

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072022\
 Data File : VD073883.D
 Acq On : 20 Jul 2022 17:03
 Operator : VA/SY
 Sample : N3730-05RE
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-6.5-7.0

Quant Time: Jul 21 01:11:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 20 15:29:08 2022
 Response via : Initial Calibration

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

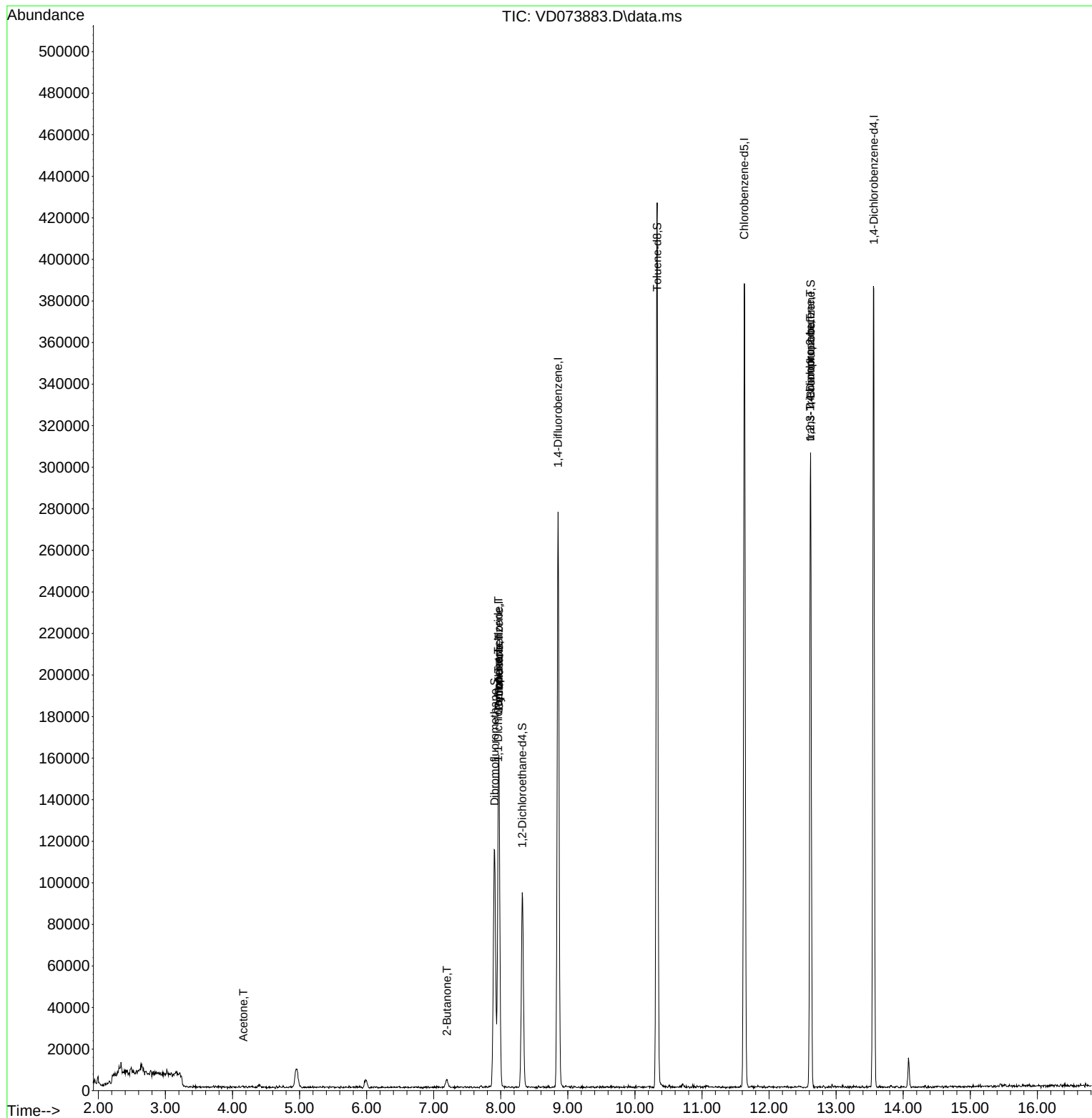
Internal Standards						
1) Pentafluorobenzene	7.973	168	112887	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	231156	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	221664	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	98926	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	72618	53.871	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163		Recovery	= 107.740%	
35) Dibromofluoromethane	7.908	113	82475	50.575	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147		Recovery	= 101.140%	
50) Toluene-d8	10.332	98	287741	48.605	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140		Recovery	= 97.200%	
62) 4-Bromofluorobenzene	12.620	95	97872	48.084	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144		Recovery	= 96.160%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	1018	Below Cal	#	52
16) Acetone	4.162	43	795	3.594	ug/l #	47
20) Methylene Chloride	4.962	84	7562	Below Cal	#	78
25) 2-Butanone	7.197	43	566	1.803	ug/l #	52
31) Cyclohexane	7.973	56	2864	1.337	ug/l #	1
36) 1,1-Dichloropropene	7.961	75	9619	4.089	ug/l #	47
38) Carbon Tetrachloride	7.967	117	12399	4.615	ug/l #	18
76) 1,2,3-Trichloropropane	12.614	75	53728	50.618	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.614	75	53728	136.590	ug/l #	7

