

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052422\
 Data File : VD073354.D
 Acq On : 25 May 2022 06:40
 Operator : VA/SY
 Sample : N2886-10
 Misc : 4.55G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 P021-SS001-1218-01

Quant Time: May 25 06:56:30 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)

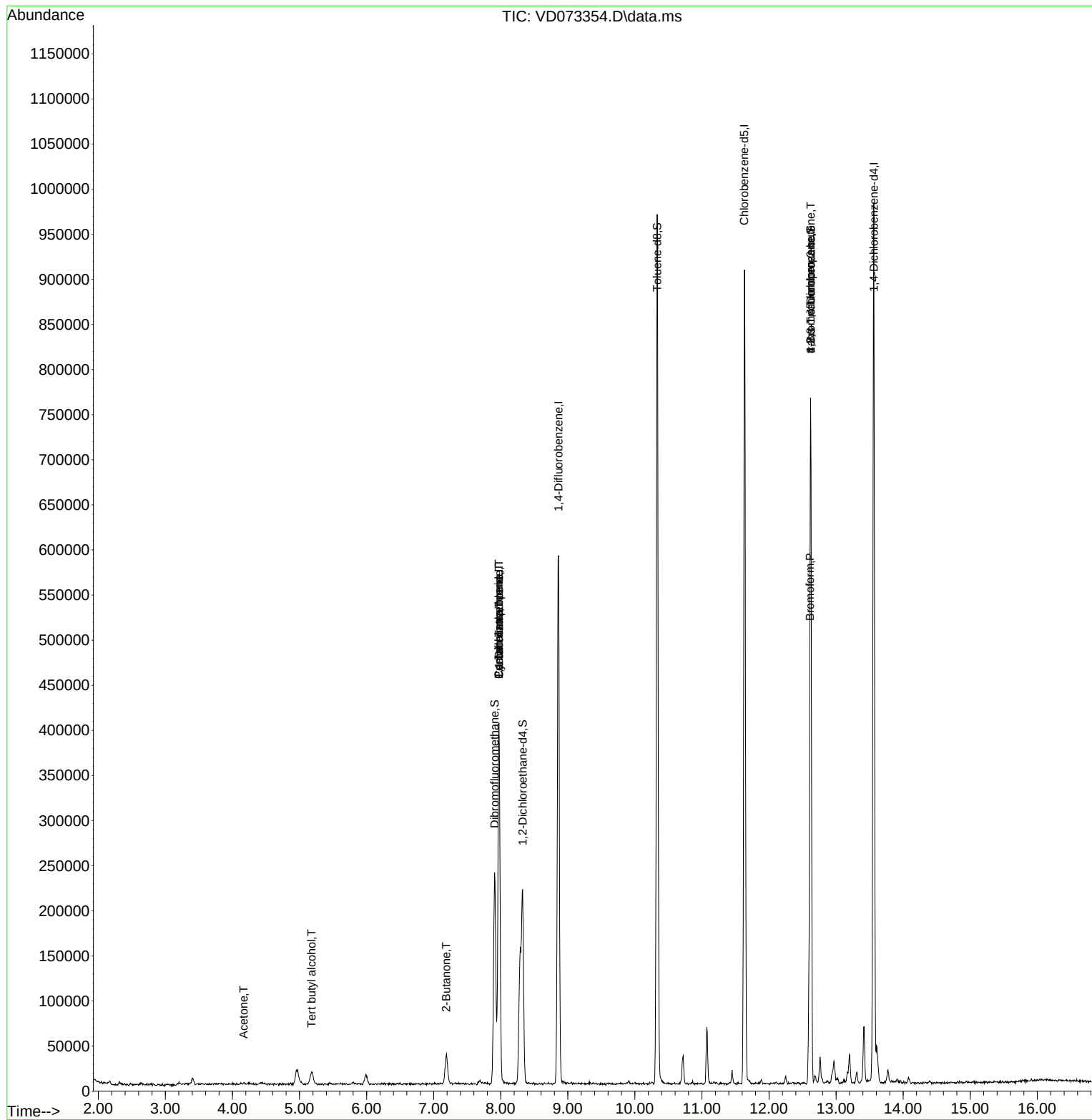
Internal Standards						
1) Pentafluorobenzene	7.973	168	288077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	508603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	534491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	254964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	154373	48.489	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.980%
35) Dibromofluoromethane	7.908	113	171949	51.235	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.460%
50) Toluene-d8	10.332	98	628749	50.823	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.640%
62) 4-Bromofluorobenzene	12.620	95	245303	56.500	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	113.000%
Target Compounds						
					Qvalue	
5) Bromomethane	2.779	94	919	Below Cal	#	44
11) Tert butyl alcohol	5.179	59	11896	24.084	ug/l #	74
16) Acetone	4.167	43	1970	3.572	ug/l #	89
20) Methylene Chloride	4.962	84	12461	Below Cal		88
25) 2-Butanone	7.185	43	1823	2.260	ug/l #	52
31) Cyclohexane	7.973	56	7074	1.272	ug/l #	12
36) 1,1-Dichloropropene	7.973	75	23849	4.725	ug/l #	51
38) Carbon Tetrachloride	7.973	117	30966	6.052	ug/l #	16
71) Bromoform	12.608	173	2123	1.014	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	125809	50.291	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	125809	120.732	ug/l #	7

