

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081022\
 Data File : VD074030.D
 Acq On : 10 Aug 2022 17:33
 Operator : VA/SY
 Sample : N4088-01
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 PL-02-080522RE

Quant Time: Aug 10 18:04:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 14:55:58 2022
 Response via : Initial Calibration

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

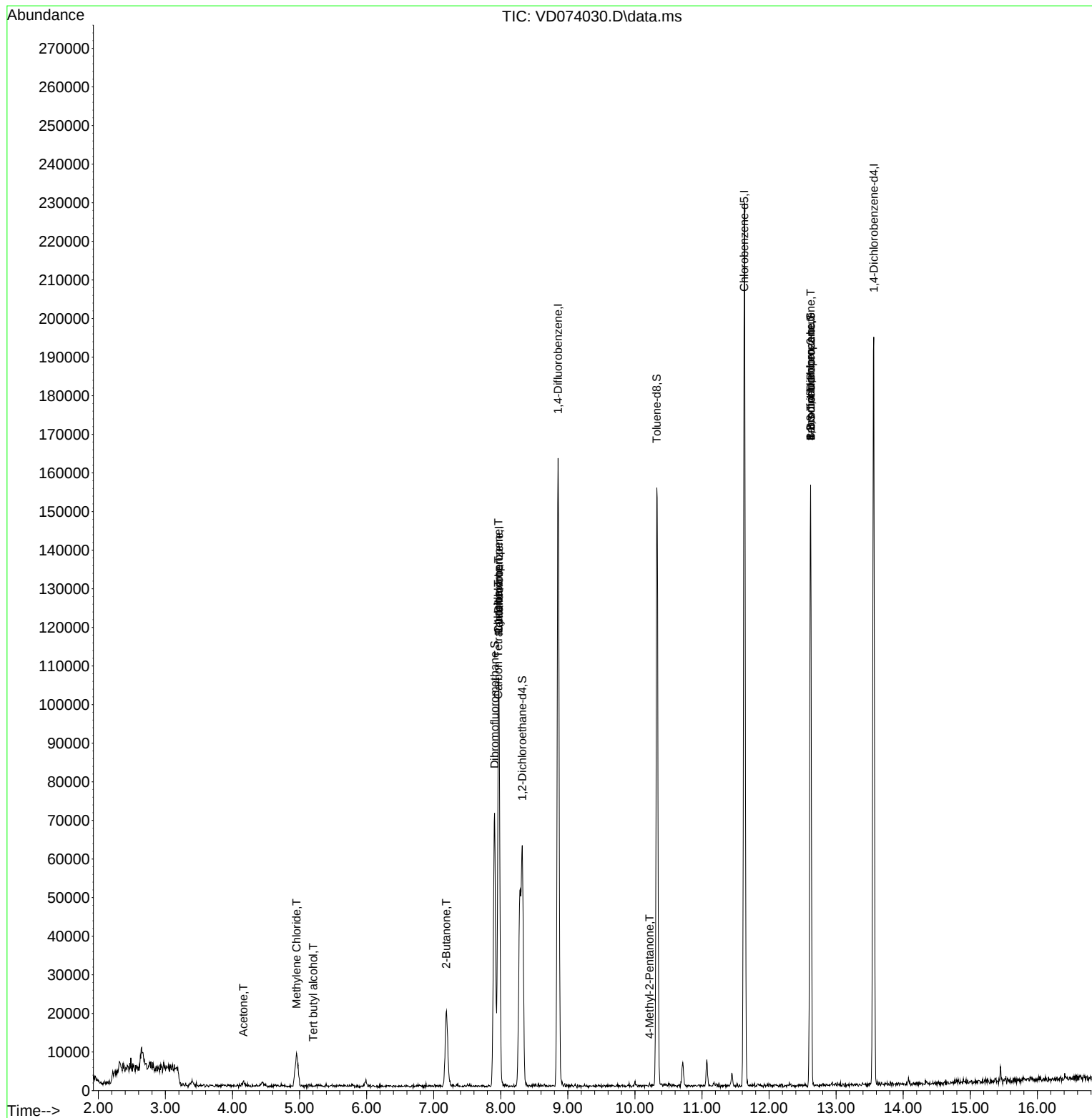
Internal Standards						
1) Pentafluorobenzene	7.973	168	77236	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	133928	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	126752	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	49596	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	45835	79.635	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 159.280%	
35) Dibromofluoromethane	7.908	113	46793	52.604	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.200%	
50) Toluene-d8	10.326	98	107554	45.736	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 91.480%	
62) 4-Bromofluorobenzene	12.620	95	47481	43.405	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.820%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	656	Below Cal	#	43
3) Chloromethane	2.215	50	471	Below Cal		92
11) Tert butyl alcohol	5.203	59	134	10.685	ug/l #	74
16) Acetone	4.162	43	1925	15.577	ug/l	96
18) Methyl Acetate	4.726	43	62	Below Cal	#	49
20) Methylene Chloride	4.956	84	6665	5.433	ug/l	93
25) 2-Butanone	7.185	43	1446	7.482	ug/l #	46
31) Cyclohexane	7.967	56	1993	1.470	ug/l #	46
36) 1,1-Dichloropropene	7.967	75	6190	4.573	ug/l #	50
38) Carbon Tetrachloride	7.961	117	8530	5.589	ug/l #	17
51) 4-Methyl-2-Pentanone	10.220	43	483	1.022	ug/l #	36
71) Bromoform	12.620	173	768	1.358	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	26015	57.451	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	26015	153.336	ug/l #	13

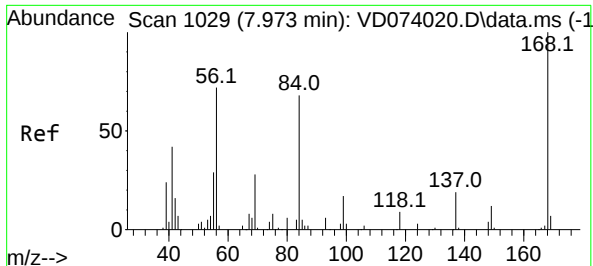
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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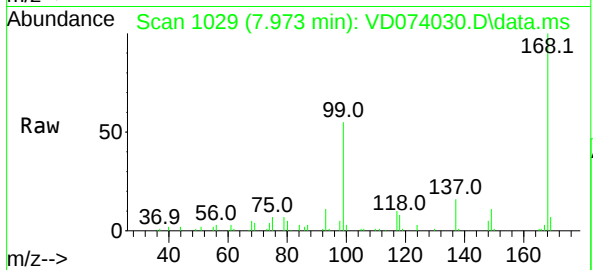
Quant Time: Aug 10 18:04:00 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
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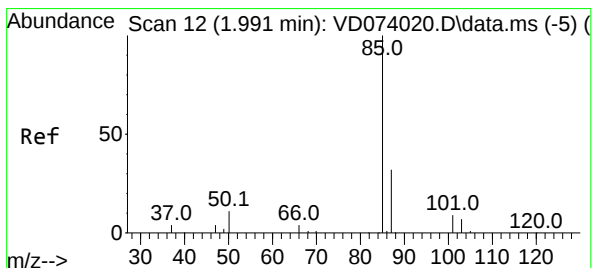
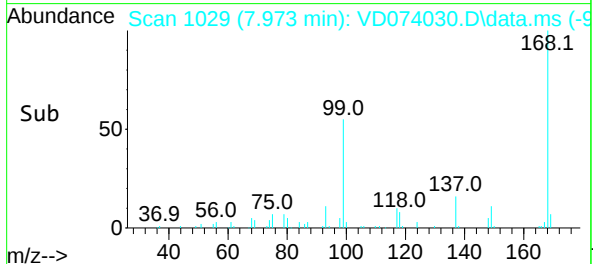
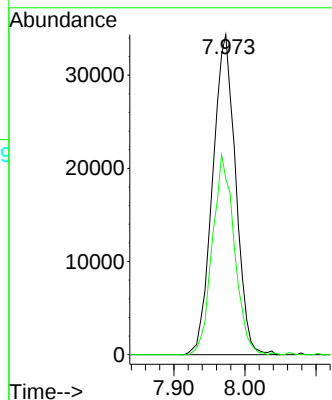


