

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD110822\
 Data File : VD074799.D
 Acq On : 08 Nov 2022 12:49
 Operator : VA/SY
 Sample : N5415-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Nov 08 14:48:59 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 03 02:30:45 2022
 Response via : Initial Calibration

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

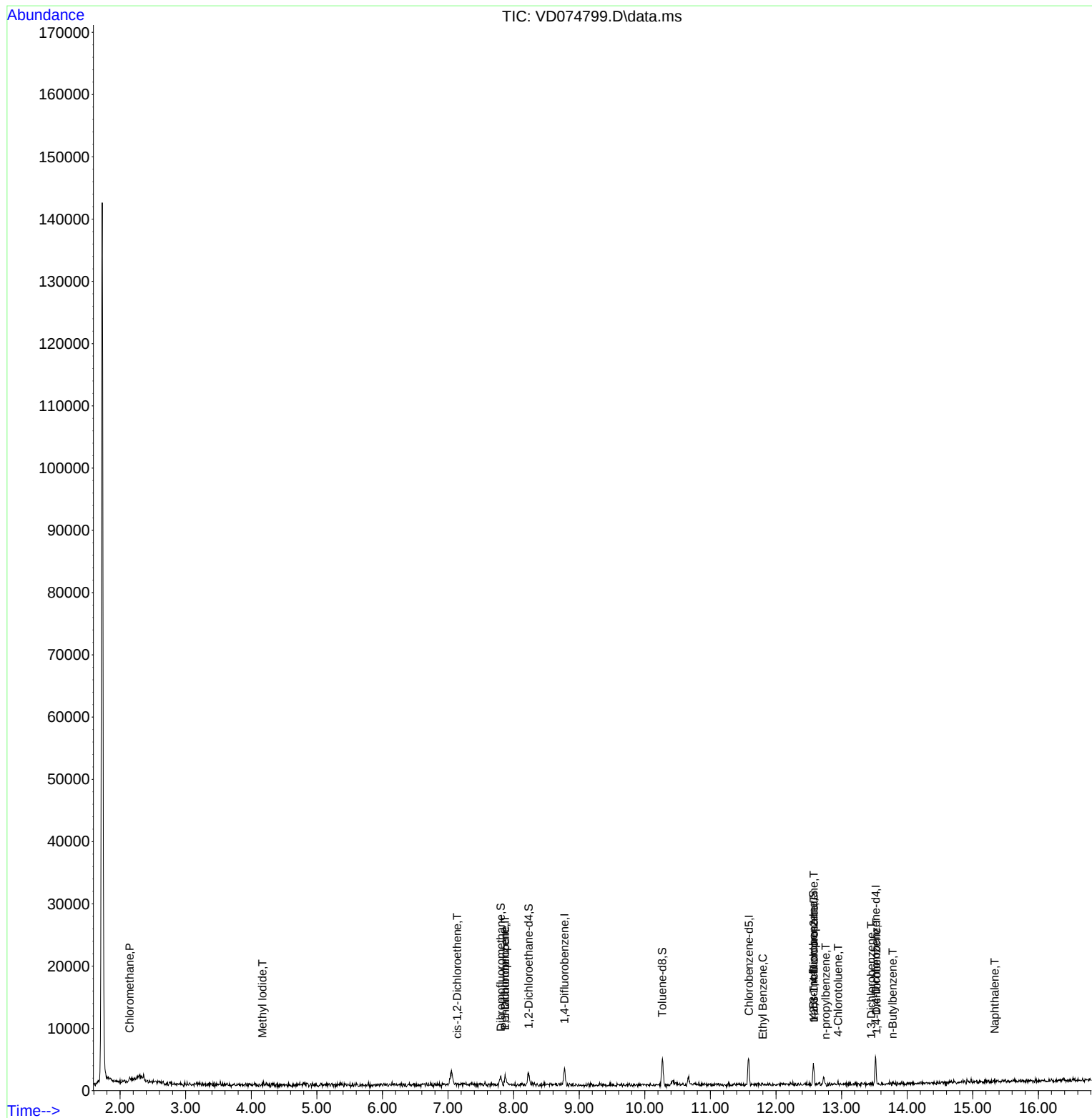
Internal Standards						
1) Pentafluorobenzene	7.869	168	1917	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	3578	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	3537	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	1451	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	1733	114.141	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 228.280%#		
35) Dibromofluoromethane	7.805	113	1376	65.012	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 130.020%		
50) Toluene-d8	10.263	98	3909	50.632	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 101.260%		
62) 4-Bromofluorobenzene	12.569	95	1348	60.471	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 120.940%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	260	10.348	ug/l	# 62
10) Methyl Iodide	4.169	142	119	9.567	ug/l	# 43
27) cis-1,2-Dichloroethene	7.140	96	55	2.197	ug/l	# 1
36) 1,1-Dichloropropene	7.869	75	68	2.117	ug/l	# 39
67) Ethyl Benzene	11.798	91	173	1.394	ug/l	# 41
76) 1,2,3-Trichloropropane	12.575	75	447	39.740	ug/l	# 1
78) n-propylbenzene	12.757	91	244	1.921	ug/l	# 52
81) trans-1,4-Dichloro-2-b...	12.575	75	447	94.332	ug/l	# 17
82) 4-Chlorotoluene	12.945	91	125	1.757	ug/l	# 37
87) 1,3-Dichlorobenzene	13.451	146	110	2.173	ug/l	# 26
88) 1,4-Dichlorobenzene	13.534	146	129	2.593	ug/l	# 25
89) n-Butylbenzene	13.781	91	116	1.310	ug/l	# 33
95) Naphthalene	15.334	128	395	7.726	ug/l	# 69

