

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081022\
 Data File : VD074025.D
 Acq On : 10 Aug 2022 15:07
 Operator : VA/SY
 Sample : VY0810SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0810SBL01

Quant Time: Aug 10 17:40:45 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)

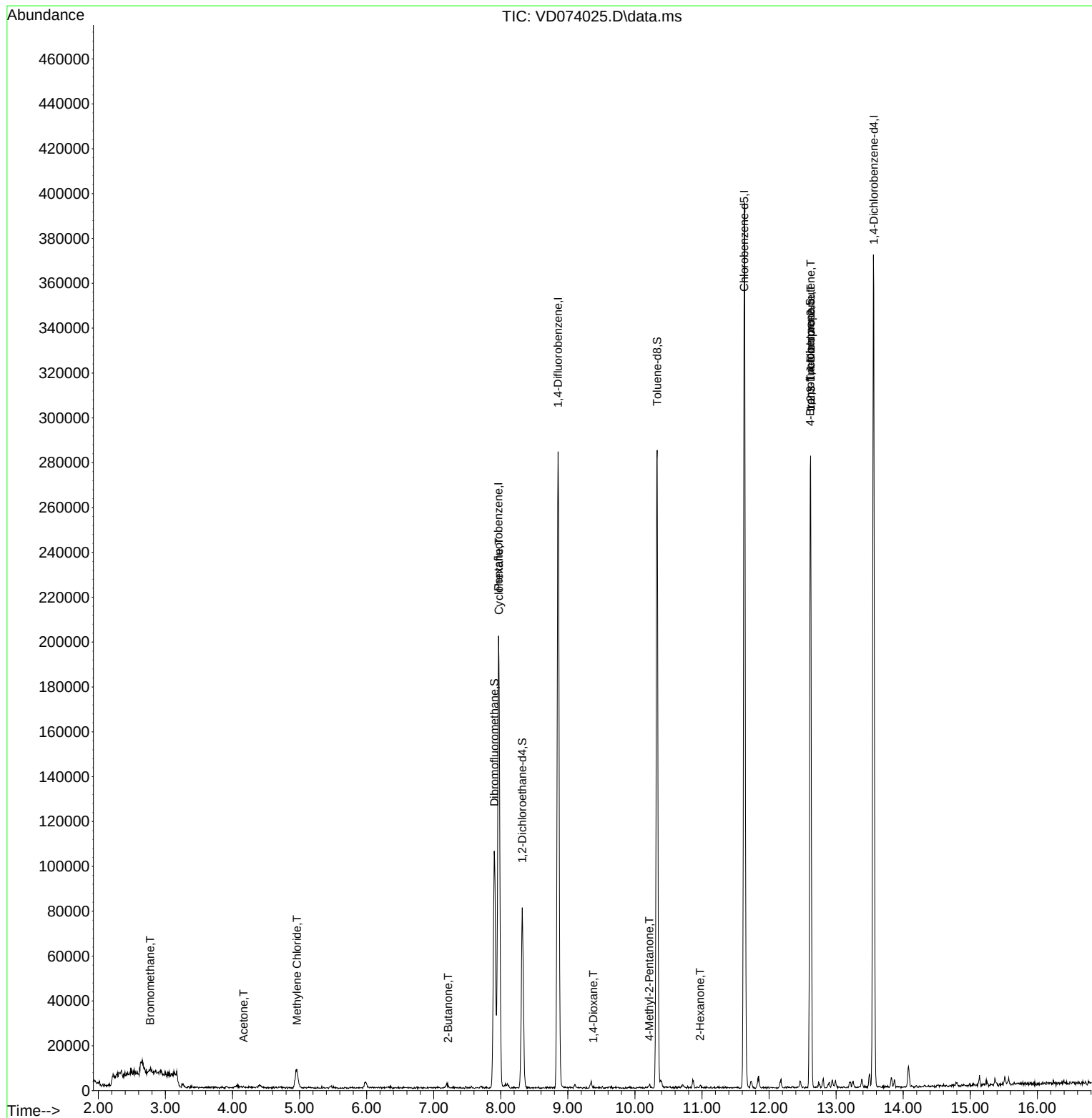
Internal Standards						
1) Pentafluorobenzene	7.967	168	141782	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	242127	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	216183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	95874	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	60204	54.511	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 109.020%	
35) Dibromofluoromethane	7.902	113	73940	45.977	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 91.960%	
50) Toluene-d8	10.332	98	189123	44.309	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 88.620%	
62) 4-Bromofluorobenzene	12.614	95	84461	42.708	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.420%	
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	627	Below Cal	#	43
3) Chloromethane	2.215	50	1664	Below Cal	#	73
5) Bromomethane	2.773	94	2307	1.110	ug/l	82
16) Acetone	4.167	43	782	3.447	ug/l #	46
18) Methyl Acetate	4.744	43	62	Below Cal	#	49
20) Methylene Chloride	4.961	84	6349	1.290	ug/l	86
25) 2-Butanone	7.214	43	740	2.086	ug/l #	46
31) Cyclohexane	7.973	56	4413	1.774	ug/l #	43
49) 1,4-Dioxane	9.379	88	76	7.563	ug/l #	24
51) 4-Methyl-2-Pentanone	10.214	43	1051	1.230	ug/l	94
59) 2-Hexanone	10.973	43	891	1.555	ug/l	76
76) 1,2,3-Trichloropropane	12.620	75	46209	52.790	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	46209	140.894	ug/l #	13

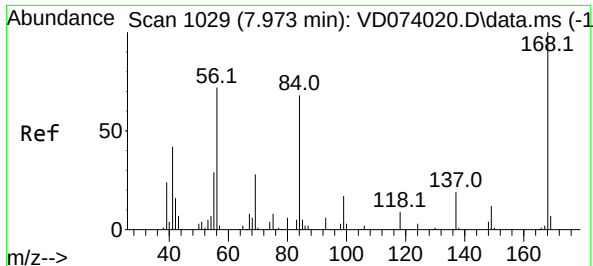
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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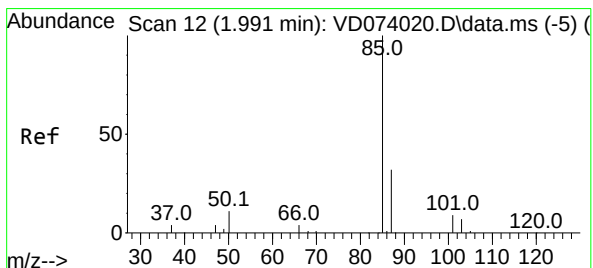
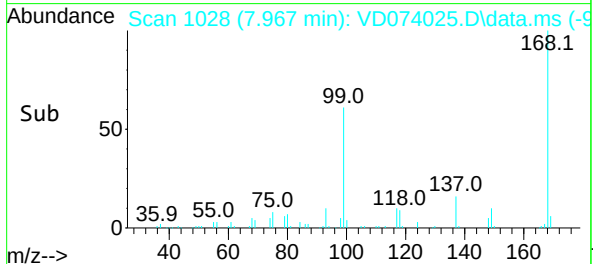
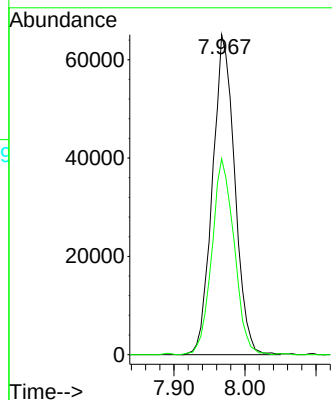
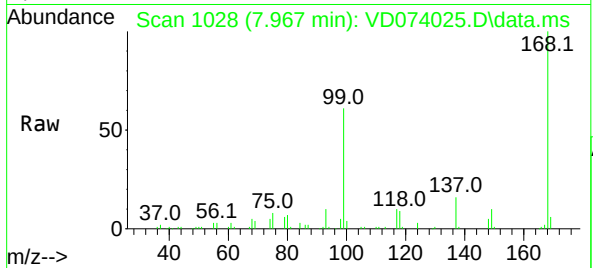




