

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
 Data File : VD073245.D
 Acq On : 21 May 2022 22:49
 Operator : VA/SY
 Sample : M2920-06
 Misc : 4.22G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS001-0006-01

Quant Time: May 22 01:35:12 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)

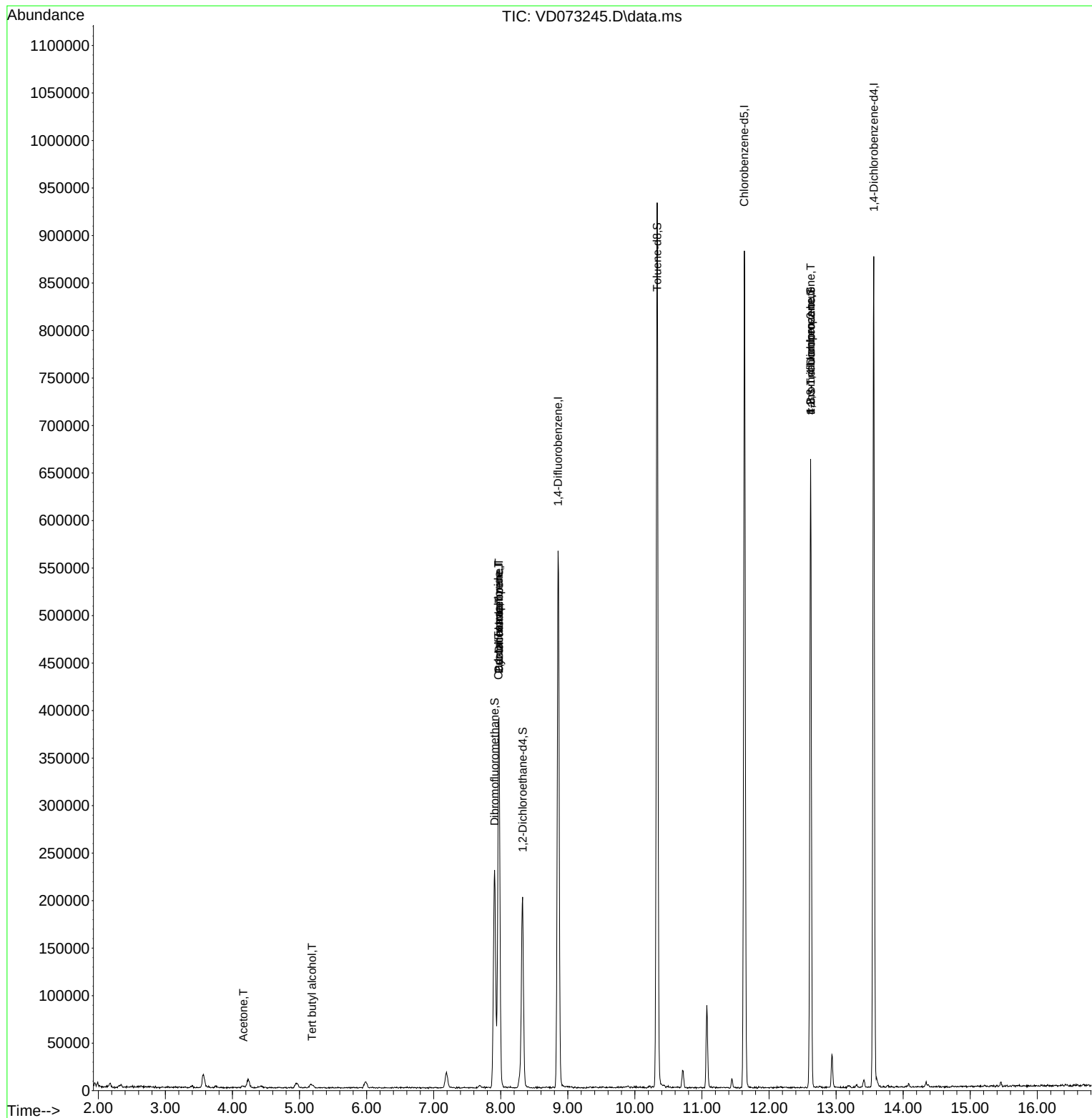
Internal Standards						
1) Pentafluorobenzene	7.973	168	277199	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	485580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	508738	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	222985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	151076	49.316	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.640%
35) Dibromofluoromethane	7.908	113	165465	51.640	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.280%
50) Toluene-d8	10.332	98	604632	51.191	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.380%
62) 4-Bromofluorobenzene	12.620	95	215688	52.034	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	104.060%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	270	Below Cal	#	66
11) Tert butyl alcohol	5.185	59	3843	8.086	ug/l #	74
16) Acetone	4.162	43	3725	7.020	ug/l	98
20) Methylene Chloride	4.956	84	4419	Below Cal	#	65
31) Cyclohexane	7.973	56	6505	1.215	ug/l #	1
36) 1,1-Dichloropropene	7.973	75	23546	4.886	ug/l #	52
38) Carbon Tetrachloride	7.967	117	30630	6.270	ug/l #	15
76) 1,2,3-Trichloropropane	12.620	75	107740	49.244	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	107740	118.220	ug/l #	7

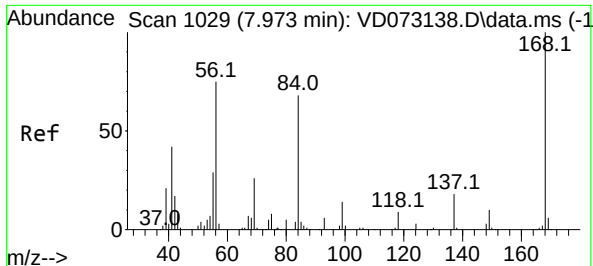
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052122\
Data File : VD073245.D
Acq On : 21 May 2022 22:49
Operator : VA/SY
Sample : M2920-06
Misc : 4.22G/5.00ml/MSVOA_D/SOIL
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-0006-01

