

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122822\
 Data File : VD075067.D
 Acq On : 28 Dec 2022 15:51
 Operator : KP/SY
 Sample : N6219-04
 Misc : 4.63G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-12016

Quant Time: Dec 29 03:51:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D12222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 23 05:54:19 2022
 Response via : Initial Calibration

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

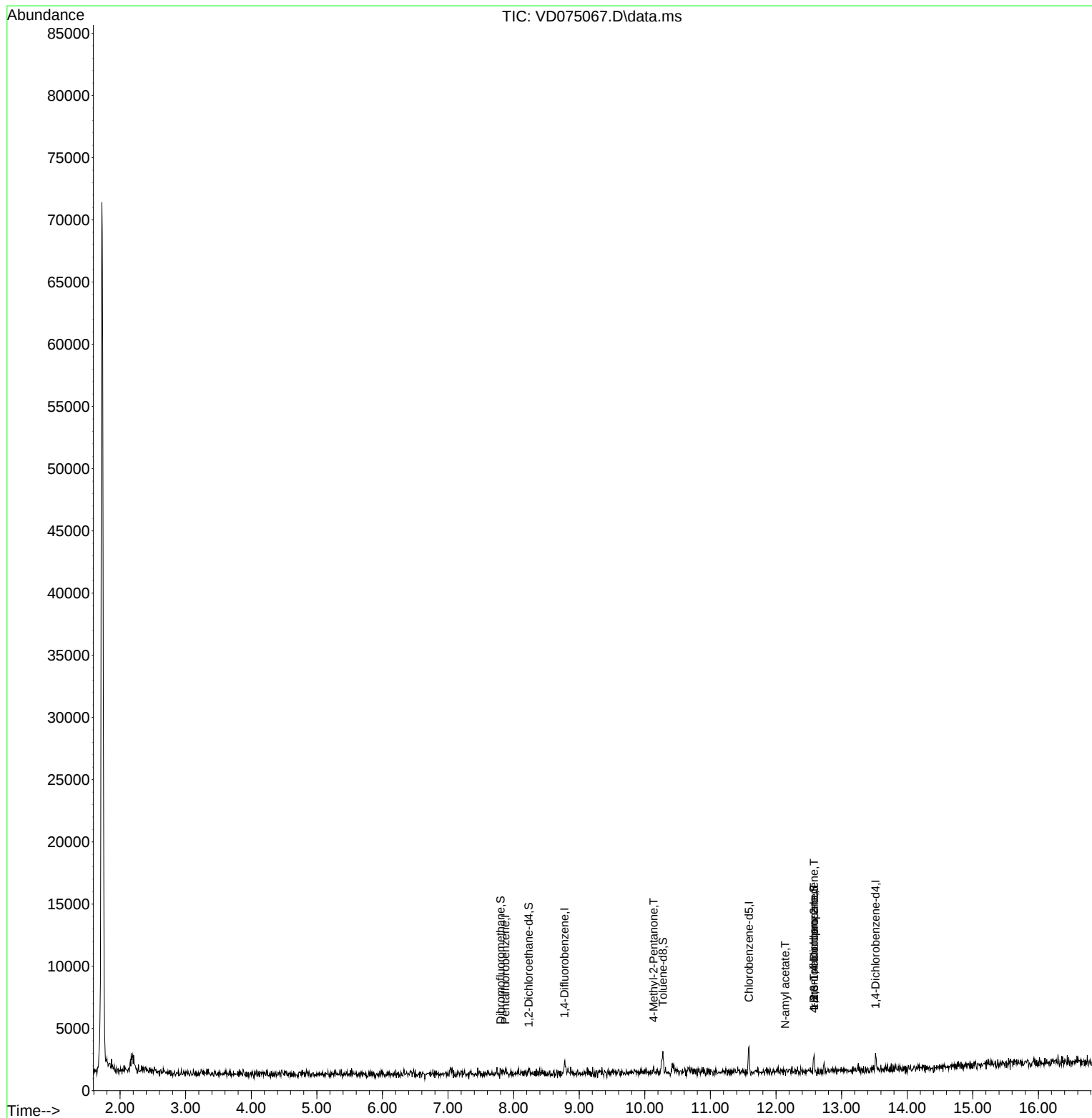
Internal Standards						
1) Pentafluorobenzene	7.875	168	314	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	1240	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	1185	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	349	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	310	101.002	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	202.000%#
35) Dibromofluoromethane	7.799	113	129	17.679	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	35.360%#
50) Toluene-d8	10.275	98	1491	50.573	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.140%
62) 4-Bromofluorobenzene	12.575	95	585	61.249	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	122.500%
Target Compounds						
						Qvalue
51) 4-Methyl-2-Pentanone	10.134	43	55	11.625	ug/l	# 31
74) N-amyl acetate	12.140	43	54	7.951	ug/l	# 37
76) 1,2,3-Trichloropropane	12.581	75	233	65.112	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.581	75	233	150.906	ug/l	# 19

