

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081022\
 Data File : VD074023.D
 Acq On : 10 Aug 2022 13:33
 Operator : VA/SY
 Sample : VIBLK
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Aug 10 15:22:41 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)

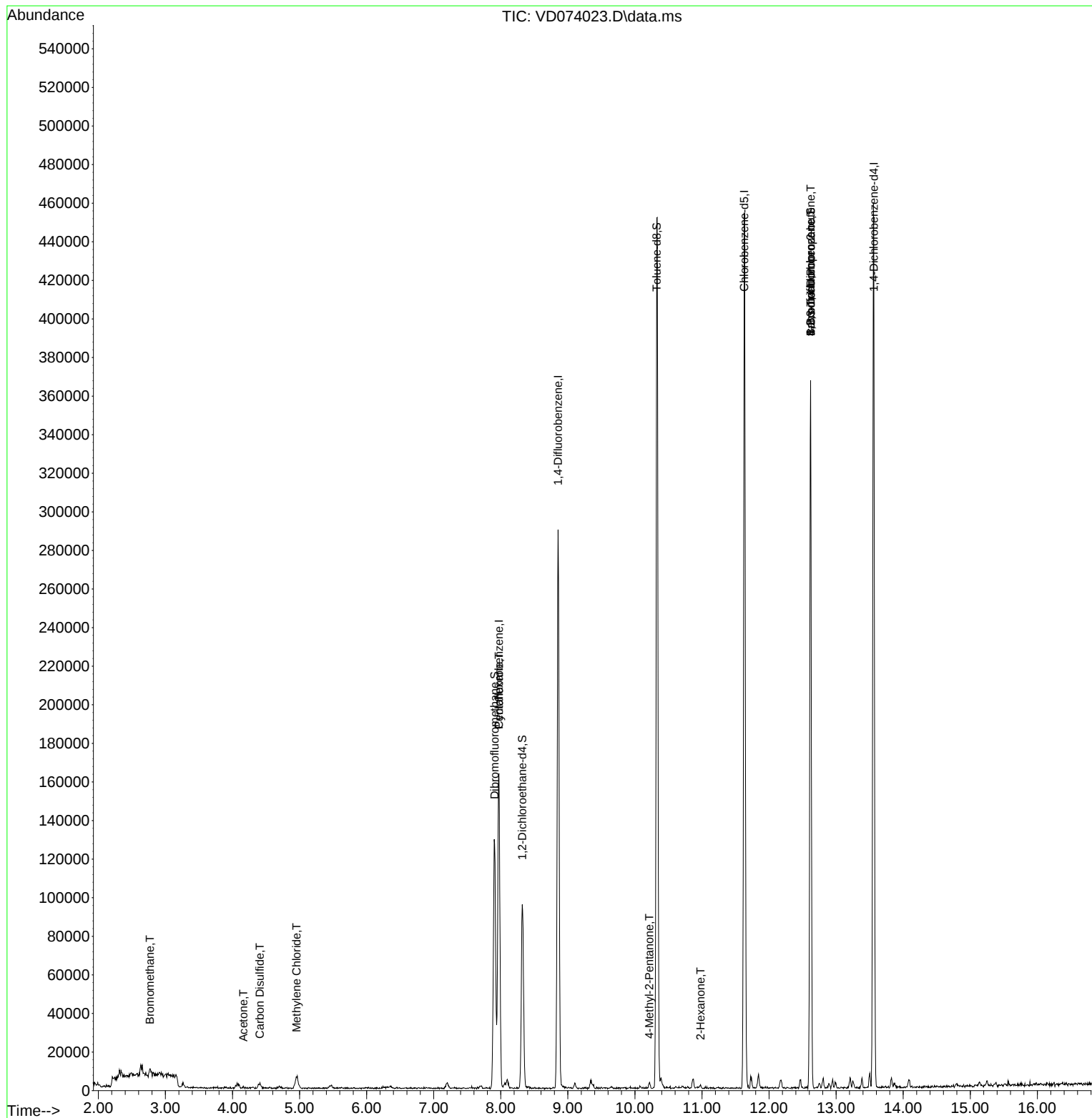
Internal Standards						
1) Pentafluorobenzene	7.973	168	118178	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	245017	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	255059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	119181	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	76858	88.106	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 176.220%#	
35) Dibromofluoromethane	7.908	113	89322	54.887	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.780%	
50) Toluene-d8	10.326	98	308853	75.429	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 150.860%#	
62) 4-Bromofluorobenzene	12.620	95	109689	54.810	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 109.620%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	952	Below Cal		98
3) Chloromethane	2.209	50	2284	Below Cal	#	77
5) Bromomethane	2.767	94	2719	1.569	ug/l #	72
16) Acetone	4.161	43	503	2.660	ug/l #	46
17) Carbon Disulfide	4.409	76	5536	1.445	ug/l #	73
18) Methyl Acetate	4.808	43	59	Below Cal	#	49
20) Methylene Chloride	4.956	84	5325	1.318	ug/l	92
31) Cyclohexane	7.973	56	4356	2.100	ug/l #	45
51) 4-Methyl-2-Pentanone	10.214	43	1871	2.163	ug/l #	87
59) 2-Hexanone	10.979	43	1130	1.949	ug/l	95
71) Bromoform	12.620	173	1404	1.233	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	60310	55.425	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	60310	147.928	ug/l #	13

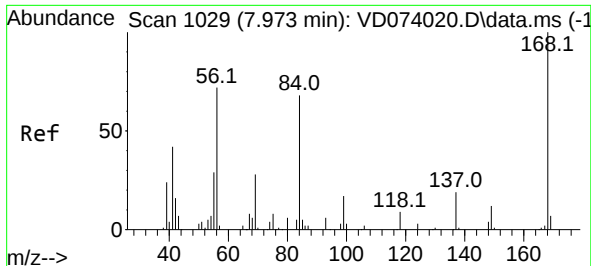
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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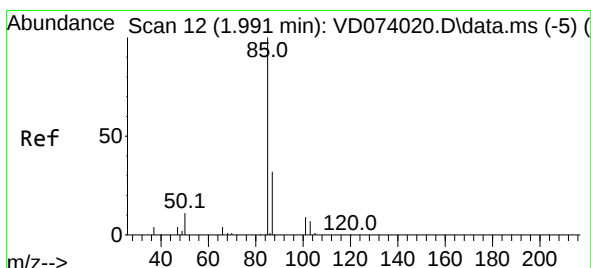
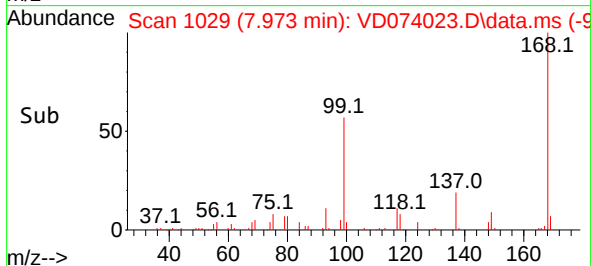
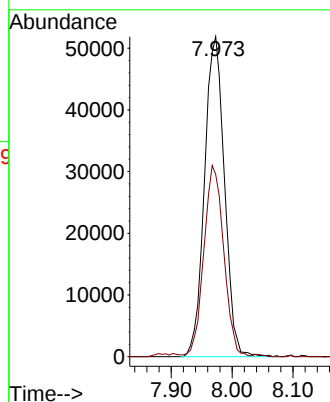
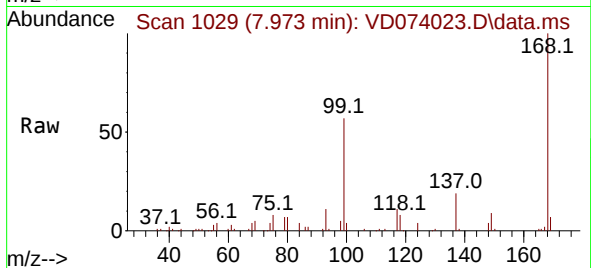