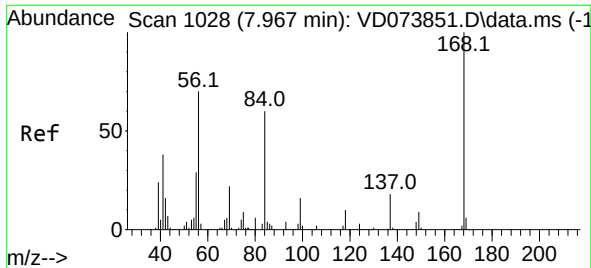
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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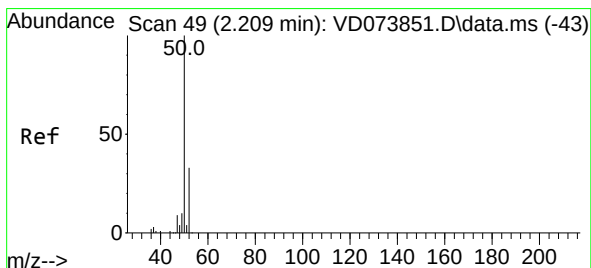
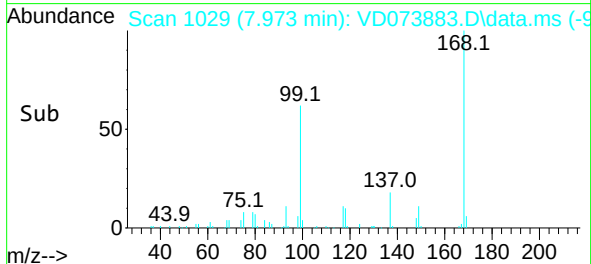
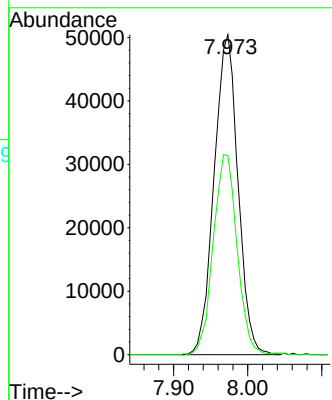
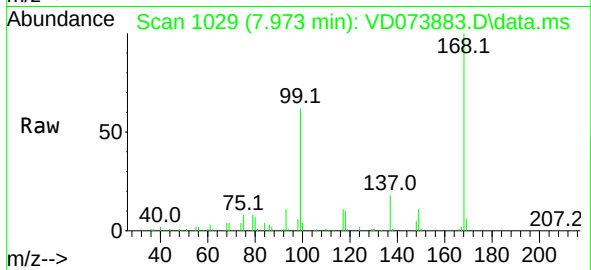




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1028
Delta R.T. 0.006 min
Lab File: VD073883.D
Acq: 20 Jul 2022 17:03

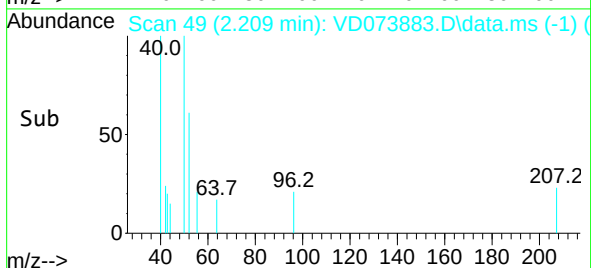
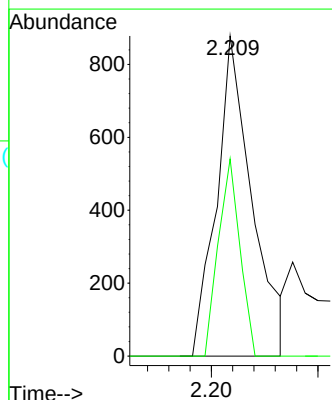
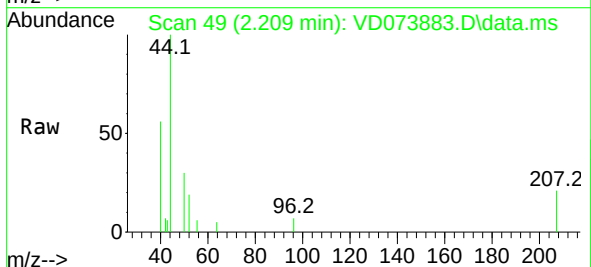
Instrument :
MSVOA_D
ClientSampleId :
SB-03-6.5-7.0

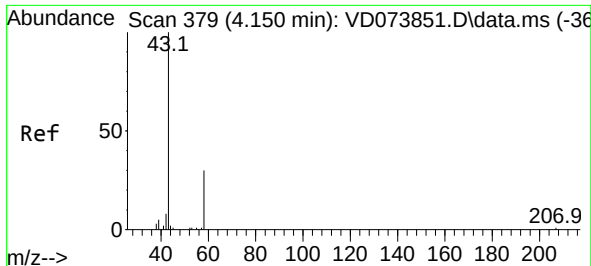
Tgt Ion:168 Resp: 112887
Ion Ratio Lower Upper
168 100
99 62.2 49.8 74.6



#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073883.D
Acq: 20 Jul 2022 17:03