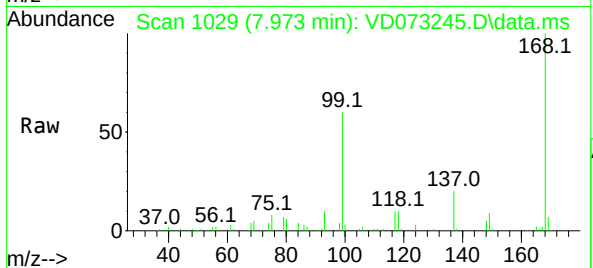
Quant Time: May 22 01:35:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
Quant Title : SW846 8260
QLast Update : Thu May 19 15:13:42 2022
Response via : Initial Calibration



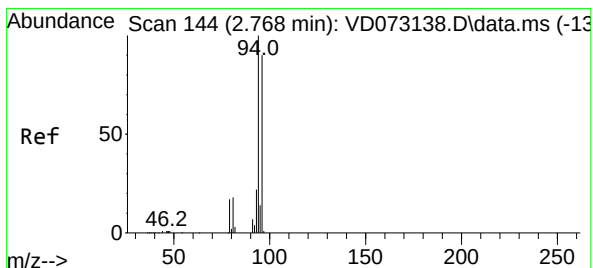
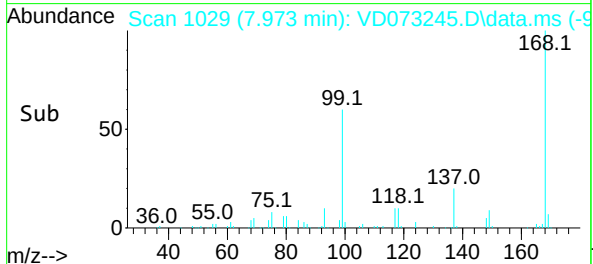
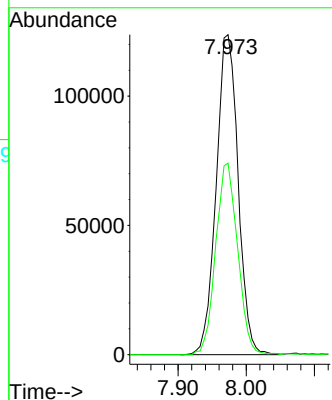


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073245.D
Acq: 21 May 2022 22:49

Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-0006-01

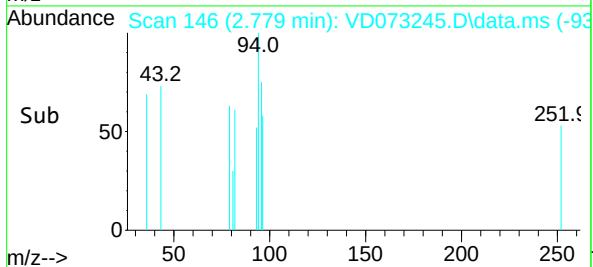
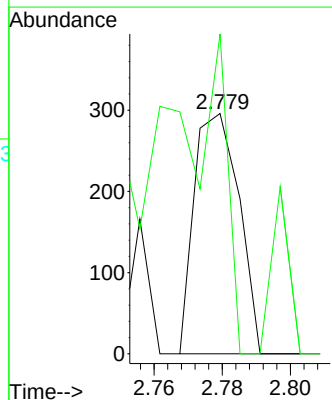
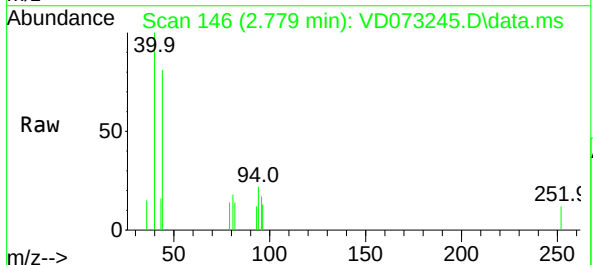


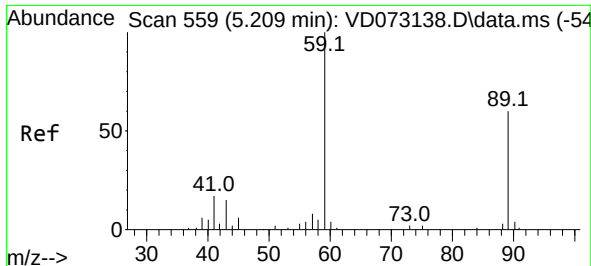
Tgt Ion:168 Resp: 277199
Ion Ratio Lower Upper
168 100
99 59.8 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073245.D
Acq: 21 May 2022 22:49

