

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072723\
 Data File : VD076832.D
 Acq On : 27 Jul 2023 14:16
 Operator : KP/SY
 Sample : 03769-10
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 27 14:49:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

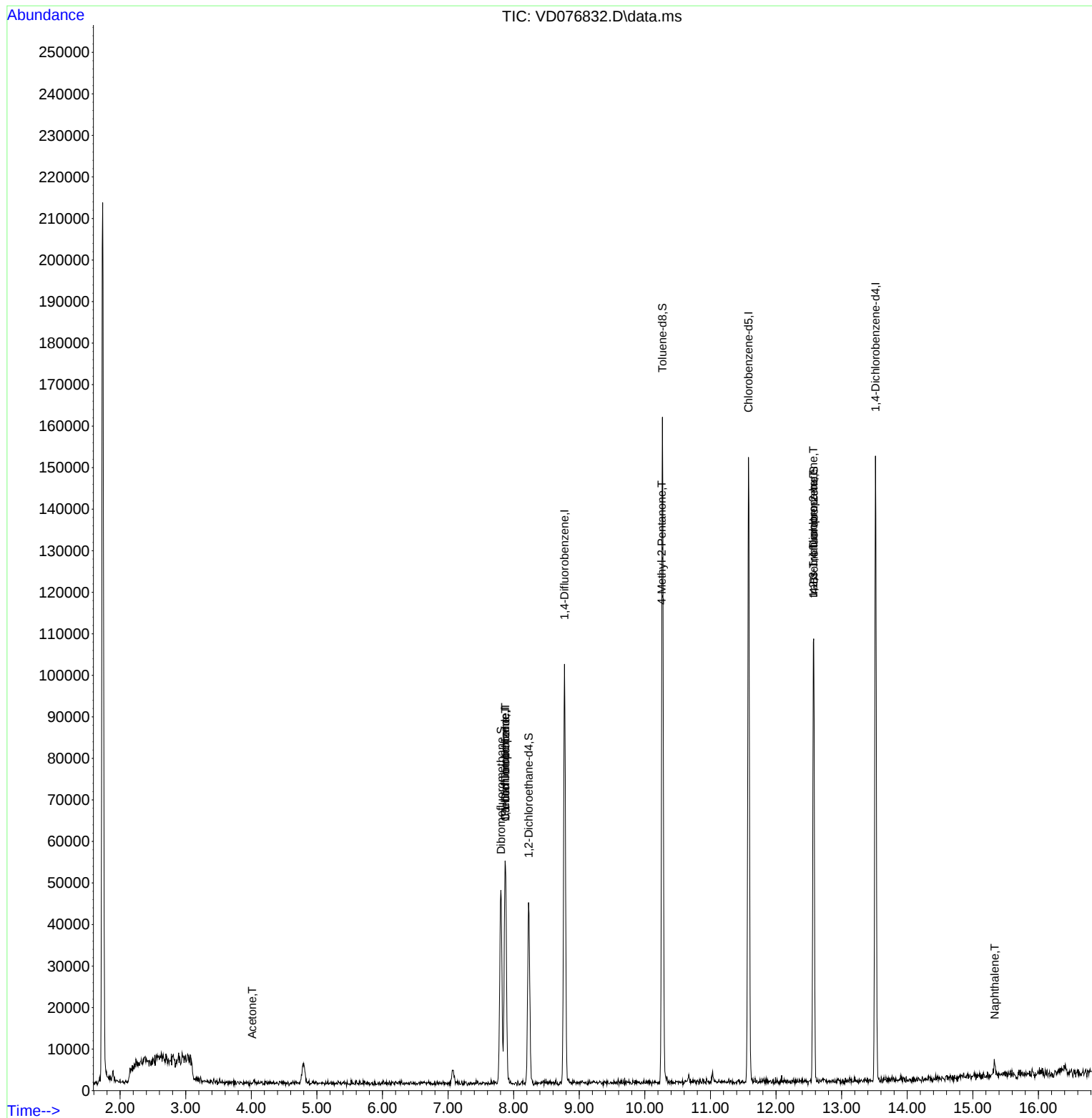
Internal Standards						
1) Pentafluorobenzene	7.869	168	44393	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	91425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	91155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	41835	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	34664	78.396	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 156.800%	
35) Dibromofluoromethane	7.810	113	33457	58.235	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 116.460%	
50) Toluene-d8	10.269	98	111886	54.438	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 108.880%	
62) 4-Bromofluorobenzene	12.575	95	33749	50.759	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 101.520%	
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	153	1.449	ug/l	# 32
20) Methylene Chloride	4.799	84	4310	Below Cal	#	90
36) 1,1-Dichloropropene	7.875	75	3584	4.774	ug/l	# 41
38) Carbon Tetrachloride	7.875	117	4513	6.278	ug/l	# 11
51) 4-Methyl-2-Pentanone	10.257	43	501	1.436	ug/l	# 1
76) 1,2,3-Trichloropropane	12.569	75	19236	48.350	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	19236	102.902	ug/l	# 17
95) Naphthalene	15.333	128	4682	2.789	ug/l	# 77

