

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080222\
 Data File : VD073935.D
 Acq On : 02 Aug 2022 19:32
 Operator : VA/SY
 Sample : N3970-04RE
 Misc : 5.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MHB-LOWERRE

Quant Time: Aug 03 04:15:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080122S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 02 05:13:57 2022
 Response via : Initial Calibration

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

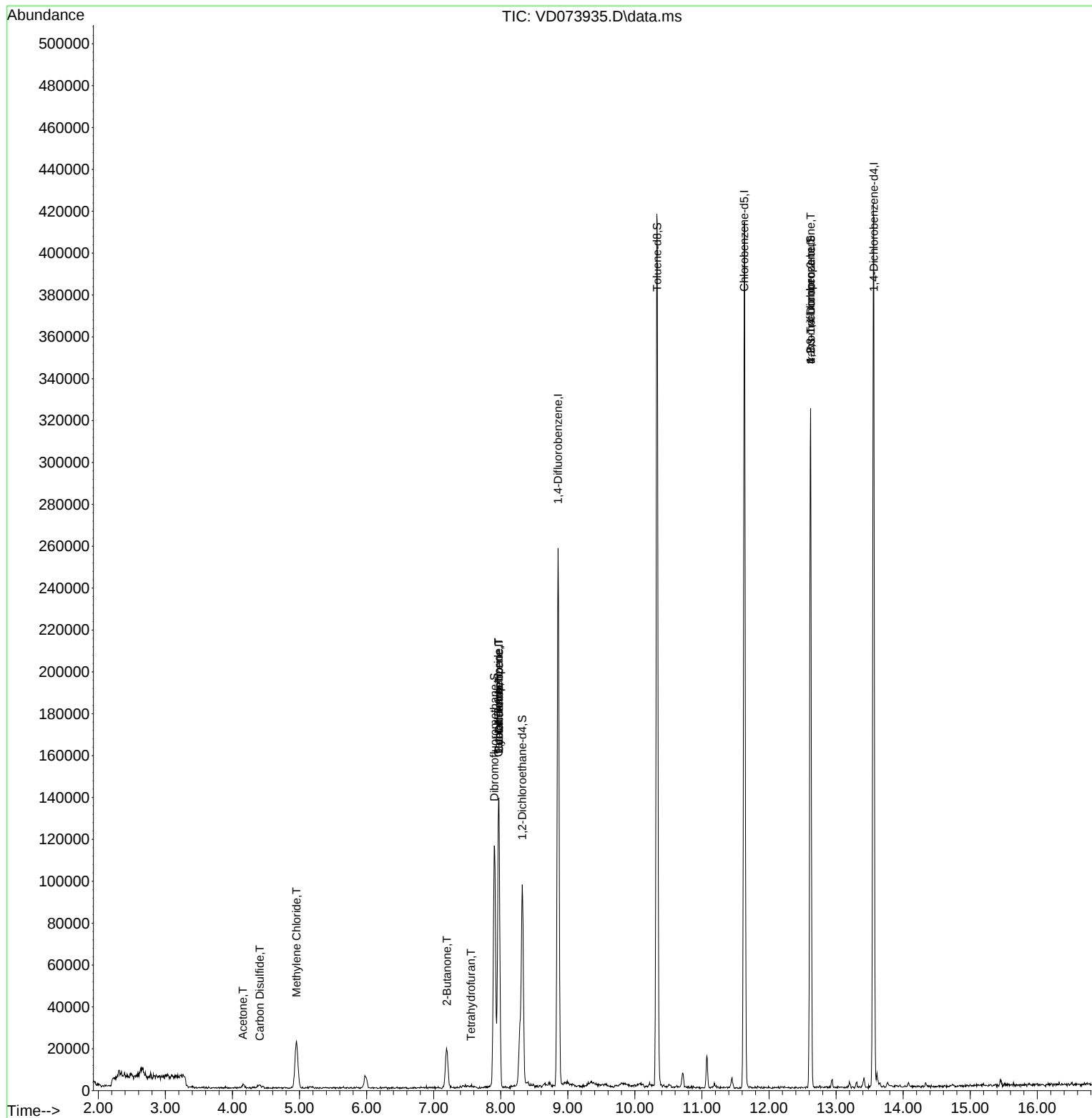
Internal Standards						
1) Pentafluorobenzene	7.973	168	98664	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	216914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	227486	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	106382	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	70247	90.252	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 180.500%#	
35) Dibromofluoromethane	7.903	113	82319	61.080	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.160%	
50) Toluene-d8	10.332	98	285377	62.862	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 125.720%	
62) 4-Bromofluorobenzene	12.620	95	99750	59.750	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 119.500%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	284	Below Cal	#	43
11) Tert butyl alcohol	5.197	59	336	Below Cal	#	75
16) Acetone	4.156	43	2836	22.915	ug/l	98
17) Carbon Disulfide	4.409	76	3207	2.922	ug/l #	75
18) Methyl Acetate	4.456	43	320	Below Cal	#	48
20) Methylene Chloride	4.956	84	17282	3.724	ug/l	90
25) 2-Butanone	7.197	43	1557	6.466	ug/l #	46
29) Tetrahydrofuran	7.556	42	170	1.208	ug/l #	30
31) Cyclohexane	7.973	56	2865	1.875	ug/l #	53
36) 1,1-Dichloropropene	7.973	75	8294	4.321	ug/l #	52
38) Carbon Tetrachloride	7.967	117	11184	5.201	ug/l #	16
76) 1,2,3-Trichloropropane	12.620	75	55987	71.037	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	55987	150.989	ug/l #	13