Tgt Ion: 94 Resp: 270
Ion Ratio Lower Upper
94 100
96 63.5 77.6 116.4#

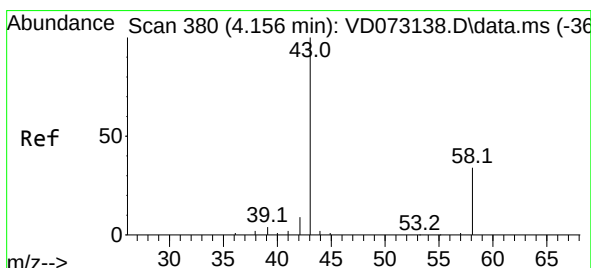
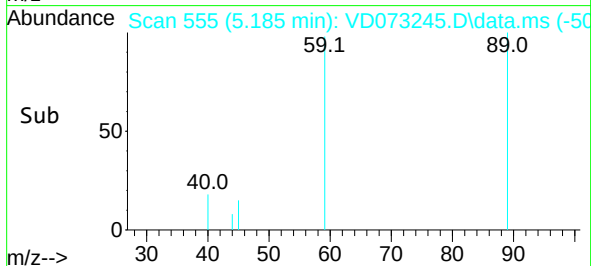
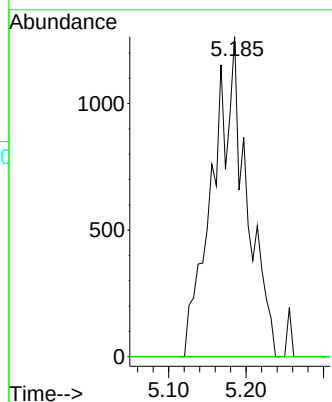
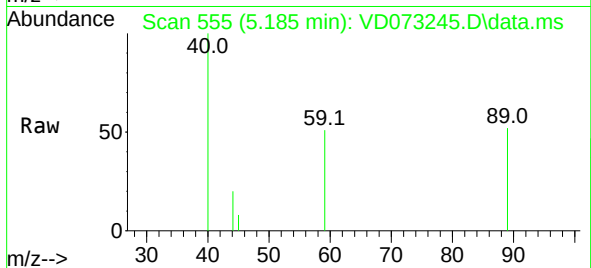




#11
Tert butyl alcohol
Concen: 8.086 ug/l
RT: 5.185 min Scan# 51
Delta R.T. -0.024 min
Lab File: VD073245.D
Acq: 21 May 2022 22:49

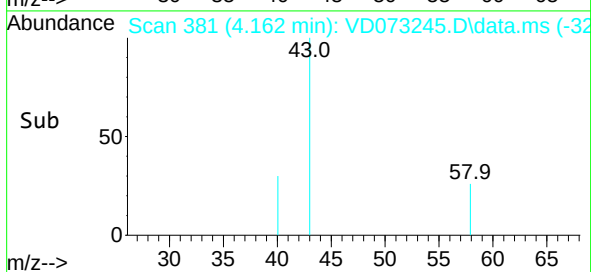
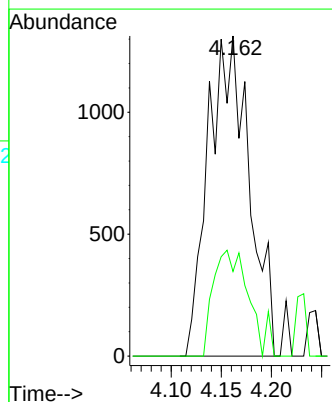
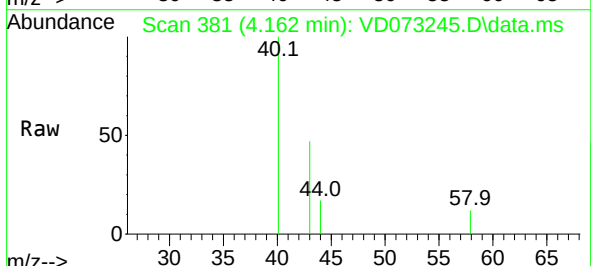
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-0006-01

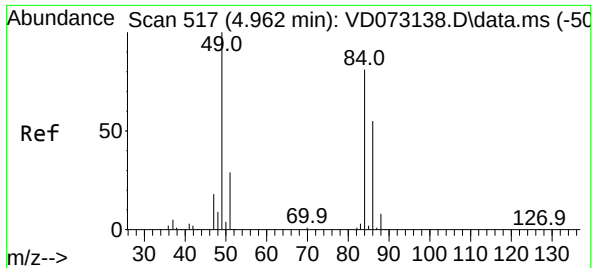
Tgt Ion: 59 Resp: 3843
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 7.020 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD073245.D
Acq: 21 May 2022 22:49

Tgt Ion: 43 Resp: 3725
Ion Ratio Lower Upper
43 100
58 26.4 22.1 33.1





#20

Methylene Chloride

Concen: Below Cal

RT: 4.956 min Scan# 51

Delta R.T. -0.006 min

Lab File: VD073245.D

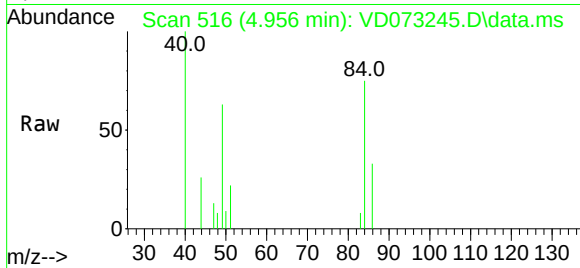
Acq: 21 May 2022 22:49

Instrument :

MSVOA_D

ClientSampleId :