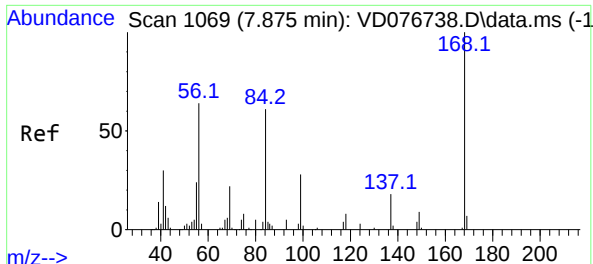
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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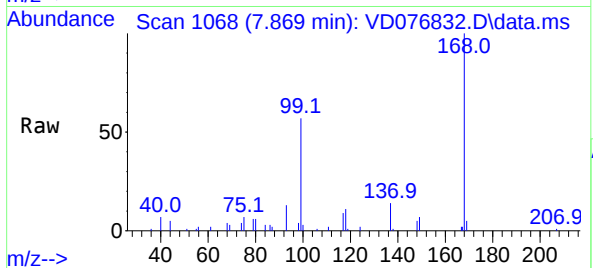
Quant Time: Jul 27 14:49:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration



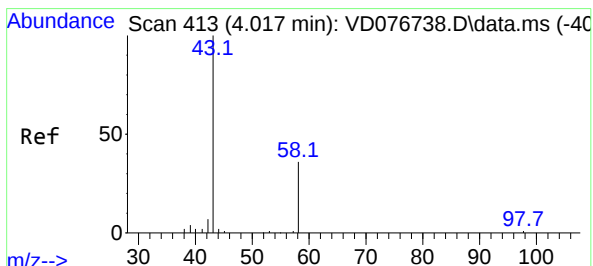
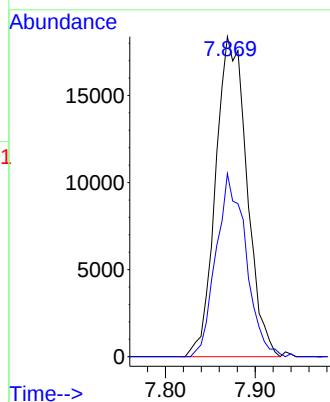
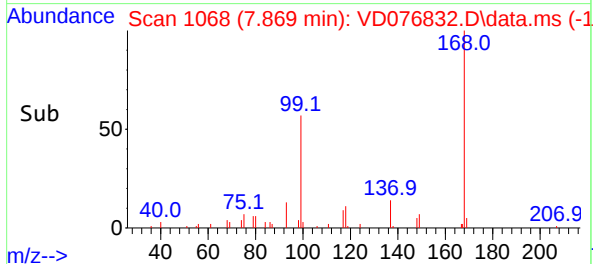


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076832.D
Acq: 27 Jul 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :

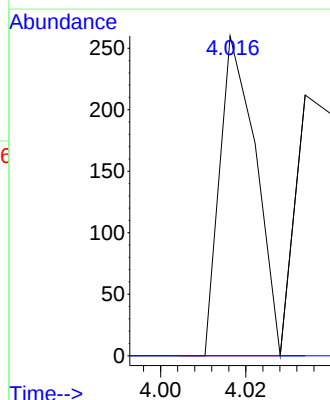
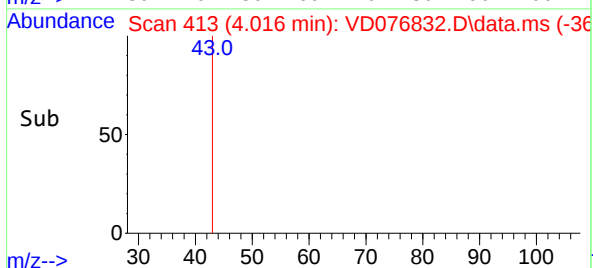
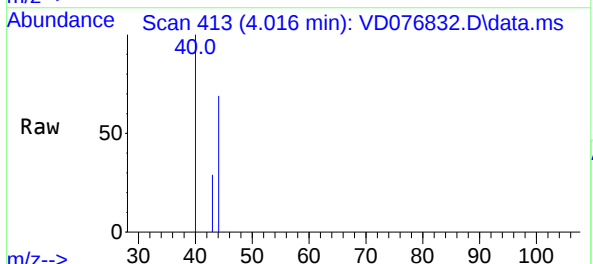


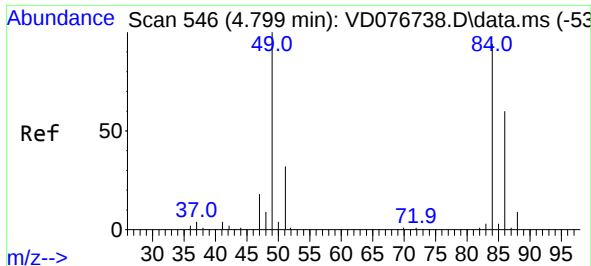
Tgt Ion:168 Resp: 44393
Ion Ratio Lower Upper
168 100
99 57.2 36.7 55.1#



#16
Acetone
Concen: 1.449 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.001 min
Lab File: VD076832.D
Acq: 27 Jul 2023 14:16