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

Instrument :
MSVOA_D
ClientSampleId :
PL-02-080522RE

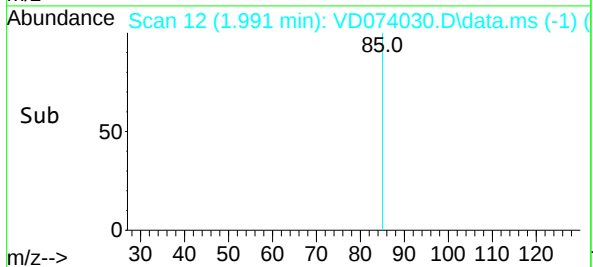
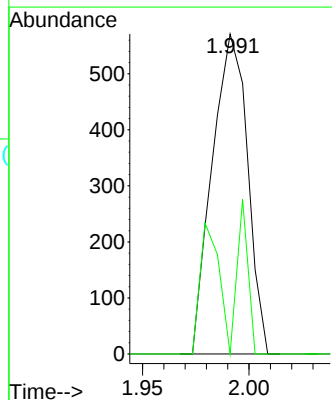
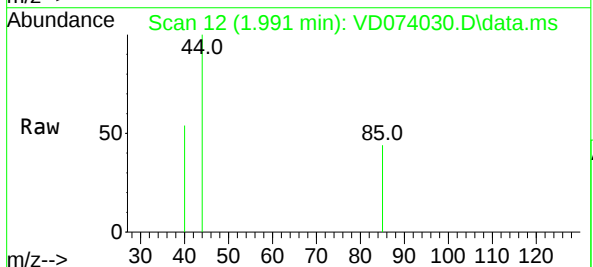


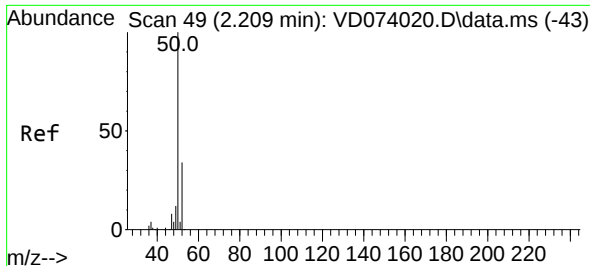
Tgt Ion:168 Resp: 77236
Ion Ratio Lower Upper
168 100
99 54.9 48.3 72.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

Tgt Ion: 85 Resp: 656
Ion Ratio Lower Upper
85 100
87 0.0 16.0 47.9#

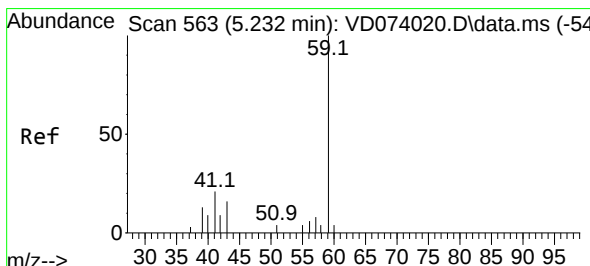
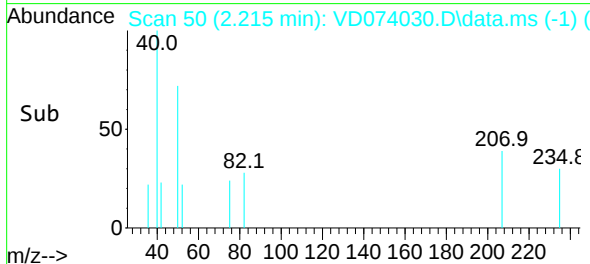
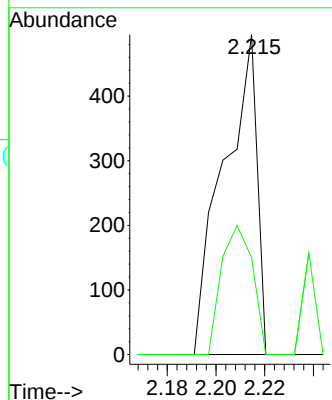
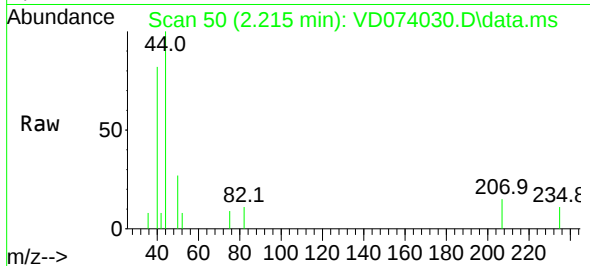




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

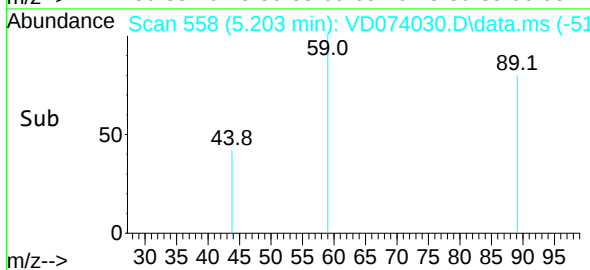
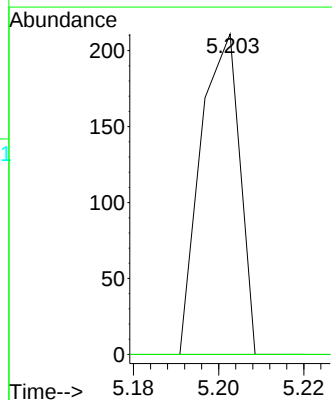
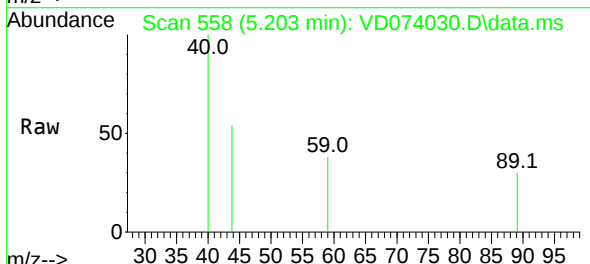
Instrument :
MSVOA_D
ClientSampleId :
PL-02-080522RE