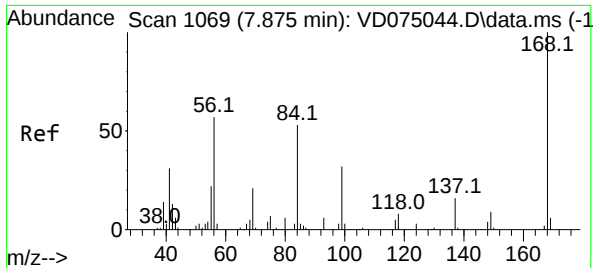
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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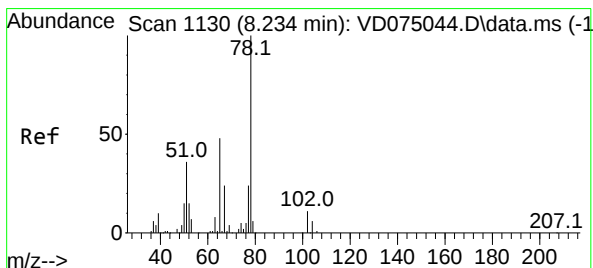
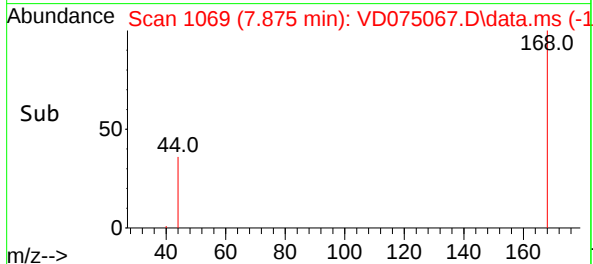
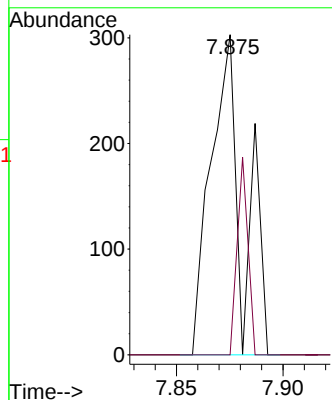
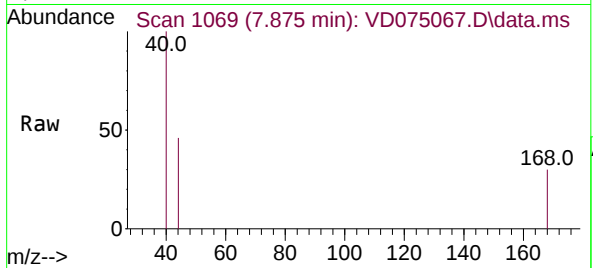




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD075067.D
Acq: 28 Dec 2022 15:51

