

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072723\
 Data File : VD076826.D
 Acq On : 27 Jul 2023 11:29
 Operator : KP/SY
 Sample : VD0727SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 27 14:47:47 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)

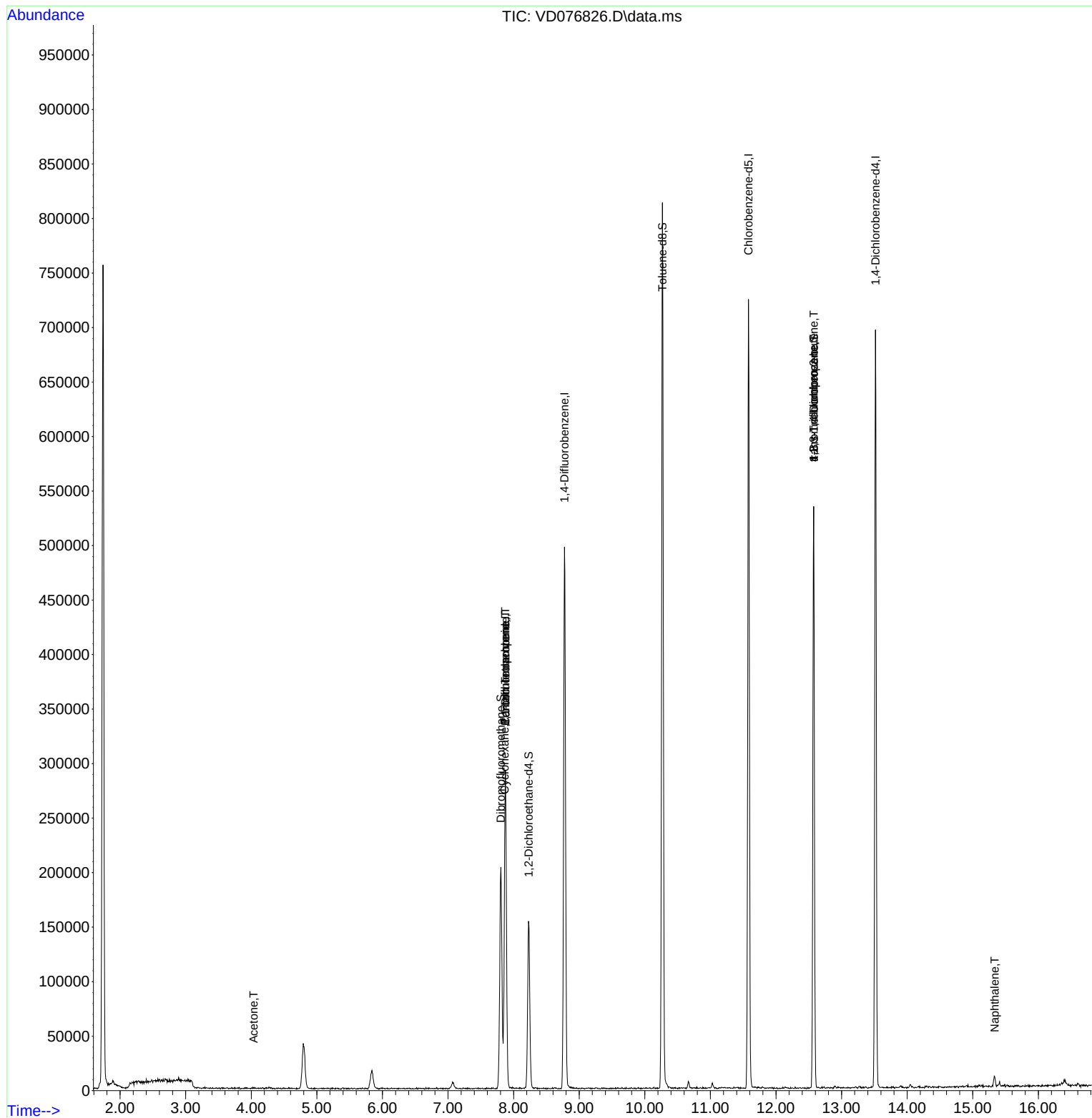
Internal Standards						
1) Pentafluorobenzene	7.875	168	222496	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	463878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	428781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	188325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	118602	53.518	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 107.040%	
35) Dibromofluoromethane	7.805	113	147969	50.760	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.520%	
50) Toluene-d8	10.269	98	571105	54.765	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 109.540%	
62) 4-Bromofluorobenzene	12.575	95	168169	49.850	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 99.700%	
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	710	1.341	ug/l	# 32
20) Methylene Chloride	4.799	84	32372	Below Cal		95
31) Cyclohexane	7.863	56	4487	1.376	ug/l	# 65
36) 1,1-Dichloropropene	7.875	75	18672	4.902	ug/l	# 43
38) Carbon Tetrachloride	7.875	117	22872	6.271	ug/l	# 14
76) 1,2,3-Trichloropropane	12.575	75	85814	47.915	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	85814	101.976	ug/l	# 17
95) Naphthalene	15.334	128	9539	1.262	ug/l	# 94