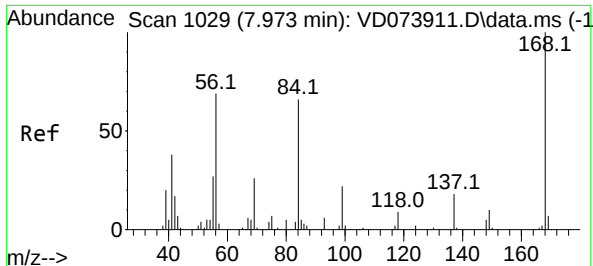
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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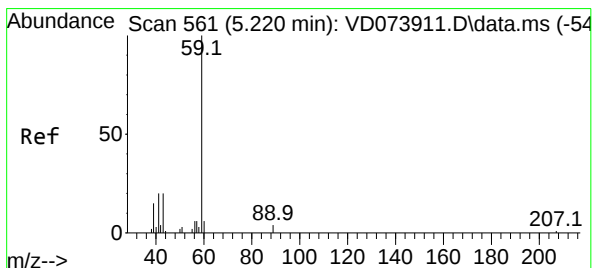
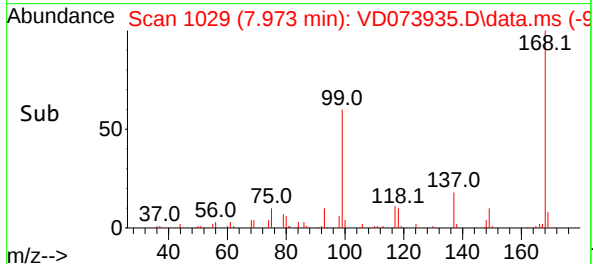
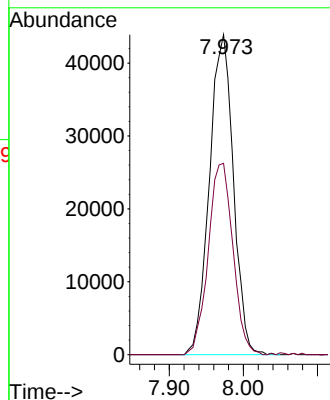
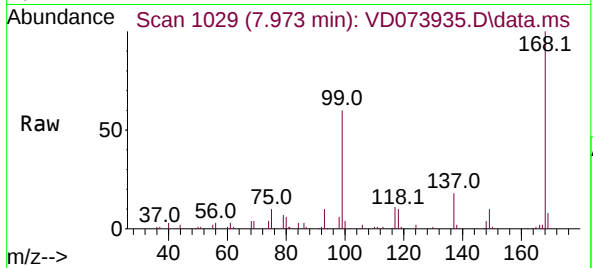




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073935.D
Acq: 02 Aug 2022 19:32

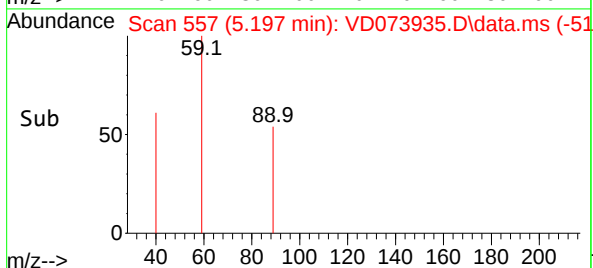
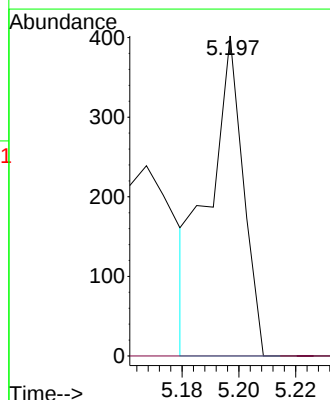
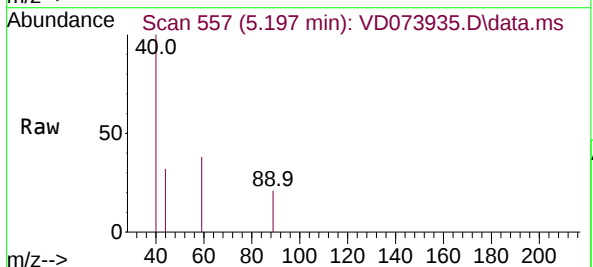
Instrument :
MSVOA_D
ClientSampleId :
MHB-LOWERRE

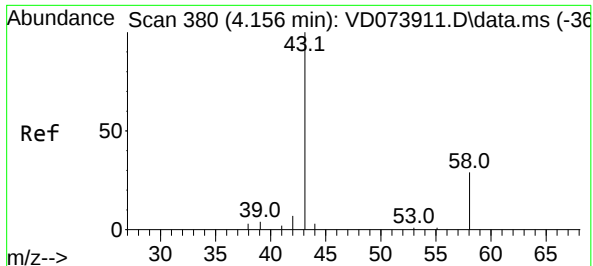
Tgt Ion:168 Resp: 98664
Ion Ratio Lower Upper
168 100
99 59.8 52.2 78.4



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 557
Delta R.T. -0.023 min
Lab File: VD073935.D
Acq: 02 Aug 2022 19:32

Tgt Ion: 59 Resp: 336
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8#

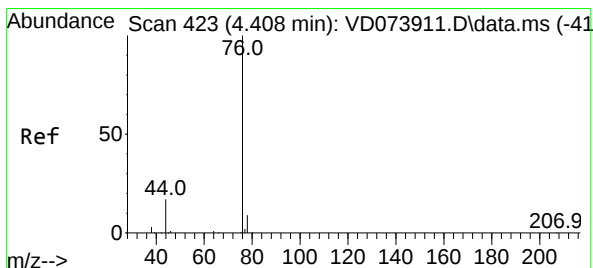
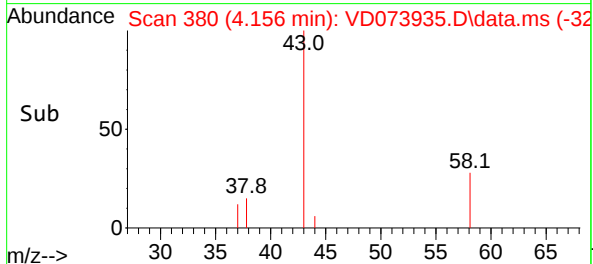
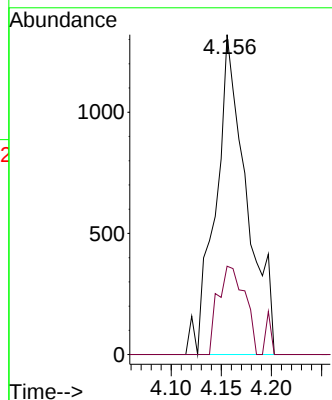
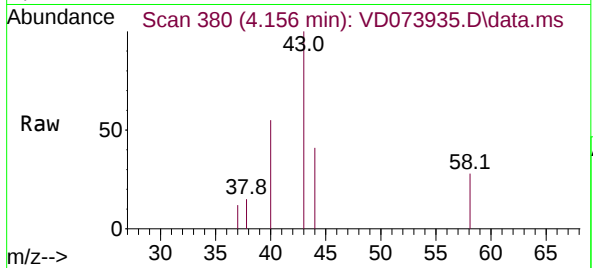




#16
Acetone
Concen: 22.915 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD073935.D
Acq: 02 Aug 2022 19:32

