

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051222\
 Data File : VD072960.D
 Acq On : 12 May 2022 21:13
 Operator : VA/SY
 Sample : N2817-02
 Misc : 4.25G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: May 13 05:58:29 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)

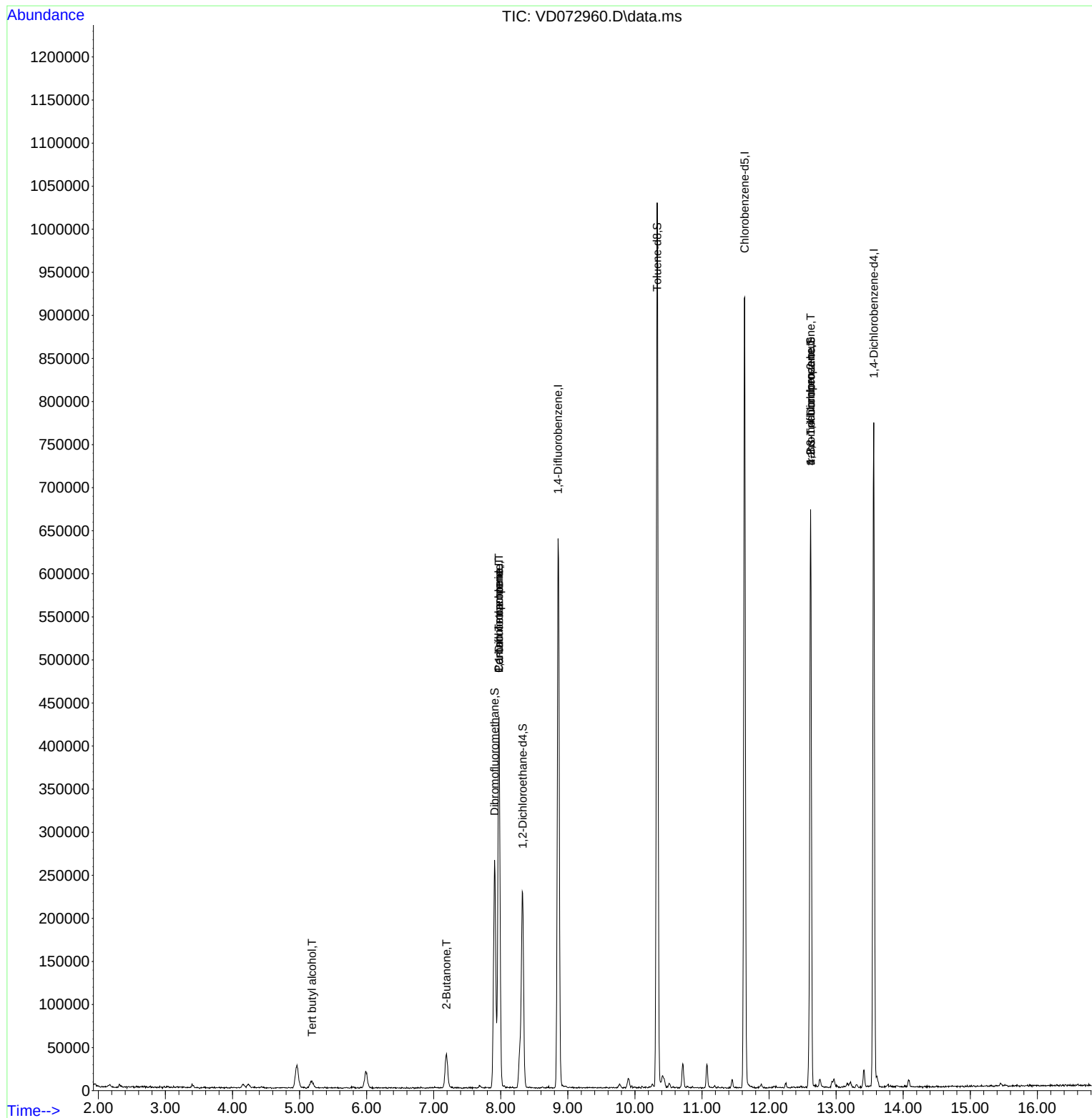
Internal Standards						
1) Pentafluorobenzene	7.973	168	310031	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	551668	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	531414	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	202019	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	181005	44.976	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	89.960%		
35) Dibromofluoromethane	7.908	113	189773	48.981	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	97.960%		
50) Toluene-d8	10.332	98	673285	48.445	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.880%		
62) 4-Bromofluorobenzene	12.620	95	220330	42.517	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	85.040%		
Target Compounds						
5) Bromomethane	2.779	94	680	Below Cal	#	47
11) Tert butyl alcohol	5.185	59	8597	24.690	ug/l #	74
16) Acetone	4.150	43	7966	Below Cal	#	73
18) Methyl Acetate	4.561	43	67	Below Cal	#	55
20) Methylene Chloride	4.961	84	20154	Below Cal		93
25) 2-Butanone	7.191	43	1740	1.484	ug/l #	52
36) 1,1-Dichloropropene	7.973	75	25151	3.992	ug/l #	53
38) Carbon Tetrachloride	7.973	117	34514	5.278	ug/l #	17
76) 1,2,3-Trichloropropane	12.620	75	115228	51.152	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	115228	117.630	ug/l #	7

