

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060122\
 Data File : VD073457.D
 Acq On : 01 Jun 2022 19:41
 Operator : VA/SY
 Sample : N3108-03
 Misc : 5.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 NP-3

Quant Time: Jun 02 08:53:27 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

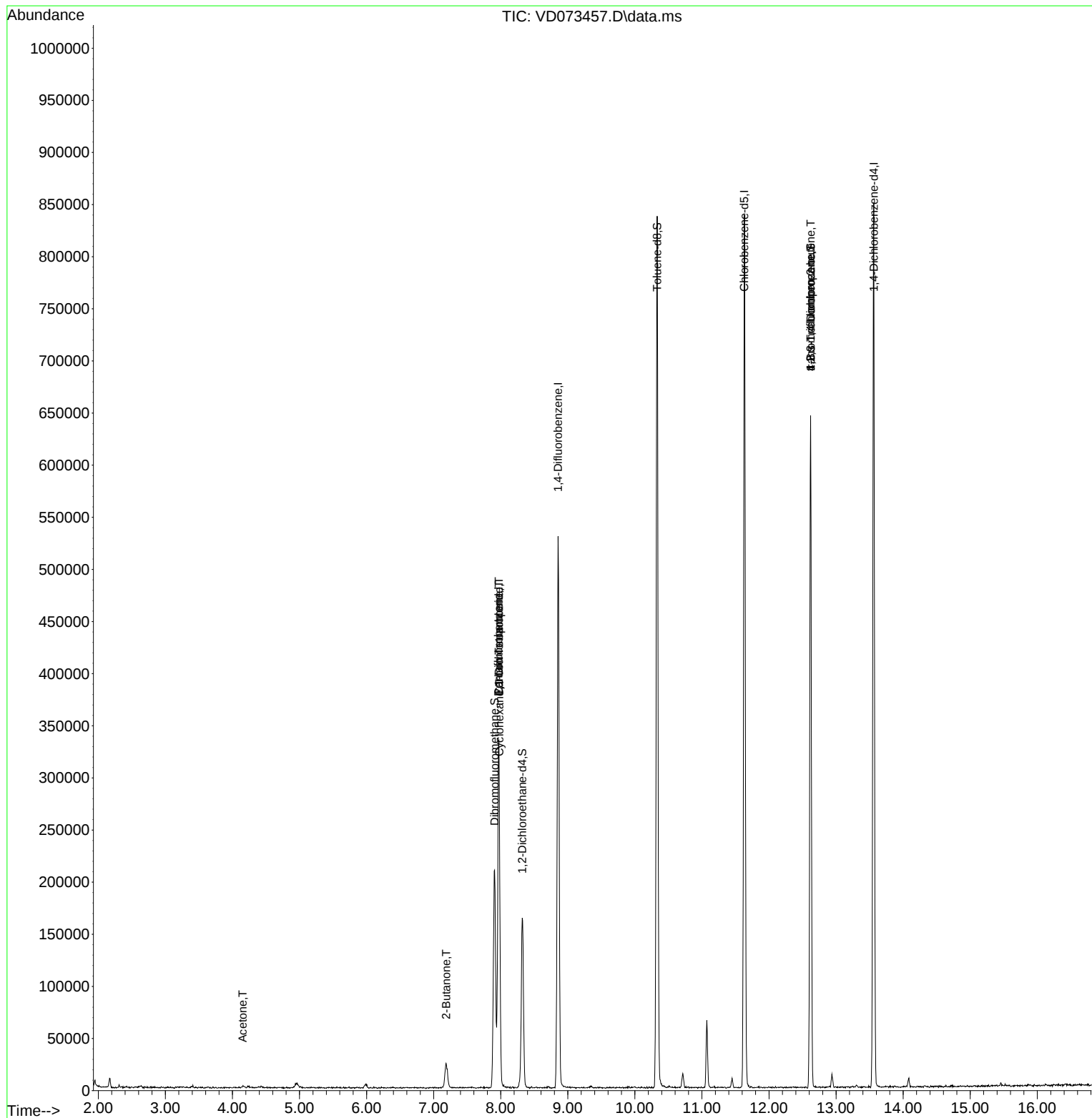
Internal Standards						
1) Pentafluorobenzene	7.967	168	239721	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	447057	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	492457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	232325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	129415	48.850	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	97.700%
35) Dibromofluoromethane	7.909	113	151876	51.484	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.960%
50) Toluene-d8	10.332	98	560905	51.581	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.160%
62) 4-Bromofluorobenzene	12.620	95	211206	55.344	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.680%
Target Compounds						
					Qvalue	
5) Bromomethane	2.762	94	353	Below Cal	#	1
16) Acetone	4.150	43	1273	2.774	ug/l	94
20) Methylene Chloride	4.950	84	1845	Below Cal	#	72
25) 2-Butanone	7.185	43	1138	1.695	ug/l	# 52
31) Cyclohexane	7.979	56	5417	1.170	ug/l	# 1
36) 1,1-Dichloropropene	7.973	75	18543	4.179	ug/l	# 53
38) Carbon Tetrachloride	7.973	117	24611	5.472	ug/l	# 18
76) 1,2,3-Trichloropropane	12.620	75	105753	46.393	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.620	75	105753	111.375	ug/l	# 7