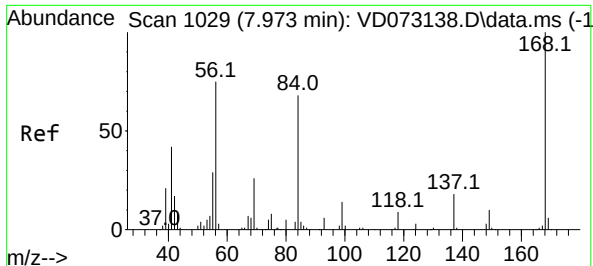
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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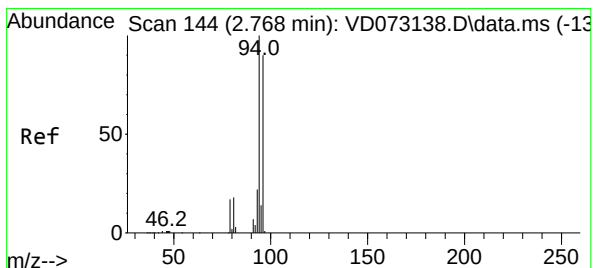
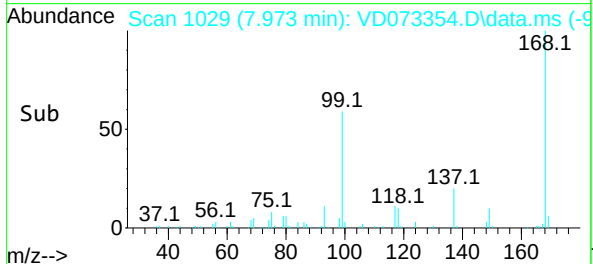
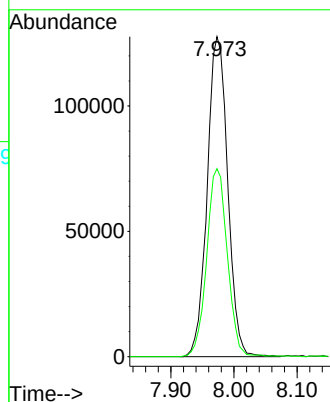
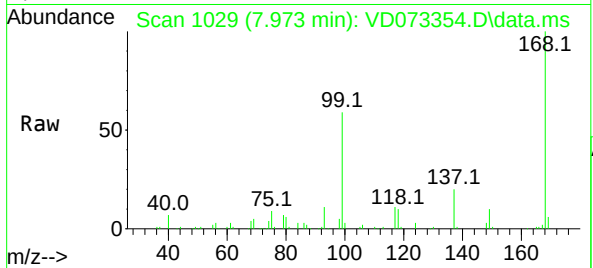




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073354.D
Acq: 25 May 2022 06:40

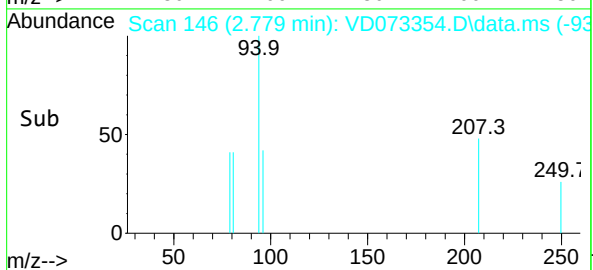
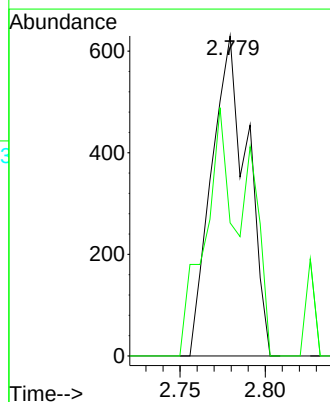
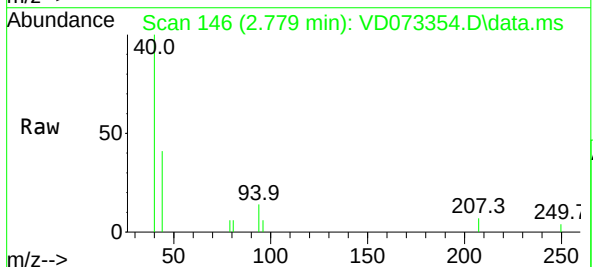
Instrument :
MSVOA_D
ClientSampleId :
P021-SS001-1218-01

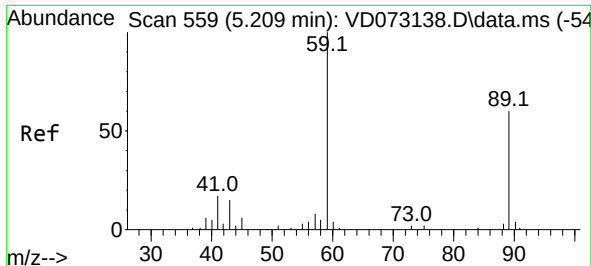
Tgt Ion:168 Resp: 288077
Ion Ratio Lower Upper
168 100
99 58.8 49.8 74.6



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.011 min
Lab File: VD073354.D
Acq: 25 May 2022 06:40

Tgt Ion: 94 Resp: 919
Ion Ratio Lower Upper
94 100
96 41.6 77.6 116.4#

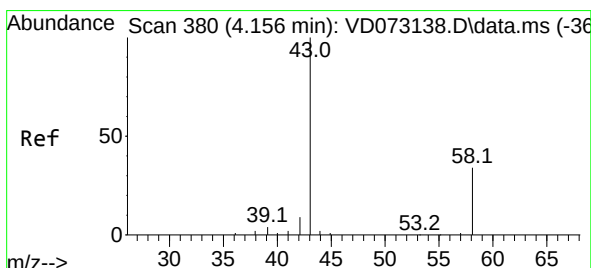
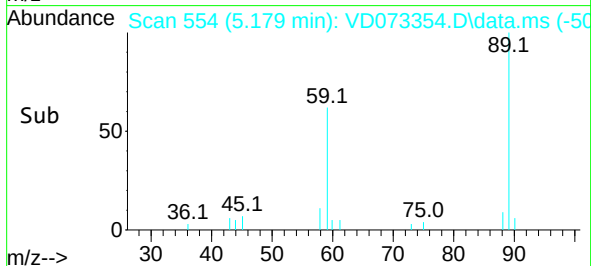
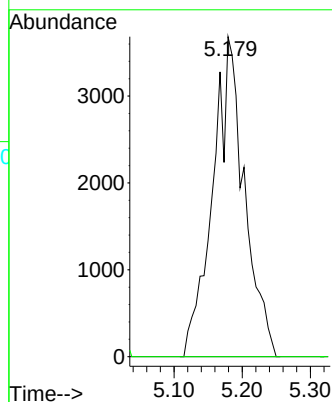
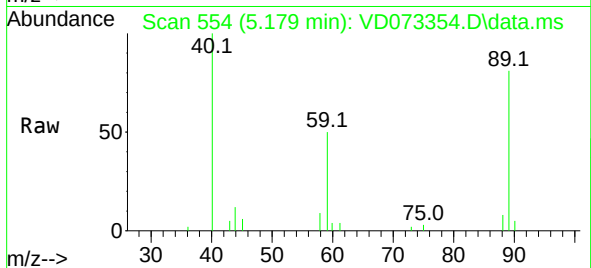




