

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032122\
 Data File : VD072340.D
 Acq On : 21 Mar 2022 15:10
 Operator : VA/SY
 Sample : N1949-18
 Misc : 7.38G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-BH2-031422-0-1

Quant Time: Mar 22 02:12:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

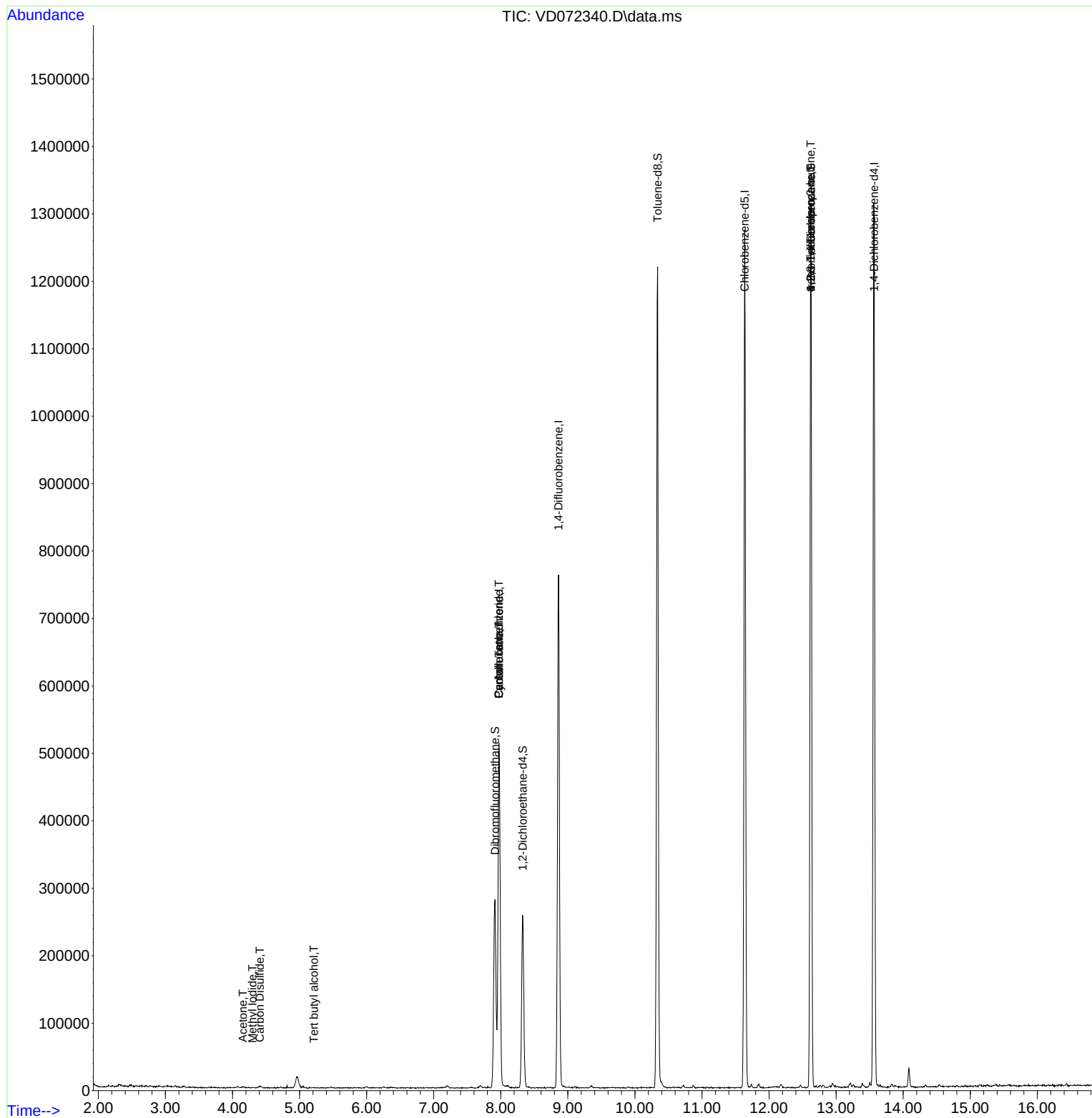
Internal Standards						
1) Pentafluorobenzene	7.973	168	374073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	631763	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	691519	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	353576	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	200869	48.184	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.360%
35) Dibromofluoromethane	7.914	113	202067	45.452	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.900%
50) Toluene-d8	10.338	98	803336	49.418	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.840%
62) 4-Bromofluorobenzene	12.626	95	352502	55.808	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	111.620%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	337	2.311	ug/l #	38
11) Tert butyl alcohol	5.214	59	489	2.023	ug/l #	74
16) Acetone	4.156	43	1467	1.621	ug/l #	76
17) Carbon Disulfide	4.409	76	5395	2.153	ug/l #	74
20) Methylene Chloride	4.967	84	12533	Below Cal	#	87
31) Cyclohexane	7.973	56	9322	1.431	ug/l #	1
38) Carbon Tetrachloride	7.973	117	38261	5.397	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	184003	47.177	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	184003	117.051	ug/l #	7