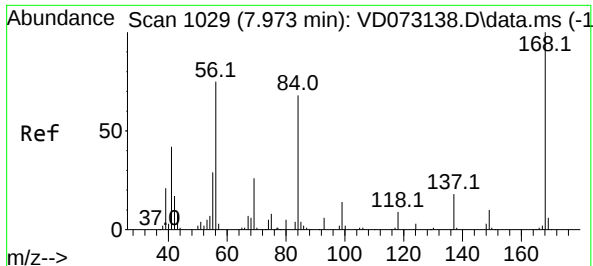
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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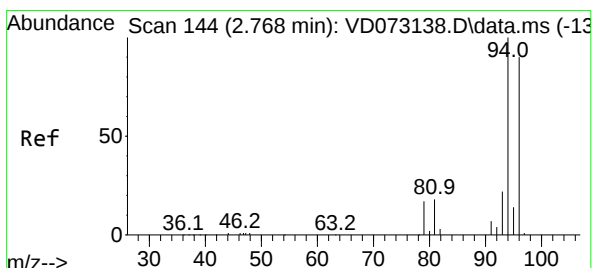
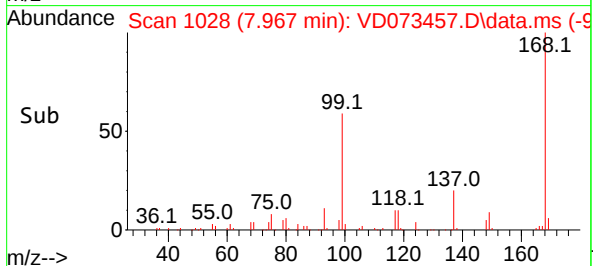
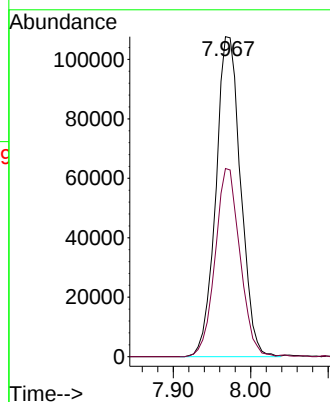
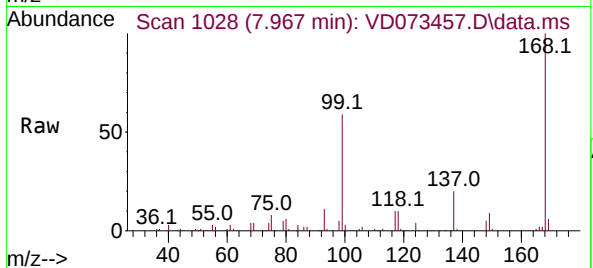




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD073457.D
Acq: 01 Jun 2022 19:41

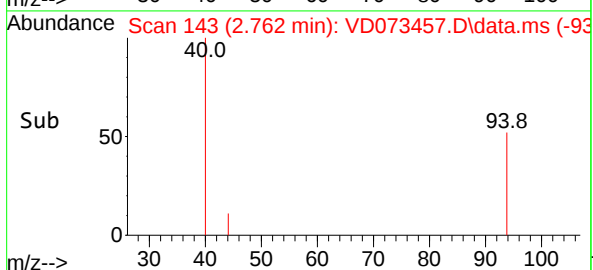
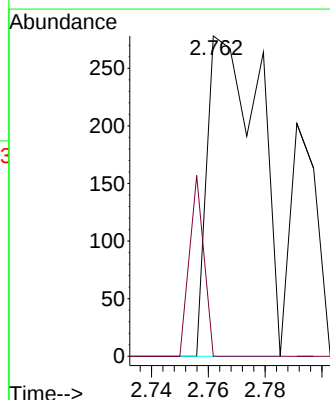
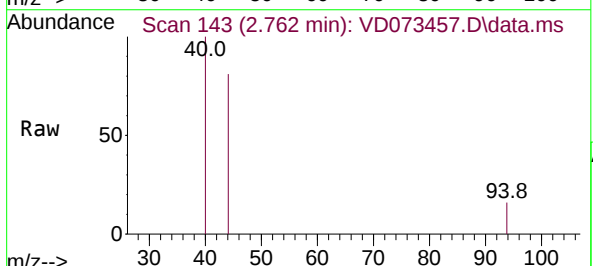
Instrument :
MSVOA_D
ClientSampleId :
NP-3

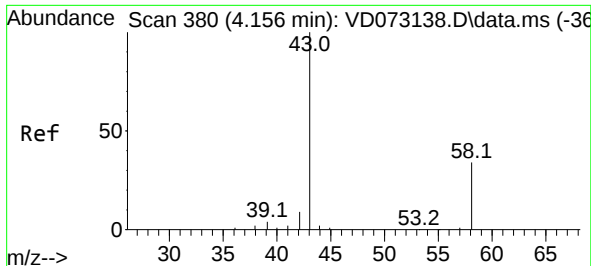
Tgt Ion:168 Resp: 239721
Ion Ratio Lower Upper
168 100
99 58.8 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.762 min Scan# 143
Delta R.T. -0.006 min
Lab File: VD073457.D
Acq: 01 Jun 2022 19:41

