

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082322\
 Data File : VD074209.D
 Acq On : 24 Aug 2022 04:24
 Operator : VA/SY
 Sample : N4215-05RE
 Misc : 6.96G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-3RE

Quant Time: Aug 24 06:28:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 23 13:12:17 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

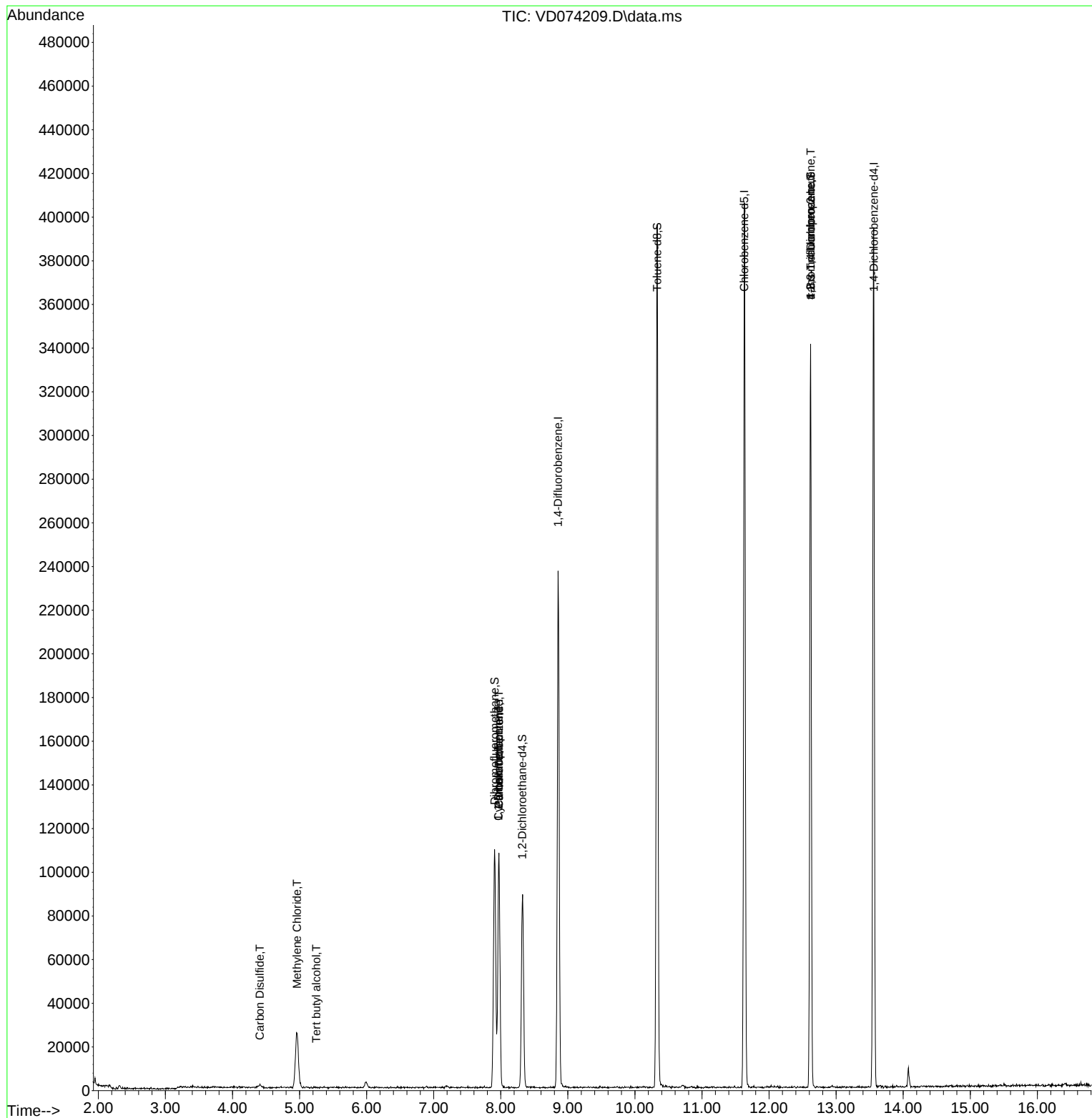
Internal Standards						
1) Pentafluorobenzene	7.973	168	75789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	196649	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	231537	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	108609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	73943	95.478	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 190.960%#	
35) Dibromofluoromethane	7.908	113	79676	60.574	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.140%	
50) Toluene-d8	10.332	98	266070	62.851	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 125.700%	
62) 4-Bromofluorobenzene	12.620	95	106032	63.401	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 126.800%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.250	59	121	2.509	ug/l #	74
17) Carbon Disulfide	4.408	76	2988	3.202	ug/l #	93
18) Methyl Acetate	4.956	43	56	Below Cal	#	55
20) Methylene Chloride	4.961	84	20140	17.622	ug/l #	84
31) Cyclohexane	7.967	56	2107	1.529	ug/l #	1
36) 1,1-Dichloropropene	7.967	75	6352	3.195	ug/l #	45
38) Carbon Tetrachloride	7.973	117	7946	3.721	ug/l #	18
76) 1,2,3-Trichloropropane	12.620	75	53277	50.238	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	53277	129.195	ug/l #	7