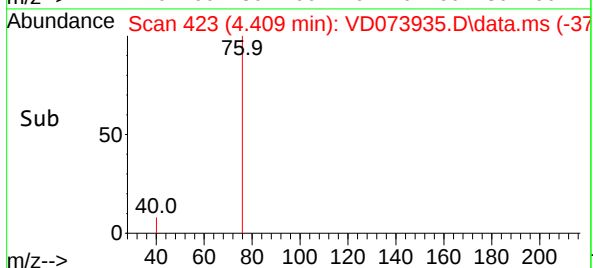
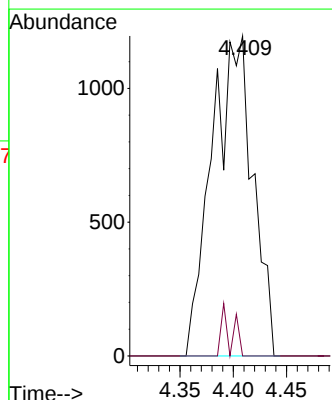
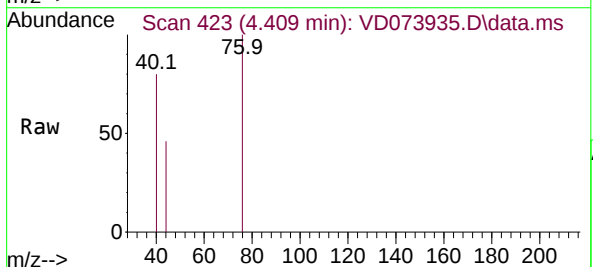
Instrument :
MSVOA_D
ClientSampleId :
MHB-LOWERRE

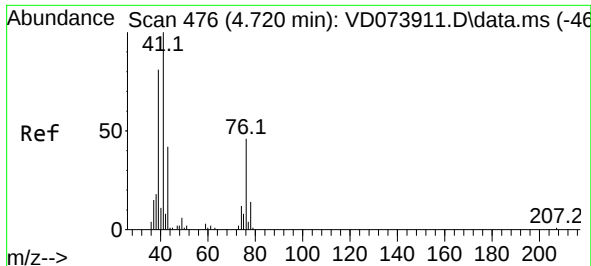
Tgt Ion: 43 Resp: 2836
Ion Ratio Lower Upper
43 100
58 27.7 23.0 34.6



#17
Carbon Disulfide
Concen: 2.922 ug/l
RT: 4.409 min Scan# 423
Delta R.T. 0.001 min
Lab File: VD073935.D
Acq: 02 Aug 2022 19:32

Tgt Ion: 76 Resp: 3207
Ion Ratio Lower Upper
76 100
78 0.0 7.3 10.9#

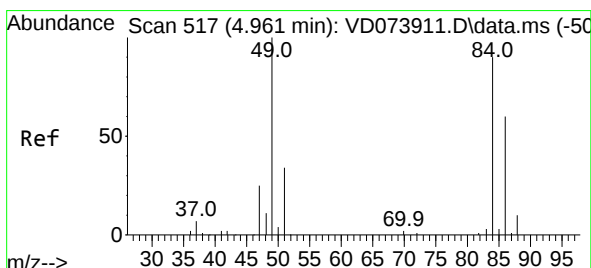
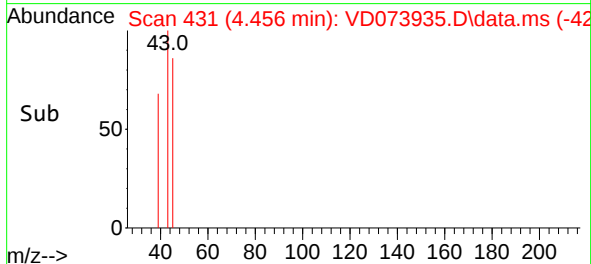
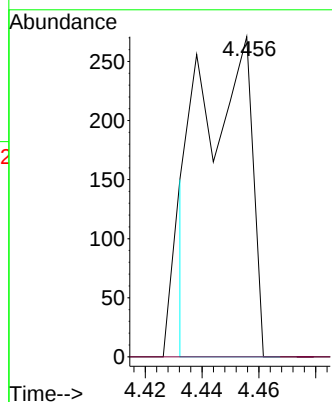
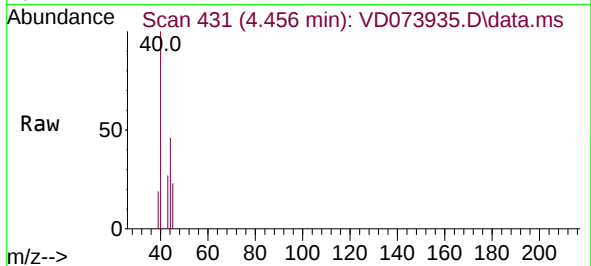




#18
Methyl Acetate
Concen: Below Cal
RT: 4.456 min Scan# 41
Delta R.T. -0.264 min
Lab File: VD073935.D
Acq: 02 Aug 2022 19:32

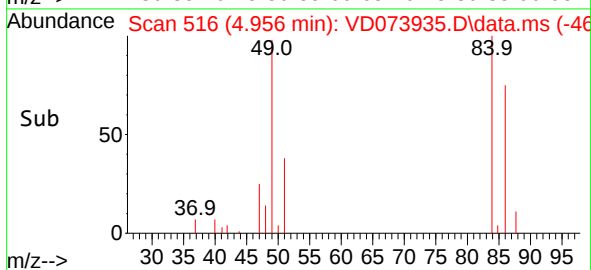
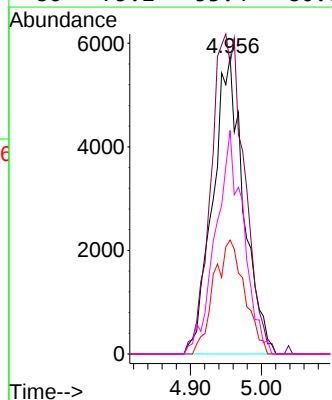
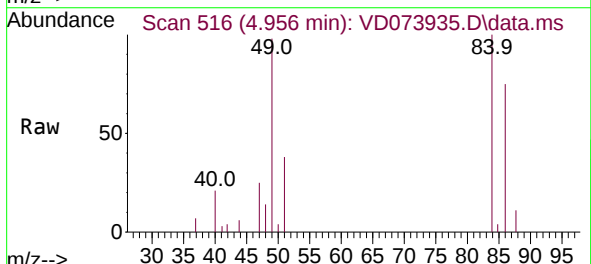
Instrument :
MSVOA_D
ClientSampleId :
MHB-LOWERRE