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD074023.D
Acq: 10 Aug 2022 13:33

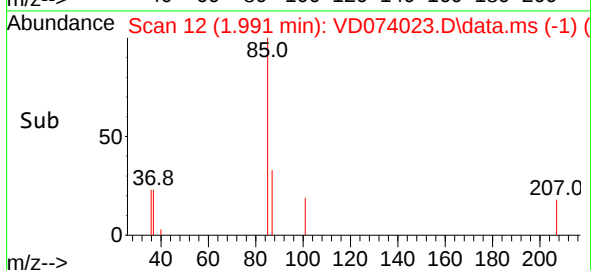
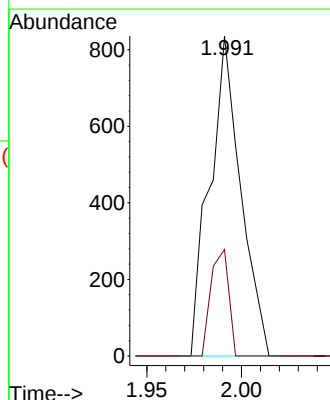
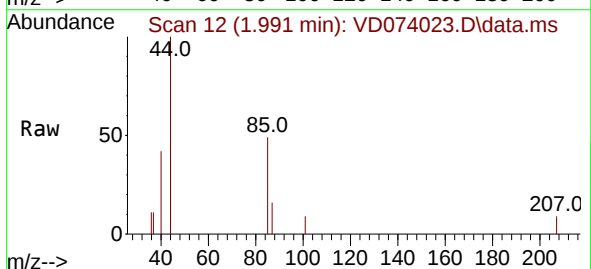
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

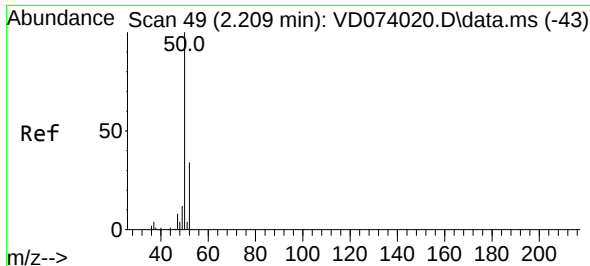
Tgt Ion:168 Resp: 118178
Ion Ratio Lower Upper
168 100
99 56.9 48.3 72.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD074023.D
Acq: 10 Aug 2022 13:33

Tgt Ion: 85 Resp: 952
Ion Ratio Lower Upper
85 100
87 33.3 16.0 47.9

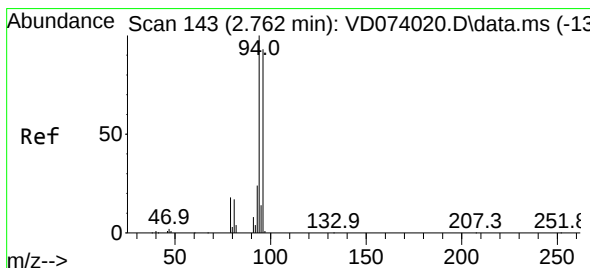
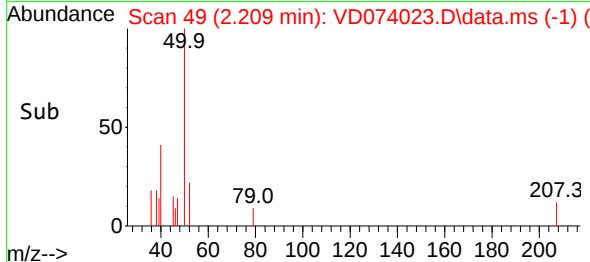
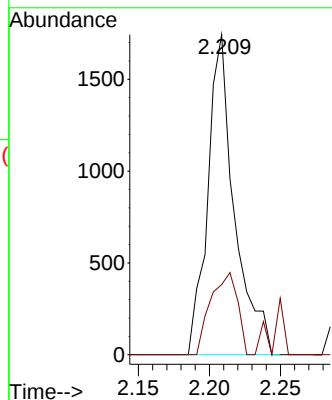
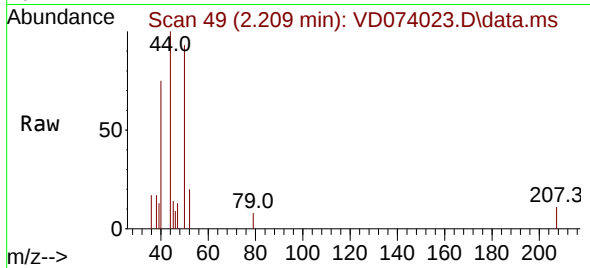




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD074023.D
Acq: 10 Aug 2022 13:33

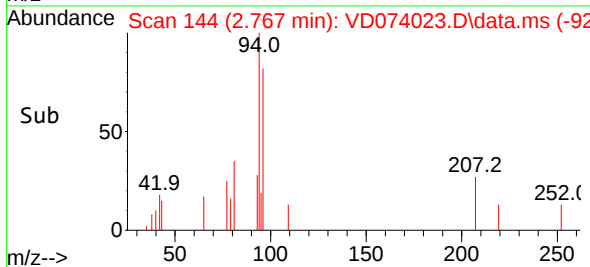
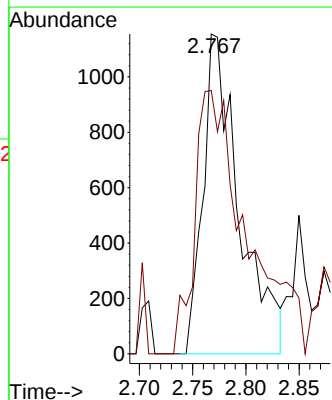
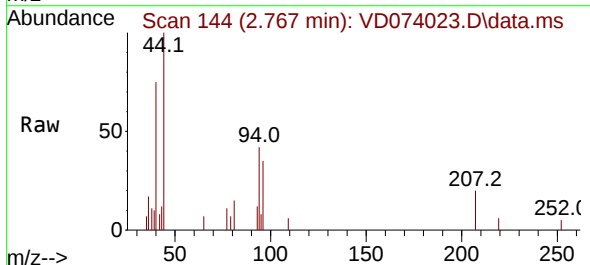
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