Tgt Ion: 94 Resp: 353
Ion Ratio Lower Upper
94 100
96 0.0 77.6 116.4#

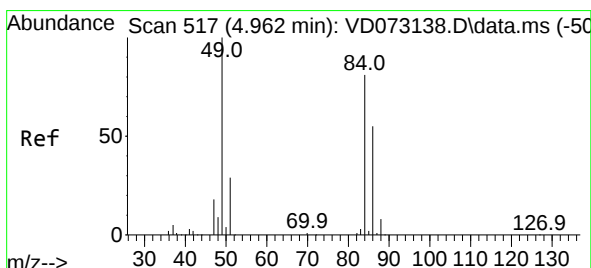
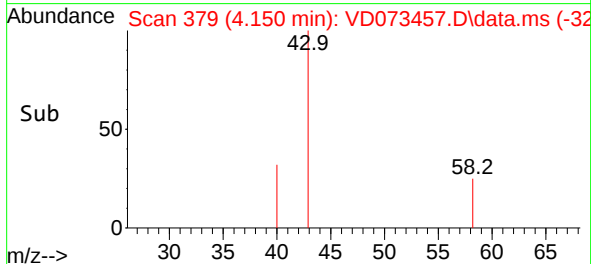
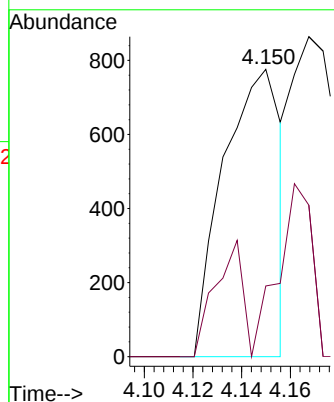
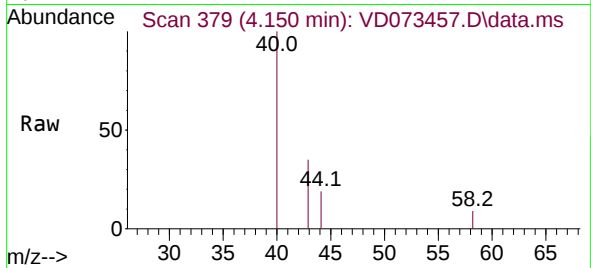




#16
Acetone
Concen: 2.774 ug/l
RT: 4.150 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD073457.D
Acq: 01 Jun 2022 19:41

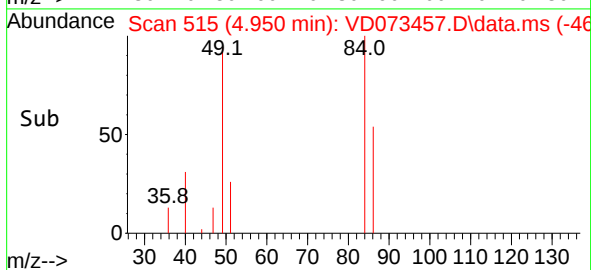
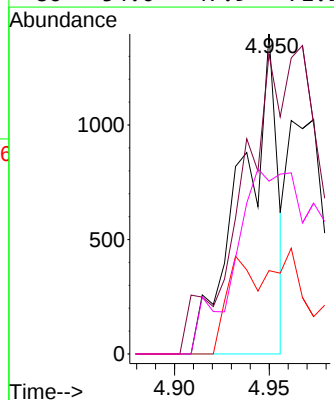
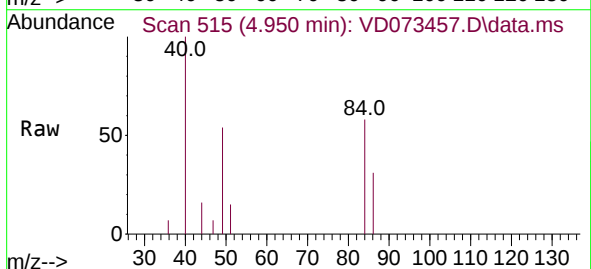
Instrument :
MSVOA_D
ClientSampleId :
NP-3

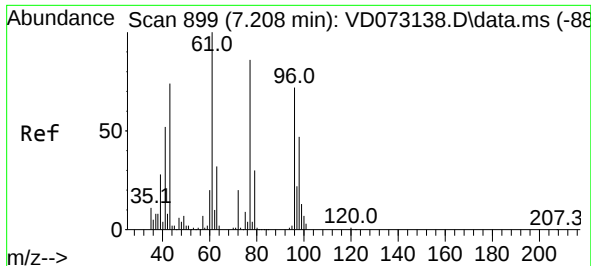
Tgt Ion: 43 Resp: 1273
Ion Ratio Lower Upper
43 100
58 24.6 22.1 33.1



#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.012 min
Lab File: VD073457.D
Acq: 01 Jun 2022 19:41

Tgt Ion: 84 Resp: 1845
Ion Ratio Lower Upper
84 100
49 93.7 112.8 169.2#
51 26.0 32.6 48.8#
86 54.0 47.9 71.9

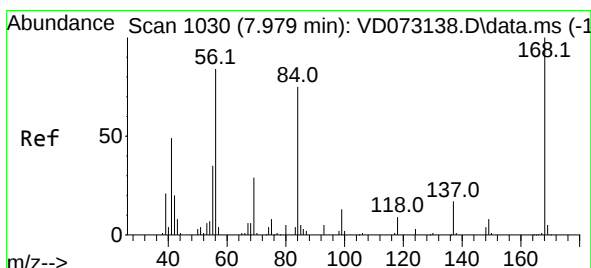
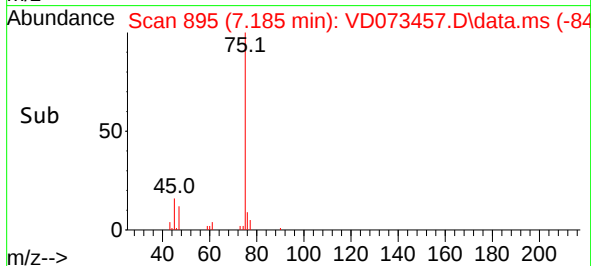
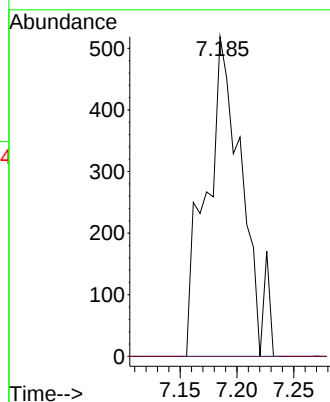
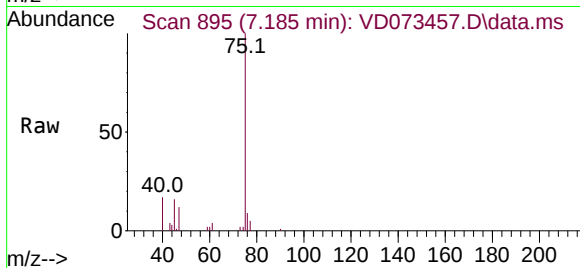




