

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102822\
 Data File : VD074664.D
 Acq On : 28 Oct 2022 11:50
 Operator : VA/SY
 Sample : VD1028SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD1028SBL01

Quant Time: Oct 29 02:13:34 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D102722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 00:18:17 2022
 Response via : Initial Calibration

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

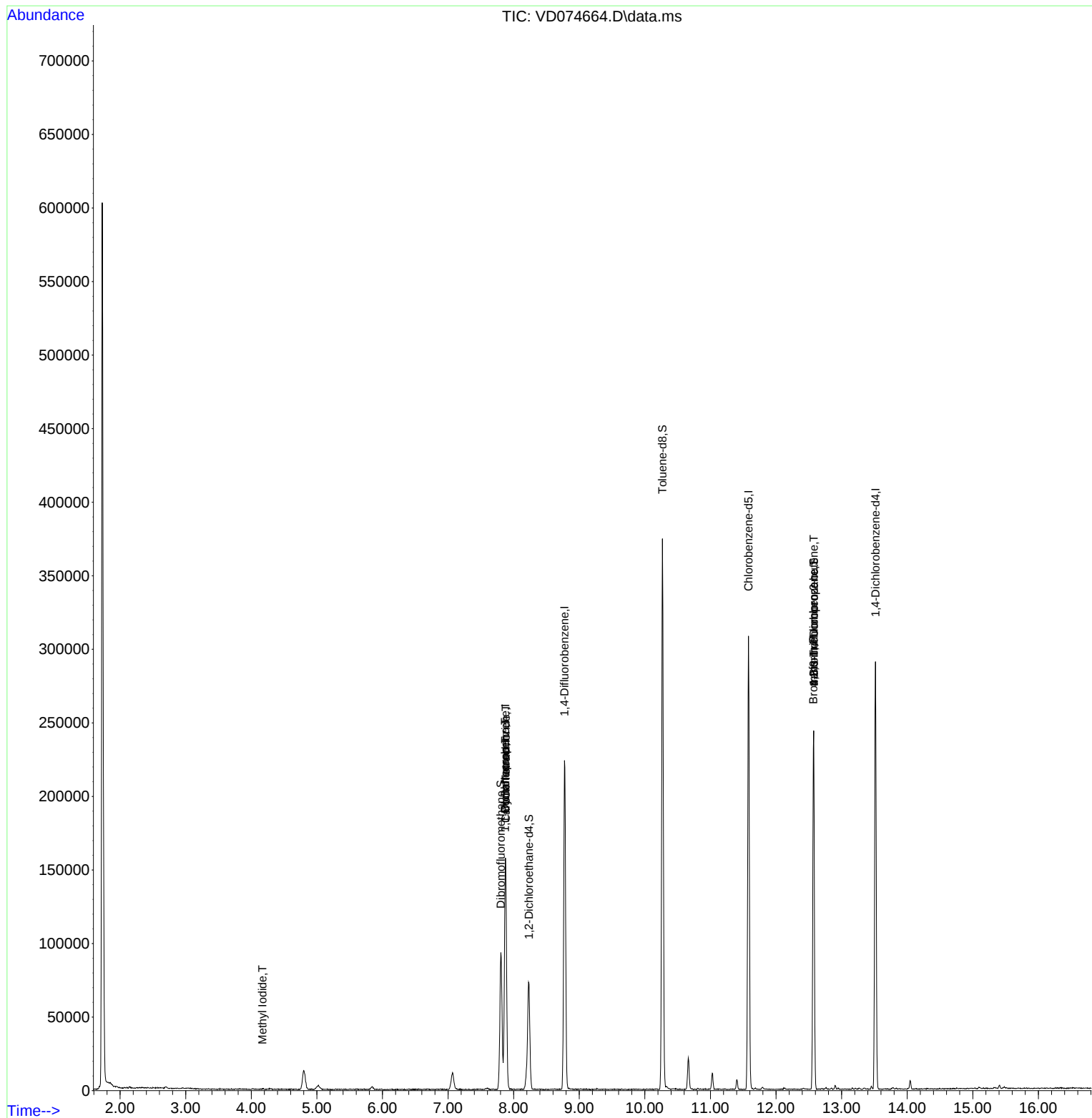
Internal Standards						
1) Pentafluorobenzene	7.875	168	131238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	221252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	194946	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	84921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	55819	50.393	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.780%	
35) Dibromofluoromethane	7.804	113	68226	50.500	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.000%	
50) Toluene-d8	10.269	98	265889	51.176	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.360%	
62) 4-Bromofluorobenzene	12.575	95	73116	51.241	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 102.480%	
Target Compounds						Qvalue
3) Chloromethane	2.140	50	687	Below Cal	#	77
10) Methyl Iodide	4.169	142	790	5.847	ug/l #	43
11) Tert butyl alcohol	5.016	59	2688	Below Cal	#	84
16) Acetone	4.016	43	431	Below Cal	#	37
20) Methylene Chloride	4.805	84	11608	Below Cal	#	91
25) 2-Butanone	7.087	43	489	Below Cal	#	42
31) Cyclohexane	7.875	56	2629	1.295	ug/l #	26
36) 1,1-Dichloropropene	7.869	75	8842	4.593	ug/l #	46
38) Carbon Tetrachloride	7.881	117	11954	6.683	ug/l #	18
71) Bromoform	12.569	173	891	1.324	ug/l #	30
76) 1,2,3-Trichloropropane	12.575	75	35451	53.376	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.575	75	35451	141.264	ug/l #	17