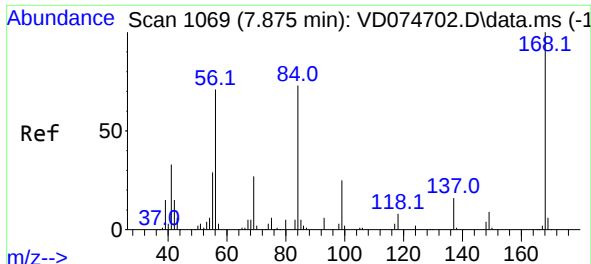
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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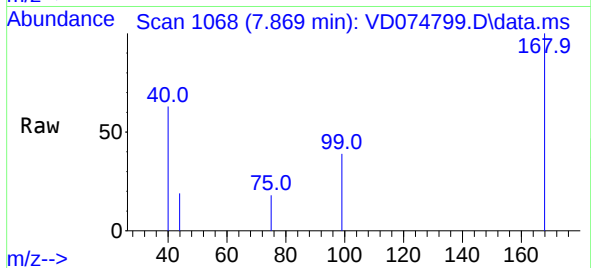
Quant Time: Nov 08 14:48:59 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D110222S.M
Quant Title : SW846 8260
QLast Update : Thu Nov 03 02:30:45 2022
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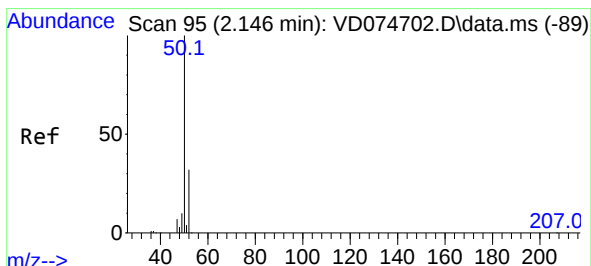
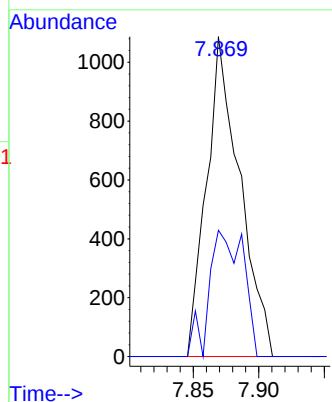
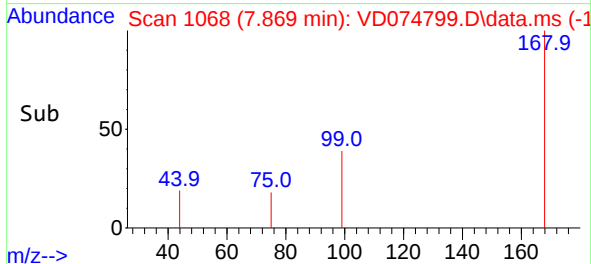


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD074799.D
Acq: 08 Nov 2022 12:49

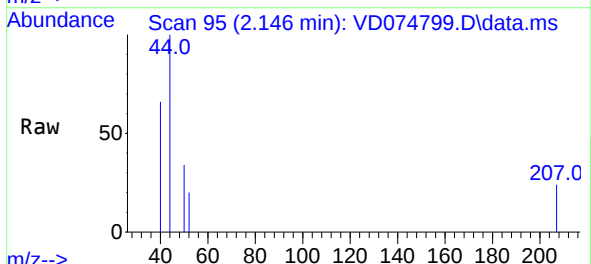
Instrument :
MSVOA_D
ClientSampleId :



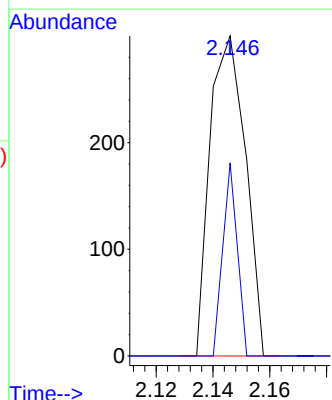
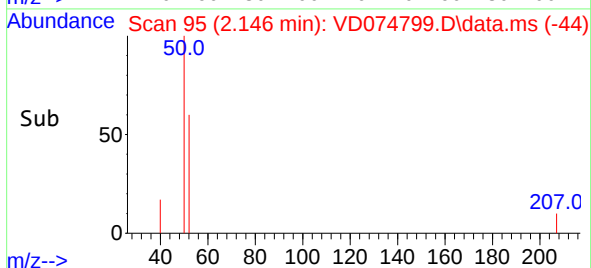
Tgt Ion:168 Resp: 1917
Ion Ratio Lower Upper
168 100
99 39.5 40.9 61.3#

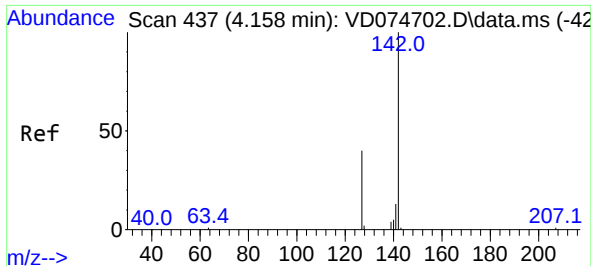


#3
Chloromethane
Concen: 10.348 ug/l
RT: 2.146 min Scan# 95
Delta R.T. 0.000 min
Lab File: VD074799.D
Acq: 08 Nov 2022 12:49



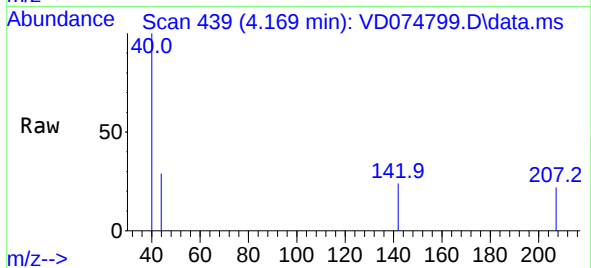
Tgt Ion: 50 Resp: 260
Ion Ratio Lower Upper
50 100
52 60.3 30.0 45.0#



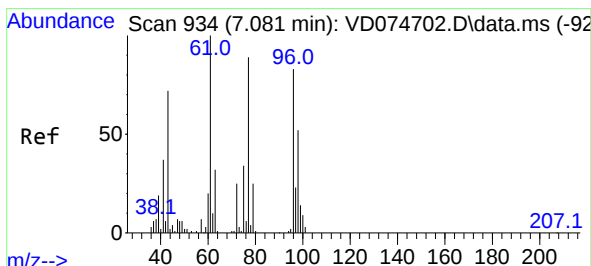
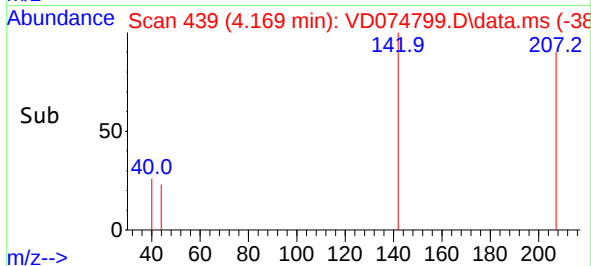
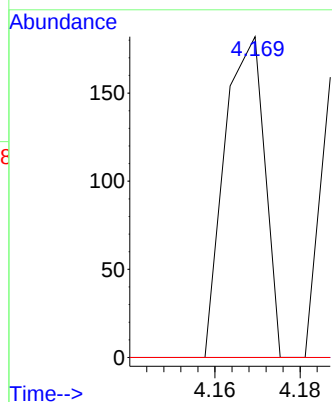


#10
Methyl Iodide
Concen: 9.567 ug/l
RT: 4.169 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD074799.D
Acq: 08 Nov 2022 12:49

Instrument :
MSVOA_D
ClientSampleId :