#11
Tert butyl alcohol
Concen: 24.084 ug/l
RT: 5.179 min Scan# 51
Delta R.T. -0.030 min
Lab File: VD073354.D
Acq: 25 May 2022 06:40

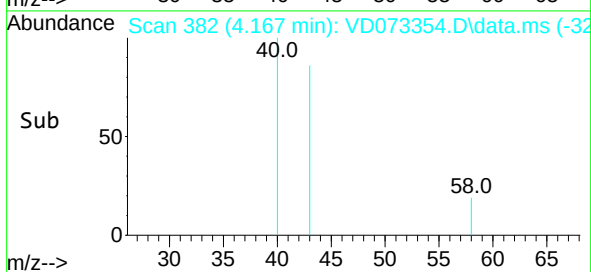
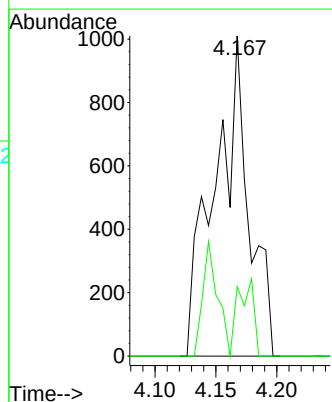
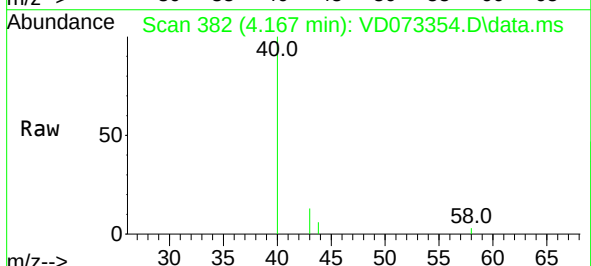
Instrument :
MSVOA_D
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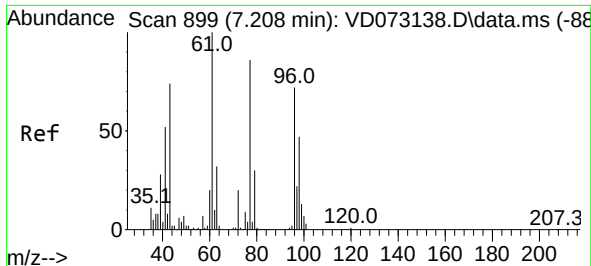
Tgt Ion: 59 Resp: 11896
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 3.572 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.011 min
Lab File: VD073354.D
Acq: 25 May 2022 06:40

Tgt Ion: 43 Resp: 1970
Ion Ratio Lower Upper
43 100
58 21.7 22.1 33.1#

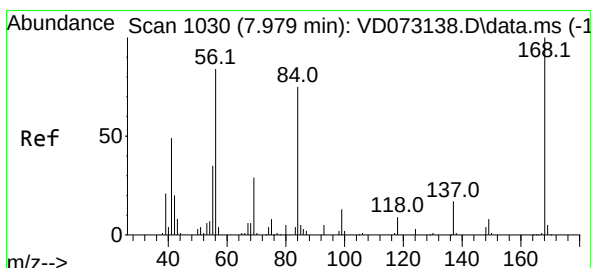
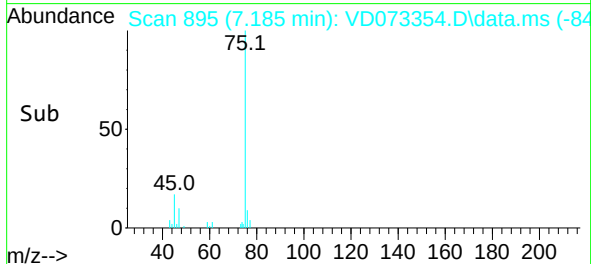
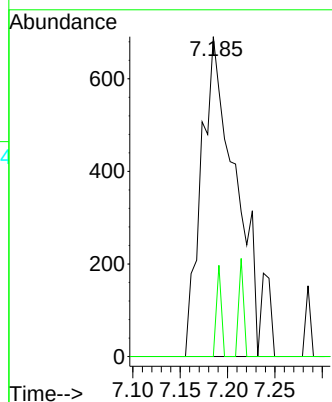
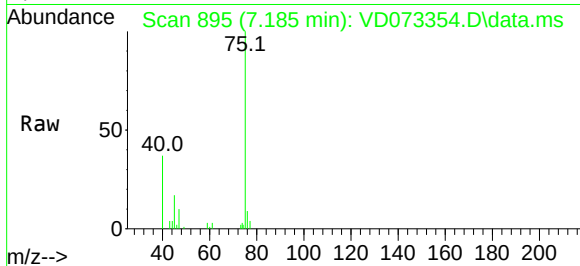




#25
2-Butanone
Concen: 2.260 ug/l
RT: 7.185 min Scan# 899
Delta R.T. -0.023 min
Lab File: VD073354.D
Acq: 25 May 2022 06:40

