

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD072995.D
 Acq On : 13 May 2022 17:53
 Operator : VA/SY
 Sample : N2816-01
 Misc : 6.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS002-1824-01

Quant Time: May 16 05:15:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

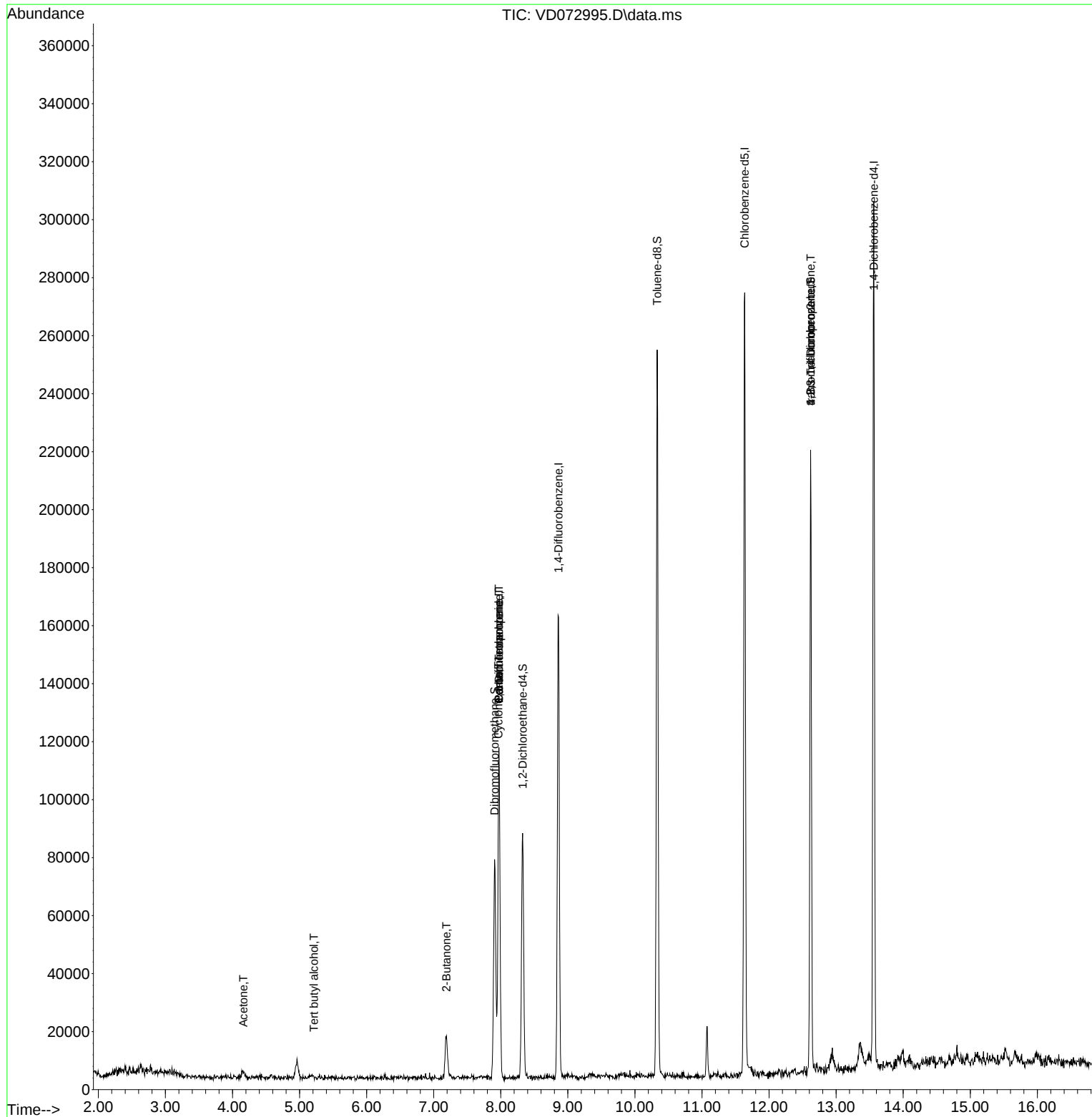
Internal Standards						
1) Pentafluorobenzene	7.973	168	77471	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	133564	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	152653	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	75466	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	67335	66.958	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 133.920%	
35) Dibromofluoromethane	7.908	113	52954	56.452	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 112.900%	
50) Toluene-d8	10.332	98	166533	49.492	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 98.980%	
62) 4-Bromofluorobenzene	12.620	95	71755	57.191	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 114.380%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	868	Below Cal	#	47
11) Tert butyl alcohol	5.214	59	258	2.965	ug/l #	74
16) Acetone	4.161	43	3873	7.026	ug/l #	47
18) Methyl Acetate	4.450	43	76	Below Cal	#	55
20) Methylene Chloride	4.961	84	4165	Below Cal		86
25) 2-Butanone	7.191	43	811	2.768	ug/l #	52
31) Cyclohexane	7.967	56	1832	1.042	ug/l #	6
36) 1,1-Dichloropropene	7.973	75	6823	4.473	ug/l #	49
38) Carbon Tetrachloride	7.973	117	8872	5.603	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	34585	41.099	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	34585	94.512	ug/l #	7