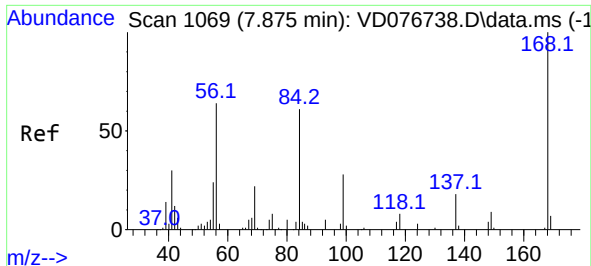
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_D
ClientSampleId :

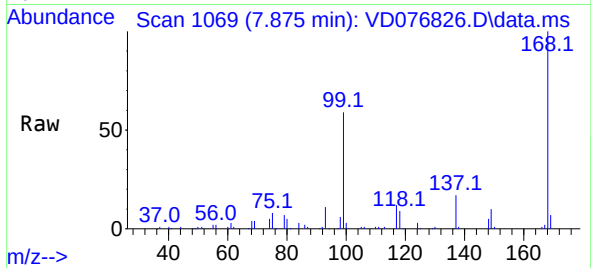
Quant Time: Jul 27 14:47:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration



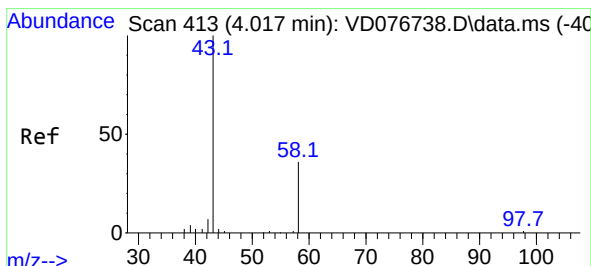
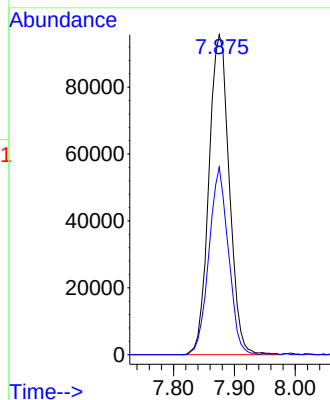
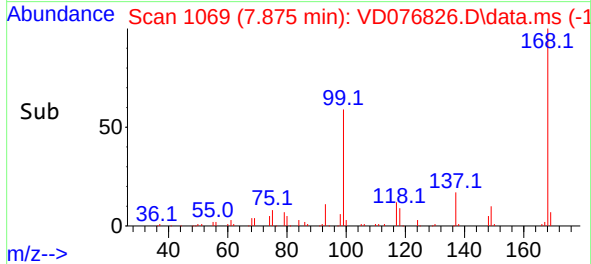


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076826.D
Acq: 27 Jul 2023 11:29

Instrument :
MSVOA_D
ClientSampleId :

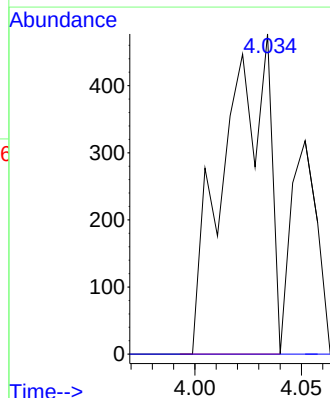
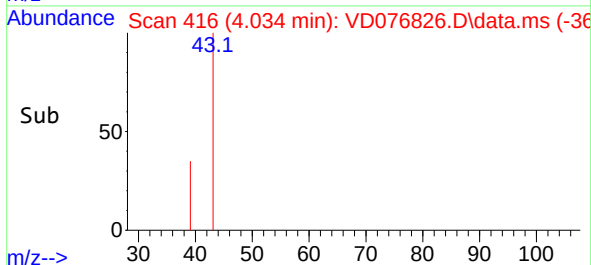
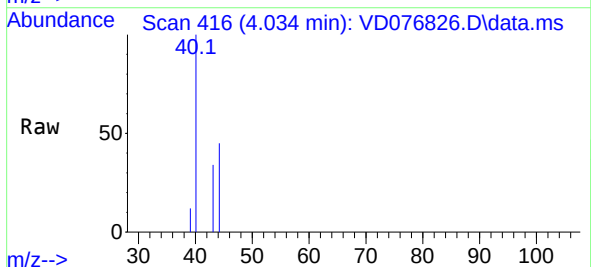


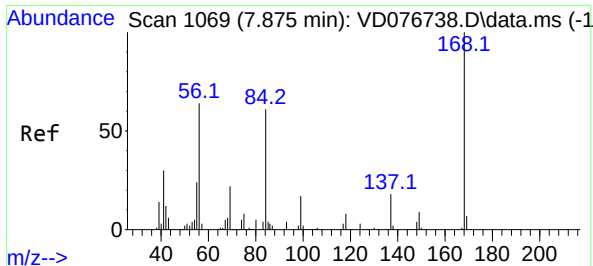
Tgt Ion:168 Resp: 222496
Ion Ratio Lower Upper
168 100
99 58.6 36.7 55.1#