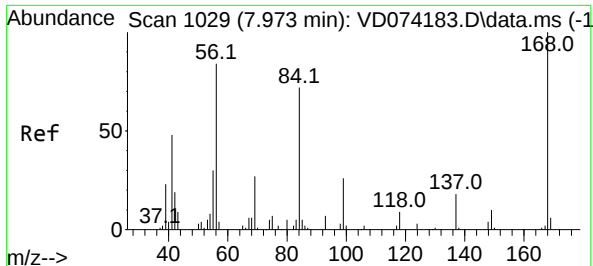
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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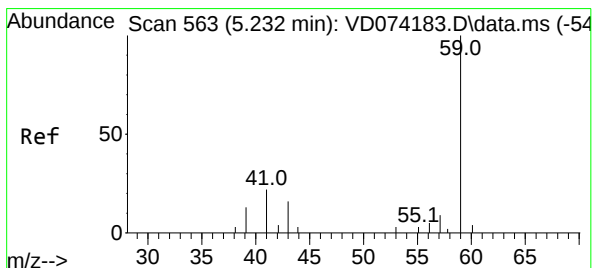
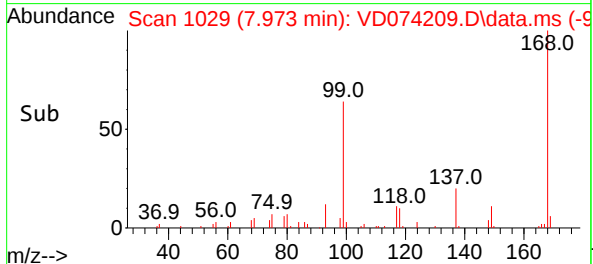
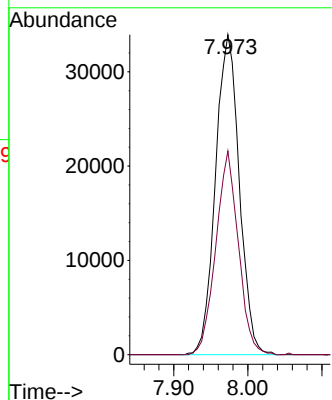
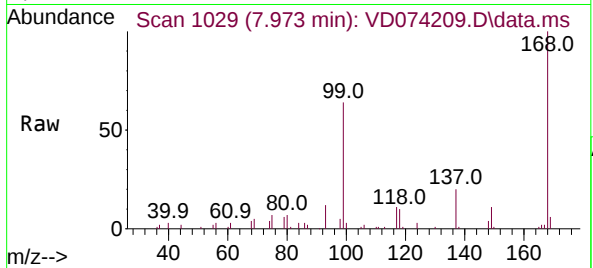




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074209.D
Acq: 24 Aug 2022 04:24

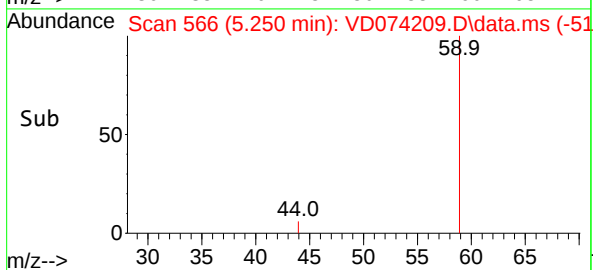
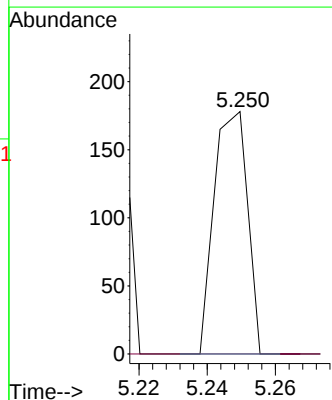
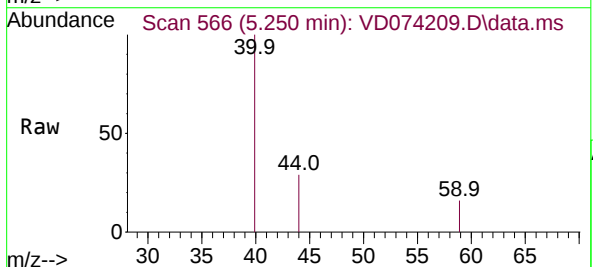
Instrument :
MSVOA_D
ClientSampleId :
WC-3RE

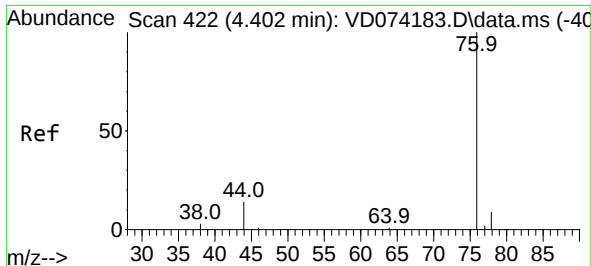
Tgt Ion:168 Resp: 75789
Ion Ratio Lower Upper
168 100
99 63.7 49.8 74.6



#11
Tert butyl alcohol
Concen: 2.509 ug/l
RT: 5.250 min Scan# 566
Delta R.T. 0.018 min
Lab File: VD074209.D
Acq: 24 Aug 2022 04:24

