

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD060623\
 Data File : VD076344.D
 Acq On : 06 Jun 2023 17:02
 Operator : KP/SY
 Sample : OI3047-04
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB33A

Quant Time: Jun 07 06:11:38 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 06 02:52:23 2023
 Response via : Initial Calibration

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

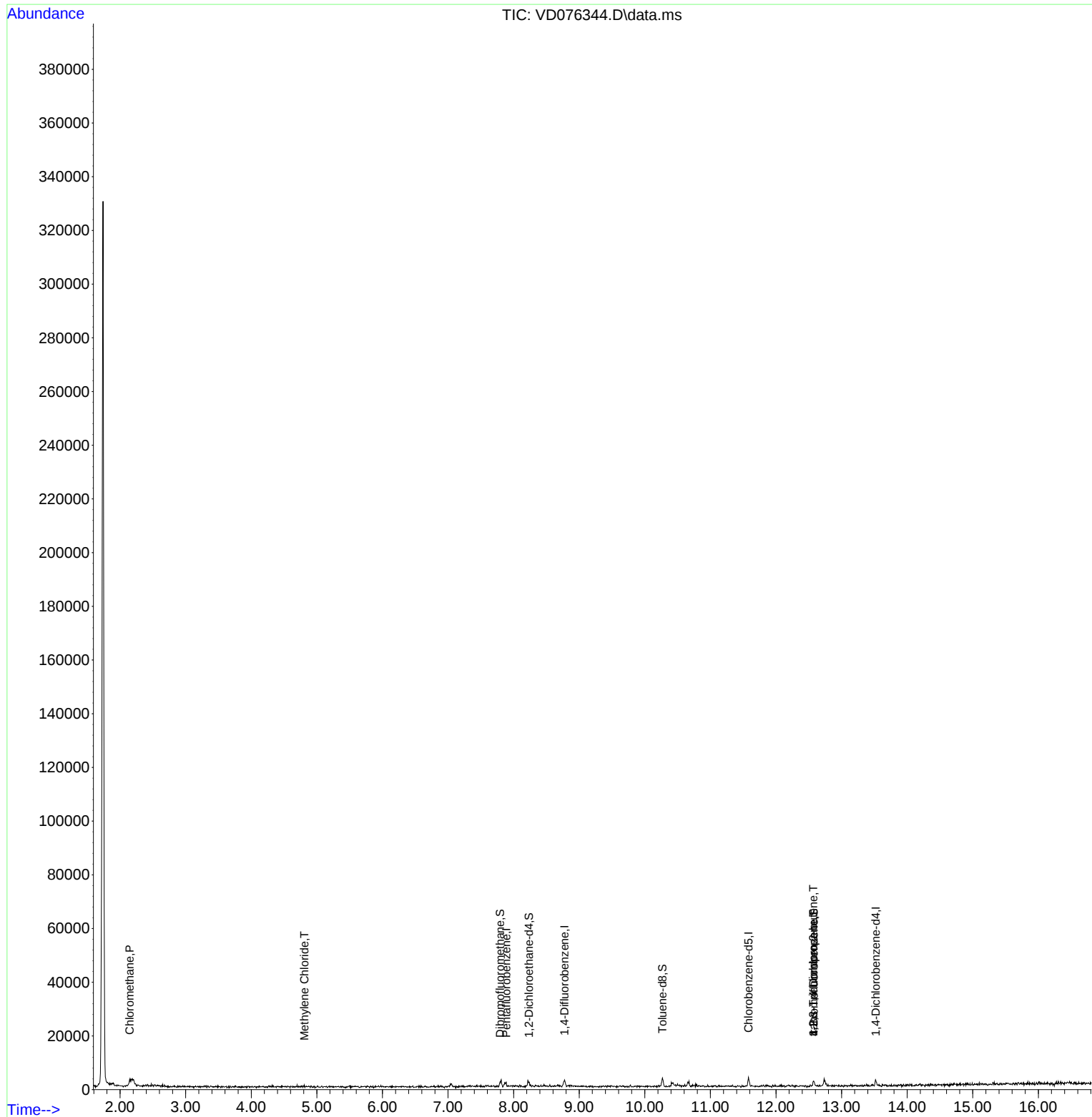
Internal Standards						
1) Pentafluorobenzene	7.887	168	1600	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.775	114	3068	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	2332	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	989	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	1690	117.886	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 235.780%#	
35) Dibromofluoromethane	7.793	113	1543	79.210	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	= 158.420%#	
50) Toluene-d8	10.269	98	2703	34.851	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 69.700%	
62) 4-Bromofluorobenzene	12.575	95	703	34.251	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 68.500%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.146	50	94	3.157	ug/l	# 41
20) Methylene Chloride	4.811	84	127	1.675	ug/l	# 19
76) 1,2,3-Trichloropropane	12.569	75	469	50.802	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	469	121.674	ug/l	# 17