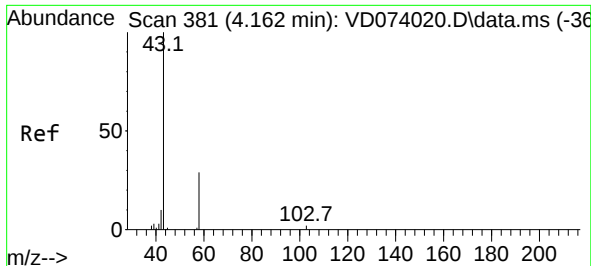
Tgt Ion: 50 Resp: 471
Ion Ratio Lower Upper
50 100
52 30.3 28.1 42.1



#11
Tert butyl alcohol
Concen: 10.685 ug/l
RT: 5.203 min Scan# 558
Delta R.T. -0.029 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

Tgt Ion: 59 Resp: 134
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#

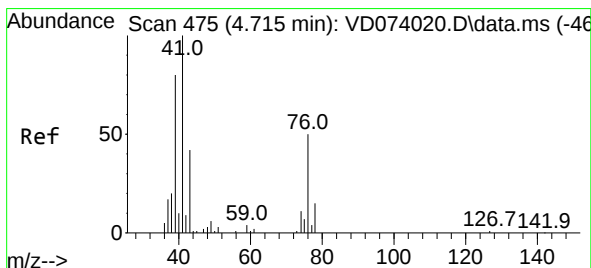
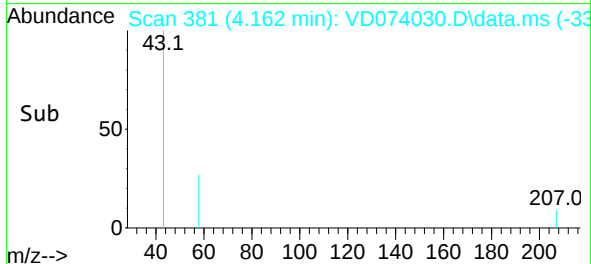
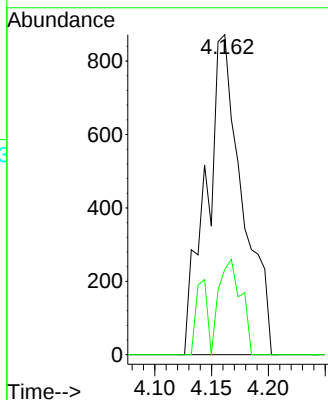
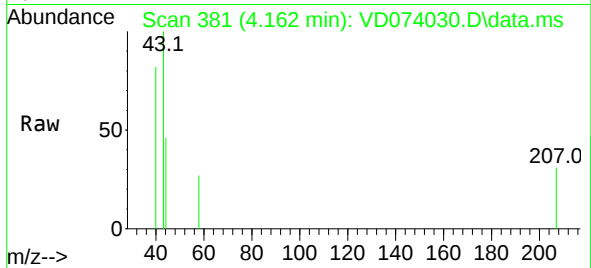




#16
Acetone
Concen: 15.577 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

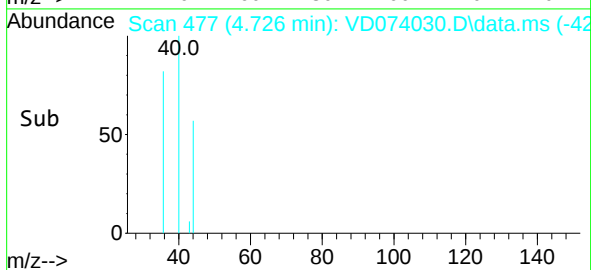
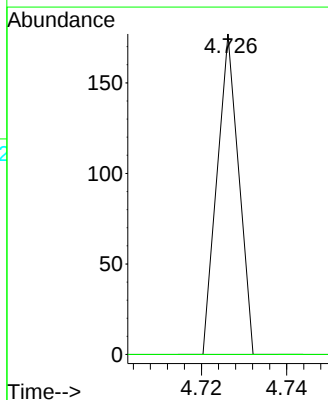
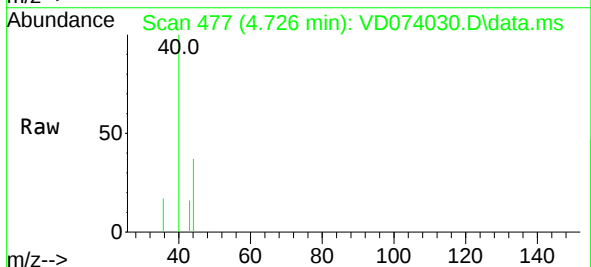
Instrument :
MSVOA_D
ClientSampleId :
PL-02-080522RE

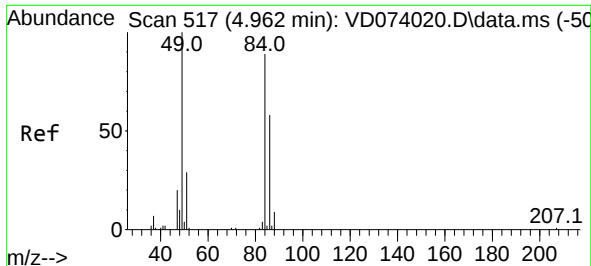
Tgt Ion: 43 Resp: 1925
Ion Ratio Lower Upper
43 100
58 26.6 22.8 34.2



#18
Methyl Acetate
Concen: Below Cal
RT: 4.726 min Scan# 477
Delta R.T. 0.011 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

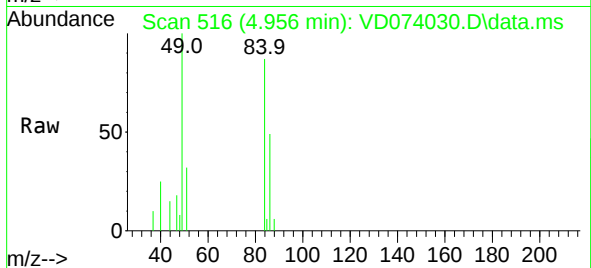
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.4#