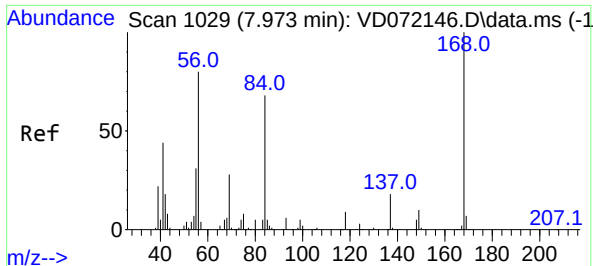
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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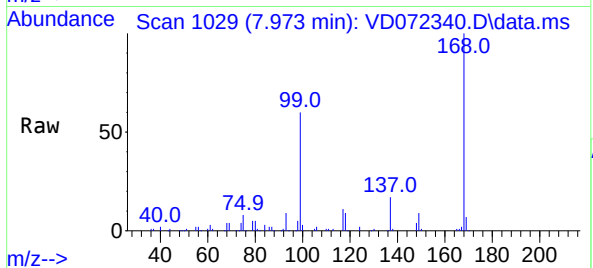
Quant Time: Mar 22 02:12:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
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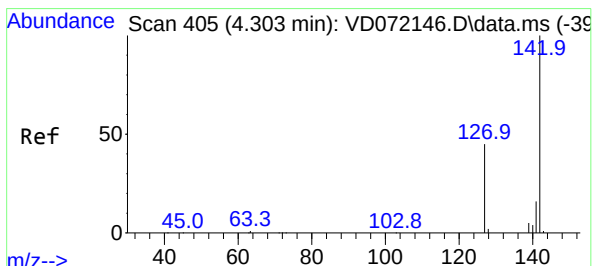
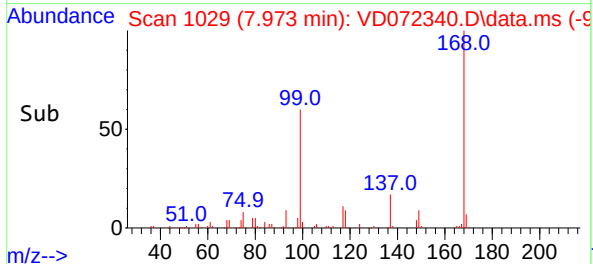
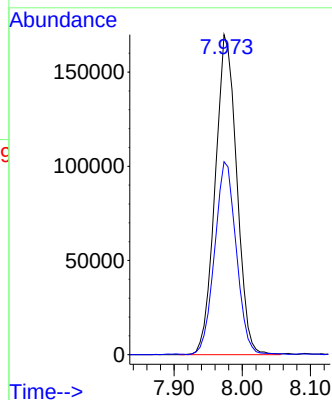


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072340.D
Acq: 21 Mar 2022 15:10

Instrument :
MSVOA_D
ClientSampleId :
CP-BH2-031422-0-1

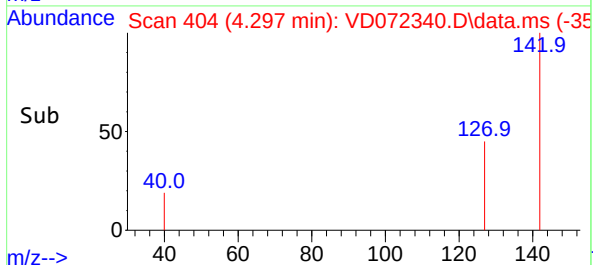
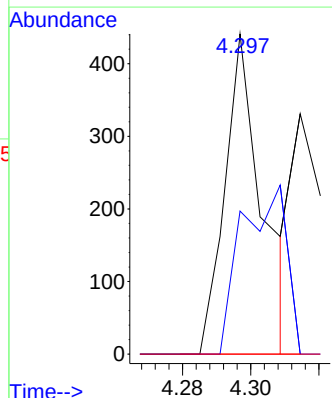
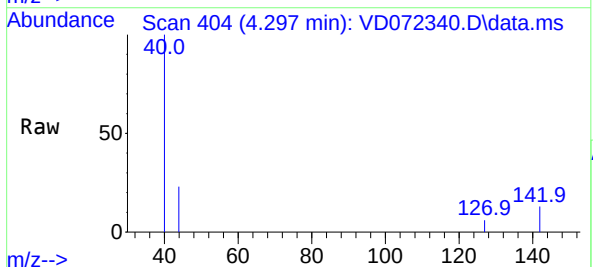


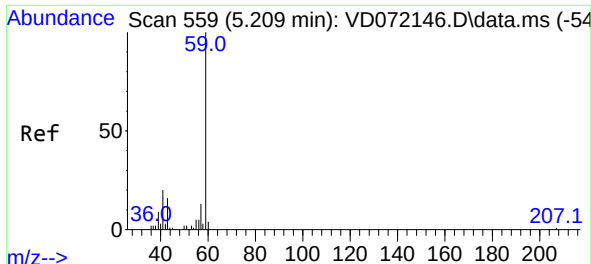
Tgt Ion:168 Resp: 374073
Ion Ratio Lower Upper
168 100
99 60.1 49.8 74.6



#10
Methyl Iodide
Concen: 2.311 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072340.D
Acq: 21 Mar 2022 15:10