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.967 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074025.D
Acq: 10 Aug 2022 15:07

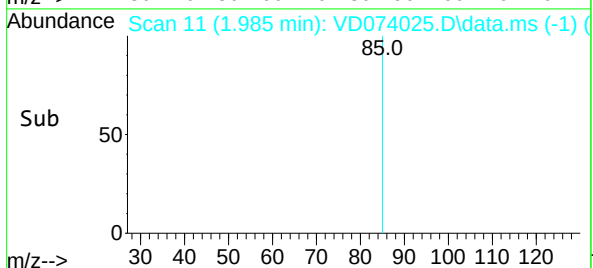
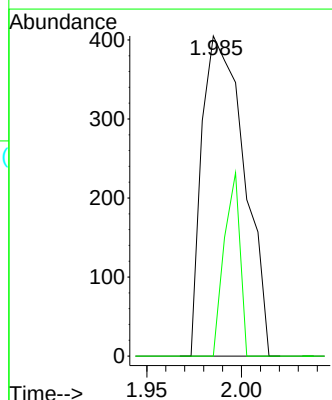
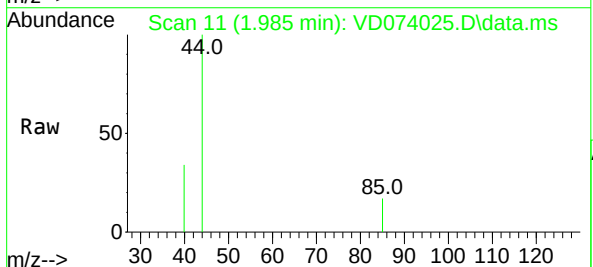
Instrument :
MSVOA_D
ClientSampleId :
VD0810SBL01

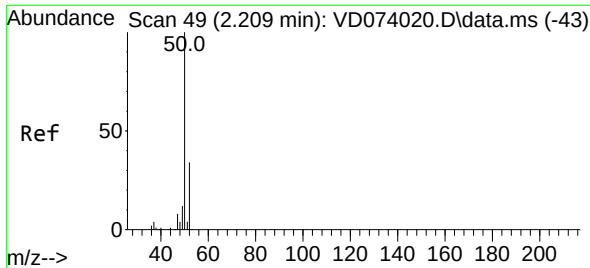
Tgt Ion:168 Resp: 141782
Ion Ratio Lower Upper
168 100
99 61.2 48.3 72.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074025.D
Acq: 10 Aug 2022 15:07

Tgt Ion: 85 Resp: 627
Ion Ratio Lower Upper
85 100
87 0.0 16.0 47.9#

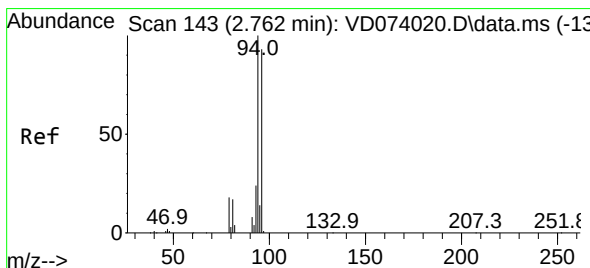
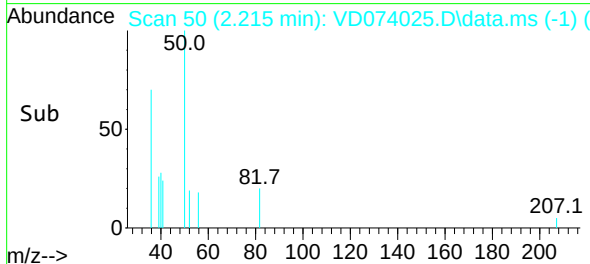
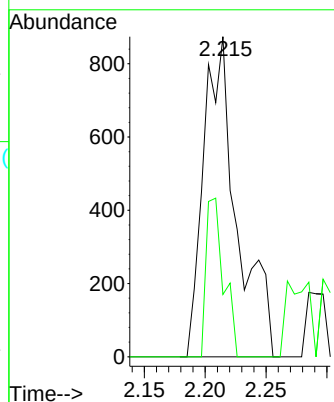
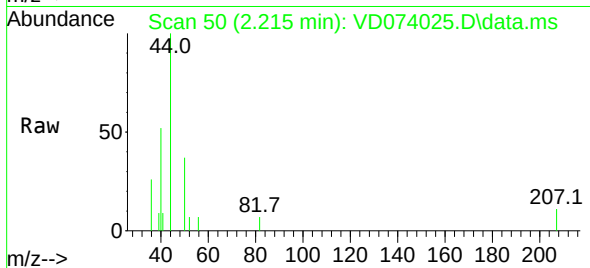




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD074025.D
Acq: 10 Aug 2022 15:07