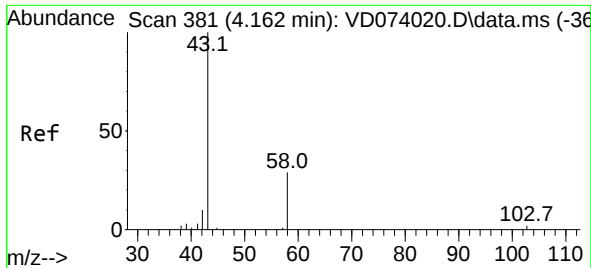
Tgt Ion: 50 Resp: 2284
Ion Ratio Lower Upper
50 100
52 21.9 28.1 42.1#



#5
Bromomethane
Concen: 1.569 ug/l
RT: 2.767 min Scan# 144
Delta R.T. 0.005 min
Lab File: VD074023.D
Acq: 10 Aug 2022 13:33

Tgt Ion: 94 Resp: 2719
Ion Ratio Lower Upper
94 100
96 64.1 72.0 108.0#





#16

Acetone

Concen: 2.660 ug/l

RT: 4.161 min Scan# 381

Delta R.T. -0.001 min

Lab File: VD074023.D

Acq: 10 Aug 2022 13:33

Instrument :

MSVOA_D

ClientSampleId :

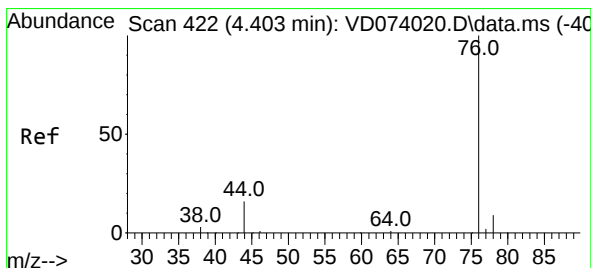
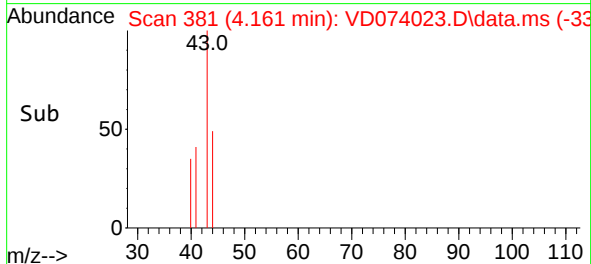
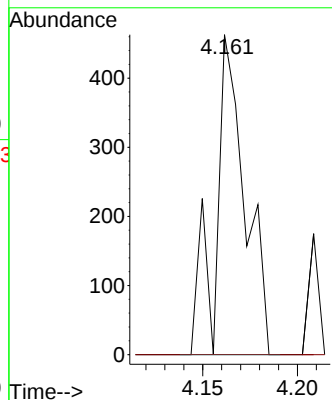
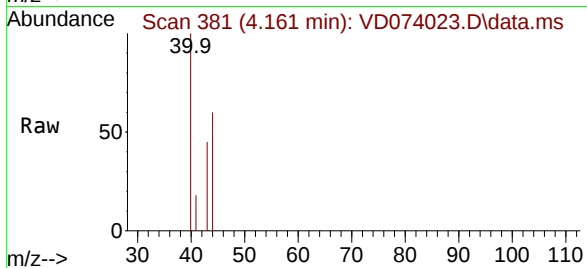
VIBLK

Tgt Ion: 43 Resp: 503

Ion Ratio Lower Upper

43 100

58 0.0 22.8 34.2#



#17

Carbon Disulfide

Concen: 1.445 ug/l

RT: 4.409 min Scan# 423

Delta R.T. 0.006 min

Lab File: VD074023.D

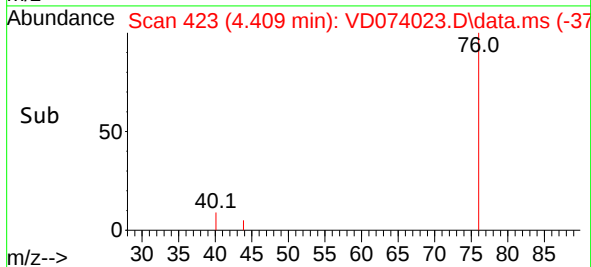
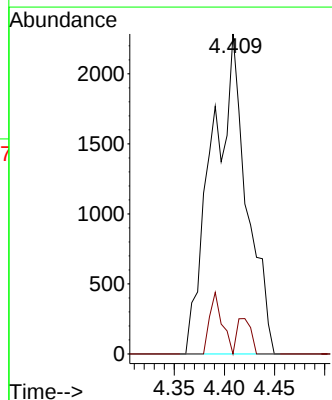
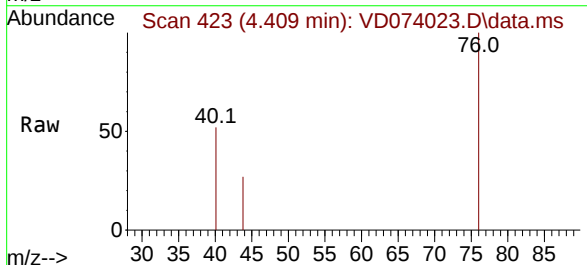
Acq: 10 Aug 2022 13:33