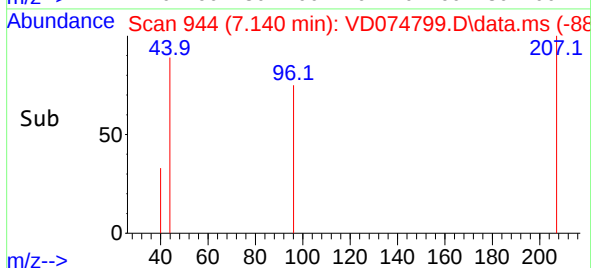
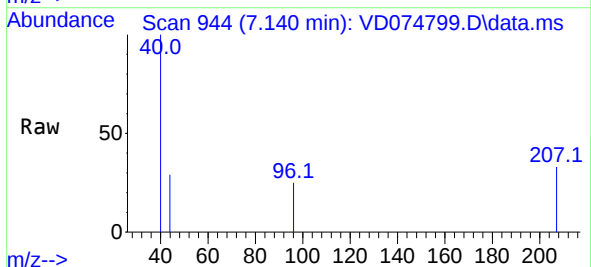
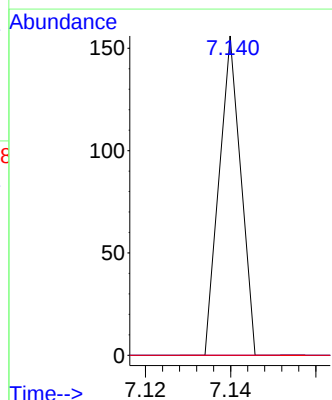


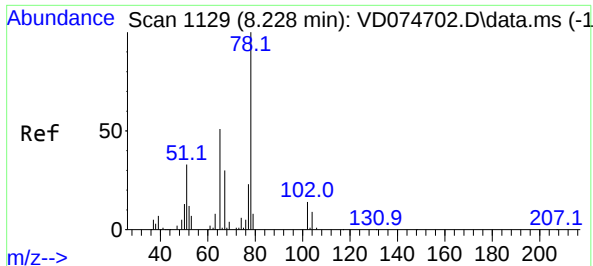
Tgt Ion:142 Resp: 119
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#



#27
cis-1,2-Dichloroethene
Concen: 2.197 ug/l
RT: 7.140 min Scan# 944
Delta R.T. 0.059 min
Lab File: VD074799.D
Acq: 08 Nov 2022 12:49

Tgt Ion: 96 Resp: 55
Ion Ratio Lower Upper
96 100
61 0.0 0.0 242.4
98 0.0 0.0 130.0





#33

1,2-Dichloroethane-d4

Concen: 114.141 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD074799.D

Acq: 08 Nov 2022 12:49

Instrument :

MSVOA_D

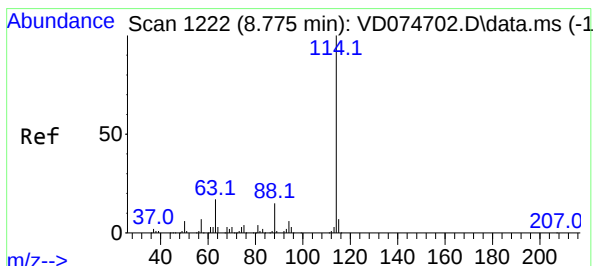
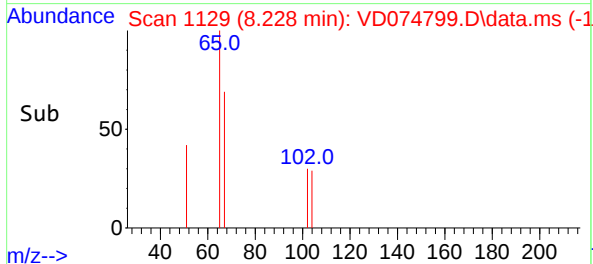
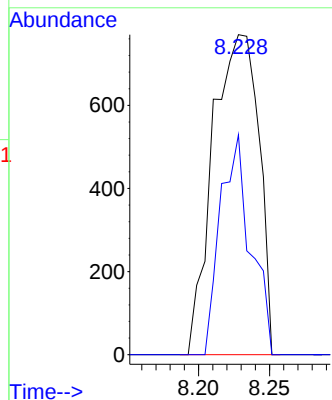
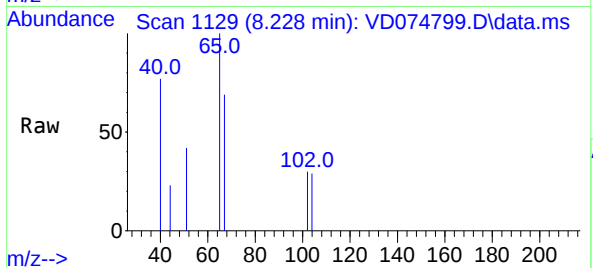
ClientSampleId :

Tgt Ion: 65 Resp: 1733

Ion Ratio Lower Upper

65 100

67 45.2 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: VD074799.D

Acq: 08 Nov 2022 12:49

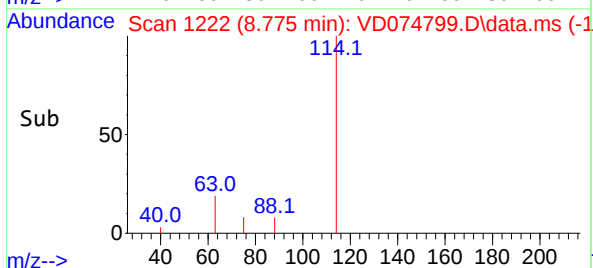
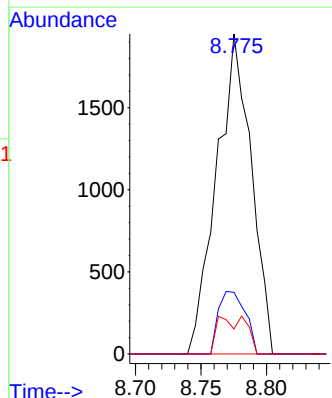
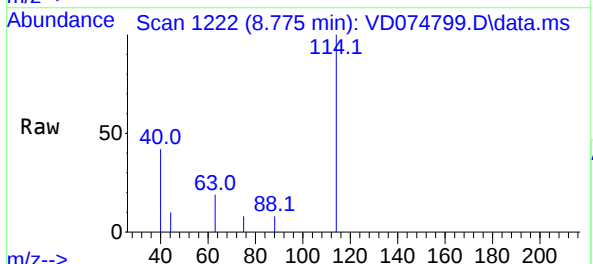
Tgt Ion:114 Resp: 3578