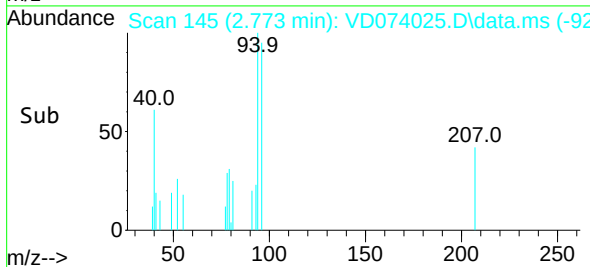
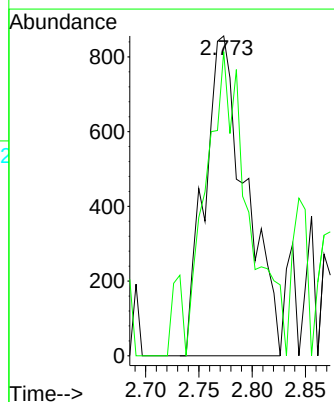
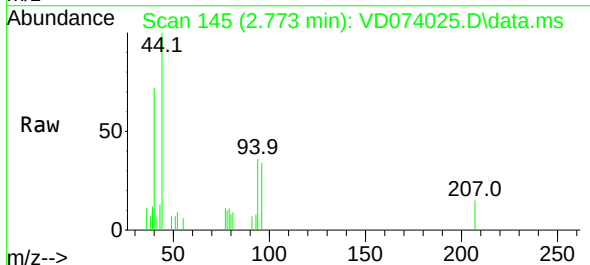
Instrument :
MSVOA_D
ClientSampleId :
VD0810SBL01

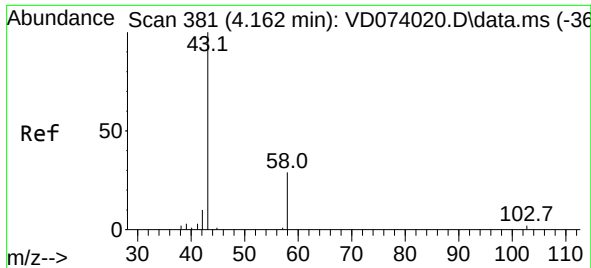
Tgt Ion: 50 Resp: 1664
Ion Ratio Lower Upper
50 100
52 19.5 28.1 42.1#



#5
Bromomethane
Concen: 1.110 ug/l
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD074025.D
Acq: 10 Aug 2022 15:07

Tgt Ion: 94 Resp: 2307
Ion Ratio Lower Upper
94 100
96 72.9 72.0 108.0

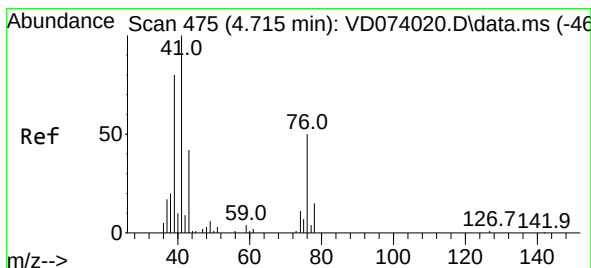
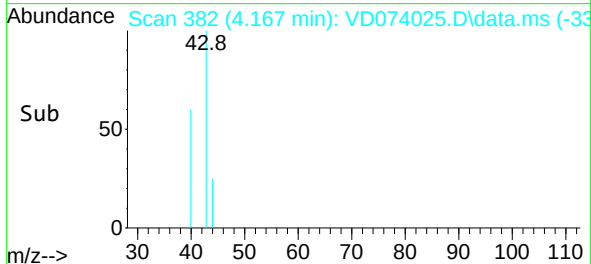
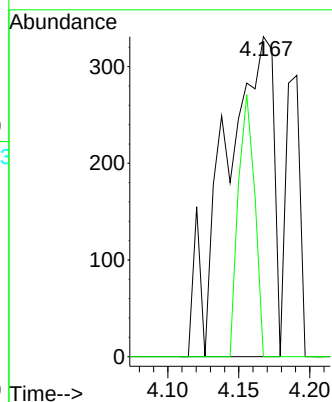
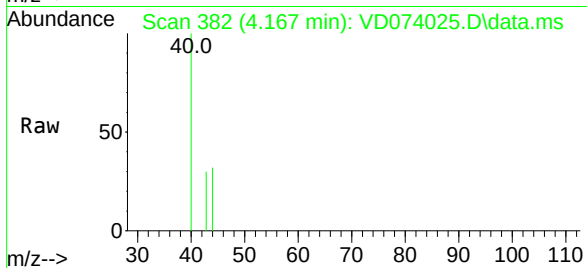




#16
Acetone
Concen: 3.447 ug/l
RT: 4.167 min Scan# 381
Delta R.T. 0.005 min
Lab File: VD074025.D
Acq: 10 Aug 2022 15:07

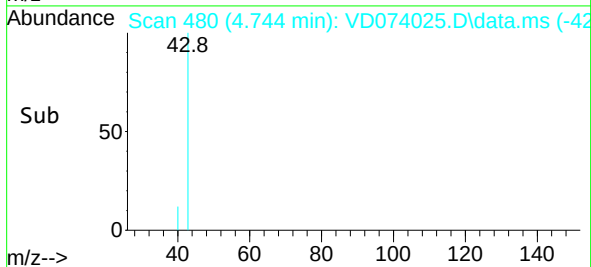
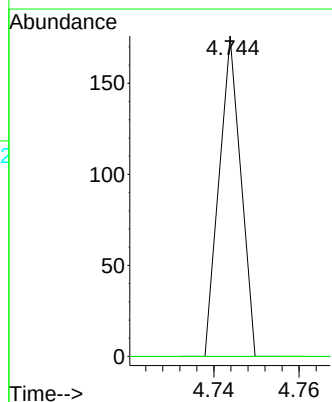
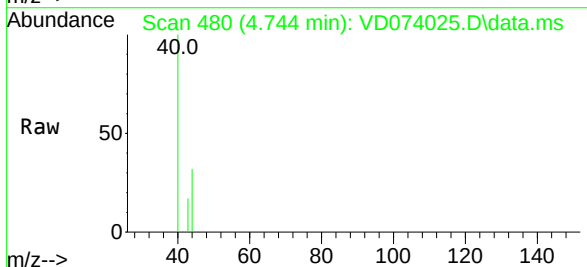
Instrument :
MSVOA_D
ClientSampleId :
VD0810SBL01

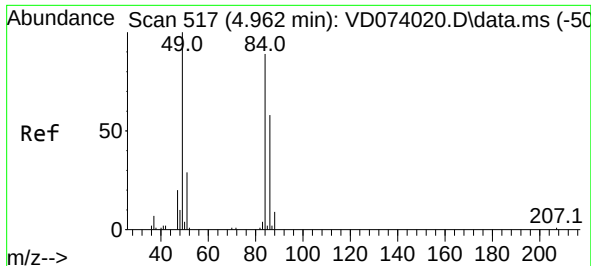
Tgt Ion: 43 Resp: 782
Ion Ratio Lower Upper
43 100
58 0.0 22.8 34.2#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.744 min Scan# 480
Delta R.T. 0.029 min
Lab File: VD074025.D
Acq: 10 Aug 2022 15:07