#16
Acetone
Concen: 1.341 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.017 min
Lab File: VD076826.D
Acq: 27 Jul 2023 11:29

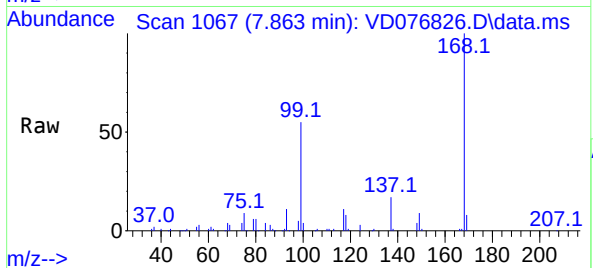
Tgt Ion: 43 Resp: 710
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



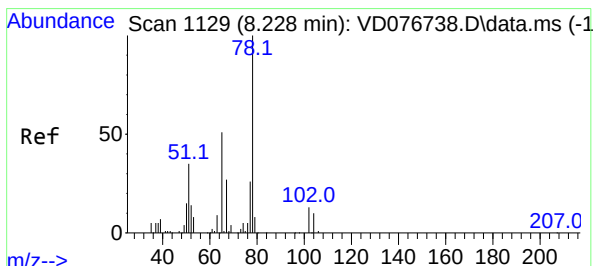
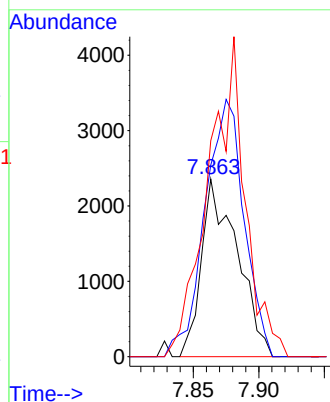
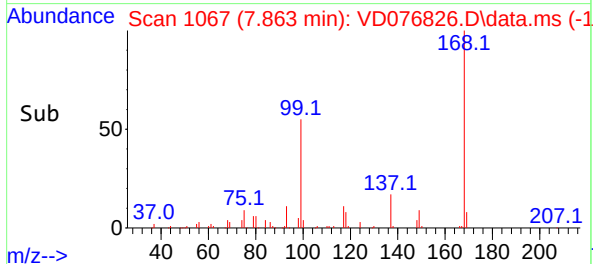


#31
Cyclohexane
Concen: 1.376 ug/l
RT: 7.863 min Scan# 1069
Delta R.T. -0.012 min
Lab File: VD076826.D
Acq: 27 Jul 2023 11:29

Instrument :
MSVOA_D
ClientSampleId :

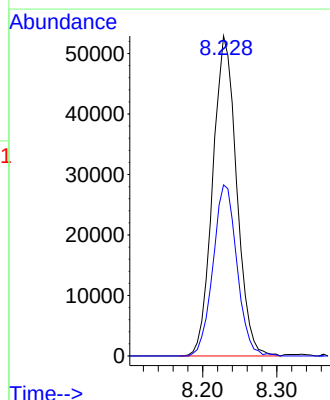
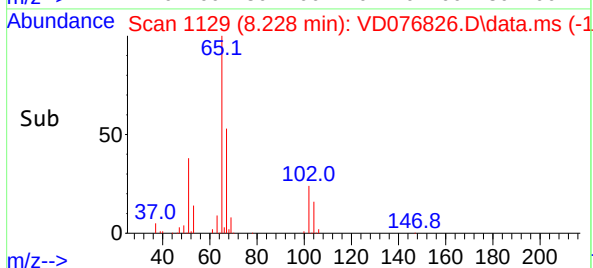
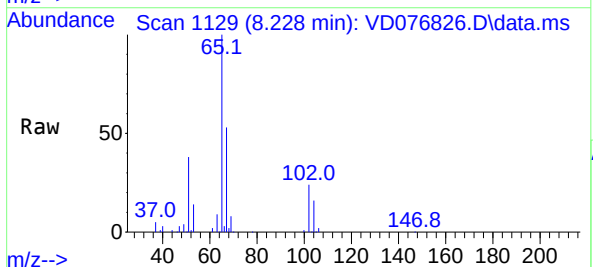


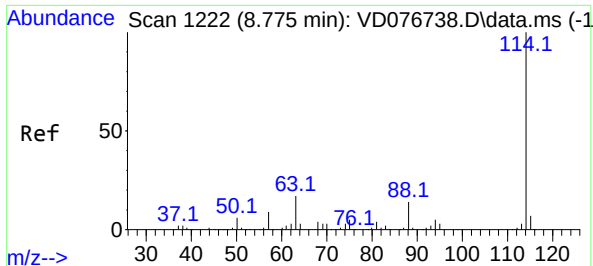
Tgt Ion: 56 Resp: 4487
Ion Ratio Lower Upper
56 100
69 107.9 28.6 43.0#
84 111.3 84.8 127.2