Tgt Ion:142 Resp: 337
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

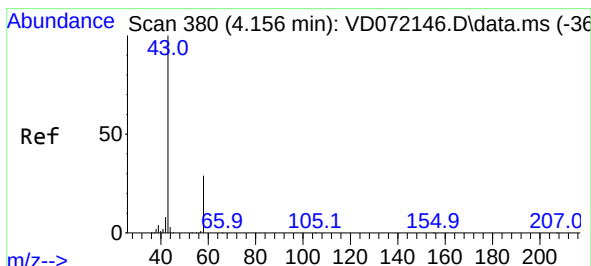
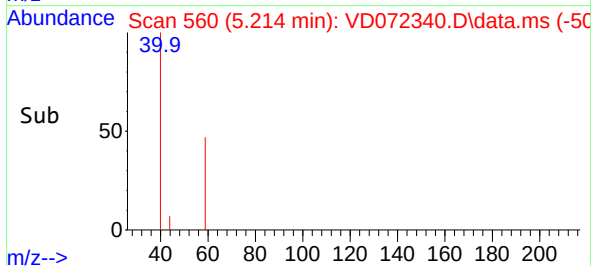
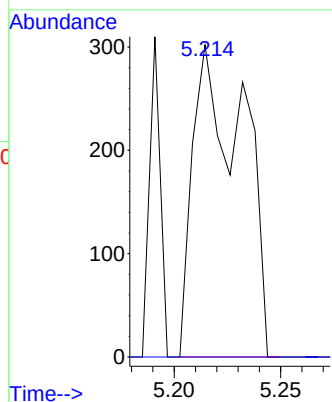
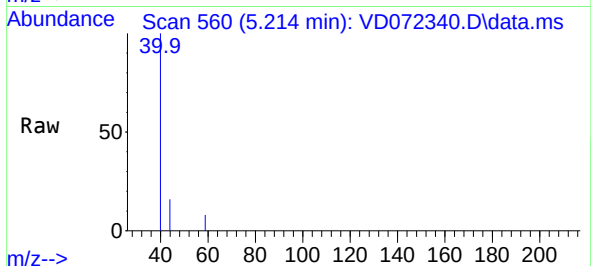




#11
Tert butyl alcohol
Concen: 2.023 ug/l
RT: 5.214 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD072340.D
Acq: 21 Mar 2022 15:10

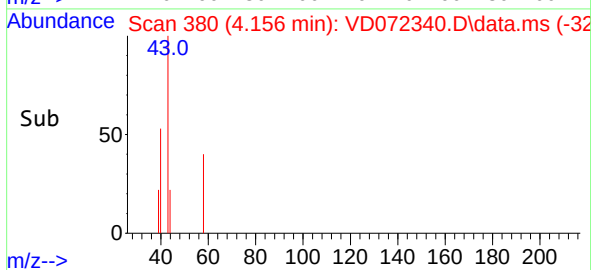
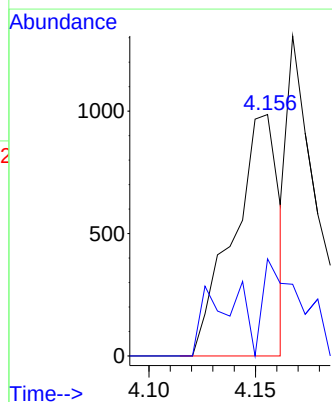
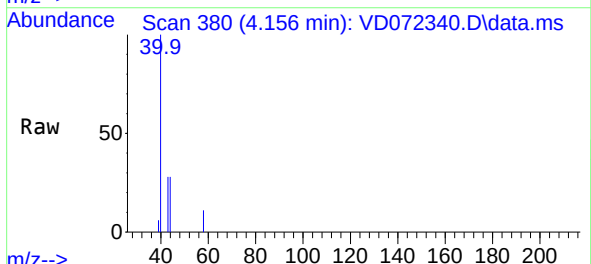
Instrument :
MSVOA_D
ClientSampleId :
CP-BH2-031422-0-1

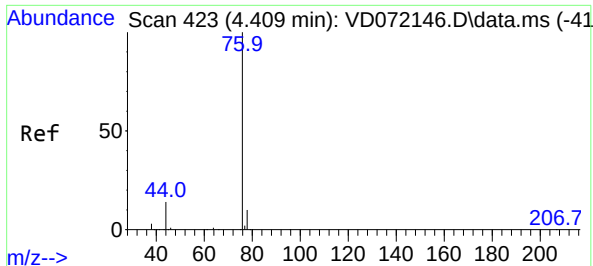
Tgt Ion: 59 Resp: 489
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 1.621 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072340.D
Acq: 21 Mar 2022 15:10

Tgt Ion: 43 Resp: 1467
Ion Ratio Lower Upper
43 100
58 40.3 22.1 33.1#

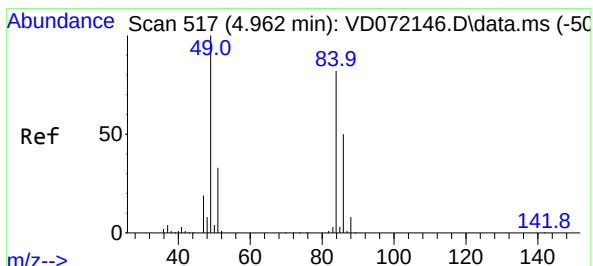
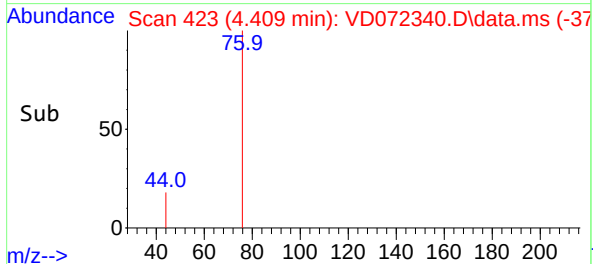
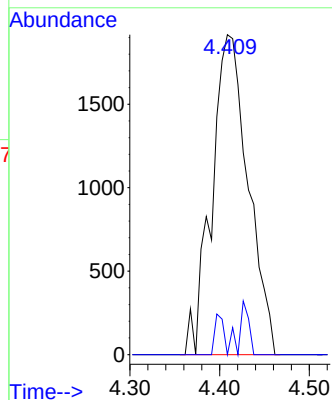
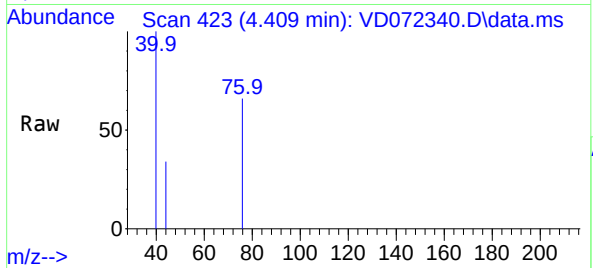