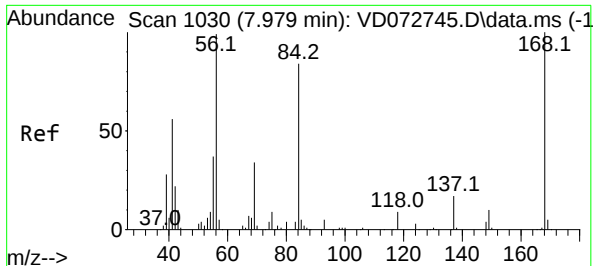
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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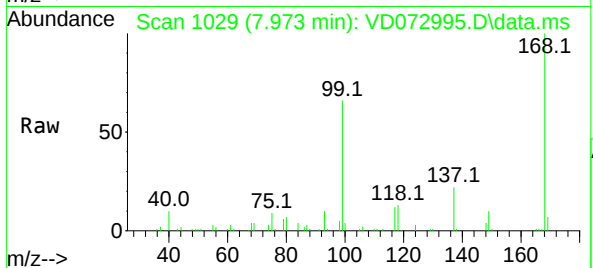
Quant Time: May 16 05:15:38 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
Quant Title : SW846 8260
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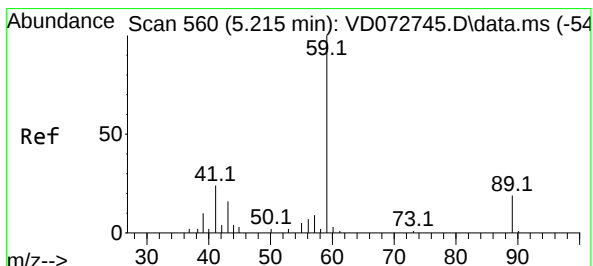
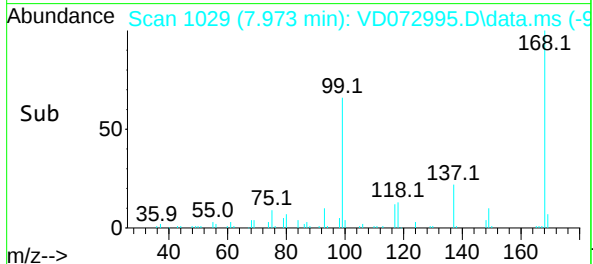
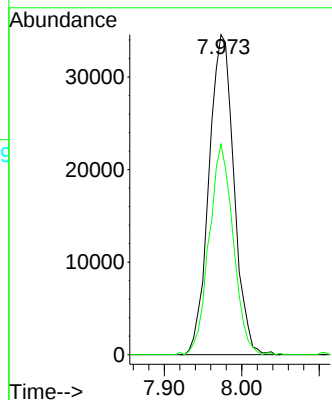


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072995.D
Acq: 13 May 2022 17:53

Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-01

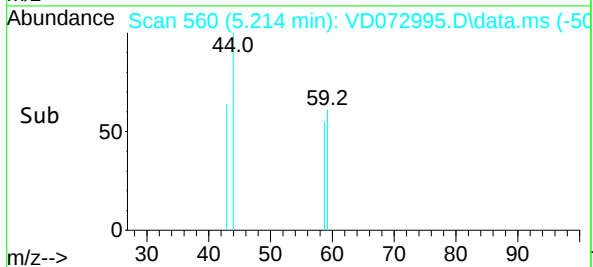
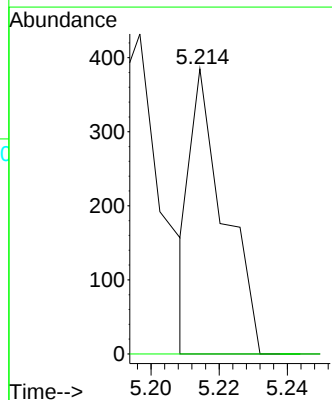
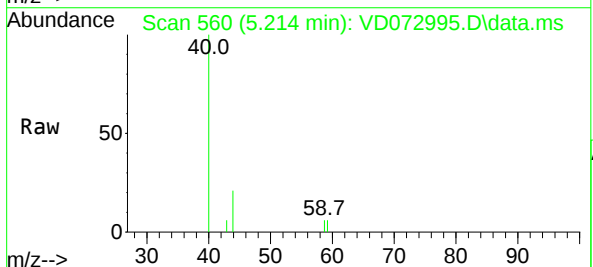


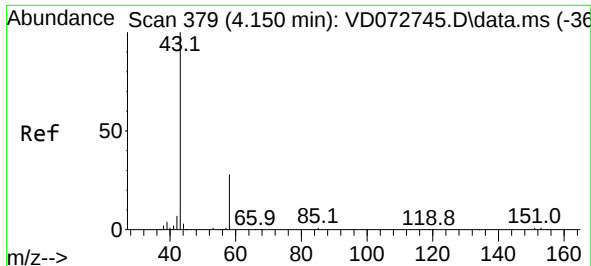
Tgt Ion:168 Resp: 77471
Ion Ratio Lower Upper
168 100
99 65.3 49.8 74.6



#11
Tert butyl alcohol
Concen: 2.965 ug/l
RT: 5.214 min Scan# 560
Delta R.T. -0.001 min
Lab File: VD072995.D
Acq: 13 May 2022 17:53

