

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072624\
 Data File : VD079418.D
 Acq On : 26 Jul 2024 19:59
 Operator : RP/MD
 Sample : P3358-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 27 03:38:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 12:23:49 2024
 Response via : Initial Calibration

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

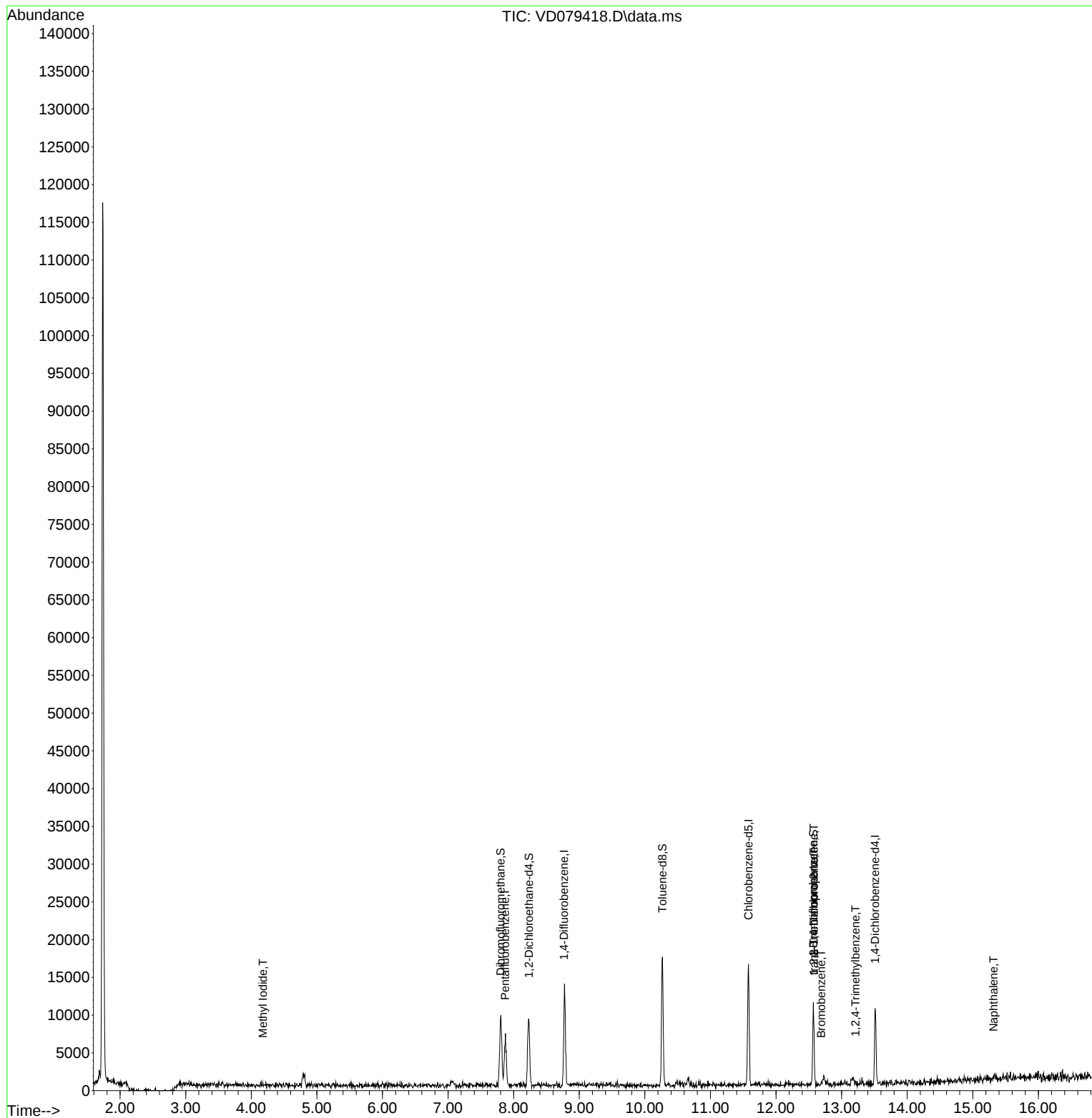
Internal Standards						
1) Pentafluorobenzene	7.869	168	6380	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.769	114	13837	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	11293	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	4085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	6931	116.126	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 232.260%#	
35) Dibromofluoromethane	7.799	113	7214	86.734	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 173.460%#	
50) Toluene-d8	10.269	98	13327	40.334	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 80.660%	
62) 4-Bromofluorobenzene	12.569	95	4187	40.693	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.380%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.175	142	88	1.584	ug/l #	41
38) Carbon Tetrachloride	7.893	117	193	Below Cal	#	13
60) Dibromochloromethane	11.216	129	56	Below Cal	#	11
76) 1,2,3-Trichloropropane	12.575	75	1590	39.434	ug/l #	100
77) Bromobenzene	12.687	156	141	1.709	ug/l #	8
78) n-propylbenzene	12.763	91	60	Below Cal	#	51
79) 2-Chlorotoluene	12.763	91	60	Below Cal	#	37
81) trans-1,4-Dichloro-2-b...	12.575	75	1590	83.428	ug/l #	19
82) 4-Chlorotoluene	12.763	91	60	Below Cal	#	37
84) 1,2,4-Trimethylbenzene	13.210	105	131	1.020	ug/l #	29
95) Naphthalene	15.316	128	336	4.891	ug/l #	70