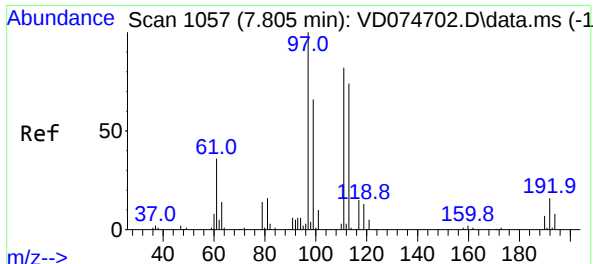
Ion Ratio Lower Upper

114 100

63 19.3 0.0 33.2

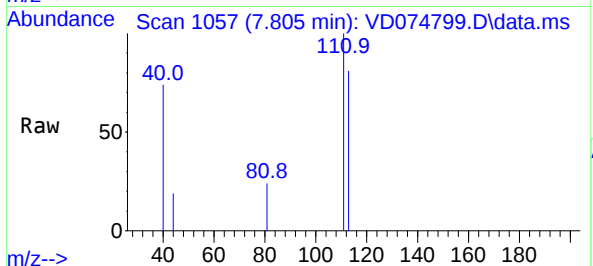
88 7.8 0.0 28.2



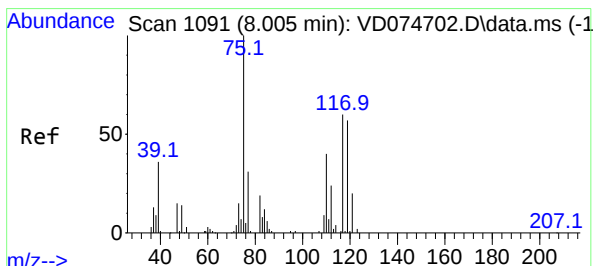
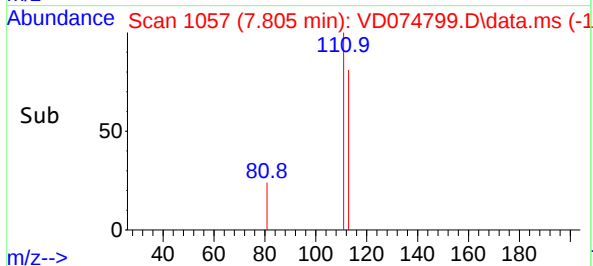
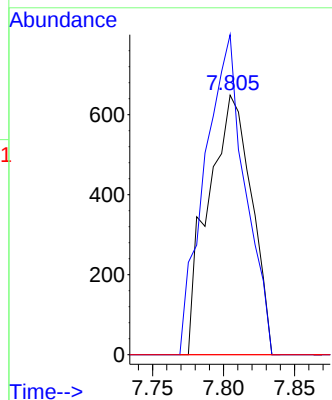


#35
Dibromofluoromethane
Concen: 65.012 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD074799.D
Acq: 08 Nov 2022 12:49

Instrument :
MSVOA_D
ClientSampleId :

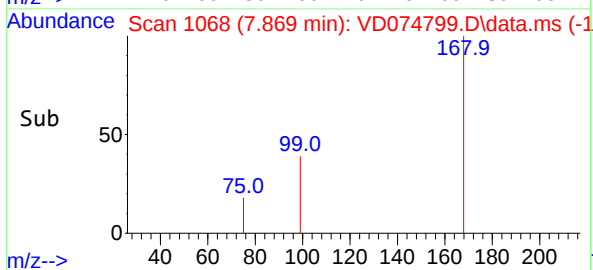
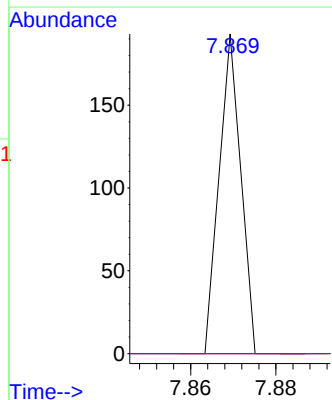
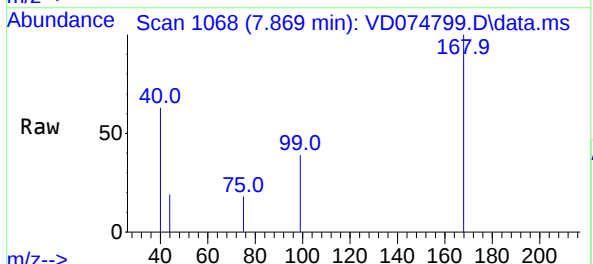


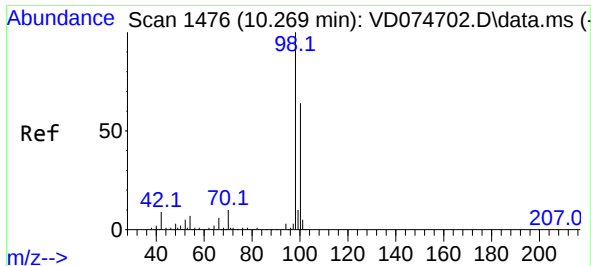
Tgt Ion:113 Resp: 1376
Ion Ratio Lower Upper
113 100
111 114.9 82.3 123.5
192 0.0 16.4 24.6#



#36
1,1-Dichloropropene
Concen: 2.117 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VD074799.D
Acq: 08 Nov 2022 12:49

Tgt Ion: 75 Resp: 68
Ion Ratio Lower Upper
75 100
110 0.0 19.7 59.0#
77 0.0 25.4 38.2#

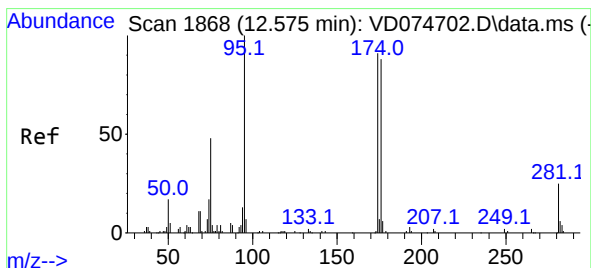
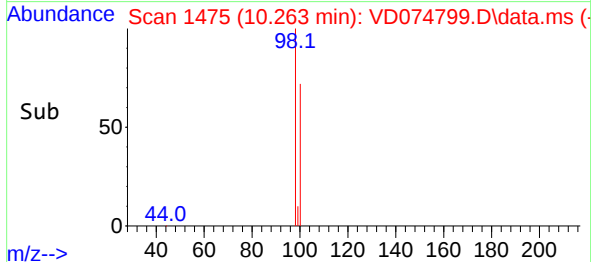
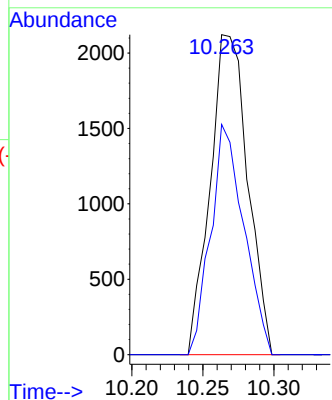
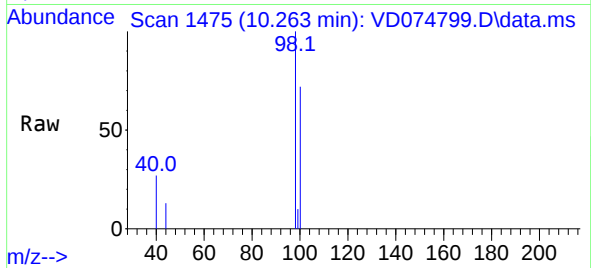




#50
Toluene-d8
Concen: 50.632 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD074799.D
Acq: 08 Nov 2022 12:49