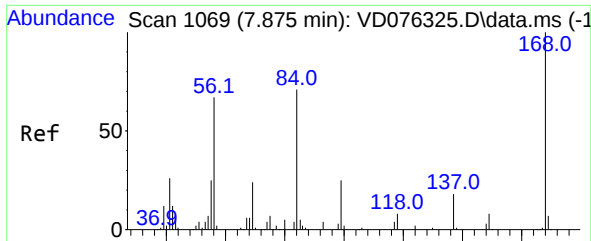
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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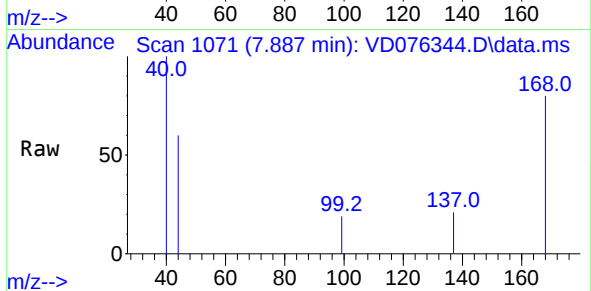
Quant Time: Jun 07 06:11:38 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060523S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 06 02:52:23 2023
Response via : Initial Calibration



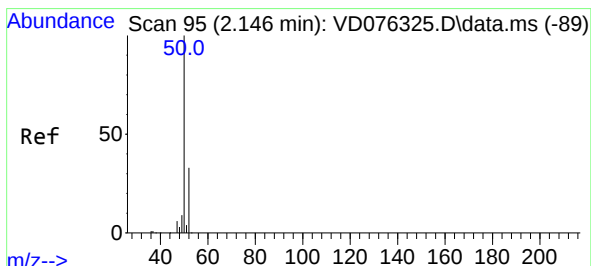
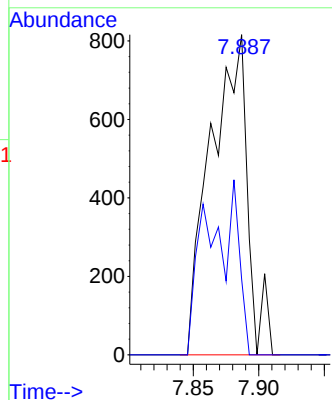
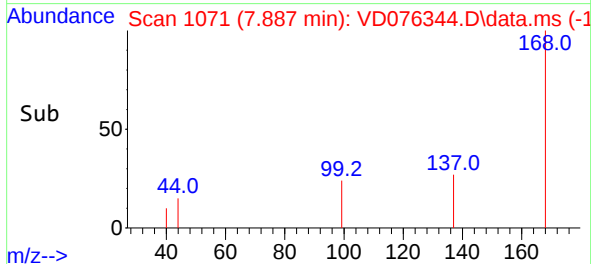


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.887 min Scan# 10
Delta R.T. 0.012 min
Lab File: VD076344.D
Acq: 06 Jun 2023 17:02