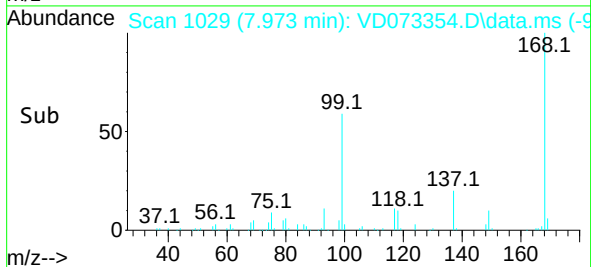
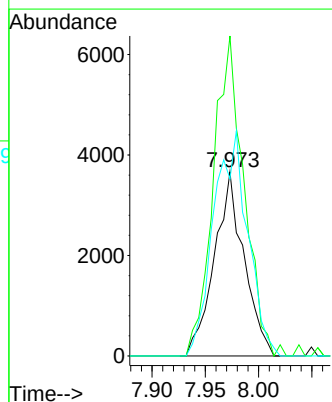
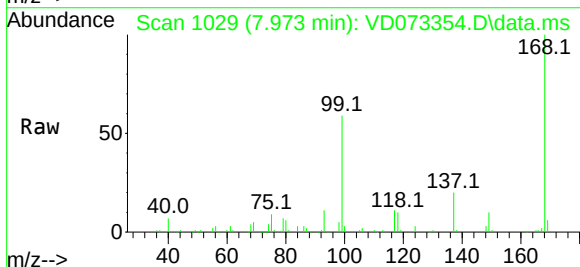
Instrument :
MSVOA_D
ClientSampleId :
P021-SS001-1218-01

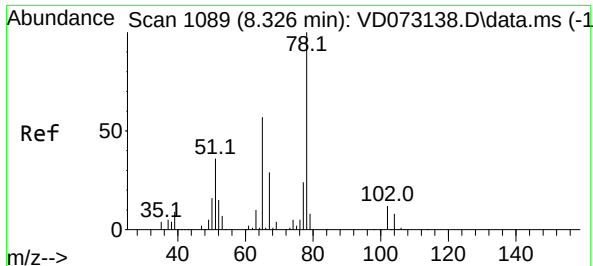
Tgt Ion: 43 Resp: 1823
Ion Ratio Lower Upper
43 100
72 0.0 18.6 27.8#



#31
Cyclohexane
Concen: 1.272 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073354.D
Acq: 25 May 2022 06:40

Tgt Ion: 56 Resp: 7074
Ion Ratio Lower Upper
56 100
69 173.8 25.4 38.2#
84 96.3 63.0 94.4#





#33

1,2-Dichloroethane-d4

Concen: 48.489 ug/l

RT: 8.326 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD073354.D

Acq: 25 May 2022 06:40

Instrument :

MSVOA_D

ClientSampleId :

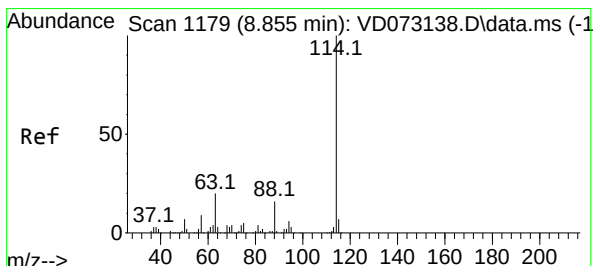
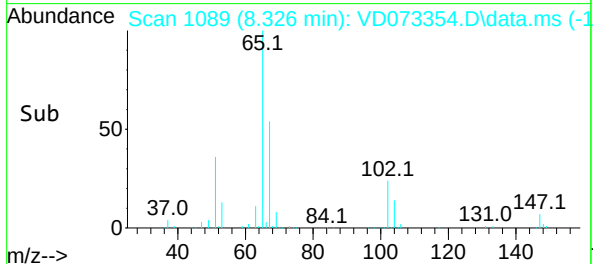
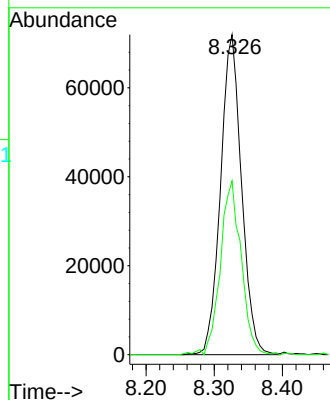
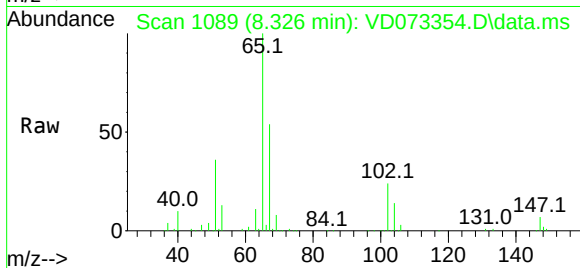
P021-SS001-1218-01