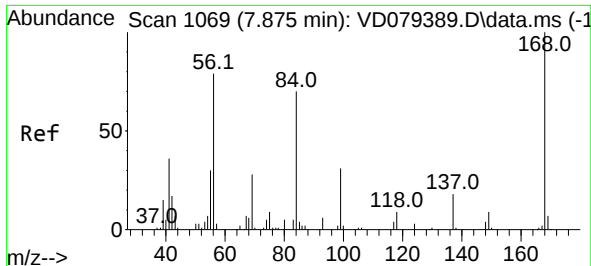
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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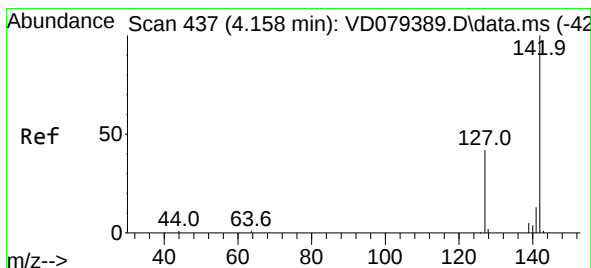
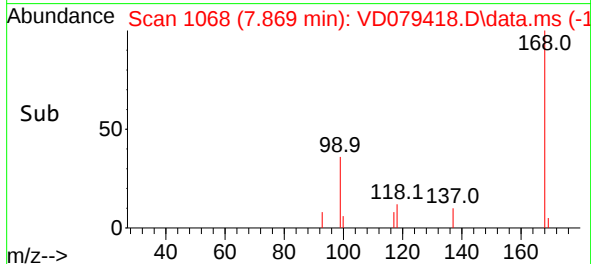
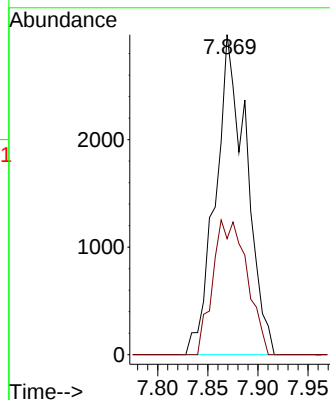
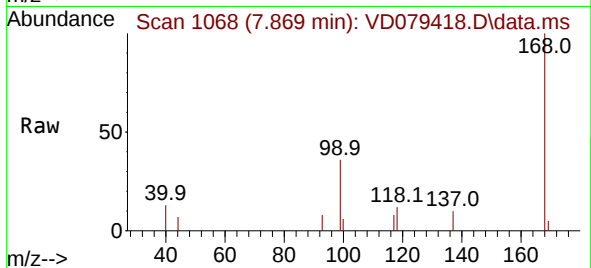




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079418.D
Acq: 26 Jul 2024 19:59