#25
2-Butanone
Concen: 1.695 ug/l
RT: 7.185 min Scan# 899
Delta R.T. -0.023 min
Lab File: VD073457.D
Acq: 01 Jun 2022 19:41

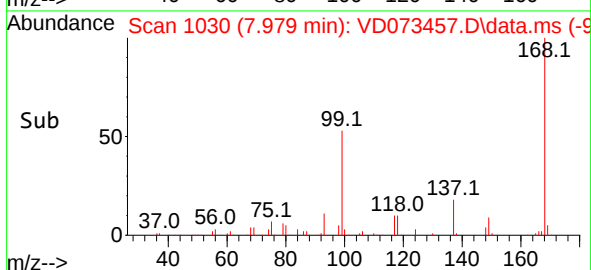
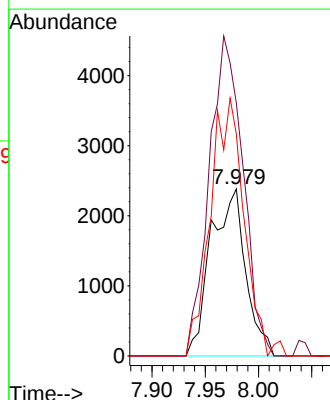
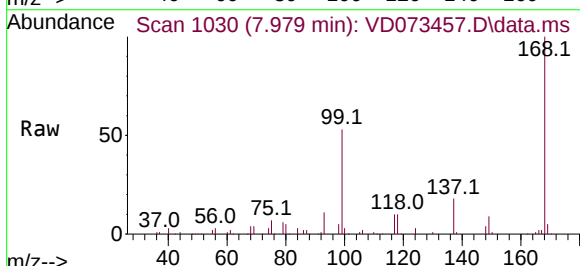
Instrument :
MSVOA_D
ClientSampleId :
NP-3

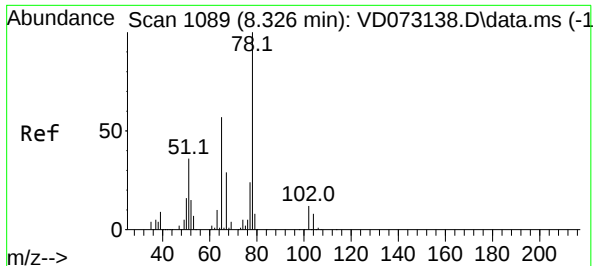
Tgt Ion: 43 Resp: 1138
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.170 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD073457.D
Acq: 01 Jun 2022 19:41

Tgt Ion: 56 Resp: 5417
Ion Ratio Lower Upper
56 100
69 151.3 25.4 38.2#
84 132.8 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 48.850 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073457.D

Acq: 01 Jun 2022 19:41

Instrument :

MSVOA_D

ClientSampleId :

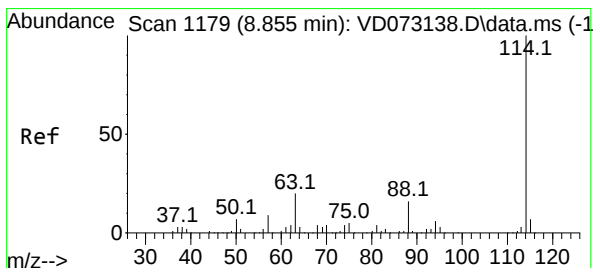
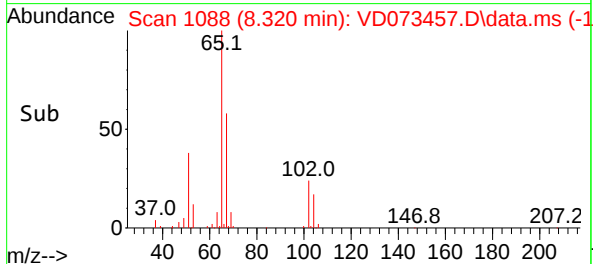
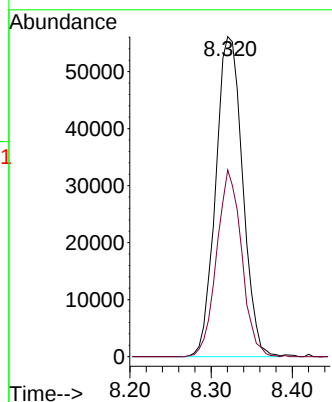
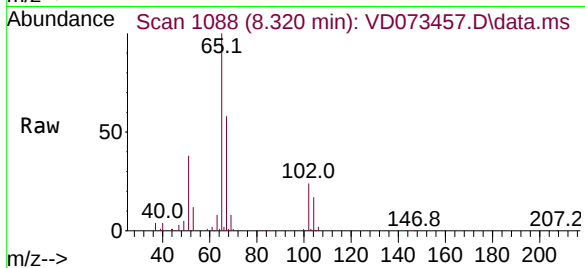
NP-3