Tgt Ion: 59 Resp: 121
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

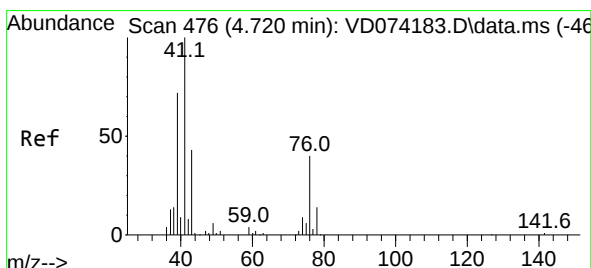
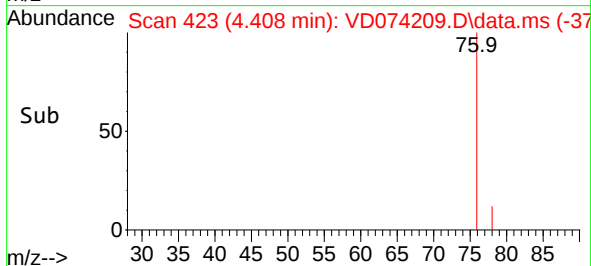
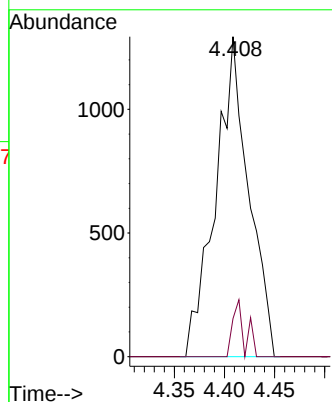
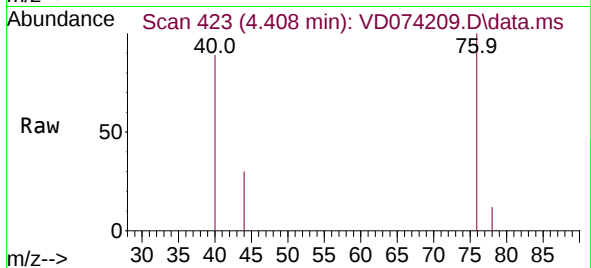




#17
Carbon Disulfide
Concen: 3.202 ug/l
RT: 4.408 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD074209.D
Acq: 24 Aug 2022 04:24

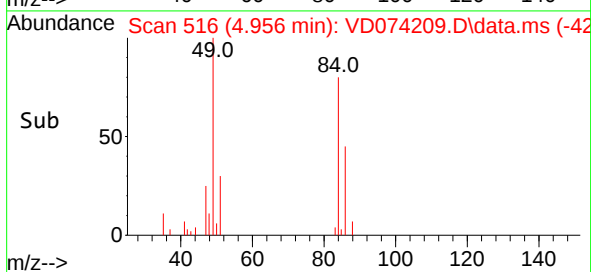
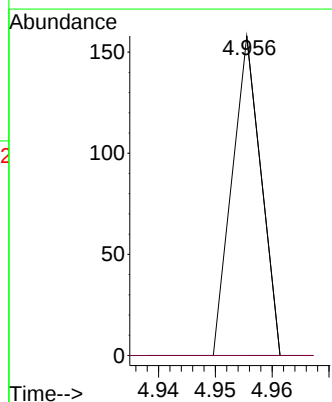
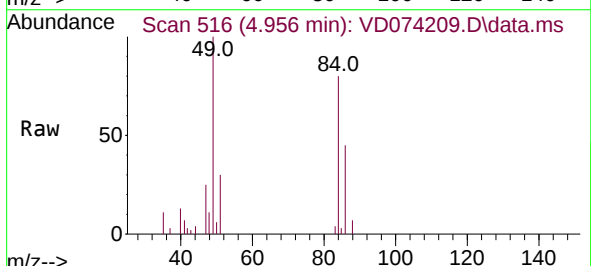
Instrument :
MSVOA_D
ClientSampleId :
WC-3RE

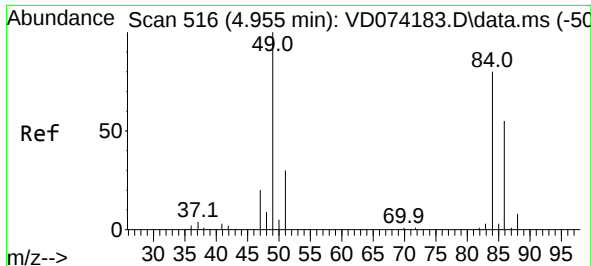
Tgt Ion: 76 Resp: 2988
Ion Ratio Lower Upper
76 100
78 11.9 7.5 11.3#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. 0.236 min
Lab File: VD074209.D
Acq: 24 Aug 2022 04:24

Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
74 0.0 16.7 25.1#

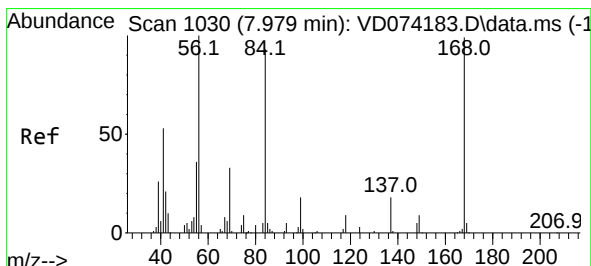
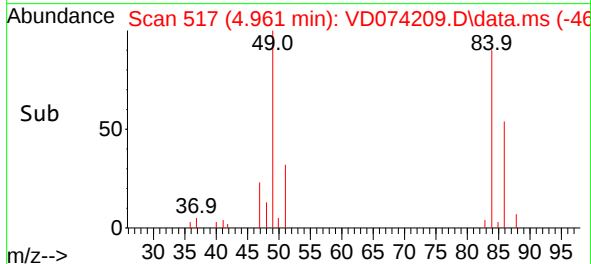
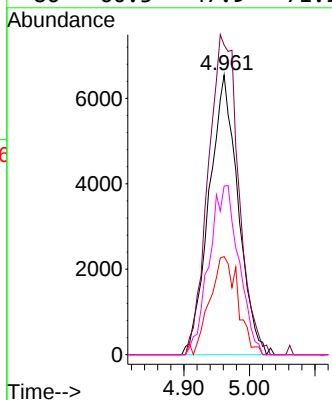
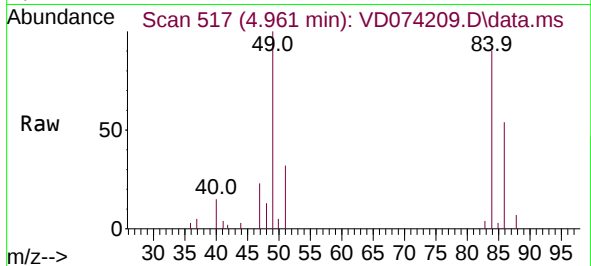