Tgt Ion: 65 Resp: 154373

Ion Ratio Lower Upper

65 100

67 53.8 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073354.D

Acq: 25 May 2022 06:40

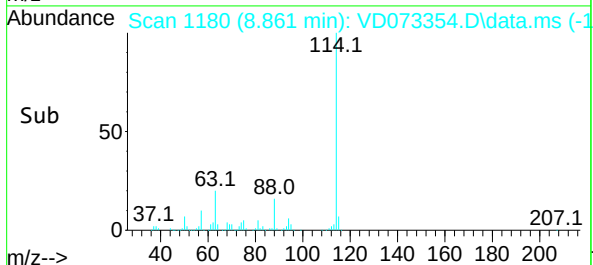
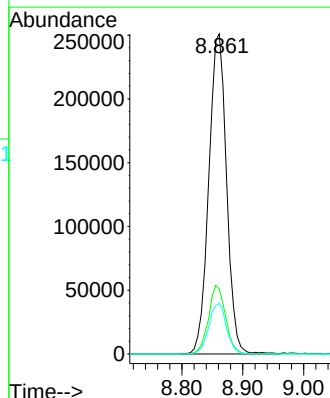
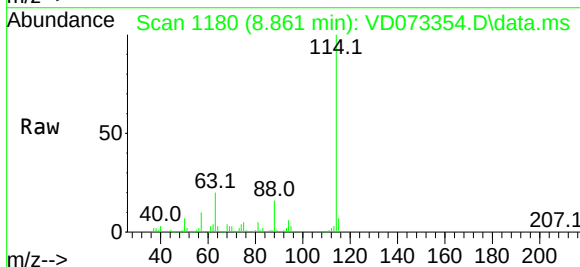
Tgt Ion: 114 Resp: 508603

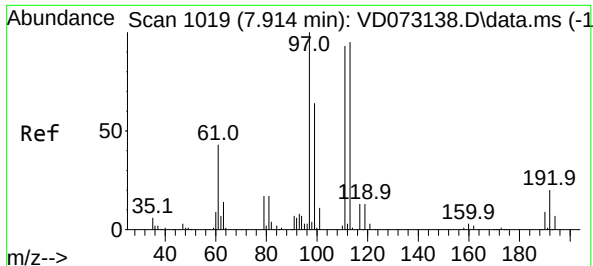
Ion Ratio Lower Upper

114 100

63 20.3 0.0 46.6

88 15.8 0.0 33.2





#35

Dibromofluoromethane

Concen: 51.235 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073354.D

Acq: 25 May 2022 06:40

Instrument :

MSVOA_D

ClientSampleId :

P021-SS001-1218-01

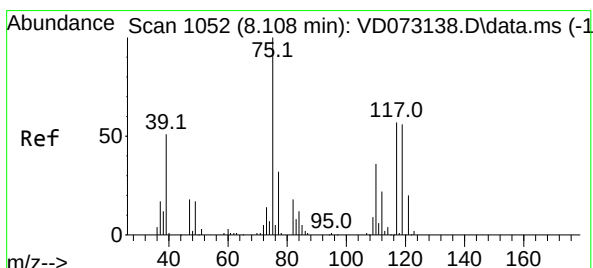
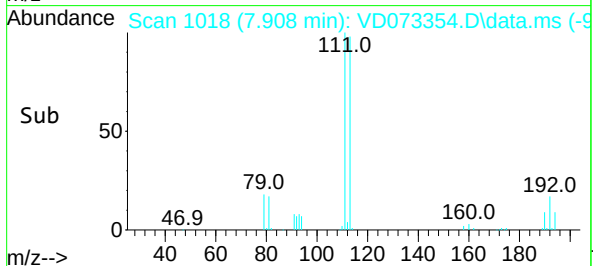
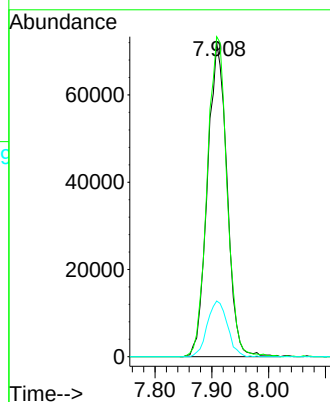
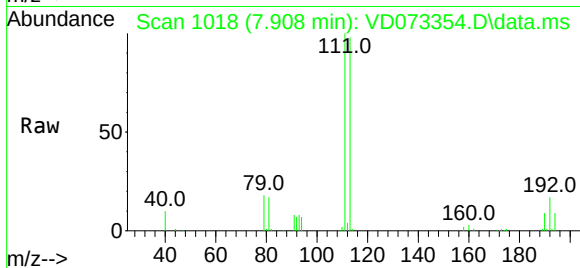
Tgt Ion:113 Resp: 171949

Ion Ratio Lower Upper

113 100

111 103.1 83.8 125.6

192 18.2 14.6 21.8



#36

1,1-Dichloropropene

Concen: 4.725 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.135 min

Lab File: VD073354.D

Acq: 25 May 2022 06:40

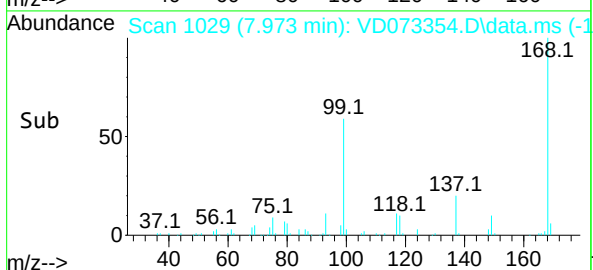
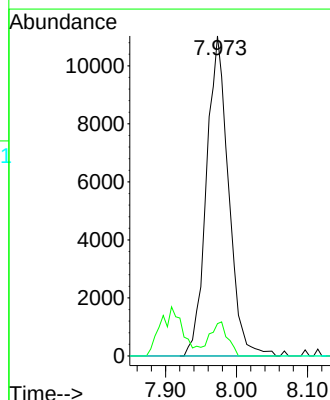
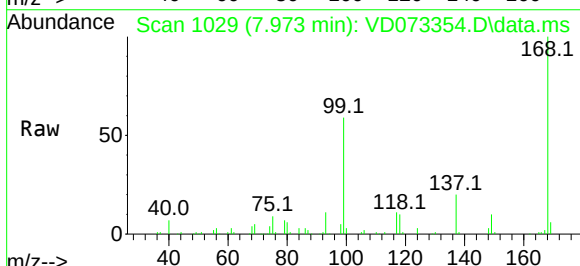
Tgt Ion: 75 Resp: 23849