Tgt Ion: 59 Resp: 258
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

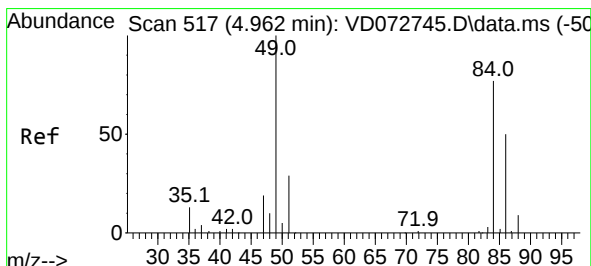
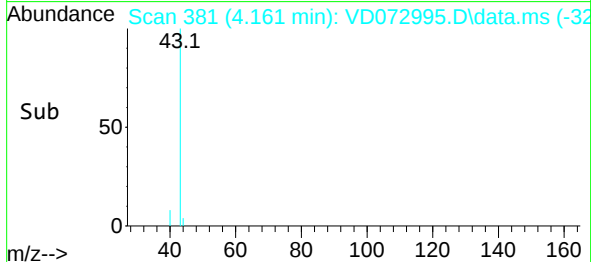
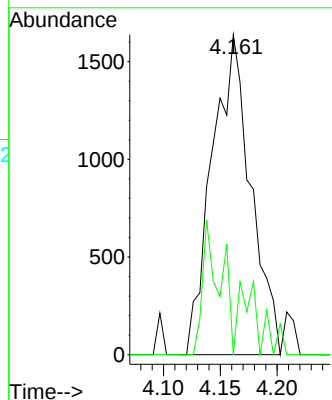
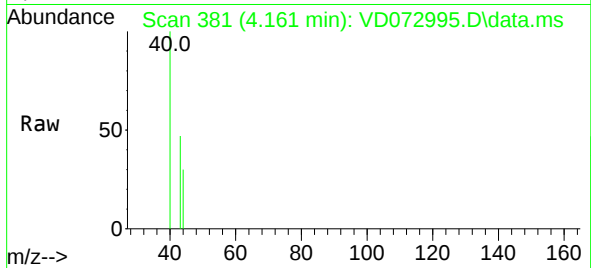




#16
Acetone
Concen: 7.026 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.011 min
Lab File: VD072995.D
Acq: 13 May 2022 17:53

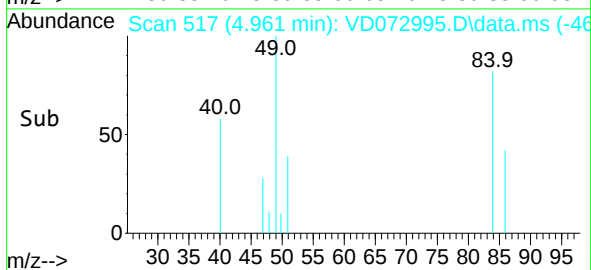
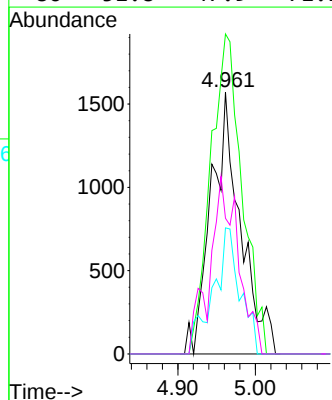
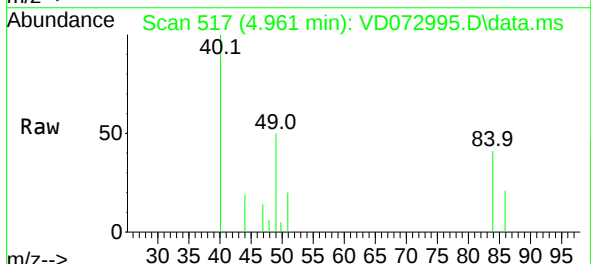
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-01

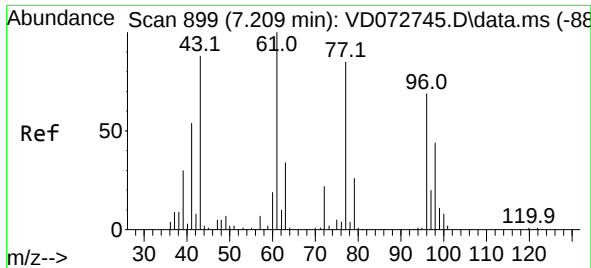
Tgt Ion: 43 Resp: 3873
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD072995.D
Acq: 13 May 2022 17:53

Tgt Ion: 84 Resp: 4165
Ion Ratio Lower Upper
84 100
49 122.2 112.8 169.2
51 48.2 32.6 48.8
86 51.8 47.9 71.9

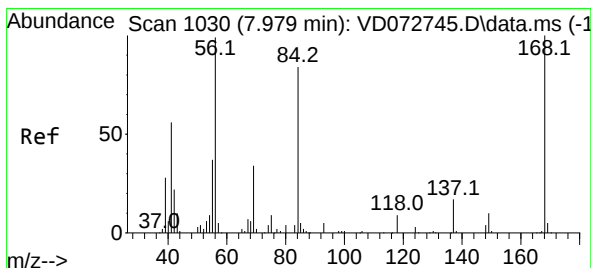
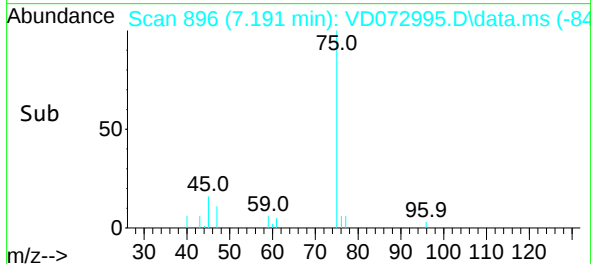
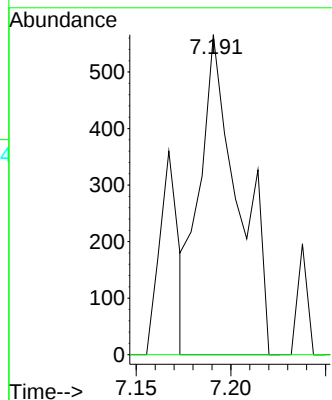
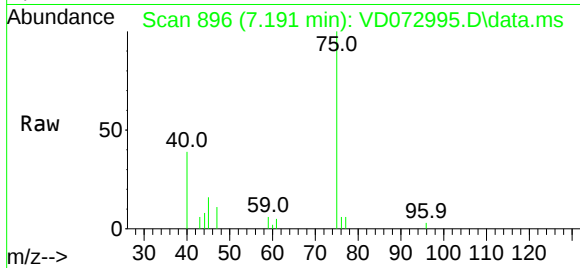