Tgt Ion: 65 Resp: 129415

Ion Ratio Lower Upper

65 100

67 54.2 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.001 min

Lab File: VD073457.D

Acq: 01 Jun 2022 19:41

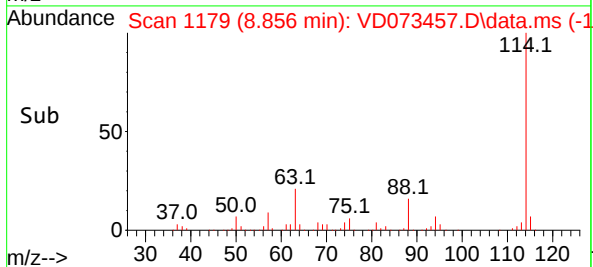
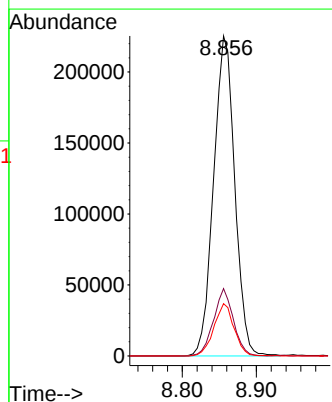
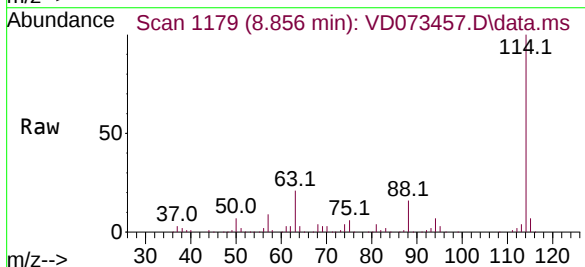
Tgt Ion: 114 Resp: 447057

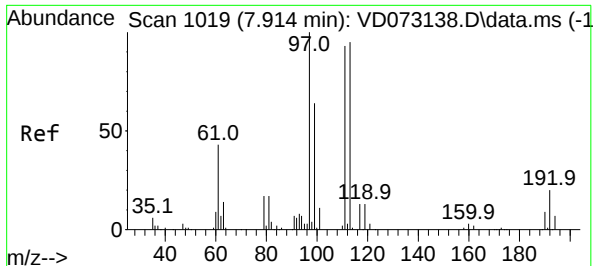
Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

88 16.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.484 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073457.D

Acq: 01 Jun 2022 19:41

Instrument :

MSVOA_D

ClientSampleId :

NP-3

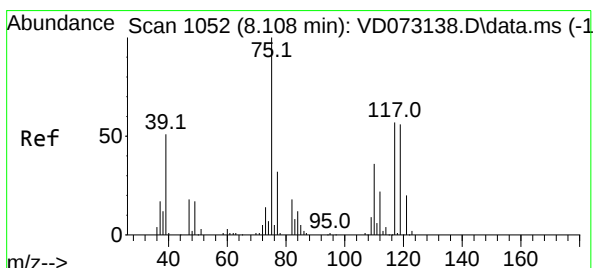
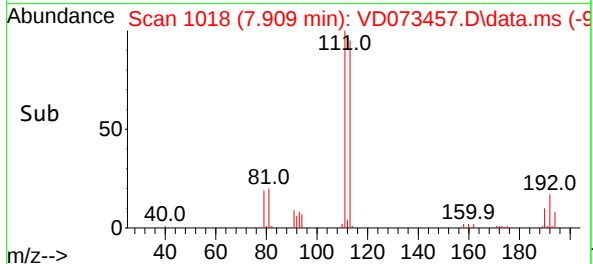
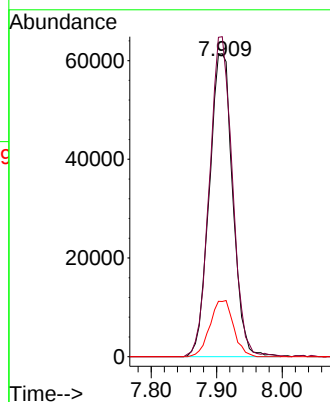
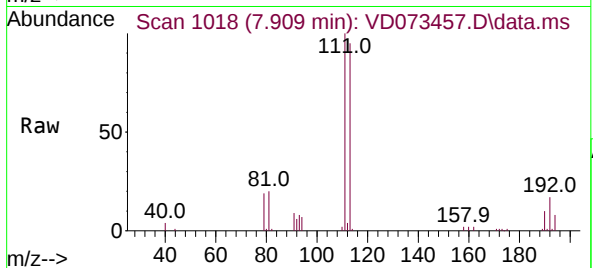
Tgt Ion:113 Resp: 151876

Ion Ratio Lower Upper

113 100

111 103.8 83.8 125.6

192 18.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.179 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073457.D