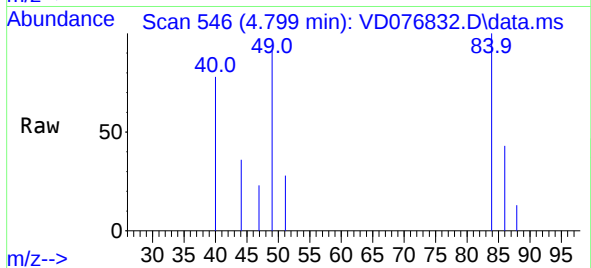
Tgt Ion: 43 Resp: 153
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



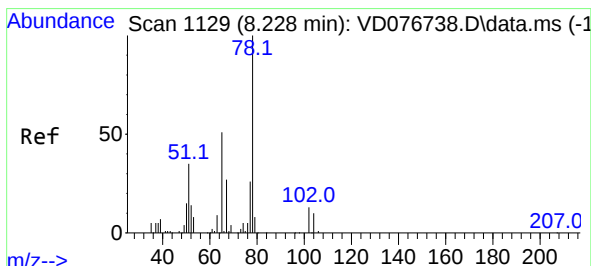
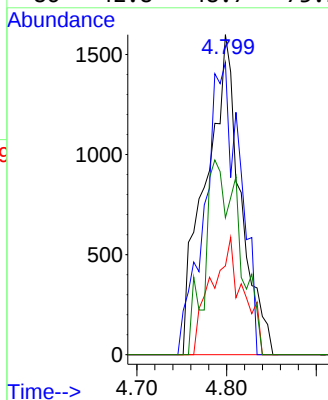
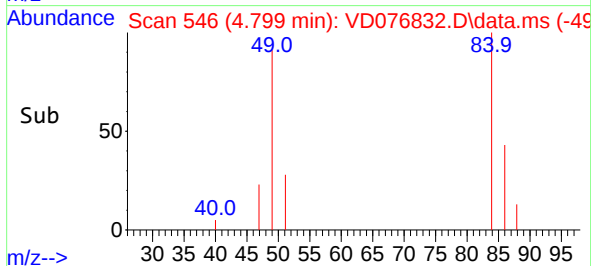


#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD076832.D
Acq: 27 Jul 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :

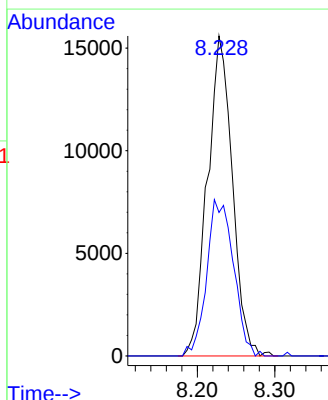
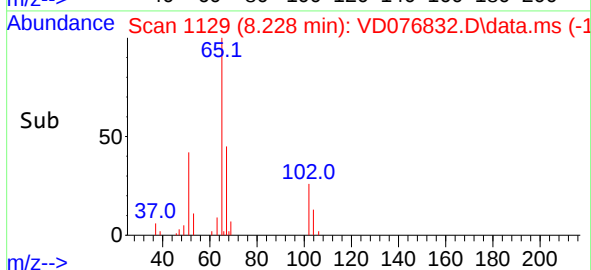
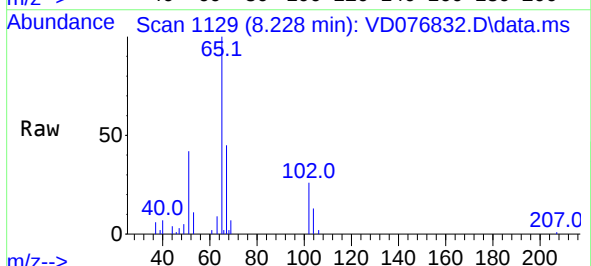


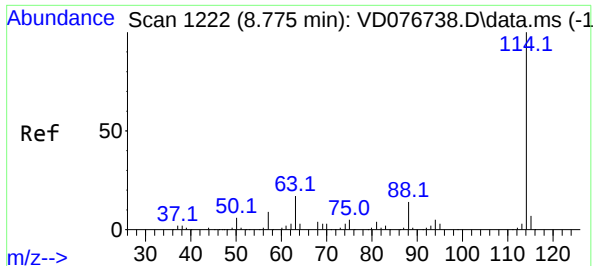
Tgt Ion: 84 Resp: 4310
Ion Ratio Lower Upper
84 100
49 91.3 71.4 107.2
51 27.8 24.5 36.7
86 42.8 48.7 73.1#



#33
1,2-Dichloroethane-d4
Concen: 78.396 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076832.D
Acq: 27 Jul 2023 14:16