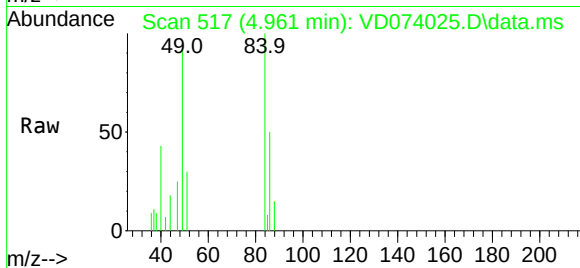
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
74 0.0 21.0 31.4#



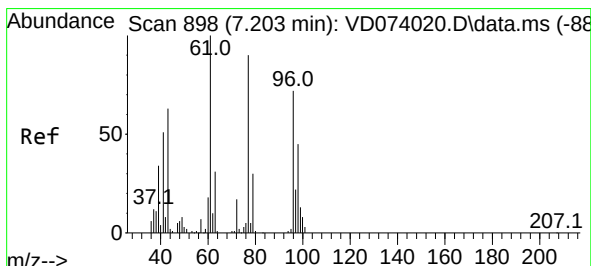
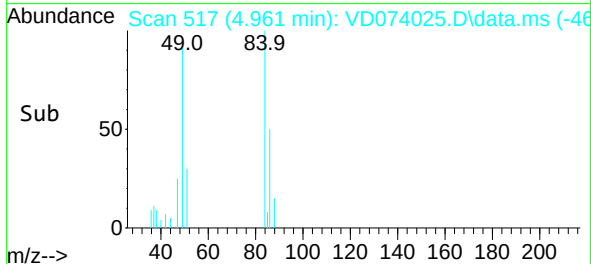
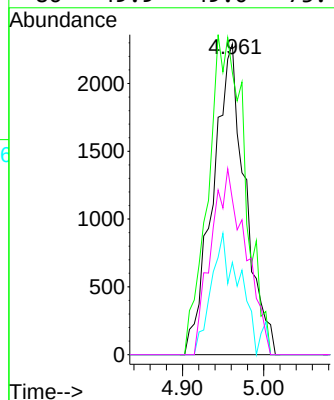


#20
Methylene Chloride
Concen: 1.290 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD074025.D
Acq: 10 Aug 2022 15:07

Instrument :
MSVOA_D
ClientSampleId :
VD0810SBL01

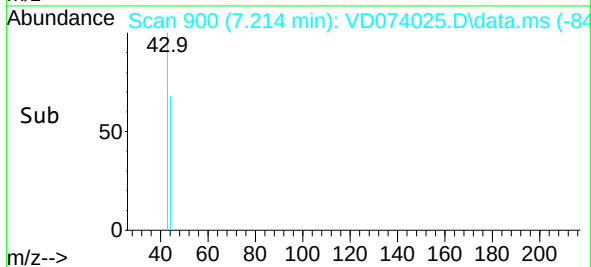
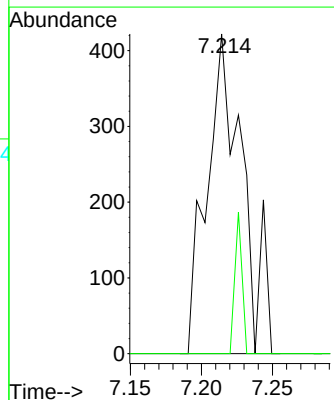
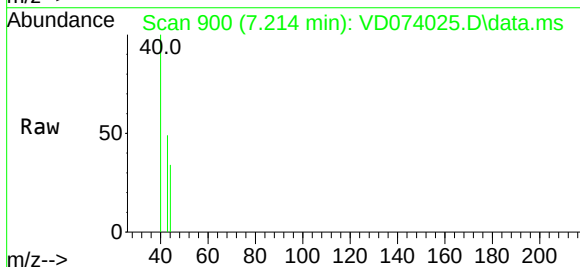


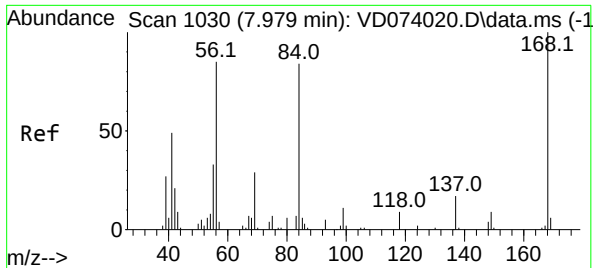
Tgt Ion:	84	Resp:	6349
Ion	Ratio	Lower	Upper
84	100		
49	90.8	85.8	128.6
51	29.7	28.0	42.0
86	49.9	49.0	73.4



#25
2-Butanone
Concen: 2.086 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.011 min
Lab File: VD074025.D
Acq: 10 Aug 2022 15:07

Tgt Ion:	43	Resp:	740
Ion	Ratio	Lower	Upper
43	100		
72	0.0	23.0	34.6#

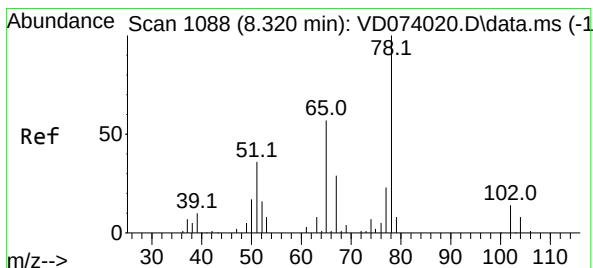
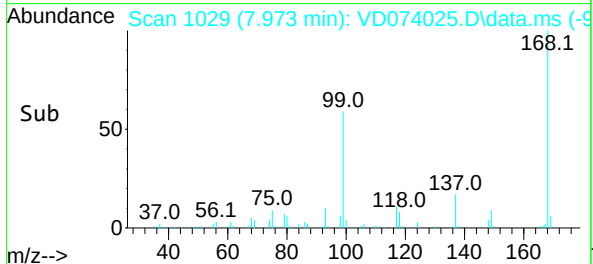
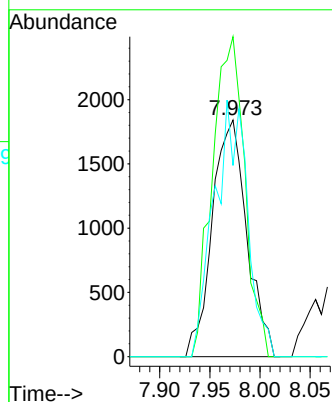
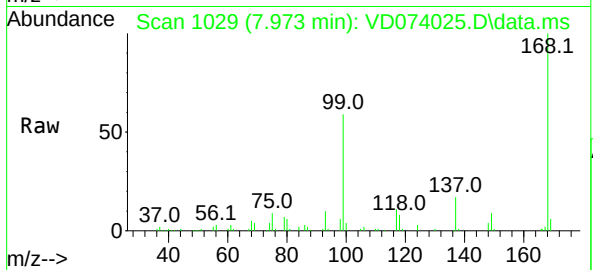




#31
Cyclohexane
Concen: 1.774 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD074025.D
Acq: 10 Aug 2022 15:07

