

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081122\
 Data File : VD074054.D
 Acq On : 11 Aug 2022 21:14
 Operator : VA/SY
 Sample : N4130-15RE
 Misc : 4.99G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB01RE

Quant Time: Aug 12 01:20:30 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)

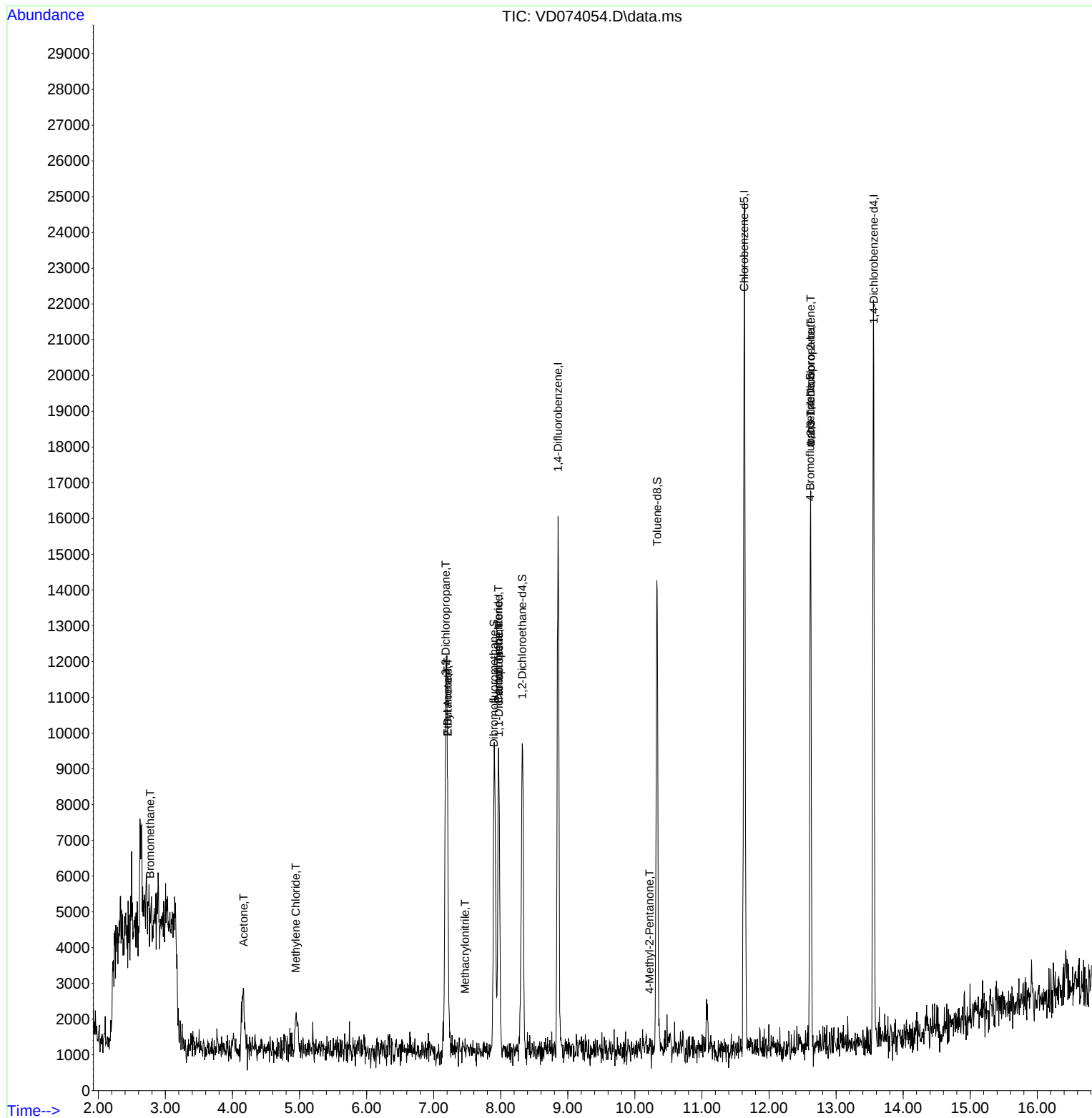
Internal Standards						
1) Pentafluorobenzene	7.967	168	6431	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.856	114	12062	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	13040	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	5461	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	7192	157.751	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 315.500%#	
35) Dibromofluoromethane	7.897	113	5960	74.394	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 148.780%#	
50) Toluene-d8	10.332	98	9536	44.925	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 89.860%	
62) 4-Bromofluorobenzene	12.614	95	4972	50.467	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 100.940%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.203	50	176	Below Cal	#	40
5) Bromomethane	2.774	94	209	2.216	ug/l	# 4
16) Acetone	4.168	43	3066	297.958	ug/l	# 87
20) Methylene Chloride	4.944	84	453	3.851	ug/l	# 55
25) 2-Butanone	7.209	43	376	23.366	ug/l	# 46
26) 2,2-Dichloropropane	7.179	77	216	1.774	ug/l	# 53
36) 1,1-Dichloropropene	7.973	75	487	3.995	ug/l	# 41
37) Ethyl Acetate	7.209	43	376	8.666	ug/l	# 67
38) Carbon Tetrachloride	7.967	117	775	5.639	ug/l	# 13
41) Methacrylonitrile	7.467	41	73	3.079	ug/l	# 18
51) 4-Methyl-2-Pentanone	10.220	43	124	2.913	ug/l	# 36
76) 1,2,3-Trichloropropane	12.620	75	2707	54.292	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.620	75	2707	144.905	ug/l	# 13

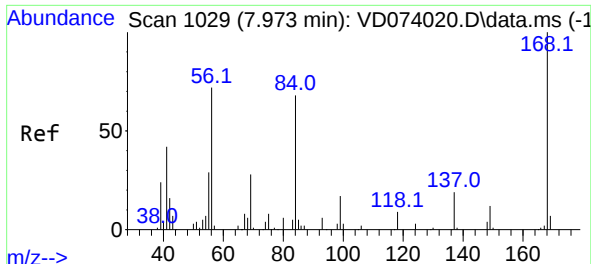
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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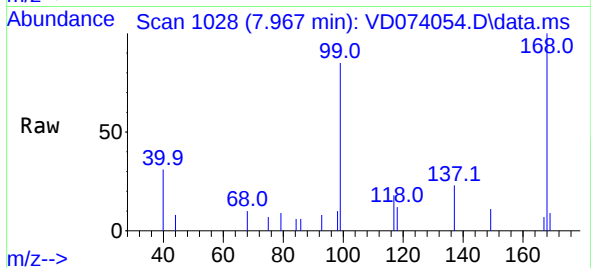
Quant Time: Aug 12 01:20:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081022S.M
Quant Title : SW846 8260
QLast Update : Wed Aug 10 14:55:58 2022
Response via : Initial Calibration