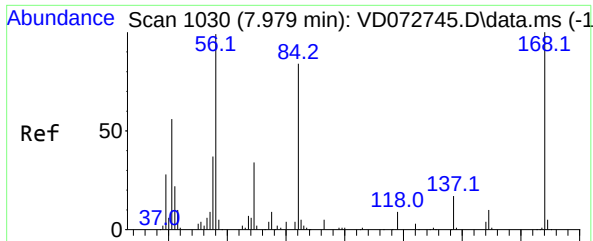
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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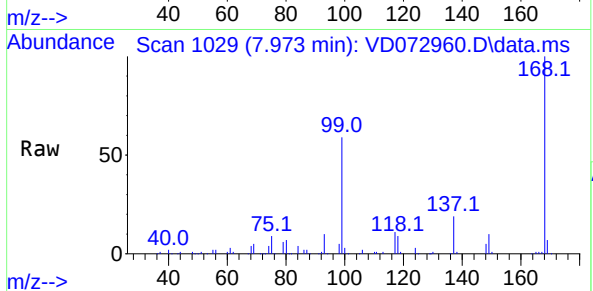
Quant Time: May 13 05:58:29 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
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QLast Update : Tue May 03 08:33:49 2022
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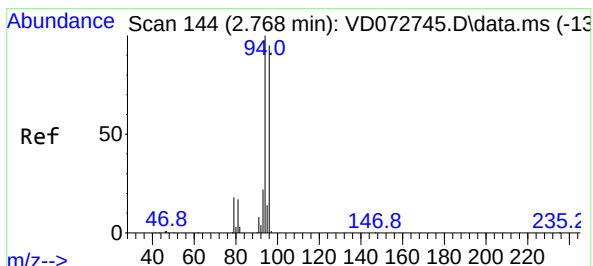
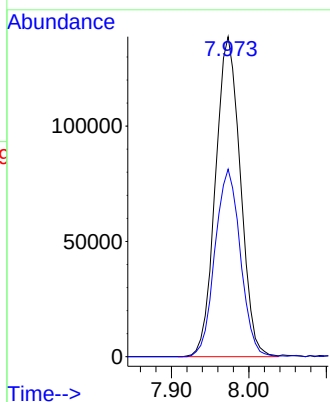
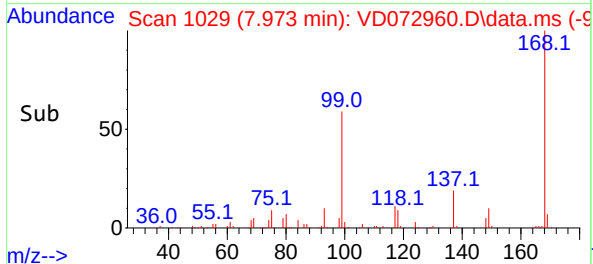


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD072960.D
Acq: 12 May 2022 21:13

Instrument :
MSVOA_D
ClientSampleId :

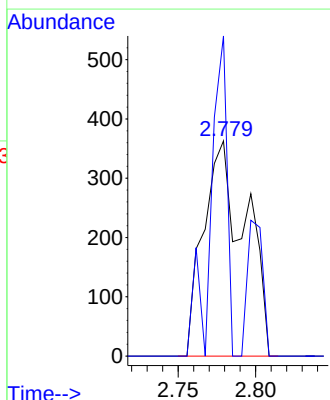
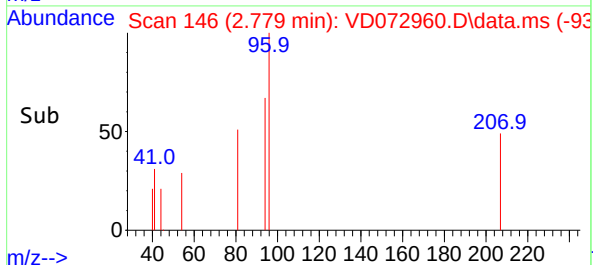
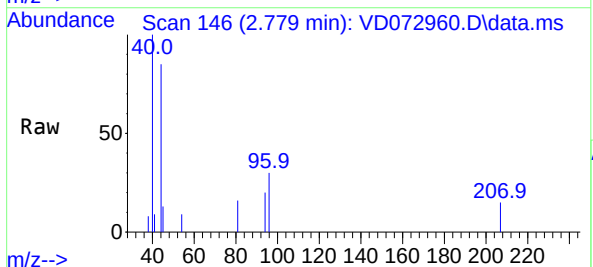


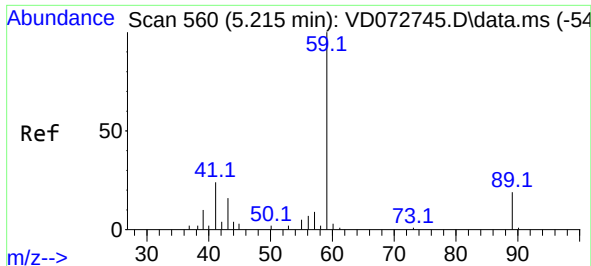
Tgt Ion:168 Resp: 310031
Ion Ratio Lower Upper
168 100
99 58.6 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD072960.D
Acq: 12 May 2022 21:13

Tgt Ion: 94 Resp: 680
Ion Ratio Lower Upper
94 100
96 148.8 77.6 116.4#





#11

Tert butyl alcohol

Concen: 24.690 ug/l

RT: 5.185 min Scan# 51

Delta R.T. -0.030 min

Lab File: VD072960.D

Acq: 12 May 2022 21:13

Instrument :