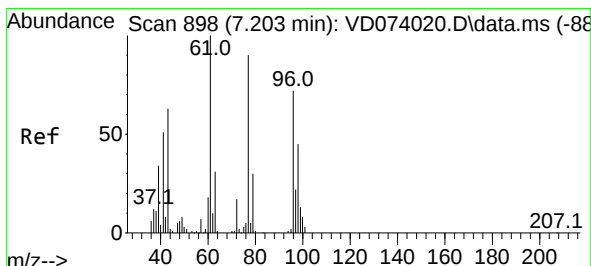
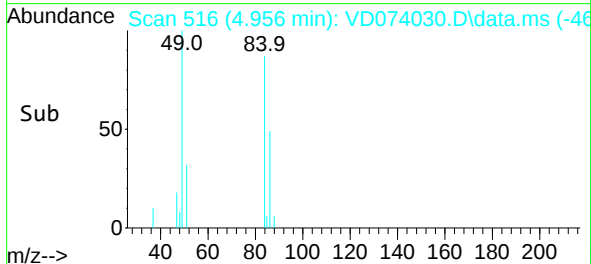
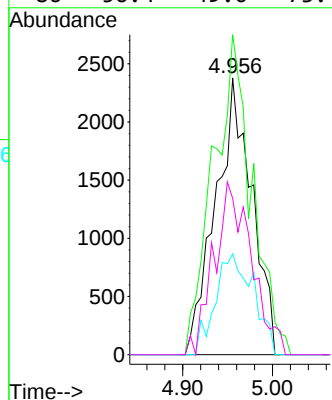


#20
Methylene Chloride
Concen: 5.433 ug/l
RT: 4.956 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

Instrument :
MSVOA_D
ClientSampleId :
PL-02-080522RE

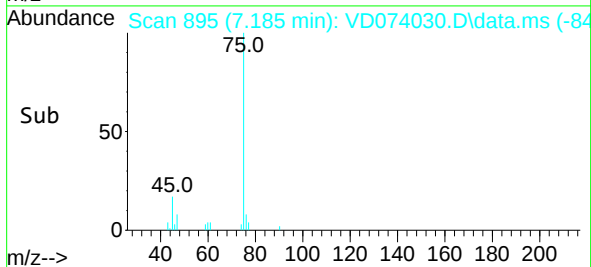
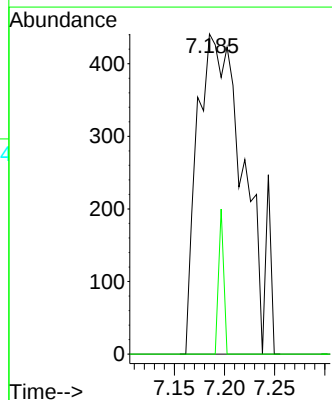
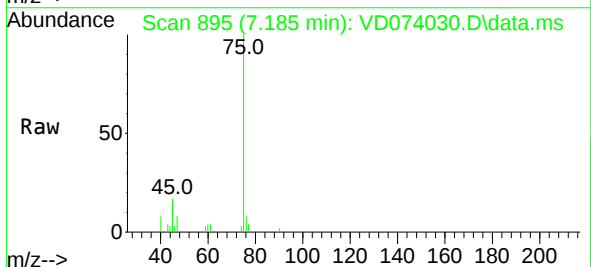


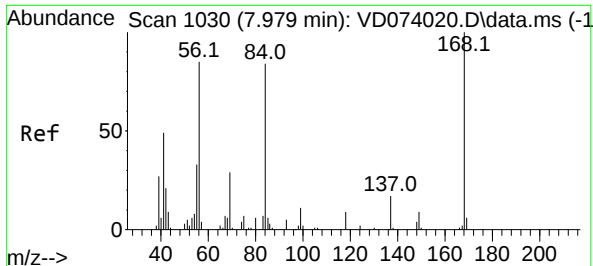
Tgt Ion:	84	Resp:	6665
Ion	Ratio	Lower	Upper
84	100		
49	115.6	85.8	128.6
51	36.4	28.0	42.0
86	56.4	49.0	73.4



#25
2-Butanone
Concen: 7.482 ug/l
RT: 7.185 min Scan# 895
Delta R.T. -0.018 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

Tgt Ion:	43	Resp:	1446
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.0	34.6#

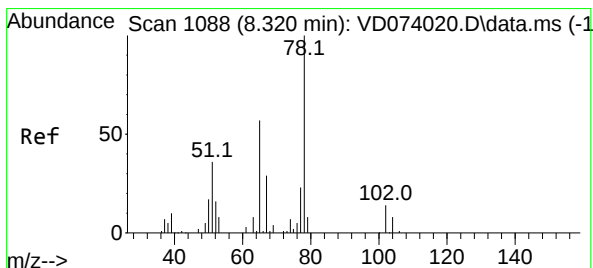
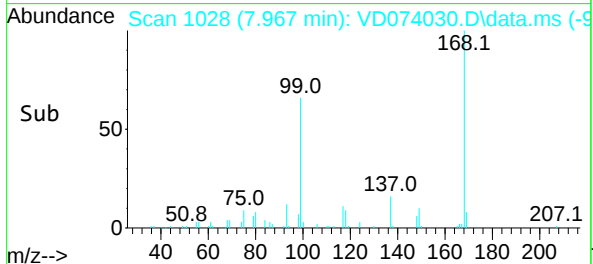
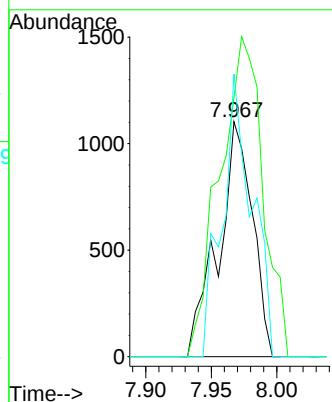
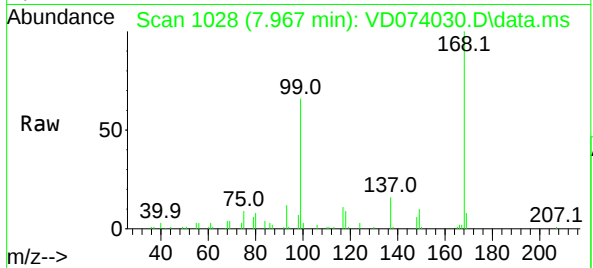




#31
Cyclohexane
Concen: 1.470 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.012 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

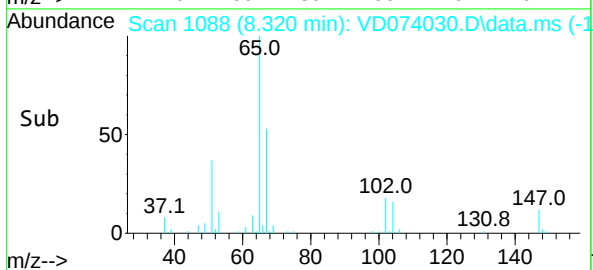
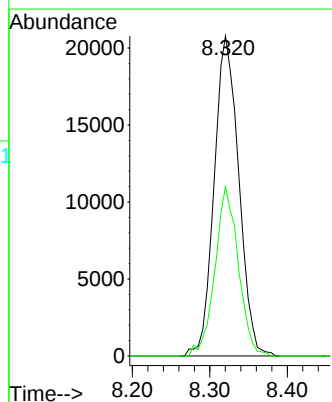
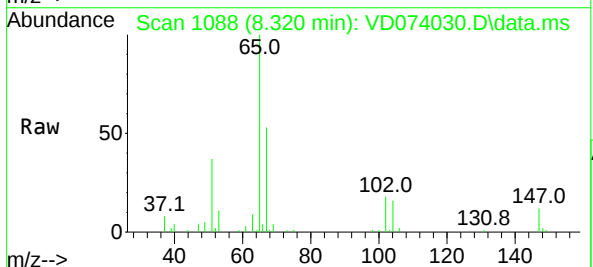
Instrument :
MSVOA_D
ClientSampleId :
PL-02-080522RE