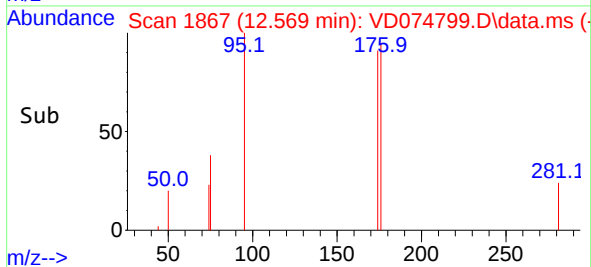
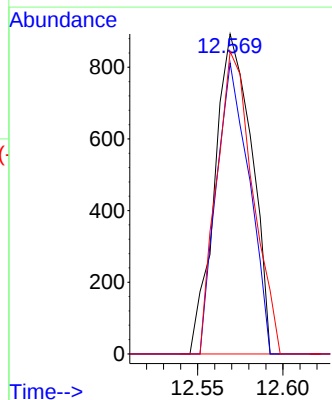
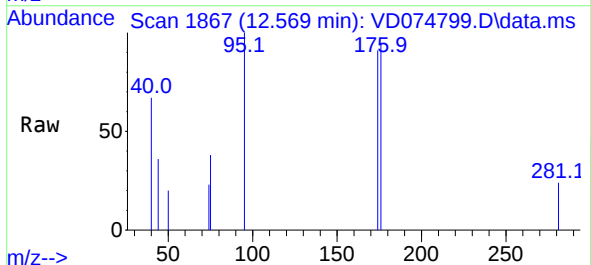
Instrument :
MSVOA_D
ClientSampleId :

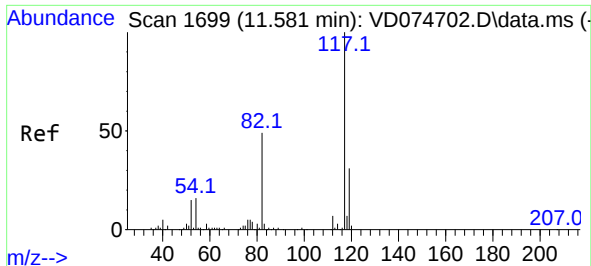
Tgt Ion: 98 Resp: 3909
Ion Ratio Lower Upper
98 100
100 63.5 51.4 77.0



#62
4-Bromofluorobenzene
Concen: 60.471 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.006 min
Lab File: VD074799.D
Acq: 08 Nov 2022 12:49

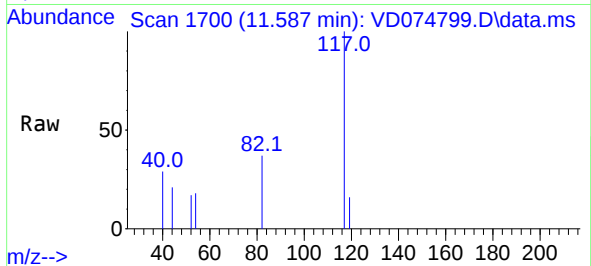
Tgt Ion: 95 Resp: 1348
Ion Ratio Lower Upper
95 100
174 80.3 0.0 197.0
176 91.9 0.0 182.6



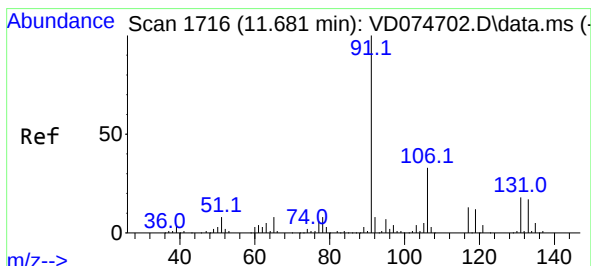
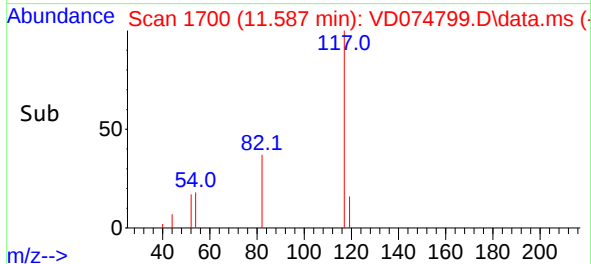
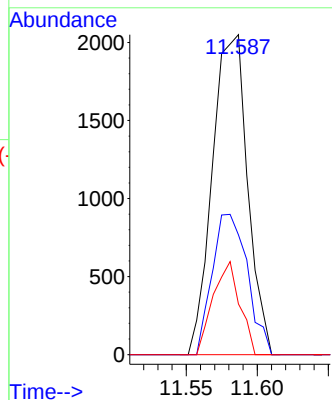


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD074799.D
Acq: 08 Nov 2022 12:49

Instrument :
MSVOA_D
ClientSampleId :

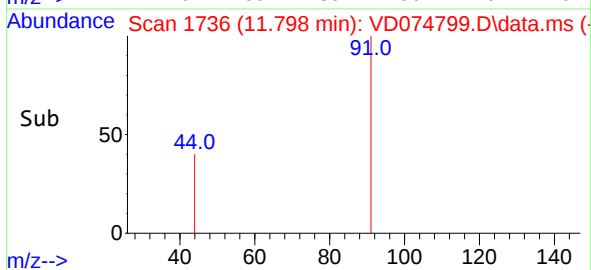
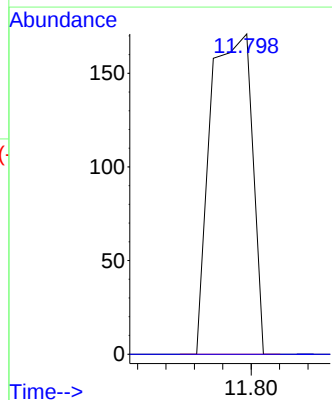
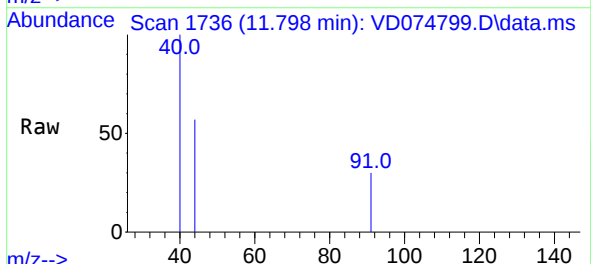


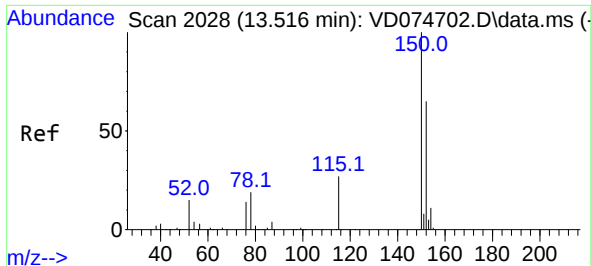
Tgt Ion:117 Resp: 3537
Ion Ratio Lower Upper
117 100
82 37.4 41.6 62.4#
119 15.9 25.2 37.8#