Instrument :
MSVOA_D
ClientSampleId :
SB33A

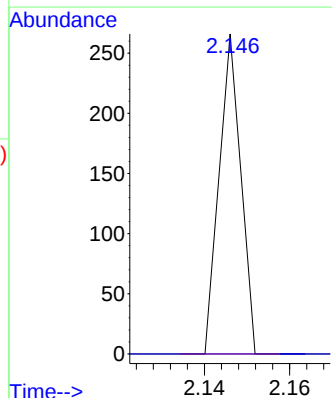
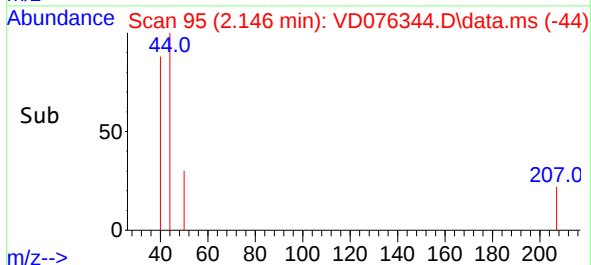
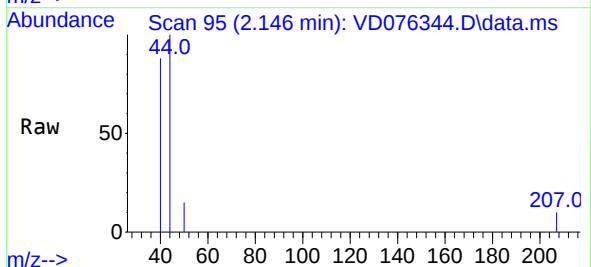


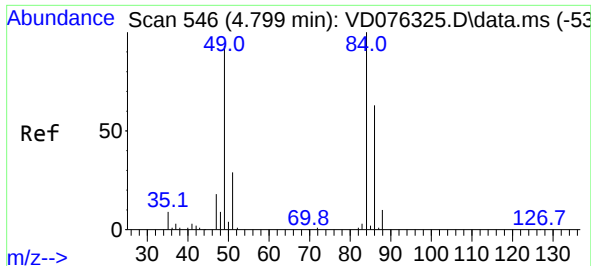
Tgt Ion:168 Resp: 1600
Ion Ratio Lower Upper
168 100
99 23.7 36.7 55.1#



#3
Chloromethane
Concen: 3.157 ug/l
RT: 2.146 min Scan# 95
Delta R.T. -0.000 min
Lab File: VD076344.D
Acq: 06 Jun 2023 17:02

Tgt Ion: 50 Resp: 94
Ion Ratio Lower Upper
50 100
52 0.0 26.6 40.0#

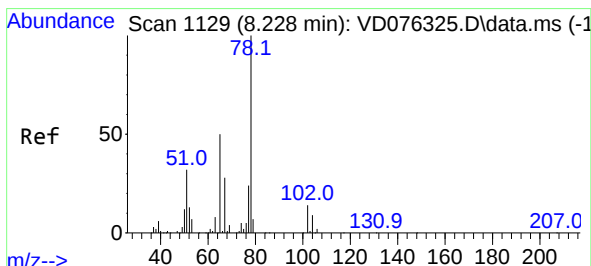
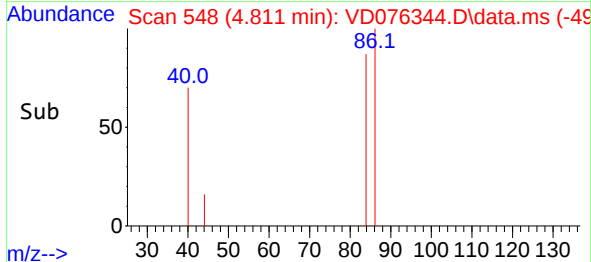
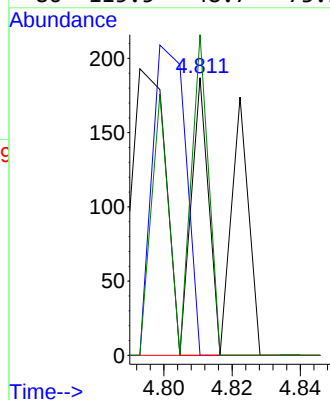
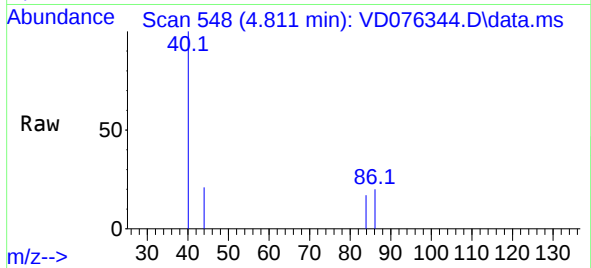