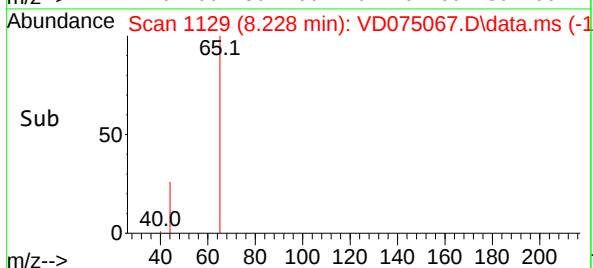
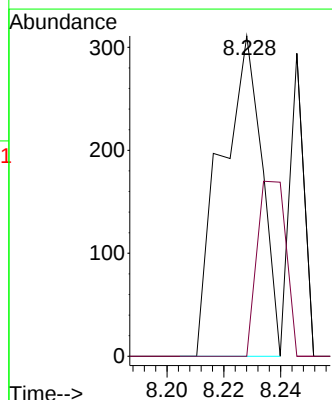
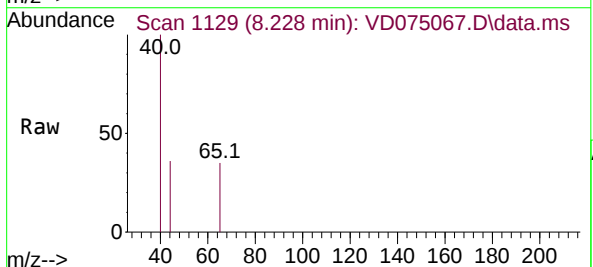
Instrument :
MSVOA_D
ClientSampleId :
72-12016

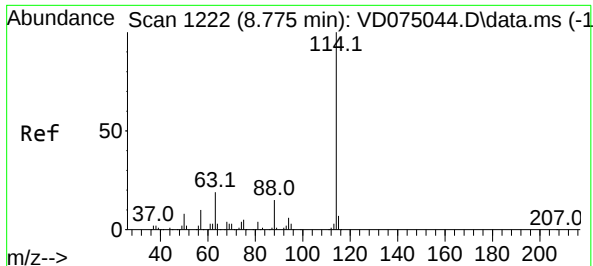
Tgt Ion:168 Resp: 314
Ion Ratio Lower Upper
168 100
99 0.0 40.3 60.5#



#33
1,2-Dichloroethane-d4
Concen: 101.002 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD075067.D
Acq: 28 Dec 2022 15:51

Tgt Ion: 65 Resp: 310
Ion Ratio Lower Upper
65 100
67 38.7 0.0 111.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 114

Delta R.T. 0.000 min

Lab File: VD075067.D

Acq: 28 Dec 2022 15:51

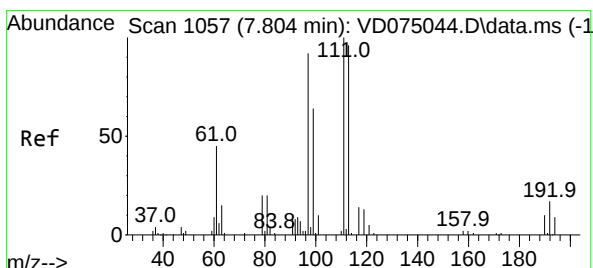
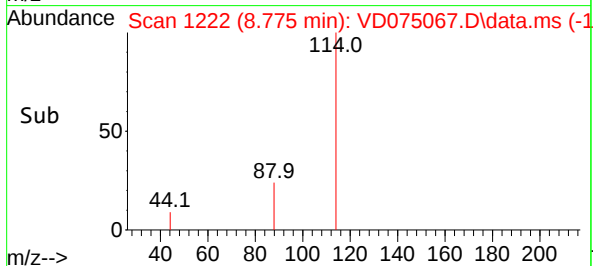
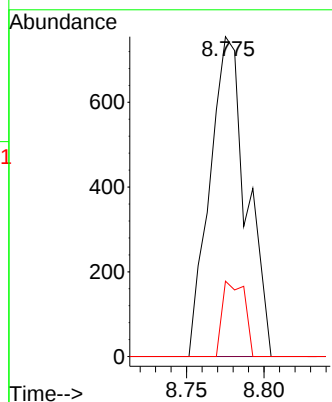
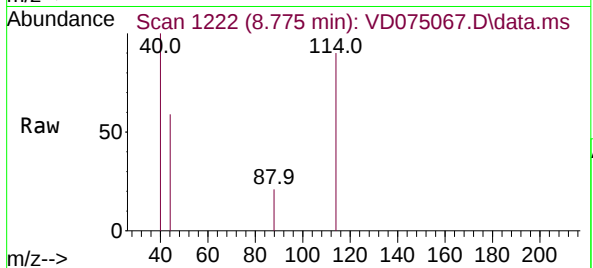
Instrument :