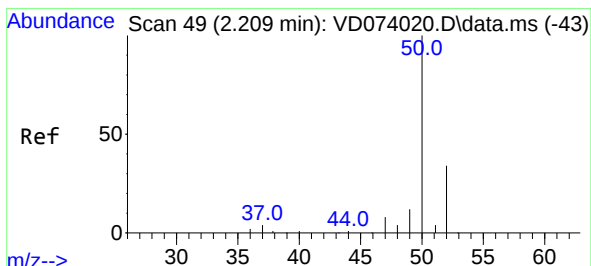
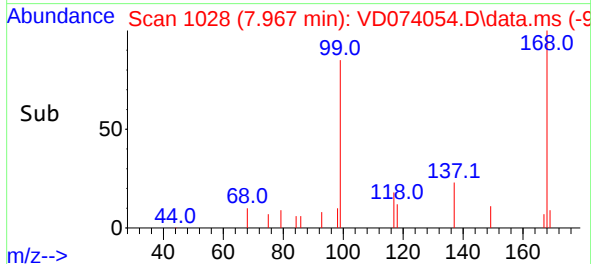
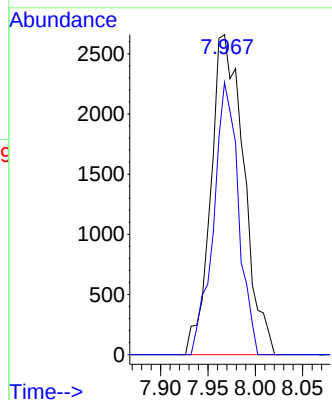


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.006 min
Lab File: VD074054.D
Acq: 11 Aug 2022 21:14

Instrument :
MSVOA_D
ClientSampleId :
SB01RE

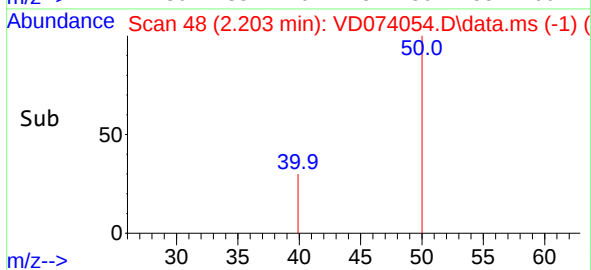
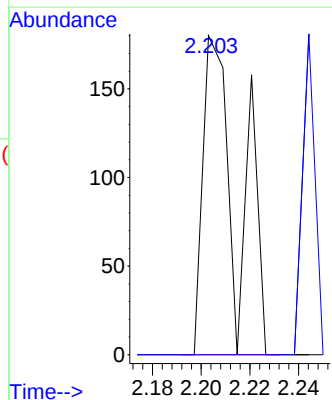
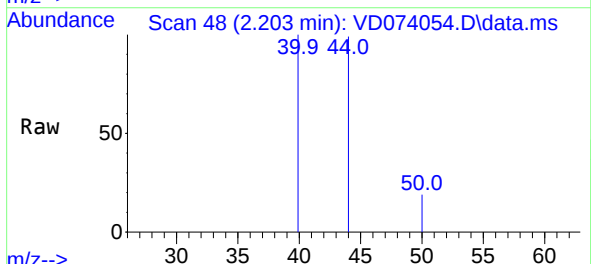


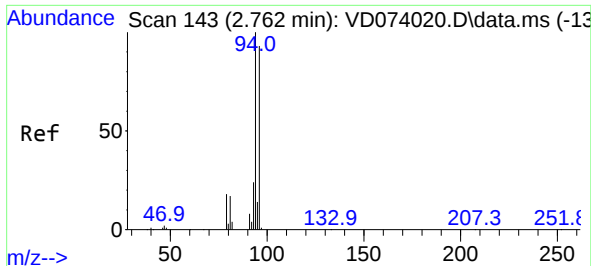
Tgt Ion:168 Resp: 6431
Ion Ratio Lower Upper
168 100
99 85.1 48.3 72.5#



#3
Chloromethane
Concen: Below Cal
RT: 2.203 min Scan# 48
Delta R.T. -0.006 min
Lab File: VD074054.D
Acq: 11 Aug 2022 21:14

Tgt Ion: 50 Resp: 176
Ion Ratio Lower Upper
50 100
52 0.0 28.1 42.1#

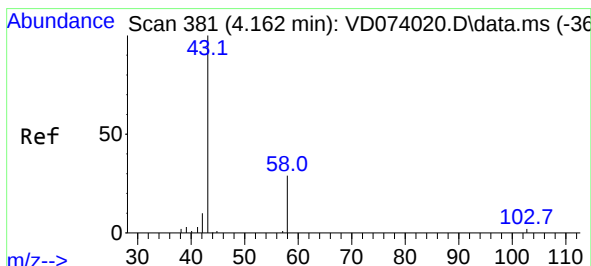
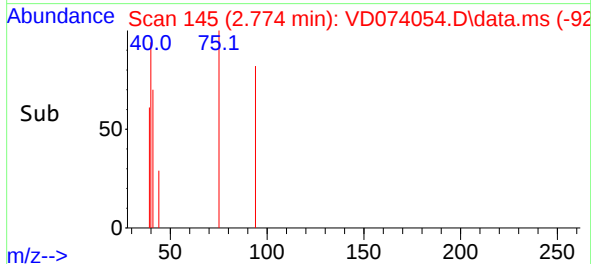
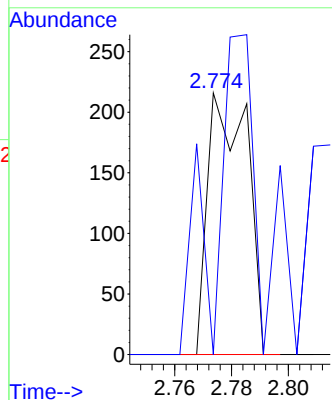
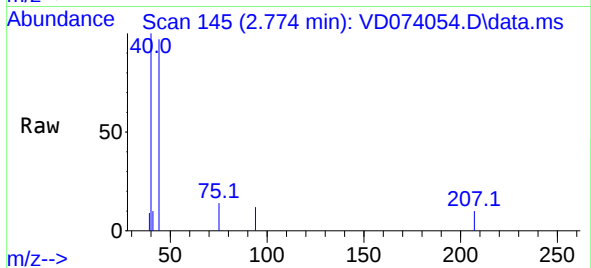




#5
Bromomethane
Concen: 2.216 ug/l
RT: 2.774 min Scan# 14
Delta R.T. 0.012 min
Lab File: VD074054.D
Acq: 11 Aug 2022 21:14