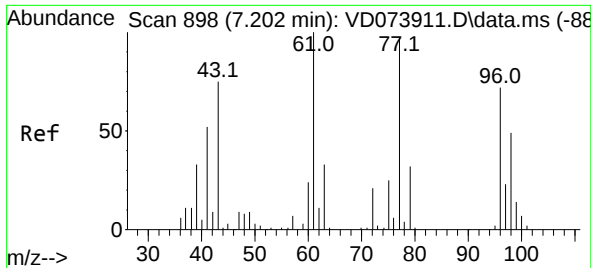
Tgt Ion: 43 Resp: 320
Ion Ratio Lower Upper
43 100
74 0.0 21.2 31.8#



#20
Methylene Chloride
Concen: 3.724 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.005 min
Lab File: VD073935.D
Acq: 02 Aug 2022 19:32

Tgt Ion: 84 Resp: 17282
Ion Ratio Lower Upper
84 100
49 97.7 89.1 133.7
51 38.4 29.8 44.8
86 75.2 53.4 80.0

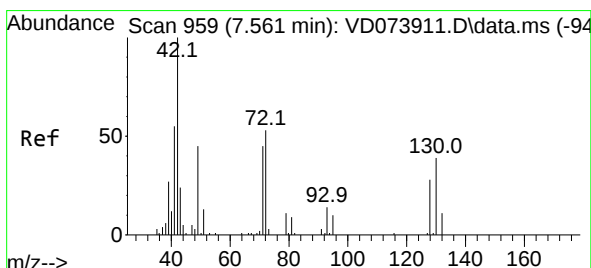
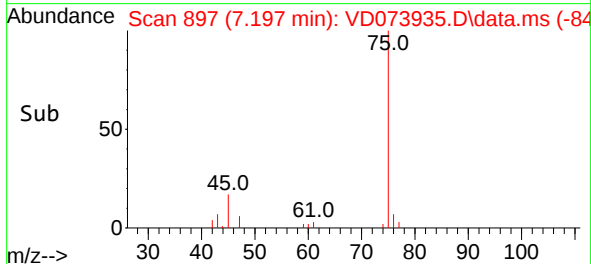
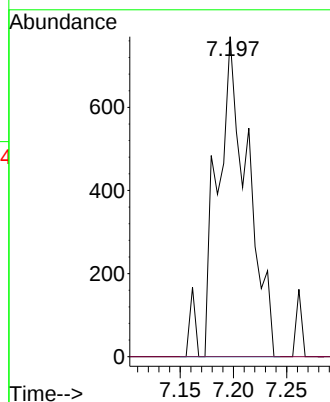
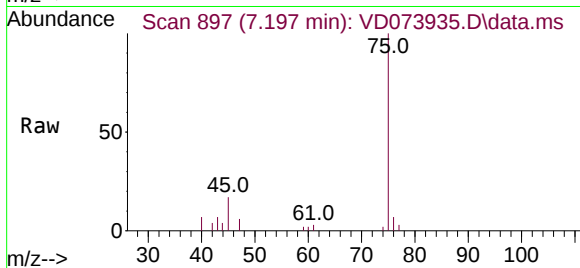




#25
2-Butanone
Concen: 6.466 ug/l
RT: 7.197 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD073935.D
Acq: 02 Aug 2022 19:32

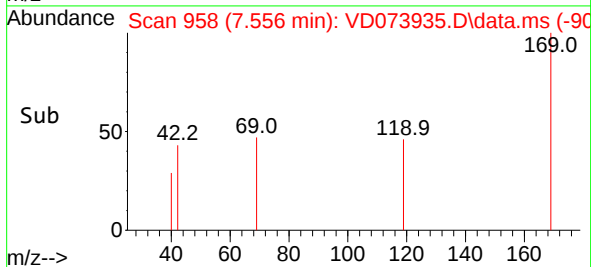
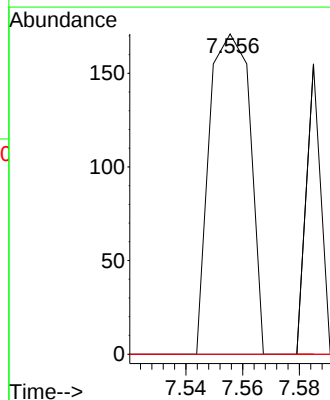
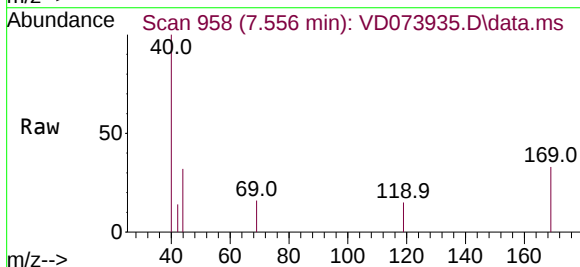
Instrument :
MSVOA_D
ClientSampleId :
MHB-LOWERRE

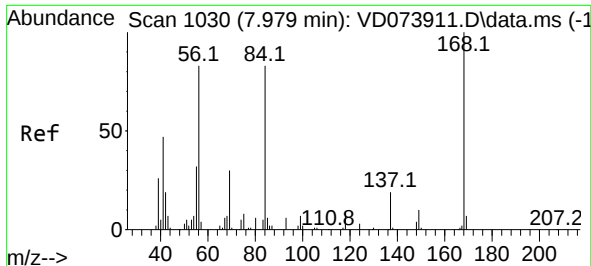
Tgt Ion: 43 Resp: 1557
Ion Ratio Lower Upper
43 100
72 0.0 22.7 34.1#



#29
Tetrahydrofuran
Concen: 1.208 ug/l
RT: 7.556 min Scan# 958
Delta R.T. -0.006 min
Lab File: VD073935.D
Acq: 02 Aug 2022 19:32

Tgt Ion: 42 Resp: 170
Ion Ratio Lower Upper
42 100
72 0.0 39.0 58.4#
71 0.0 35.7 53.5#