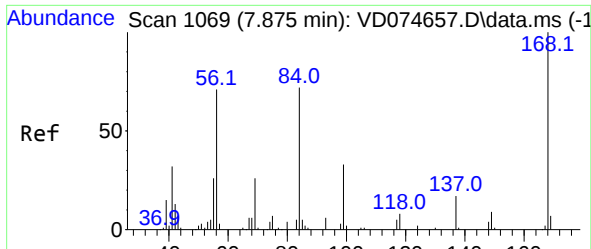
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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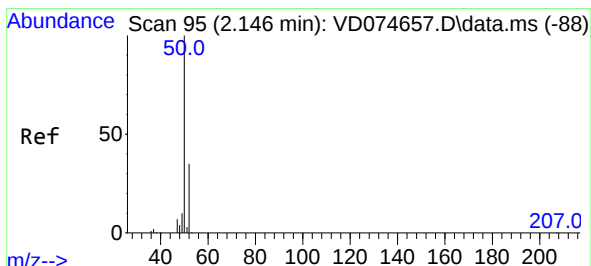
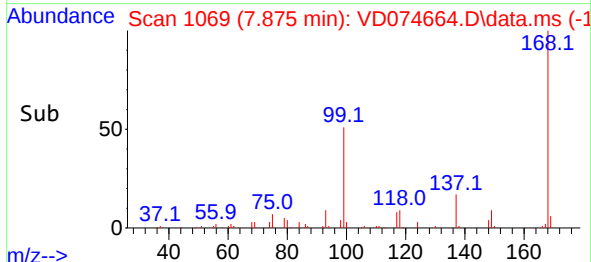
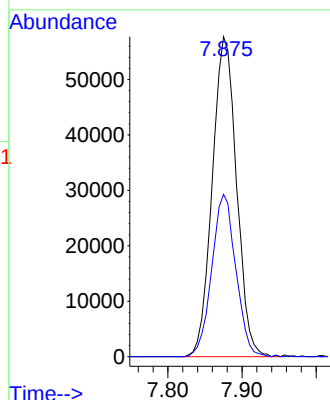
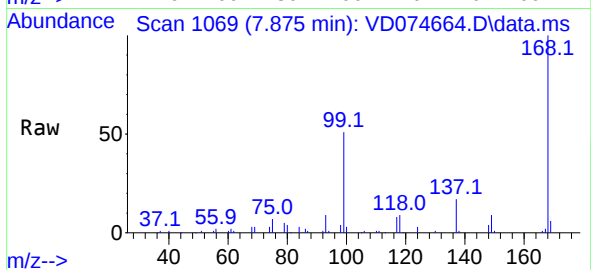




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD074664.D
Acq: 28 Oct 2022 11:50

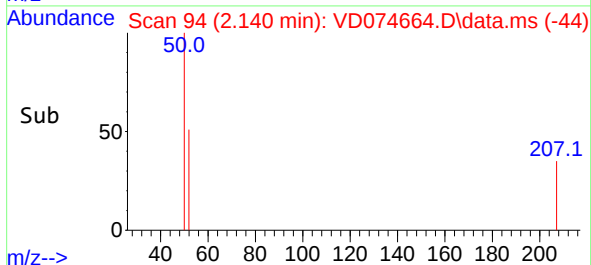
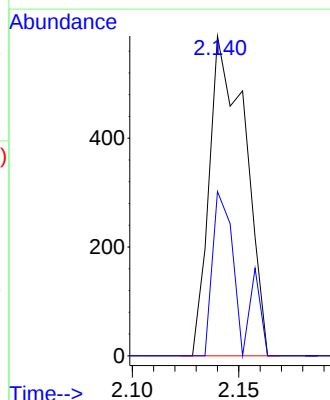
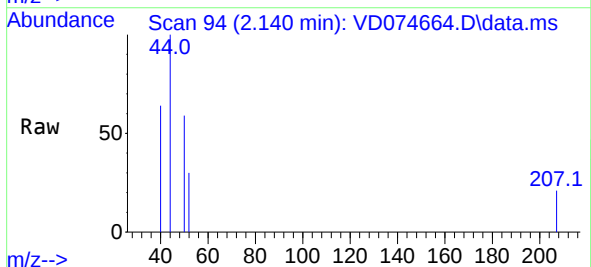
Instrument :
MSVOA_D
ClientSampleId :
VD1028SBL01

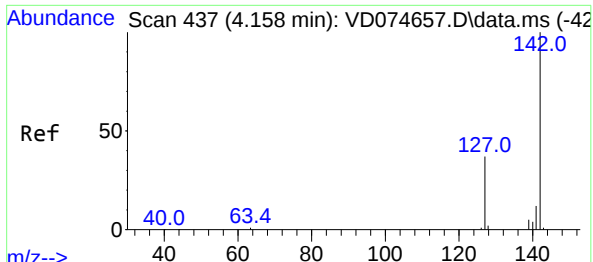
Tgt Ion:168 Resp: 131238
Ion Ratio Lower Upper
168 100
99 50.8 40.9 61.3



#3
Chloromethane
Concen: Below Cal
RT: 2.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: VD074664.D
Acq: 28 Oct 2022 11:50

Tgt Ion: 50 Resp: 687
Ion Ratio Lower Upper
50 100
52 51.4 30.0 45.0#

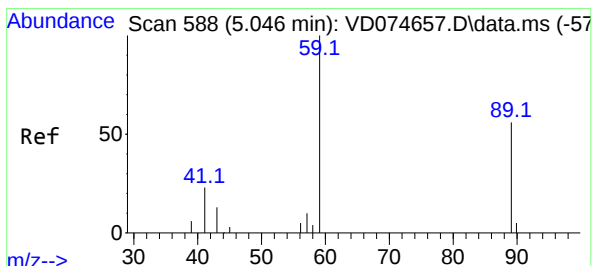
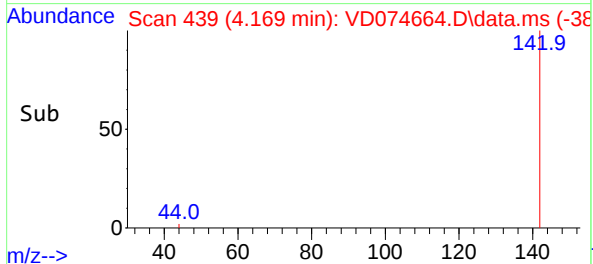
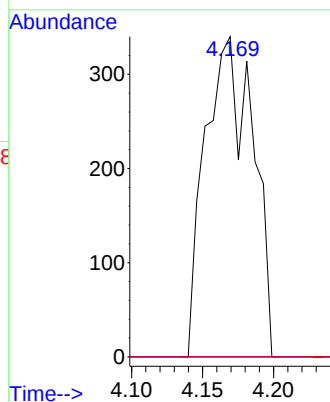
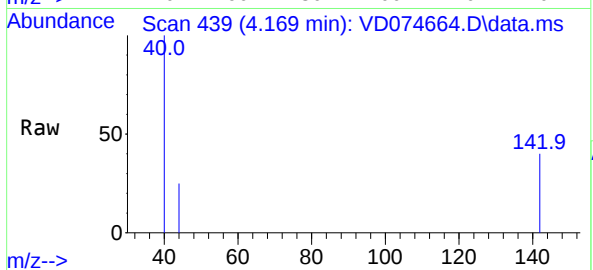