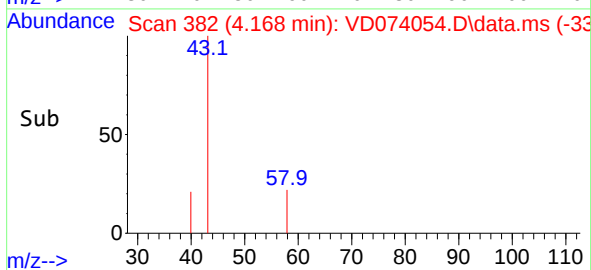
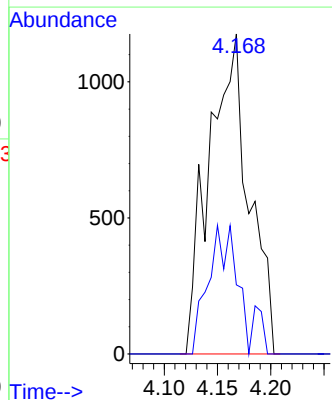
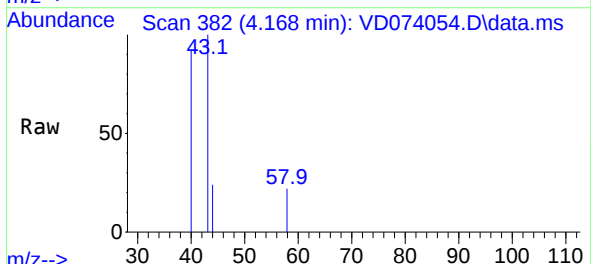
Instrument :
MSVOA_D
ClientSampleId :
SB01RE

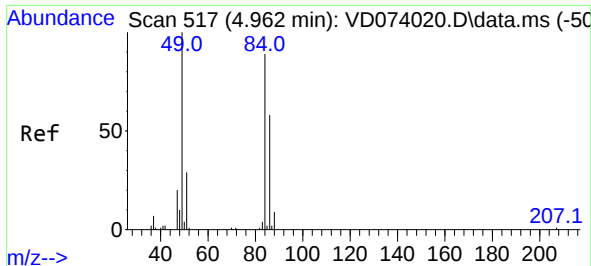
Tgt Ion: 94 Resp: 209
Ion Ratio Lower Upper
94 100
96 0.0 72.0 108.0#



#16
Acetone
Concen: 297.958 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD074054.D
Acq: 11 Aug 2022 21:14

Tgt Ion: 43 Resp: 3066
Ion Ratio Lower Upper
43 100
58 21.6 22.8 34.2#

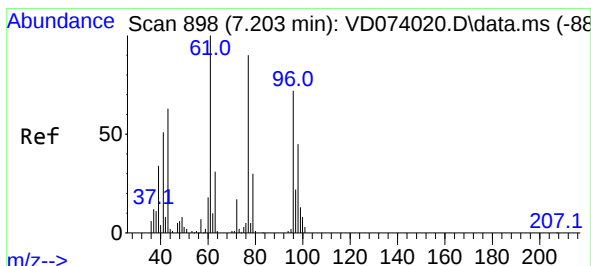
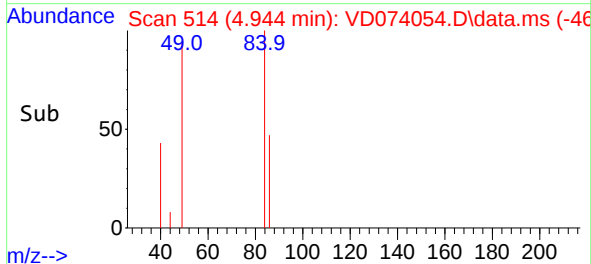
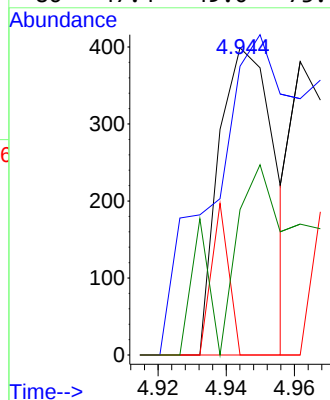
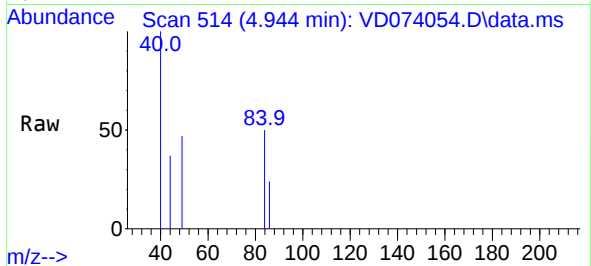




#20
Methylene Chloride
Concen: 3.851 ug/l
RT: 4.944 min Scan# 517
Delta R.T. -0.018 min
Lab File: VD074054.D
Acq: 11 Aug 2022 21:14

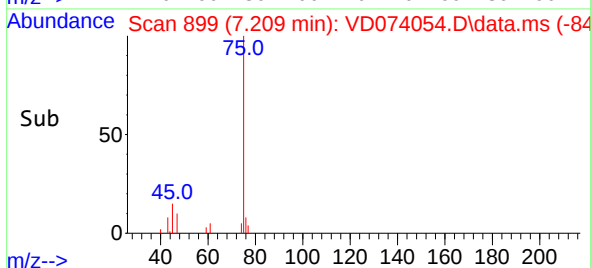
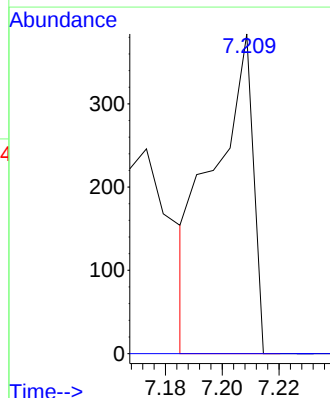
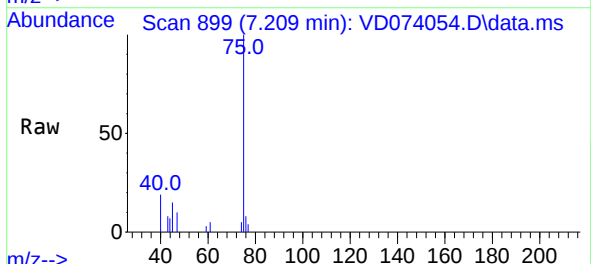
Instrument :
MSVOA_D
ClientSampleId :
SB01RE

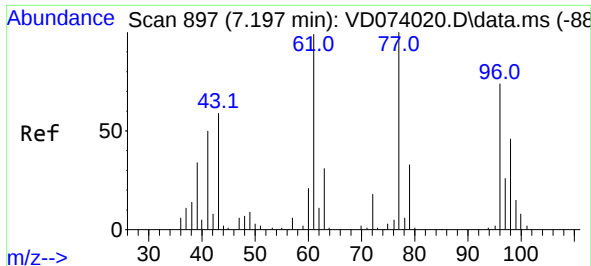
Tgt Ion:	84	Resp:	453
Ion	Ratio	Lower	Upper
84	100		
49	49.4	85.8	128.6#
51	0.0	28.0	42.0#
86	47.4	49.0	73.4#



#25
2-Butanone
Concen: 23.366 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD074054.D
Acq: 11 Aug 2022 21:14

Tgt Ion:	43	Resp:	376
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.0	34.6#