Tgt Ion: 65 Resp: 34664
Ion Ratio Lower Upper
65 100
67 52.7 0.0 115.0



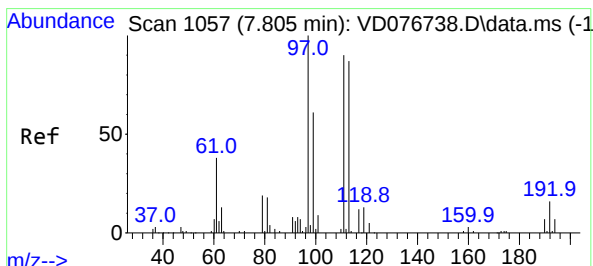
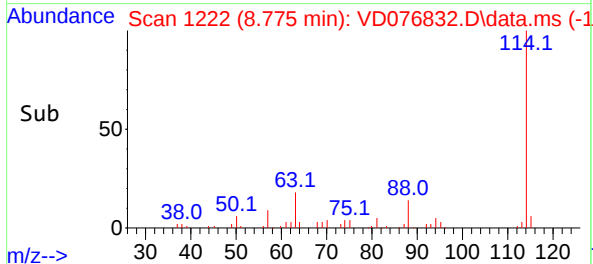
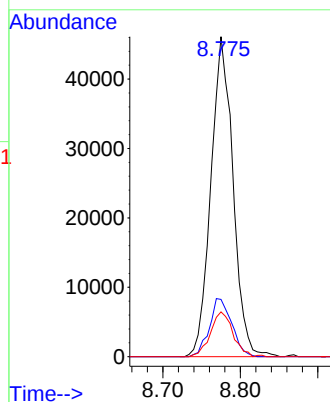
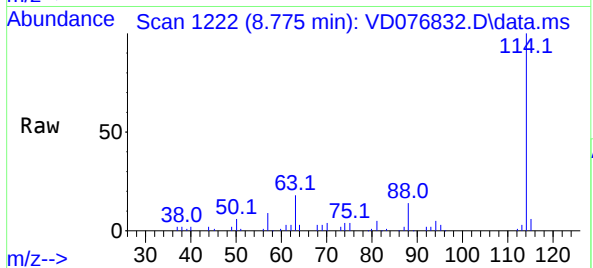


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076832.D
Acq: 27 Jul 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:114 Resp: 91425

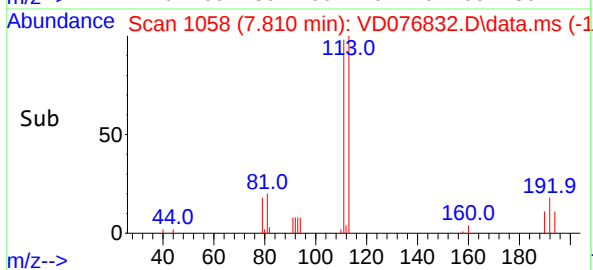
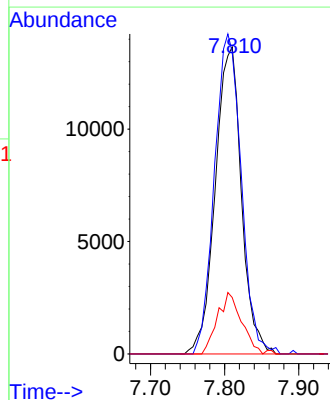
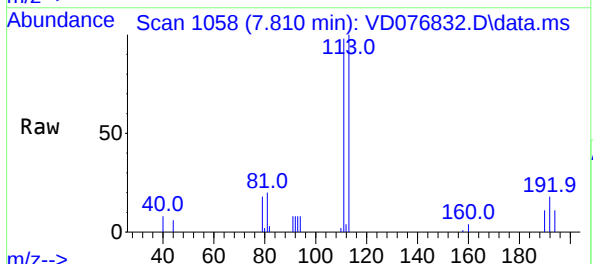
Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	33.4
88	14.0	0.0	26.2

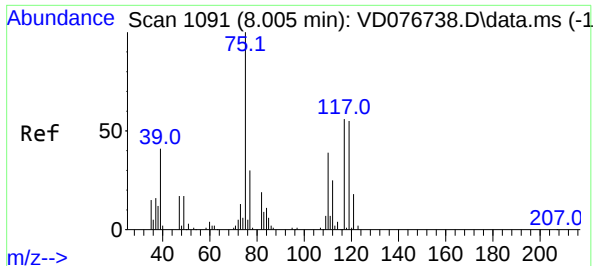


#35
Dibromofluoromethane
Concen: 58.235 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.005 min
Lab File: VD076832.D
Acq: 27 Jul 2023 14:16