MSVOA_D

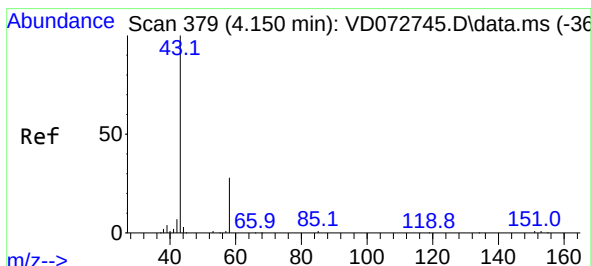
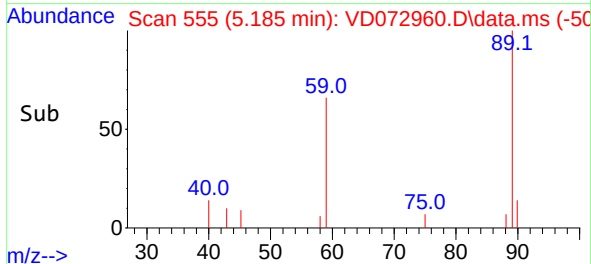
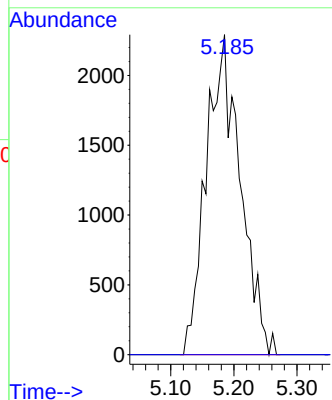
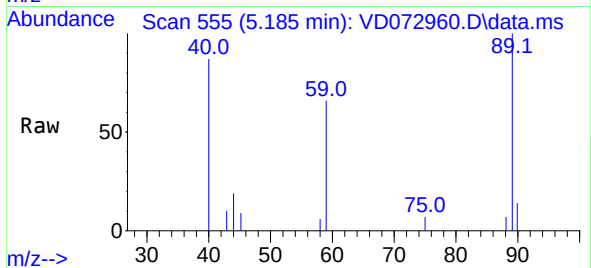
ClientSampleId :

Tgt Ion: 59 Resp: 8597

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#16

Acetone

Concen: Below Cal

RT: 4.150 min Scan# 379

Delta R.T. -0.000 min

Lab File: VD072960.D

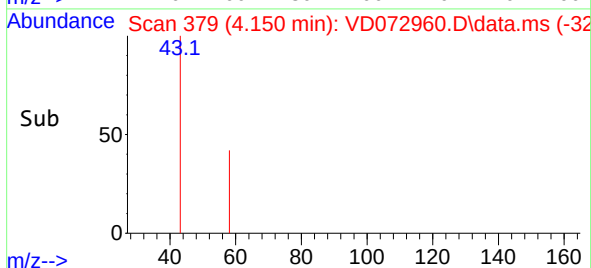
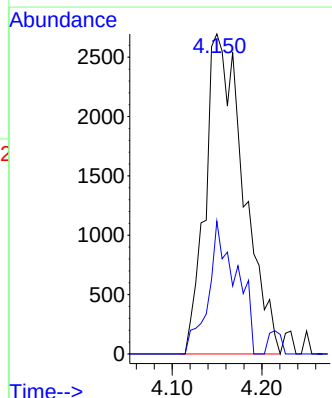
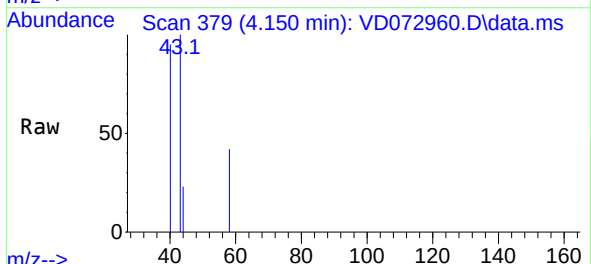
Acq: 12 May 2022 21:13

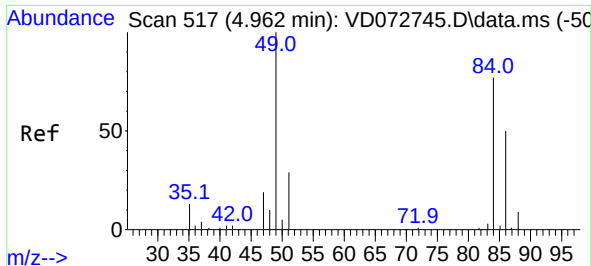
Tgt Ion: 43 Resp: 7966

Ion Ratio Lower Upper

43 100

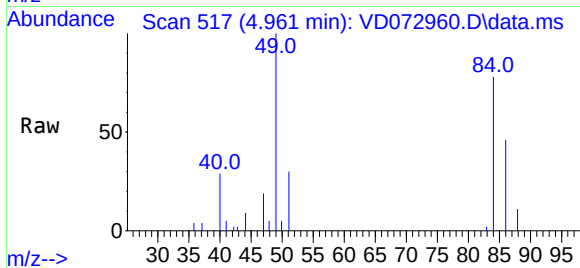
58 41.5 22.1 33.1#





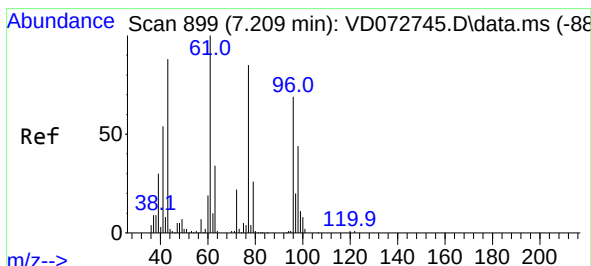
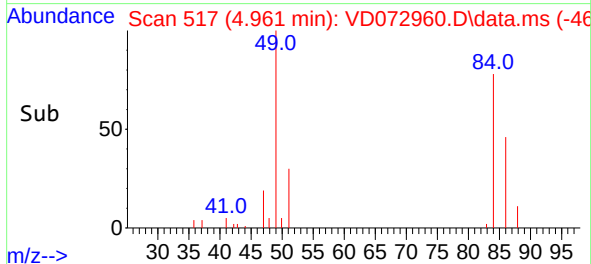
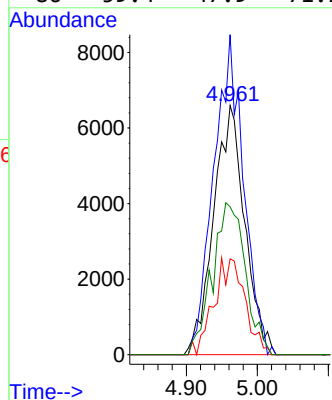
#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD072960.D
Acq: 12 May 2022 21:13