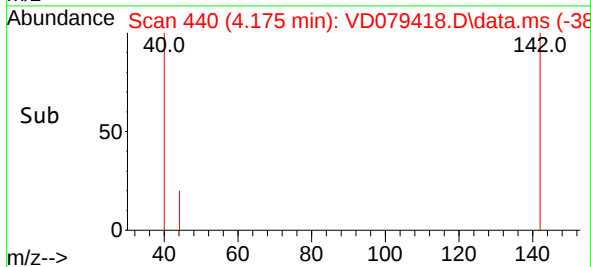
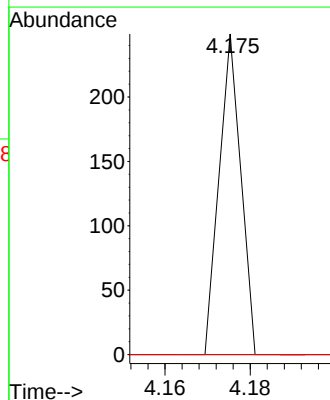
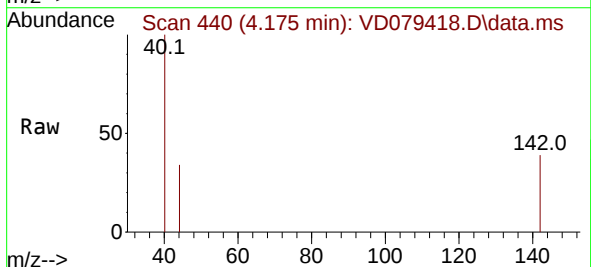
Instrument :
MSVOA_D
ClientSampleId :

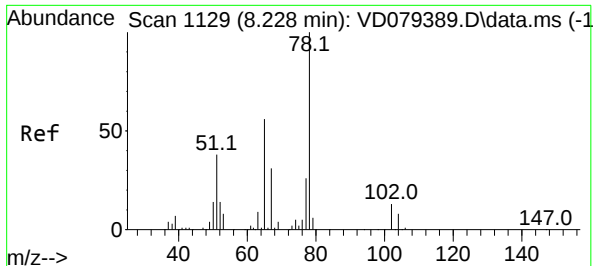
Tgt Ion:168 Resp: 6380
Ion Ratio Lower Upper
168 100
99 36.3 41.1 61.7#



#10
Methyl Iodide
Concen: 1.584 ug/l
RT: 4.175 min Scan# 440
Delta R.T. 0.017 min
Lab File: VD079418.D
Acq: 26 Jul 2024 19:59

Tgt Ion:142 Resp: 88
Ion Ratio Lower Upper
142 100
127 0.0 34.2 51.4#
141 0.0 11.7 17.5#





#33

1,2-Dichloroethane-d4

Concen: 116.126 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD079418.D

Acq: 26 Jul 2024 19:59

Instrument :

MSVOA_D

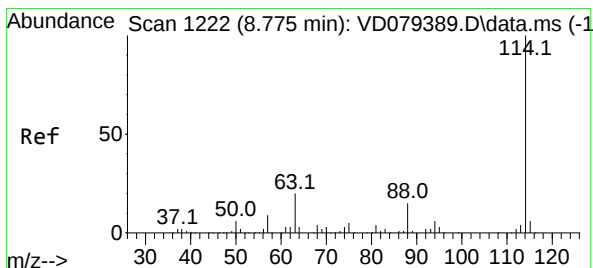
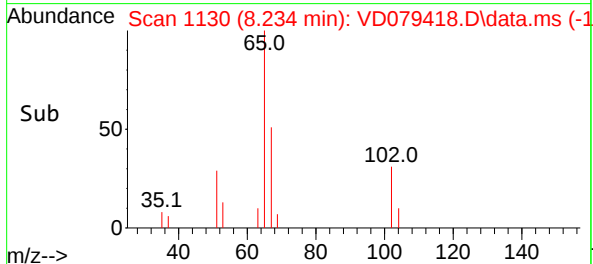
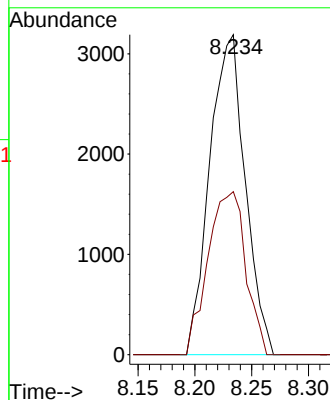
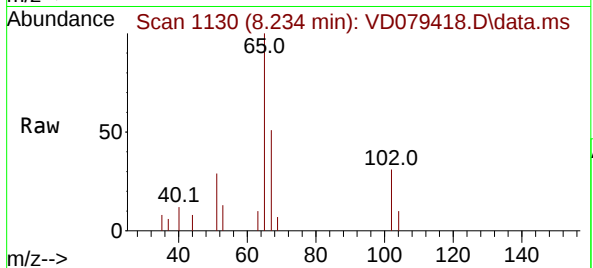
ClientSampleId :

Tgt Ion: 65 Resp: 6931

Ion Ratio Lower Upper

65 100

67 54.2 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.769 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VD079418.D