#20
Methylene Chloride
Concen: 1.675 ug/l
RT: 4.811 min Scan# 54
Delta R.T. 0.012 min
Lab File: VD076344.D
Acq: 06 Jun 2023 17:02

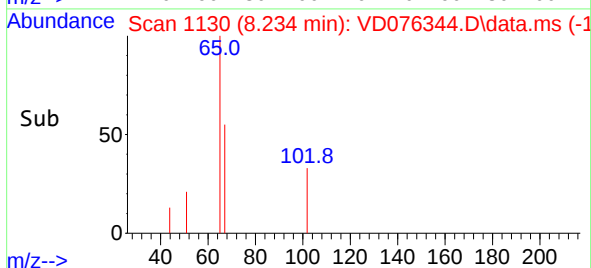
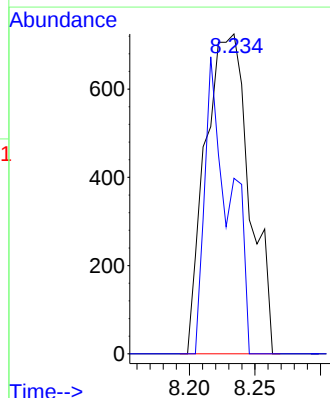
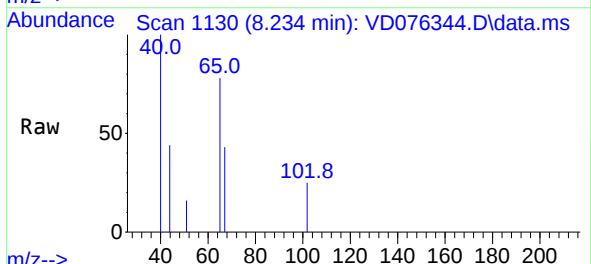
Instrument :
MSVOA_D
ClientSampleId :
SB33A

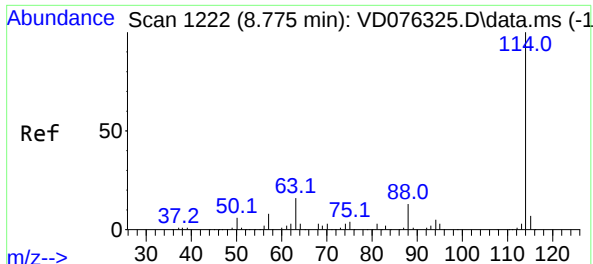
Tgt Ion:	84	Resp:	127
Ion	Ratio	Lower	Upper
84	100		
49	0.0	71.4	107.2#
51	0.0	24.5	36.7#
86	115.5	48.7	73.1#



#33
1,2-Dichloroethane-d4
Concen: 117.886 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD076344.D
Acq: 06 Jun 2023 17:02

Tgt Ion:	65	Resp:	1690
Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	115.0