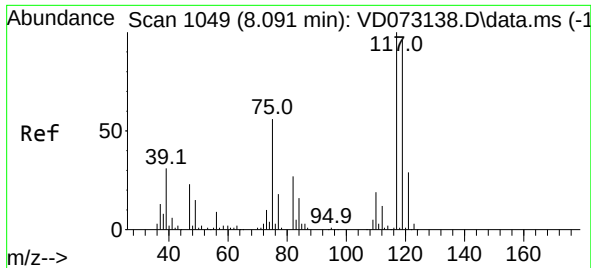
Ion Ratio Lower Upper

75 100

110 8.4 16.4 49.1#

77 0.0 24.2 36.2#

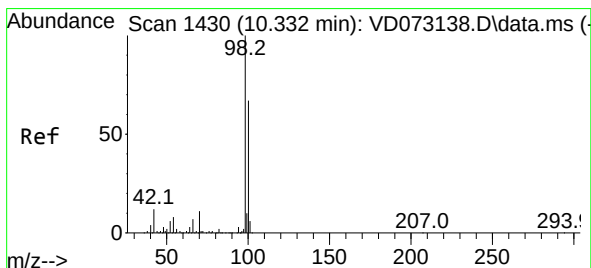
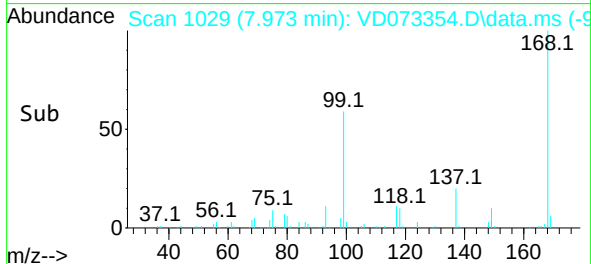
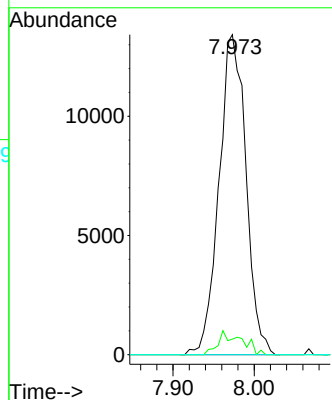
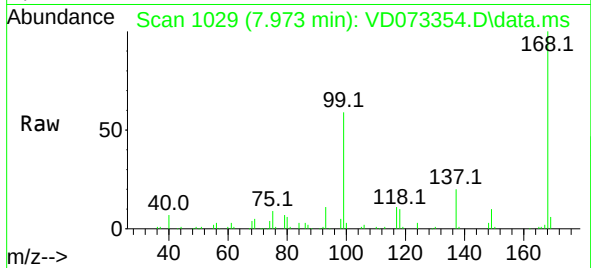




#38
Carbon Tetrachloride
Concen: 6.052 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD073354.D
Acq: 25 May 2022 06:40

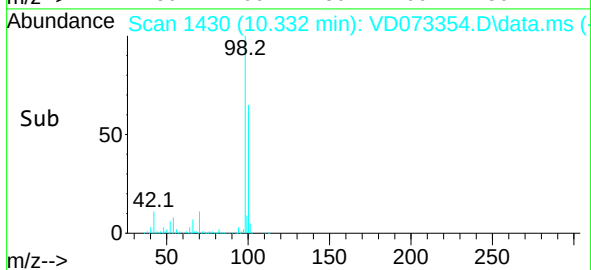
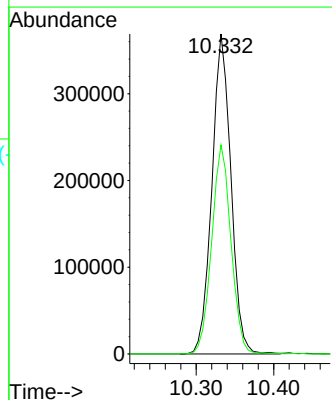
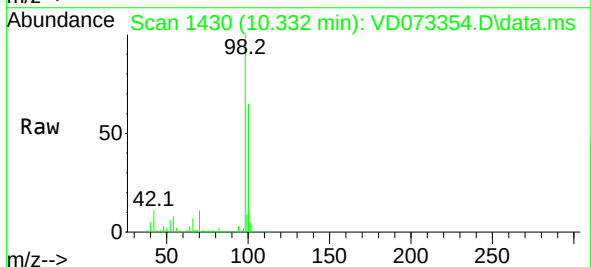
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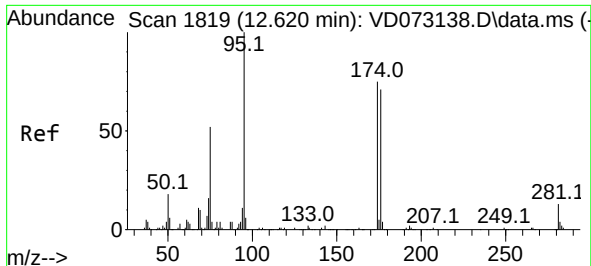
Tgt Ion:117 Resp: 30966
Ion Ratio Lower Upper
117 100
119 4.9 75.8 113.6#
121 0.0 24.5 36.7#



#50
Toluene-d8
Concen: 50.823 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD073354.D
Acq: 25 May 2022 06:40