Tgt Ion: 50 Resp: 1018
Ion Ratio Lower Upper
50 100
52 61.6 27.4 41.0#

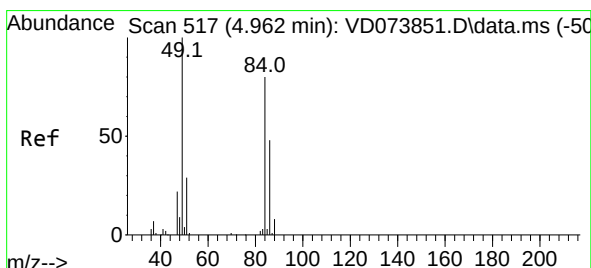
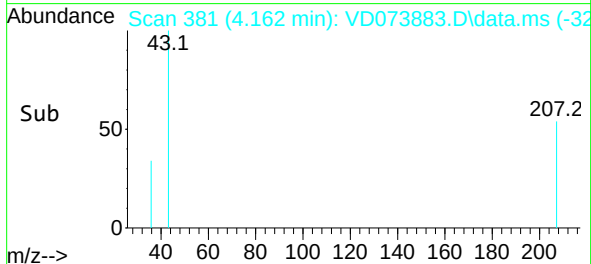
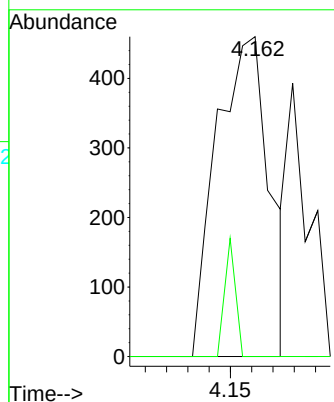
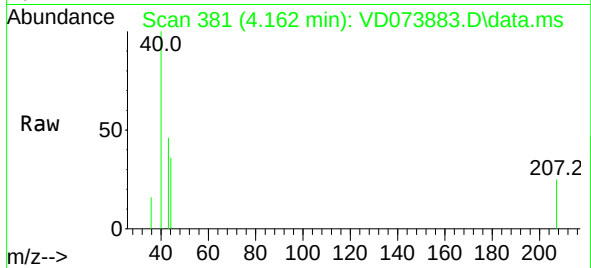




#16
Acetone
Concen: 3.594 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.012 min
Lab File: VD073883.D
Acq: 20 Jul 2022 17:03

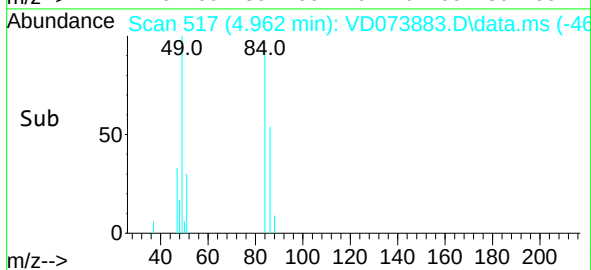
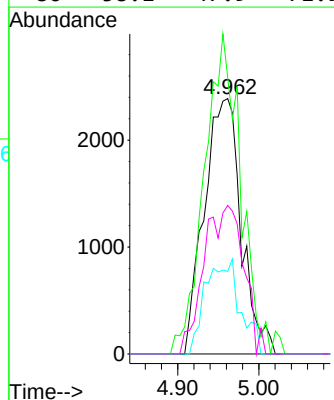
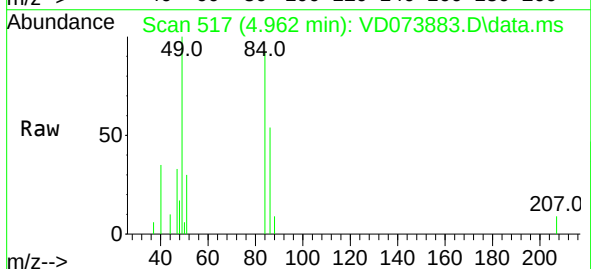
Instrument :
MSVOA_D
ClientSampleId :
SB-03-6.5-7.0

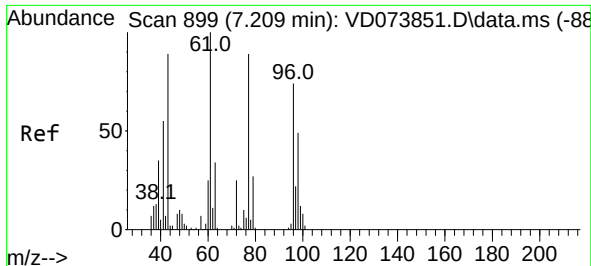
Tgt Ion: 43 Resp: 795
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD073883.D
Acq: 20 Jul 2022 17:03

Tgt Ion: 84 Resp: 7562
Ion Ratio Lower Upper
84 100
49 101.7 112.8 169.2#
51 32.3 32.6 48.8#
86 58.1 47.9 71.9

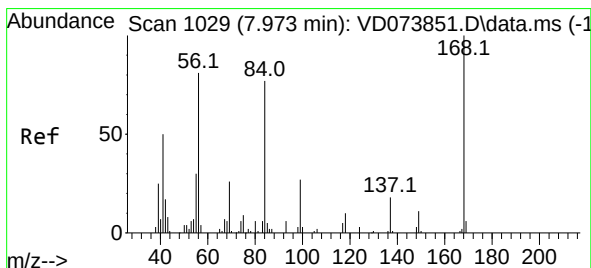
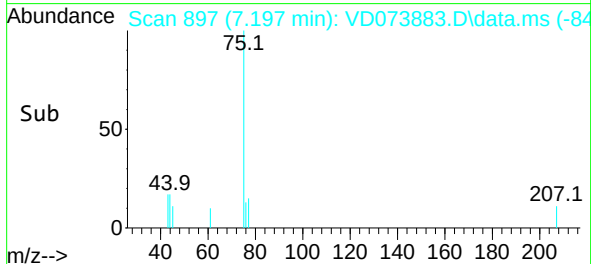
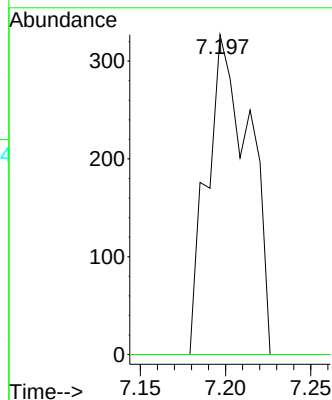
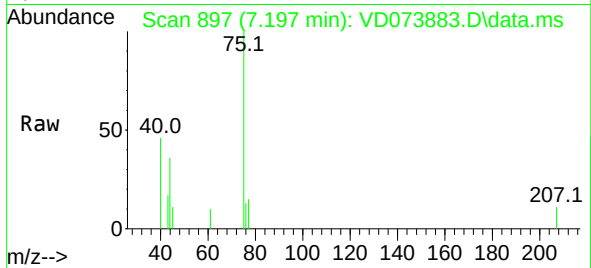