#17
Carbon Disulfide
Concen: 2.153 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072340.D
Acq: 21 Mar 2022 15:10

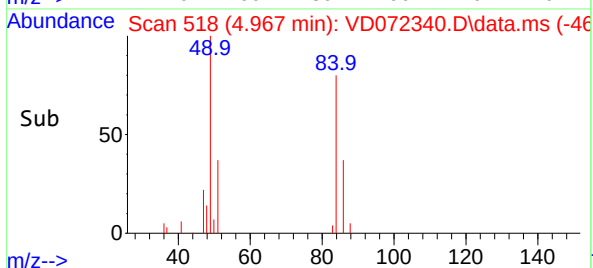
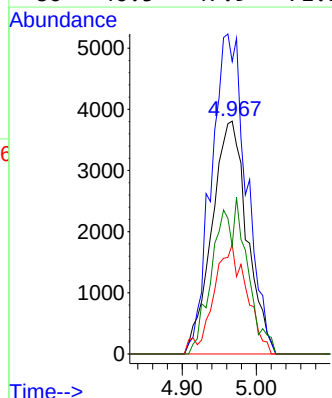
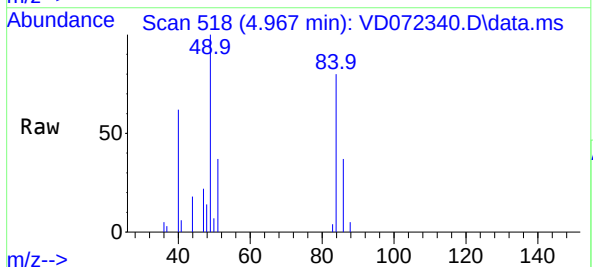
Instrument :
MSVOA_D
ClientSampleId :
CP-BH2-031422-0-1

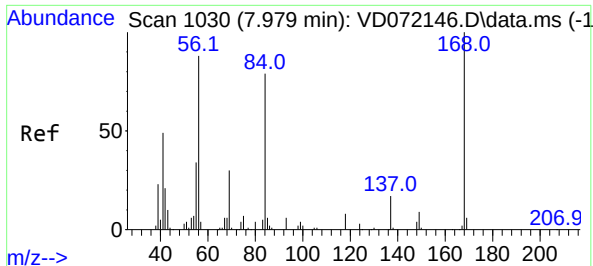
Tgt Ion: 76 Resp: 5395
Ion Ratio Lower Upper
76 100
78 0.0 7.5 11.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. 0.005 min
Lab File: VD072340.D
Acq: 21 Mar 2022 15:10

Tgt Ion: 84 Resp: 12533
Ion Ratio Lower Upper
84 100
49 125.7 112.8 169.2
51 47.0 32.6 48.8
86 46.5 47.9 71.9#





#31

Cyclohexane

Concen: 1.431 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072340.D

Acq: 21 Mar 2022 15:10

Instrument :

MSVOA_D

ClientSampleId :

CP-BH2-031422-0-1

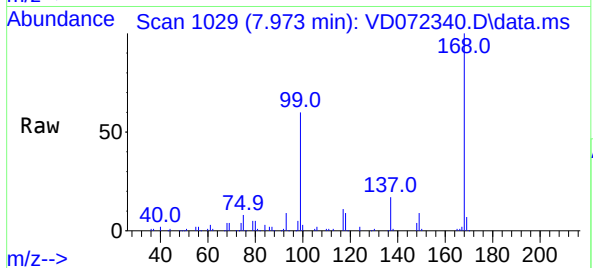
Tgt Ion: 56 Resp: 9322

Ion Ratio Lower Upper

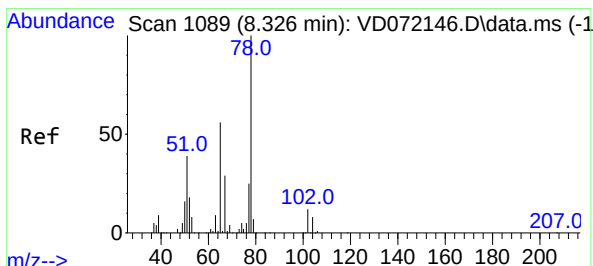
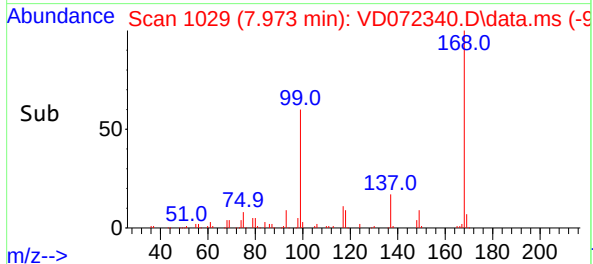
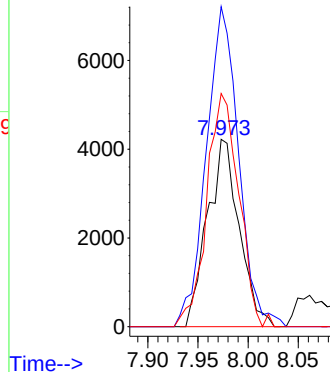
56 100