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 20154

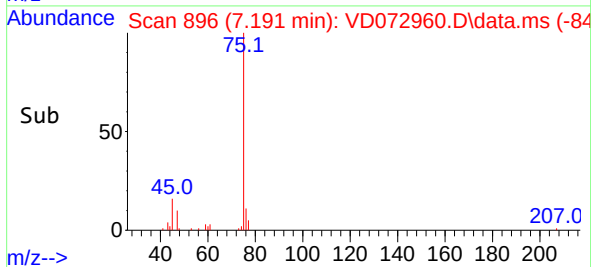
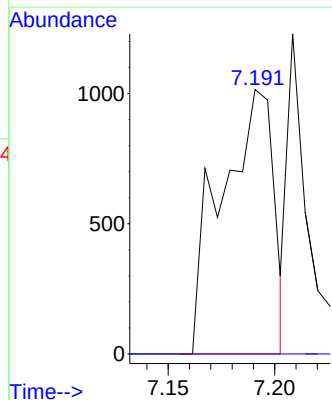
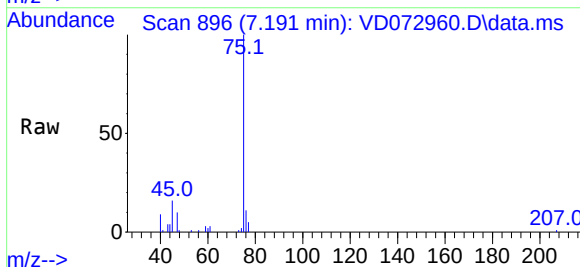
Ion	Ratio	Lower	Upper
84	100		
49	128.4	112.8	169.2
51	38.4	32.6	48.8
86	59.4	47.9	71.9

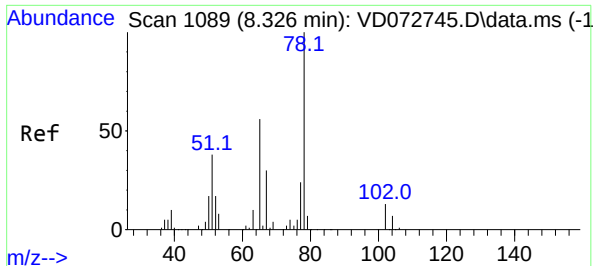


#25
2-Butanone
Concen: 1.484 ug/l
RT: 7.191 min Scan# 896
Delta R.T. -0.018 min
Lab File: VD072960.D
Acq: 12 May 2022 21:13

Tgt Ion: 43 Resp: 1740

Ion	Ratio	Lower	Upper
43	100		
72	0.0	18.6	27.8





#33

1,2-Dichloroethane-d4

Concen: 44.976 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD072960.D

Acq: 12 May 2022 21:13

Instrument :

MSVOA_D

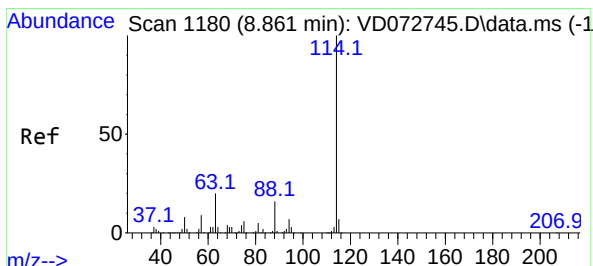
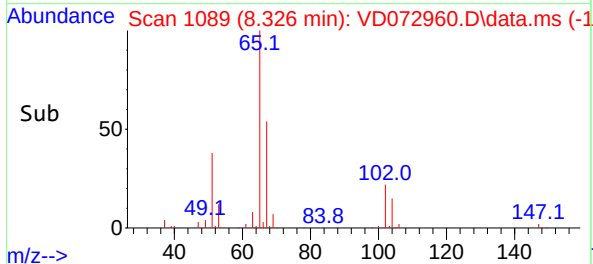
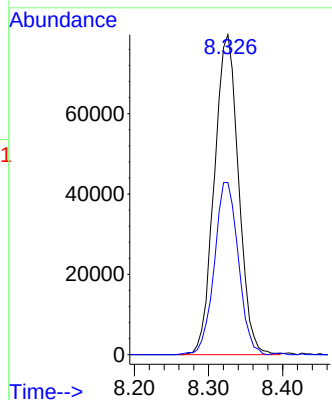
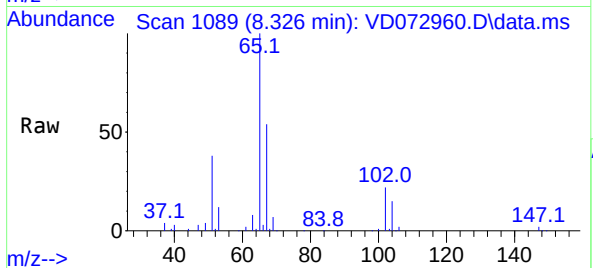
ClientSampleId :