#25
2-Butanone
Concen: 2.768 ug/l
RT: 7.191 min Scan# 899
Delta R.T. -0.018 min
Lab File: VD072995.D
Acq: 13 May 2022 17:53

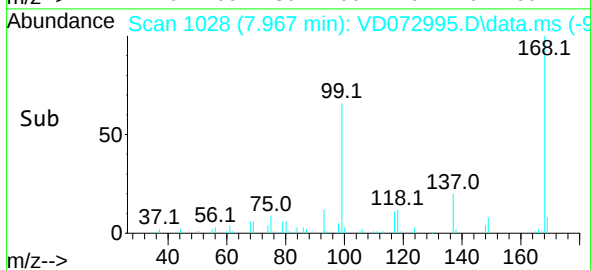
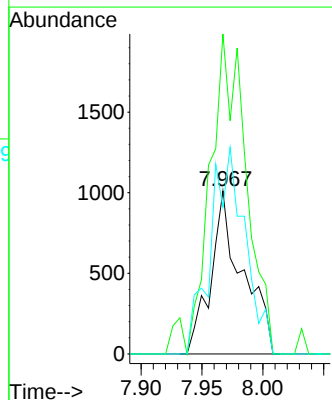
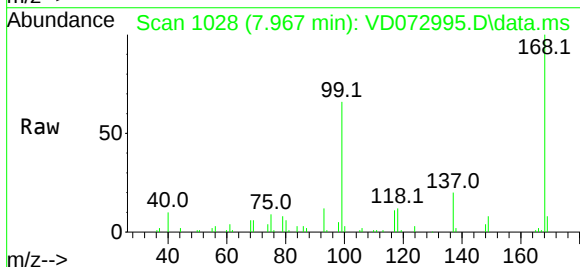
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-01

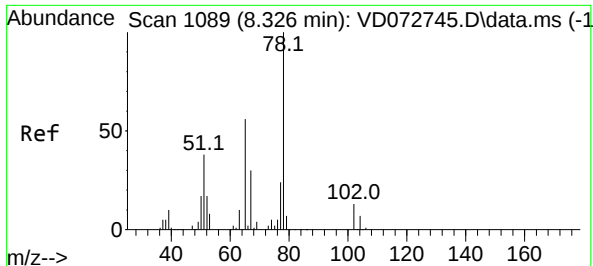
Tgt Ion: 43 Resp: 811
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.042 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD072995.D
Acq: 13 May 2022 17:53

Tgt Ion: 56 Resp: 1832
Ion Ratio Lower Upper
56 100
69 196.3 25.4 38.2#
84 90.0 63.0 94.4





#33

1,2-Dichloroethane-d4

Concen: 66.958 ug/l

RT: 8.326 min Scan# 1108

Delta R.T. -0.000 min

Lab File: VD072995.D

Acq: 13 May 2022 17:53

Instrument :

MSVOA_D

ClientSampleId :

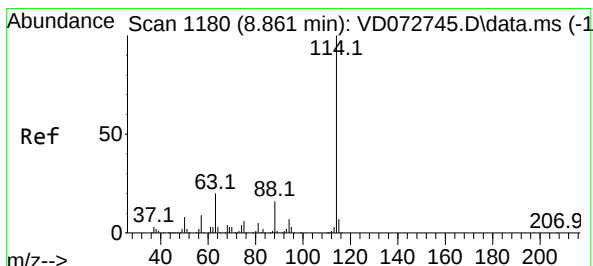
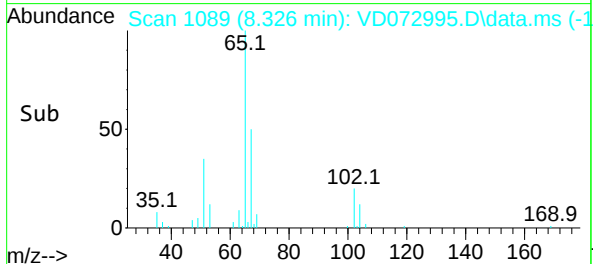
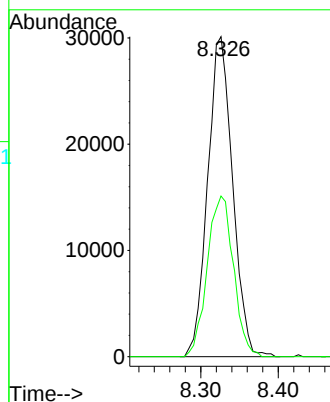
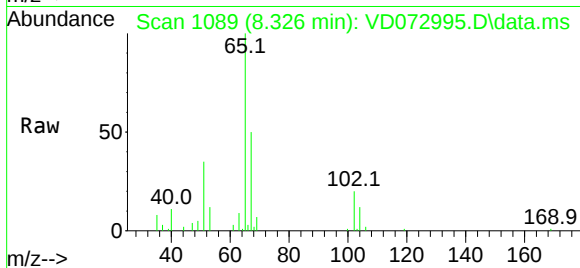
P007-SS002-1824-01