69 167.0 25.4 38.2#

84 124.5 63.0 94.4#



Abundance



#33

1,2-Dichloroethane-d4

Concen: 48.184 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD072340.D

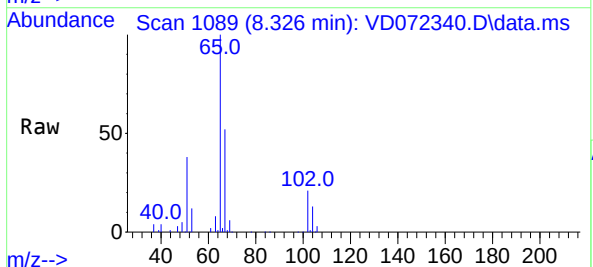
Acq: 21 Mar 2022 15:10

Tgt Ion: 65 Resp: 200869

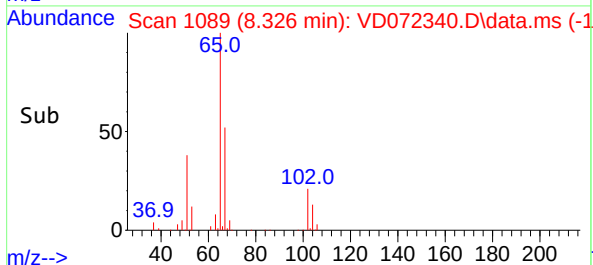
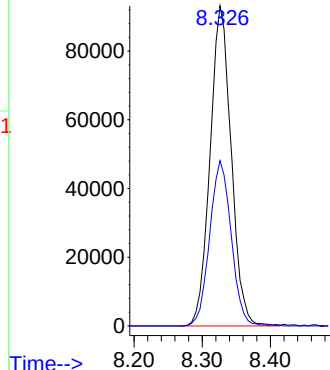
Ion Ratio Lower Upper

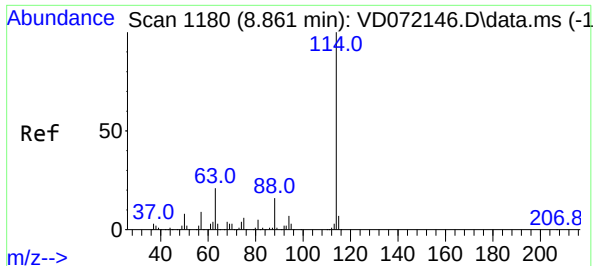
65 100

67 52.5 0.0 101.4



Abundance





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072340.D

Acq: 21 Mar 2022 15:10

Instrument :

MSVOA_D

ClientSampleId :

CP-BH2-031422-0-1

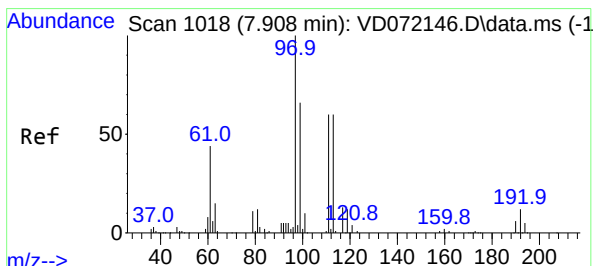
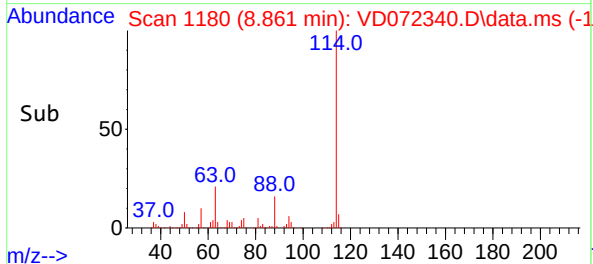
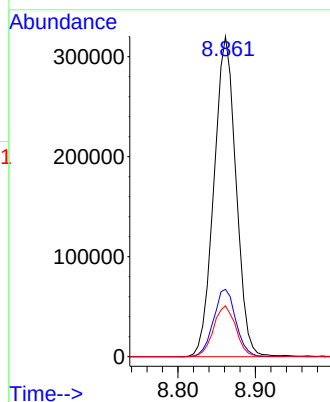
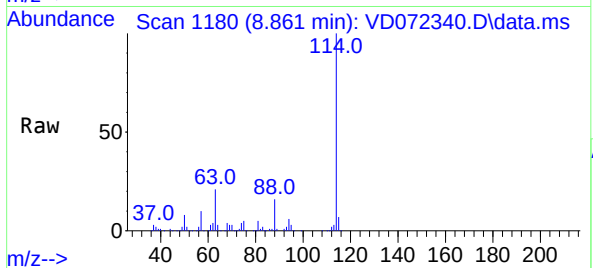
Tgt Ion:114 Resp: 631763