P024-SS001-0006-01



Tgt Ion: 84 Resp: 4419

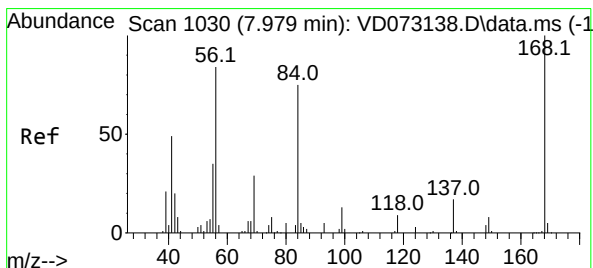
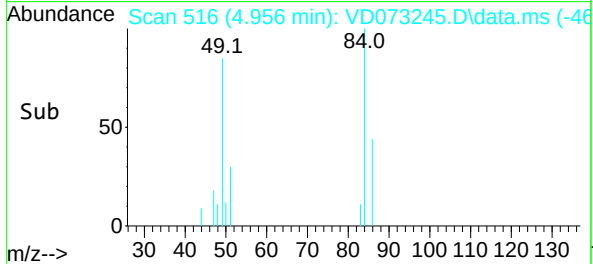
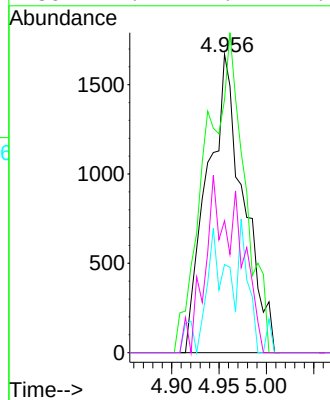
Ion Ratio Lower Upper

84 100

49 84.7 112.8 169.2#

51 29.5 32.6 48.8#

86 44.2 47.9 71.9#



#31

Cyclohexane

Concen: 1.215 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073245.D

Acq: 21 May 2022 22:49

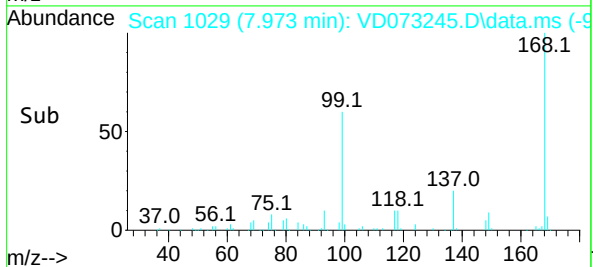
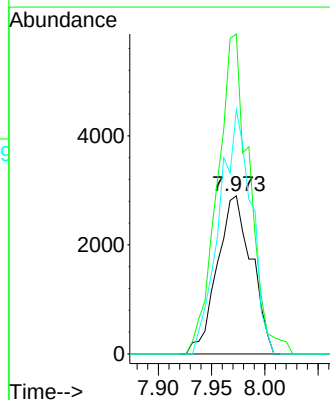
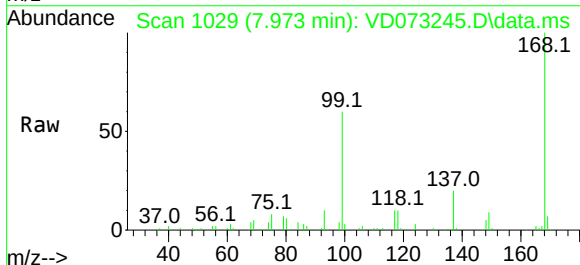
Tgt Ion: 56 Resp: 6505

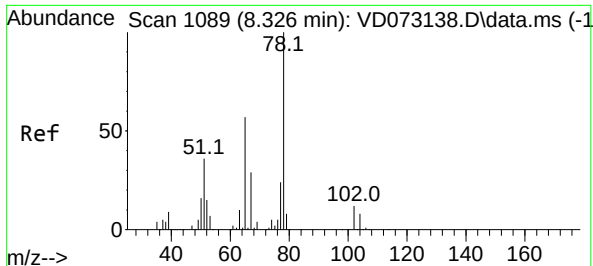
Ion Ratio Lower Upper

56 100

69 202.4 25.4 38.2#

84 154.4 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 49.316 ug/l

RT: 8.326 min Scan# 1107

Delta R.T. 0.000 min

Lab File: VD073245.D

Acq: 21 May 2022 22:49

Instrument :

MSVOA_D

ClientSampleId :

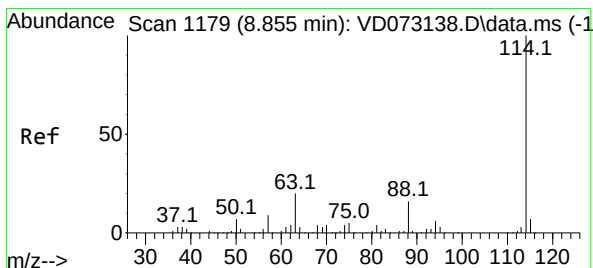
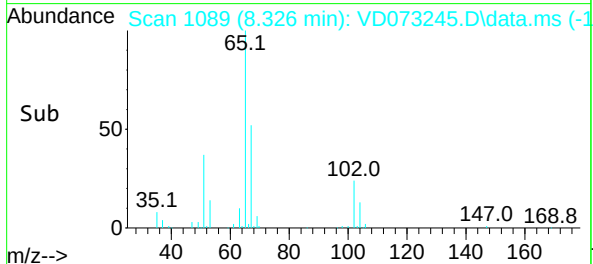
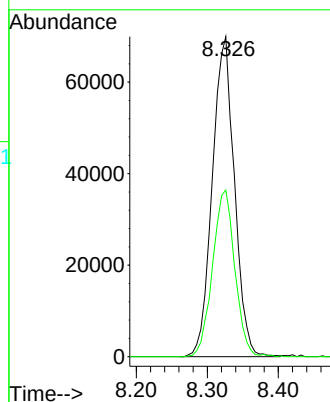
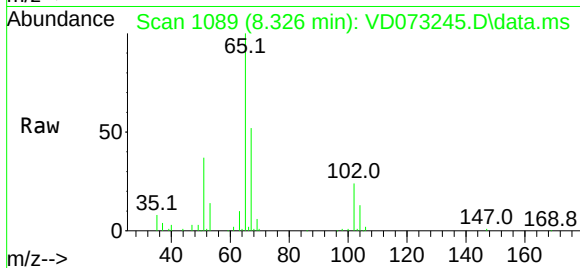
P024-SS001-0006-01