#33
1,2-Dichloroethane-d4
Concen: 53.518 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076826.D
Acq: 27 Jul 2023 11:29

Tgt Ion: 65 Resp: 118602
Ion Ratio Lower Upper
65 100
67 53.4 0.0 115.0

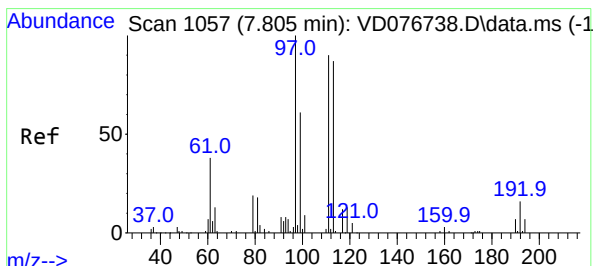
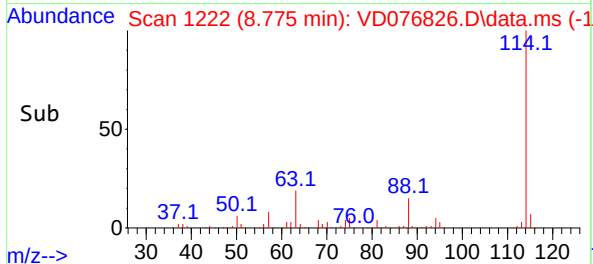
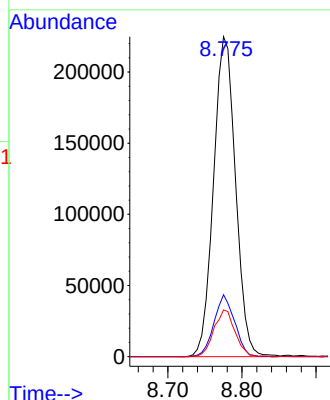
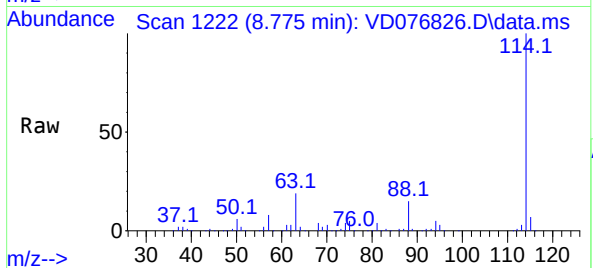




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076826.D
Acq: 27 Jul 2023 11:29

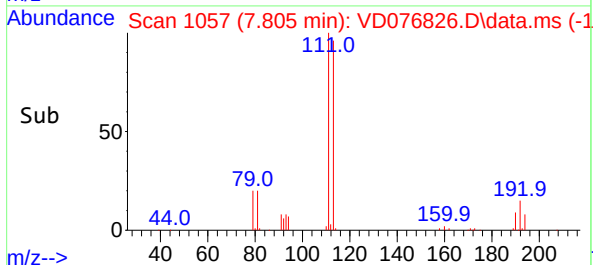
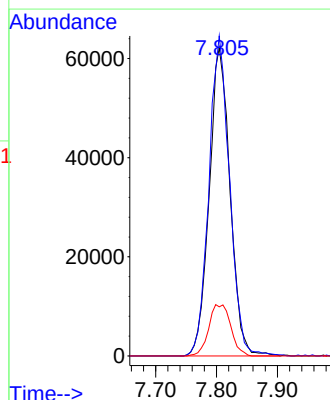
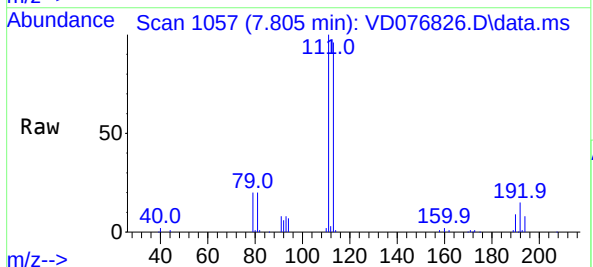
Instrument :
MSVOA_D
ClientSampleId :

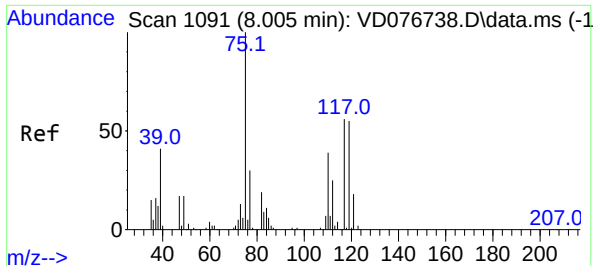
Tgt Ion:114 Resp: 463878
Ion Ratio Lower Upper
114 100
63 19.4 0.0 33.4
88 14.6 0.0 26.2



#35
Dibromofluoromethane
Concen: 50.760 ug/l
RT: 7.805 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076826.D
Acq: 27 Jul 2023 11:29