Tgt Ion:113 Resp: 33457

Ion	Ratio	Lower	Upper
113	100		
111	106.3	84.7	127.1
192	18.3	16.8	25.2





#36

1,1-Dichloropropene

Concen: 4.774 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD076832.D

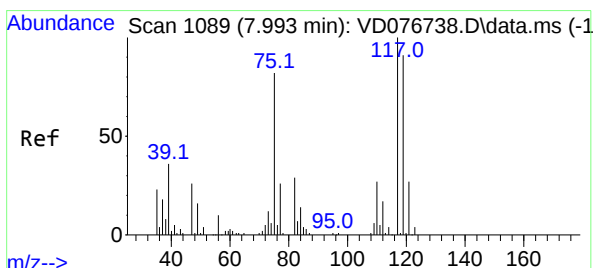
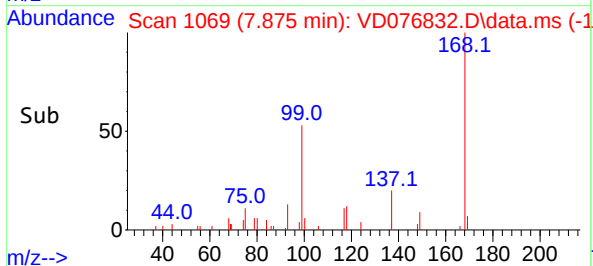
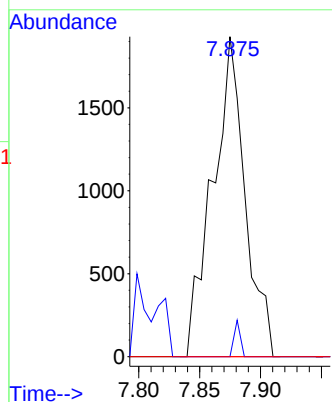
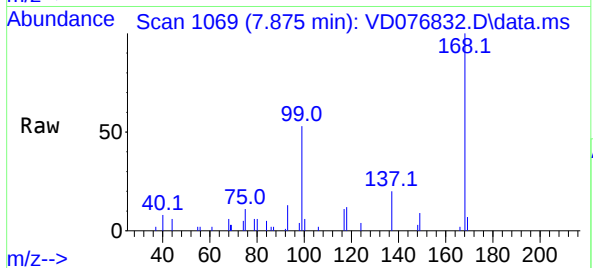
Acq: 27 Jul 2023 14:16

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 75	Resp:	3584
Ion Ratio	Lower	Upper
75	100	
110	2.2	19.9 59.6#
77	0.0	24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.278 ug/l

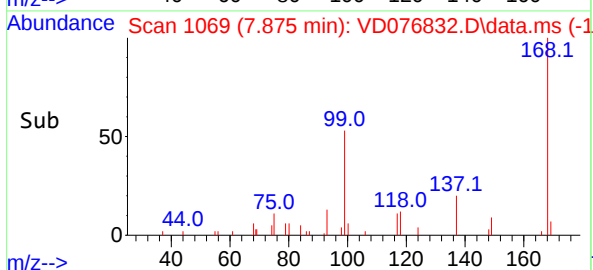
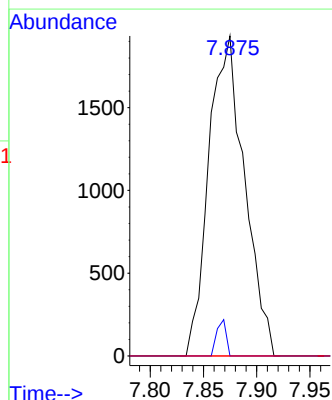
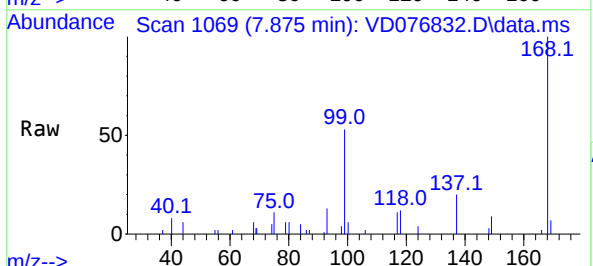
RT: 7.875 min Scan# 1069

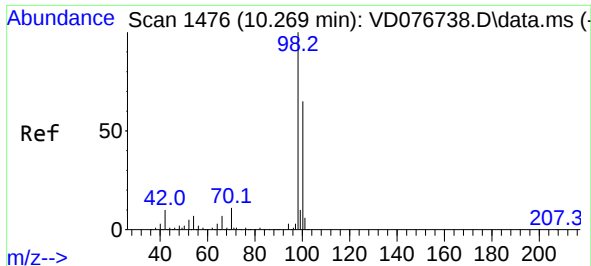
Delta R.T. -0.118 min

Lab File: VD076832.D

Acq: 27 Jul 2023 14:16

Tgt Ion: 117	Resp:	4513
Ion Ratio	Lower	Upper
117	100	
119	0.0	78.0 117.0#
121	0.0	24.2 36.2#

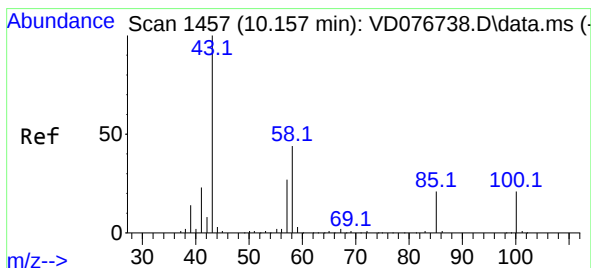
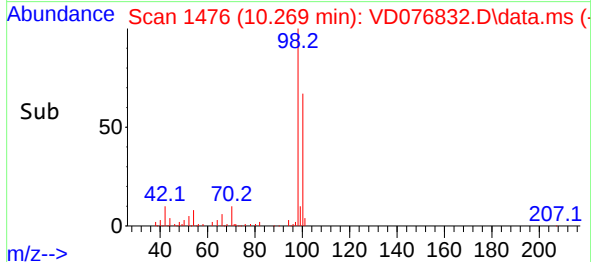
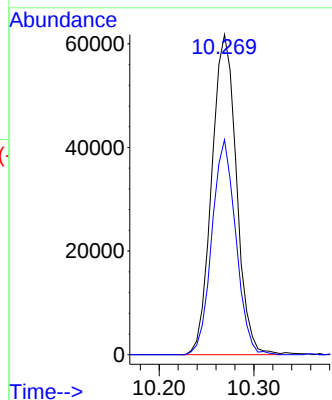
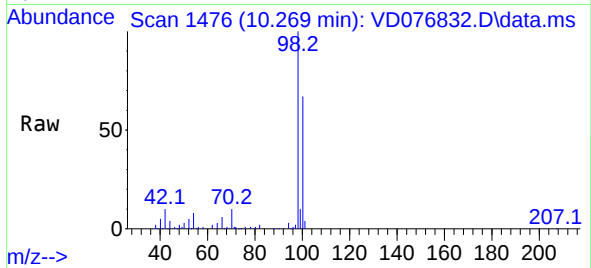