Tgt Ion: 65 Resp: 181005

Ion Ratio Lower Upper

65 100

67 53.4 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: VD072960.D

Acq: 12 May 2022 21:13

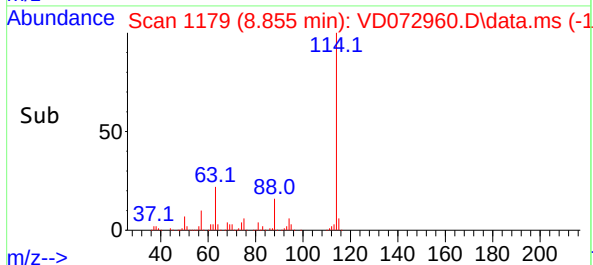
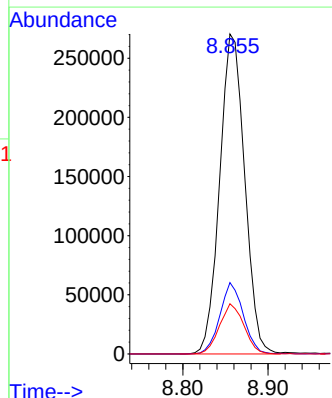
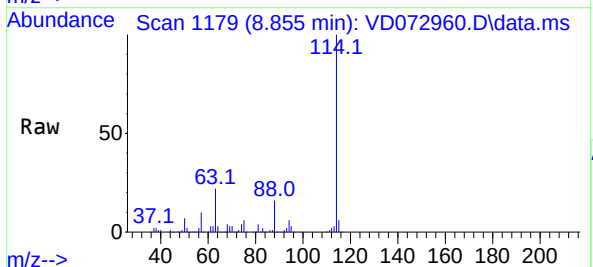
Tgt Ion: 114 Resp: 551668

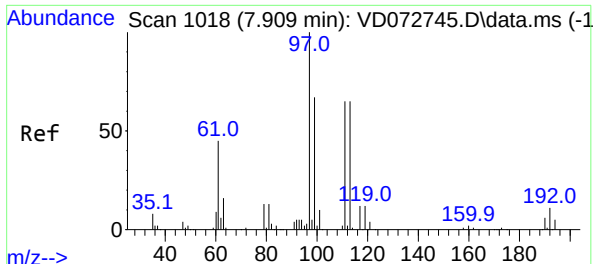
Ion Ratio Lower Upper

114 100

63 22.3 0.0 46.6

88 15.7 0.0 33.2





#35

Dibromofluoromethane

Concen: 48.981 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072960.D

Acq: 12 May 2022 21:13

Instrument :

MSVOA_D

ClientSampleId :

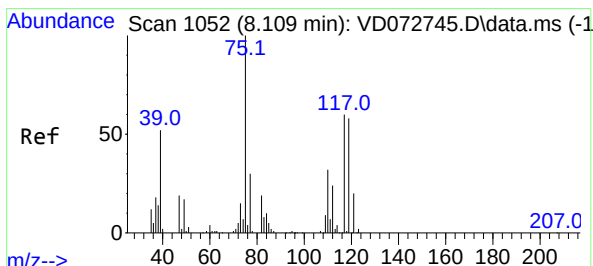
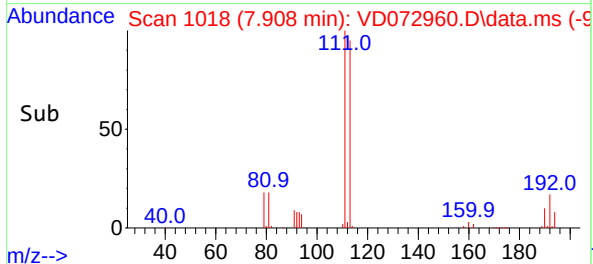
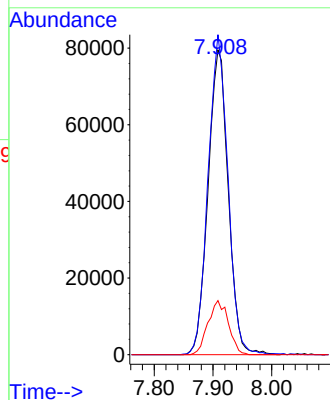
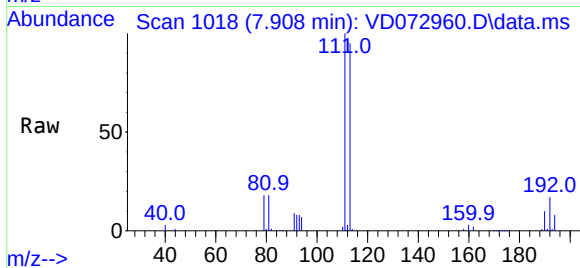
Tgt Ion:113 Resp: 189773