#20
Methylene Chloride
Concen: 17.622 ug/l
RT: 4.961 min Scan# 516
Delta R.T. 0.006 min
Lab File: VD074209.D
Acq: 24 Aug 2022 04:24

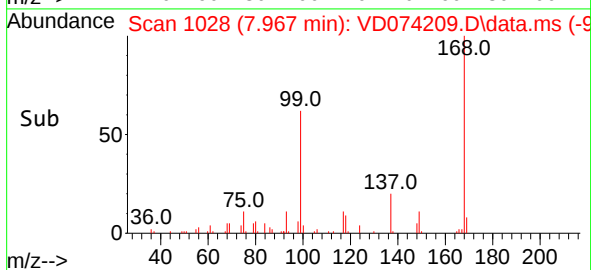
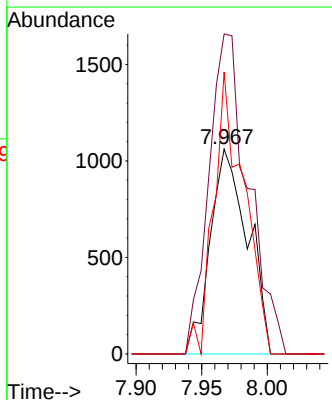
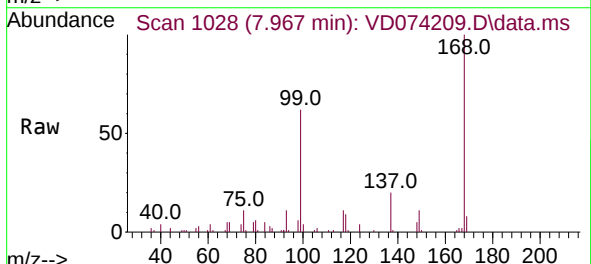
Instrument :
MSVOA_D
ClientSampleId :
WC-3RE

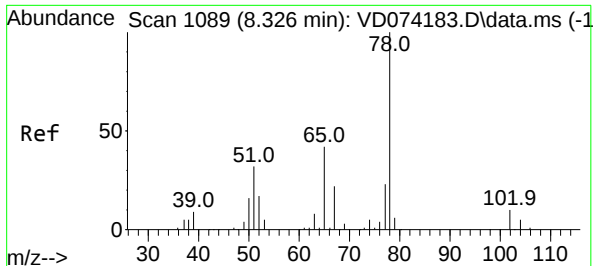
Tgt Ion: 84	Resp: 20140
Ion Ratio	Lower Upper
84 100	
49 110.7	112.8 169.2#
51 35.1	32.6 48.8
86 60.3	47.9 71.9



#31
Cyclohexane
Concen: 1.529 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD074209.D
Acq: 24 Aug 2022 04:24

Tgt Ion: 56	Resp: 2107
Ion Ratio	Lower Upper
56 100	
69 156.3	25.4 38.2#
84 137.7	63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 95.478 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD074209.D

Acq: 24 Aug 2022 04:24

Instrument :

MSVOA_D

ClientSampleId :

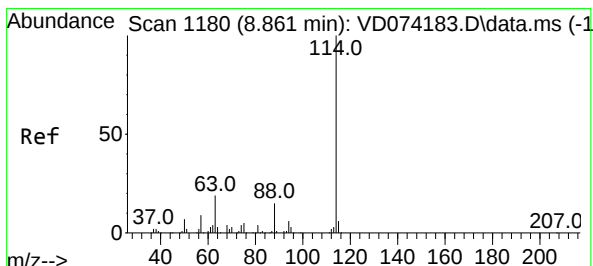
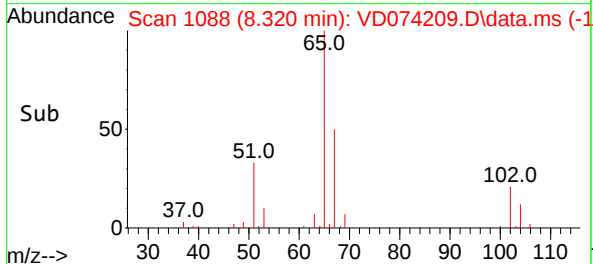
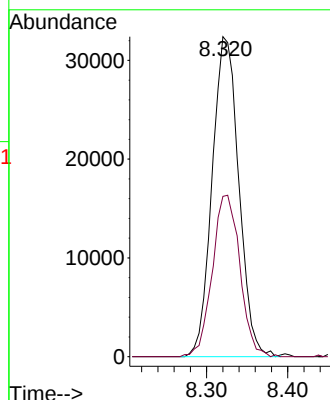
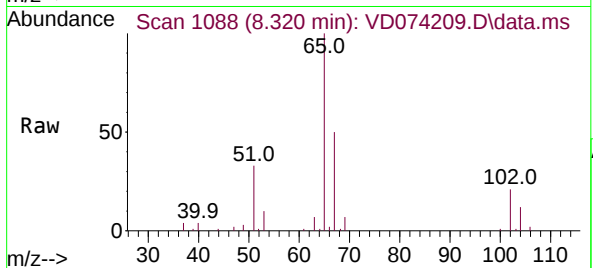
WC-3RE