Tgt Ion:113 Resp: 147969
Ion Ratio Lower Upper
113 100
111 103.1 84.7 127.1
192 17.6 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.902 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.130 min

Lab File: VD076826.D

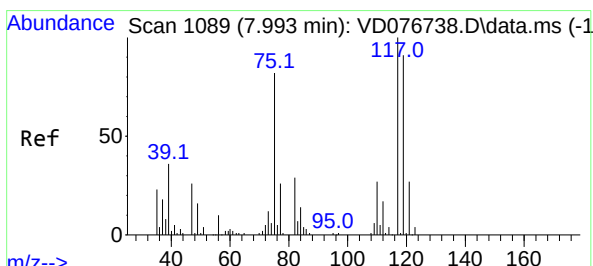
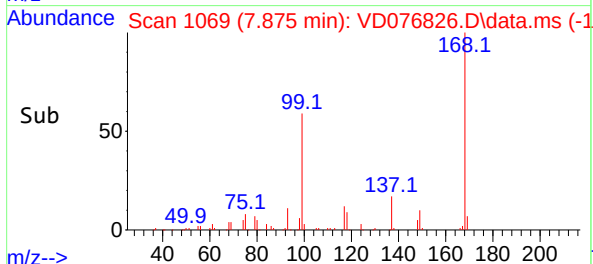
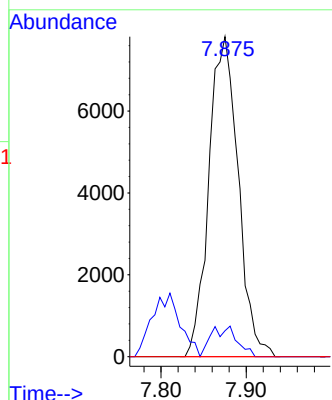
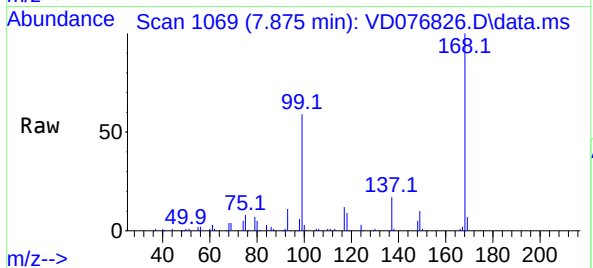
Acq: 27 Jul 2023 11:29

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 75	Resp: 18672
Ion Ratio	Lower Upper
75	100
110	3.7 19.9 59.6#
77	0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 6.271 ug/l

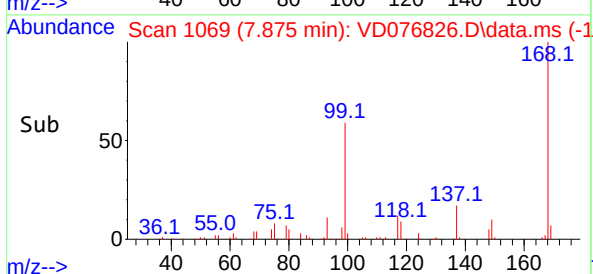
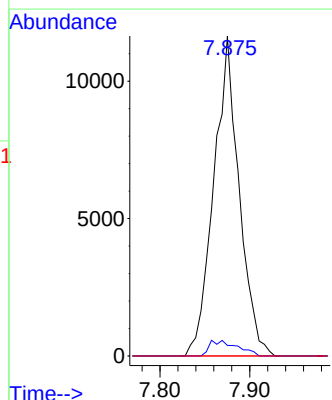
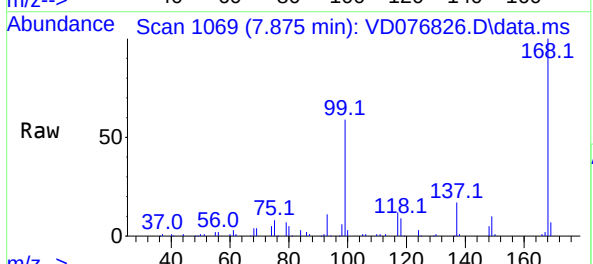
RT: 7.875 min Scan# 1069

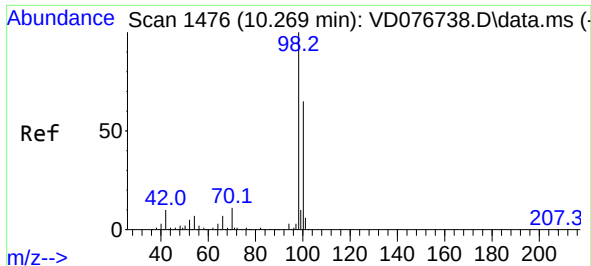
Delta R.T. -0.118 min

Lab File: VD076826.D

Acq: 27 Jul 2023 11:29

Tgt Ion: 117	Resp: 22872
Ion Ratio	Lower Upper
117	100
119	3.3 78.0 117.0#
121	0.0 24.2 36.2#