#67
Ethyl Benzene
Concen: 1.394 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.117 min
Lab File: VD074799.D
Acq: 08 Nov 2022 12:49

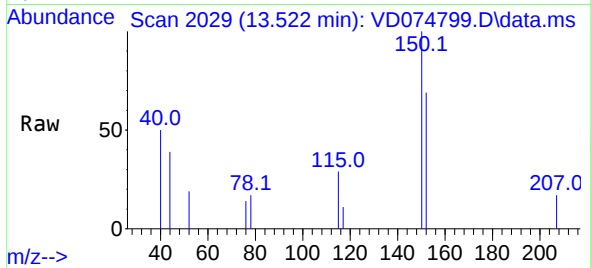
Tgt Ion: 91 Resp: 173
Ion Ratio Lower Upper
91 100
106 0.0 26.6 40.0#



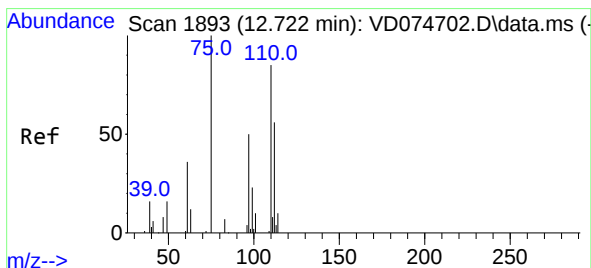
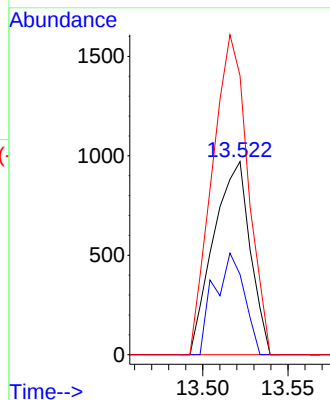
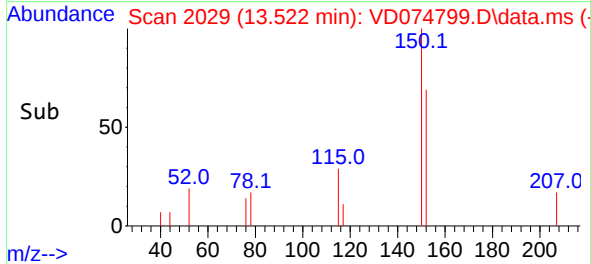


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074799.D
Acq: 08 Nov 2022 12:49

Instrument :
MSVOA_D
ClientSampleId :

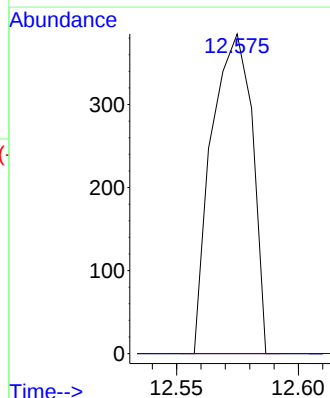
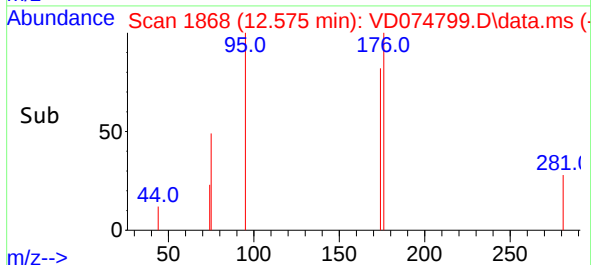
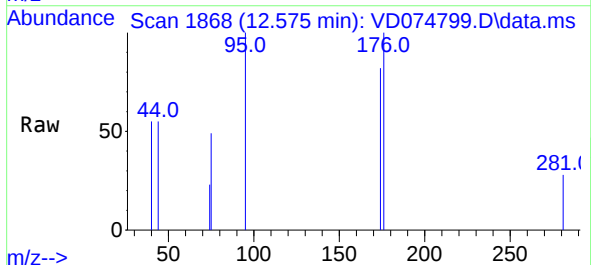


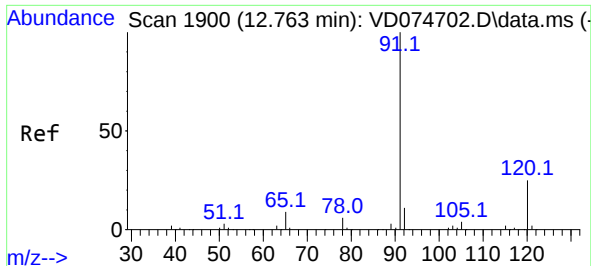
Tgt Ion:152 Resp: 1451
Ion Ratio Lower Upper
152 100
115 43.1 26.8 80.4
150 161.3 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 39.740 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD074799.D
Acq: 08 Nov 2022 12:49

Tgt Ion: 75 Resp: 447
Ion Ratio Lower Upper
75 100
77 0.0 185.8 557.5#

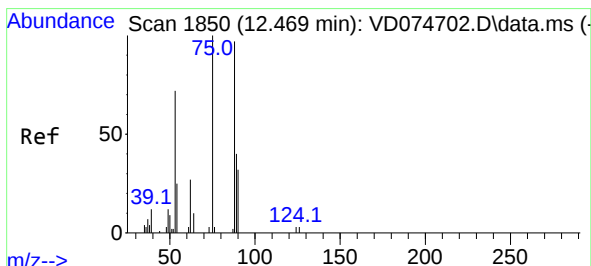
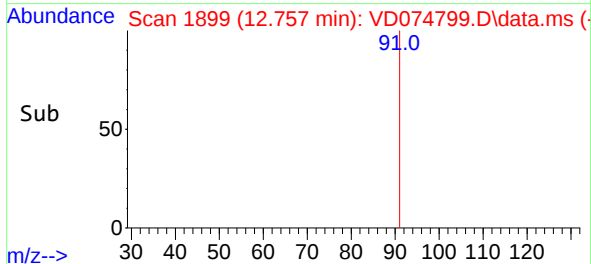
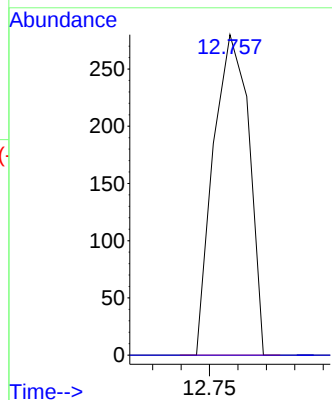
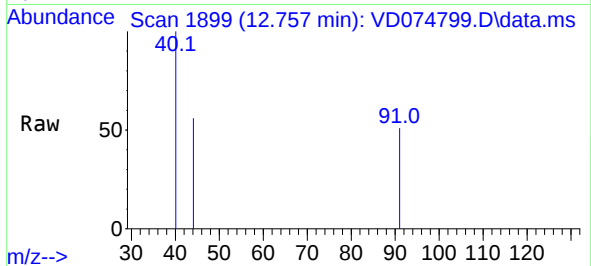