Ion Ratio Lower Upper

113 100

111 102.7 83.8 125.6

192 18.0 14.6 21.8



#36

1,1-Dichloropropene

Concen: 3.992 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.136 min

Lab File: VD072960.D

Acq: 12 May 2022 21:13

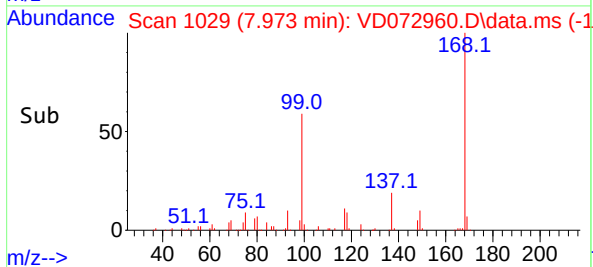
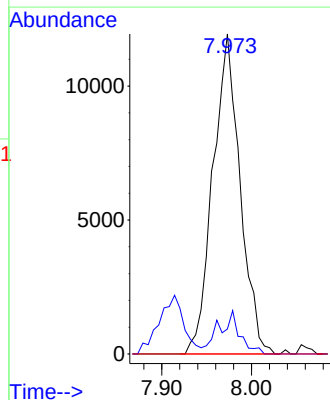
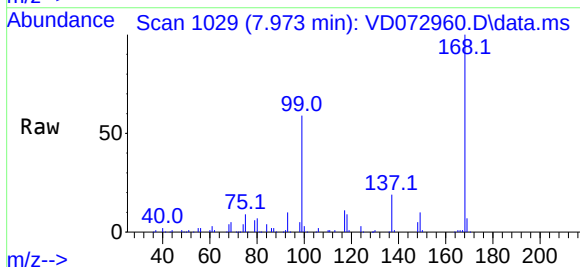
Tgt Ion: 75 Resp: 25151

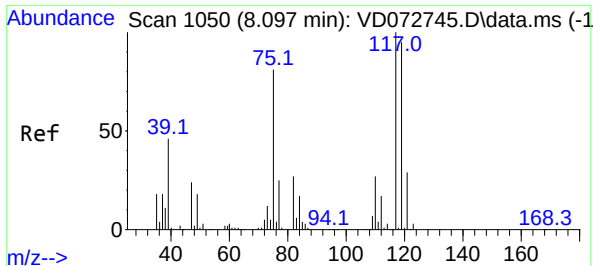
Ion Ratio Lower Upper

75 100

110 10.4 16.4 49.1#

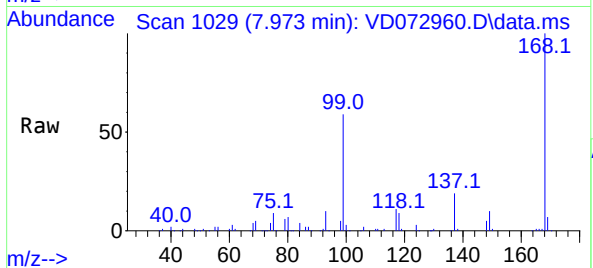
77 0.0 24.2 36.2#



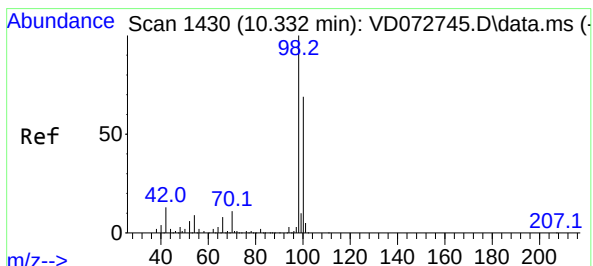
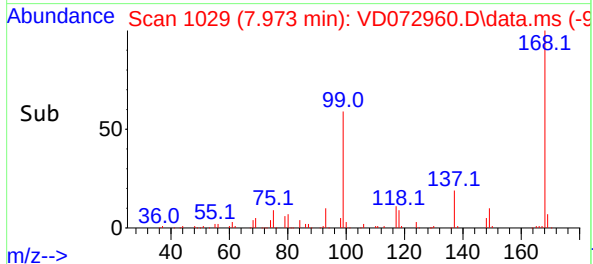
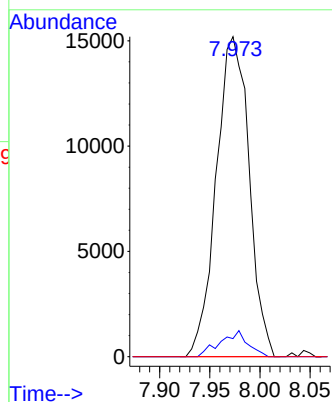


#38
Carbon Tetrachloride
Concen: 5.278 ug/l
RT: 7.973 min Scan# 1050
Delta R.T. -0.124 min
Lab File: VD072960.D
Acq: 12 May 2022 21:13

Instrument :
MSVOA_D
ClientSampleId :

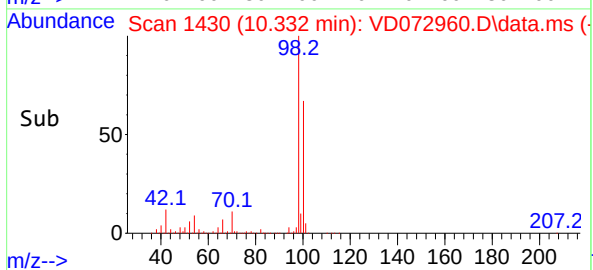
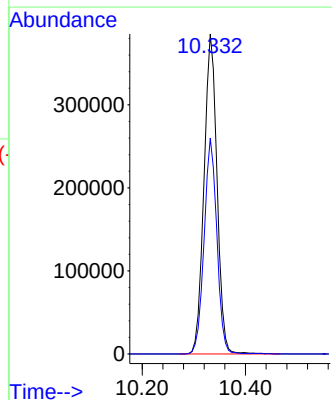
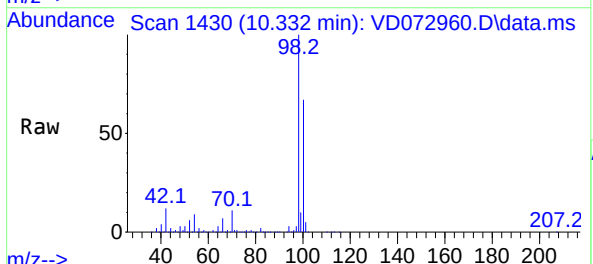