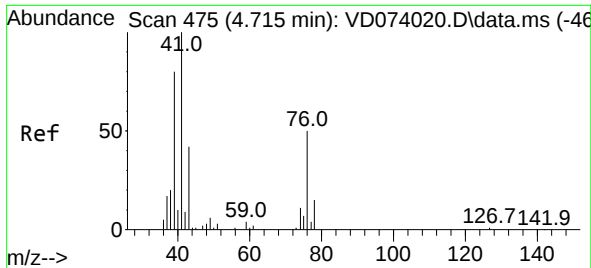
Tgt Ion: 76 Resp: 5536

Ion Ratio Lower Upper

76 100

78 0.0 7.9 11.9#

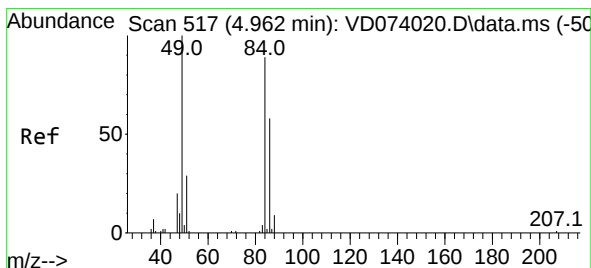
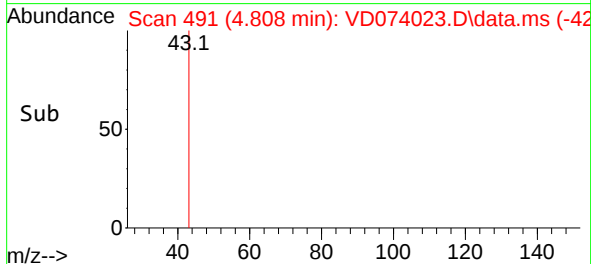
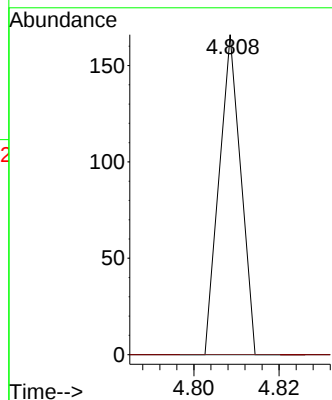
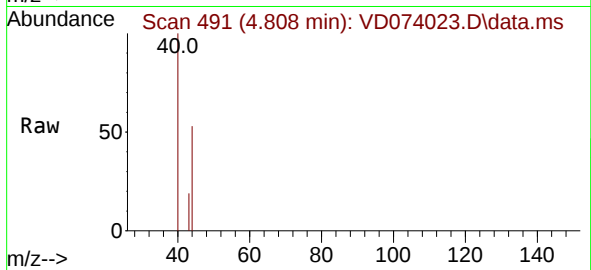




#18
Methyl Acetate
Concen: Below Cal
RT: 4.808 min Scan# 491
Delta R.T. 0.093 min
Lab File: VD074023.D
Acq: 10 Aug 2022 13:33

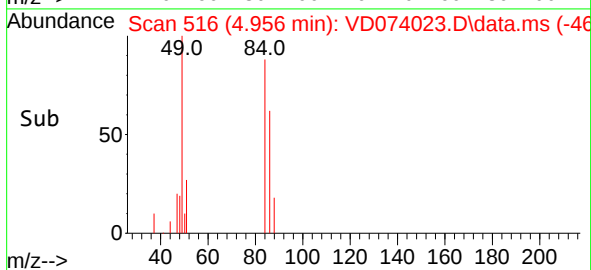
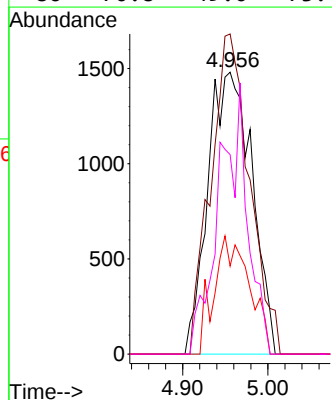
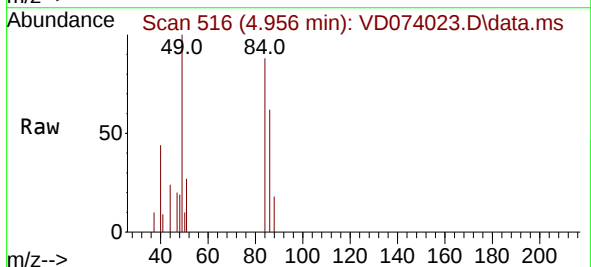
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

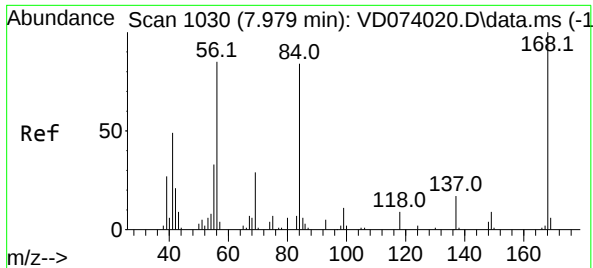
Tgt Ion: 43 Resp: 59
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.4#



#20
Methylene Chloride
Concen: 1.318 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD074023.D
Acq: 10 Aug 2022 13:33

Tgt Ion: 84 Resp: 5325
Ion Ratio Lower Upper
84 100
49 113.6 85.8 128.6
51 31.2 28.0 42.0
86 70.8 49.0 73.4

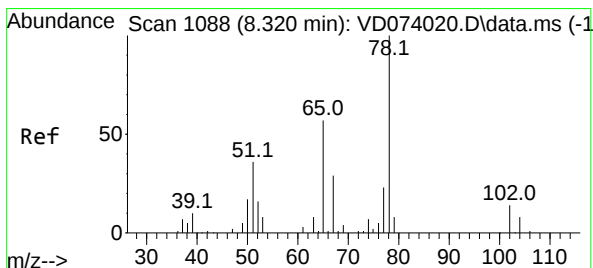
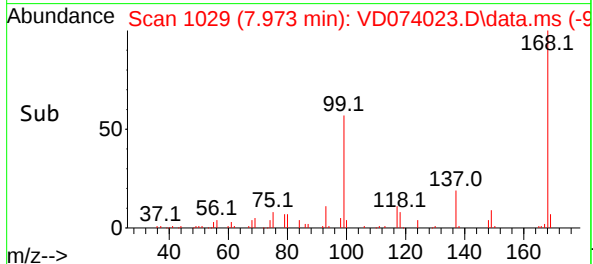
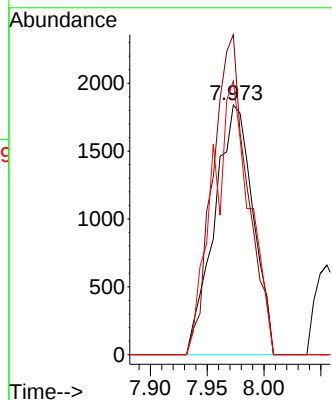
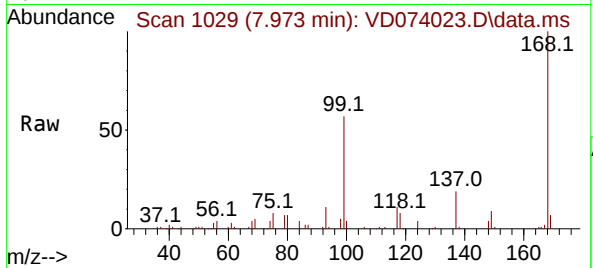




#31
Cyclohexane
Concen: 2.100 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD074023.D
Acq: 10 Aug 2022 13:33