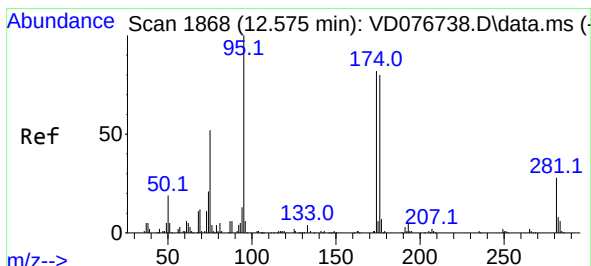
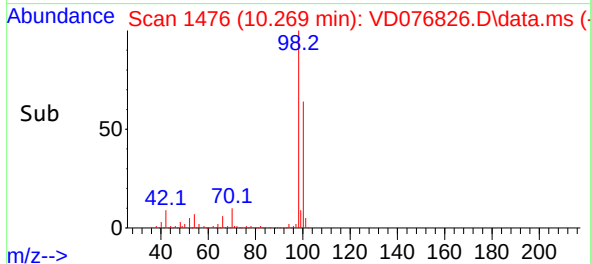
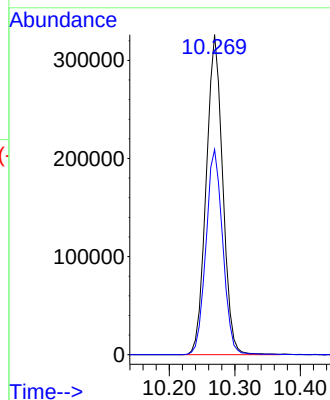
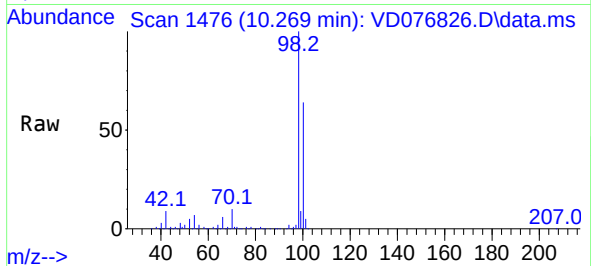




#50
Toluene-d8
Concen: 54.765 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076826.D
Acq: 27 Jul 2023 11:29

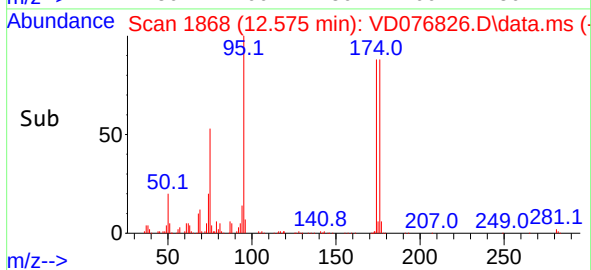
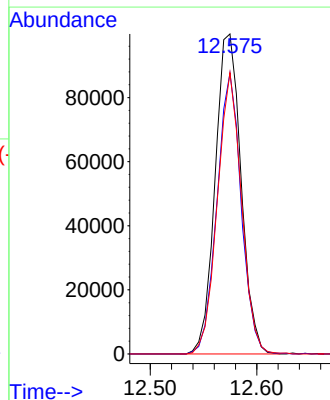
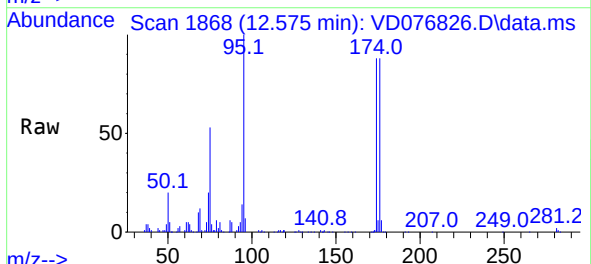
Instrument :
MSVOA_D
ClientSampleId :

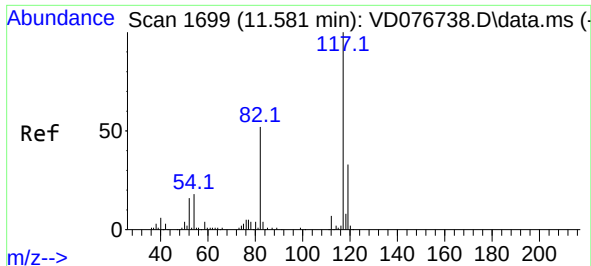
Tgt Ion: 98 Resp: 571105
Ion Ratio Lower Upper
98 100
100 65.2 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 49.850 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076826.D
Acq: 27 Jul 2023 11:29

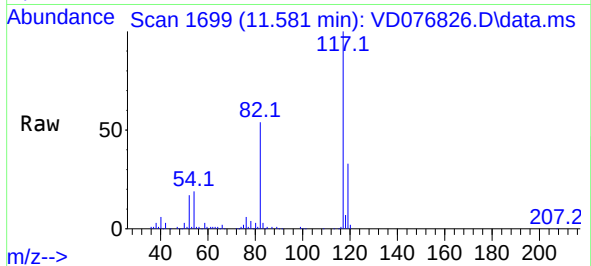
Tgt Ion: 95 Resp: 168169
Ion Ratio Lower Upper
95 100
174 82.2 0.0 201.8
176 81.8 0.0 191.8