Tgt Ion: 65 Resp: 67335

Ion Ratio Lower Upper

65 100

67 52.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072995.D

Acq: 13 May 2022 17:53

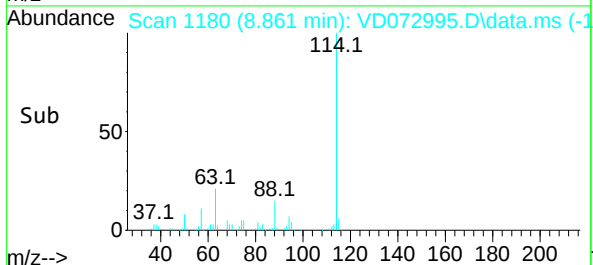
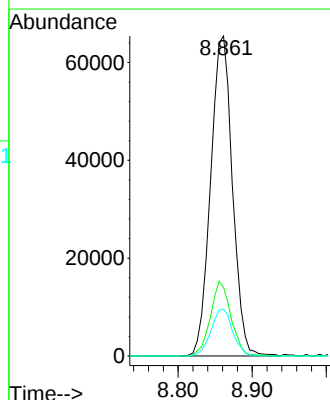
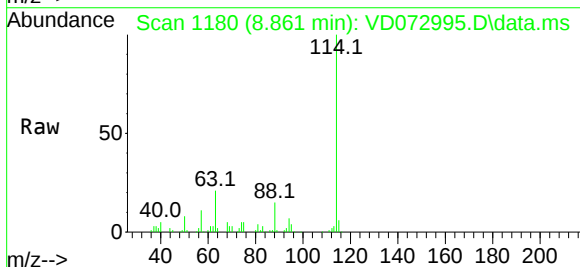
Tgt Ion: 114 Resp: 133564

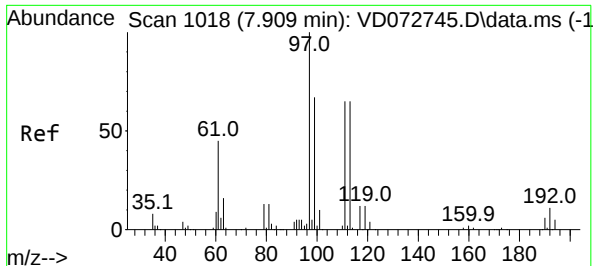
Ion Ratio Lower Upper

114 100

63 21.4 0.0 46.6

88 14.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 56.452 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072995.D

Acq: 13 May 2022 17:53

Instrument :

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ClientSampleId :

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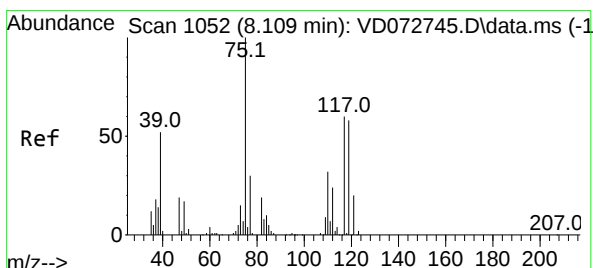
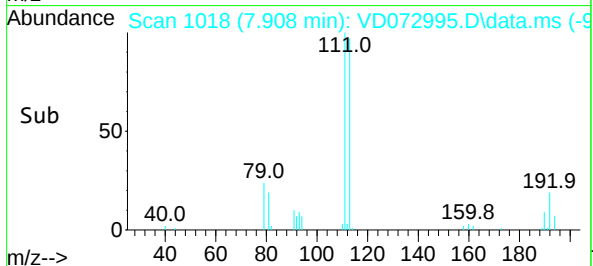
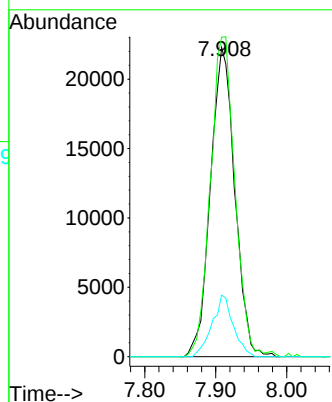
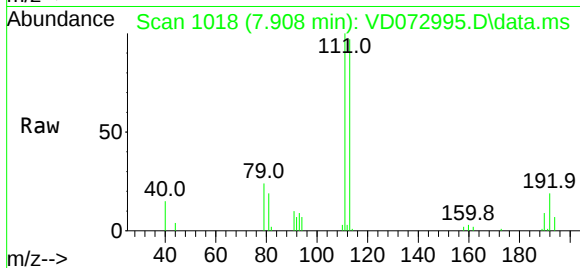
Tgt Ion:113 Resp: 52954

Ion Ratio Lower Upper

113 100

111 104.4 83.8 125.6

192 17.3 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.473 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD072995.D