Ion Ratio Lower Upper

114 100

63 21.1 0.0 46.6

88 15.9 0.0 33.2



#35

Dibromofluoromethane

Concen: 45.452 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072340.D

Acq: 21 Mar 2022 15:10

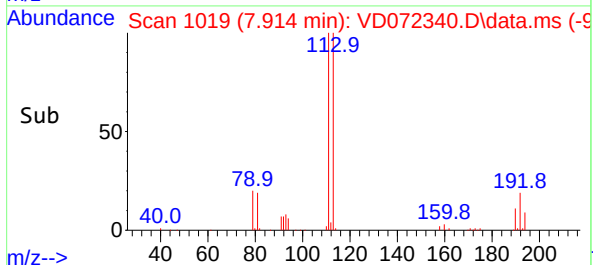
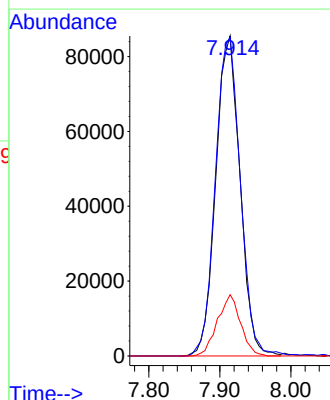
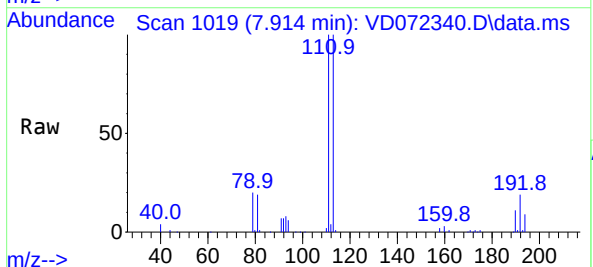
Tgt Ion:113 Resp: 202067

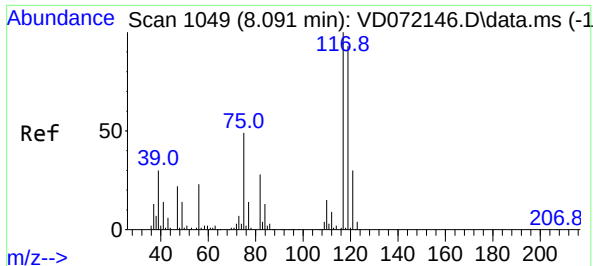
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

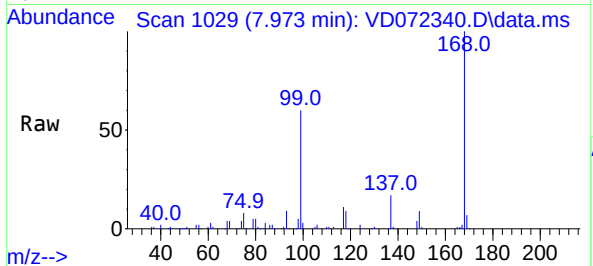
192 18.3 14.6 21.8



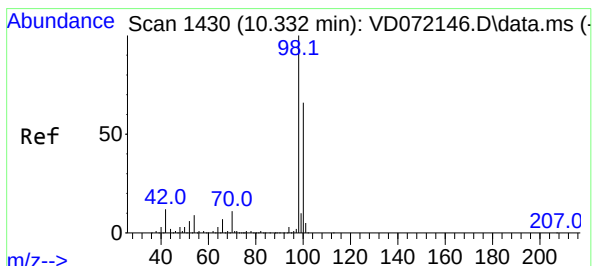
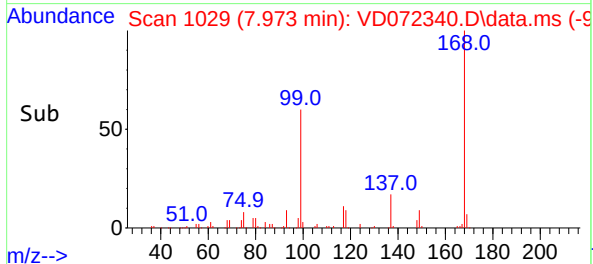
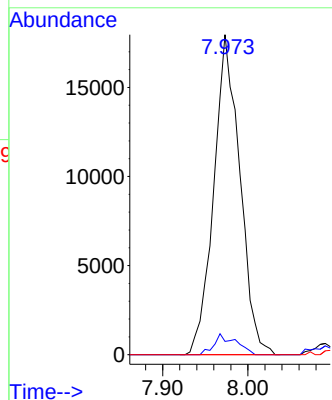


#38
Carbon Tetrachloride
Concen: 5.397 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD072340.D
Acq: 21 Mar 2022 15:10

Instrument :
MSVOA_D
ClientSampleId :
CP-BH2-031422-0-1

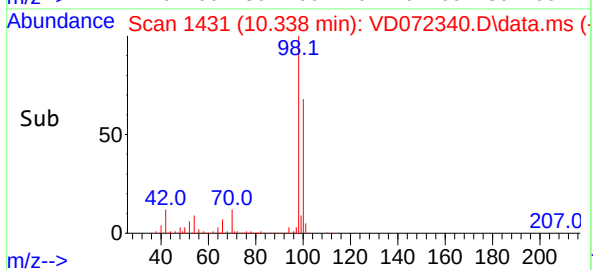
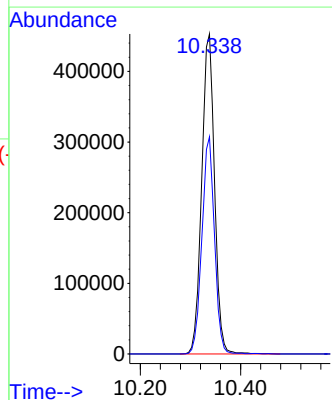
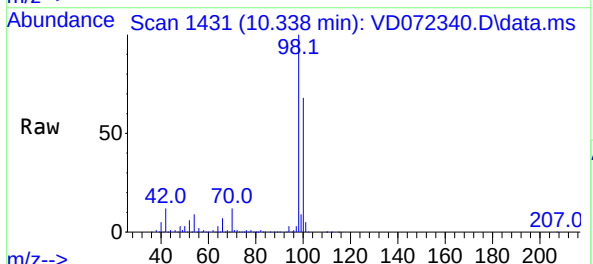