Acq: 26 Jul 2024 19:59

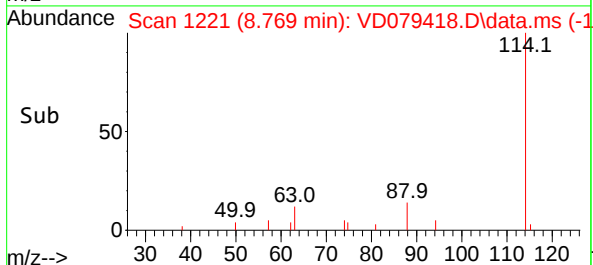
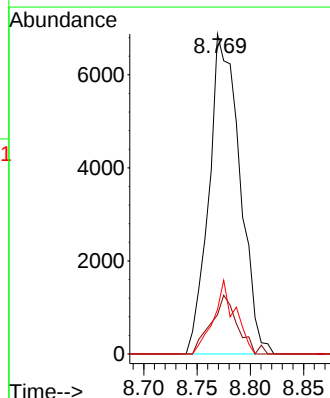
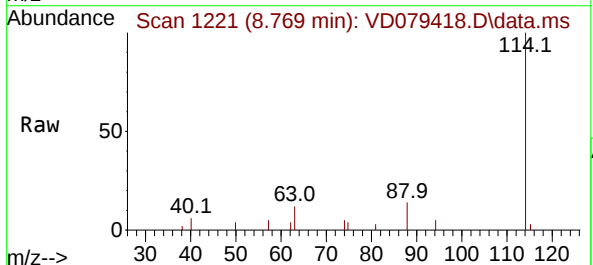
Tgt Ion: 114 Resp: 13837

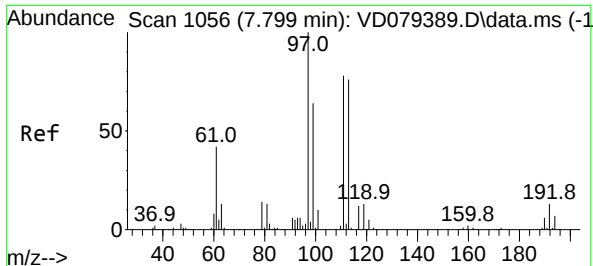
Ion Ratio Lower Upper

114 100

63 12.2 0.0 34.0

88 13.8 0.0 27.2





#35

Dibromofluoromethane

Concen: 86.734 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

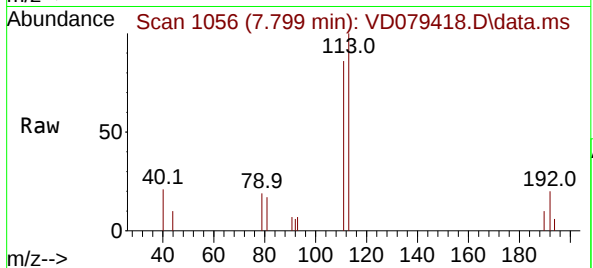
Lab File: VD079418.D

Acq: 26 Jul 2024 19:59

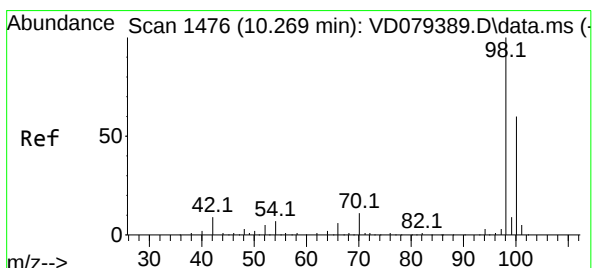
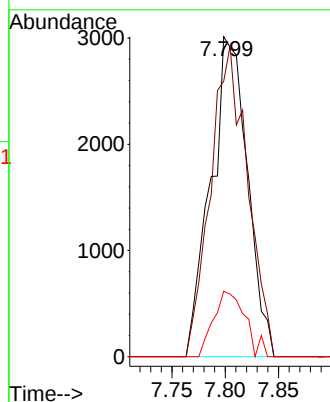
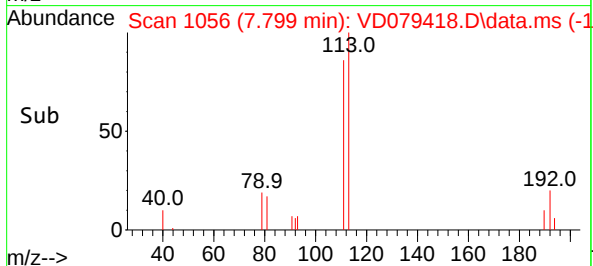
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	7214
Ion	Ratio	Lower	Upper
113	100		
111	98.1	84.0	126.0
192	17.6	15.4	23.0