Acq: 13 May 2022 17:53

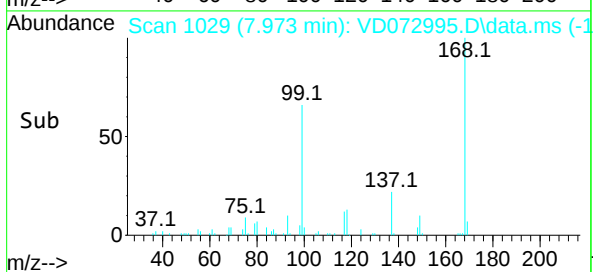
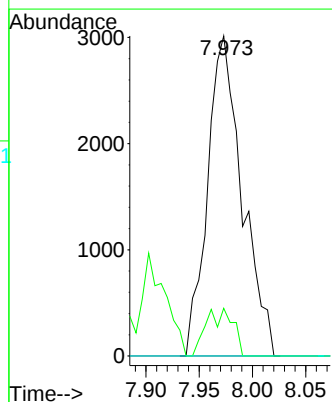
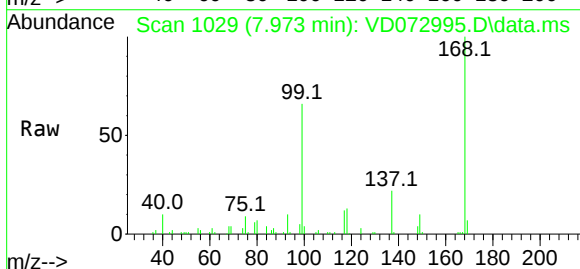
Tgt Ion: 75 Resp: 6823

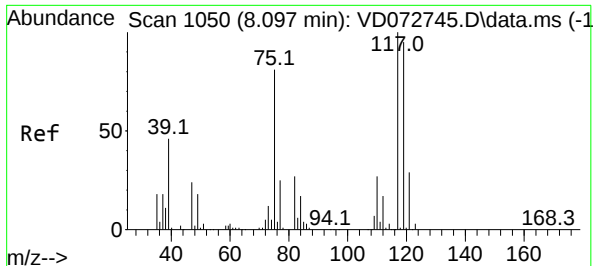
Ion Ratio Lower Upper

75 100

110 5.9 16.4 49.1#

77 0.0 24.2 36.2#

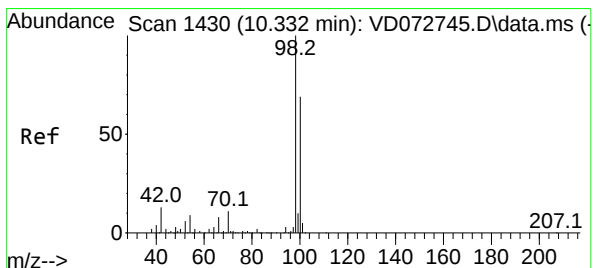
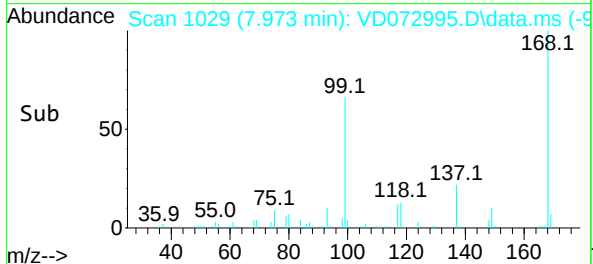
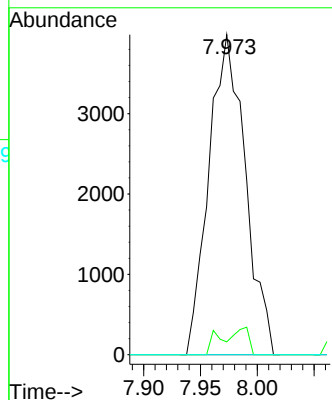
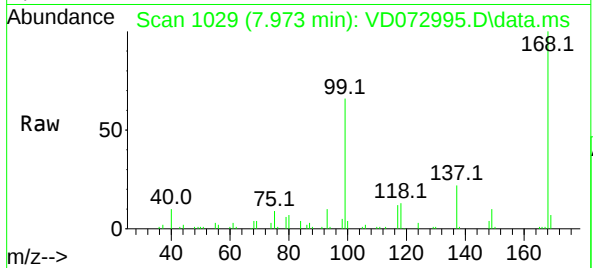




#38
Carbon Tetrachloride
Concen: 5.603 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.124 min
Lab File: VD072995.D
Acq: 13 May 2022 17:53

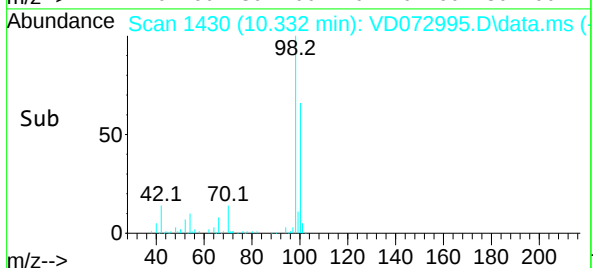
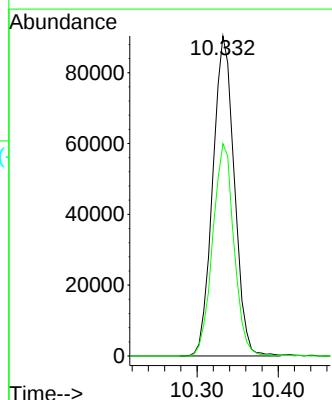
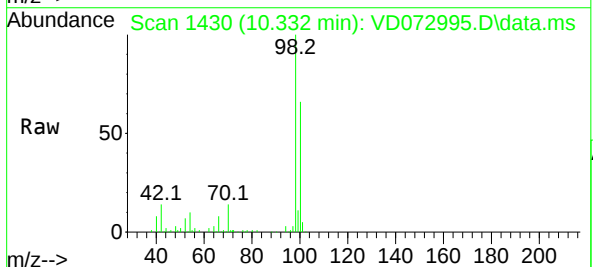
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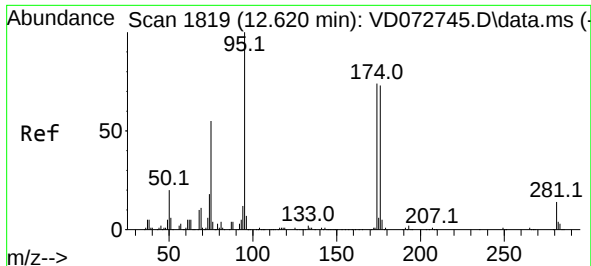
Tgt Ion:117 Resp: 8872
Ion Ratio Lower Upper
117 100
119 4.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.492 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072995.D
Acq: 13 May 2022 17:53