MSVOA_D

ClientSampleId :

72-12016

Tgt Ion:114	Resp:	1240
Ion	Ratio	Lower Upper
114	100	
63	0.0	0.0 33.8
88	23.6	0.0 27.8



#35

Dibromofluoromethane

Concen: 17.679 ug/l

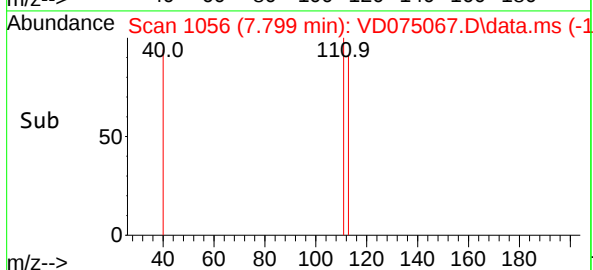
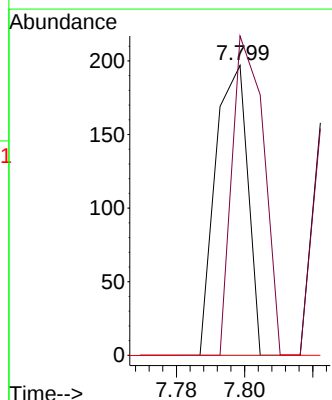
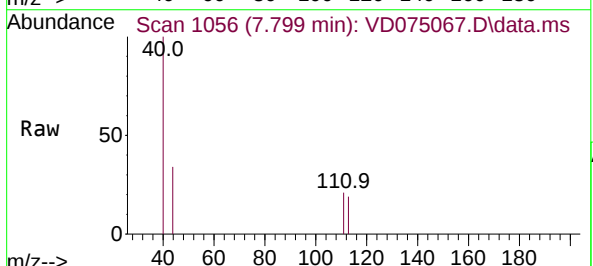
RT: 7.799 min Scan# 1056

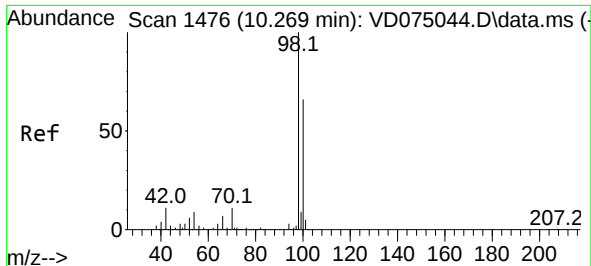
Delta R.T. -0.006 min

Lab File: VD075067.D

Acq: 28 Dec 2022 15:51

Tgt Ion:113	Resp:	129
Ion	Ratio	Lower Upper
113	100	
111	107.8	82.1 123.1
192	0.0	15.1 22.7