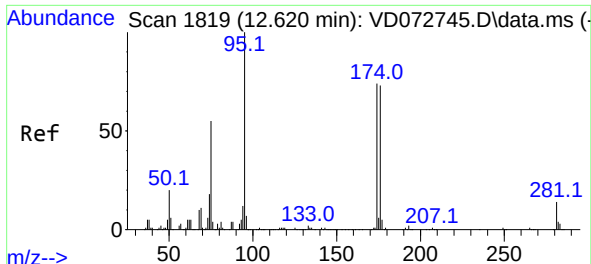
Tgt Ion:117 Resp: 34514
Ion Ratio Lower Upper
117 100
119 5.6 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 48.445 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072960.D
Acq: 12 May 2022 21:13

Tgt Ion: 98 Resp: 673285
Ion Ratio Lower Upper
98 100
100 66.0 52.4 78.6

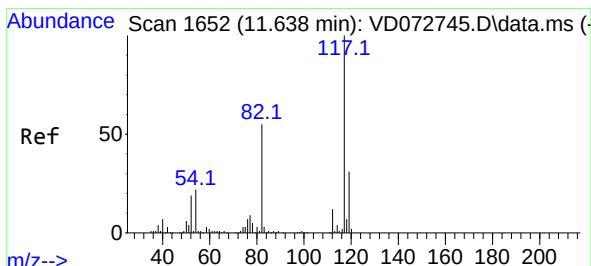
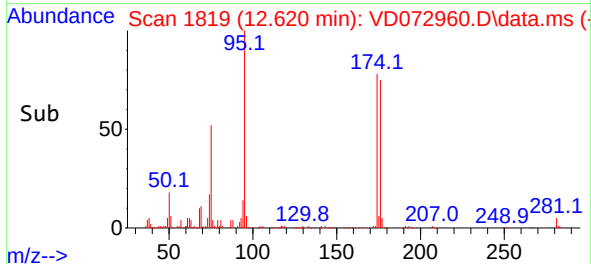
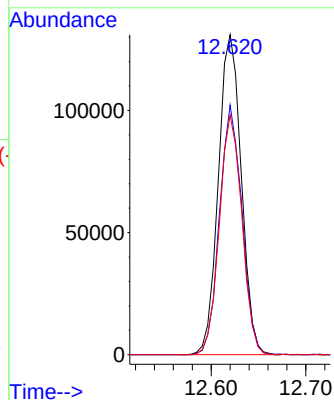
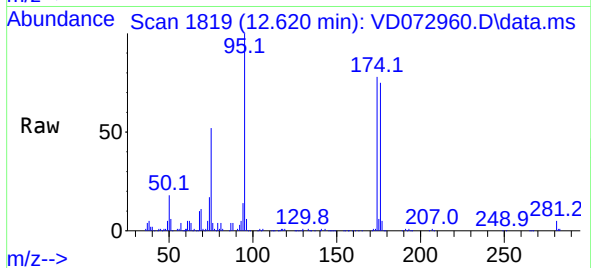




#62
4-Bromofluorobenzene
Concen: 42.517 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072960.D
Acq: 12 May 2022 21:13

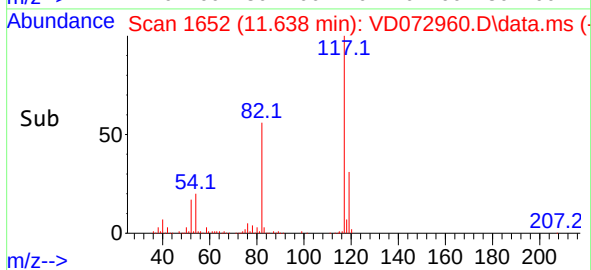
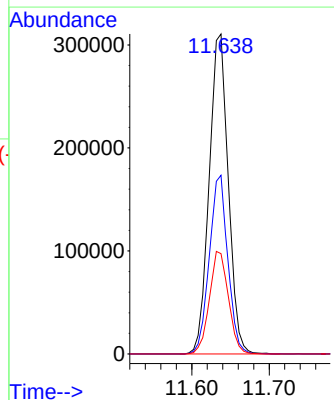
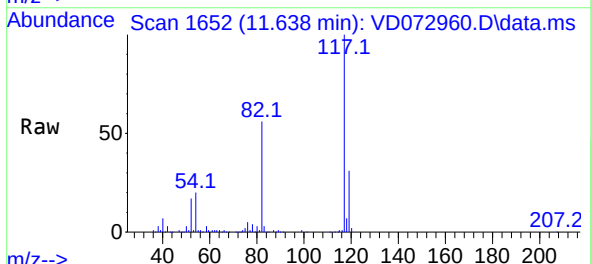
Instrument :
MSVOA_D
ClientSampleId :

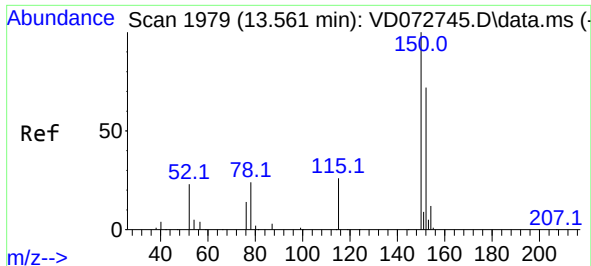
Tgt Ion: 95 Resp: 220330
Ion Ratio Lower Upper
95 100
174 76.2 0.0 152.8
176 73.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072960.D
Acq: 12 May 2022 21:13