Tgt Ion: 65 Resp: 73943

Ion Ratio Lower Upper

65 100

67 52.1 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074209.D

Acq: 24 Aug 2022 04:24

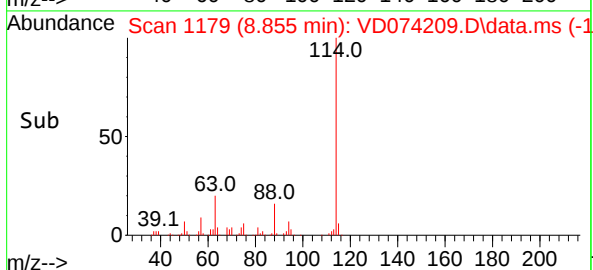
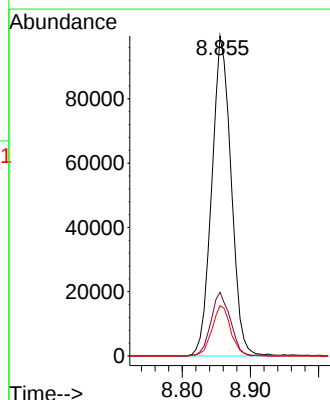
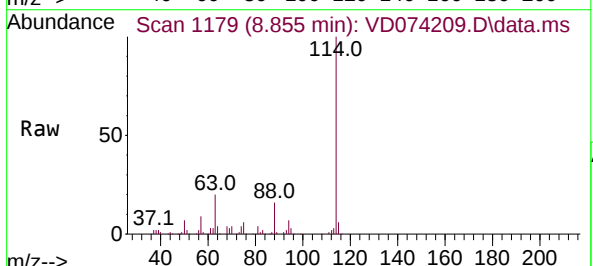
Tgt Ion: 114 Resp: 196649

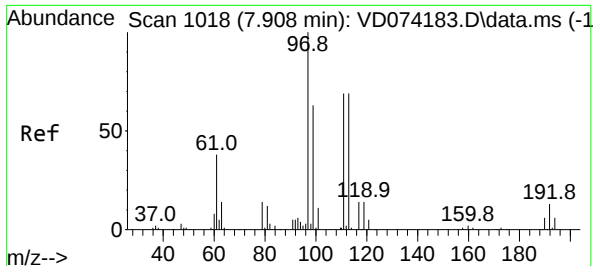
Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 60.574 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD074209.D

Acq: 24 Aug 2022 04:24

Instrument :

MSVOA_D

ClientSampleId :

WC-3RE

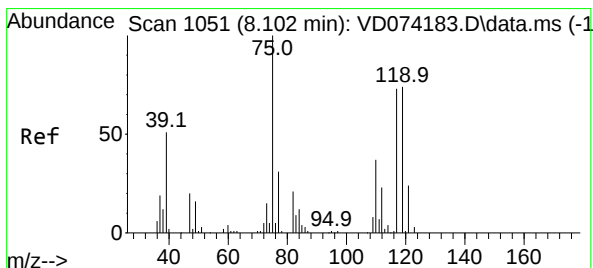
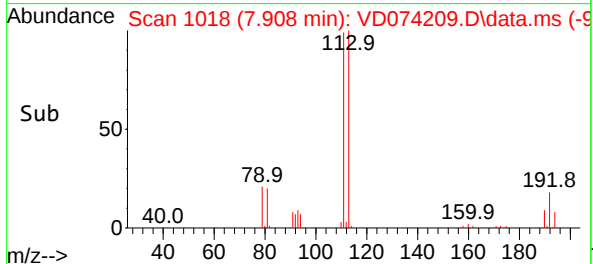
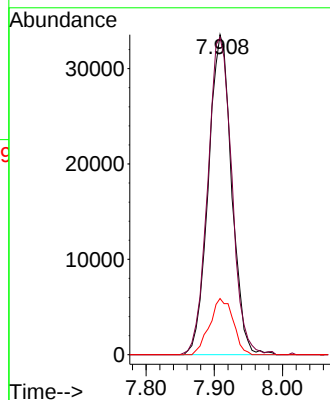
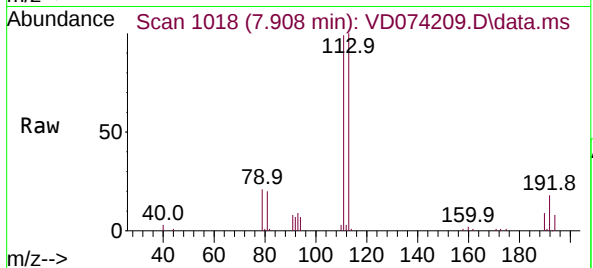
Tgt Ion:113 Resp: 79676

Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 17.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 3.195 ug/l