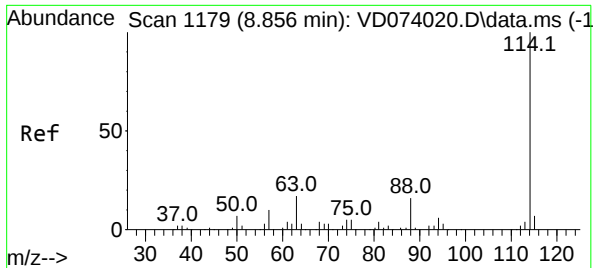
Tgt Ion: 56 Resp: 1993
Ion Ratio Lower Upper
56 100
69 110.2 27.9 41.9#
84 120.3 75.8 113.6#



#33
1,2-Dichloroethane-d4
Concen: 79.635 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

Tgt Ion: 65 Resp: 45835
Ion Ratio Lower Upper
65 100
67 50.2 0.0 113.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD074030.D

Acq: 10 Aug 2022 17:33

Instrument :

MSVOA_D

ClientSampleId :

PL-02-080522RE

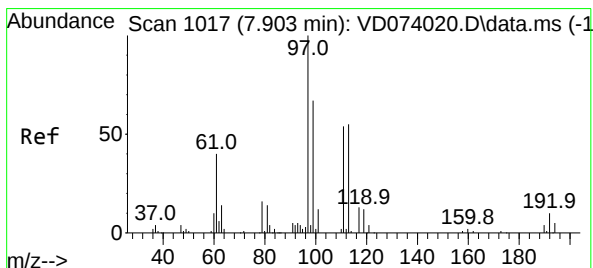
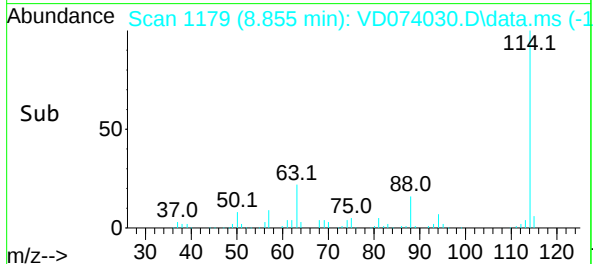
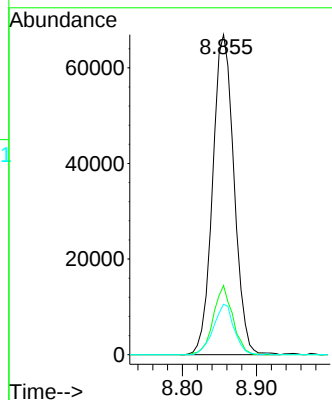
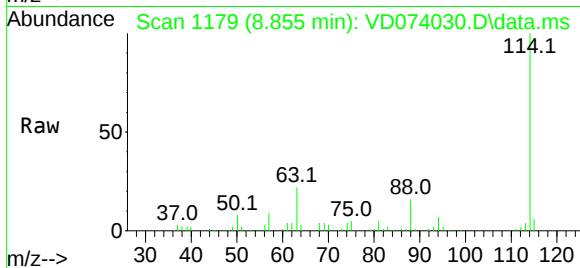
Tgt Ion:114 Resp: 133928

Ion Ratio Lower Upper

114 100

63 21.6 0.0 41.0

88 15.8 0.0 31.6



#35

Dibromofluoromethane

Concen: 52.604 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.005 min

Lab File: VD074030.D

Acq: 10 Aug 2022 17:33

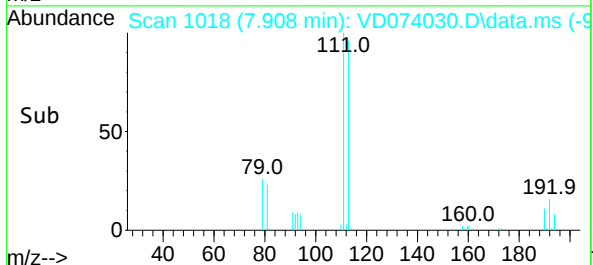
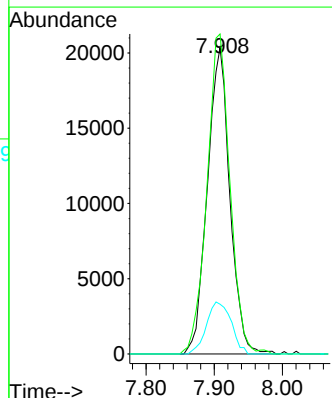
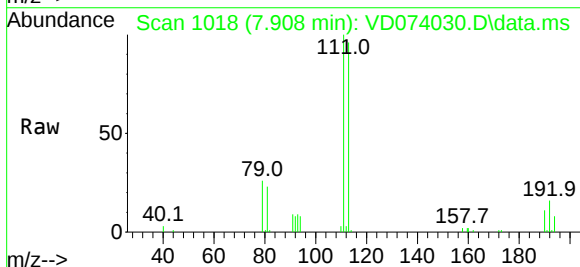
Tgt Ion:113 Resp: 46793