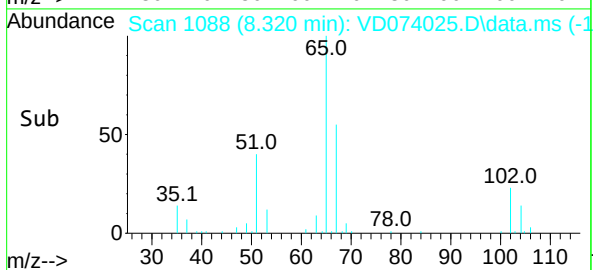
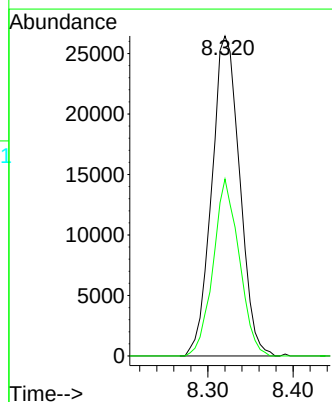
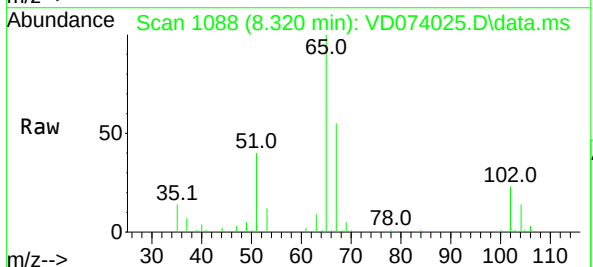
Instrument :
MSVOA_D
ClientSampleId :
VD0810SBL01

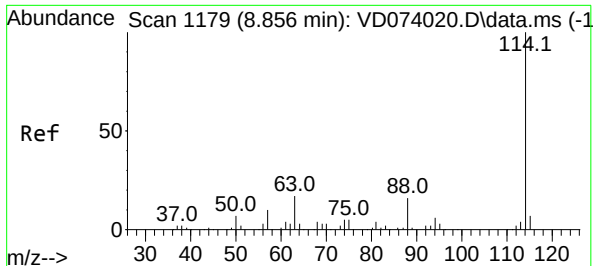
Tgt Ion: 56 Resp: 4413
Ion Ratio Lower Upper
56 100
69 135.3 27.9 41.9#
84 80.8 75.8 113.6



#33
1,2-Dichloroethane-d4
Concen: 54.511 ug/l
RT: 8.320 min Scan# 1088
Delta R.T. 0.000 min
Lab File: VD074025.D
Acq: 10 Aug 2022 15:07

Tgt Ion: 65 Resp: 60204
Ion Ratio Lower Upper
65 100
67 51.5 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: VD074025.D

Acq: 10 Aug 2022 15:07

Instrument :

MSVOA_D

ClientSampleId :

VD0810SBL01

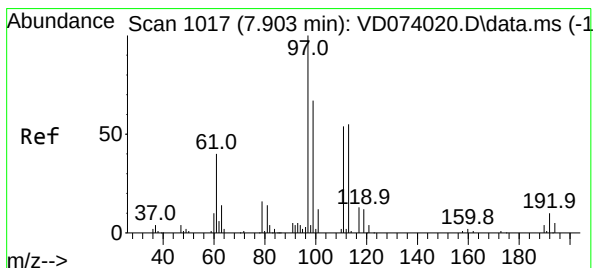
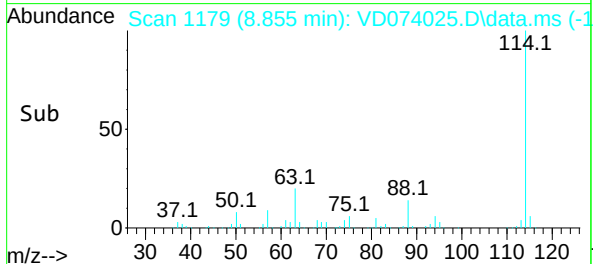
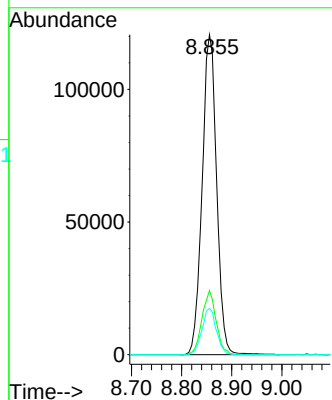
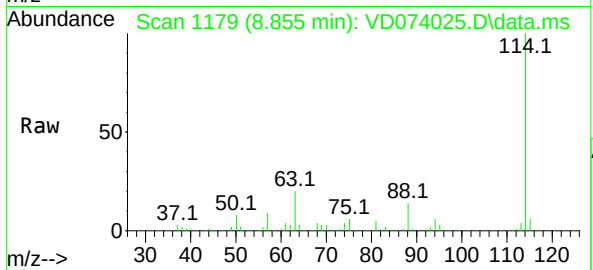
Tgt Ion:114 Resp: 242127

Ion Ratio Lower Upper

114 100

63 20.1 0.0 41.0

88 14.5 0.0 31.6



#35

Dibromofluoromethane

Concen: 45.977 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.001 min

Lab File: VD074025.D

Acq: 10 Aug 2022 15:07

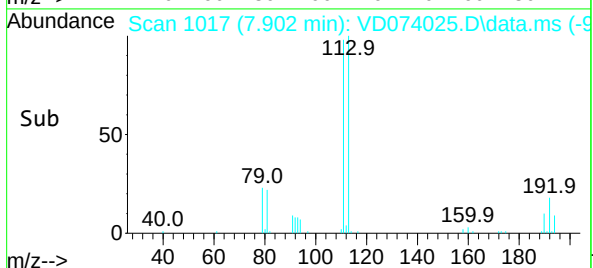
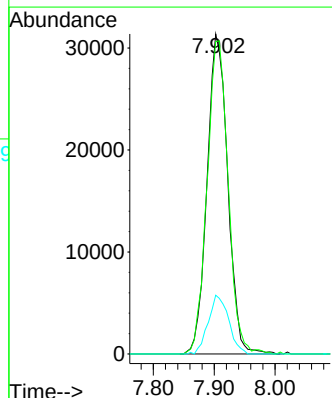
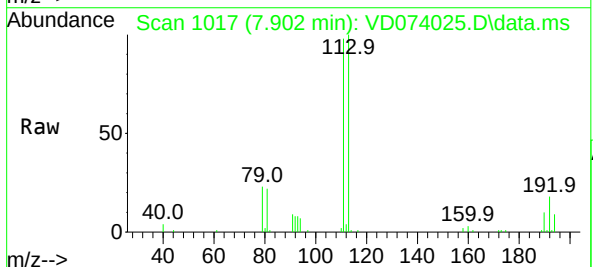
Tgt Ion:113 Resp: 73940