Tgt Ion: 65 Resp: 151076

Ion Ratio Lower Upper

65 100

67 52.5 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: VD073245.D

Acq: 21 May 2022 22:49

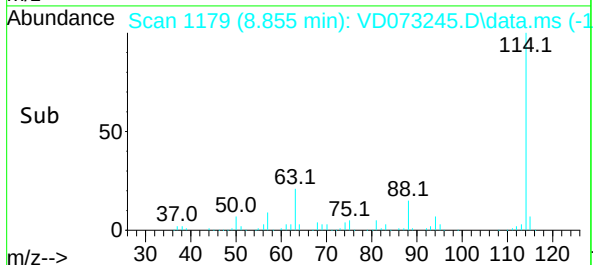
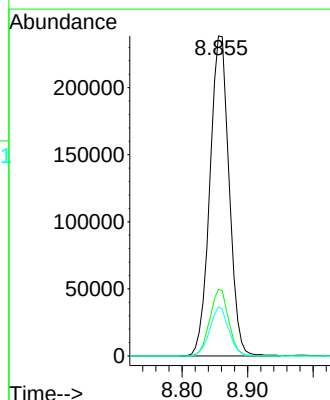
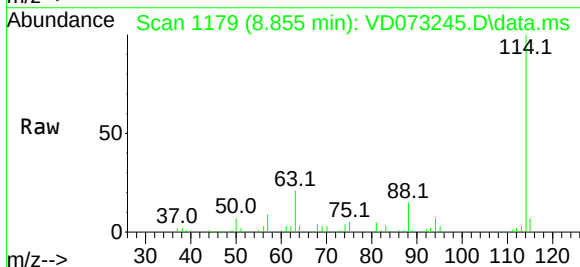
Tgt Ion: 114 Resp: 485580

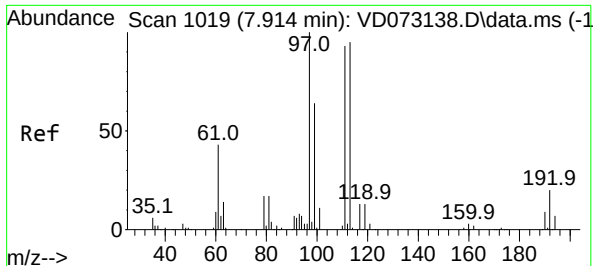
Ion Ratio Lower Upper

114 100

63 20.8 0.0 46.6

88 15.3 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.640 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073245.D

Acq: 21 May 2022 22:49

Instrument :

MSVOA_D

ClientSampleId :

P024-SS001-0006-01

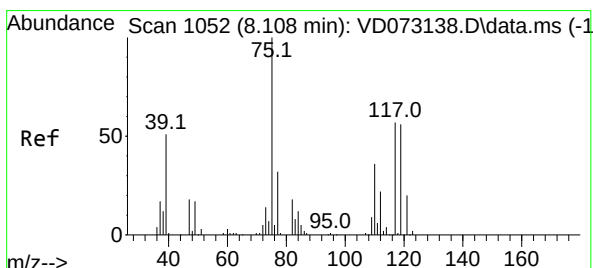
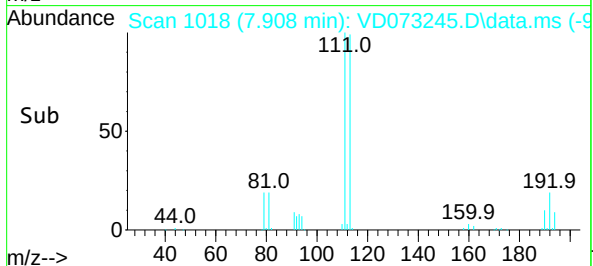
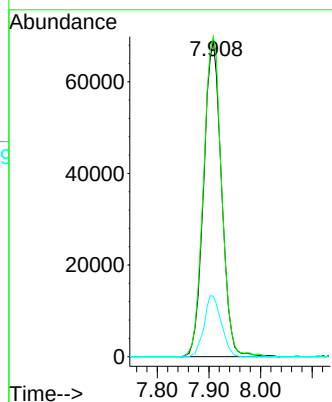
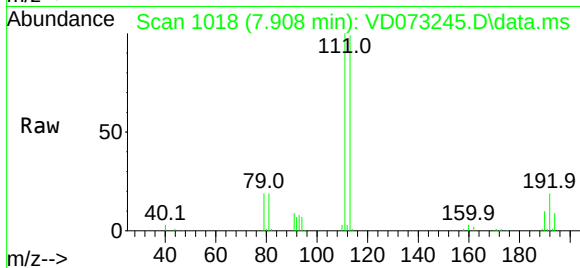
Tgt Ion:113 Resp: 165465

Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 18.6 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.886 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073245.D