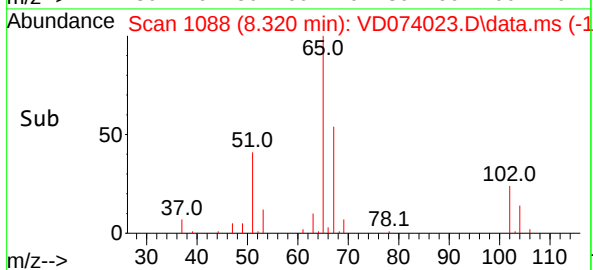
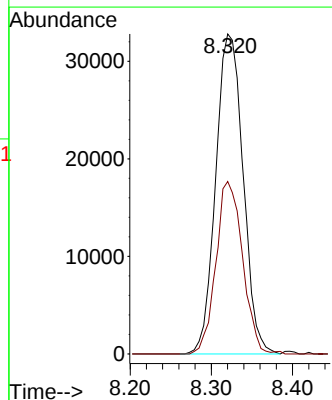
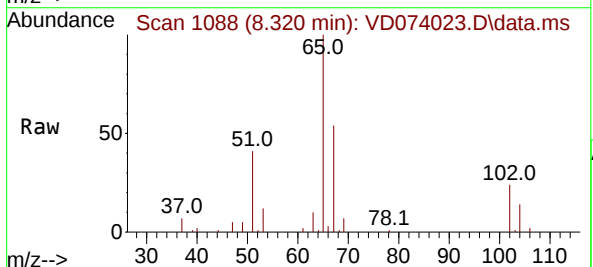
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

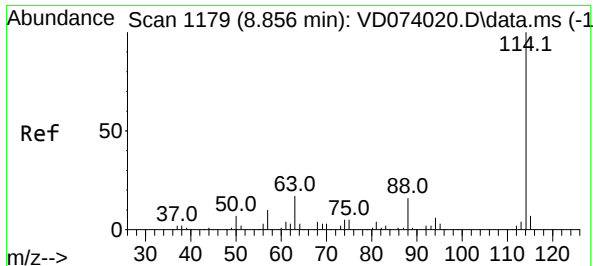
Tgt Ion: 56 Resp: 4356
Ion Ratio Lower Upper
56 100
69 128.2 27.9 41.9#
84 109.6 75.8 113.6



#33
1,2-Dichloroethane-d4
Concen: 88.106 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074023.D
Acq: 10 Aug 2022 13:33

Tgt Ion: 65 Resp: 76858
Ion Ratio Lower Upper
65 100
67 52.5 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: VD074023.D

Acq: 10 Aug 2022 13:33

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

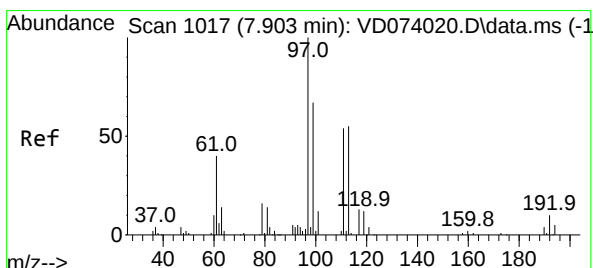
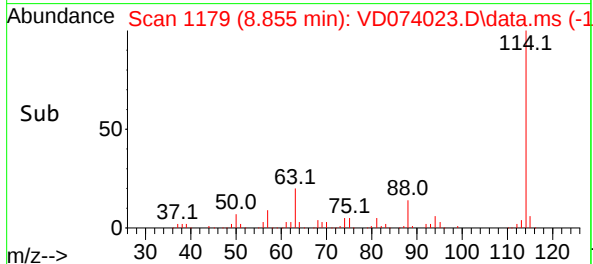
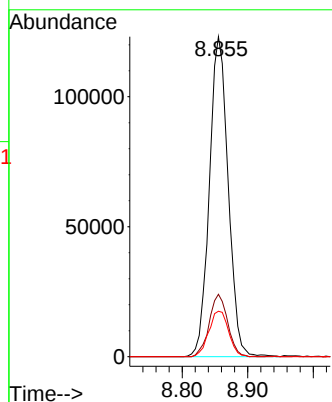
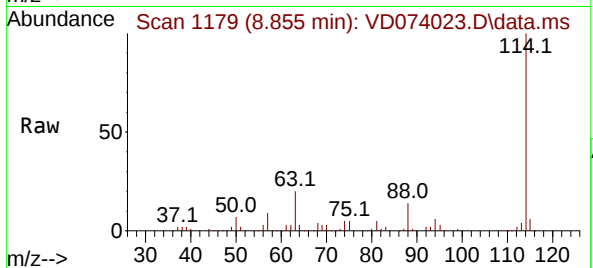
Tgt Ion:114 Resp: 245017

Ion Ratio Lower Upper

114 100

63 19.5 0.0 41.0

88 14.2 0.0 31.6



#35

Dibromofluoromethane

Concen: 54.887 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.005 min

Lab File: VD074023.D

Acq: 10 Aug 2022 13:33

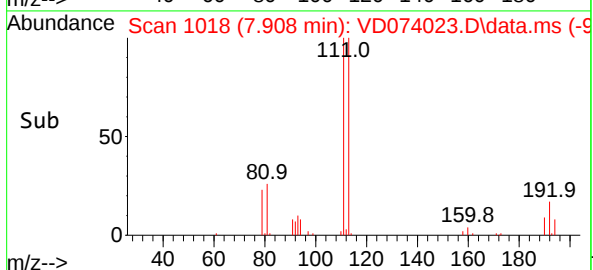
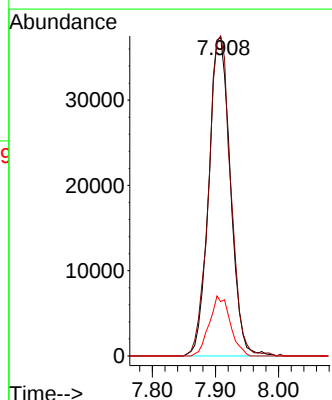
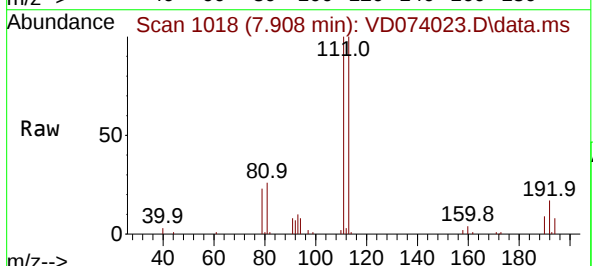
Tgt Ion:113 Resp: 89322

