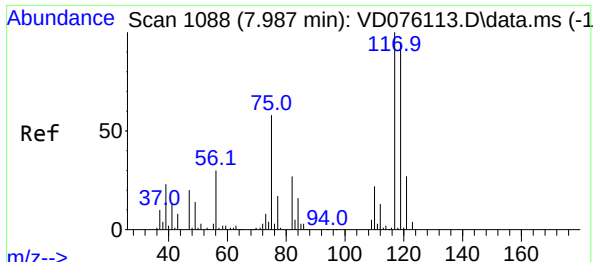
Ion Ratio Lower Upper

75 100

110 7.8 17.1 51.2#

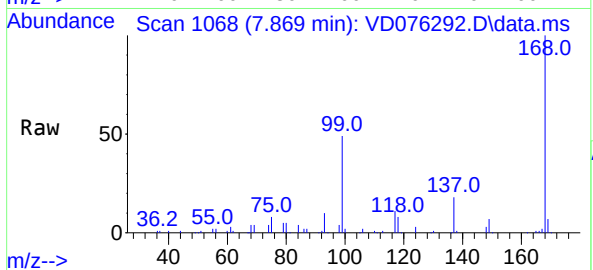
77 0.0 24.6 36.8#



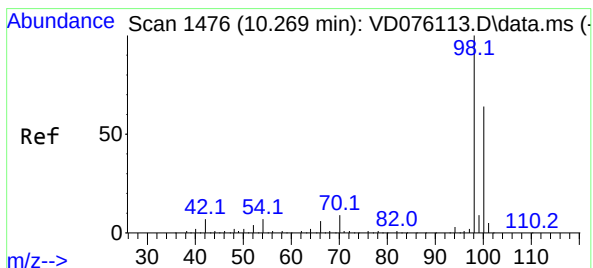
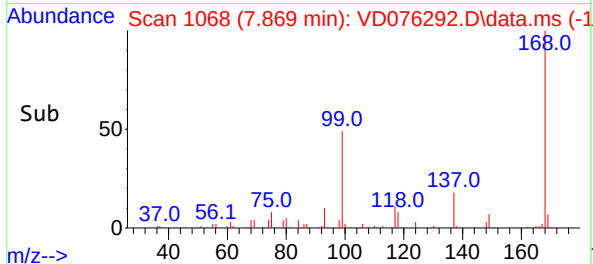
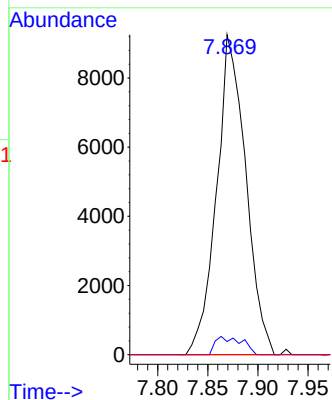


#38
Carbon Tetrachloride
Concen: 5.403 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.124 min
Lab File: VD076292.D
Acq: 31 May 2023 18:52

Instrument :
MSVOA_D
ClientSampleId :
EO-01-05302023

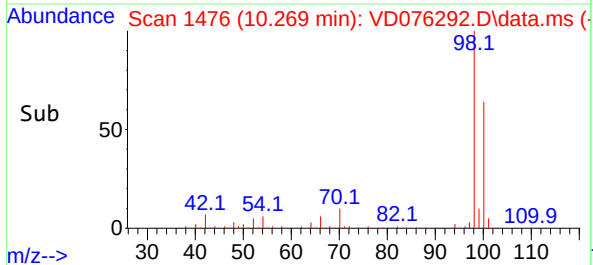
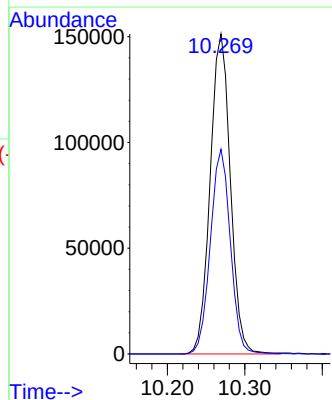
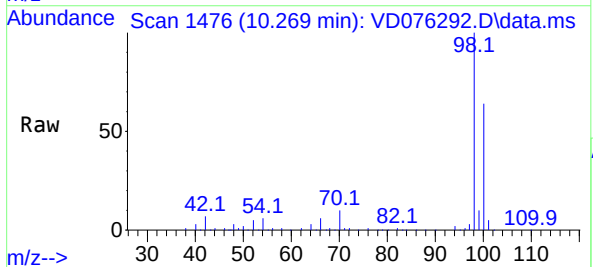