Acq: 21 May 2022 22:49

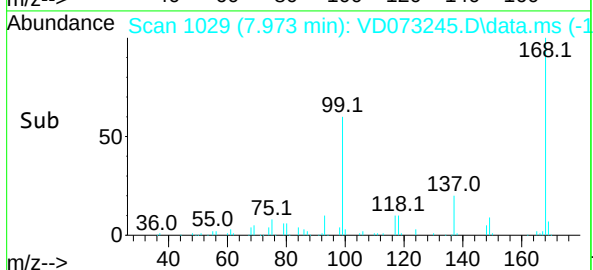
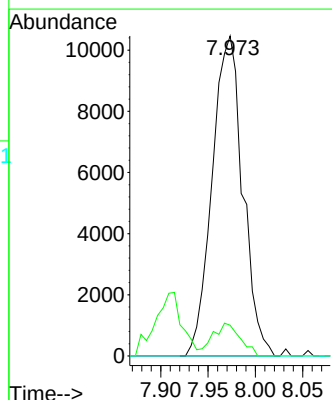
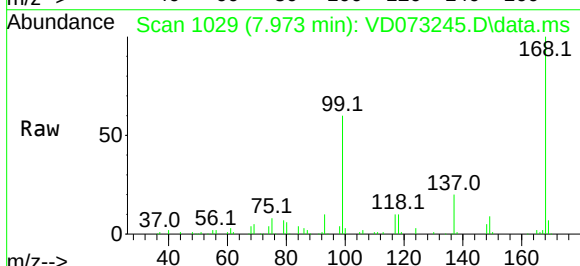
Tgt Ion: 75 Resp: 23546

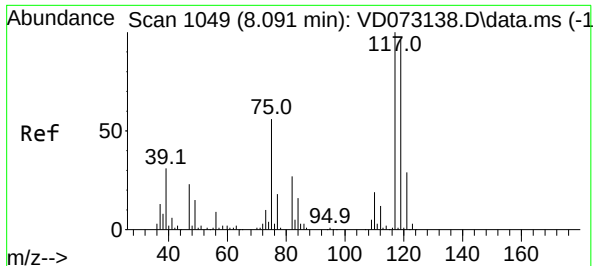
Ion Ratio Lower Upper

75 100

110 9.2 16.4 49.1#

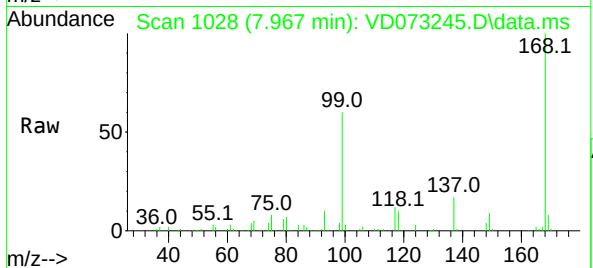
77 0.0 24.2 36.2#



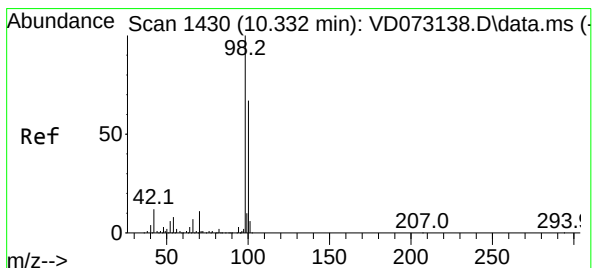
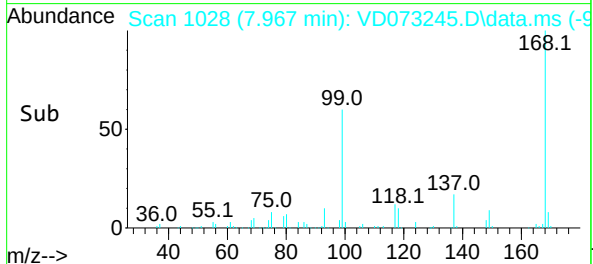
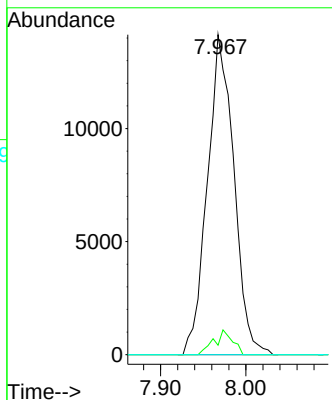


#38
Carbon Tetrachloride
Concen: 6.270 ug/l
RT: 7.967 min Scan# 1049
Delta R.T. -0.124 min
Lab File: VD073245.D
Acq: 21 May 2022 22:49

Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-0006-01

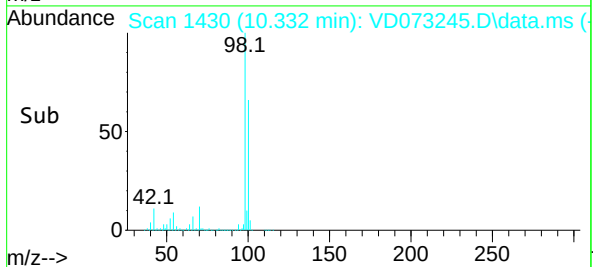
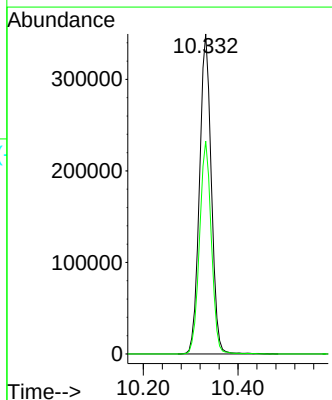
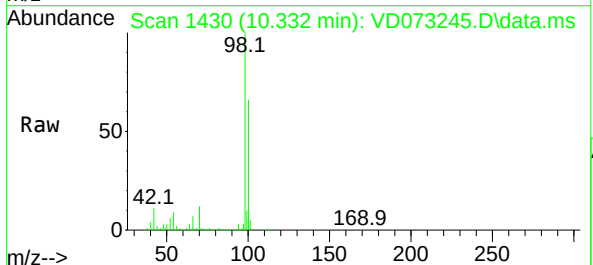