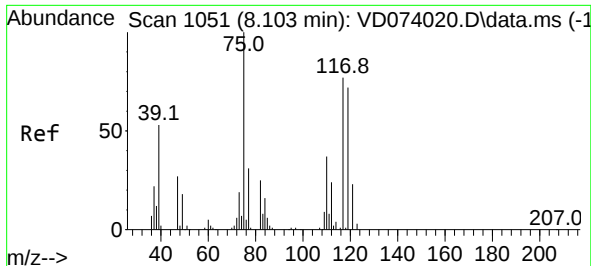
Ion Ratio Lower Upper

113 100

111 106.7 80.0 120.0

192 18.6 14.2 21.4

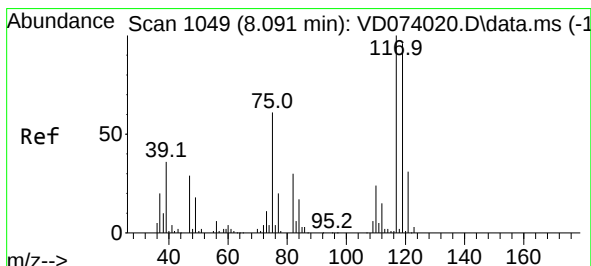
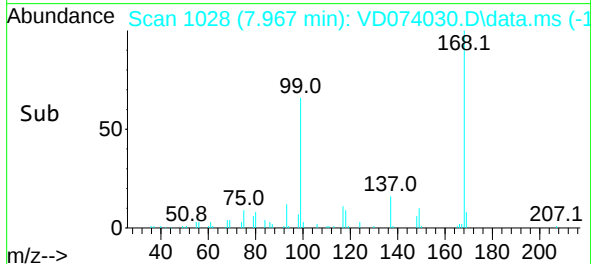
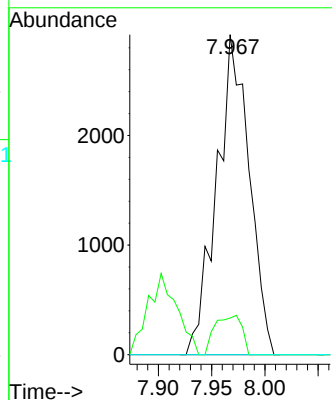
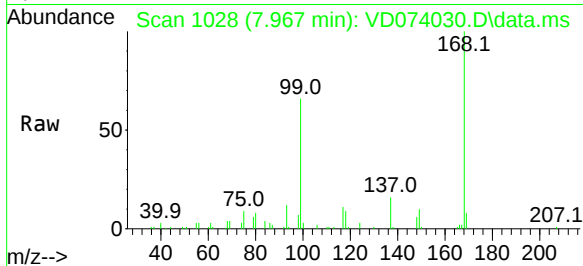




#36
1,1-Dichloropropene
Concen: 4.573 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.136 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

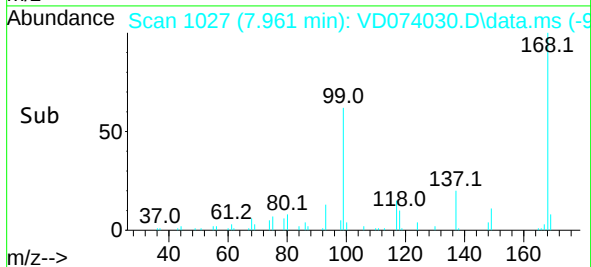
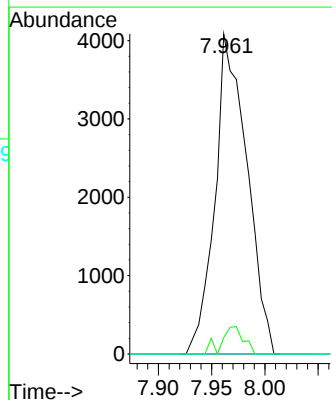
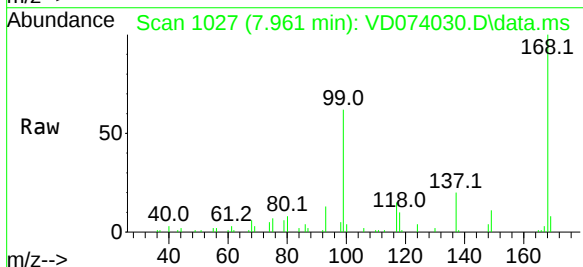
Instrument :
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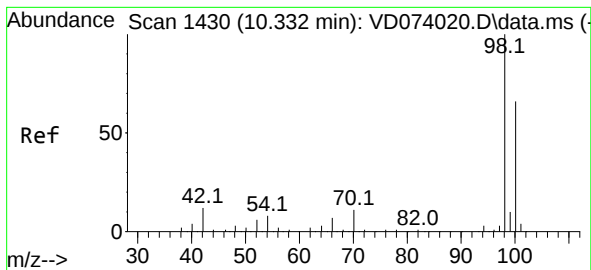
Tgt Ion: 75 Resp: 6190
Ion Ratio Lower Upper
75 100
110 10.2 18.4 55.4#
77 0.0 24.6 36.8#



#38
Carbon Tetrachloride
Concen: 5.589 ug/l
RT: 7.961 min Scan# 1027
Delta R.T. -0.130 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

Tgt Ion: 117 Resp: 8530
Ion Ratio Lower Upper
117 100
119 5.1 75.4 113.2#
121 0.0 25.2 37.8#

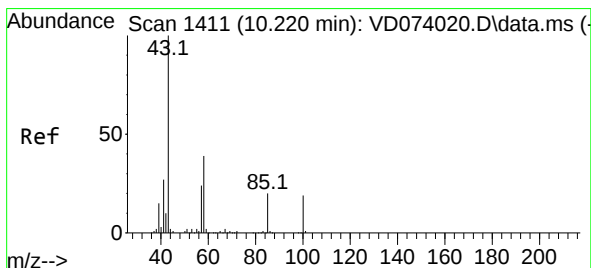
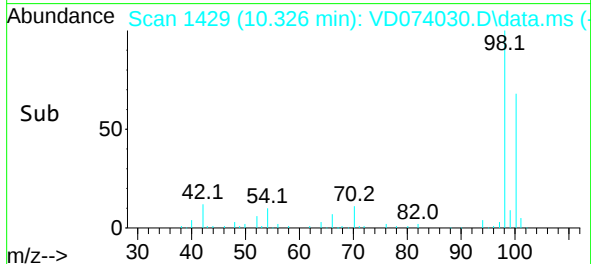
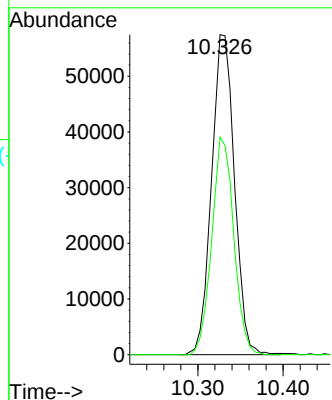
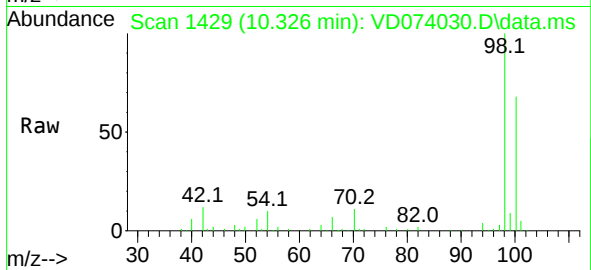




#50
Toluene-d8
Concen: 45.736 ug/l
RT: 10.326 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