#10
Methyl Iodide
Concen: 5.847 ug/l
RT: 4.169 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD074664.D
Acq: 28 Oct 2022 11:50

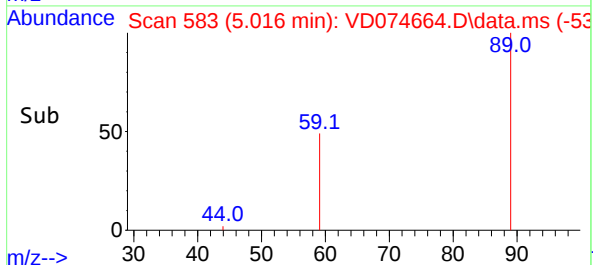
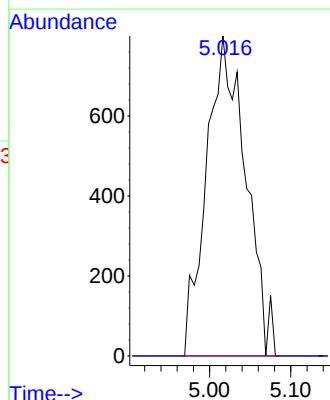
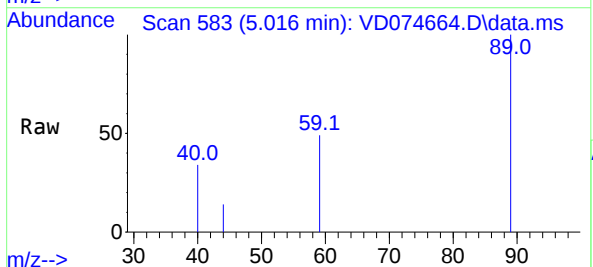
Instrument :
MSVOA_D
ClientSampleId :
VD1028SBL01

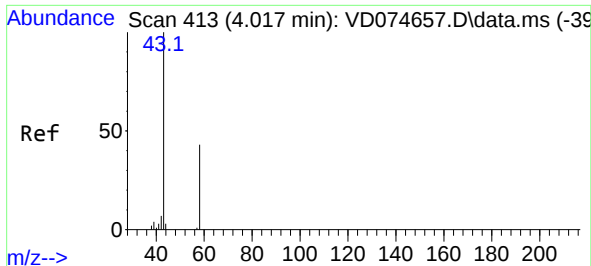
Tgt Ion:142 Resp: 790
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.016 min Scan# 583
Delta R.T. -0.030 min
Lab File: VD074664.D
Acq: 28 Oct 2022 11:50

Tgt Ion: 59 Resp: 2688
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#

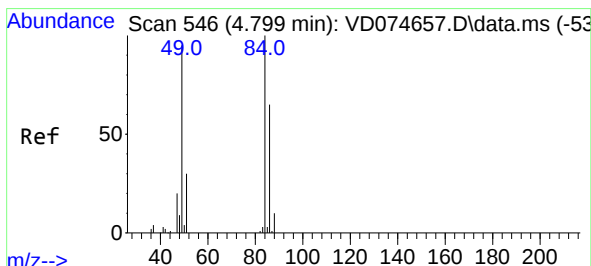
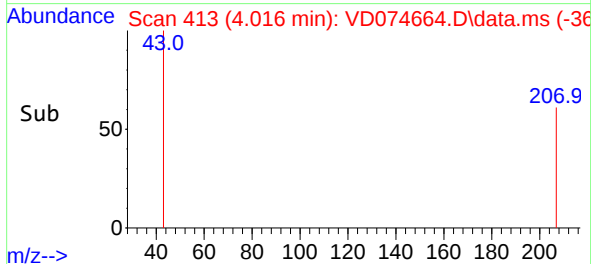
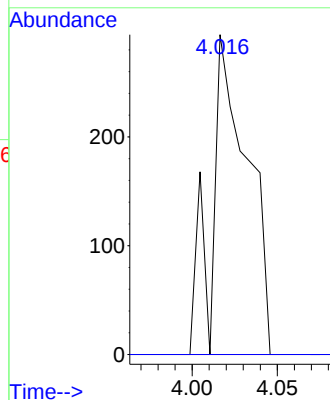
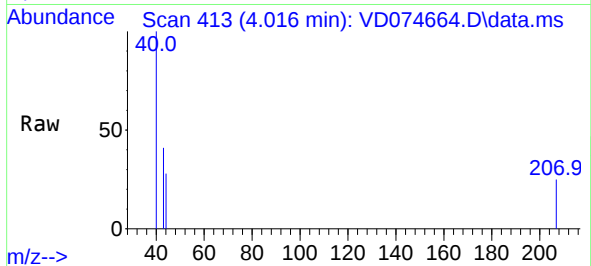




#16
Acetone
Concen: Below Cal
RT: 4.016 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD074664.D
Acq: 28 Oct 2022 11:50

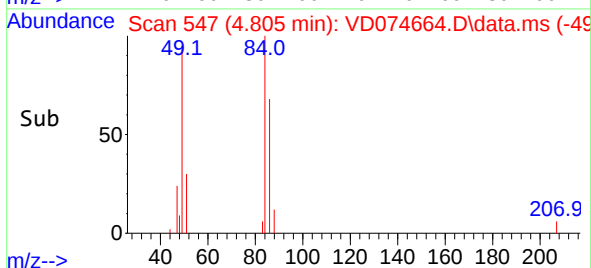
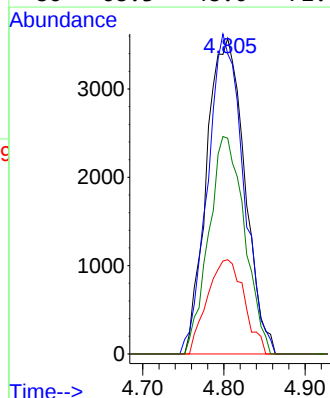
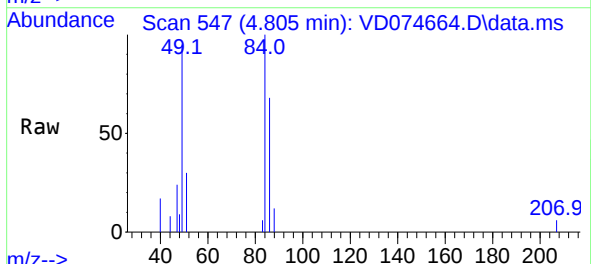
Instrument :
MSVOA_D
ClientSampleId :
VD1028SBL01