#25
2-Butanone
Concen: 1.803 ug/l
RT: 7.197 min Scan# 899
Delta R.T. -0.012 min
Lab File: VD073883.D
Acq: 20 Jul 2022 17:03

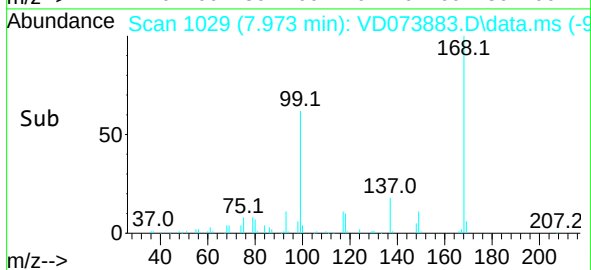
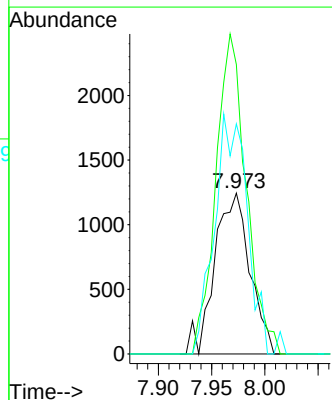
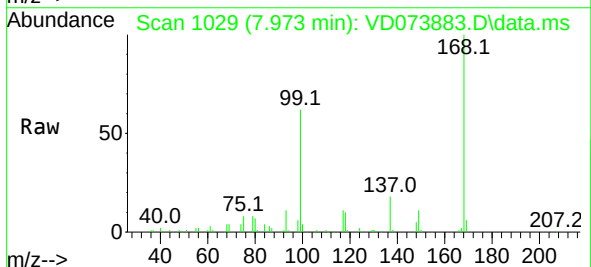
Instrument :
MSVOA_D
ClientSampleId :
SB-03-6.5-7.0

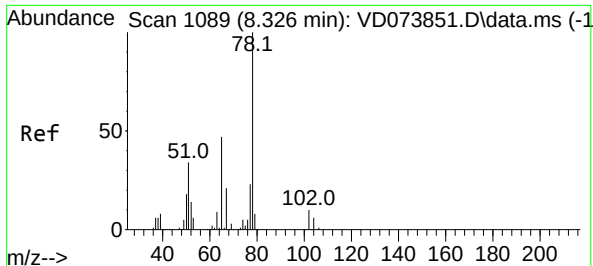
Tgt Ion: 43 Resp: 566
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.337 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073883.D
Acq: 20 Jul 2022 17:03

Tgt Ion: 56 Resp: 2864
Ion Ratio Lower Upper
56 100
69 180.0 25.4 38.2#
84 143.1 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 53.871 ug/l

RT: 8.320 min Scan# 1089

Delta R.T. -0.006 min

Lab File: VD073883.D

Acq: 20 Jul 2022 17:03

Instrument :

MSVOA_D

ClientSampleId :

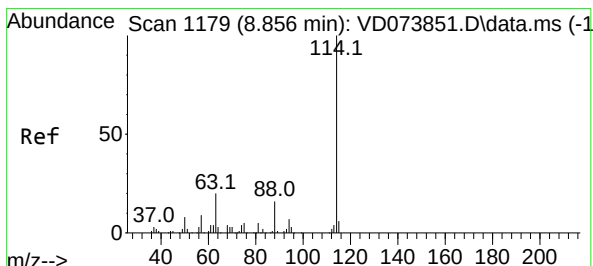
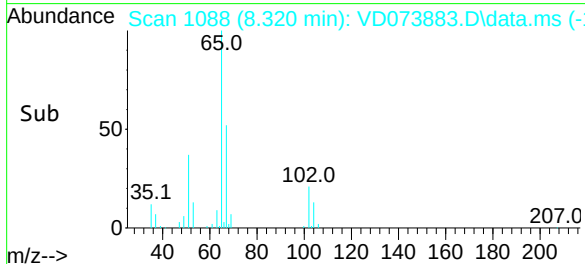
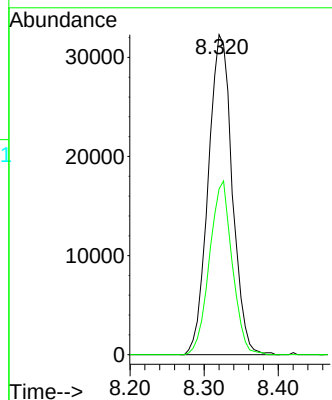
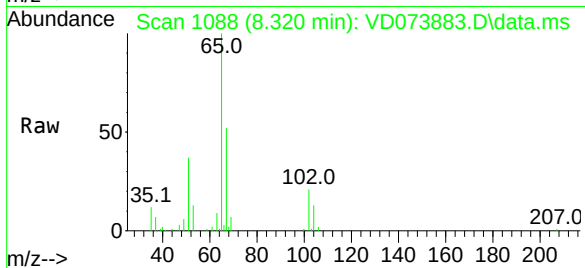
SB-03-6.5-7.0