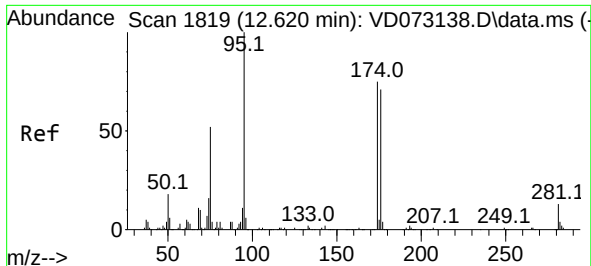
Tgt Ion:117 Resp: 30630
Ion Ratio Lower Upper
117 100
119 3.0 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 51.191 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073245.D
Acq: 21 May 2022 22:49

Tgt Ion: 98 Resp: 604632
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6

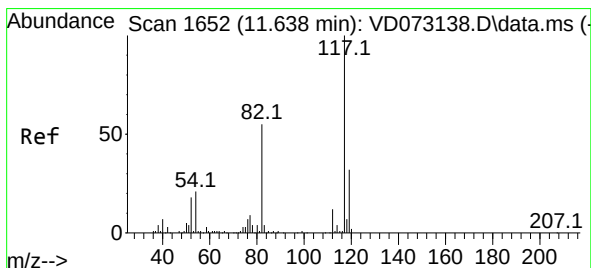
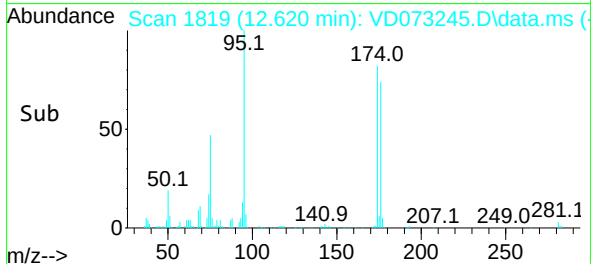
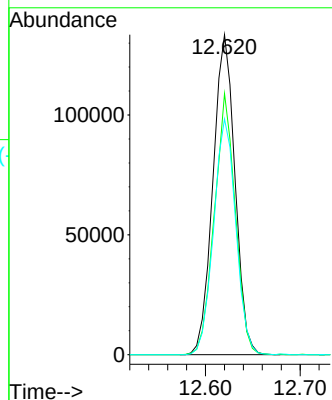
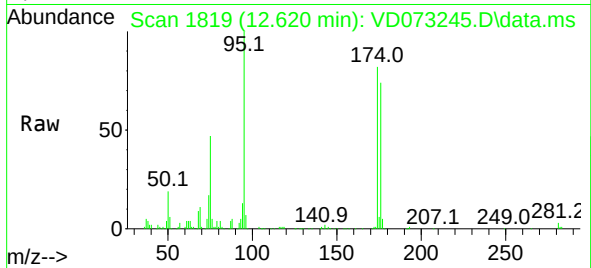




#62
4-Bromofluorobenzene
Concen: 52.034 ug/l
RT: 12.620 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073245.D
Acq: 21 May 2022 22:49

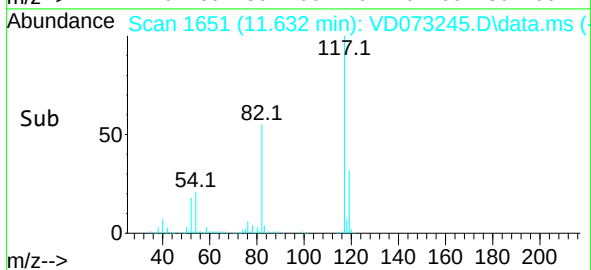
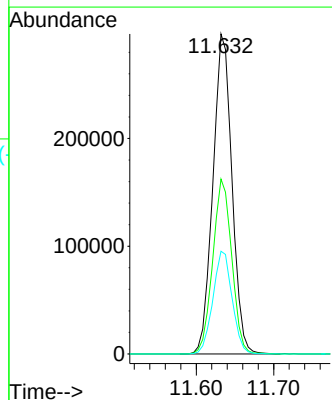
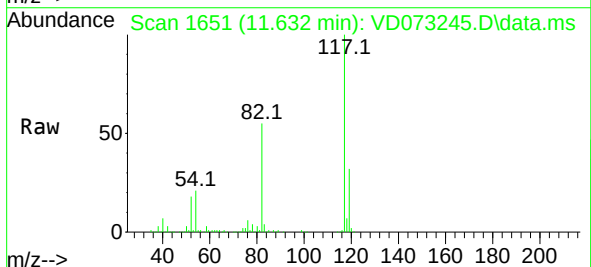
Instrument :
MSVOA_D
ClientSampleId :
P024-SS001-0006-01

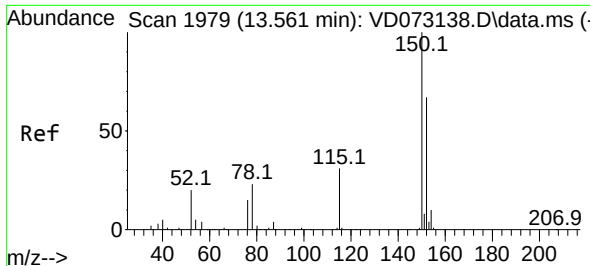
Tgt Ion: 95 Resp: 215688
Ion Ratio Lower Upper
95 100
174 77.9 0.0 152.8
176 74.3 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073245.D
Acq: 21 May 2022 22:49

Tgt Ion: 117 Resp: 508738
Ion Ratio Lower Upper
117 100
82 54.6 45.3 67.9
119 32.1 26.6 40.0