#50
Toluene-d8
Concen: 54.438 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076832.D
Acq: 27 Jul 2023 14:16

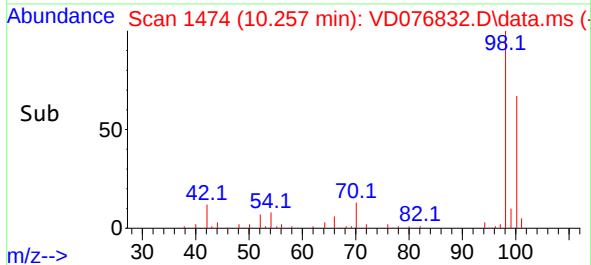
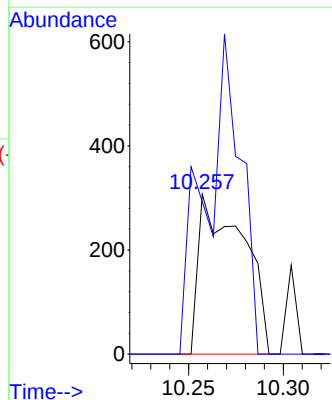
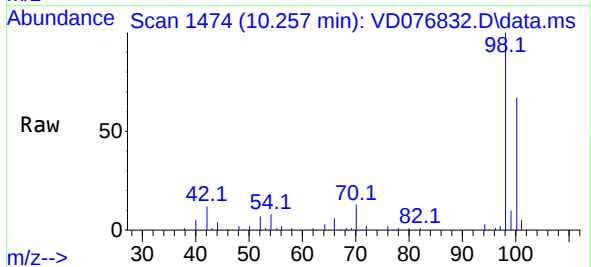
Instrument :
MSVOA_D
ClientSampleId :

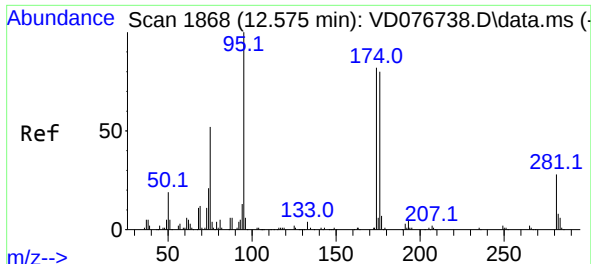
Tgt Ion: 98 Resp: 111886
Ion Ratio Lower Upper
98 100
100 65.1 50.3 75.5



#51
4-Methyl-2-Pentanone
Concen: 1.436 ug/l
RT: 10.257 min Scan# 1474
Delta R.T. 0.100 min
Lab File: VD076832.D
Acq: 27 Jul 2023 14:16

Tgt Ion: 43 Resp: 501
Ion Ratio Lower Upper
43 100
58 157.7 38.9 58.3#

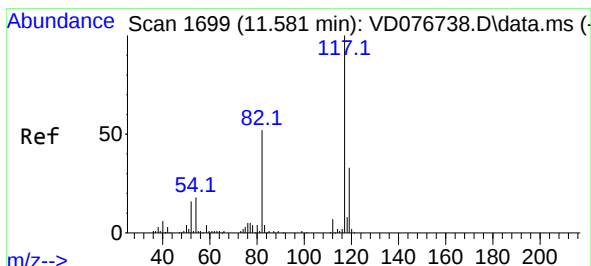
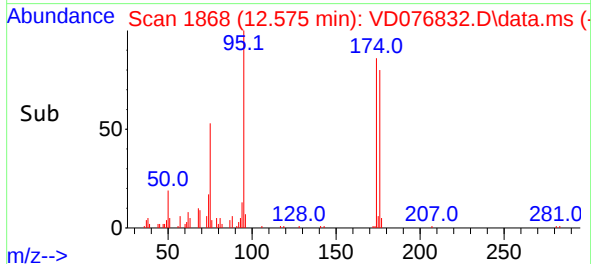
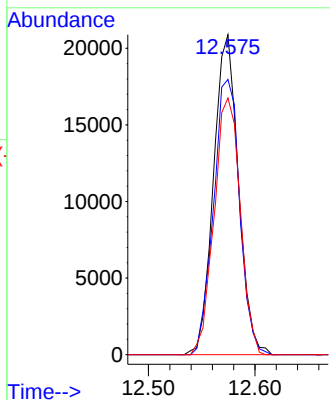
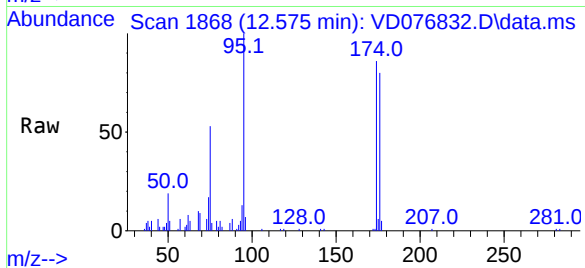