#78
n-propylbenzene
Concen: 1.921 ug/l
RT: 12.757 min Scan# 1899
Delta R.T. -0.006 min
Lab File: VD074799.D
Acq: 08 Nov 2022 12:49

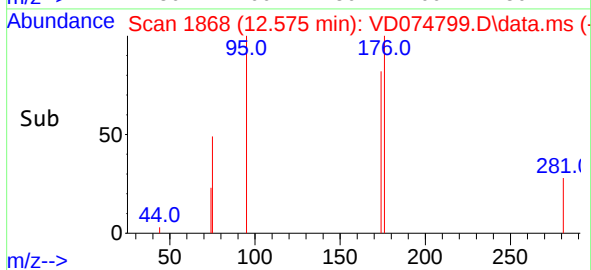
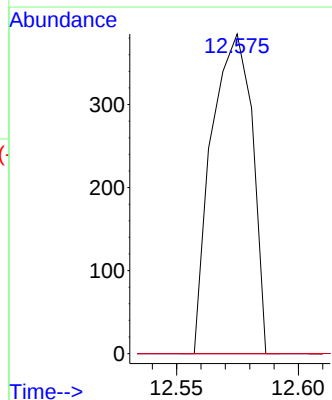
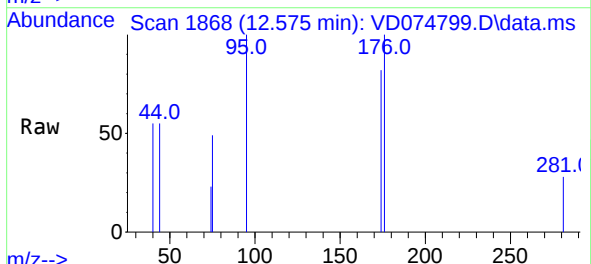
Instrument :
MSVOA_D
ClientSampleId :

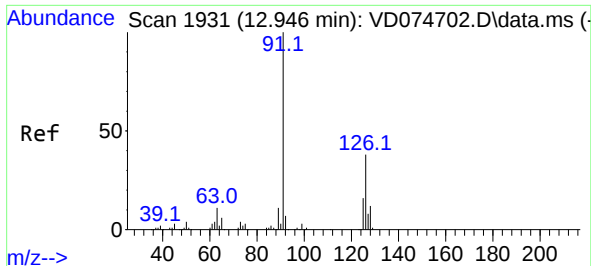
Tgt Ion: 91 Resp: 244
Ion Ratio Lower Upper
91 100
120 0.0 11.9 35.7#



#81
trans-1,4-Dichloro-2-butene
Concen: 94.332 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD074799.D
Acq: 08 Nov 2022 12:49

Tgt Ion: 75 Resp: 447
Ion Ratio Lower Upper
75 100
53 0.0 63.8 95.6#
89 0.0 38.2 57.4#

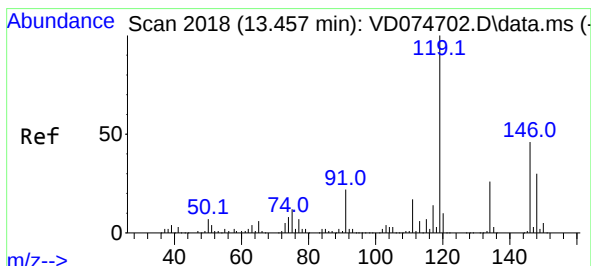
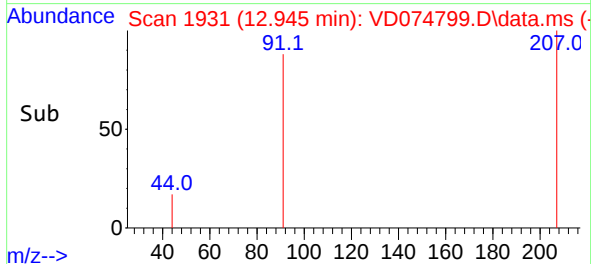
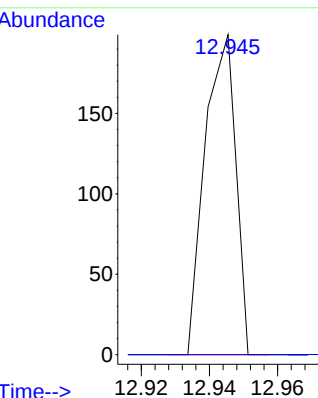
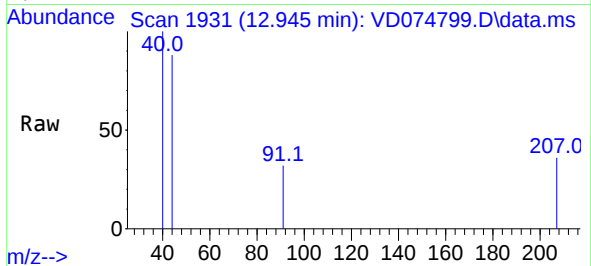




#82
4-Chlorotoluene
Concen: 1.757 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.001 min
Lab File: VD074799.D
Acq: 08 Nov 2022 12:49

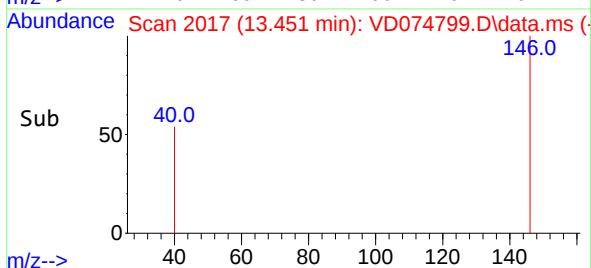
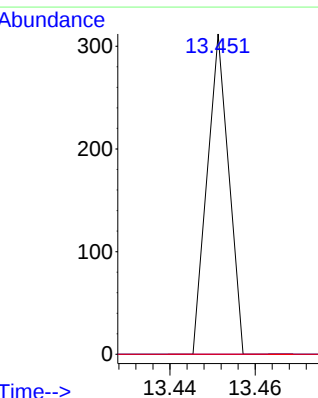
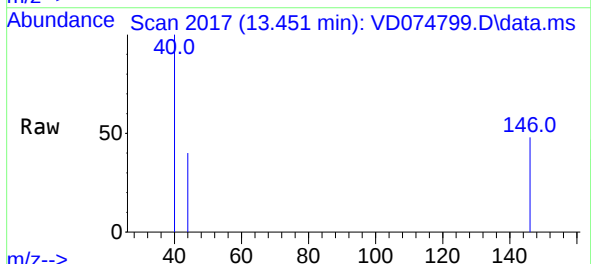
Instrument :
MSVOA_D
ClientSampleId :