Tgt Ion: 65 Resp: 72618

Ion Ratio Lower Upper

65 100

67 51.4 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073883.D

Acq: 20 Jul 2022 17:03

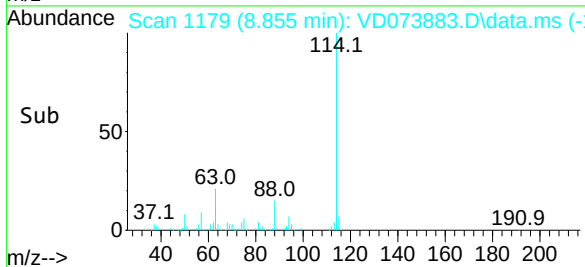
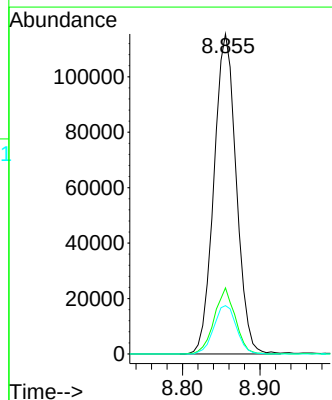
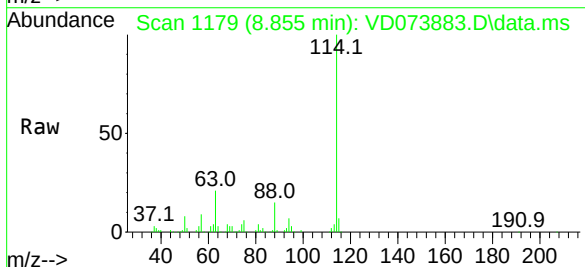
Tgt Ion: 114 Resp: 231156

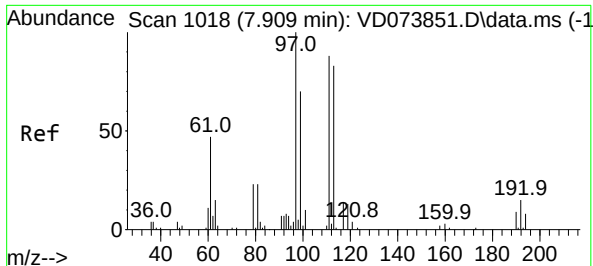
Ion Ratio Lower Upper

114 100

63 20.7 0.0 46.6

88 15.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 50.575 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073883.D

Acq: 20 Jul 2022 17:03

Instrument :

MSVOA_D

ClientSampleId :

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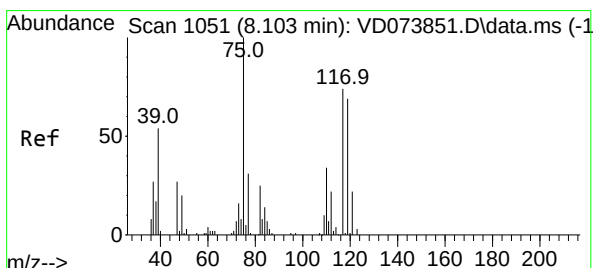
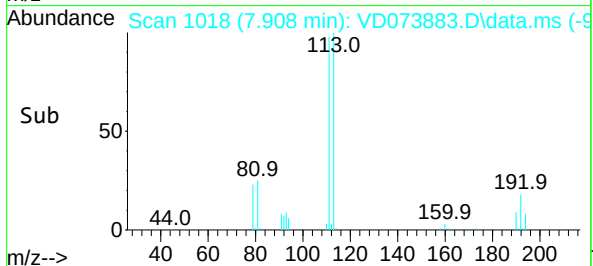
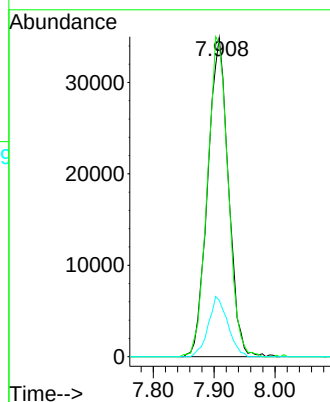
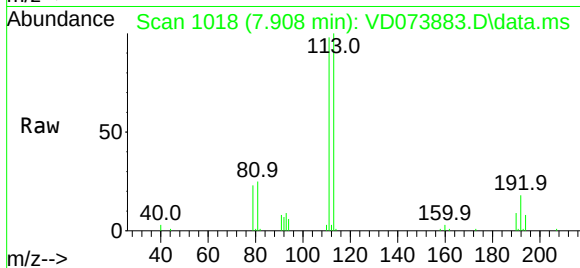
Tgt Ion:113 Resp: 82475