RT: 7.967 min Scan# 1028

Delta R.T. -0.135 min

Lab File: VD074209.D

Acq: 24 Aug 2022 04:24

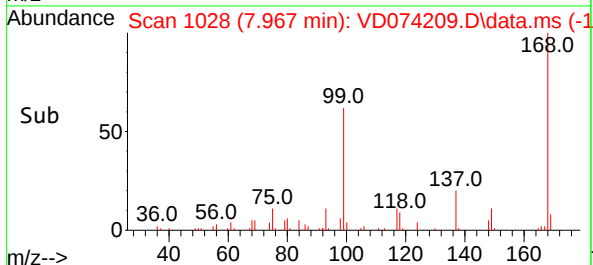
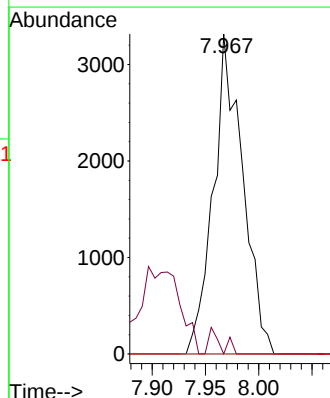
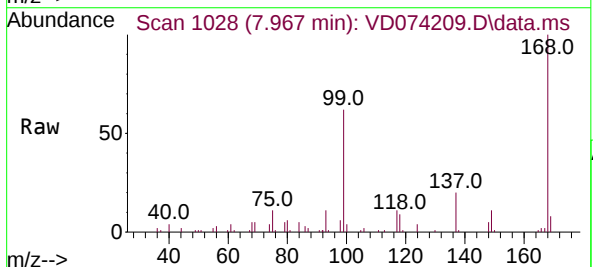
Tgt Ion: 75 Resp: 6352

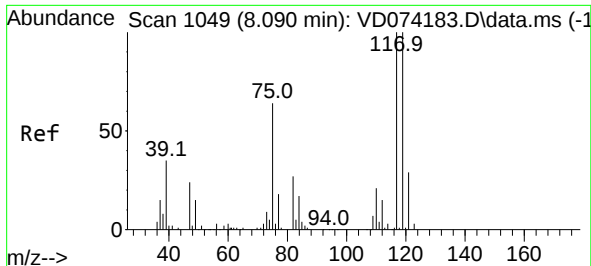
Ion Ratio Lower Upper

75 100

110 2.4 16.4 49.1#

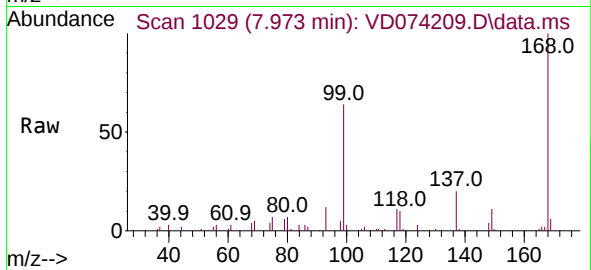
77 0.0 24.2 36.2#



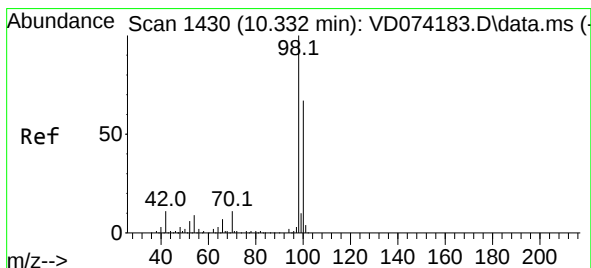
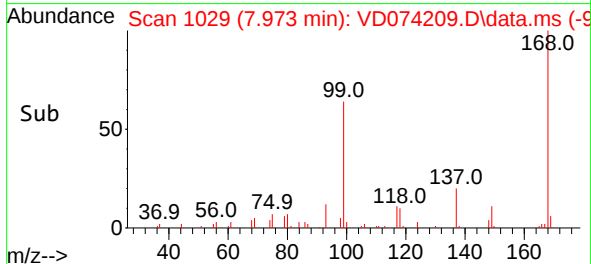
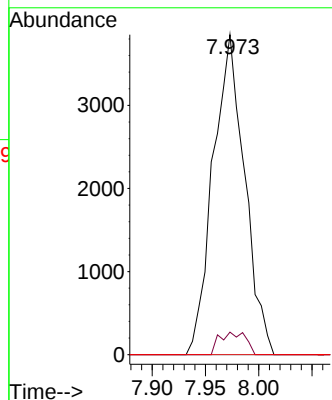


#38
Carbon Tetrachloride
Concen: 3.721 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.117 min
Lab File: VD074209.D
Acq: 24 Aug 2022 04:24

Instrument :
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WC-3RE

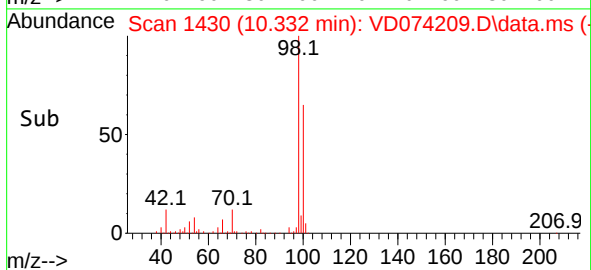
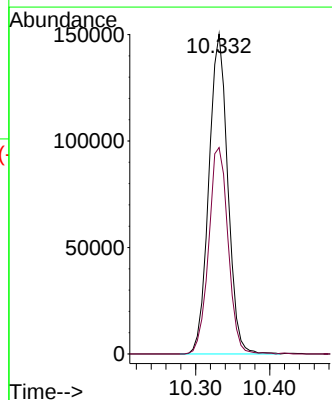
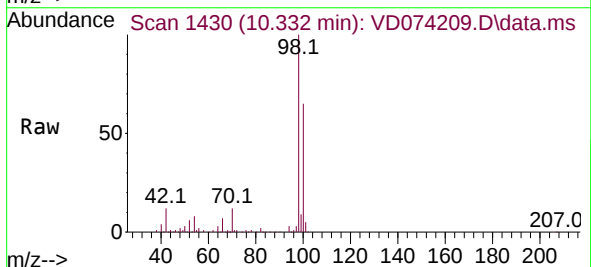