Tgt Ion: 98 Resp: 628749
Ion Ratio Lower Upper
98 100
100 66.3 52.4 78.6

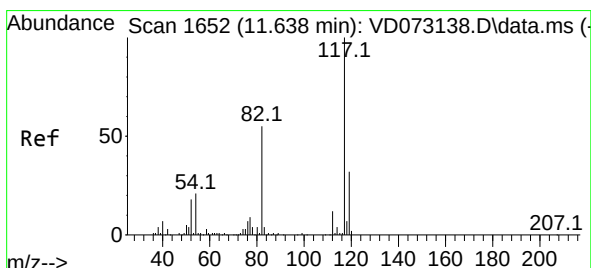
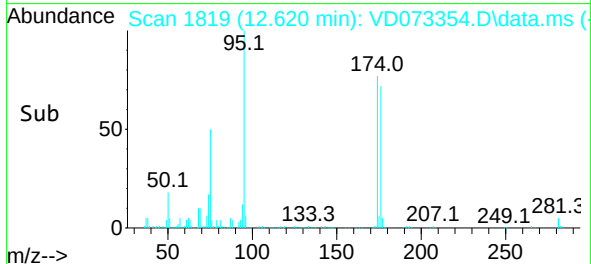
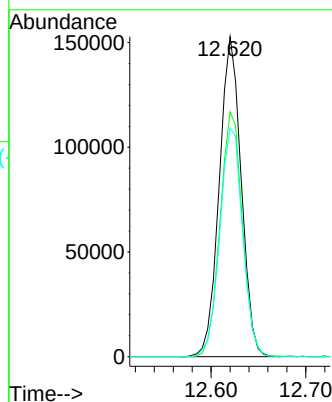
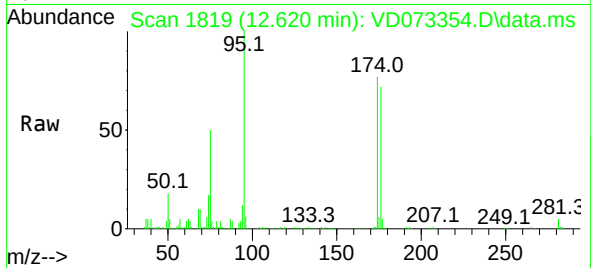




#62
4-Bromofluorobenzene
Concen: 56.500 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073354.D
Acq: 25 May 2022 06:40

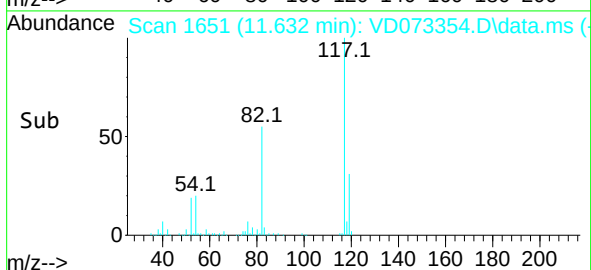
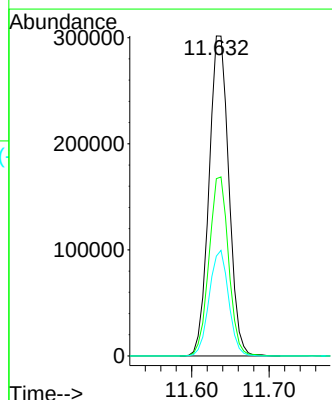
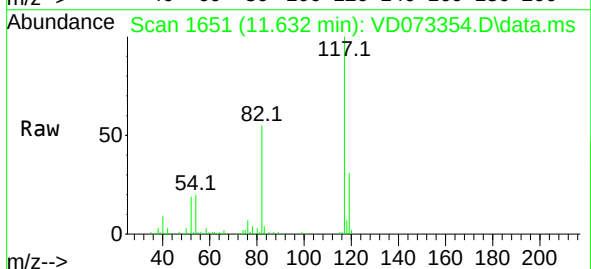
Instrument :
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P021-SS001-1218-01

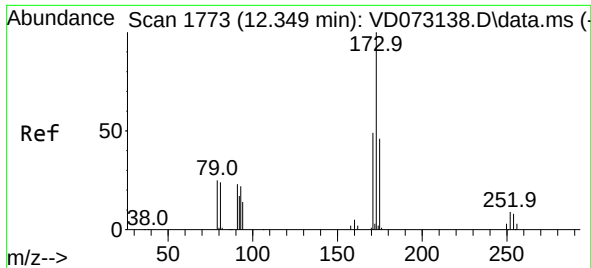
Tgt Ion: 95 Resp: 245303
Ion Ratio Lower Upper
95 100
174 78.0 0.0 152.8
176 74.6 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073354.D
Acq: 25 May 2022 06:40

Tgt Ion: 117 Resp: 534491
Ion Ratio Lower Upper
117 100
82 55.4 45.3 67.9
119 31.2 26.6 40.0

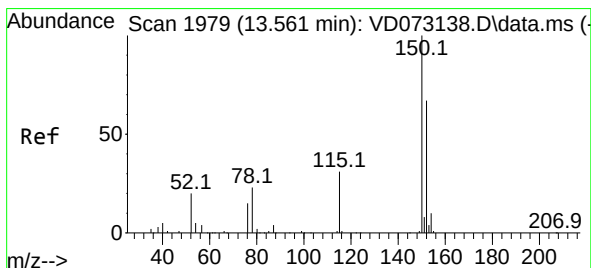
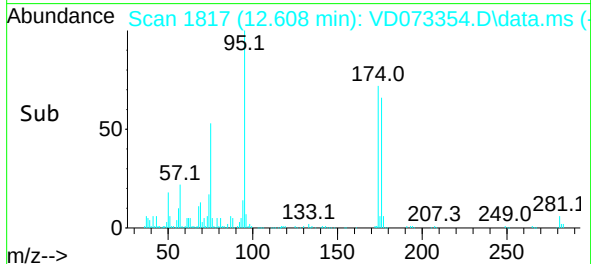
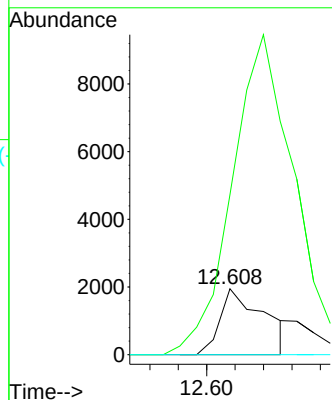
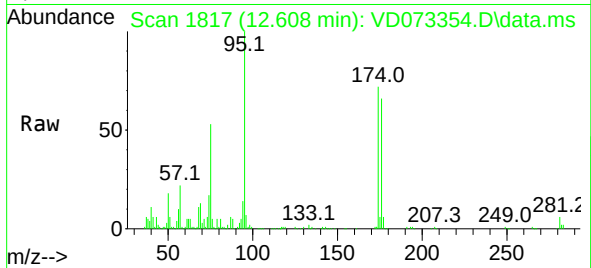