Ion Ratio Lower Upper

113 100

111 100.0 83.8 125.6

192 17.7 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.089 ug/l

RT: 7.961 min Scan# 1027

Delta R.T. -0.141 min

Lab File: VD073883.D

Acq: 20 Jul 2022 17:03

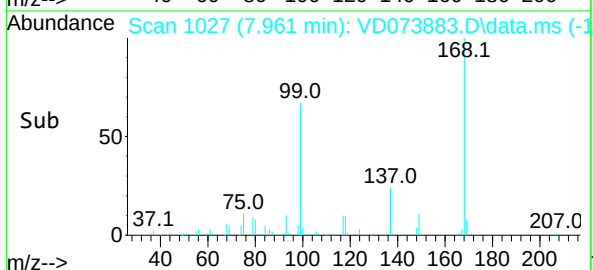
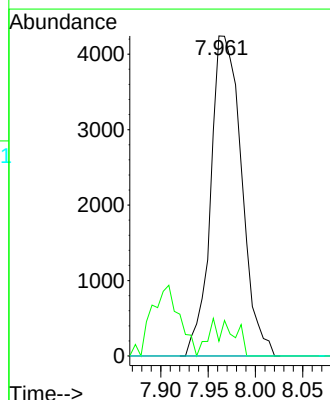
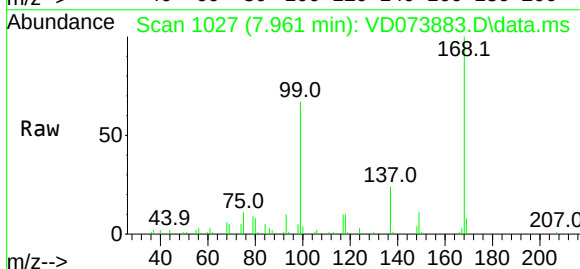
Tgt Ion: 75 Resp: 9619

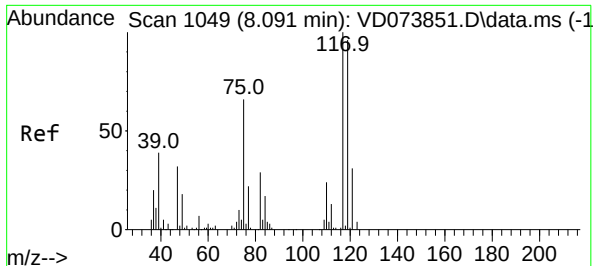
Ion Ratio Lower Upper

75 100

110 4.0 16.4 49.1#

77 0.0 24.2 36.2#

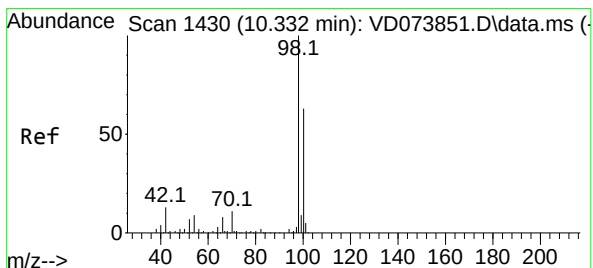
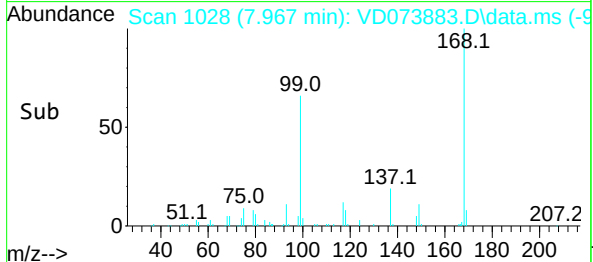
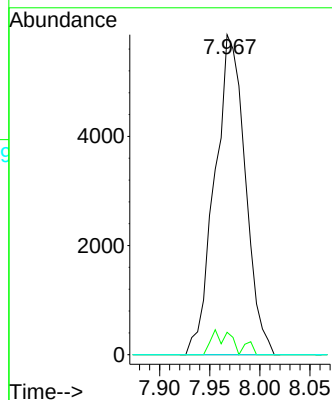
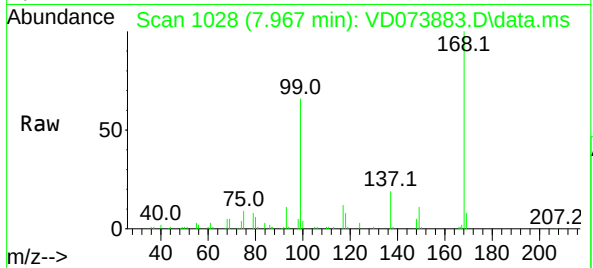




#38
Carbon Tetrachloride
Concen: 4.615 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.124 min
Lab File: VD073883.D
Acq: 20 Jul 2022 17:03

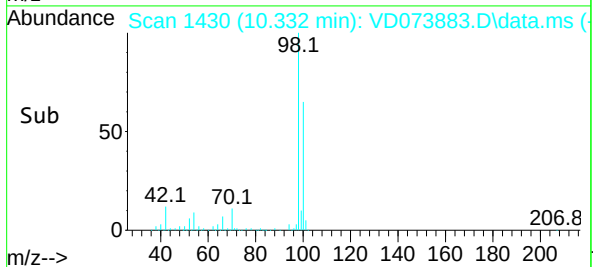
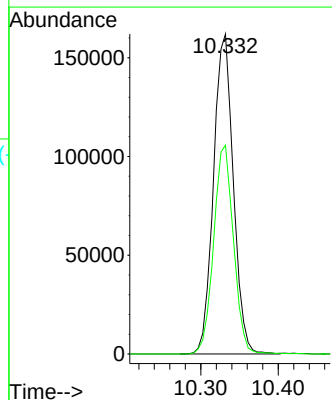
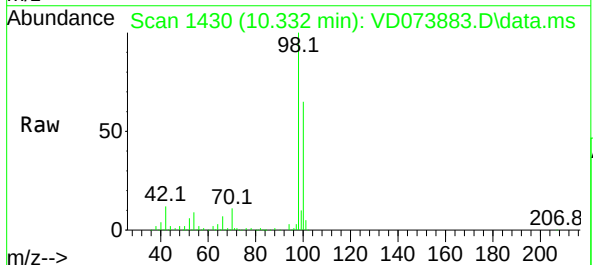
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SB-03-6.5-7.0