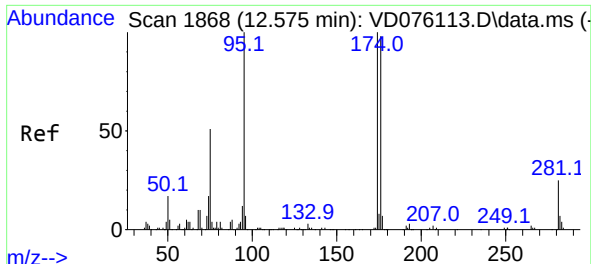
Tgt Ion:117 Resp: 18738
Ion Ratio Lower Upper
117 100
119 4.1 74.7 112.1#
121 0.0 25.9 38.9#



#50
Toluene-d8
Concen: 24.721 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076292.D
Acq: 31 May 2023 18:52

Tgt Ion: 98 Resp: 273993
Ion Ratio Lower Upper
98 100
100 63.2 52.1 78.1

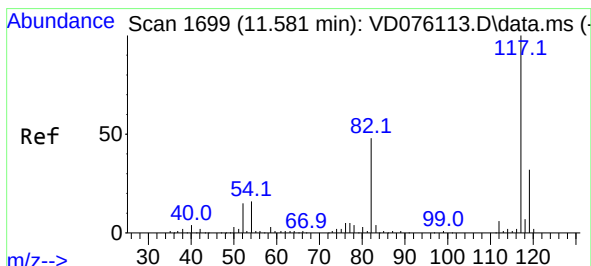
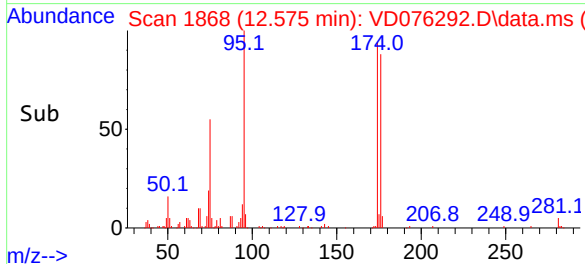
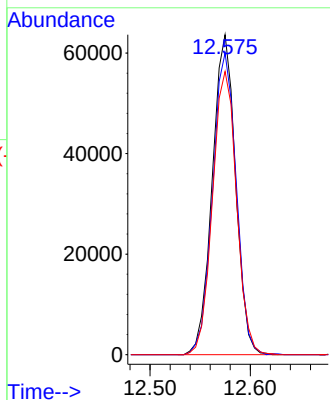
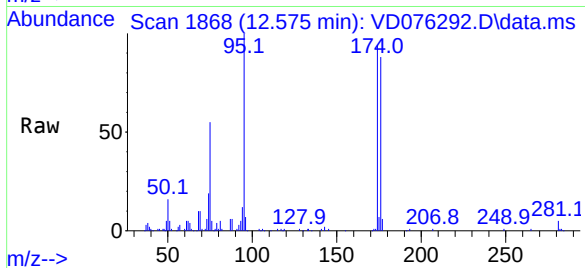




#62
4-Bromofluorobenzene
Concen: 33.298 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076292.D
Acq: 31 May 2023 18:52