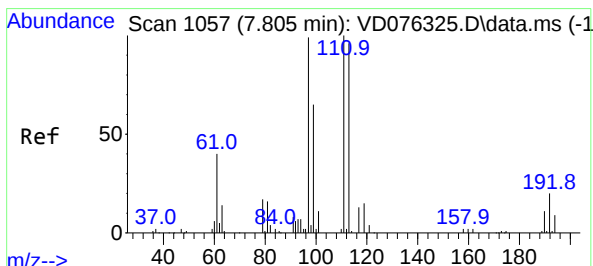
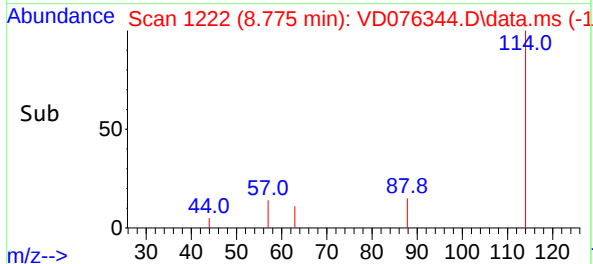
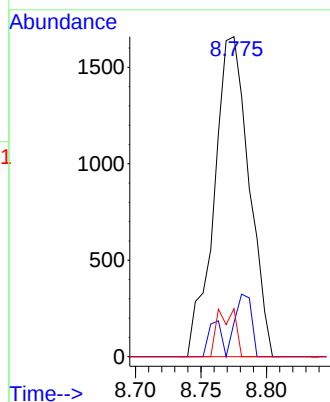
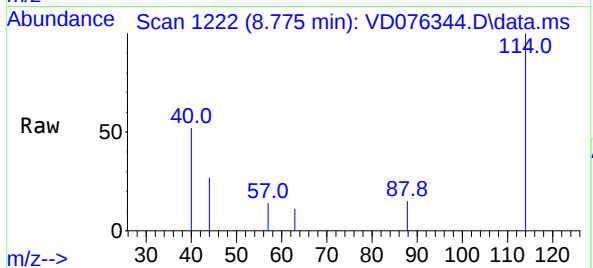




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076344.D
Acq: 06 Jun 2023 17:02

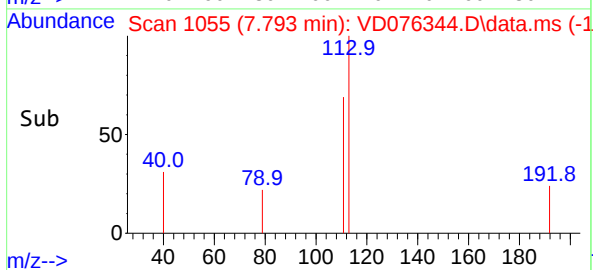
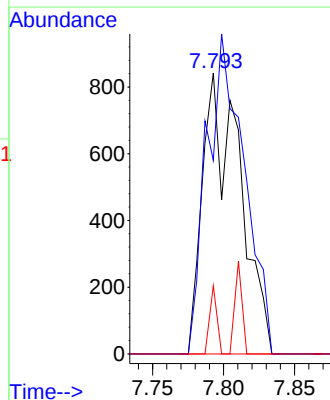
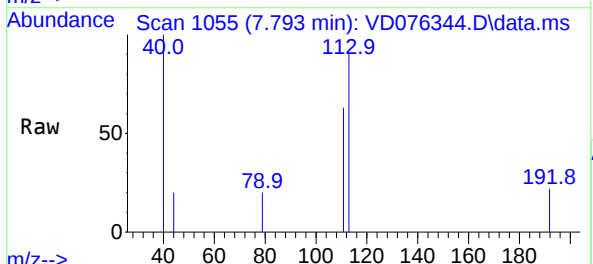
Instrument :
MSVOA_D
ClientSampleId :
SB33A

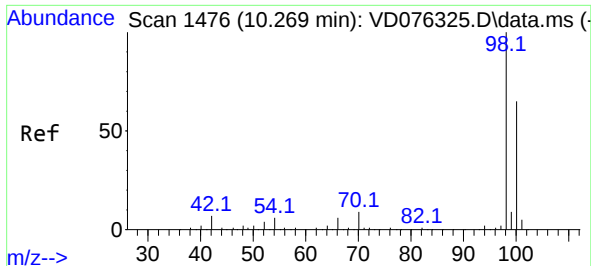
Tgt Ion:	114	Resp:	3068
Ion Ratio	Lower	Upper	
114	100		
63	10.6	0.0	33.4
88	15.0	0.0	26.2



#35
Dibromofluoromethane
Concen: 79.210 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.012 min
Lab File: VD076344.D
Acq: 06 Jun 2023 17:02

Tgt Ion:	113	Resp:	1543
Ion Ratio	Lower	Upper	
113	100		
111	113.6	84.7	127.1
192	4.7	16.8	25.2