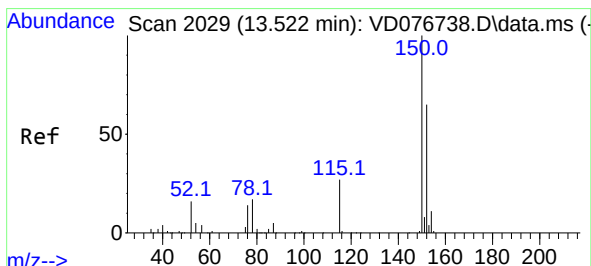
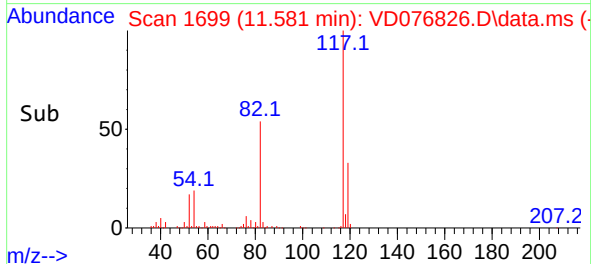
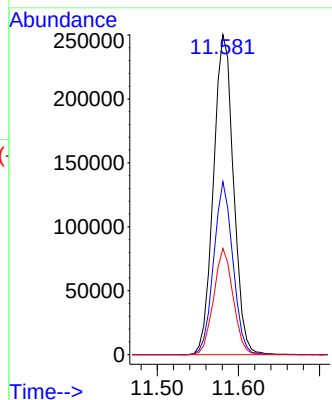


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076826.D
Acq: 27 Jul 2023 11:29

Instrument :
MSVOA_D
ClientSampleId :

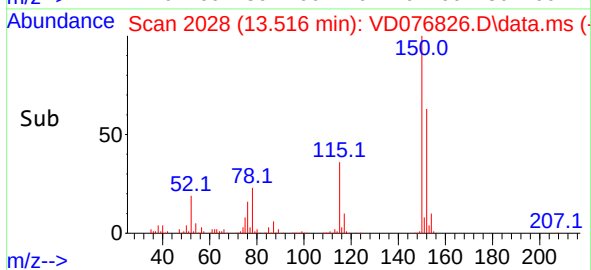
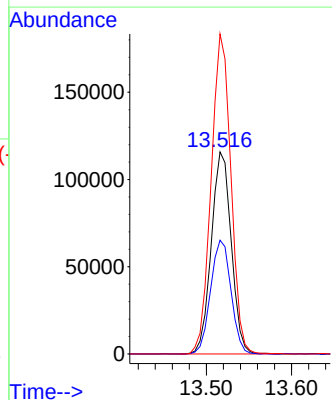
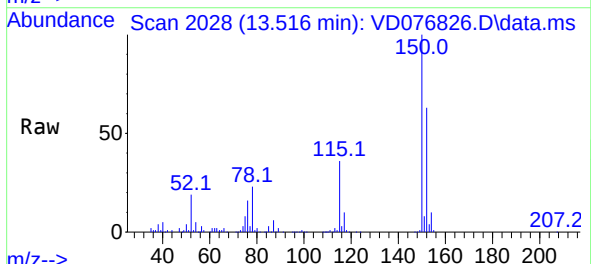


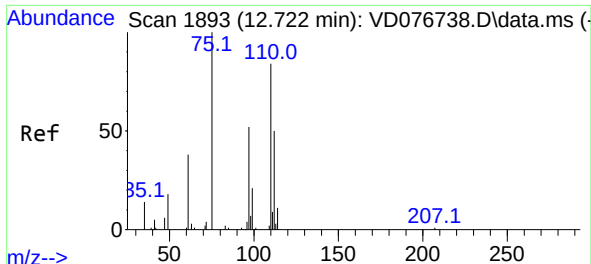
Tgt Ion:117 Resp: 428781
Ion Ratio Lower Upper
117 100
82 54.1 38.3 57.5
119 33.2 25.0 37.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD076826.D
Acq: 27 Jul 2023 11:29

Tgt Ion:152 Resp: 188325
Ion Ratio Lower Upper
152 100
115 57.5 27.1 81.3
150 156.7 0.0 353.6