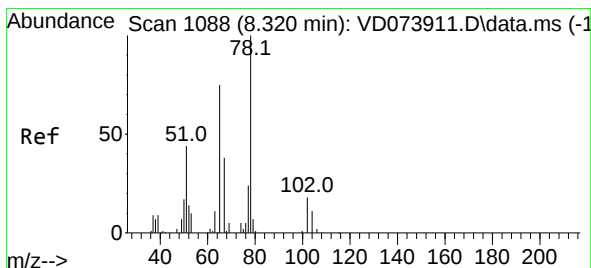
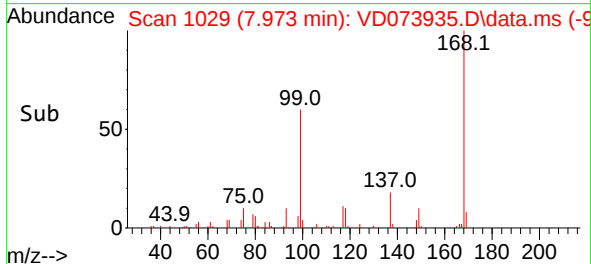
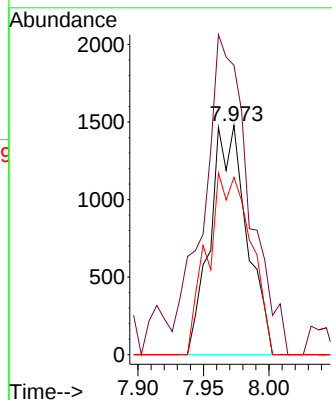
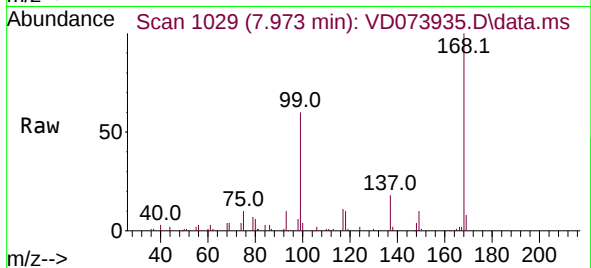




#31
Cyclohexane
Concen: 1.875 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073935.D
Acq: 02 Aug 2022 19:32

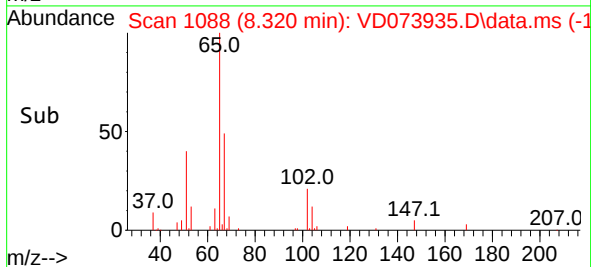
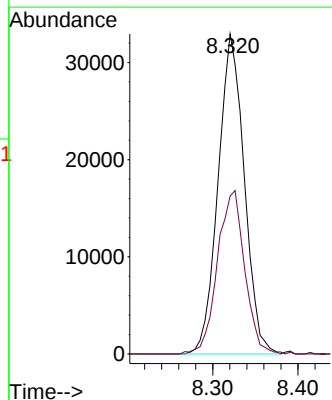
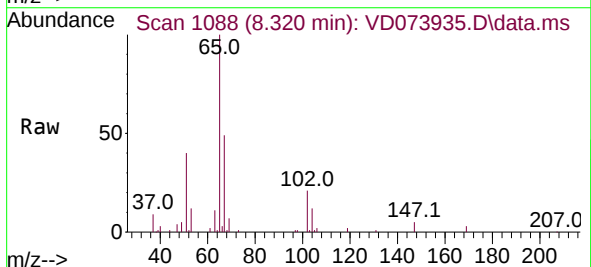
Instrument :
MSVOA_D
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MHB-LOWERRE

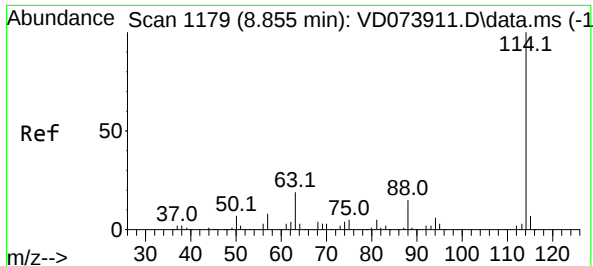
Tgt Ion: 56 Resp: 2865
Ion Ratio Lower Upper
56 100
69 104.1 29.2 43.8#
84 77.4 80.0 120.0#



#33
1,2-Dichloroethane-d4
Concen: 90.252 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD073935.D
Acq: 02 Aug 2022 19:32

Tgt Ion: 65 Resp: 70247
Ion Ratio Lower Upper
65 100
67 53.3 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073935.D

Acq: 02 Aug 2022 19:32

Instrument :

MSVOA_D

ClientSampleId :

MHB-LOWERRE

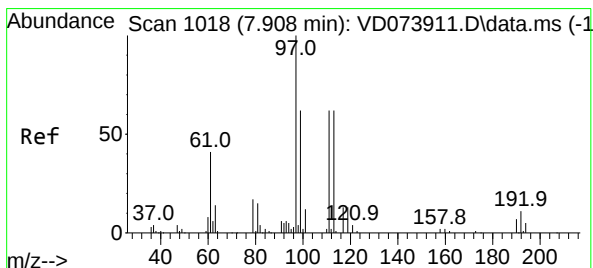
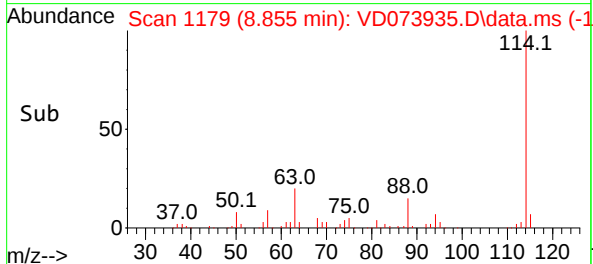
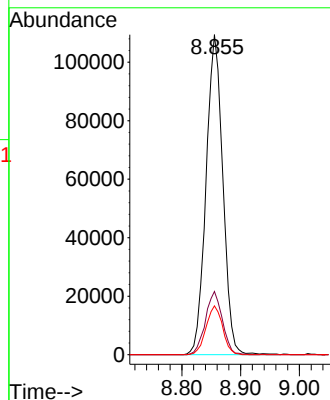
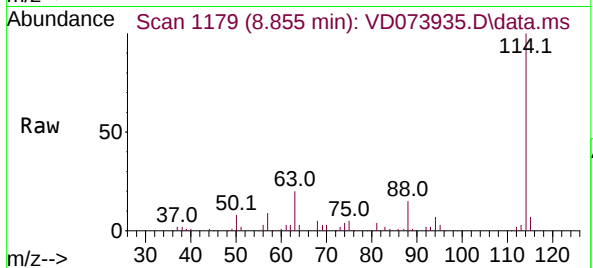
Tgt Ion:114 Resp: 216914

Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.6

88 15.2 0.0 30.2



#35

Dibromofluoromethane

Concen: 61.080 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.006 min

Lab File: VD073935.D

Acq: 02 Aug 2022 19:32

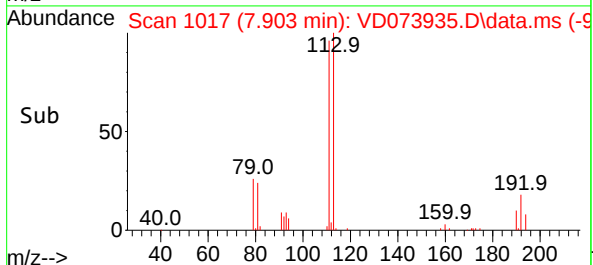
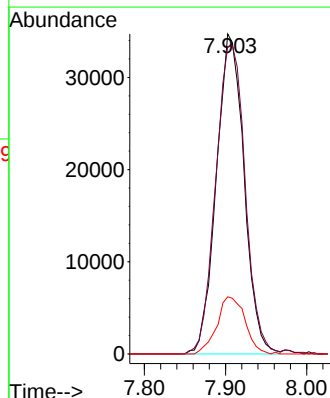
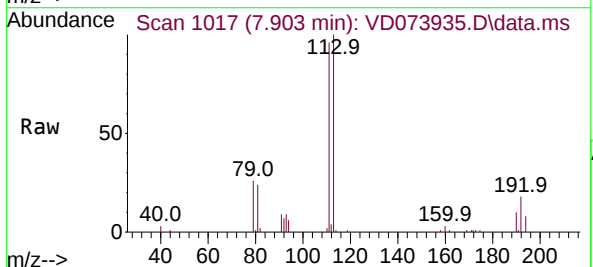
Tgt Ion:113 Resp: 82319

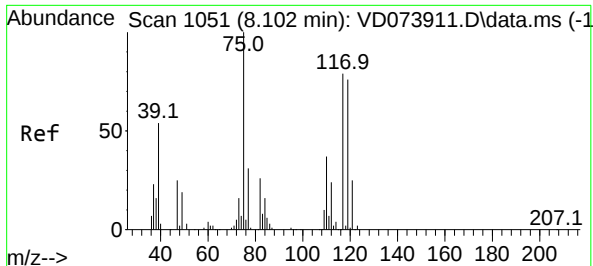
Ion Ratio Lower Upper

113 100

111 102.6 83.7 125.5

192 18.1 15.0 22.6





#36

1,1-Dichloropropene

Concen: 4.321 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.129 min

Lab File: VD073935.D

Acq: 02 Aug 2022 19:32

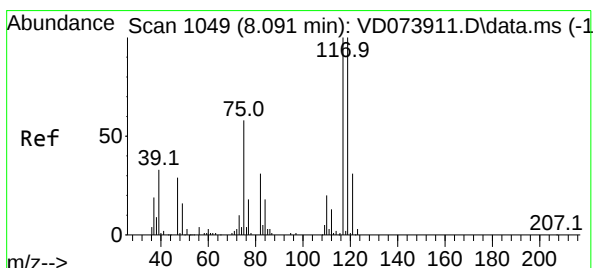
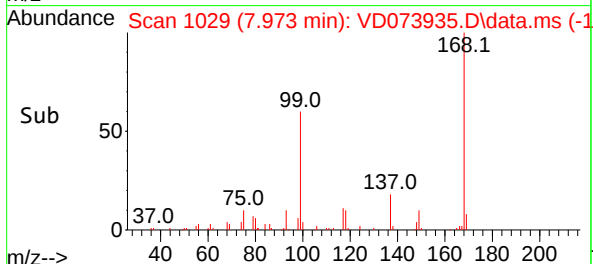
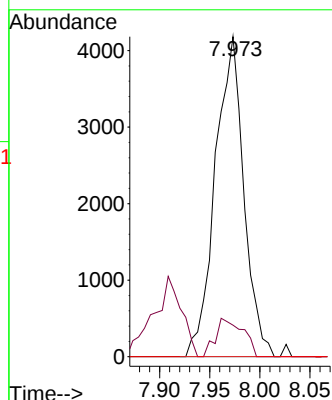
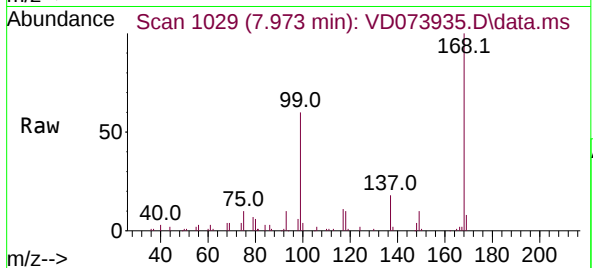
Instrument :

MSVOA_D

ClientSampleId :

MHB-LOWERRE

Tgt Ion:	75	Resp:	8294
Ion	Ratio	Lower	Upper
75	100		
110	11.5	18.1	54.1#
77	0.0	24.7	37.1#



#38

Carbon Tetrachloride

Concen: 5.201 ug/l

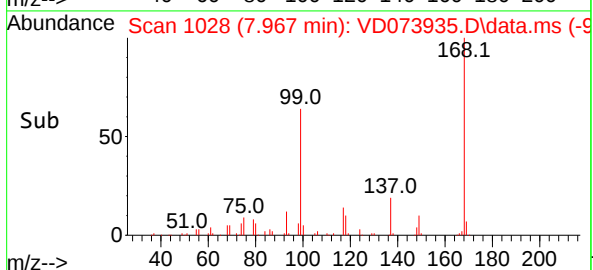
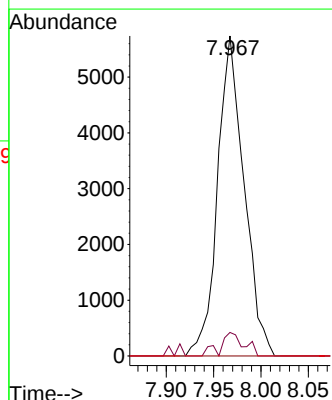
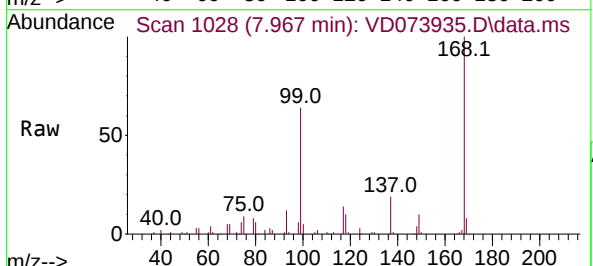
RT: 7.967 min Scan# 1028