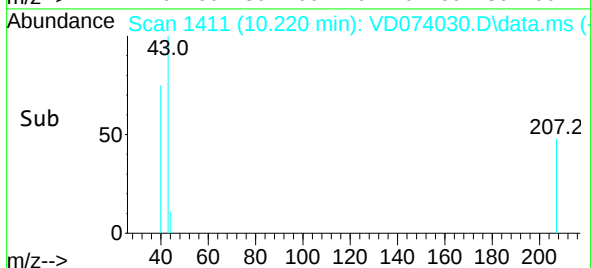
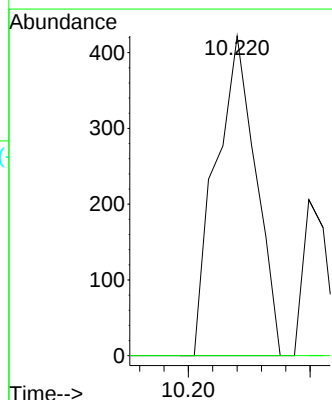
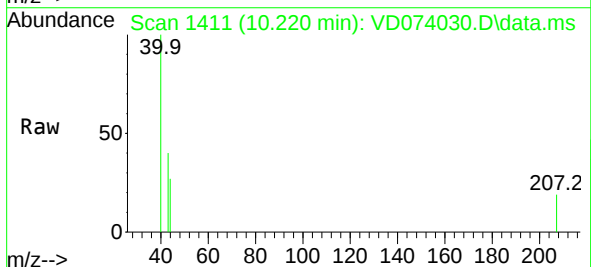
Instrument :
MSVOA_D
ClientSampleId :
PL-02-080522RE

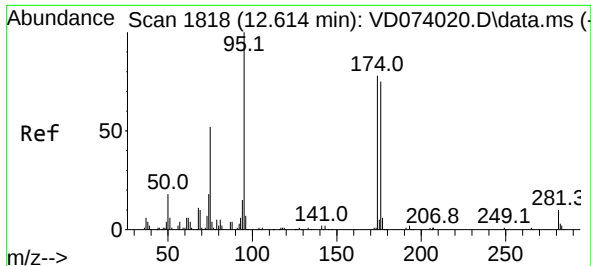
Tgt Ion: 98 Resp: 107554
Ion Ratio Lower Upper
98 100
100 65.3 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 1.022 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

Tgt Ion: 43 Resp: 483
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

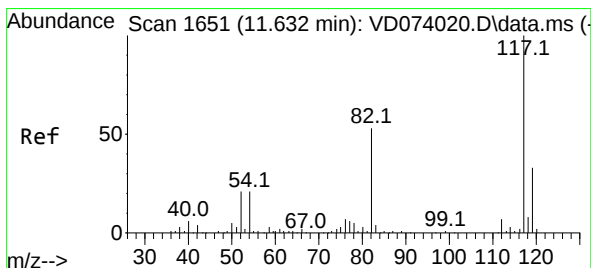
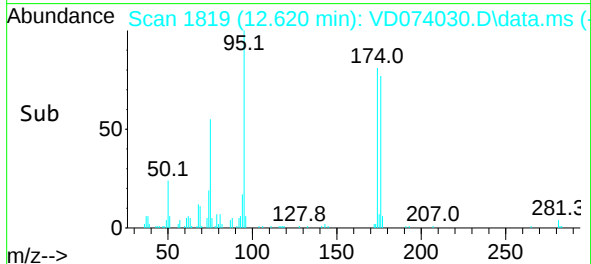
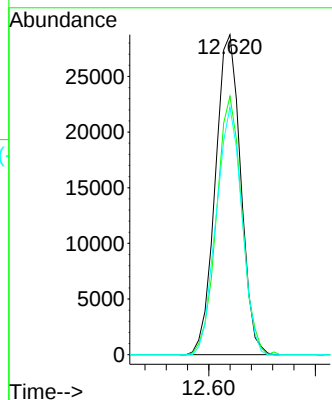
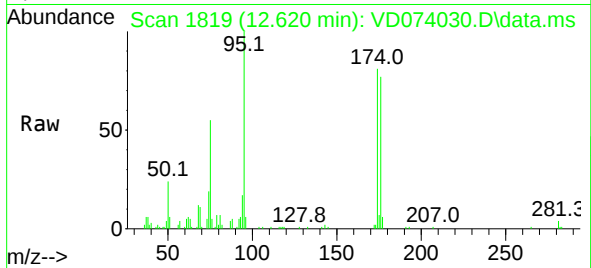




#62
4-Bromofluorobenzene
Concen: 43.405 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

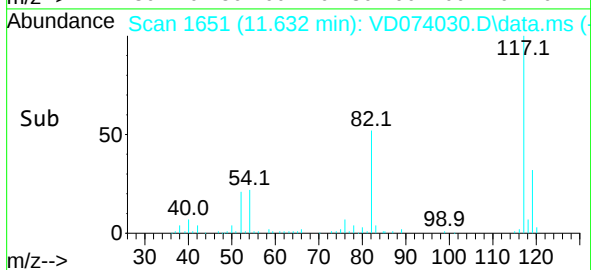
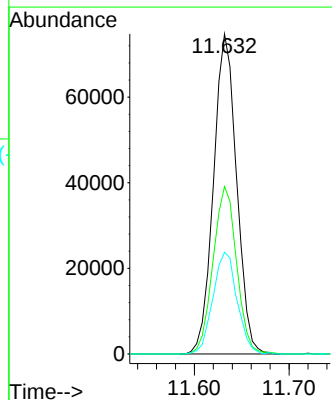
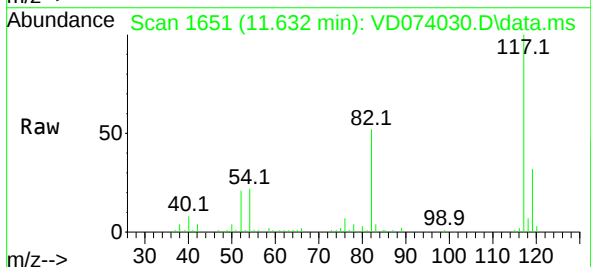
Instrument :
MSVOA_D
ClientSampleId :
PL-02-080522RE

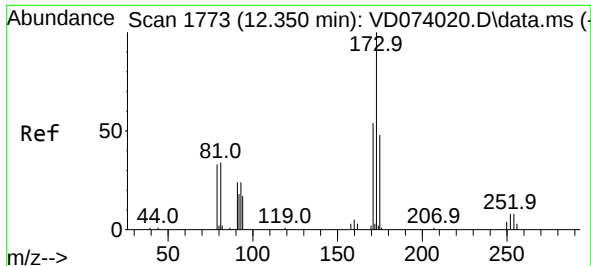
Tgt Ion: 95 Resp: 47481
Ion Ratio Lower Upper
95 100
174 80.6 0.0 162.6
176 77.9 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

Tgt Ion: 117 Resp: 126752
Ion Ratio Lower Upper
117 100
82 52.4 42.7 64.1
119 31.8 25.8 38.8