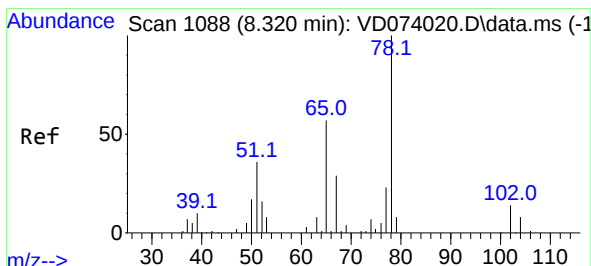
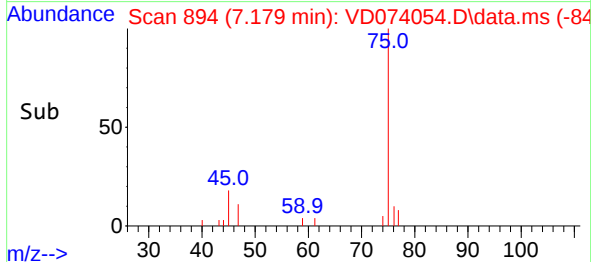
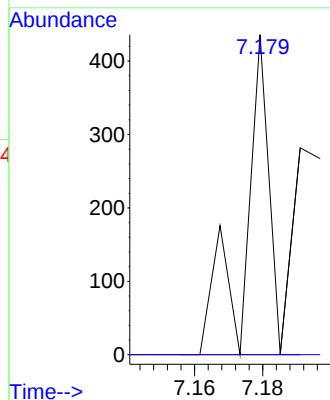
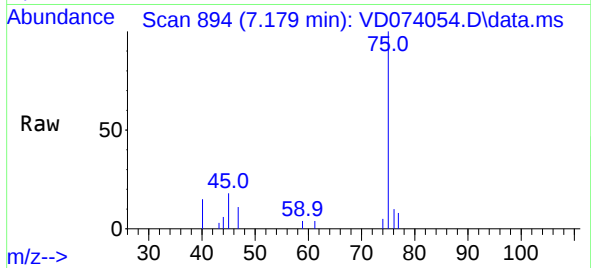




#26
2,2-Dichloropropane
Concen: 1.774 ug/l
RT: 7.179 min Scan# 897
Delta R.T. -0.018 min
Lab File: VD074054.D
Acq: 11 Aug 2022 21:14

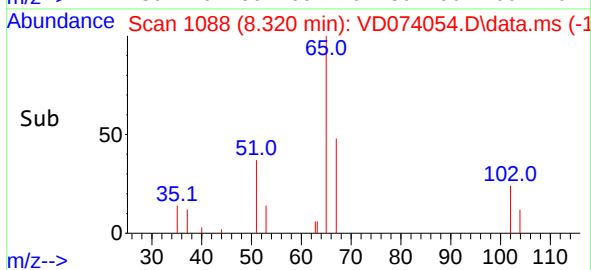
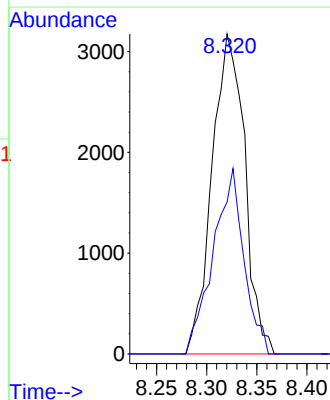
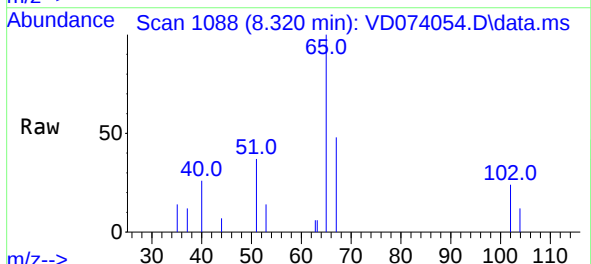
Instrument :
MSVOA_D
ClientSampleId :
SB01RE

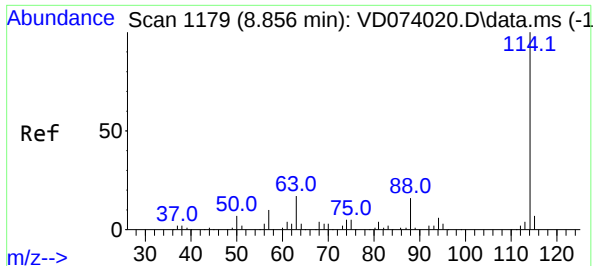
Tgt Ion: 77 Resp: 216
Ion Ratio Lower Upper
77 100
97 0.0 11.2 33.5#



#33
1,2-Dichloroethane-d4
Concen: 157.751 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074054.D
Acq: 11 Aug 2022 21:14

Tgt Ion: 65 Resp: 7192
Ion Ratio Lower Upper
65 100
67 54.4 0.0 113.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.856 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD074054.D

Acq: 11 Aug 2022 21:14

Instrument :

MSVOA_D

ClientSampleId :

SB01RE

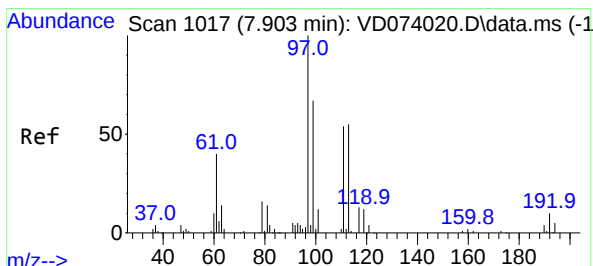
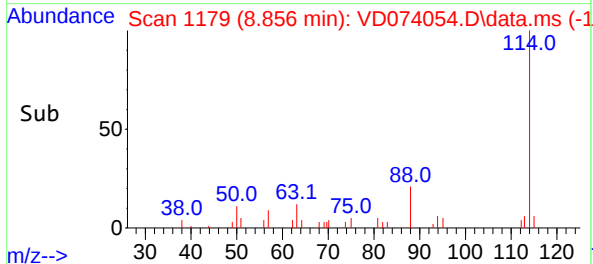
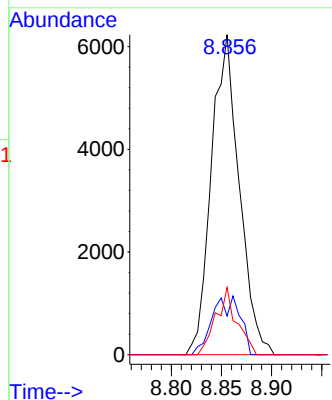
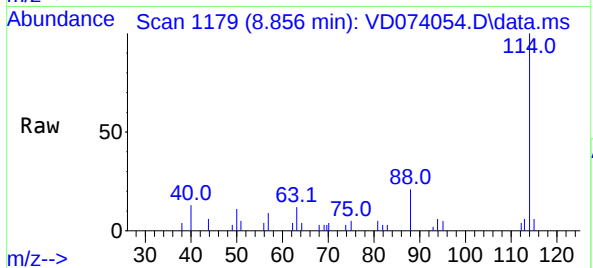
Tgt Ion:114 Resp: 12062