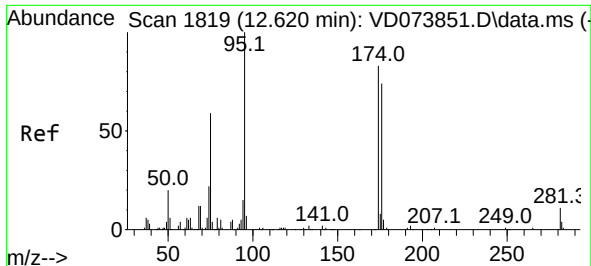
Tgt Ion:117 Resp: 12399
Ion Ratio Lower Upper
117 100
119 7.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.605 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073883.D
Acq: 20 Jul 2022 17:03

Tgt Ion: 98 Resp: 287741
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6

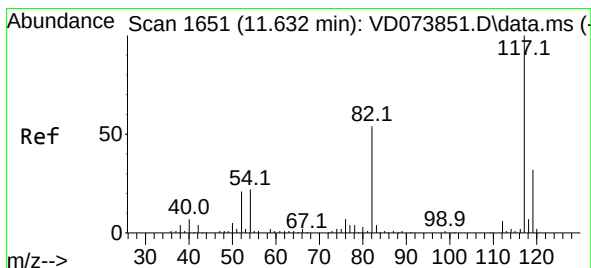
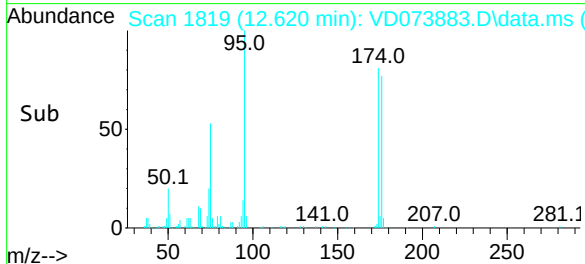
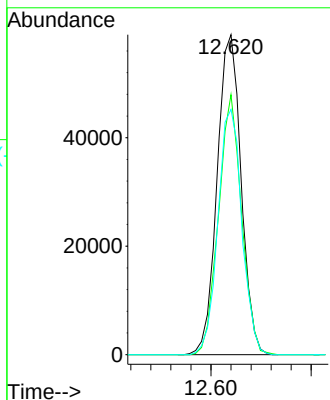
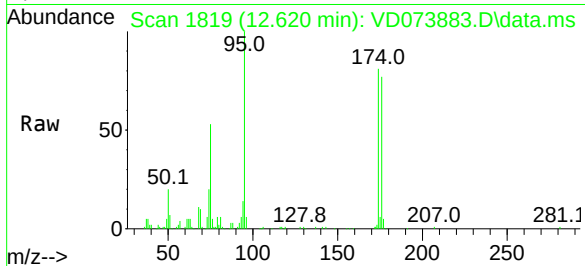




#62
4-Bromofluorobenzene
Concen: 48.084 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073883.D
Acq: 20 Jul 2022 17:03

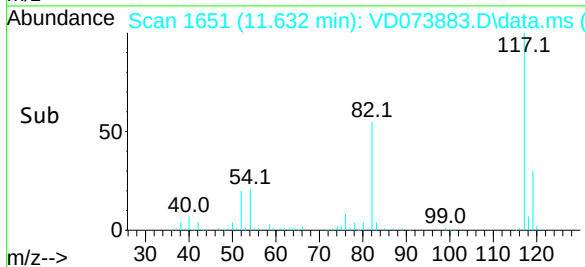
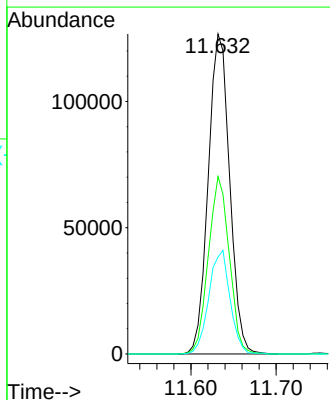
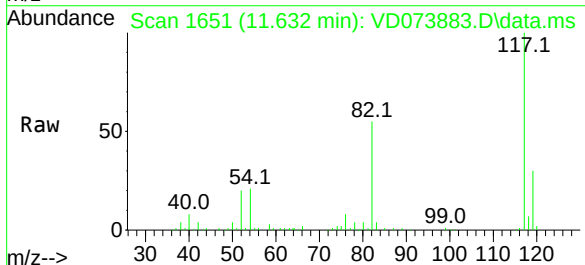
Instrument :
MSVOA_D
ClientSampleId :
SB-03-6.5-7.0

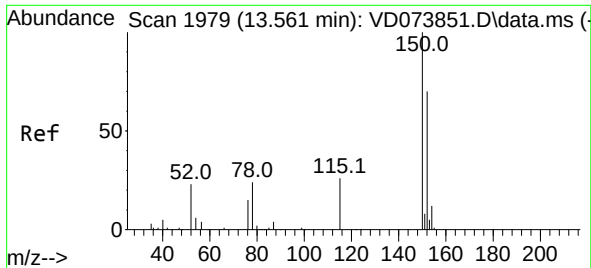
Tgt Ion: 95 Resp: 97872
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 76.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD073883.D
Acq: 20 Jul 2022 17:03

Tgt Ion: 117 Resp: 221664
Ion Ratio Lower Upper
117 100
82 55.4 45.3 67.9
119 30.3 26.6 40.0