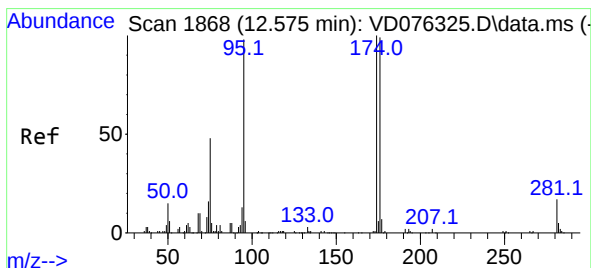
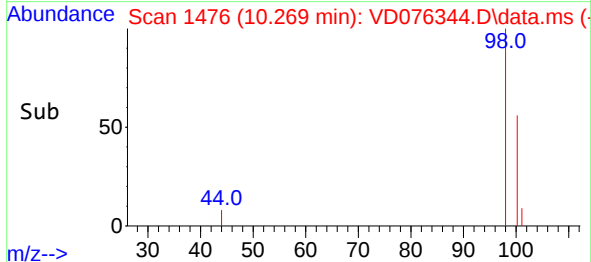
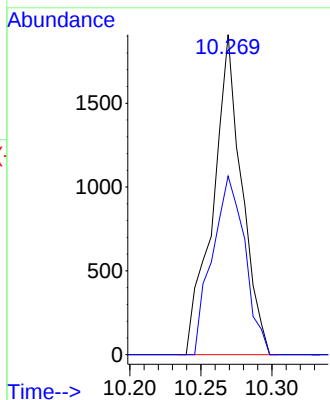
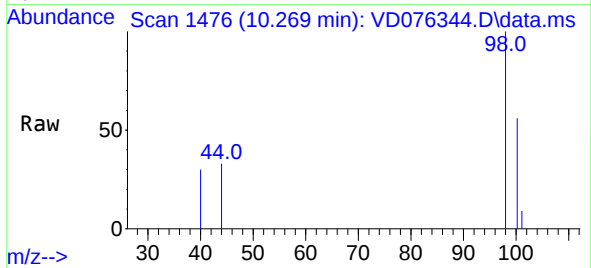




#50
Toluene-d8
Concen: 34.851 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076344.D
Acq: 06 Jun 2023 17:02

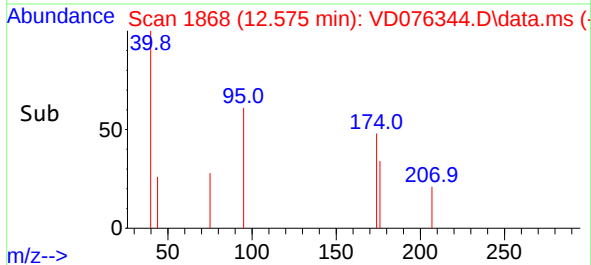
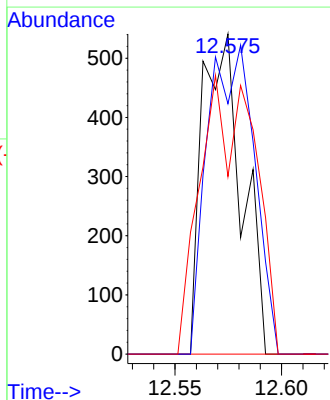
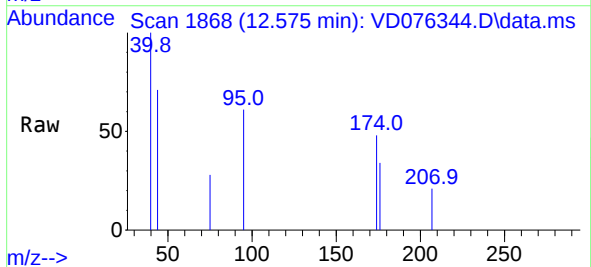
Instrument :
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ClientSampleId :
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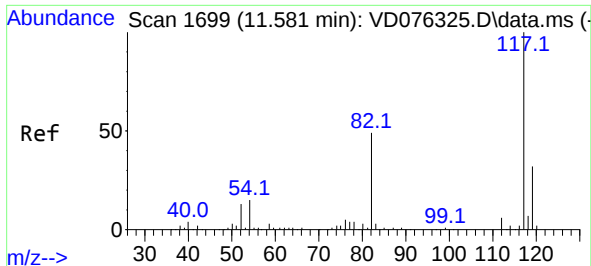
Tgt Ion: 98 Resp: 2703
Ion Ratio Lower Upper
98 100
100 62.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 34.251 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076344.D
Acq: 06 Jun 2023 17:02