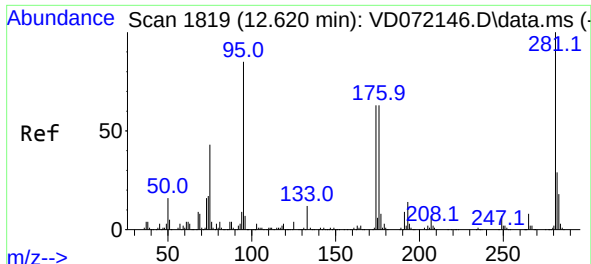
Tgt Ion:117 Resp: 38261
Ion Ratio Lower Upper
117 100
119 4.1 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 49.418 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072340.D
Acq: 21 Mar 2022 15:10

Tgt Ion: 98 Resp: 803336
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



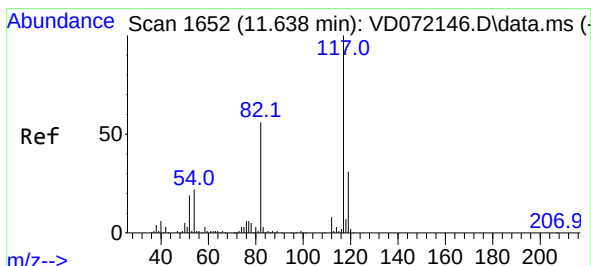
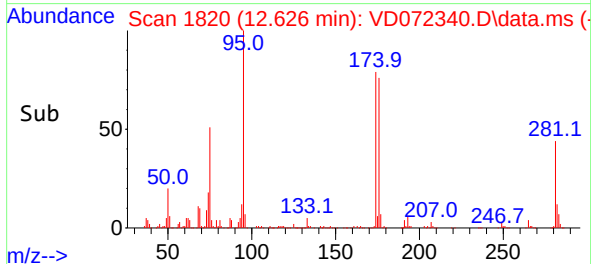
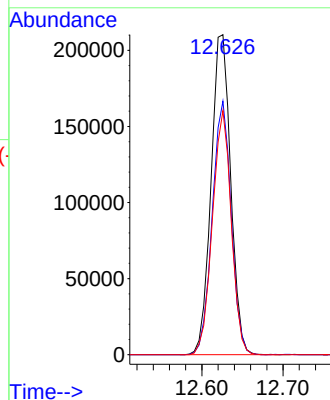
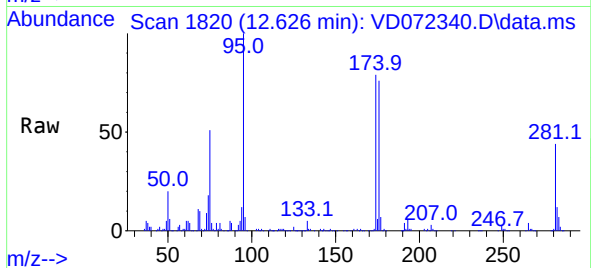


#62
4-Bromofluorobenzene
Concen: 55.808 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072340.D
Acq: 21 Mar 2022 15:10

Instrument :
MSVOA_D
ClientSampleId :
CP-BH2-031422-0-1

Tgt Ion: 95 Resp: 352502

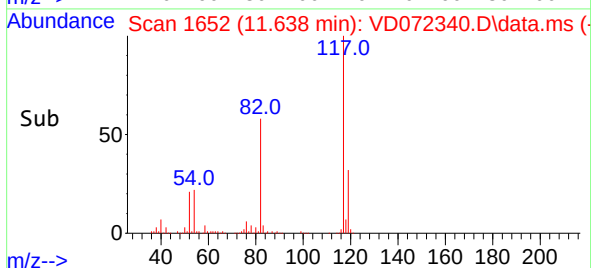
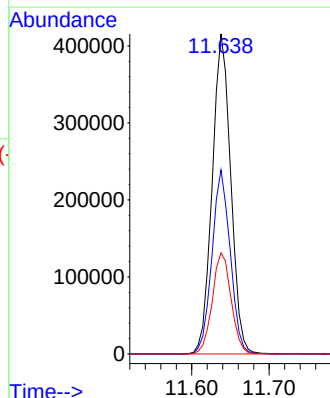
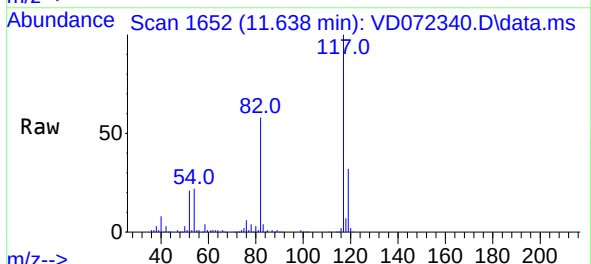
Ion	Ratio	Lower	Upper
95	100		
174	76.7	0.0	152.8
176	73.2	0.0	145.4

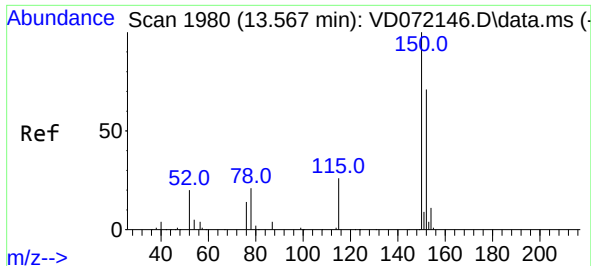


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072340.D
Acq: 21 Mar 2022 15:10