Acq: 01 Jun 2022 19:41

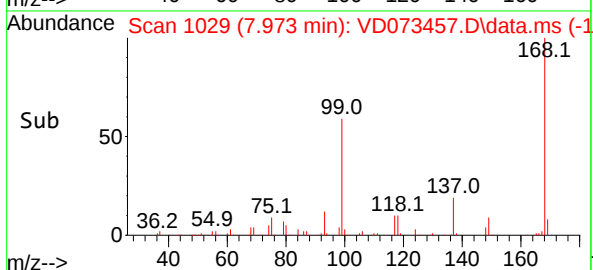
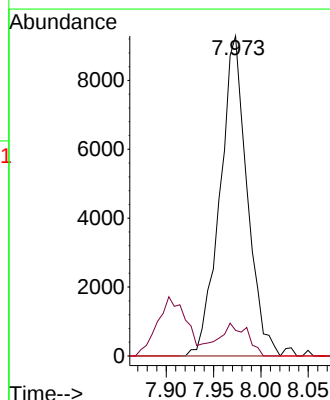
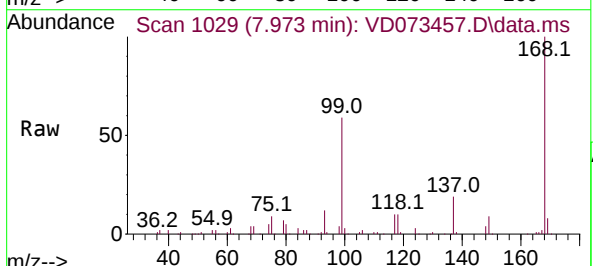
Tgt Ion: 75 Resp: 18543

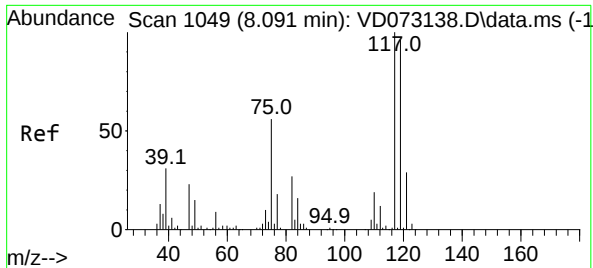
Ion Ratio Lower Upper

75 100

110 10.9 16.4 49.1#

77 0.0 24.2 36.2#

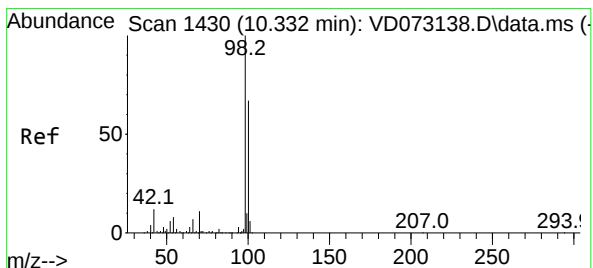
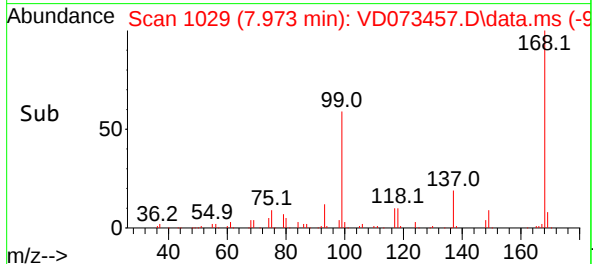
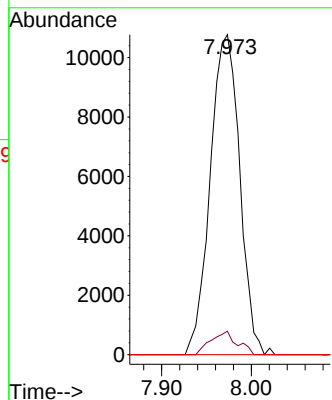
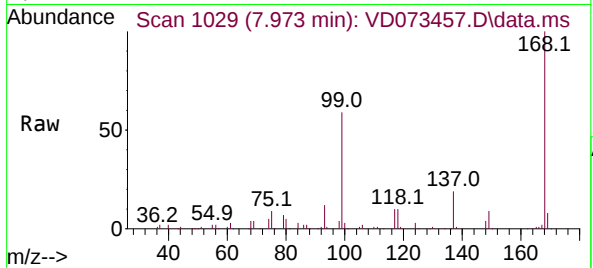




#38
Carbon Tetrachloride
Concen: 5.472 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073457.D
Acq: 01 Jun 2022 19:41

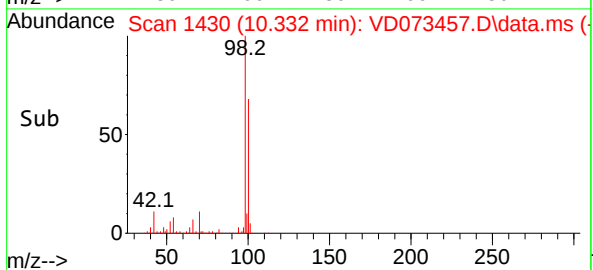
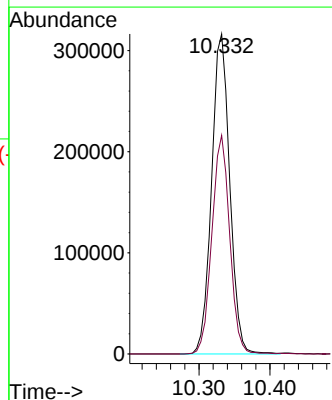
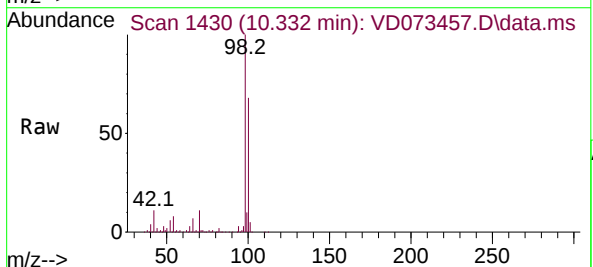
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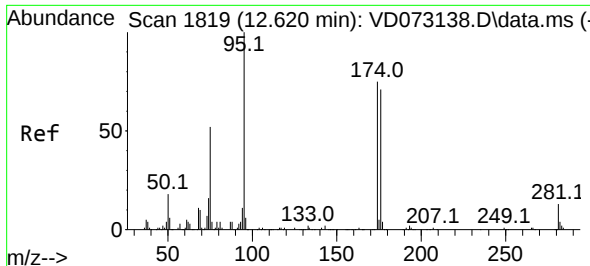
Tgt Ion:117 Resp: 24611
Ion Ratio Lower Upper
117 100
119 7.3 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 51.581 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073457.D
Acq: 01 Jun 2022 19:41