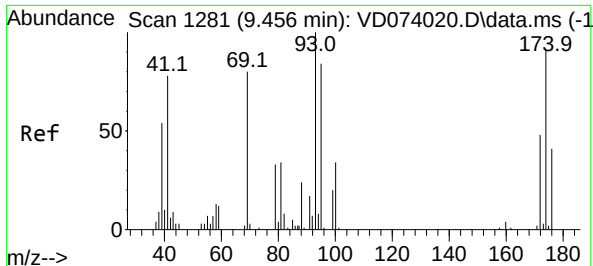
Ion Ratio Lower Upper

113 100

111 100.2 80.0 120.0

192 18.2 14.2 21.4





#49

1,4-Dioxane

Concen: 7.563 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.077 min

Lab File: VD074025.D

Acq: 10 Aug 2022 15:07

Instrument :

MSVOA_D

ClientSampleId :

VD0810SBL01

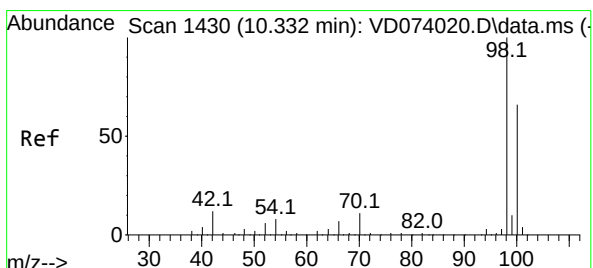
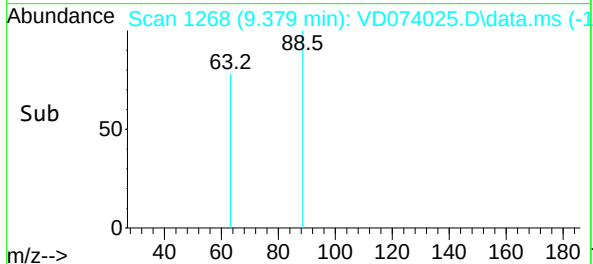
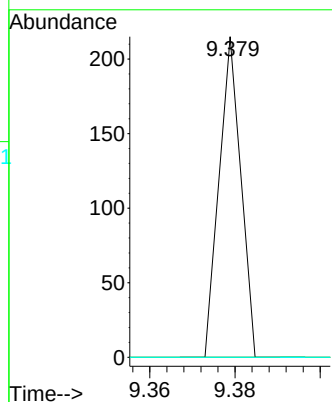
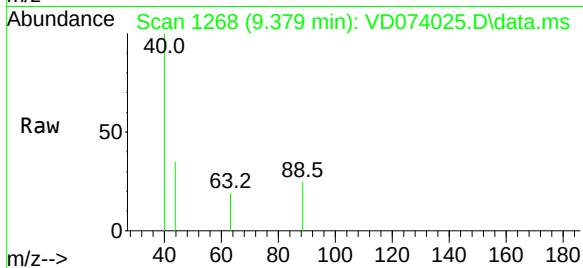
Tgt Ion: 88 Resp: 76

Ion Ratio Lower Upper

88 100

43 0.0 29.2 43.8#

58 0.0 53.8 80.6#



#50

Toluene-d8

Concen: 44.309 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD074025.D

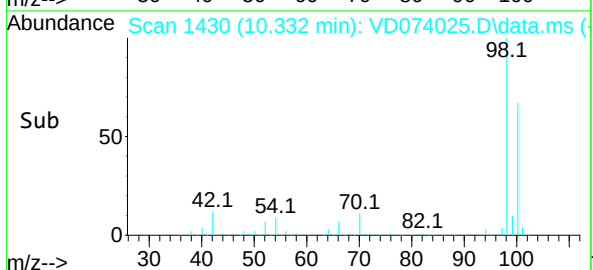
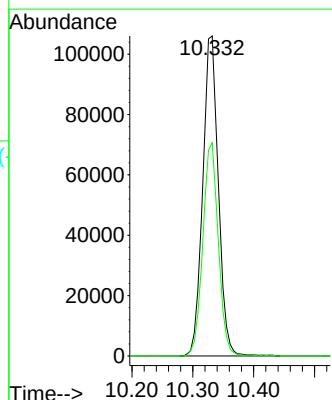
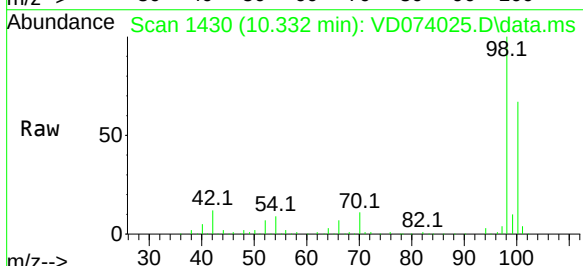
Acq: 10 Aug 2022 15:07

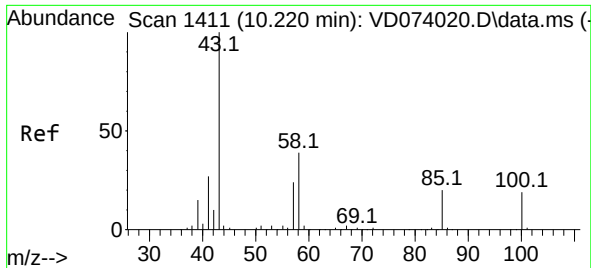
Tgt Ion: 98 Resp: 189123

Ion Ratio Lower Upper

98 100

100 66.0 51.3 76.9

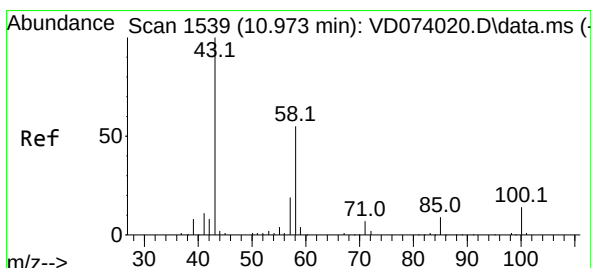
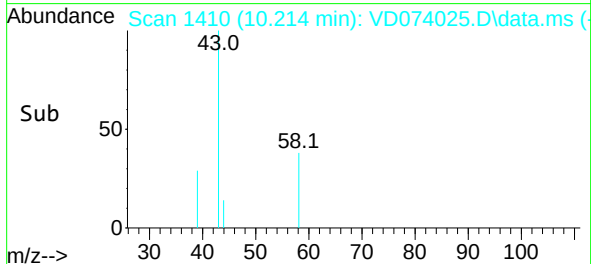
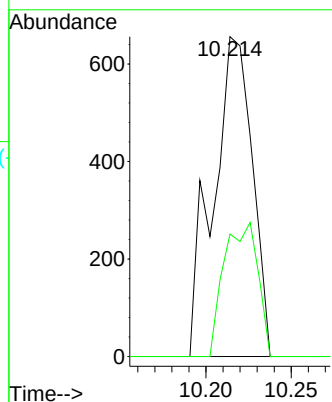
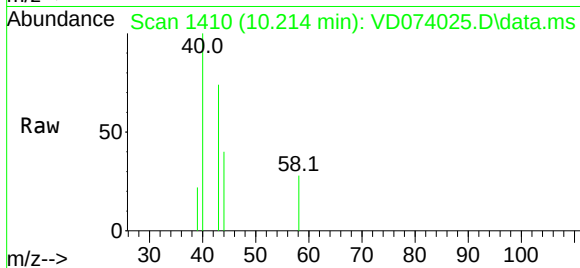