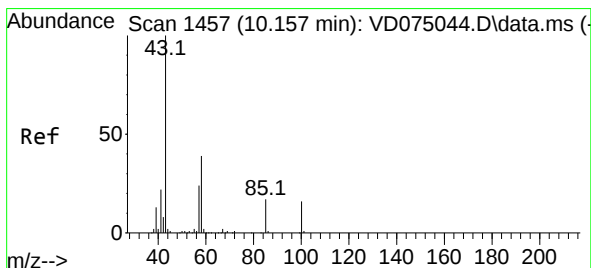
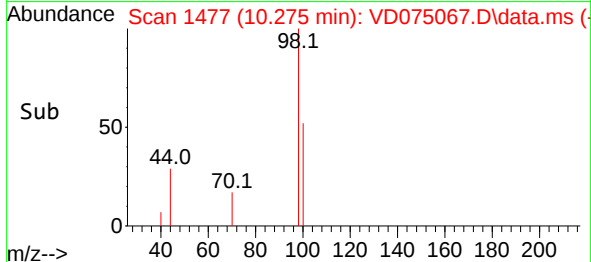
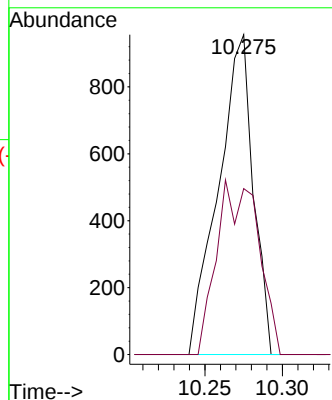
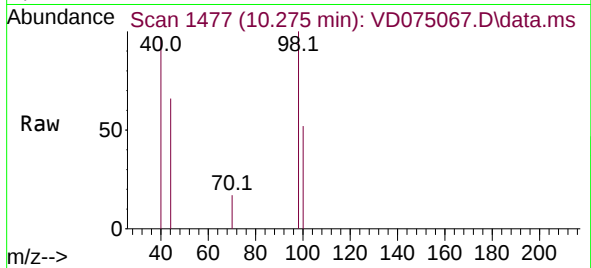




#50
Toluene-d8
Concen: 50.573 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD075067.D
Acq: 28 Dec 2022 15:51

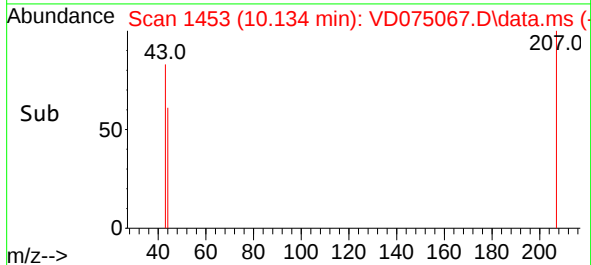
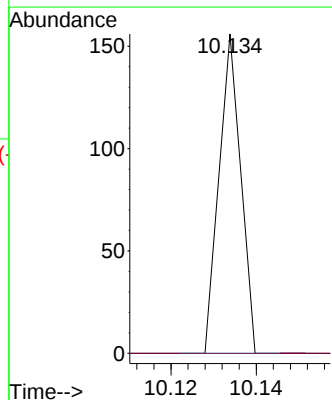
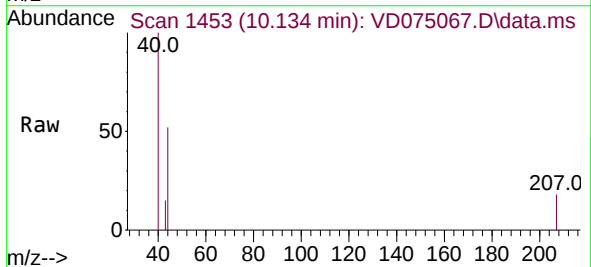
Instrument :
MSVOA_D
ClientSampleId :
72-12016

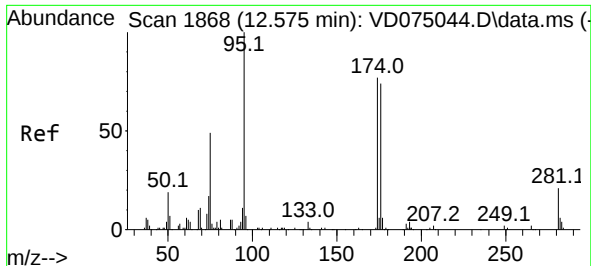
Tgt Ion: 98 Resp: 1491
Ion Ratio Lower Upper
98 100
100 65.2 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 11.625 ug/l
RT: 10.134 min Scan# 1453
Delta R.T. -0.023 min
Lab File: VD075067.D
Acq: 28 Dec 2022 15:51

Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
58 0.0 35.7 53.5#

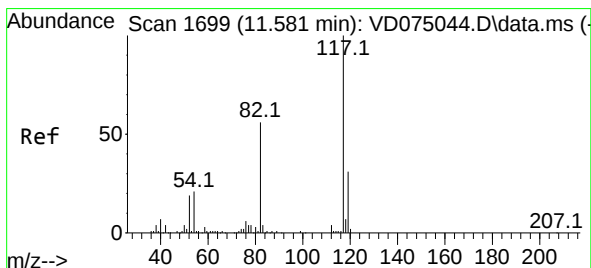
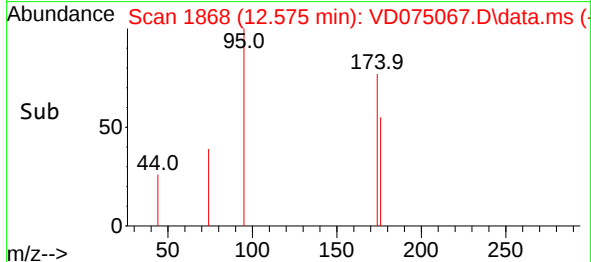
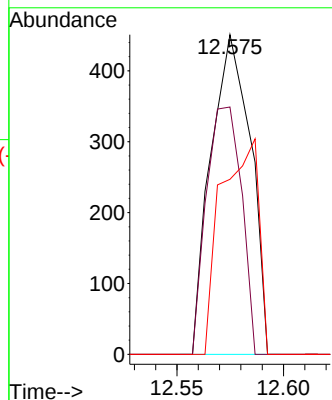
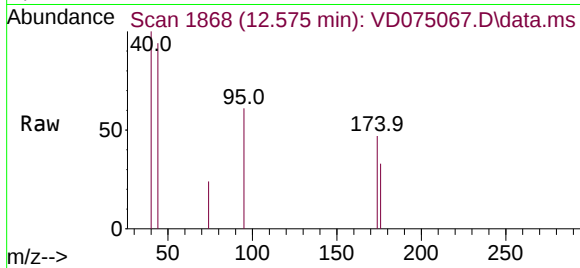




#62
4-Bromofluorobenzene
Concen: 61.249 ug/l
RT: 12.575 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075067.D
Acq: 28 Dec 2022 15:51

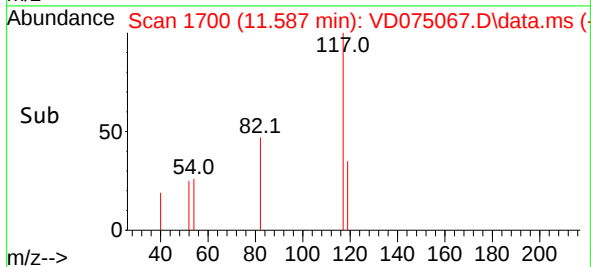
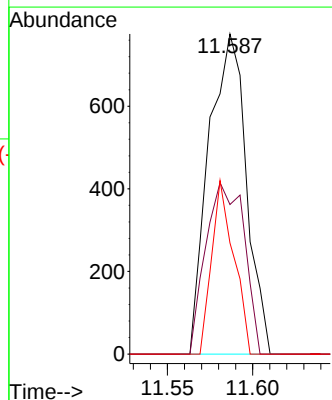
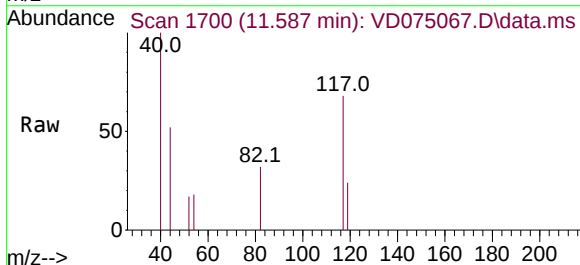
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ClientSampleId :
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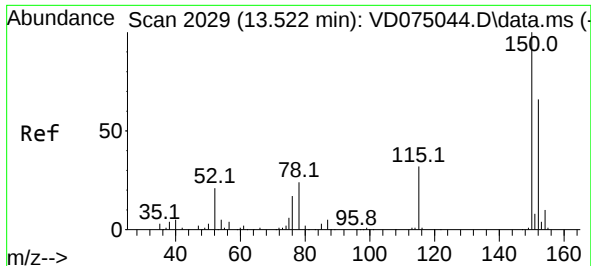
Tgt Ion: 95 Resp: 585
Ion Ratio Lower Upper
95 100
174 68.2 0.0 171.2
176 63.8 0.0 165.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1700
Delta R.T. 0.006 min
Lab File: VD075067.D
Acq: 28 Dec 2022 15:51