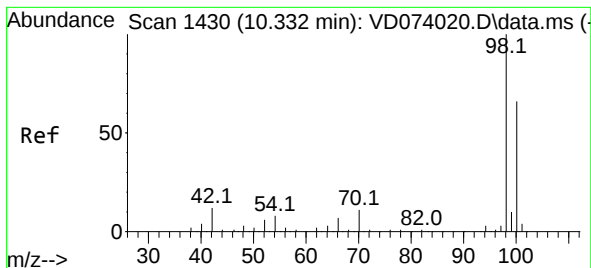
Ion Ratio Lower Upper

113 100

111 101.8 80.0 120.0

192 18.1 14.2 21.4





#50

Toluene-d8

Concen: 75.429 ug/l

RT: 10.326 min Scan# 14

Delta R.T. -0.006 min

Lab File: VD074023.D

Acq: 10 Aug 2022 13:33

Instrument :

MSVOA_D

ClientSampleId :

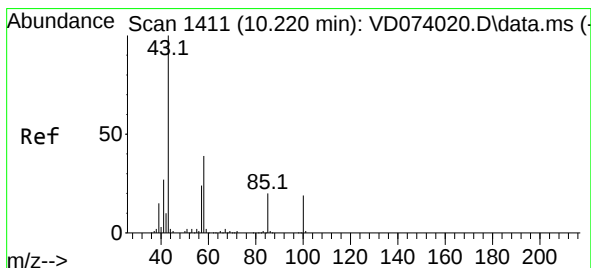
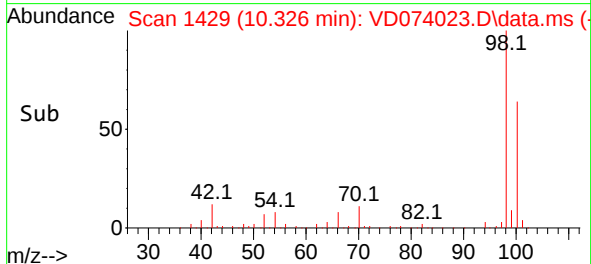
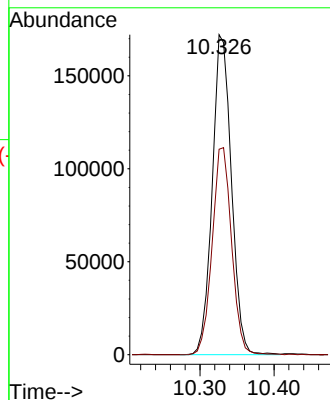
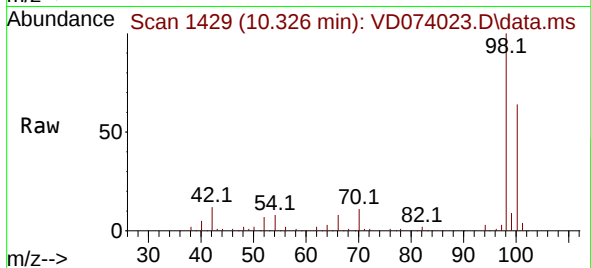
VIBLK

Tgt Ion: 98 Resp: 308853

Ion Ratio Lower Upper

98 100

100 65.7 51.3 76.9



#51

4-Methyl-2-Pentanone

Concen: 2.163 ug/l

RT: 10.214 min Scan# 1410

Delta R.T. -0.006 min

Lab File: VD074023.D

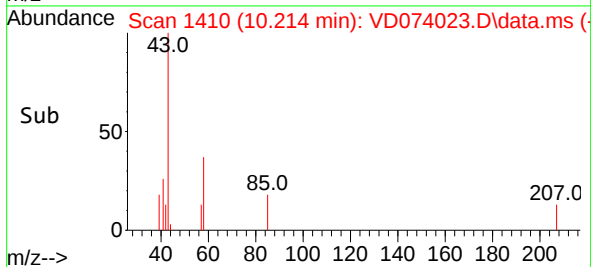
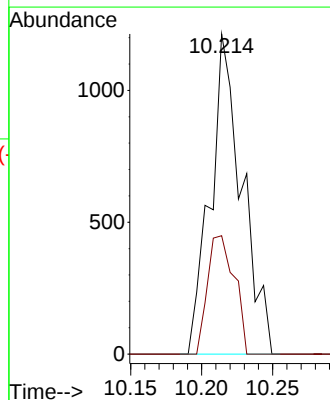
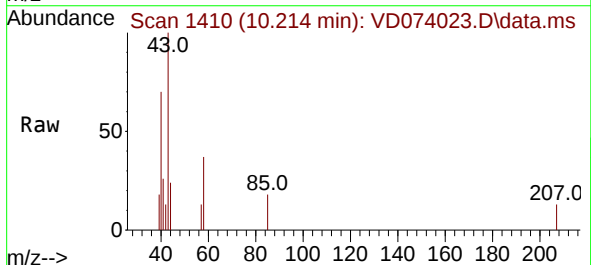
Acq: 10 Aug 2022 13:33

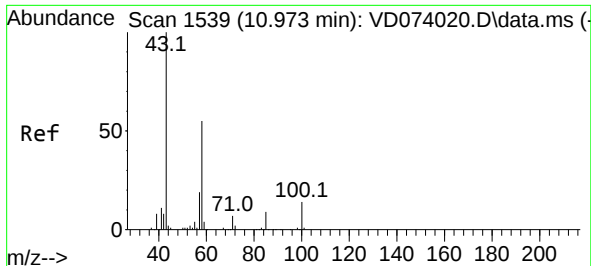
Tgt Ion: 43 Resp: 1871

Ion Ratio Lower Upper

43 100

58 31.5 31.7 47.5#

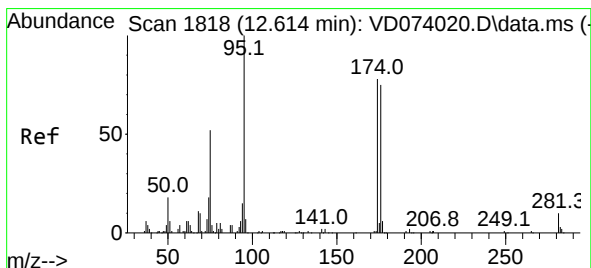
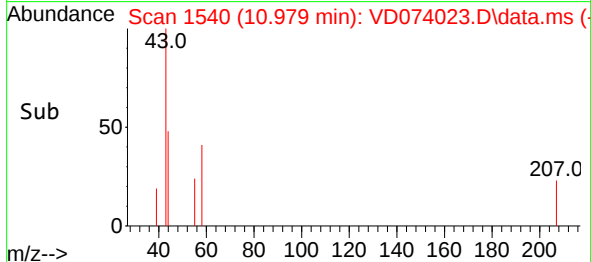
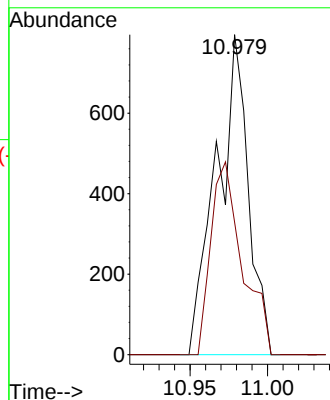
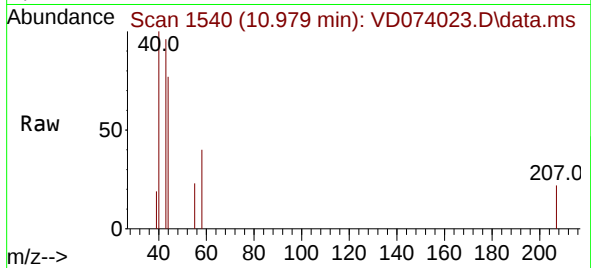