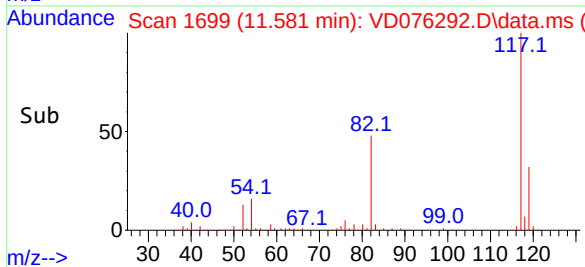
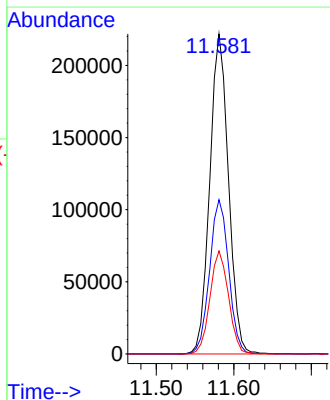
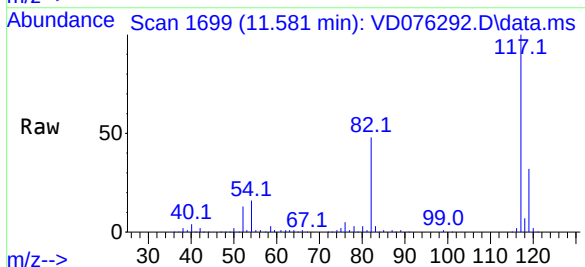
Instrument :
MSVOA_D
ClientSampleId :
EO-01-05302023

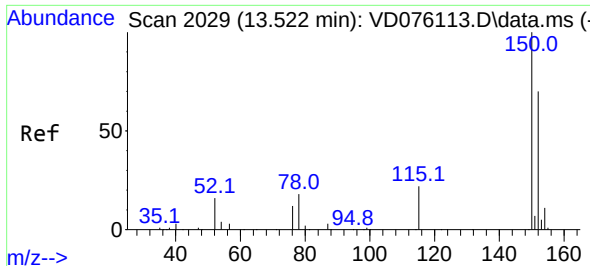
Tgt Ion: 95 Resp: 102516
Ion Ratio Lower Upper
95 100
174 95.9 0.0 164.0
176 91.1 0.0 156.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076292.D
Acq: 31 May 2023 18:52

Tgt Ion: 117 Resp: 372089
Ion Ratio Lower Upper
117 100
82 48.2 44.0 66.0
119 32.2 25.1 37.7

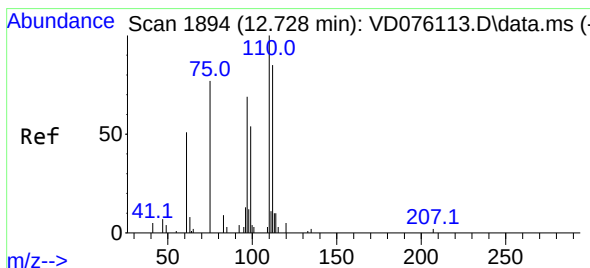
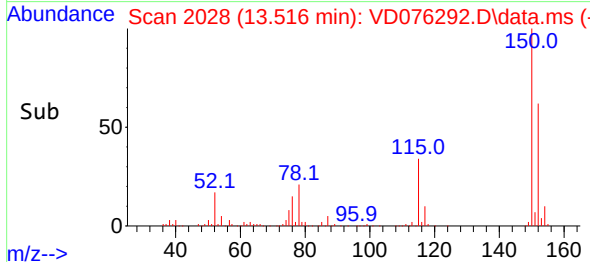
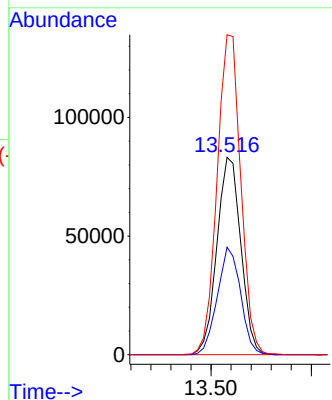
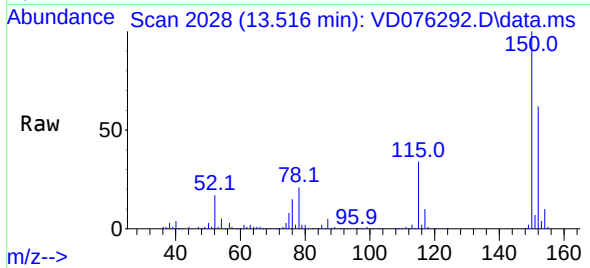