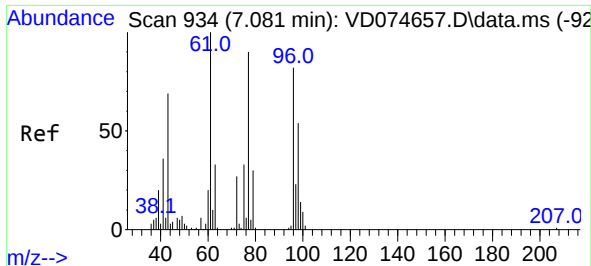
Tgt Ion: 43 Resp: 431
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.805 min Scan# 547
Delta R.T. 0.006 min
Lab File: VD074664.D
Acq: 28 Oct 2022 11:50

Tgt Ion: 84 Resp: 11608
Ion Ratio Lower Upper
84 100
49 95.1 68.0 102.0
51 29.9 23.2 34.8
86 68.3 48.0 72.0





#25

2-Butanone

Concen: Below Cal

RT: 7.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD074664.D

Acq: 28 Oct 2022 11:50

Instrument :

MSVOA_D

ClientSampleId :

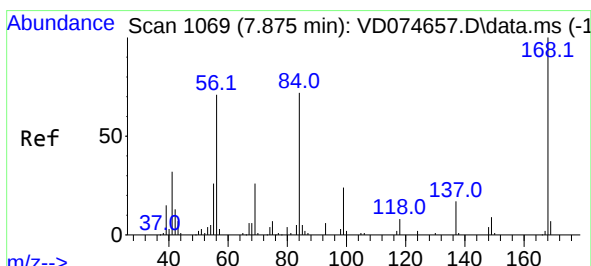
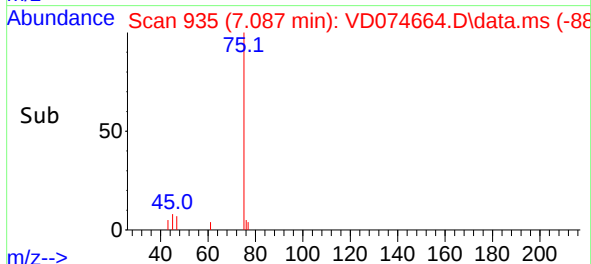
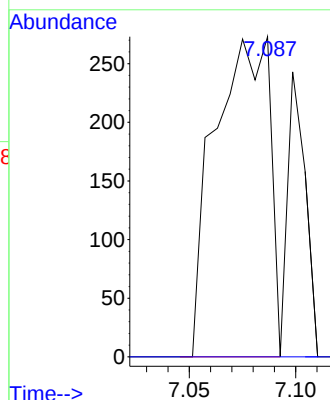
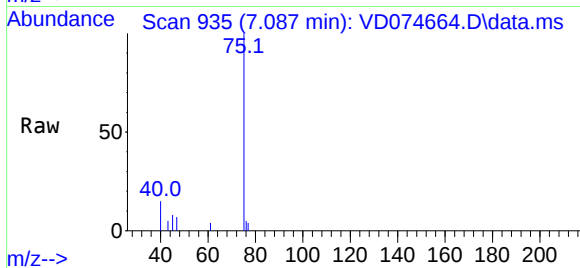
VD1028SBL01

Tgt Ion: 43 Resp: 489

Ion Ratio Lower Upper

43 100

72 0.0 25.8 38.8#



#31

Cyclohexane

Concen: 1.295 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.000 min

Lab File: VD074664.D

Acq: 28 Oct 2022 11:50

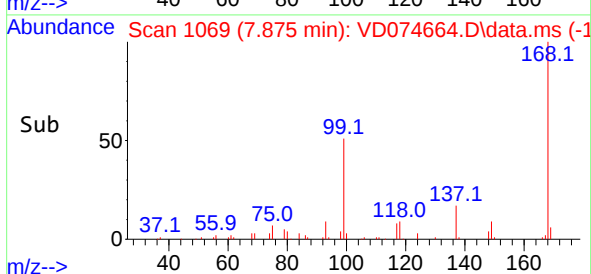
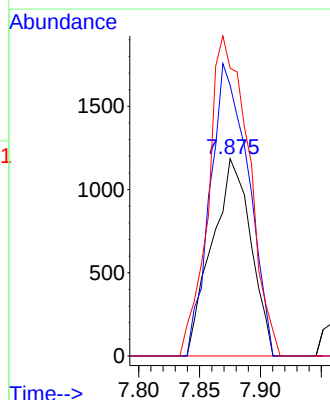
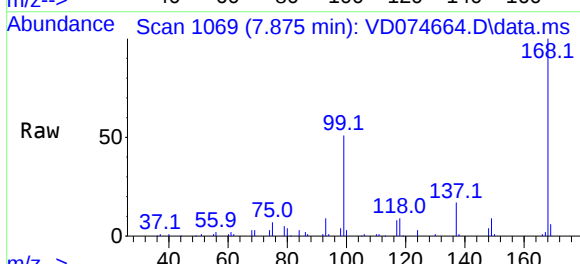
Tgt Ion: 56 Resp: 2629

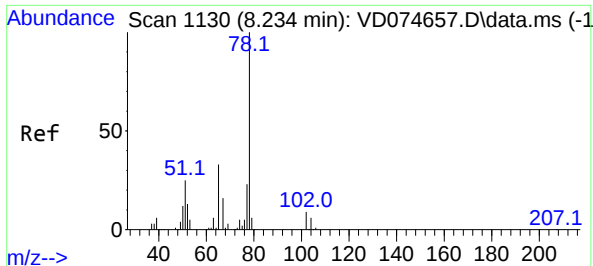
Ion Ratio Lower Upper

56 100

69 137.3 29.2 43.8#

84 145.9 83.4 125.2#





#33

1,2-Dichloroethane-d4

Concen: 50.393 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD074664.D

Acq: 28 Oct 2022 11:50

Instrument :

MSVOA_D

ClientSampleId :