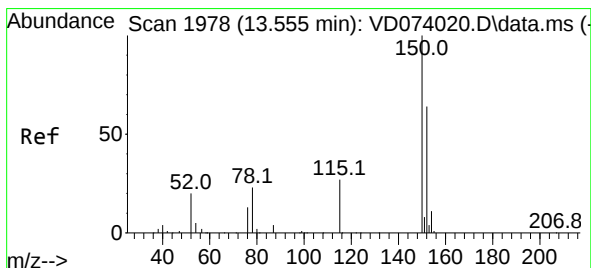
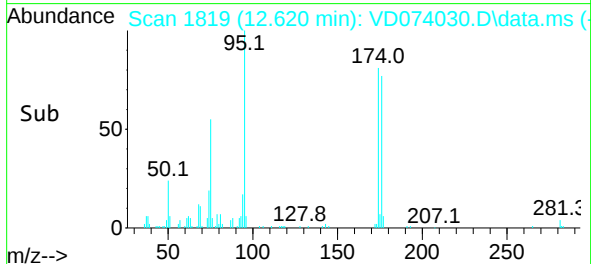
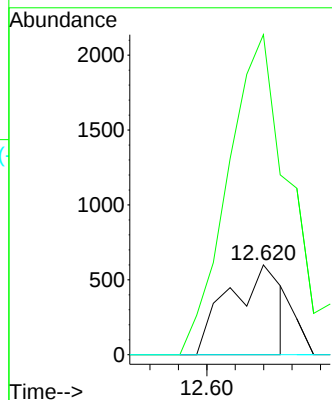
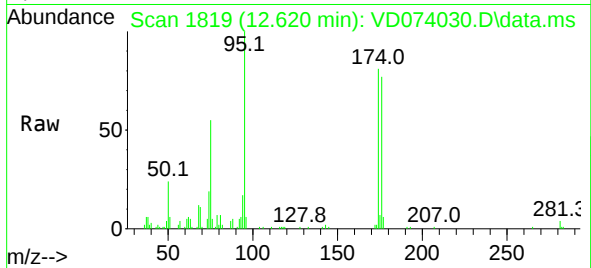




#71
Bromoform
Concen: 1.358 ug/l
RT: 12.620 min Scan# 1173
Delta R.T. 0.270 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

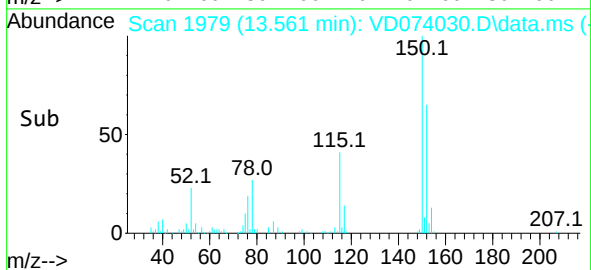
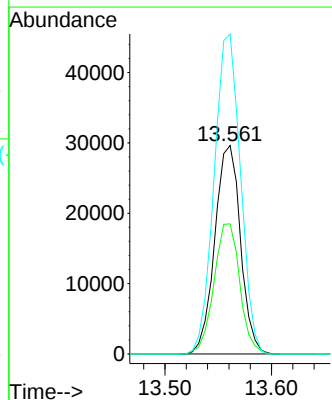
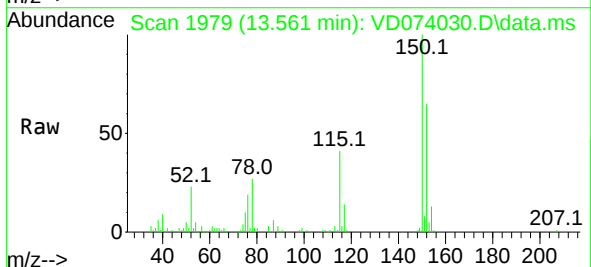
Instrument :
MSVOA_D
ClientSampleId :
PL-02-080522RE

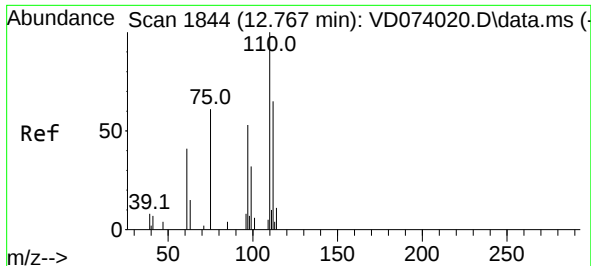
Tgt Ion:173 Resp: 768
Ion Ratio Lower Upper
173 100
175 339.8 23.9 71.8#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.006 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

Tgt Ion:152 Resp: 49596
Ion Ratio Lower Upper
152 100
115 62.8 29.9 89.8
150 157.2 0.0 342.8

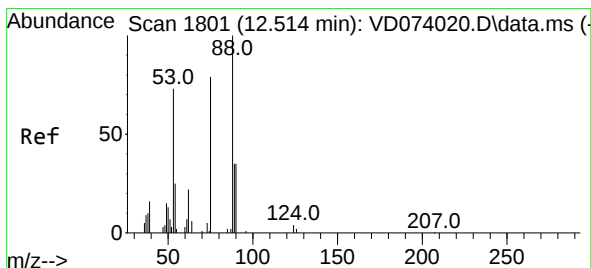
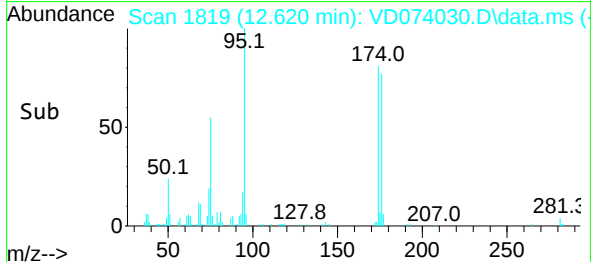
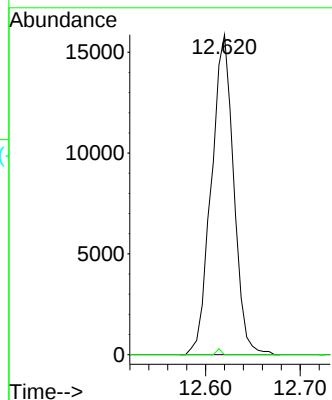
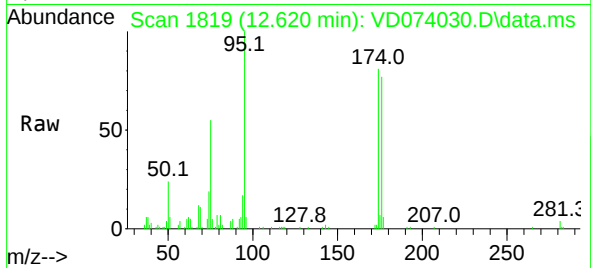




#76
1,2,3-Trichloropropane
Concen: 57.451 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

Instrument :
MSVOA_D
ClientSampleId :
PL-02-080522RE

Tgt Ion: 75 Resp: 26015
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 153.336 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD074030.D
Acq: 10 Aug 2022 17:33

Tgt Ion: 75 Resp: 26015
Ion Ratio Lower Upper
75 100
53 0.0 71.3 106.9#
89 0.0 38.3 57.5#