Tgt Ion: 117 Resp: 1185
Ion Ratio Lower Upper
117 100
82 46.7 40.9 61.3
119 34.7 25.5 38.3

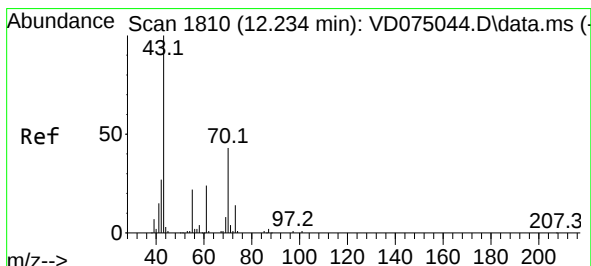
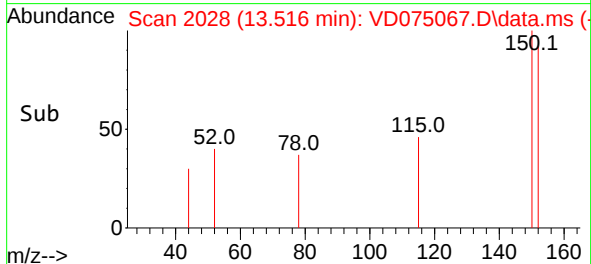
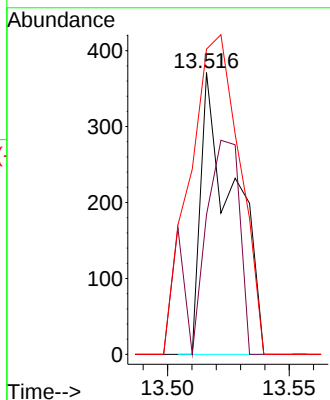
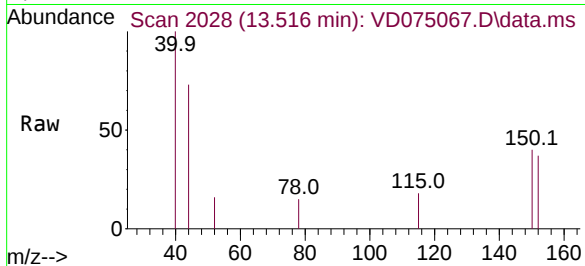




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD075067.D
 Acq: 28 Dec 2022 15:51

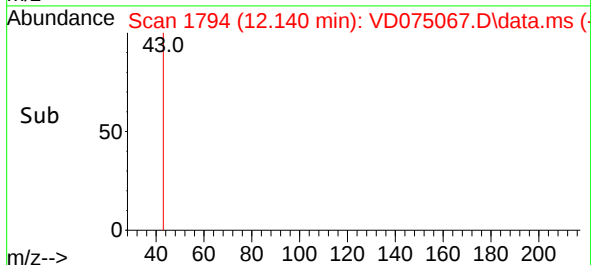
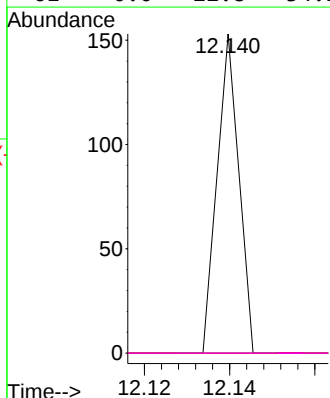
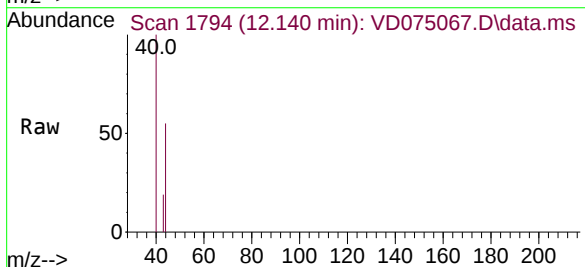
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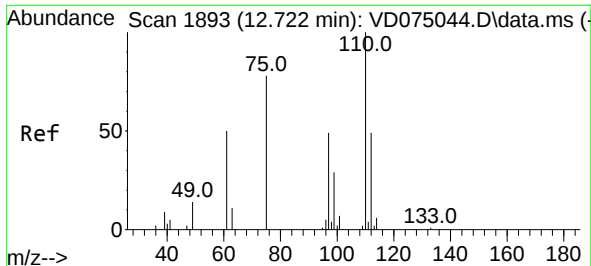
Tgt Ion:152 Resp: 349
 Ion Ratio Lower Upper
 152 100
 115 92.0 28.8 86.5#
 150 172.5 0.0 354.2