Tgt Ion: 117 Resp: 691519

Ion	Ratio	Lower	Upper
117	100		
82	57.5	45.3	67.9
119	31.6	26.6	40.0

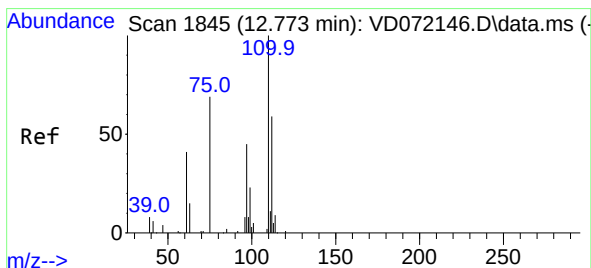
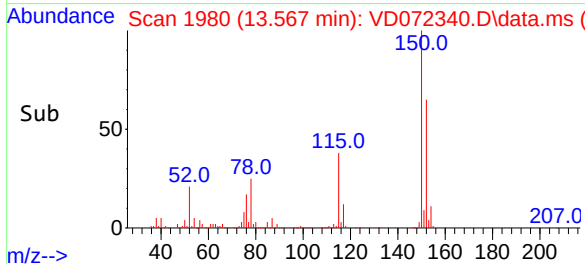
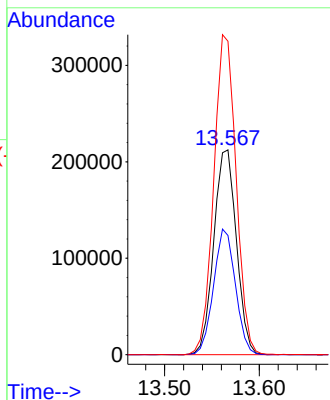
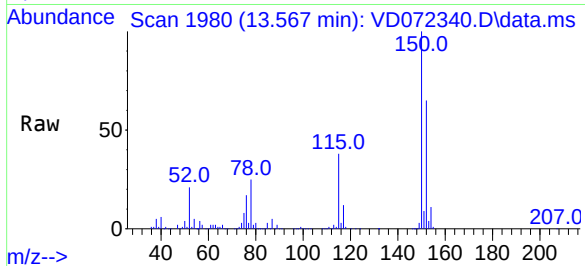




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072340.D
Acq: 21 Mar 2022 15:10

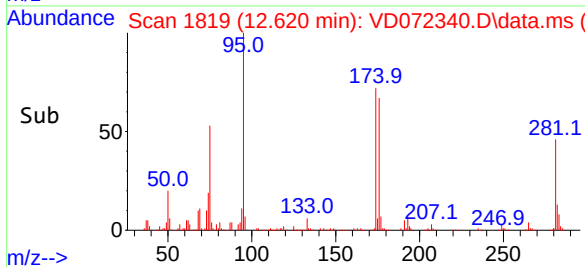
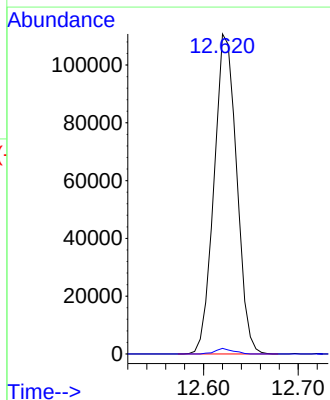
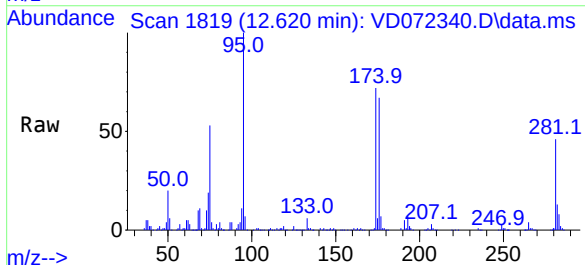
Instrument :
MSVOA_D
ClientSampleId :
CP-BH2-031422-0-1

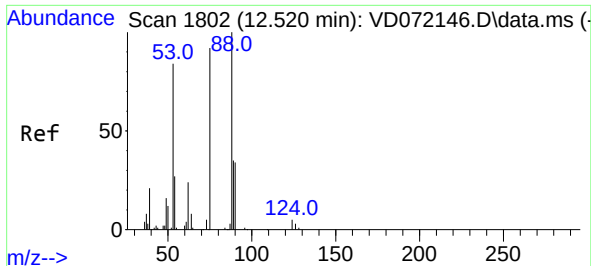
Tgt Ion:152 Resp: 353576
Ion Ratio Lower Upper
152 100
115 59.2 31.3 93.8
150 154.2 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 47.177 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072340.D
Acq: 21 Mar 2022 15:10

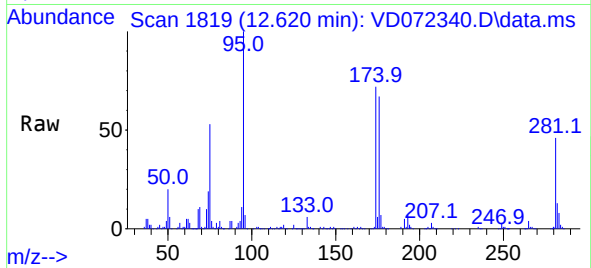
Tgt Ion: 75 Resp: 184003
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.051 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD072340.D
 Acq: 21 Mar 2022 15:10

Instrument :
 MSVOA_D
 ClientSampleId :
 CP-BH2-031422-0-1



Tgt Ion: 75 Resp: 184003
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.2 33.9 50.9#