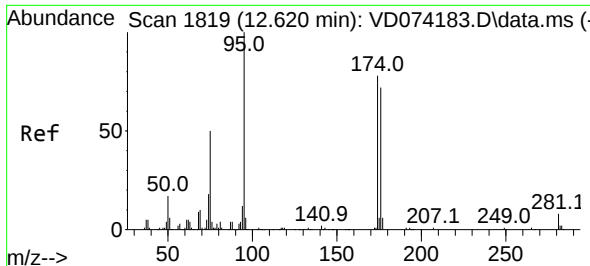
Tgt Ion:117 Resp: 7946
Ion Ratio Lower Upper
117 100
119 7.1 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 62.851 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD074209.D
Acq: 24 Aug 2022 04:24

Tgt Ion: 98 Resp: 266070
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6

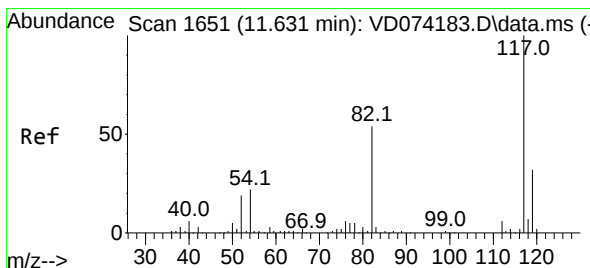
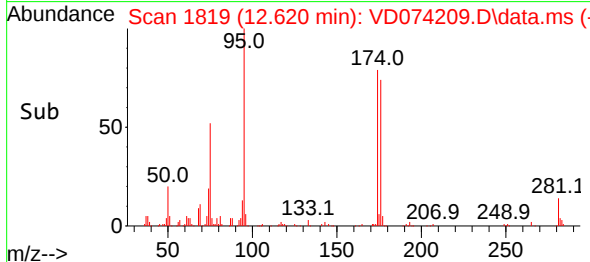
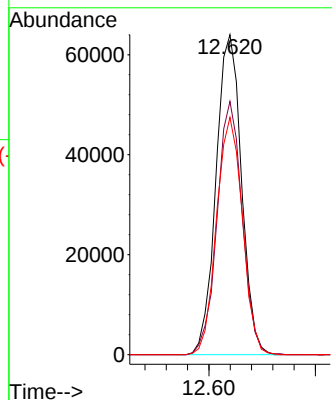
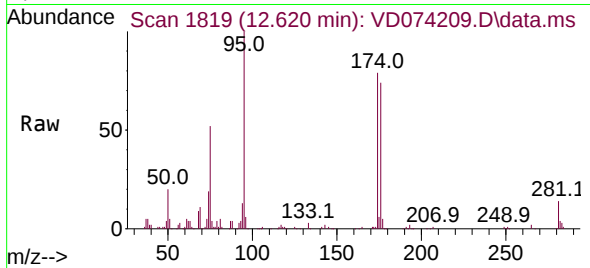




#62
4-Bromofluorobenzene
Concen: 63.401 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074209.D
Acq: 24 Aug 2022 04:24

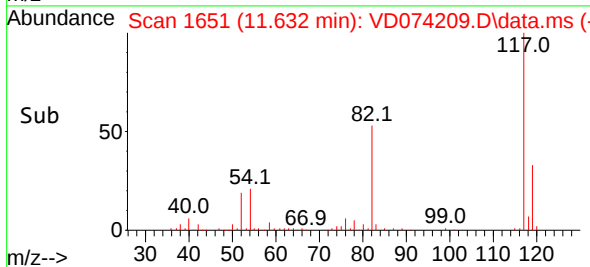
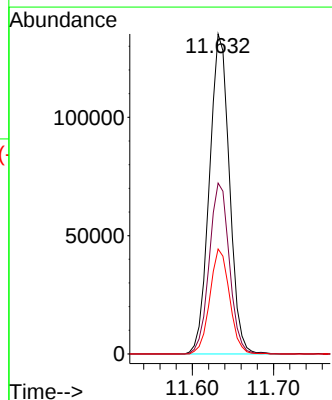
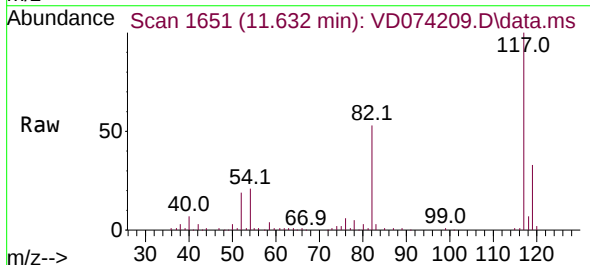
Instrument :
MSVOA_D
ClientSampleId :
WC-3RE