#51
4-Methyl-2-Pentanone
Concen: 1.230 ug/l
RT: 10.214 min Scan# 1410
Delta R.T. -0.006 min
Lab File: VD074025.D
Acq: 10 Aug 2022 15:07

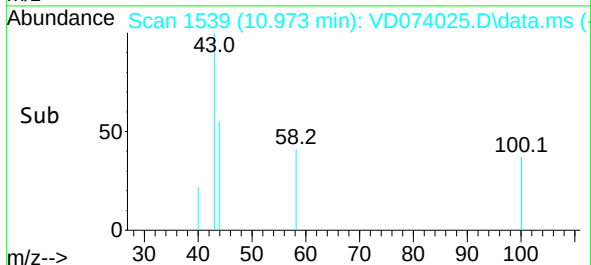
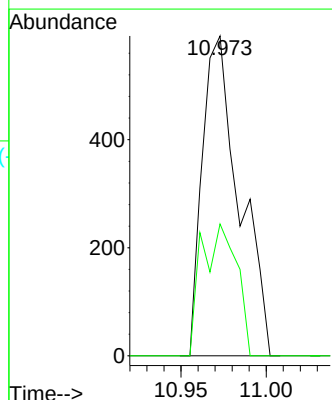
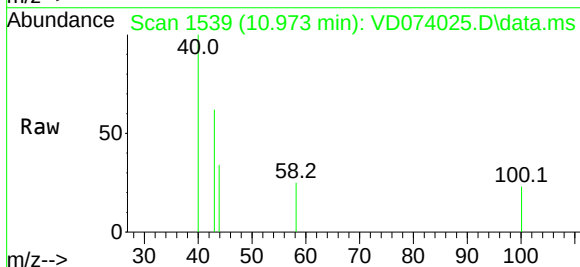
Instrument :
MSVOA_D
ClientSampleId :
VD0810SBL01

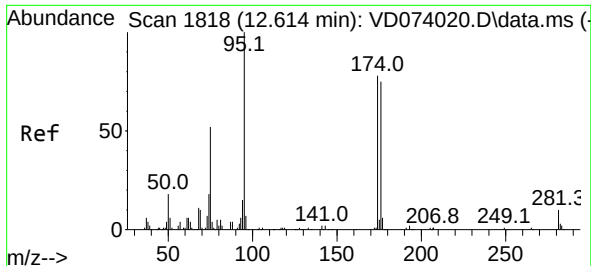
Tgt Ion: 43 Resp: 1051
Ion Ratio Lower Upper
43 100
58 36.0 31.7 47.5



#59
2-Hexanone
Concen: 1.555 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD074025.D
Acq: 10 Aug 2022 15:07

Tgt Ion: 43 Resp: 891
Ion Ratio Lower Upper
43 100
58 39.1 28.2 84.6

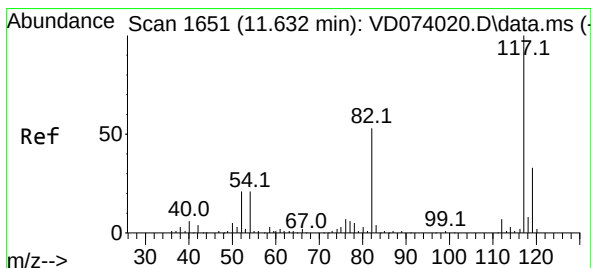
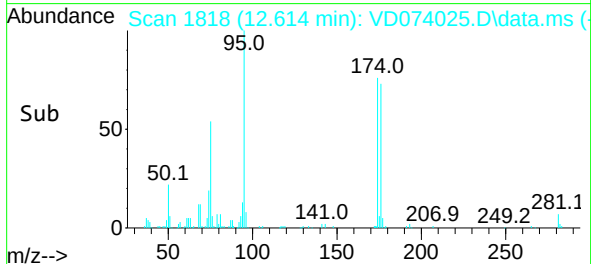
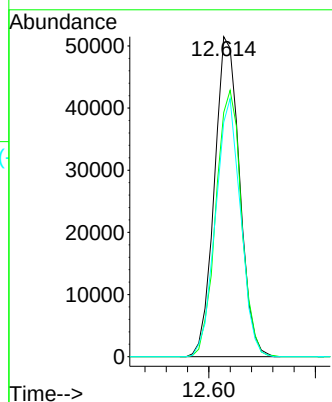
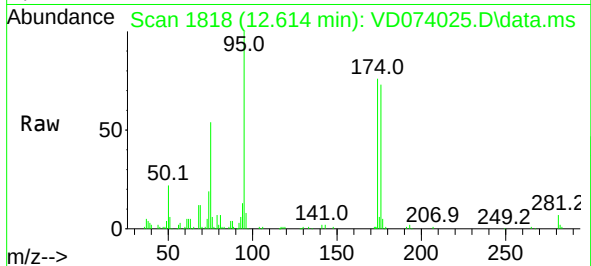




#62
4-Bromofluorobenzene
Concen: 42.708 ug/l
RT: 12.614 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VD074025.D
Acq: 10 Aug 2022 15:07

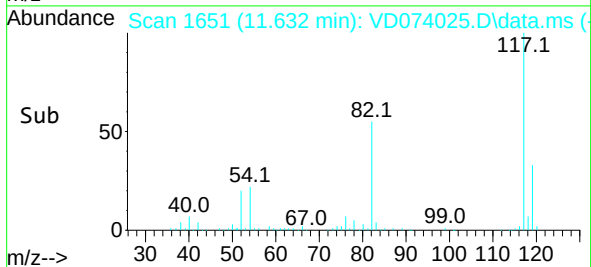
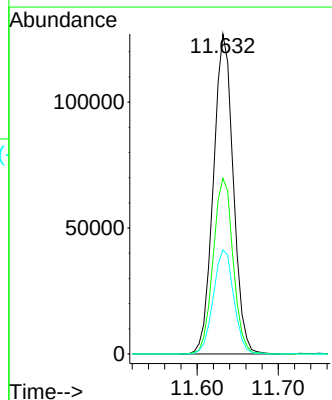
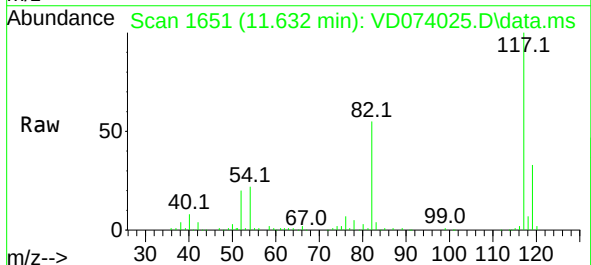
Instrument :
MSVOA_D
ClientSampleId :
VD0810SBL01