#74
 N-ethyl acetate
 Concen: 7.951 ug/l
 RT: 12.140 min Scan# 1794
 Delta R.T. -0.094 min
 Lab File: VD075067.D
 Acq: 28 Dec 2022 15:51

Tgt Ion: 43 Resp: 54
 Ion Ratio Lower Upper
 43 100
 70 0.0 40.6 60.8#
 55 0.0 22.0 33.0#
 61 0.0 22.8 34.2#

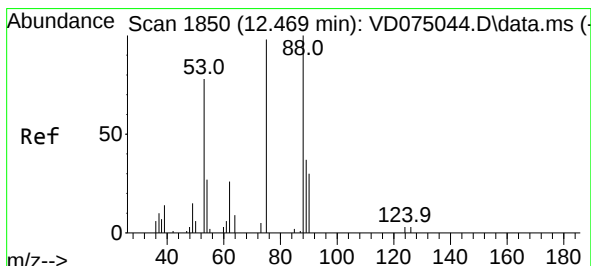
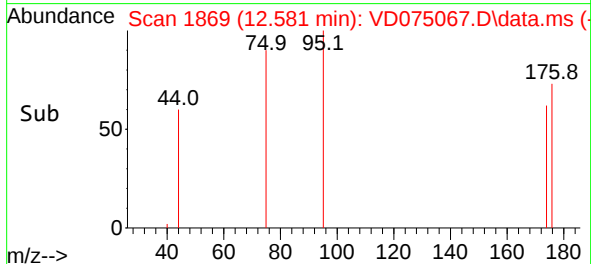
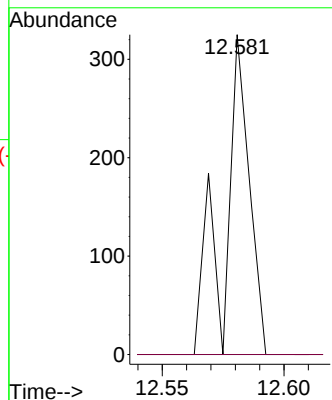
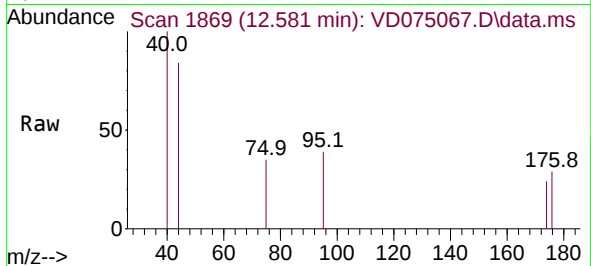




#76
1,2,3-Trichloropropane
Concen: 65.112 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. -0.141 min
Lab File: VD075067.D
Acq: 28 Dec 2022 15:51

Instrument :
MSVOA_D
ClientSampleId :
72-12016

Tgt Ion: 75 Resp: 233
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 150.906 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.112 min
Lab File: VD075067.D
Acq: 28 Dec 2022 15:51

Tgt Ion: 75 Resp: 233
Ion Ratio Lower Upper
75 100
53 0.0 60.0 90.0#
89 0.0 37.4 56.0#