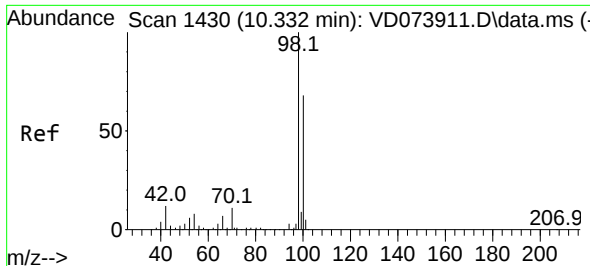
Delta R.T. -0.123 min

Lab File: VD073935.D

Acq: 02 Aug 2022 19:32

Tgt Ion:	117	Resp:	11184
Ion	Ratio	Lower	Upper
117	100		
119	7.3	79.6	119.4#
121	0.0	24.4	36.6#

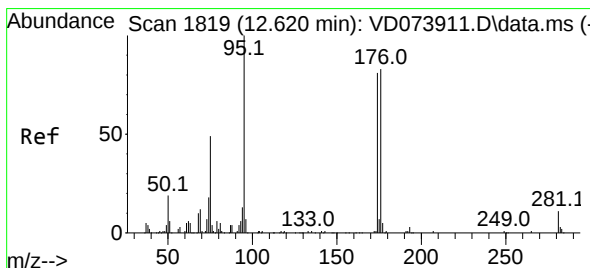
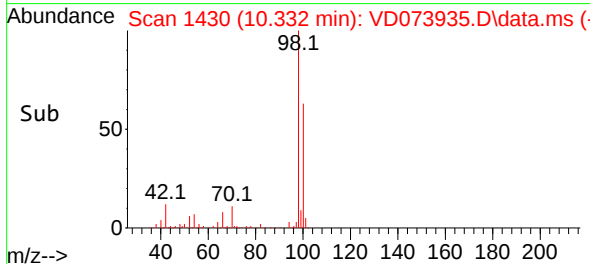
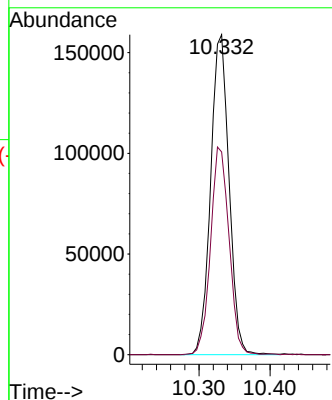
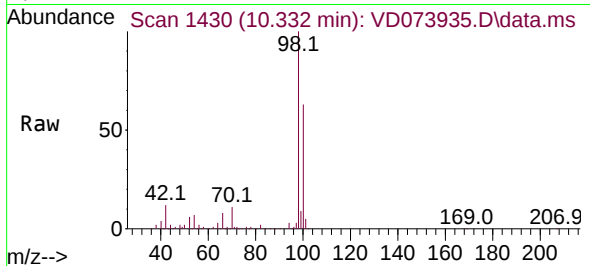




#50
Toluene-d8
Concen: 62.862 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD073935.D
Acq: 02 Aug 2022 19:32

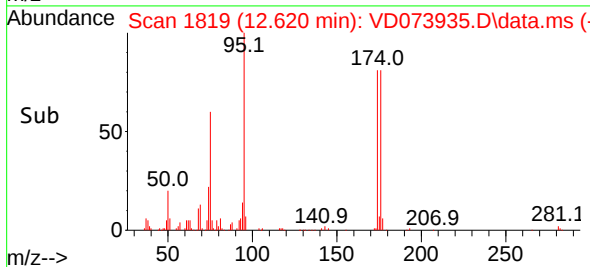
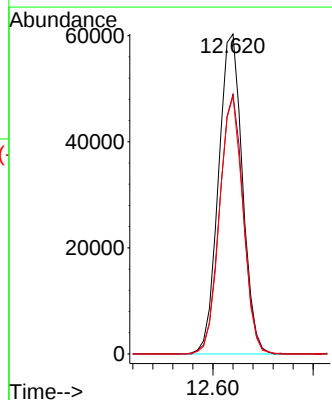
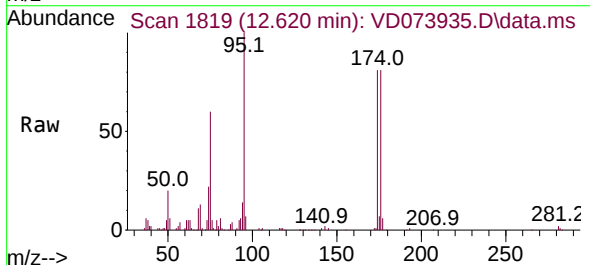
Instrument :
MSVOA_D
ClientSampleId :
MHB-LOWERRE

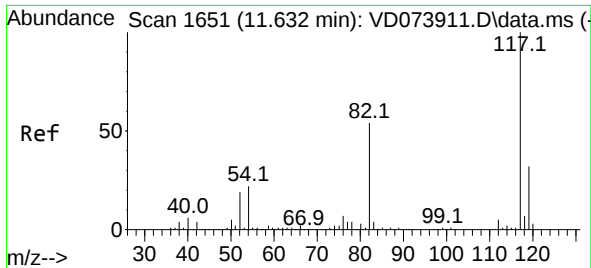
Tgt Ion: 98 Resp: 285377
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 59.750 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073935.D
Acq: 02 Aug 2022 19:32

Tgt Ion: 95 Resp: 99750
Ion Ratio Lower Upper
95 100
174 80.4 0.0 164.2
176 78.8 0.0 161.4