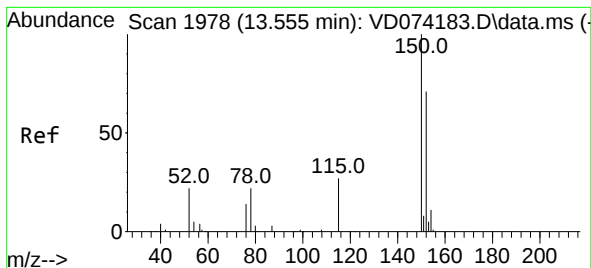
Tgt Ion: 95 Resp: 106032
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.8
176 75.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. 0.001 min
Lab File: VD074209.D
Acq: 24 Aug 2022 04:24

Tgt Ion: 117 Resp: 231537
Ion Ratio Lower Upper
117 100
82 53.4 45.3 67.9
119 32.8 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1978

Delta R.T. 0.006 min

Lab File: VD074209.D

Acq: 24 Aug 2022 04:24

Instrument :

MSVOA_D

ClientSampleId :

WC-3RE

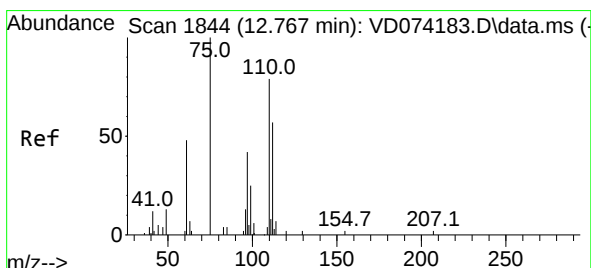
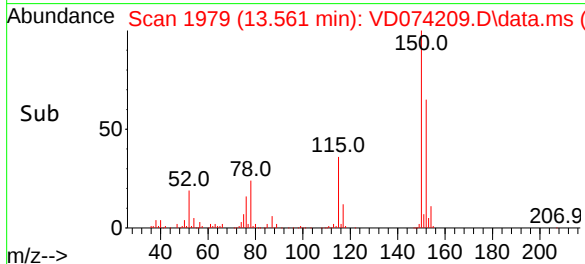
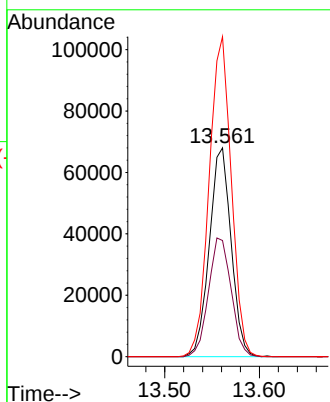
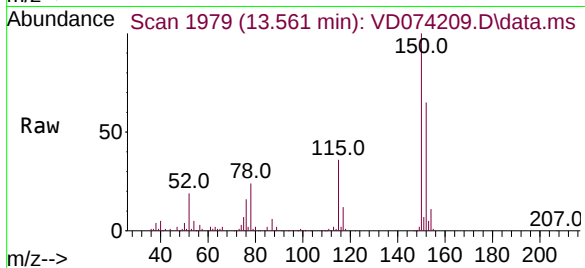
Tgt Ion:152 Resp: 108609

Ion Ratio Lower Upper

152 100

115 58.9 31.3 93.8

150 155.5 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 50.238 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD074209.D

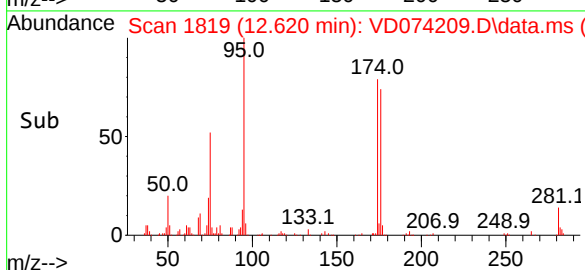
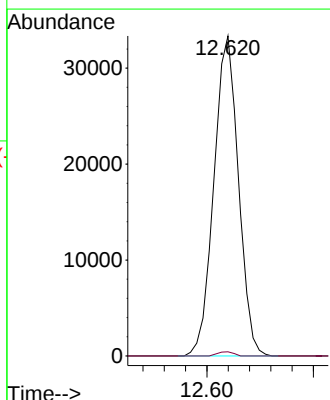
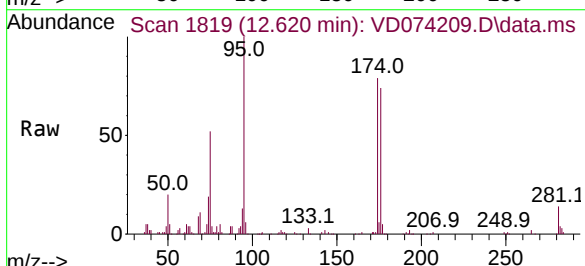
Acq: 24 Aug 2022 04:24

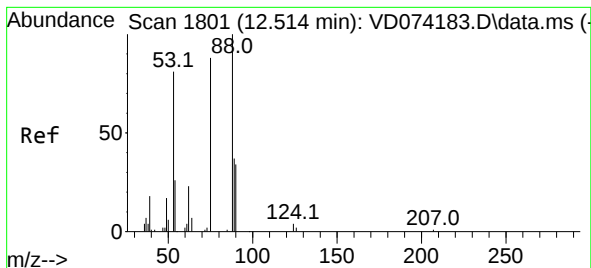
Tgt Ion: 75 Resp: 53277

Ion Ratio Lower Upper

75 100

77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 129.195 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD074209.D
 Acq: 24 Aug 2022 04:24

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-3RE

Tgt Ion: 75 Resp: 53277
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#