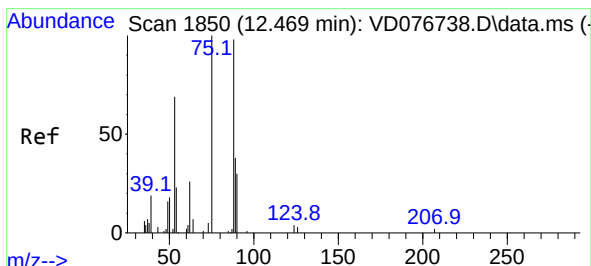
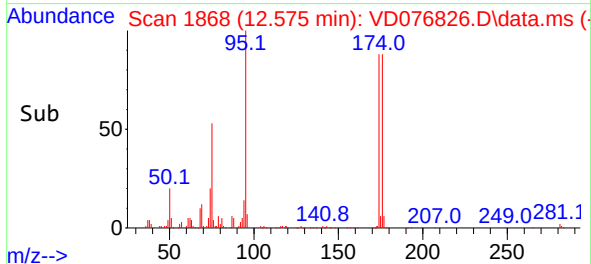
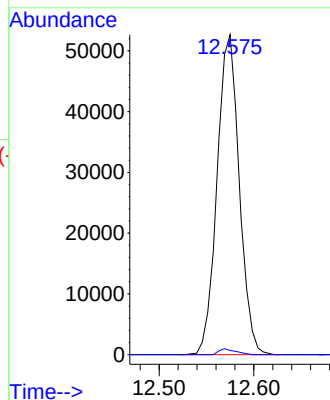
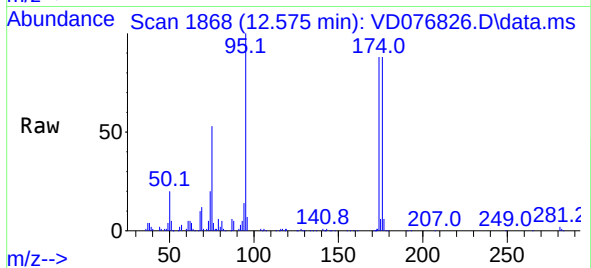




#76
1,2,3-Trichloropropane
Concen: 47.915 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD076826.D
Acq: 27 Jul 2023 11:29

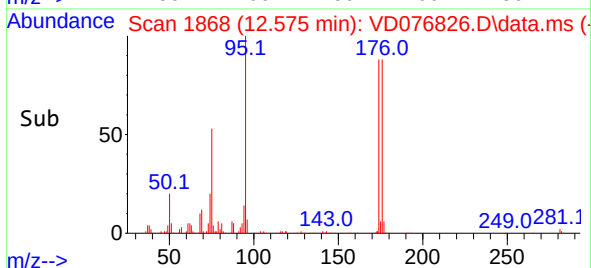
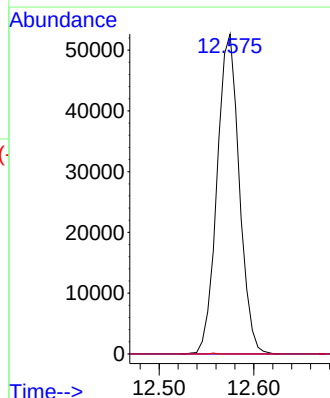
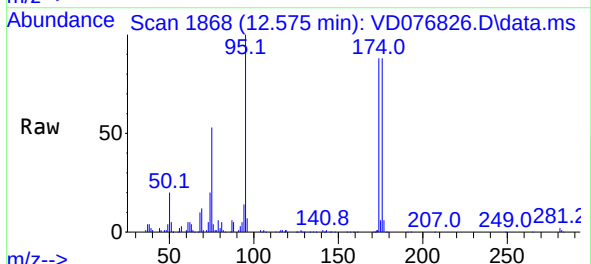
Instrument :
MSVOA_D
ClientSampleId :

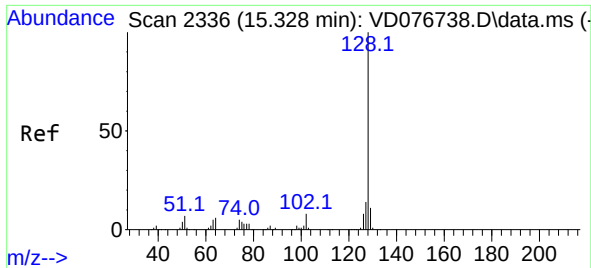
Tgt Ion: 75 Resp: 85814
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 101.976 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD076826.D
Acq: 27 Jul 2023 11:29

Tgt Ion: 75 Resp: 85814
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.1 37.9 56.9#





#95

Naphthalene

Concen: 1.262 ug/l

RT: 15.334 min Scan# 21

Delta R.T. 0.006 min

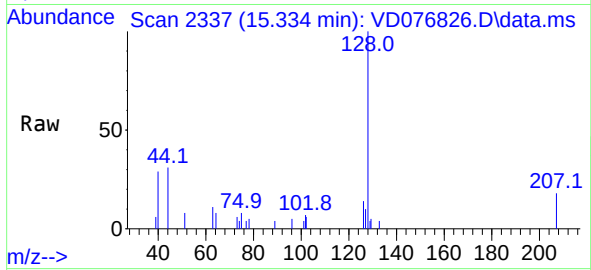
Lab File: VD076826.D

Acq: 27 Jul 2023 11:29

Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:128 Resp: 9539

Ion Ratio Lower Upper

128 100

127 10.1 10.5 15.7#

129 9.6 8.7 13.1