Ion Ratio Lower Upper

114 100

63 12.1 0.0 41.0

88 21.0 0.0 31.6



#35

Dibromofluoromethane

Concen: 74.394 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD074054.D

Acq: 11 Aug 2022 21:14

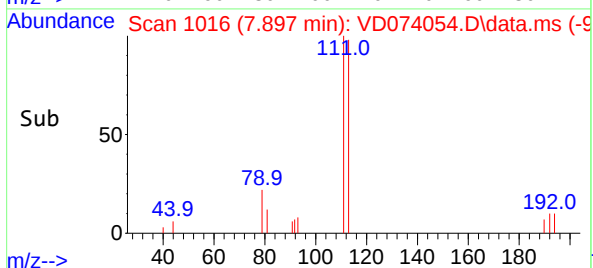
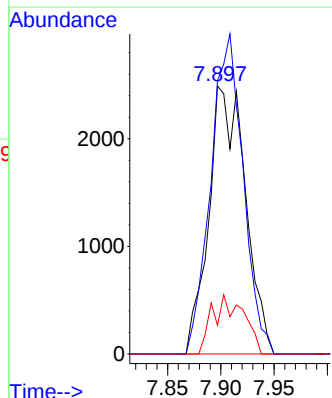
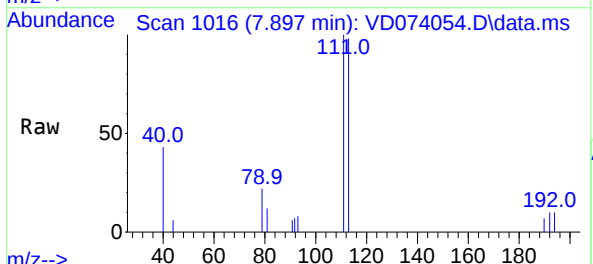
Tgt Ion:113 Resp: 5960

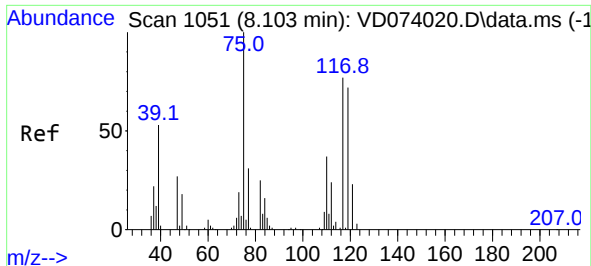
Ion Ratio Lower Upper

113 100

111 105.5 80.0 120.0

192 18.8 14.2 21.4

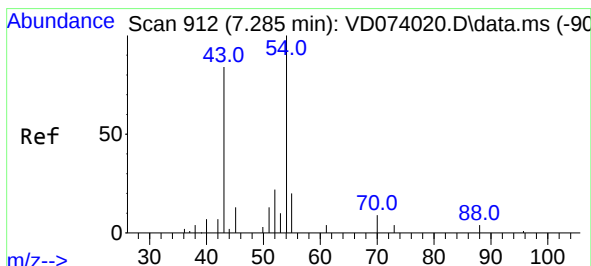
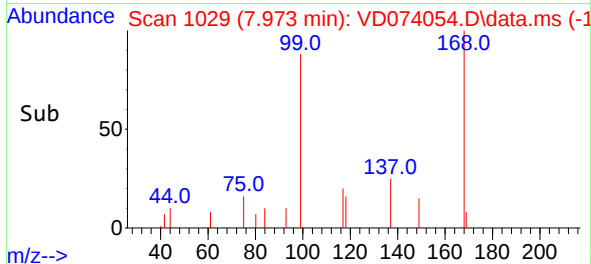
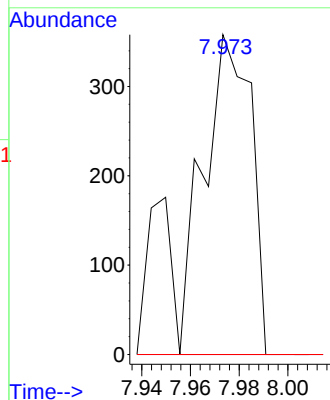
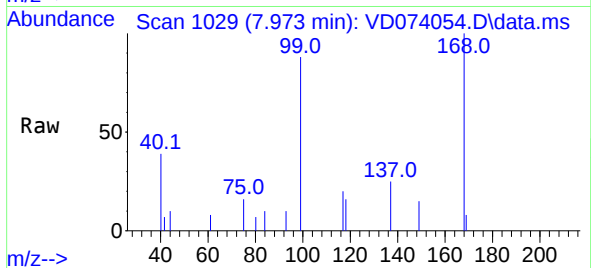




#36
1,1-Dichloropropene
Concen: 3.995 ug/l
RT: 7.973 min Scan# 1051
Delta R.T. -0.130 min
Lab File: VD074054.D
Acq: 11 Aug 2022 21:14

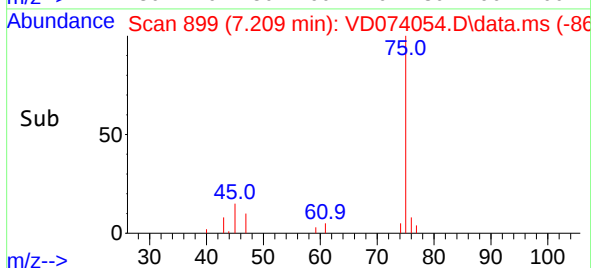
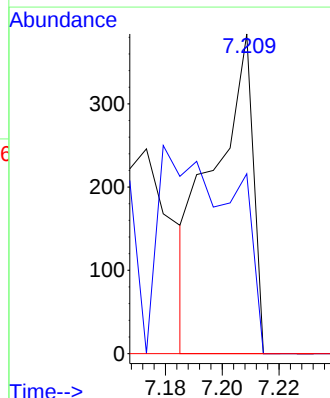
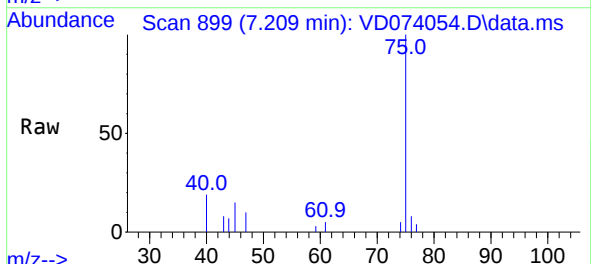
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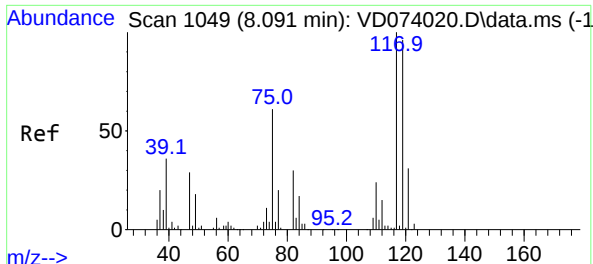
Tgt Ion: 75 Resp: 487
Ion Ratio Lower Upper
75 100
110 0.0 18.4 55.4#
77 0.0 24.6 36.8#