#62
4-Bromofluorobenzene
Concen: 50.759 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076832.D
Acq: 27 Jul 2023 14:16

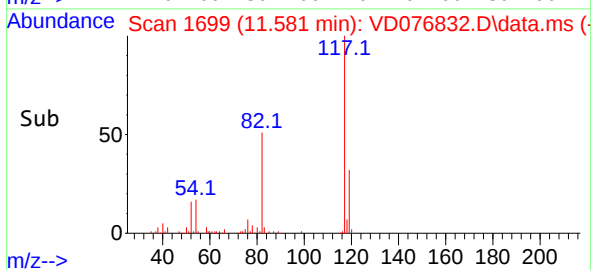
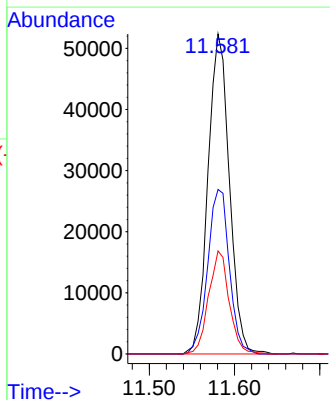
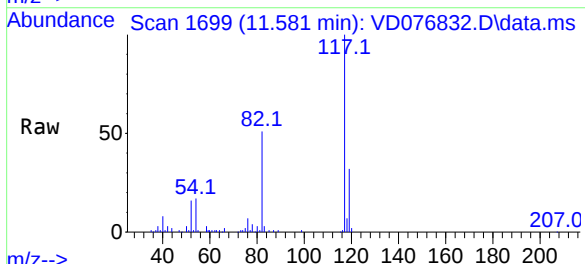
Instrument :
MSVOA_D
ClientSampleId :

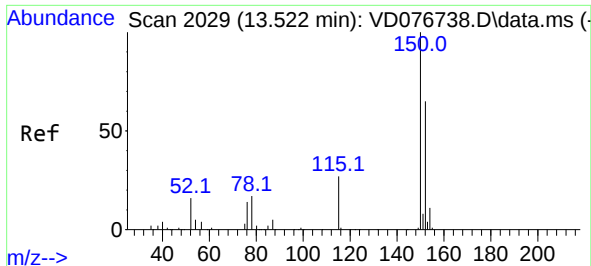
Tgt Ion:	95	Resp:	33749
Ion	Ratio	Lower	Upper
95	100		
174	90.8	0.0	201.8
176	84.4	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076832.D
Acq: 27 Jul 2023 14:16

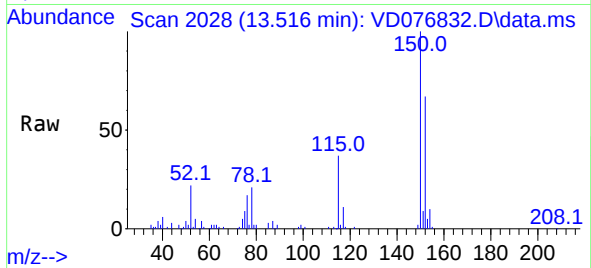
Tgt Ion:	117	Resp:	91155
Ion	Ratio	Lower	Upper
117	100		
82	51.4	38.3	57.5
119	32.2	25.0	37.4



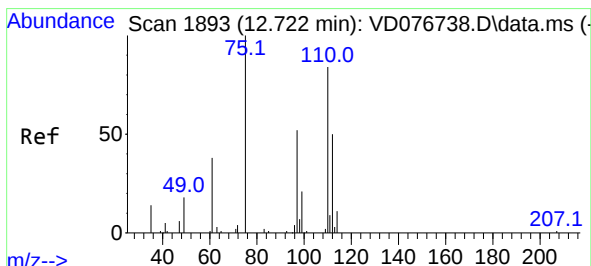
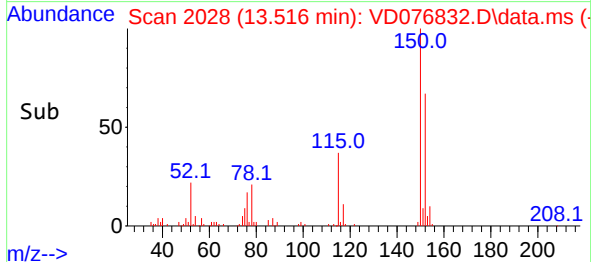
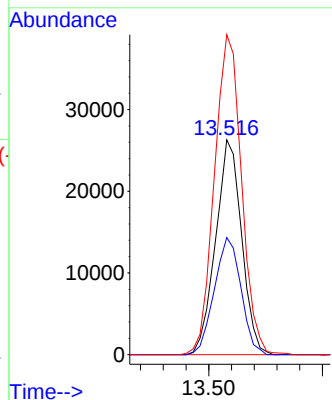