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2029
Delta R.T. -0.006 min
Lab File: VD076292.D
Acq: 31 May 2023 18:52

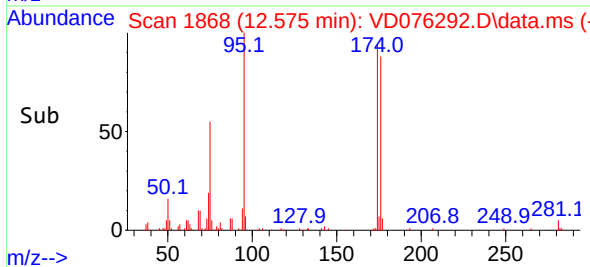
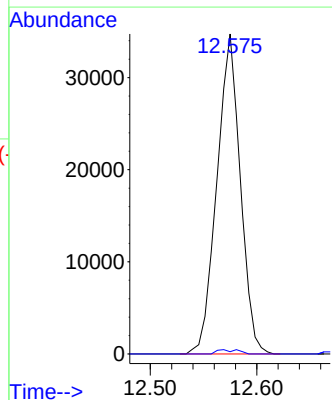
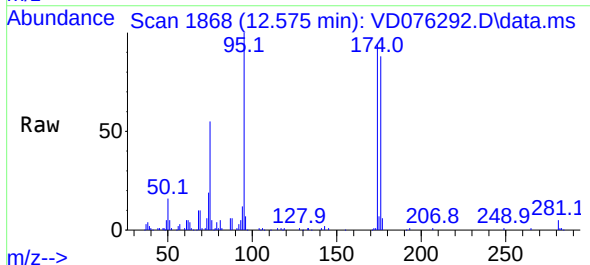
Instrument :
MSVOA_D
ClientSampleId :
EO-01-05302023

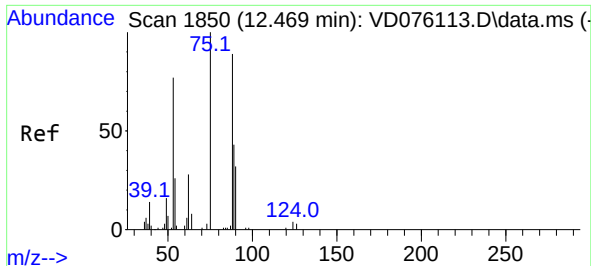
Tgt Ion:152 Resp: 137868
Ion Ratio Lower Upper
152 100
115 52.9 30.1 90.3
150 160.3 0.0 364.8



#76
1,2,3-Trichloropropane
Concen: 43.961 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD076292.D
Acq: 31 May 2023 18:52

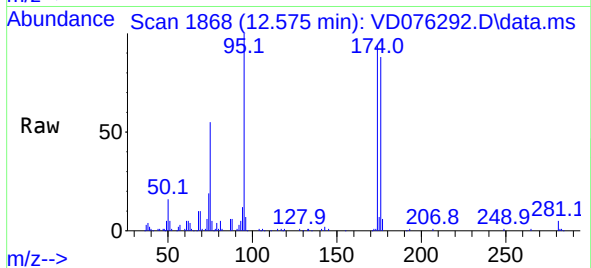
Tgt Ion: 75 Resp: 53037
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 92.222 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.100 min
Lab File: VD076292.D
Acq: 31 May 2023 18:52

Instrument :
MSVOA_D
ClientSampleId :
EO-01-05302023



Tgt Ion: 75 Resp: 53037
Ion Ratio Lower Upper
75 100
53 0.0 90.5 135.7#
89 0.0 40.2 60.4#