Tgt Ion: 98 Resp: 166533
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6

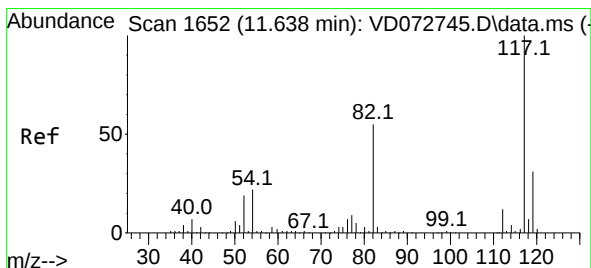
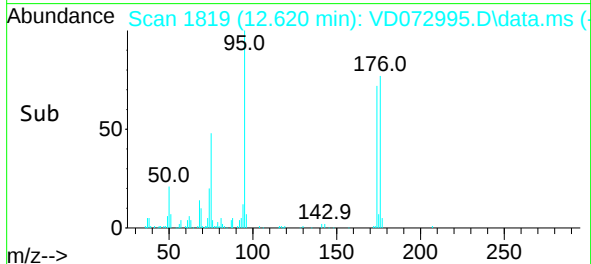
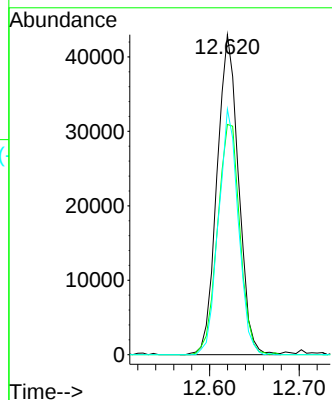
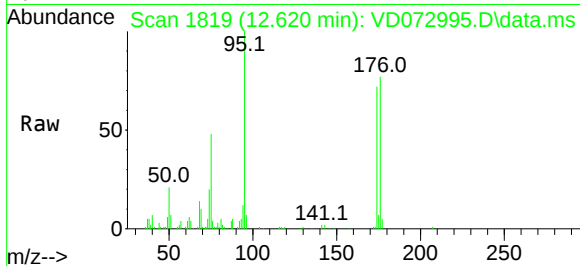




#62
4-Bromofluorobenzene
Concen: 57.191 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072995.D
Acq: 13 May 2022 17:53

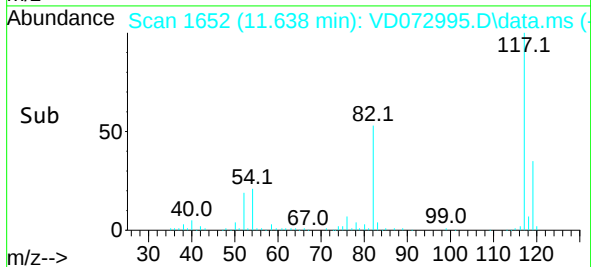
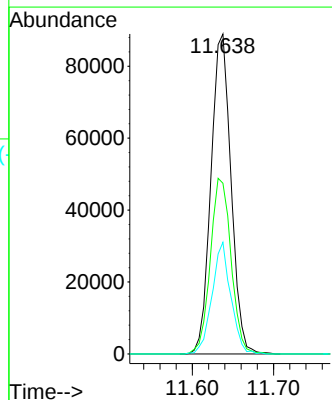
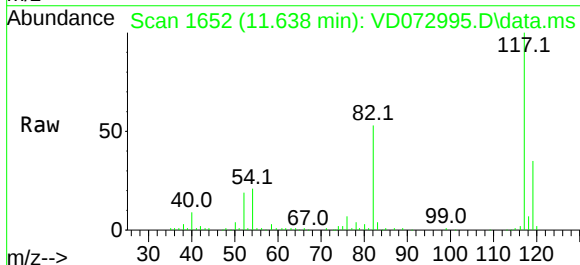
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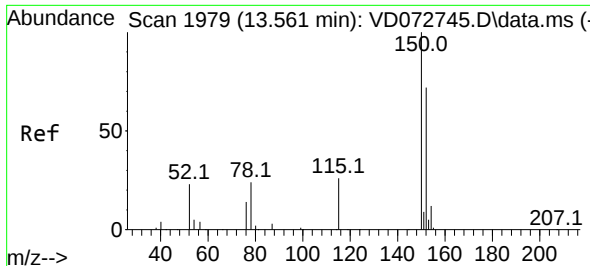
Tgt Ion:	95	Resp:	71755
Ion	Ratio	Lower	Upper
95	100		
174	74.6	0.0	152.8
176	70.8	0.0	145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072995.D
Acq: 13 May 2022 17:53

Tgt Ion:	117	Resp:	152653
Ion	Ratio	Lower	Upper
117	100		
82	53.3	45.3	67.9
119	34.9	26.6	40.0