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2029
Delta R.T. -0.006 min
Lab File: VD076832.D
Acq: 27 Jul 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :

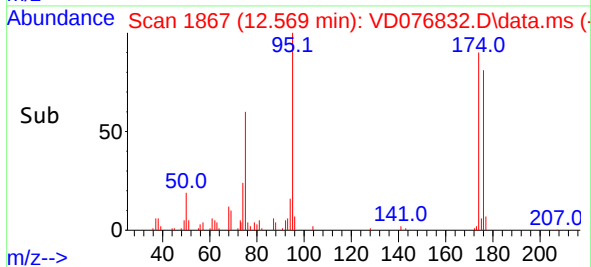
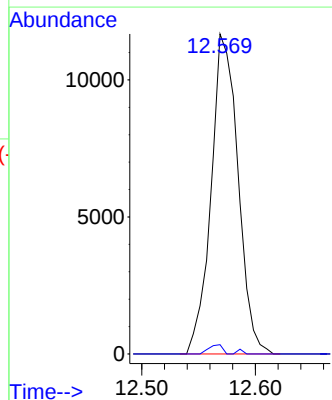
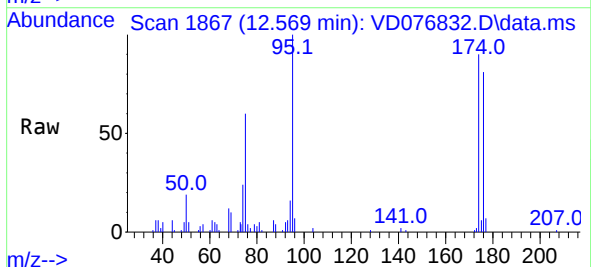


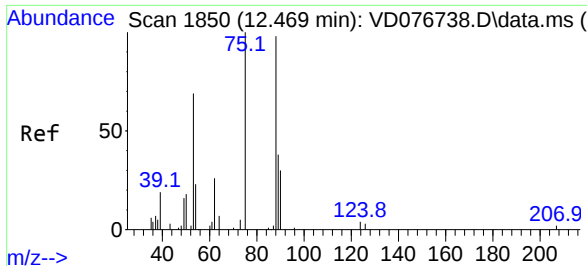
Tgt Ion:152 Resp: 41835
Ion Ratio Lower Upper
152 100
115 55.8 27.1 81.3
150 155.4 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 48.350 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD076832.D
Acq: 27 Jul 2023 14:16

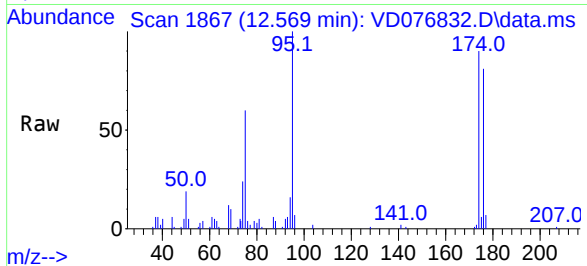
Tgt Ion: 75 Resp: 19236
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



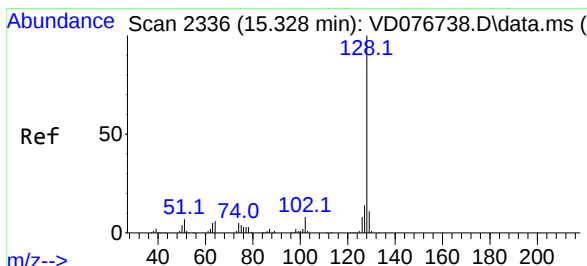
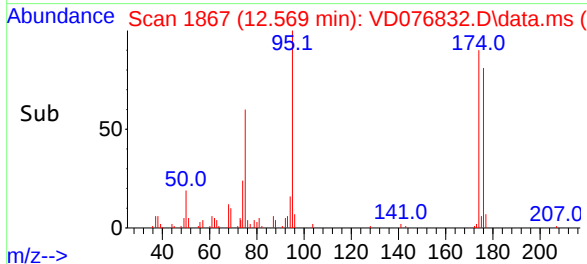
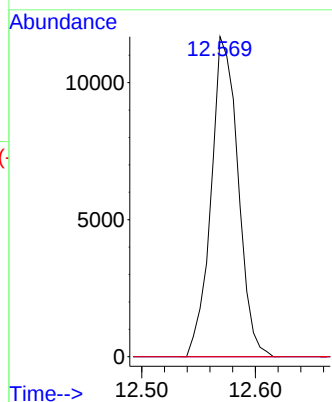


#81
trans-1,4-Dichloro-2-butene
Concen: 102.902 ug/l
RT: 12.569 min Scan# 1850
Delta R.T. 0.100 min
Lab File: VD076832.D
Acq: 27 Jul 2023 14:16

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 19236
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#



#95
Naphthalene
Concen: 2.789 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. 0.005 min
Lab File: VD076832.D
Acq: 27 Jul 2023 14:16

Tgt Ion:128 Resp: 4682
Ion Ratio Lower Upper
128 100
127 0.0 10.5 15.7#
129 6.9 8.7 13.1#