Tgt Ion: 95 Resp: 703
Ion Ratio Lower Upper
95 100
174 113.7 0.0 201.8
176 118.3 0.0 191.8

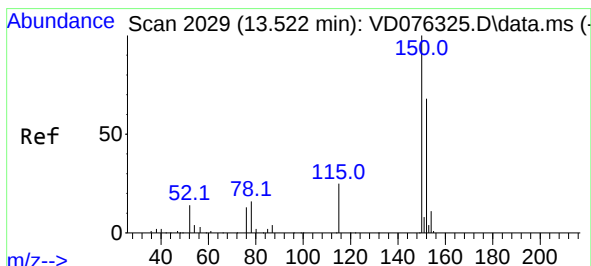
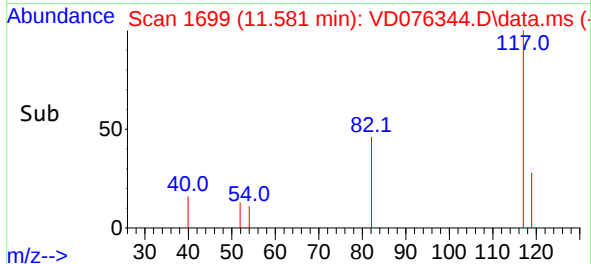
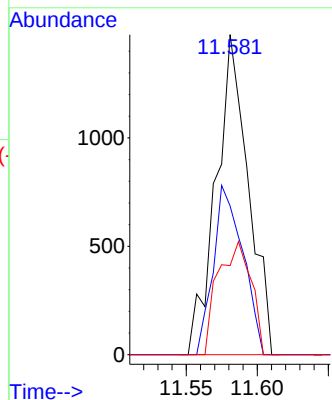
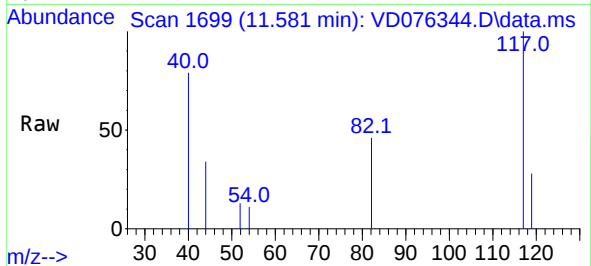




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076344.D
Acq: 06 Jun 2023 17:02

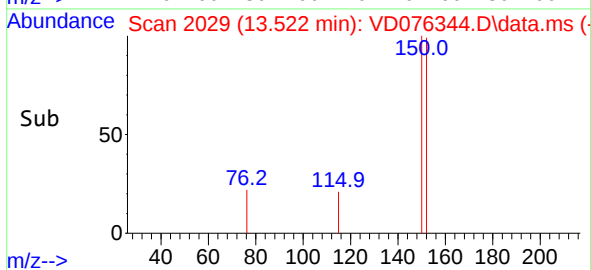
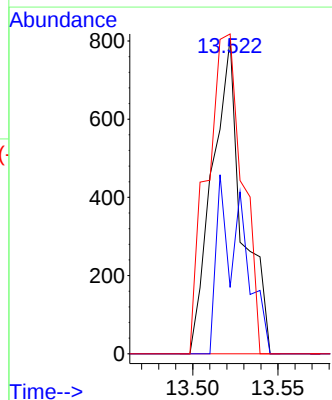
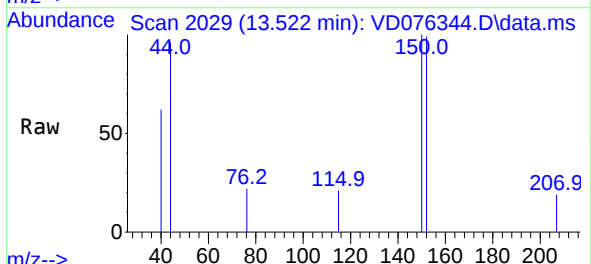
Instrument :
MSVOA_D
ClientSampleId :
SB33A