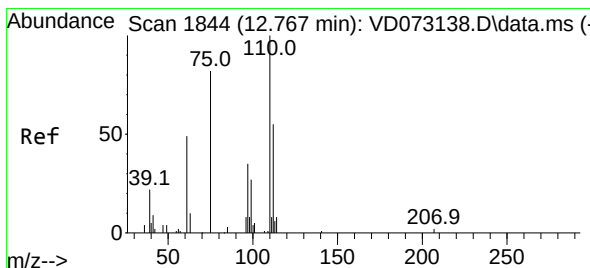
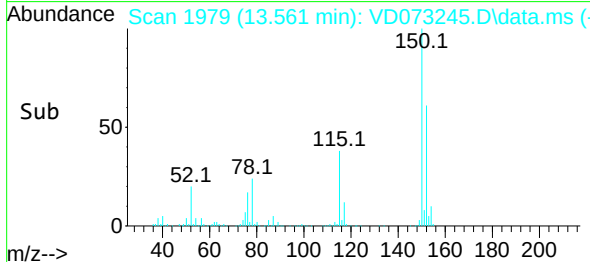
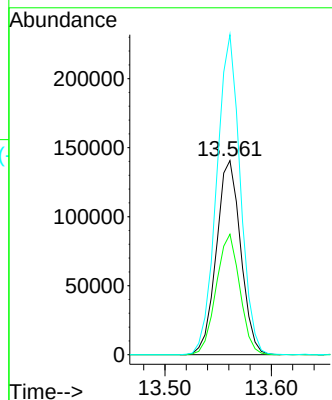
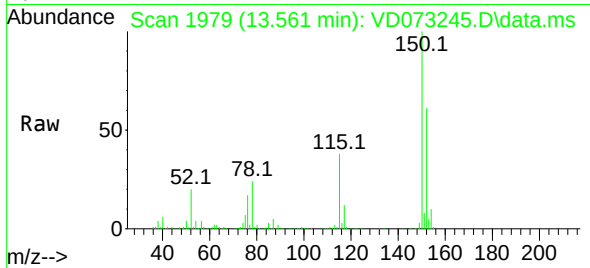




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. 0.000 min
 Lab File: VD073245.D
 Acq: 21 May 2022 22:49

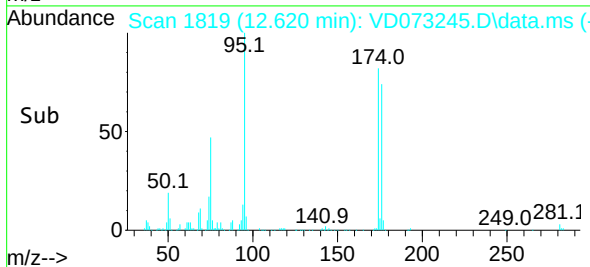
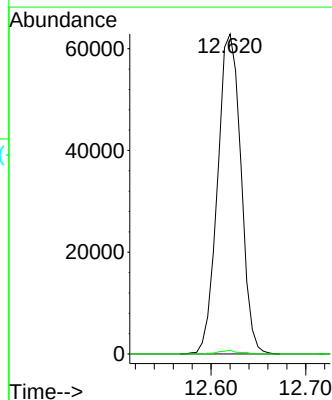
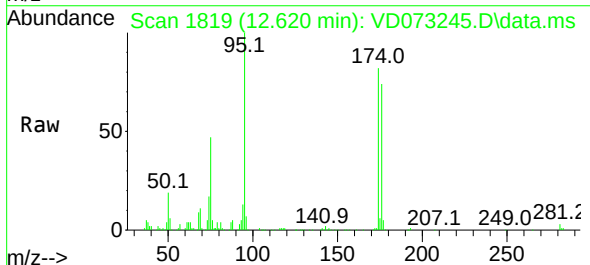
Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS001-0006-01

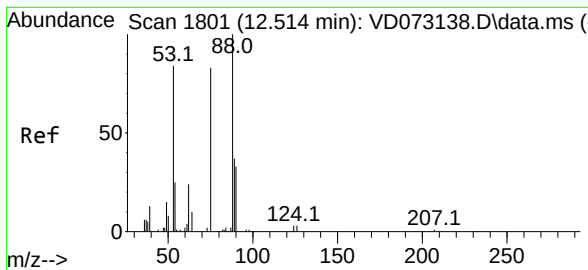
Tgt Ion:152 Resp: 222985
 Ion Ratio Lower Upper
 152 100
 115 60.3 31.3 93.8
 150 160.3 0.0 348.6



#76
 1,2,3-Trichloropropane
 Concen: 49.244 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. -0.147 min
 Lab File: VD073245.D
 Acq: 21 May 2022 22:49

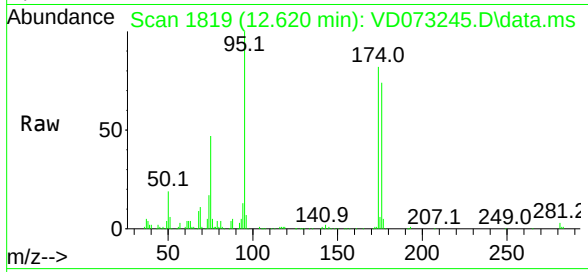
Tgt Ion: 75 Resp: 107740
 Ion Ratio Lower Upper
 75 100
 77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 118.220 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD073245.D
 Acq: 21 May 2022 22:49

Instrument :
 MSVOA_D
 ClientSampleId :
 P024-SS001-0006-01



Tgt Ion: 75 Resp: 107740
 Ion Ratio Lower Upper
 75 100
 53 0.3 86.5 129.7#
 89 0.0 33.9 50.9#