Tgt Ion: 98 Resp: 560905
Ion Ratio Lower Upper
98 100
100 67.0 52.4 78.6

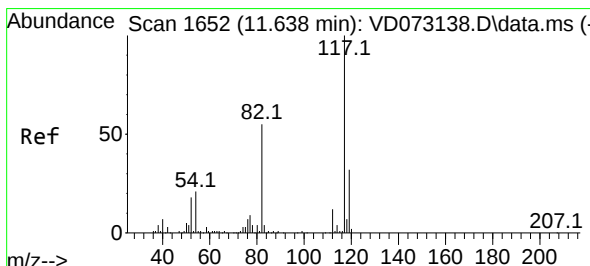
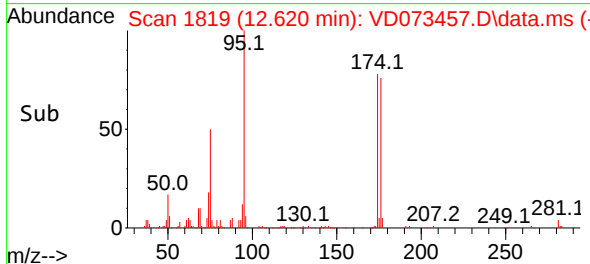
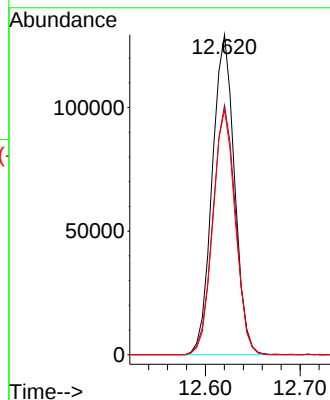
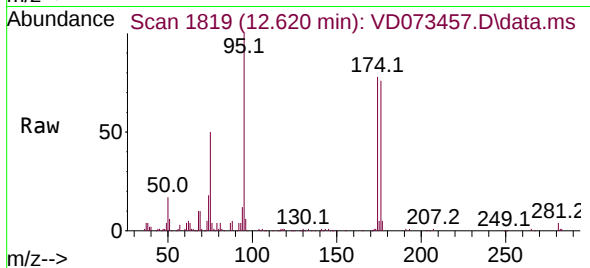




#62
4-Bromofluorobenzene
Concen: 55.344 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073457.D
Acq: 01 Jun 2022 19:41

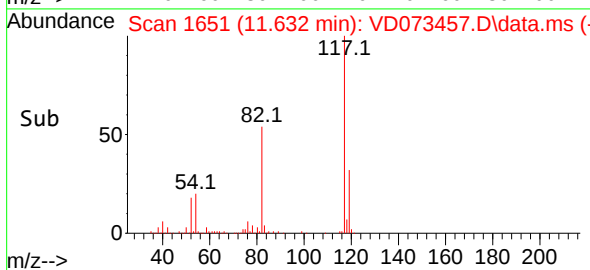
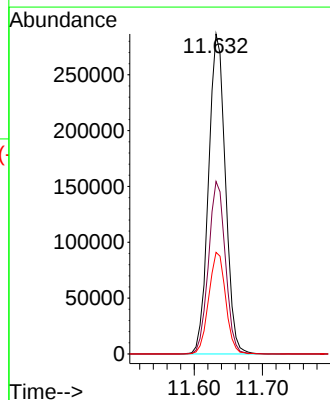
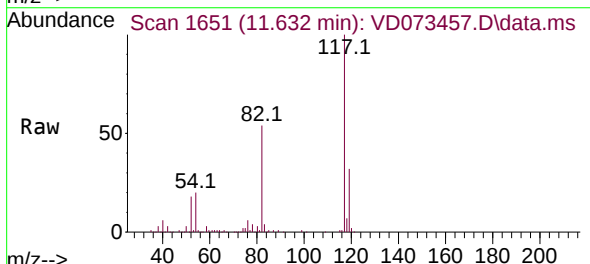
Instrument :
MSVOA_D
ClientSampleId :
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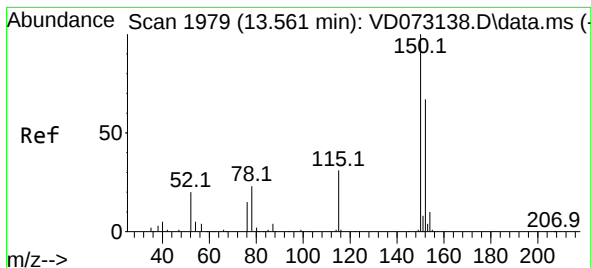
Tgt Ion: 95 Resp: 211206
Ion Ratio Lower Upper
95 100
174 79.6 0.0 152.8
176 77.1 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073457.D
Acq: 01 Jun 2022 19:41