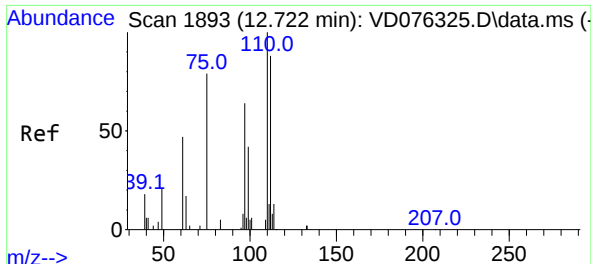
Tgt Ion:117 Resp: 2332
Ion Ratio Lower Upper
117 100
82 46.5 38.3 57.5
119 27.8 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD076344.D
Acq: 06 Jun 2023 17:02

Tgt Ion:152 Resp: 989
Ion Ratio Lower Upper
152 100
115 48.4 27.1 81.3
150 119.5 0.0 353.6

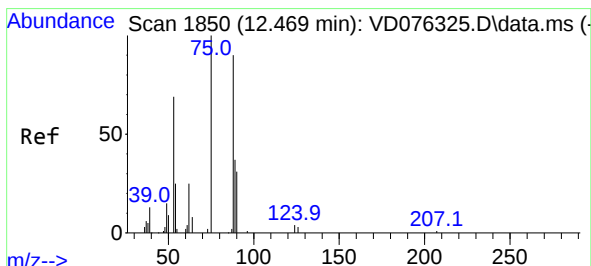
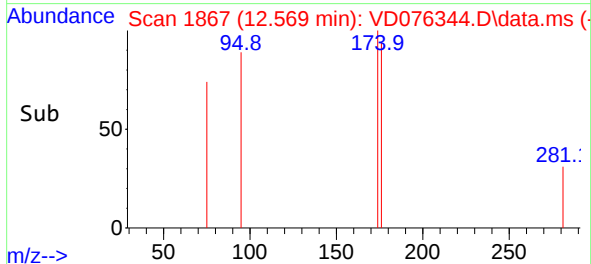
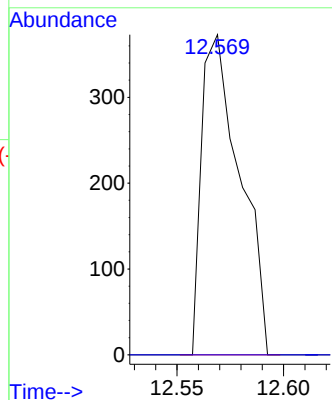
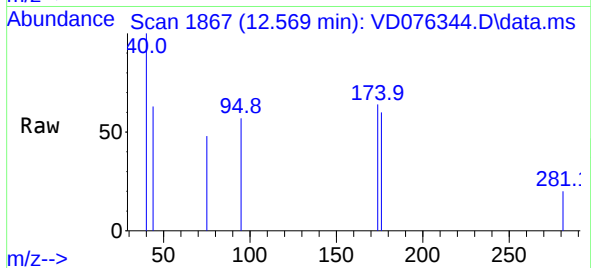




#76
1,2,3-Trichloropropane
Concen: 50.802 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD076344.D
Acq: 06 Jun 2023 17:02

Instrument :
MSVOA_D
ClientSampleId :
SB33A

Tgt Ion: 75 Resp: 469
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#81
trans-1,4-Dichloro-2-butene
Concen: 121.674 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD076344.D
Acq: 06 Jun 2023 17:02

Tgt Ion: 75 Resp: 469
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