#71
Bromoform
Concen: 1.014 ug/l
RT: 12.608 min Scan# 1817
Delta R.T. 0.259 min
Lab File: VD073354.D
Acq: 25 May 2022 06:40

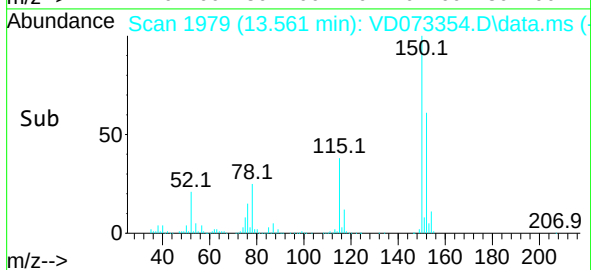
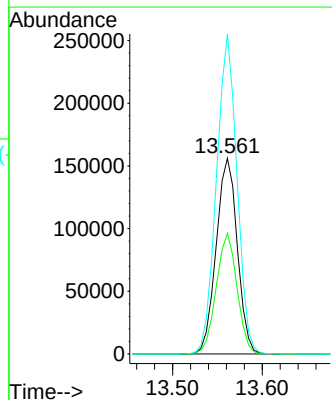
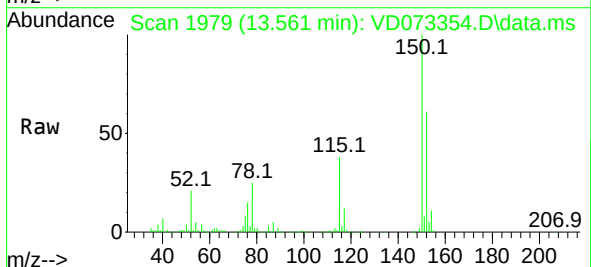
Instrument :
MSVOA_D
ClientSampleId :
P021-SS001-1218-01

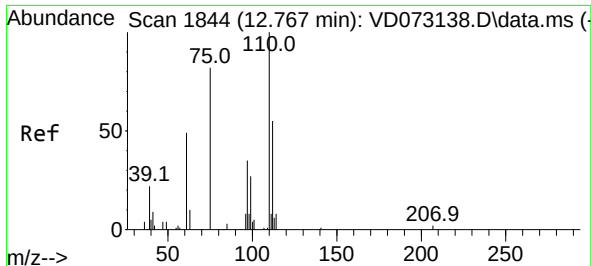
Tgt Ion:173 Resp: 2123
Ion Ratio Lower Upper
173 100
175 527.8 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073354.D
Acq: 25 May 2022 06:40

Tgt Ion:152 Resp: 254964
Ion Ratio Lower Upper
152 100
115 60.5 31.3 93.8
150 158.7 0.0 348.6

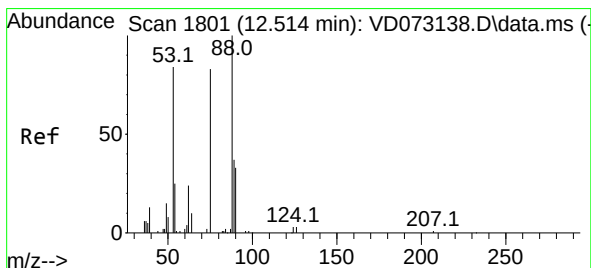
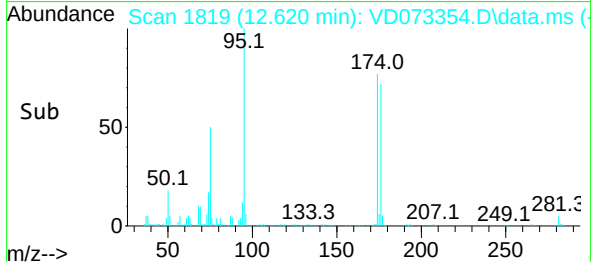
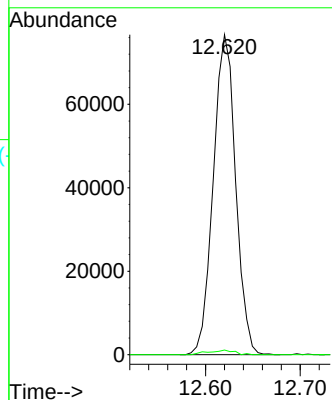
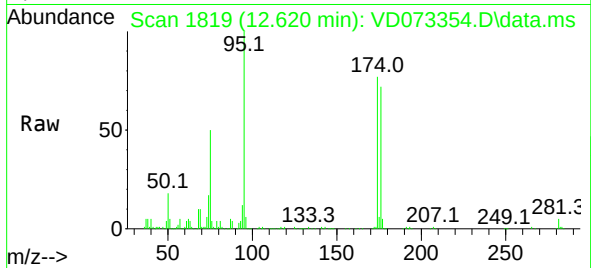




#76
1,2,3-Trichloropropane
Concen: 50.291 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073354.D
Acq: 25 May 2022 06:40

Instrument :
MSVOA_D
ClientSampleId :
P021-SS001-1218-01

Tgt Ion: 75 Resp: 125809
Ion Ratio Lower Upper
75 100
77 1.7 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 120.732 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073354.D
Acq: 25 May 2022 06:40

Tgt Ion: 75 Resp: 125809
Ion Ratio Lower Upper
75 100
53 0.0 86.5 129.7#
89 0.2 33.9 50.9#