Tgt Ion: 117 Resp: 492457
Ion Ratio Lower Upper
117 100
82 53.9 45.3 67.9
119 31.8 26.6 40.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VD073457.D

Acq: 01 Jun 2022 19:41

Instrument :

MSVOA_D

ClientSampleId :

NP-3

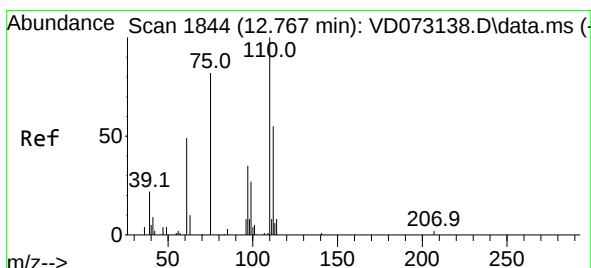
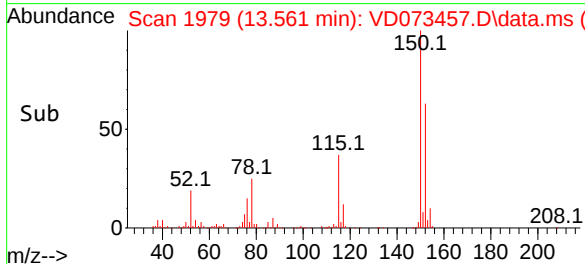
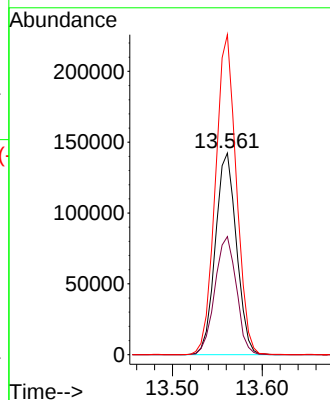
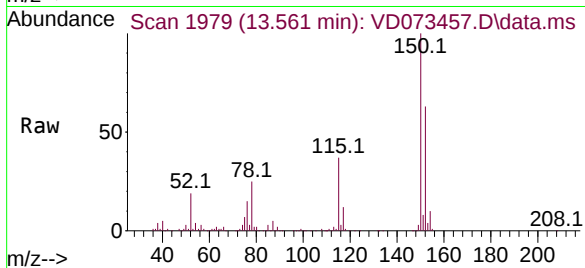
Tgt Ion:152 Resp: 232325

Ion Ratio Lower Upper

152 100

115 59.7 31.3 93.8

150 157.1 0.0 348.6



#76

1,2,3-Trichloropropane

Concen: 46.393 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. -0.147 min

Lab File: VD073457.D

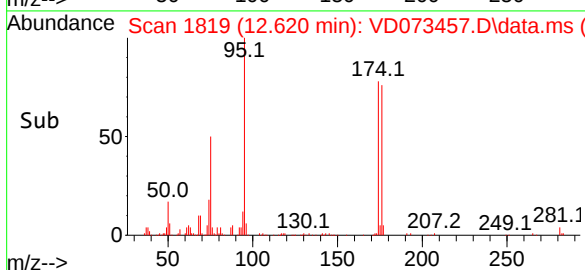
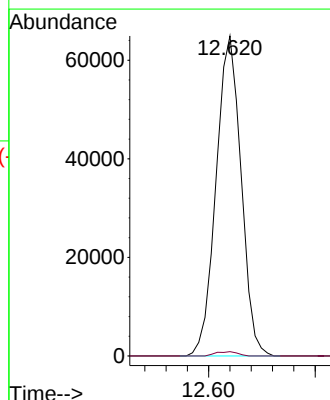
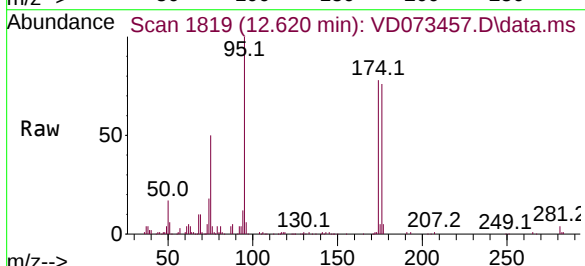
Acq: 01 Jun 2022 19:41

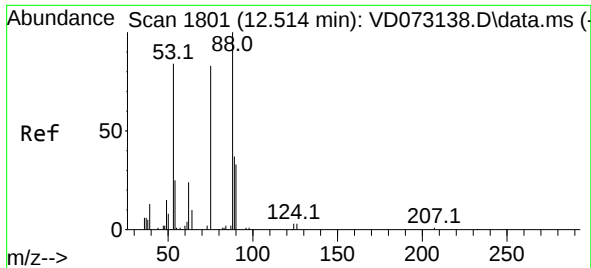
Tgt Ion: 75 Resp: 105753

Ion Ratio Lower Upper

75 100

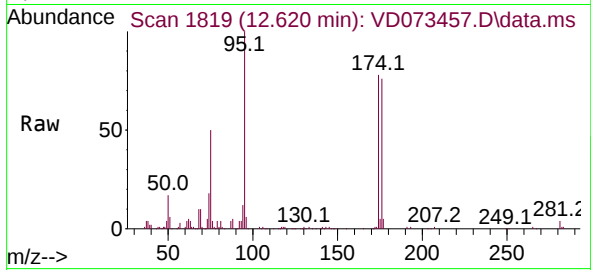
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 111.375 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD073457.D
 Acq: 01 Jun 2022 19:41

Instrument :
 MSVOA_D
 ClientSampleId :
 NP-3



Tgt Ion: 75 Resp: 105753
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.1 33.9 50.9#