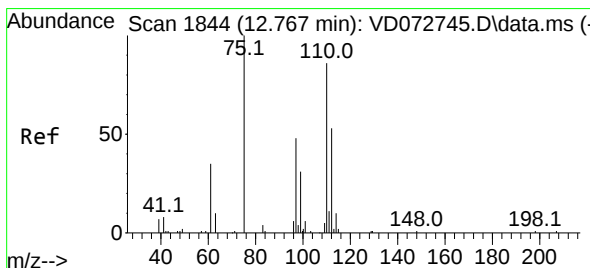
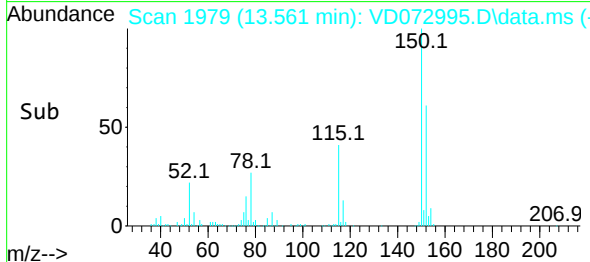
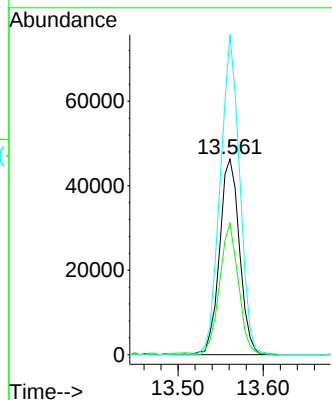
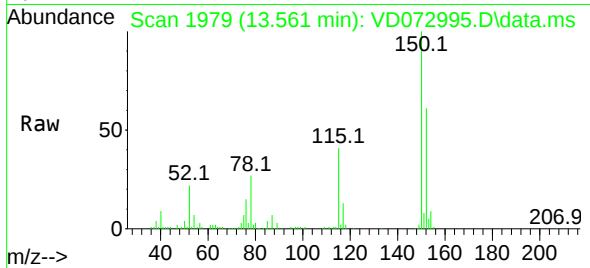




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072995.D
Acq: 13 May 2022 17:53

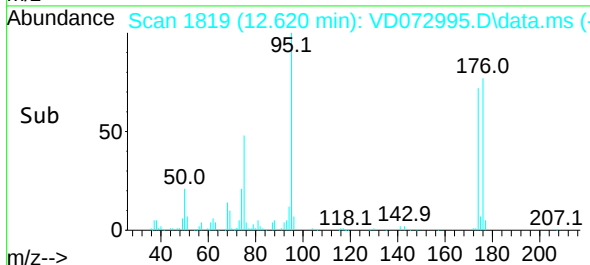
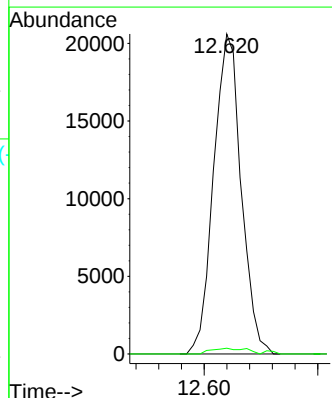
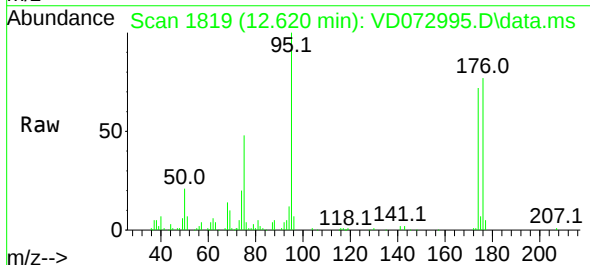
Instrument :
MSVOA_D
ClientSampleId :
P007-SS002-1824-01

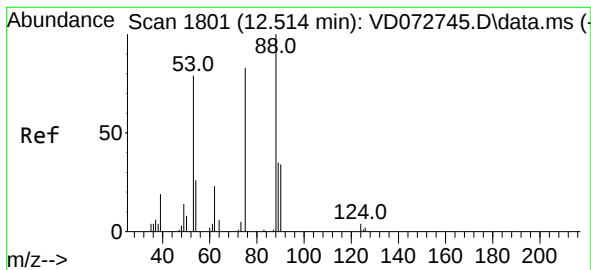
Tgt Ion:152 Resp: 75466
Ion Ratio Lower Upper
152 100
115 63.4 31.3 93.8
150 158.5 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 41.099 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072995.D
Acq: 13 May 2022 17:53

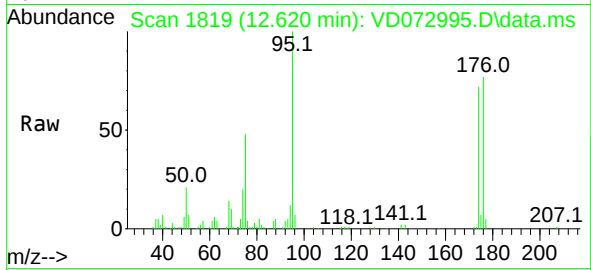
Tgt Ion: 75 Resp: 34585
Ion Ratio Lower Upper
75 100
77 2.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 94.512 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072995.D
 Acq: 13 May 2022 17:53

Instrument :
 MSVOA_D
 ClientSampleId :
 P007-SS002-1824-01



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.2	86.5	129.7#
89	0.0	33.9	50.9#