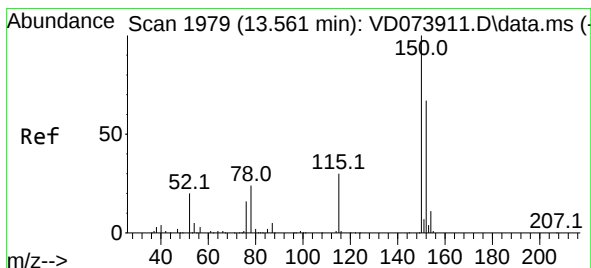
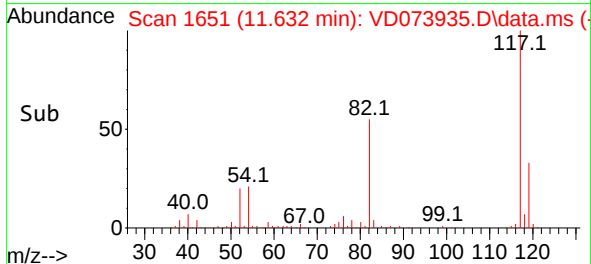
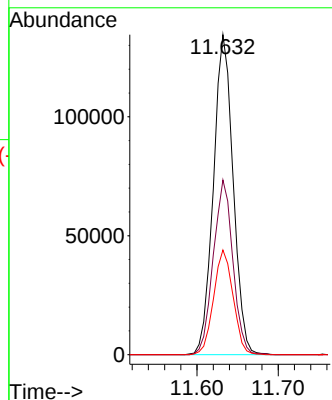
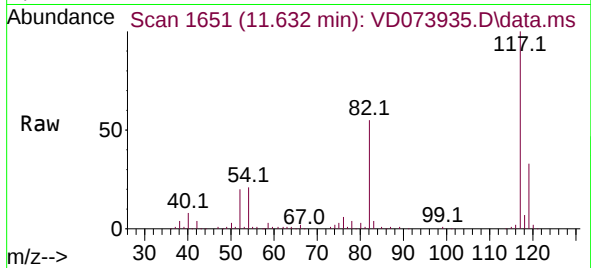




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD073935.D
Acq: 02 Aug 2022 19:32

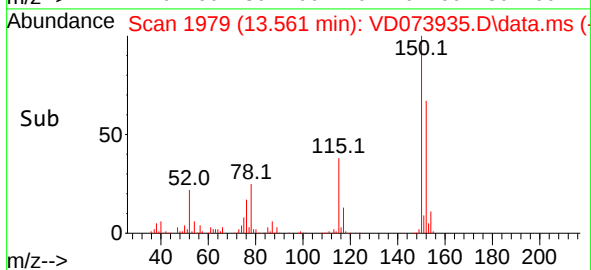
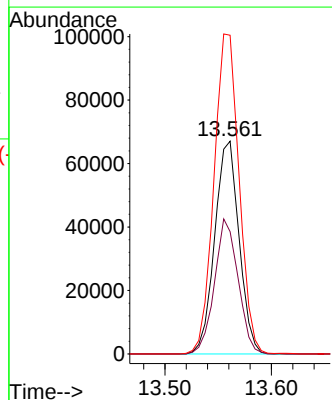
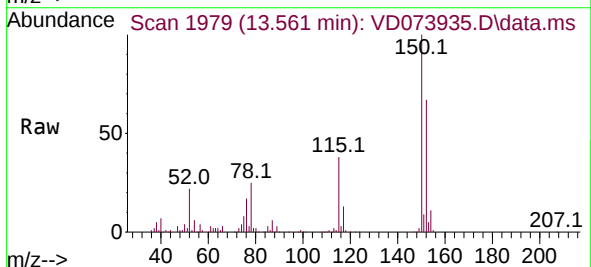
Instrument :
MSVOA_D
ClientSampleId :
MHB-LOWERRE

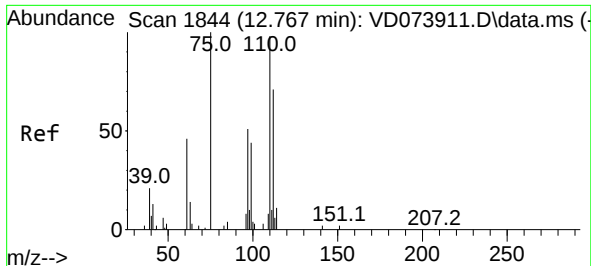
Tgt Ion:117 Resp: 227486
Ion Ratio Lower Upper
117 100
82 54.6 43.3 64.9
119 32.7 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073935.D
Acq: 02 Aug 2022 19:32

Tgt Ion:152 Resp: 106382
Ion Ratio Lower Upper
152 100
115 61.3 29.1 87.3
150 155.2 0.0 338.2

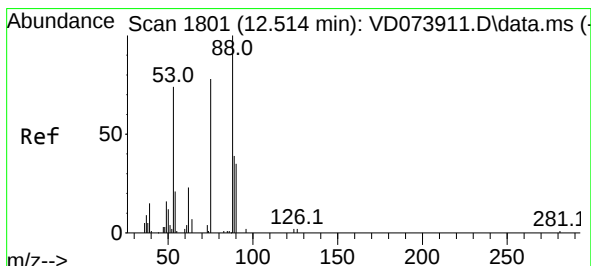
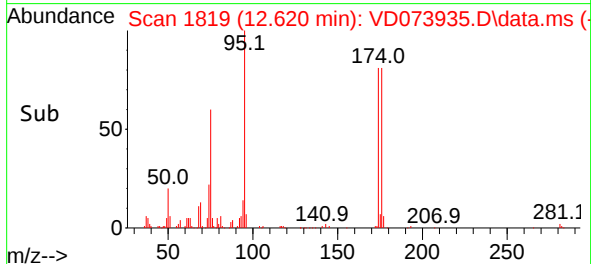
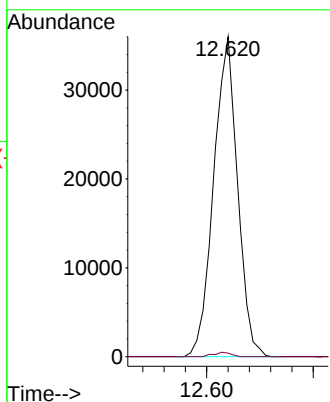
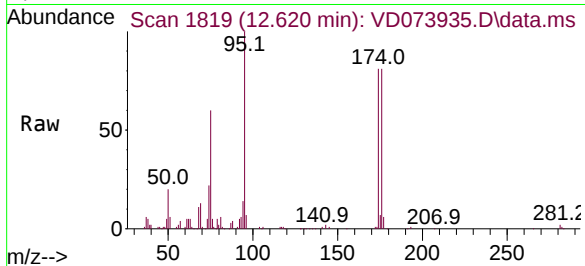




#76
1,2,3-Trichloropropane
Concen: 71.037 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD073935.D
Acq: 02 Aug 2022 19:32

Instrument :
MSVOA_D
ClientSampleId :
MHB-LOWERRE

Tgt Ion: 75 Resp: 55987
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 150.989 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD073935.D
Acq: 02 Aug 2022 19:32

Tgt Ion: 75 Resp: 55987
Ion Ratio Lower Upper
75 100
53 0.0 71.6 107.4#
89 0.1 39.8 59.6#