#59
2-Hexanone
Concen: 1.949 ug/l
RT: 10.979 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD074023.D
Acq: 10 Aug 2022 13:33

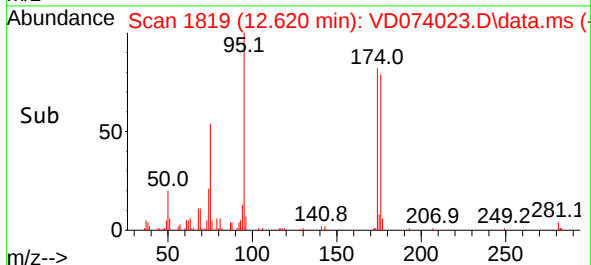
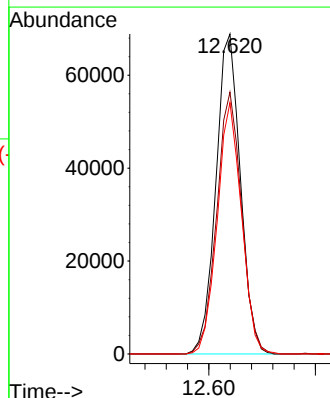
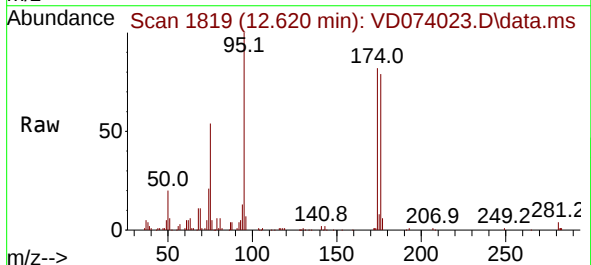
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

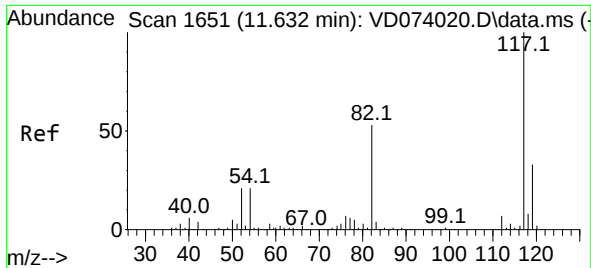
Tgt Ion: 43 Resp: 1130
Ion Ratio Lower Upper
43 100
58 59.9 28.2 84.6



#62
4-Bromofluorobenzene
Concen: 54.810 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD074023.D
Acq: 10 Aug 2022 13:33

Tgt Ion: 95 Resp: 109689
Ion Ratio Lower Upper
95 100
174 83.2 0.0 162.6
176 77.9 0.0 160.0

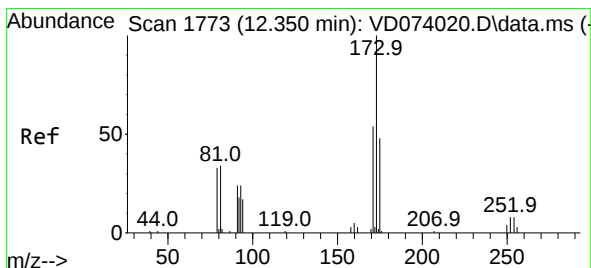
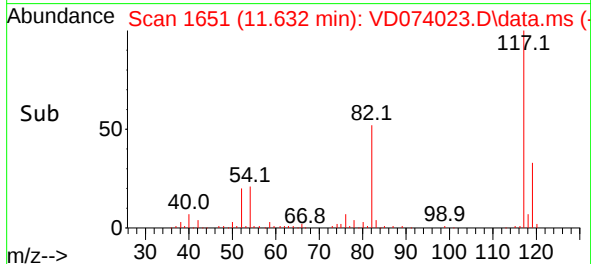
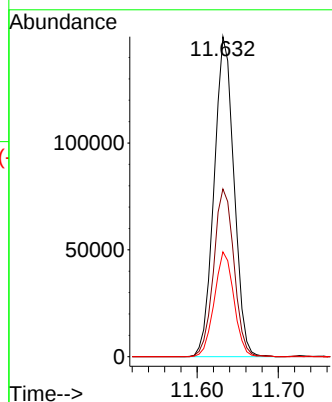
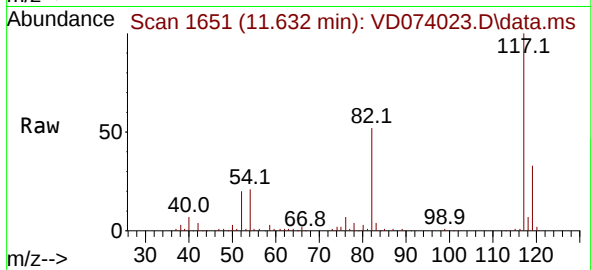




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1171
Delta R.T. -0.000 min
Lab File: VD074023.D
Acq: 10 Aug 2022 13:33

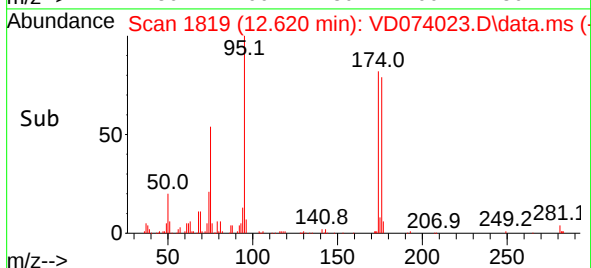
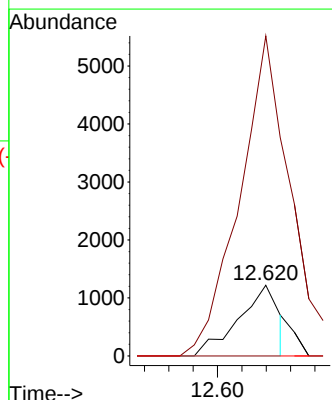
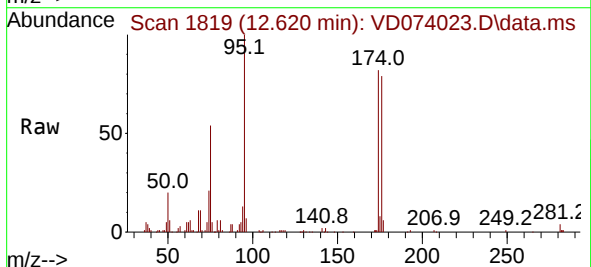
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