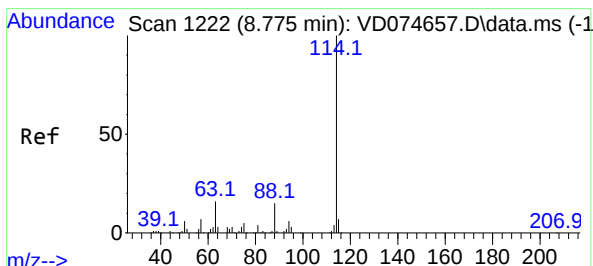
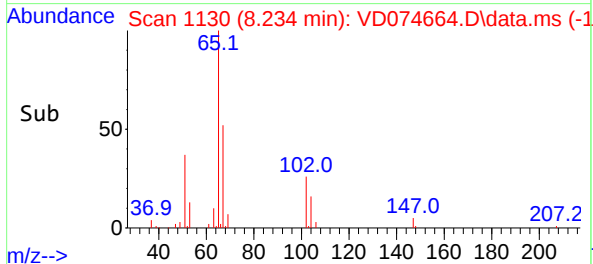
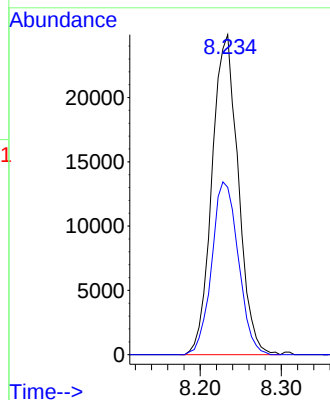
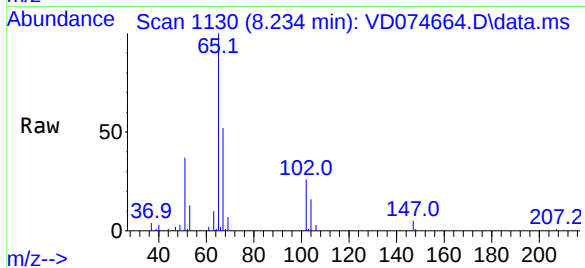
VD1028SBL01

Tgt Ion: 65 Resp: 55819

Ion Ratio Lower Upper

65 100

67 54.9 0.0 110.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD074664.D

Acq: 28 Oct 2022 11:50

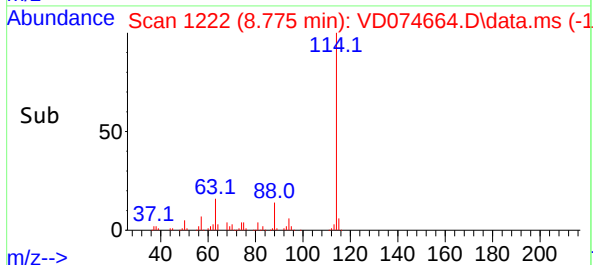
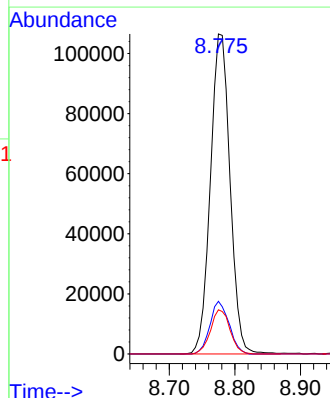
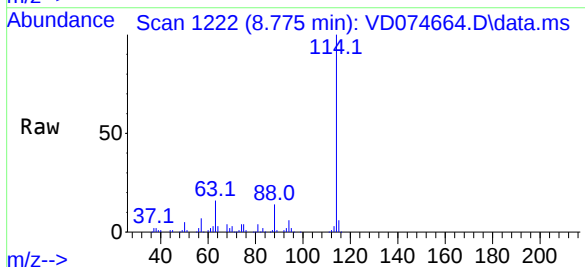
Tgt Ion: 114 Resp: 221252

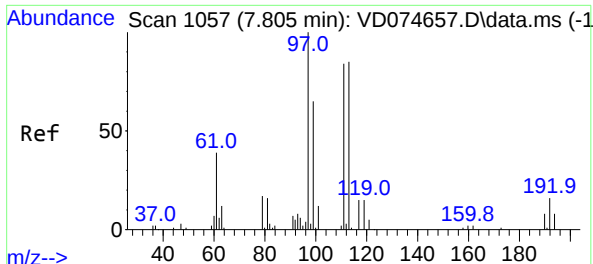
Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.2

88 13.8 0.0 28.2

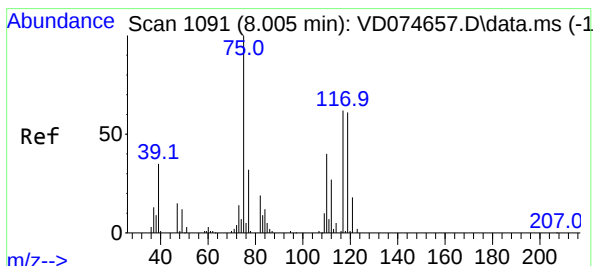
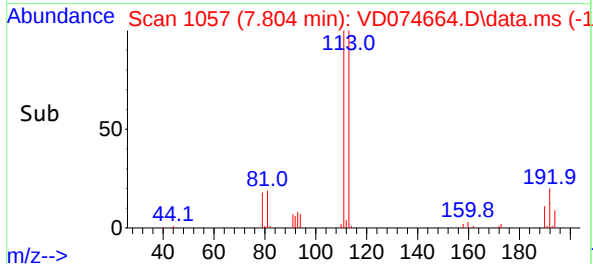
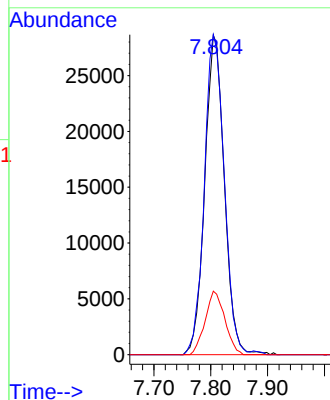
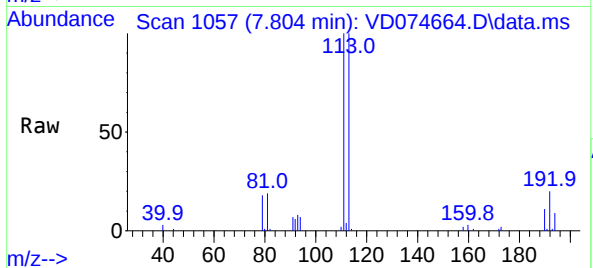




#35
Dibromofluoromethane
Concen: 50.500 ug/l
RT: 7.804 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VD074664.D
Acq: 28 Oct 2022 11:50