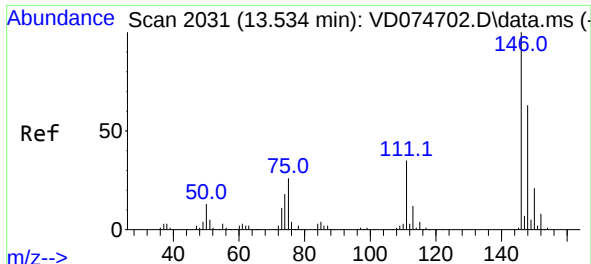
Tgt Ion: 91 Resp: 125
Ion Ratio Lower Upper
91 100
126 0.0 18.8 56.4#



#87
1,3-Dichlorobenzene
Concen: 2.173 ug/l
RT: 13.451 min Scan# 2017
Delta R.T. -0.006 min
Lab File: VD074799.D
Acq: 08 Nov 2022 12:49

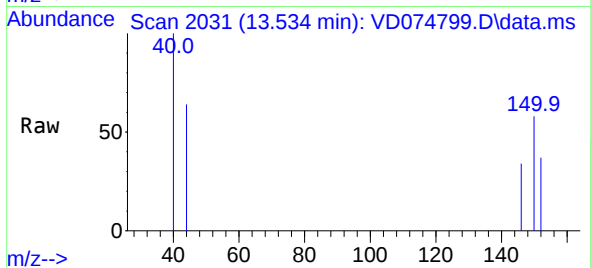
Tgt Ion:146 Resp: 110
Ion Ratio Lower Upper
146 100
111 0.0 18.3 54.8#
148 0.0 31.8 95.4#



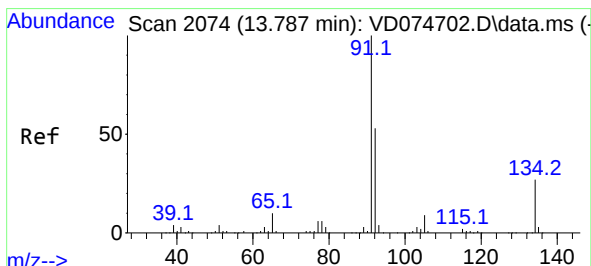
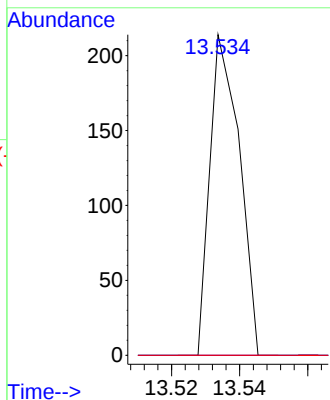
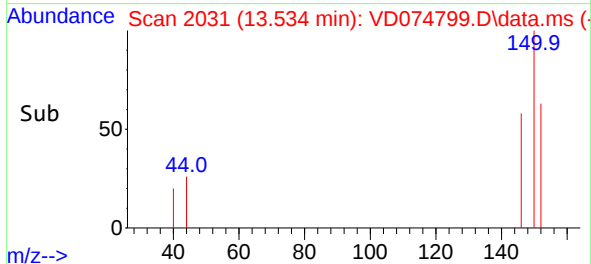


#88
1,4-Dichlorobenzene
Concen: 2.593 ug/l
RT: 13.534 min Scan# 2031
Delta R.T. -0.000 min
Lab File: VD074799.D
Acq: 08 Nov 2022 12:49

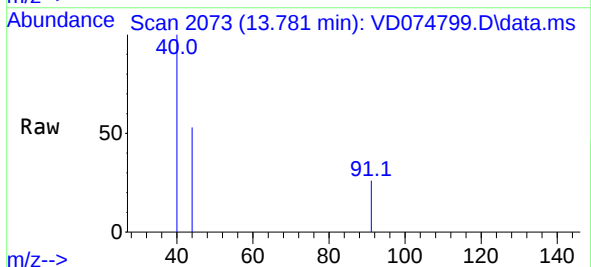
Instrument :
MSVOA_D
ClientSampleId :



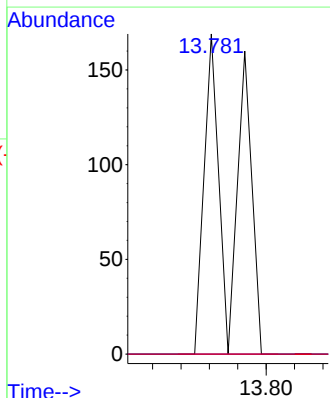
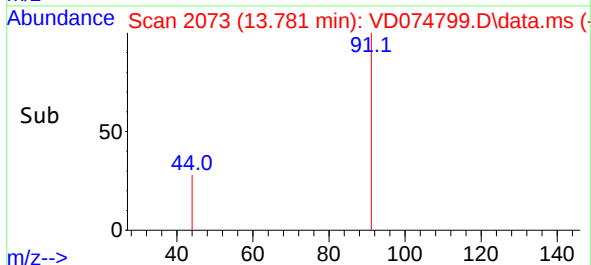
Tgt Ion:146 Resp: 129
Ion Ratio Lower Upper
146 100
111 0.0 17.7 53.1#
148 0.0 32.3 96.9#

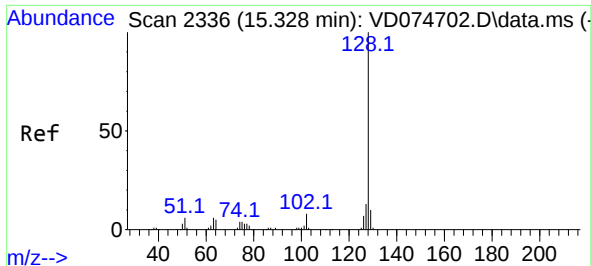


#89
n-Butylbenzene
Concen: 1.310 ug/l
RT: 13.781 min Scan# 2073
Delta R.T. -0.006 min
Lab File: VD074799.D
Acq: 08 Nov 2022 12:49



Tgt Ion: 91 Resp: 116
Ion Ratio Lower Upper
91 100
92 0.0 26.9 80.7#
134 0.0 13.4 40.2#





#95

Naphthalene

Concen: 7.726 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.006 min

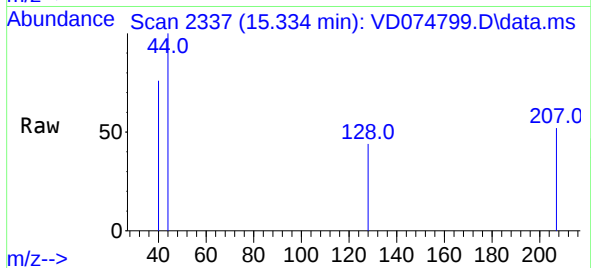
Lab File: VD074799.D

Acq: 08 Nov 2022 12:49

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	128	Resp:	395
Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	16.0#
129	0.0	8.3	12.5#