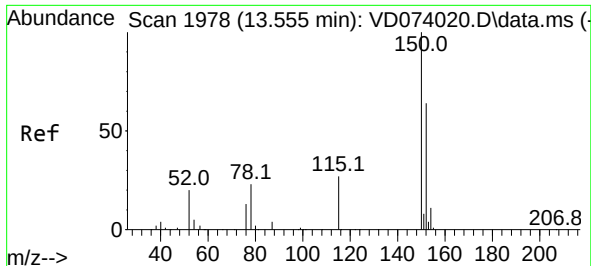
Tgt Ion: 95 Resp: 84461
Ion Ratio Lower Upper
95 100
174 84.2 0.0 162.6
176 79.7 0.0 160.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.000 min
Lab File: VD074025.D
Acq: 10 Aug 2022 15:07

Tgt Ion: 117 Resp: 216183
Ion Ratio Lower Upper
117 100
82 54.9 42.7 64.1
119 32.6 25.8 38.8

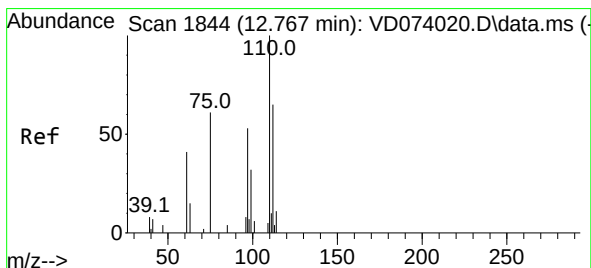
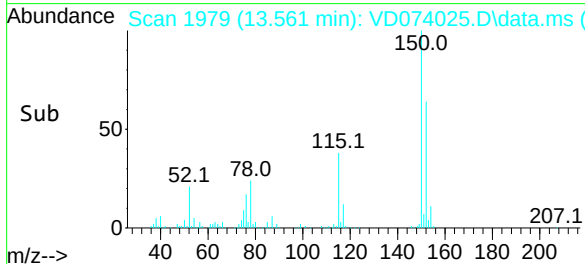
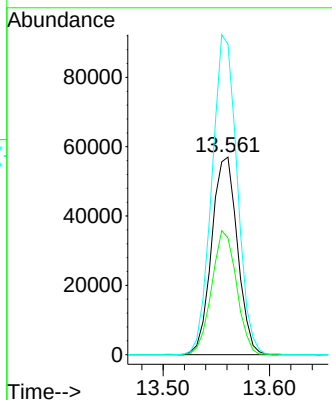
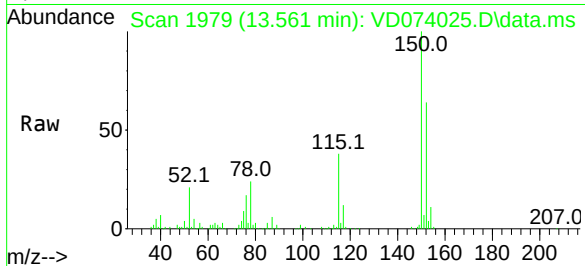




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1978
Delta R.T. 0.006 min
Lab File: VD074025.D
Acq: 10 Aug 2022 15:07

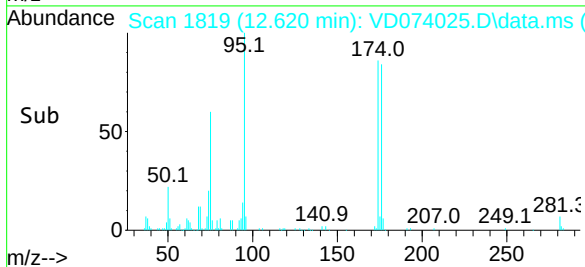
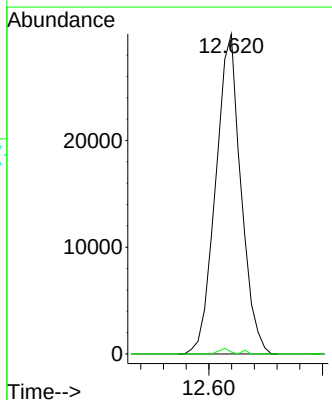
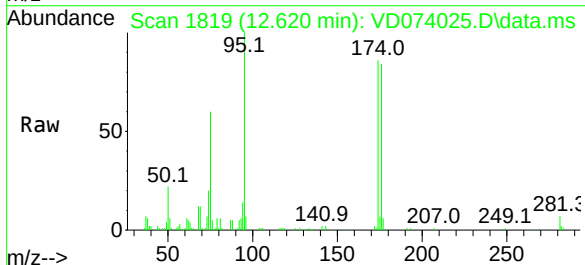
Instrument :
MSVOA_D
ClientSampleId :
VD0810SBL01

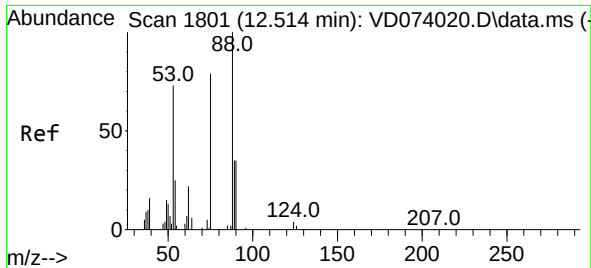
Tgt Ion:152 Resp: 95874
Ion Ratio Lower Upper
152 100
115 60.6 29.9 89.8
150 158.5 0.0 342.8



#76
1,2,3-Trichloropropane
Concen: 52.790 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.147 min
Lab File: VD074025.D
Acq: 10 Aug 2022 15:07

Tgt Ion: 75 Resp: 46209
Ion Ratio Lower Upper
75 100
77 0.7 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 140.894 ug/l
 RT: 12.620 min Scan# 1819
 Delta R.T. 0.106 min
 Lab File: VD074025.D
 Acq: 10 Aug 2022 15:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0810SBL01

Tgt Ion: 75 Resp: 46209
 Ion Ratio Lower Upper
 75 100
 53 0.0 71.3 106.9#
 89 0.2 38.3 57.5#