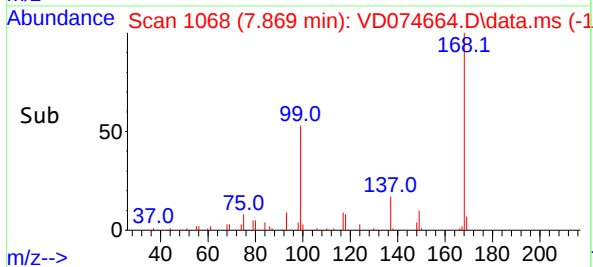
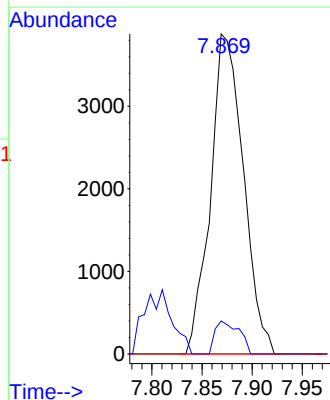
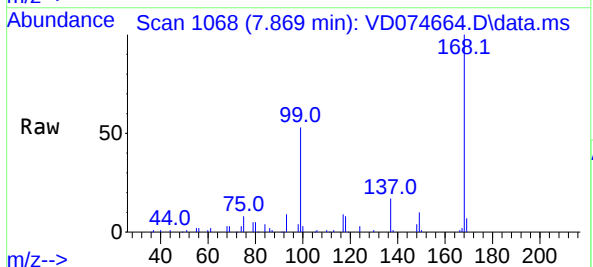
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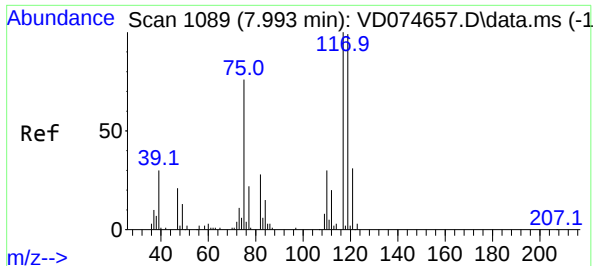
Tgt Ion:113 Resp: 68226
Ion Ratio Lower Upper
113 100
111 101.6 82.3 123.5
192 20.0 16.4 24.6



#36
1,1-Dichloropropene
Concen: 4.593 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VD074664.D
Acq: 28 Oct 2022 11:50

Tgt Ion: 75 Resp: 8842
Ion Ratio Lower Upper
75 100
110 7.5 19.7 59.0#
77 0.0 25.4 38.2#

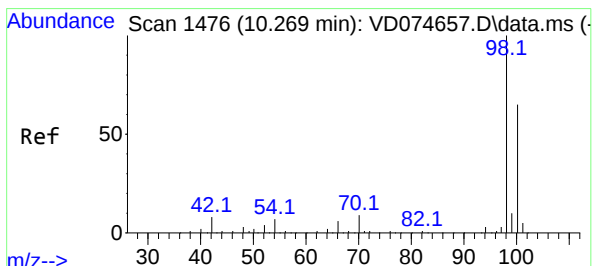
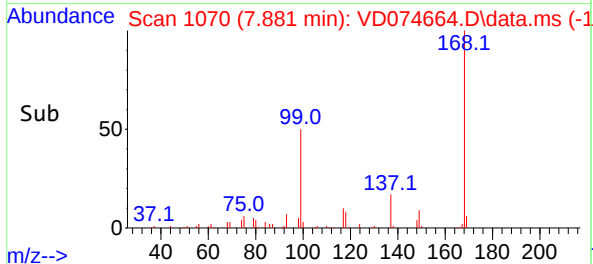
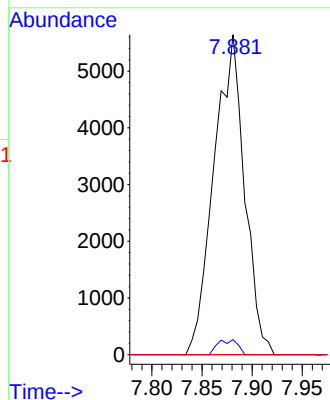
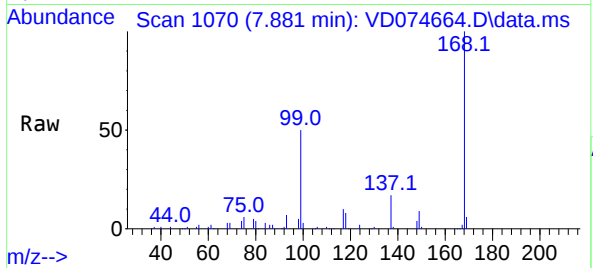




#38
Carbon Tetrachloride
Concen: 6.683 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.112 min
Lab File: VD074664.D
Acq: 28 Oct 2022 11:50

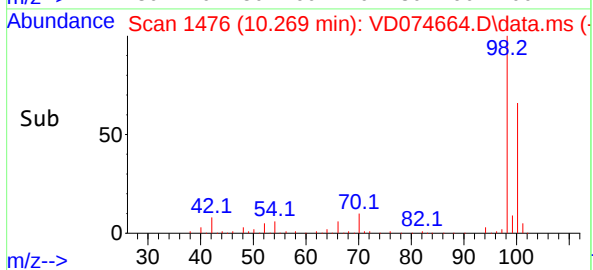
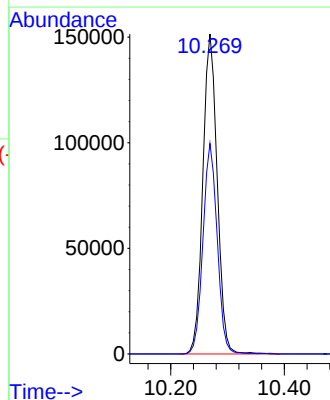
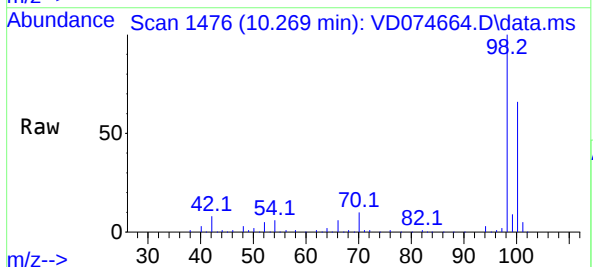
Instrument :
MSVOA_D
ClientSampleId :
VD1028SBL01