#37
Ethyl Acetate
Concen: 8.666 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.076 min
Lab File: VD074054.D
Acq: 11 Aug 2022 21:14

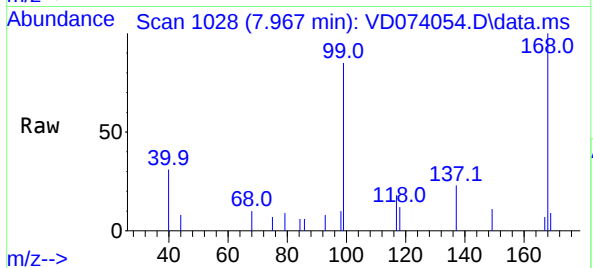
Tgt Ion: 43 Resp: 376
Ion Ratio Lower Upper
43 100
61 0.0 11.0 16.6#
70 0.0 10.2 15.2#



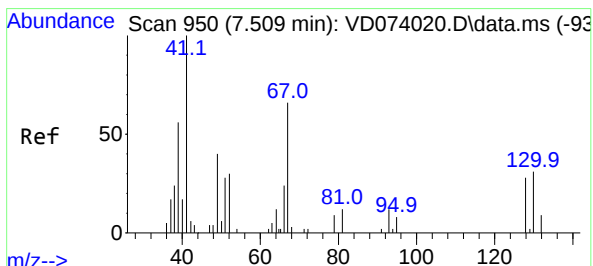
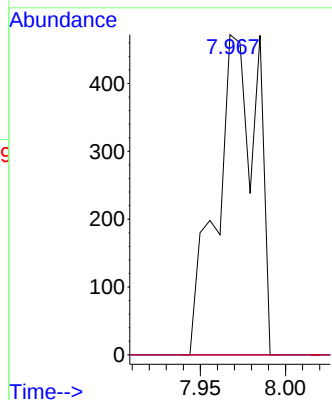
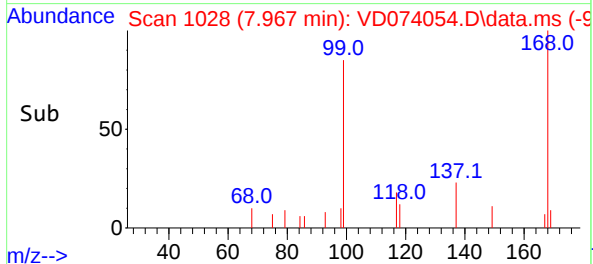


#38
Carbon Tetrachloride
Concen: 5.639 ug/l
RT: 7.967 min Scan# 1028
Delta R.T. -0.124 min
Lab File: VD074054.D
Acq: 11 Aug 2022 21:14

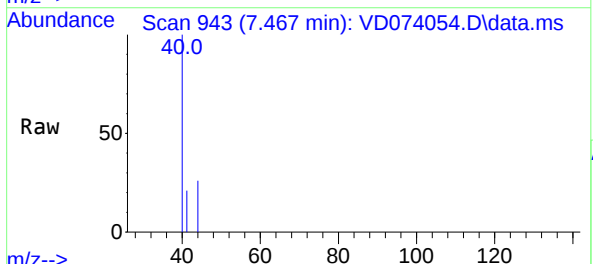
Instrument :
MSVOA_D
ClientSampleId :
SB01RE



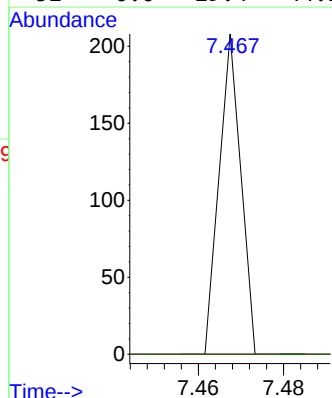
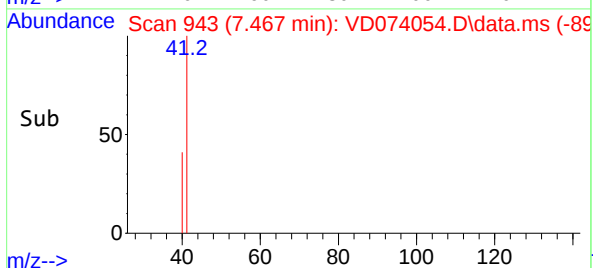
Tgt Ion:117 Resp: 775
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.2#
121 0.0 25.2 37.8#

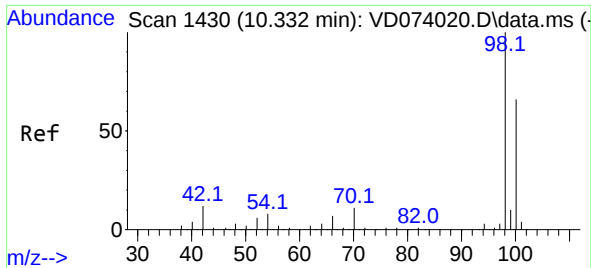


#41
Methacrylonitrile
Concen: 3.079 ug/l
RT: 7.467 min Scan# 943
Delta R.T. -0.042 min
Lab File: VD074054.D
Acq: 11 Aug 2022 21:14



Tgt Ion: 41 Resp: 73
Ion Ratio Lower Upper
41 100
39 0.0 48.2 72.4#
67 0.0 66.3 99.5#
52 0.0 29.4 44.2#

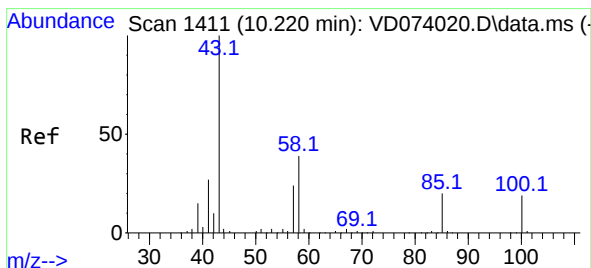
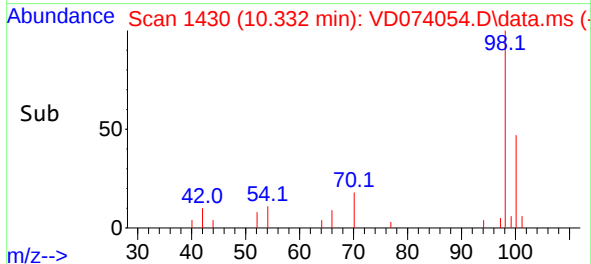
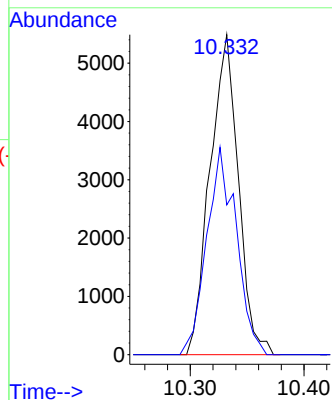
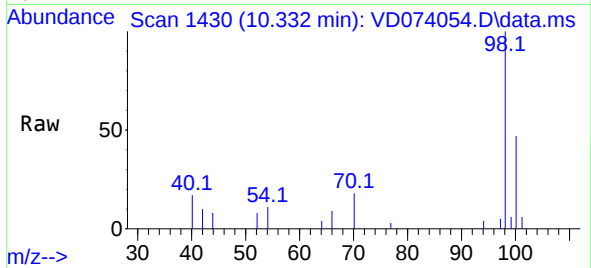