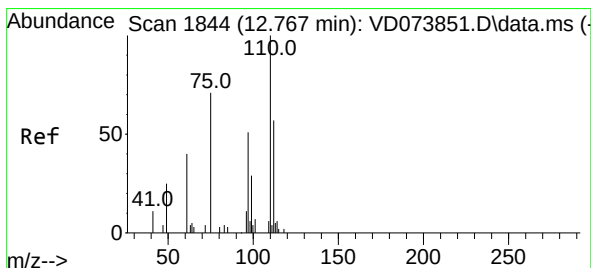
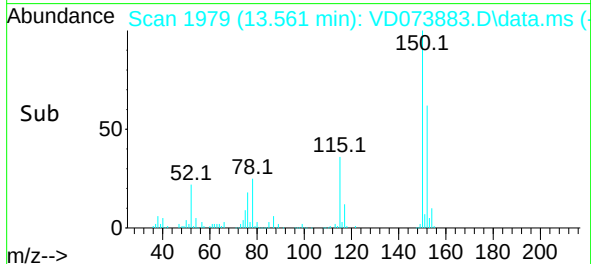
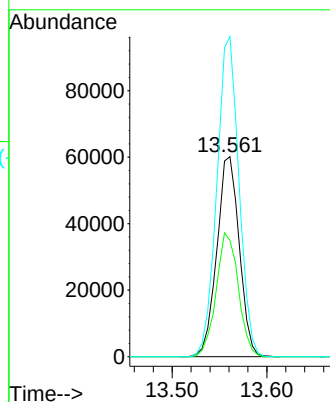
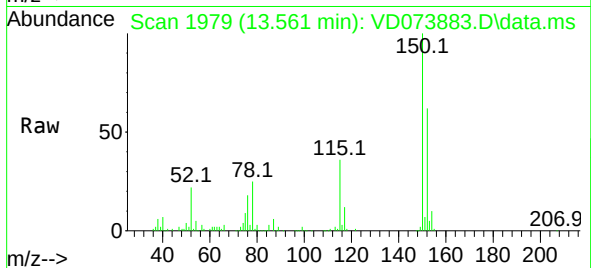




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VD073883.D
 Acq: 20 Jul 2022 17:03

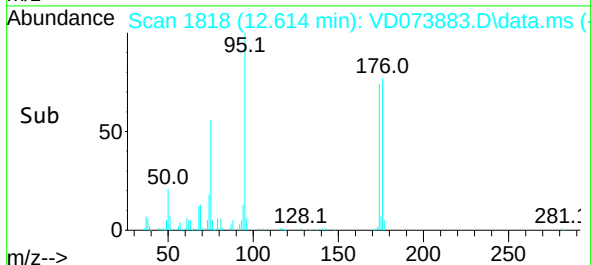
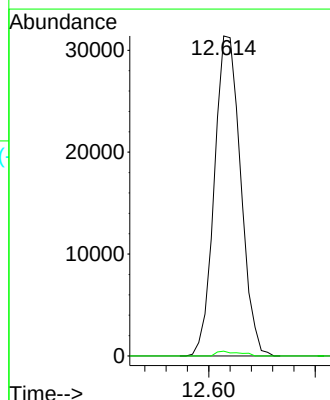
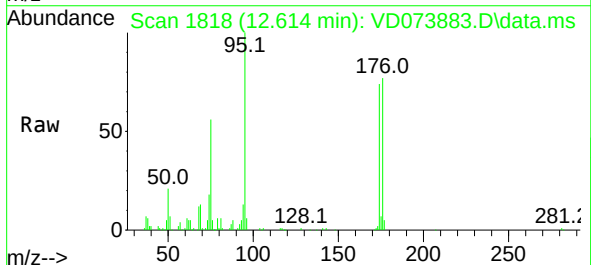
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-6.5-7.0

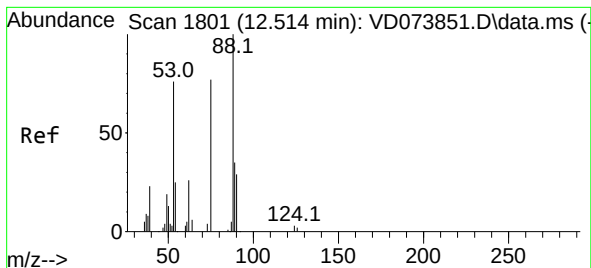
Tgt Ion:152 Resp: 98926
 Ion Ratio Lower Upper
 152 100
 115 61.2 31.3 93.8
 150 157.7 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 50.618 ug/l
 RT: 12.614 min Scan# 1818
 Delta R.T. -0.153 min
 Lab File: VD073883.D
 Acq: 20 Jul 2022 17:03

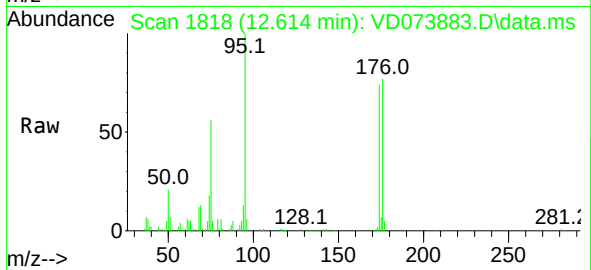
Tgt Ion: 75 Resp: 53728
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 136.590 ug/l
 RT: 12.614 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD073883.D
 Acq: 20 Jul 2022 17:03

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-03-6.5-7.0



Tgt Ion: 75 Resp: 53728
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.0 33.9 50.9#