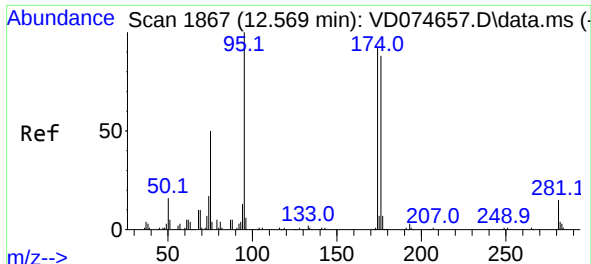
Tgt Ion:117 Resp: 11954
Ion Ratio Lower Upper
117 100
119 4.7 73.1 109.7#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.176 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD074664.D
Acq: 28 Oct 2022 11:50

Tgt Ion: 98 Resp: 265889
Ion Ratio Lower Upper
98 100
100 65.1 51.4 77.0

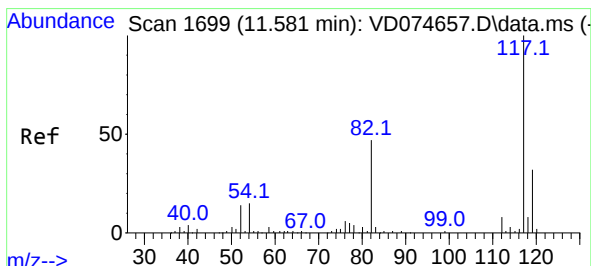
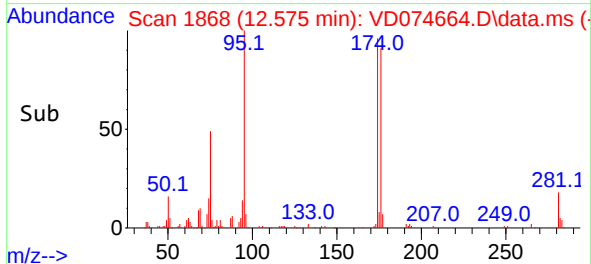
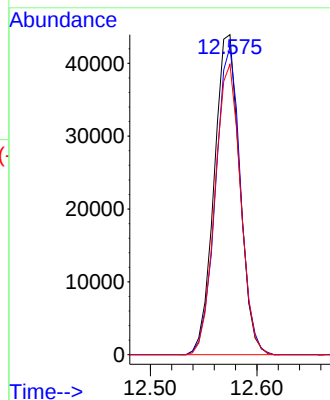
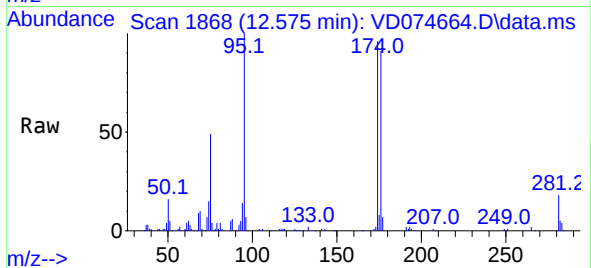




#62
4-Bromofluorobenzene
Concen: 51.241 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD074664.D
Acq: 28 Oct 2022 11:50

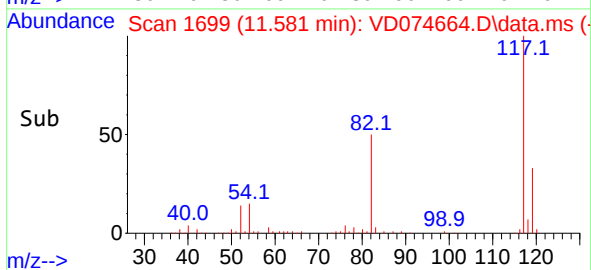
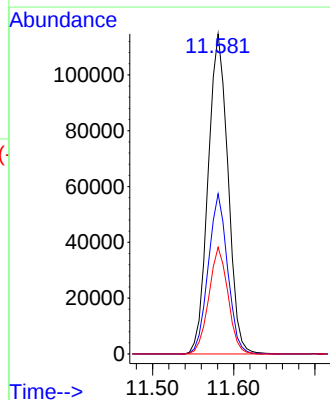
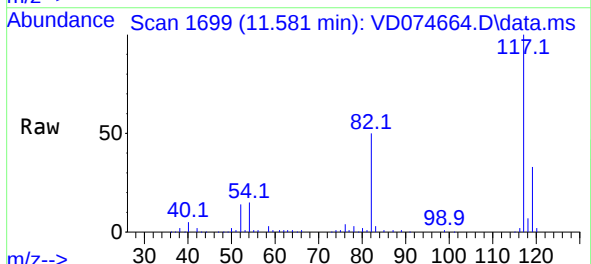
Instrument :
MSVOA_D
ClientSampleId :
VD1028SBL01

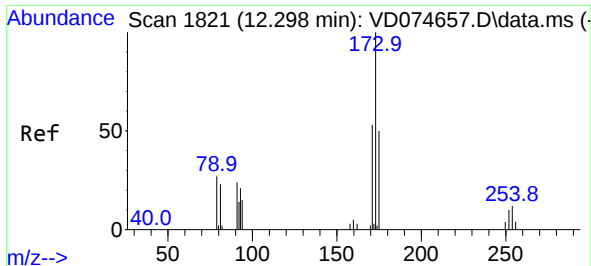
Tgt Ion: 95 Resp: 73116
Ion Ratio Lower Upper
95 100
174 93.5 0.0 197.0
176 90.5 0.0 182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074664.D
Acq: 28 Oct 2022 11:50

Tgt Ion: 117 Resp: 194946
Ion Ratio Lower Upper
117 100
82 50.0 41.6 62.4
119 33.4 25.2 37.8

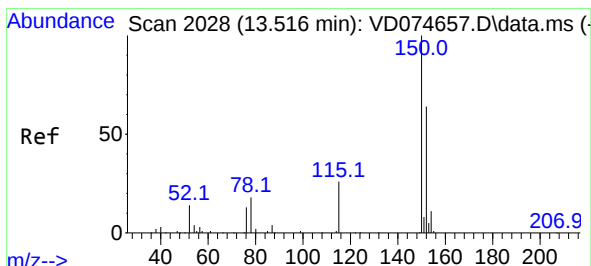
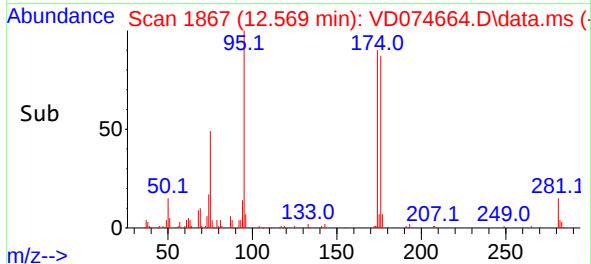
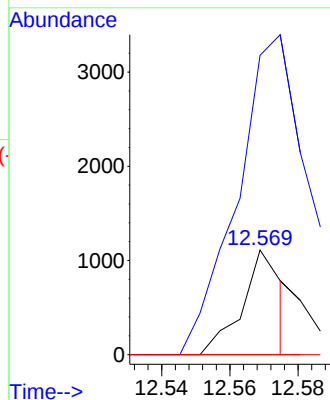
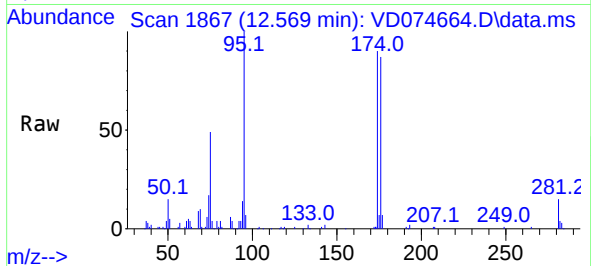