#50
Toluene-d8
Concen: 44.925 ug/l
RT: 10.332 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD074054.D
Acq: 11 Aug 2022 21:14

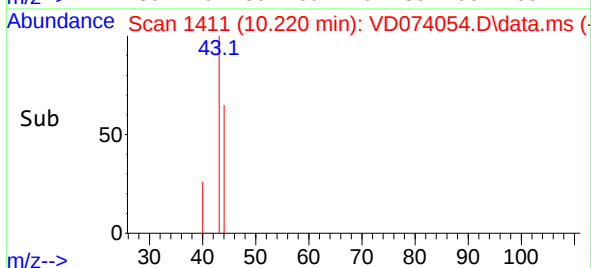
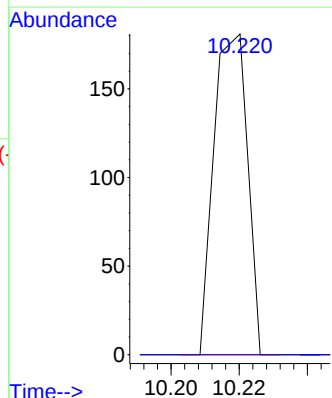
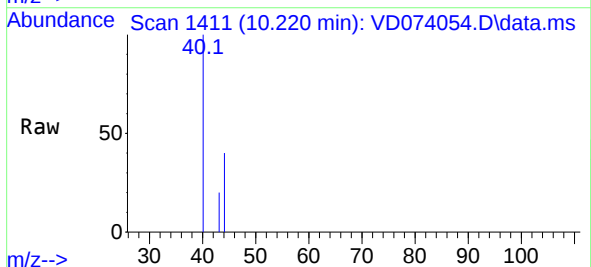
Instrument :
MSVOA_D
ClientSampleId :
SB01RE

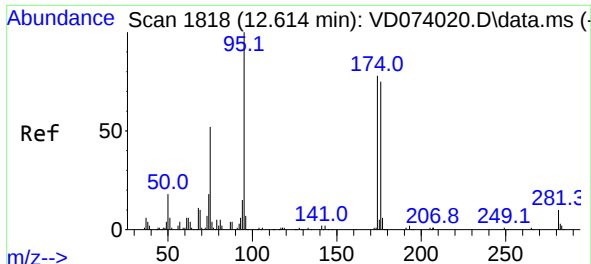
Tgt Ion: 98 Resp: 9536
Ion Ratio Lower Upper
98 100
100 67.4 51.3 76.9



#51
4-Methyl-2-Pentanone
Concen: 2.913 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD074054.D
Acq: 11 Aug 2022 21:14

Tgt Ion: 43 Resp: 124
Ion Ratio Lower Upper
43 100
58 0.0 31.7 47.5#

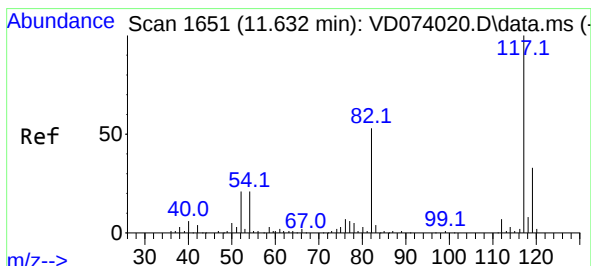
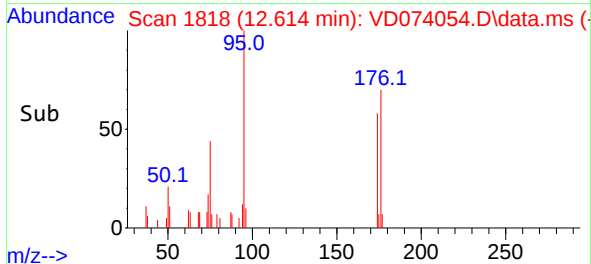
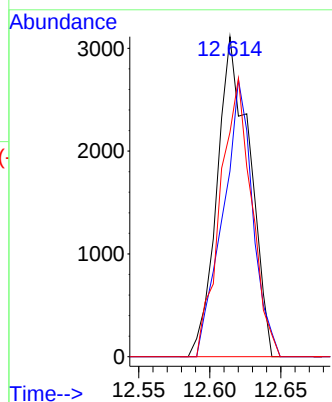
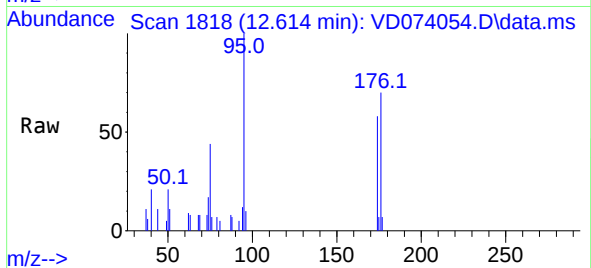




#62
4-Bromofluorobenzene
Concen: 50.467 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VD074054.D
Acq: 11 Aug 2022 21:14

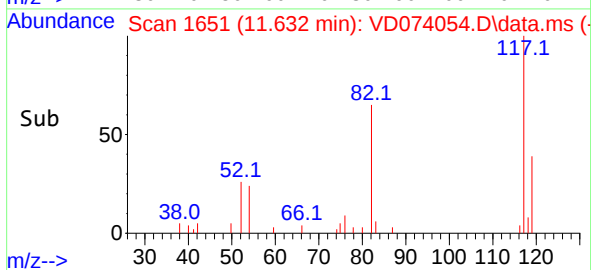
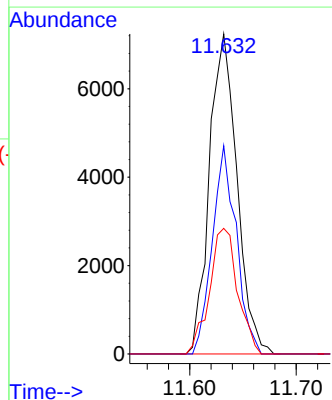
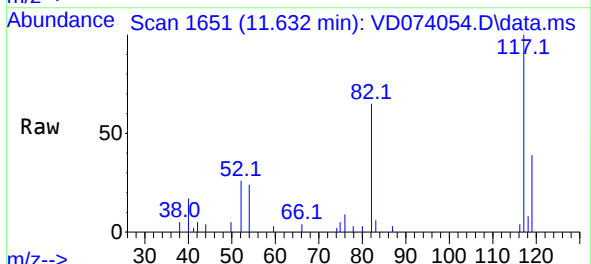
Instrument :
MSVOA_D
ClientSampleId :
SB01RE