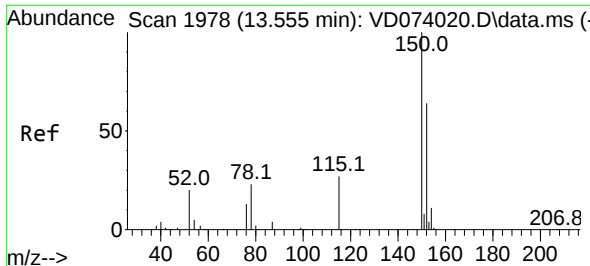
Tgt Ion:117 Resp: 255059
Ion Ratio Lower Upper
117 100
82 52.4 42.7 64.1
119 32.7 25.8 38.8



#71
Bromoform
Concen: 1.233 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.270 min
Lab File: VD074023.D
Acq: 10 Aug 2022 13:33

Tgt Ion:173 Resp: 1404
Ion Ratio Lower Upper
173 100
175 454.6 23.9 71.8#
254 0.0 0.0 0.0

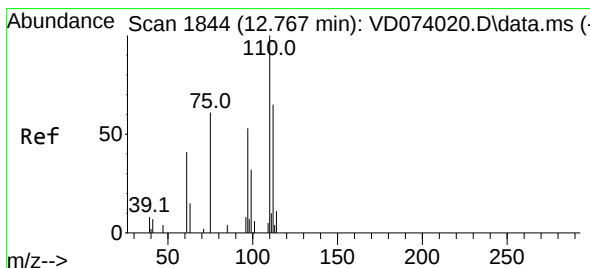
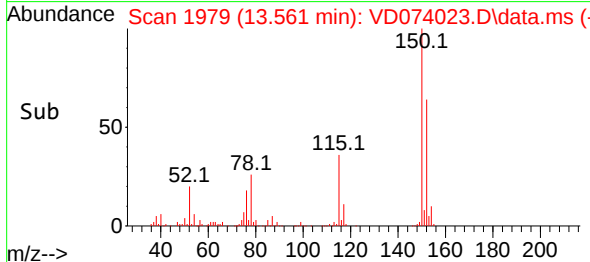
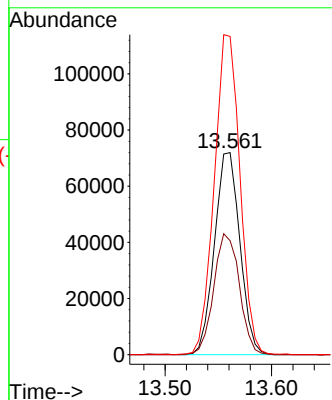
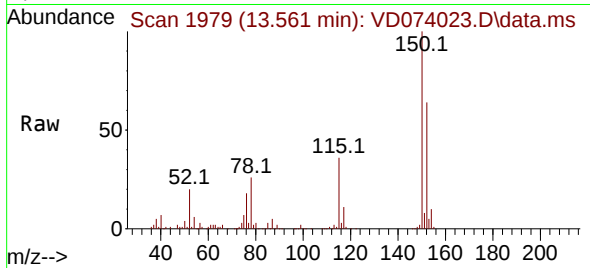




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1978
Delta R.T. 0.006 min
Lab File: VD074023.D
Acq: 10 Aug 2022 13:33

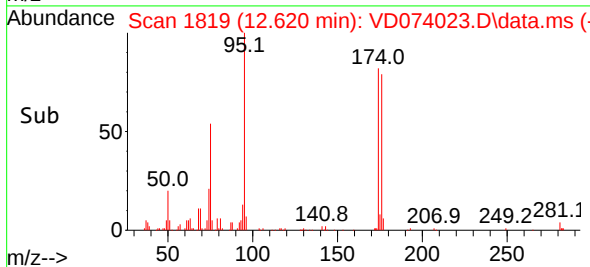
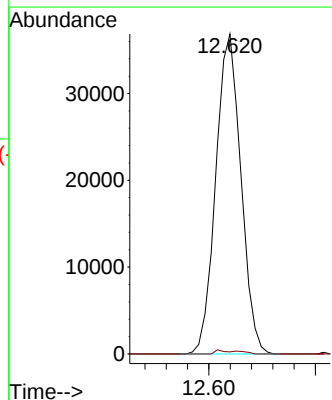
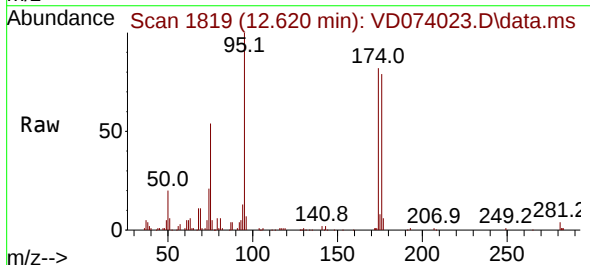
Instrument :
MSVOA_D
ClientSampleId :
VIBLK

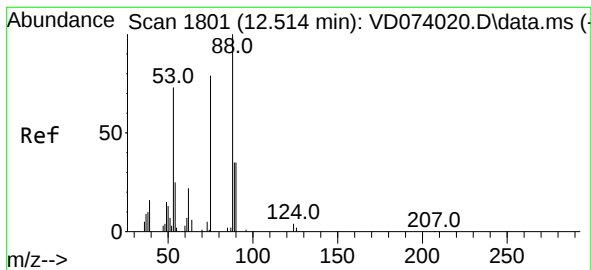
Tgt Ion:152 Resp: 119181
Ion Ratio Lower Upper
152 100
115 60.4 29.9 89.8
150 160.3 0.0 342.8



#76
1,2,3-Trichloropropane
Concen: 55.425 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074023.D
Acq: 10 Aug 2022 13:33

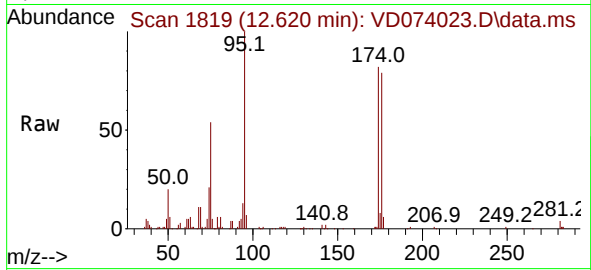
Tgt Ion: 75 Resp: 60310
Ion Ratio Lower Upper
75 100
77 0.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 147.928 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD074023.D
 Acq: 10 Aug 2022 13:33

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK



Tgt Ion: 75 Resp: 60310
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.3 106.9#
 89 0.0 38.3 57.5#