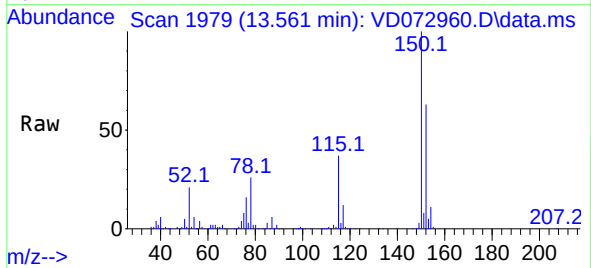
Tgt Ion: 117 Resp: 531414
Ion Ratio Lower Upper
117 100
82 55.9 45.3 67.9
119 31.4 26.6 40.0



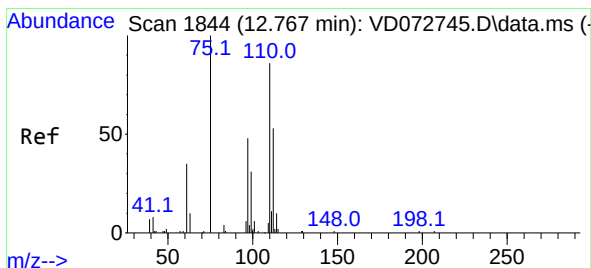
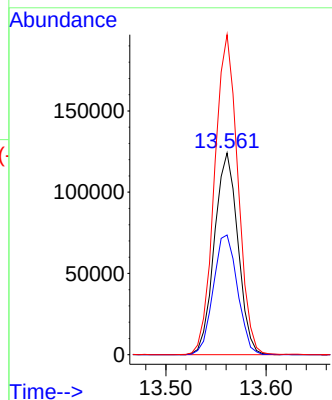
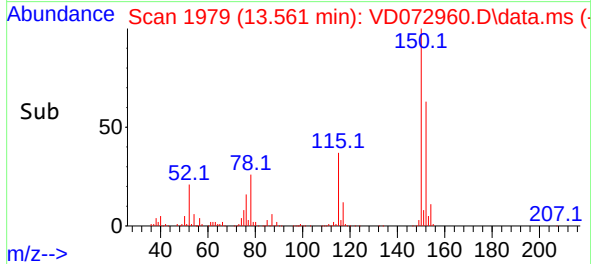


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD072960.D
Acq: 12 May 2022 21:13

Instrument :
MSVOA_D
ClientSampleId :

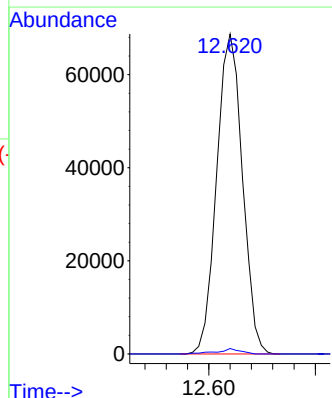
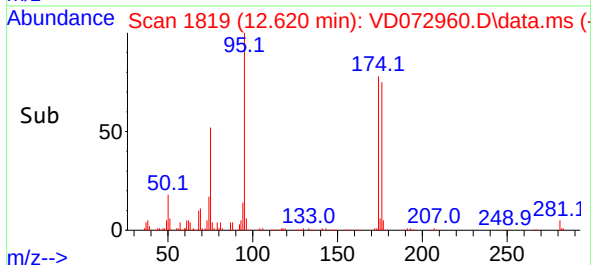
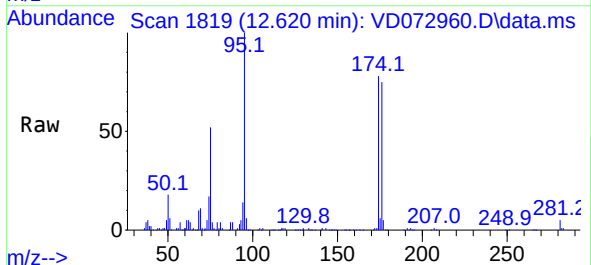


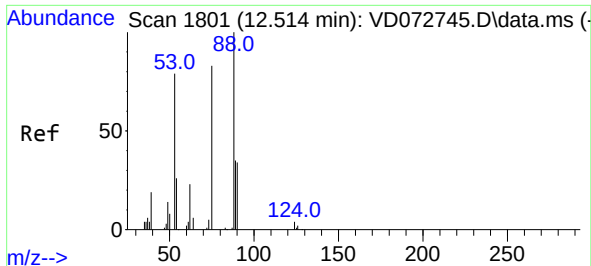
Tgt Ion:152 Resp: 202019
Ion Ratio Lower Upper
152 100
115 61.2 31.3 93.8
150 157.8 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 51.152 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD072960.D
Acq: 12 May 2022 21:13

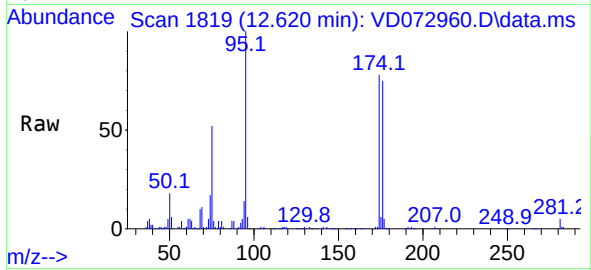
Tgt Ion: 75 Resp: 115228
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 117.630 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD072960.D
 Acq: 12 May 2022 21:13

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 115228

Ion	Ratio	Lower	Upper
75	100		
53	0.6	86.5	129.7#
89	0.0	33.9	50.9#