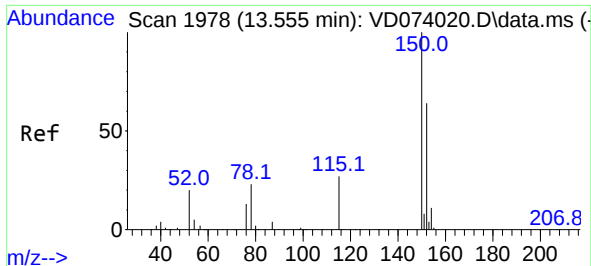
Tgt Ion:	95	Resp:	4972
Ion	Ratio	Lower	Upper
95	100		
174	79.0	0.0	162.6
176	83.6	0.0	160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074054.D
Acq: 11 Aug 2022 21:14

Tgt Ion:	117	Resp:	13040
Ion	Ratio	Lower	Upper
117	100		
82	65.0	42.7	64.1#
119	39.2	25.8	38.8#

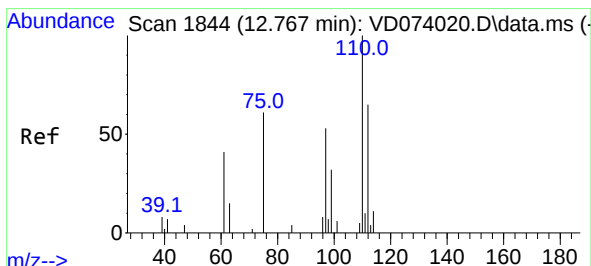
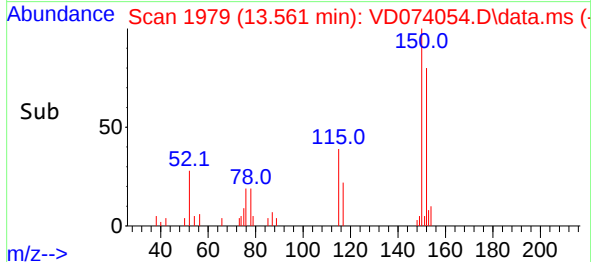
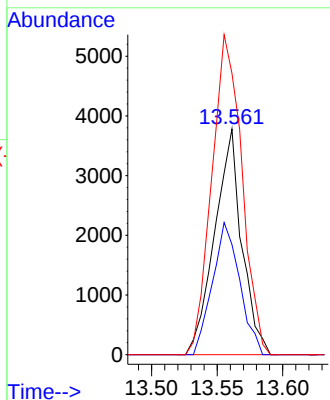
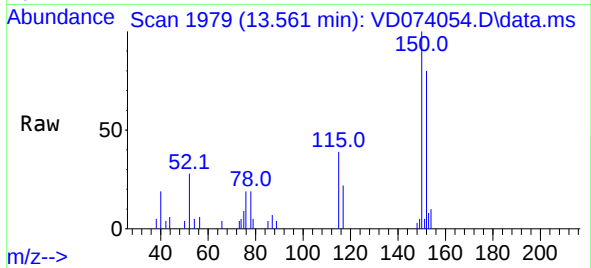




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074054.D
Acq: 11 Aug 2022 21:14

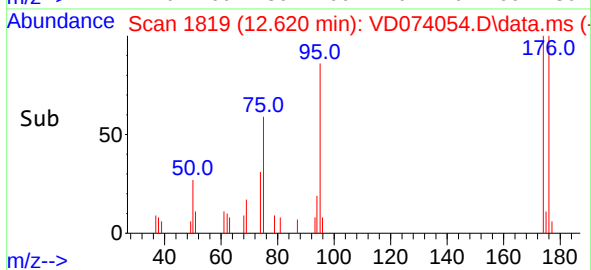
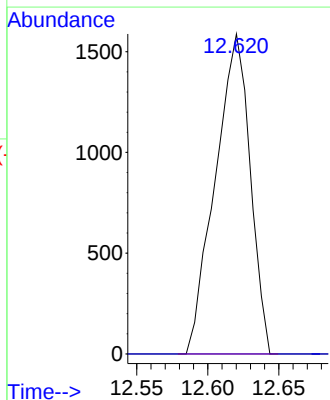
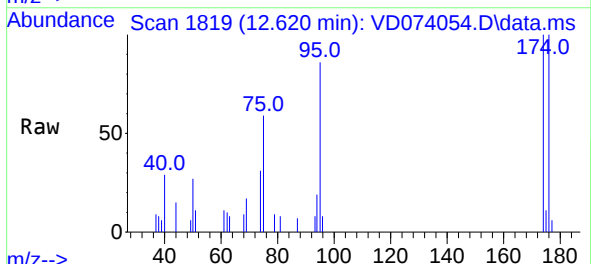
Instrument :
MSVOA_D
ClientSampleId :
SB01RE

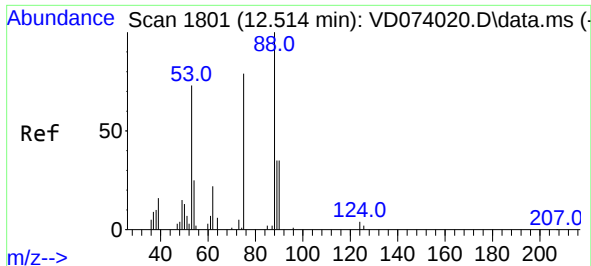
Tgt Ion:152 Resp: 5461
Ion Ratio Lower Upper
152 100
115 58.6 29.9 89.8
150 156.5 0.0 342.8



#76
1,2,3-Trichloropropane
Concen: 54.292 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074054.D
Acq: 11 Aug 2022 21:14

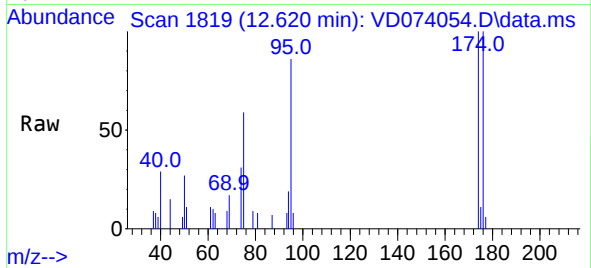
Tgt Ion: 75 Resp: 2707
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 144.905 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD074054.D
Acq: 11 Aug 2022 21:14

Instrument :
MSVOA_D
ClientSampleId :
SB01RE



Tgt Ion: 75 Resp: 2707
Ion Ratio Lower Upper
75 100
53 0.0 71.3 106.9#
89 0.0 38.3 57.5#