#71
Bromoform
Concen: 1.324 ug/l
RT: 12.569 min Scan# 1821
Delta R.T. 0.271 min
Lab File: VD074664.D
Acq: 28 Oct 2022 11:50

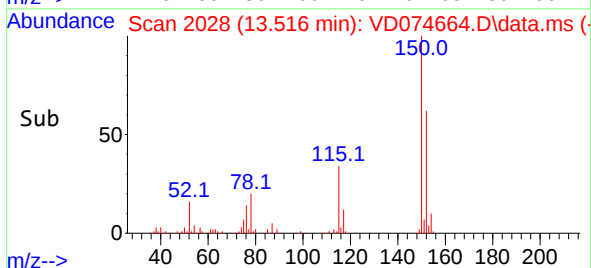
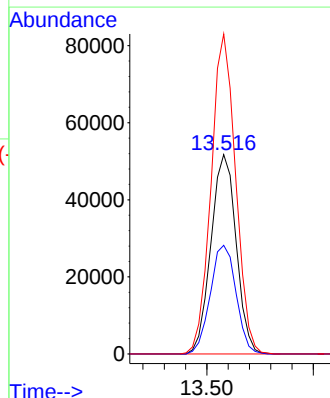
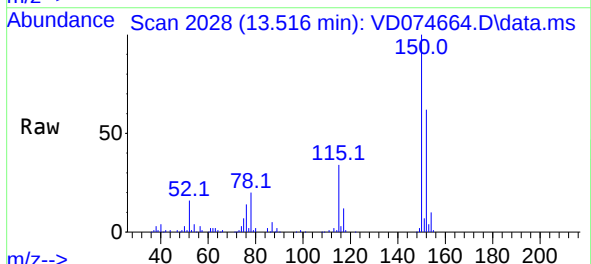
Instrument :
MSVOA_D
ClientSampleId :
VD1028SBL01

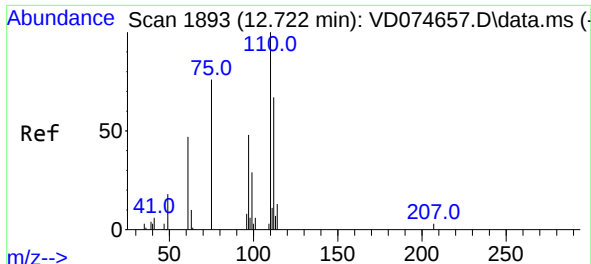
Tgt Ion:173 Resp: 891
Ion Ratio Lower Upper
173 100
175 0.0 23.1 69.3#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD074664.D
Acq: 28 Oct 2022 11:50

Tgt Ion:152 Resp: 84921
Ion Ratio Lower Upper
152 100
115 55.6 26.8 80.4
150 156.1 0.0 348.2

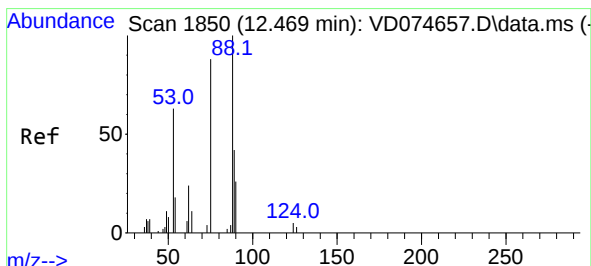
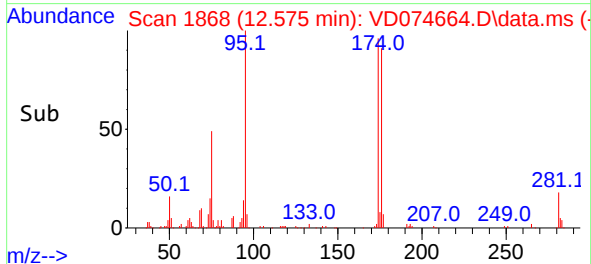
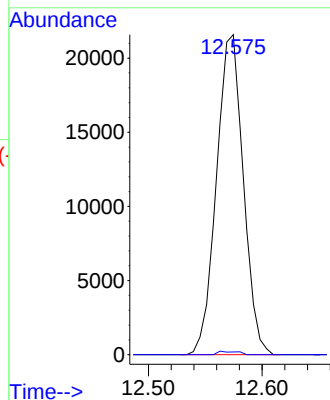
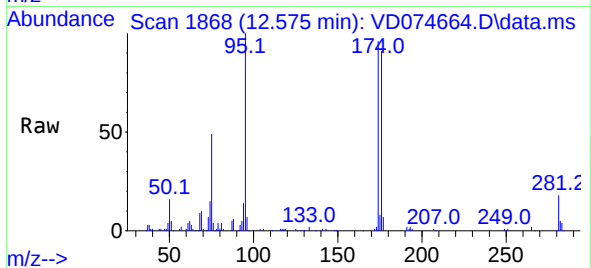




#76
1,2,3-Trichloropropane
Concen: 53.376 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074664.D
Acq: 28 Oct 2022 11:50

Instrument :
MSVOA_D
ClientSampleId :
VD1028SBL01

Tgt Ion: 75 Resp: 35451
Ion Ratio Lower Upper
75 100
77 0.8 185.8 557.5#



#81
trans-1,4-Dichloro-2-butene
Concen: 141.264 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074664.D
Acq: 28 Oct 2022 11:50

Tgt Ion: 75 Resp: 35451
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.2 38.2 57.4#