#50

Toluene-d8

Concen: 40.334 ug/l

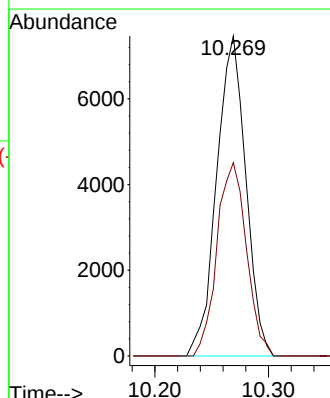
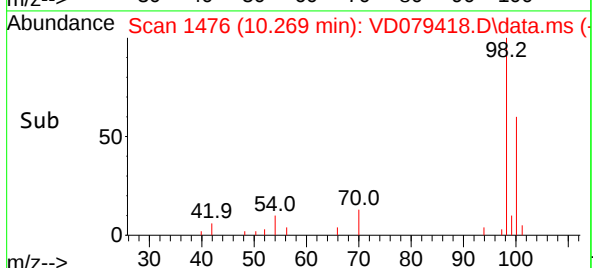
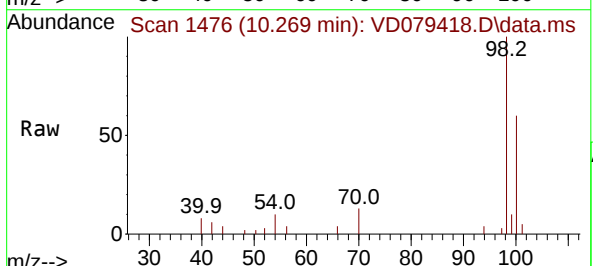
RT: 10.269 min Scan# 1476

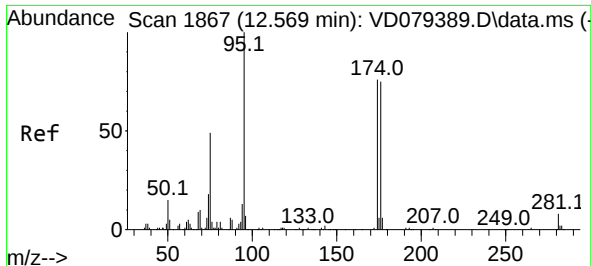
Delta R.T. -0.000 min

Lab File: VD079418.D

Acq: 26 Jul 2024 19:59

Tgt Ion:	98	Resp:	13327
Ion	Ratio	Lower	Upper
98	100		
100	61.0	51.6	77.4

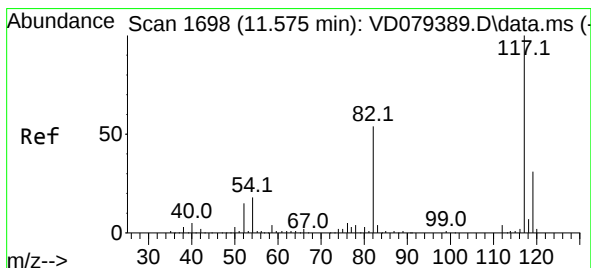
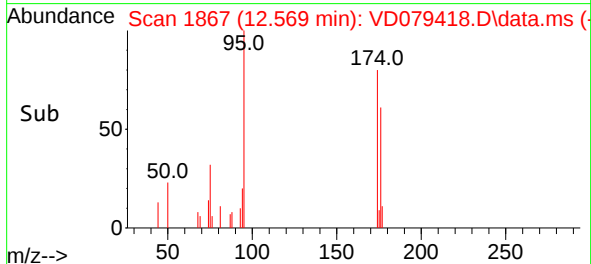
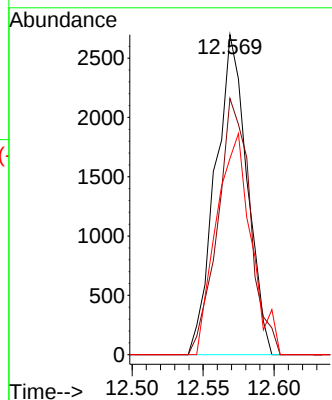
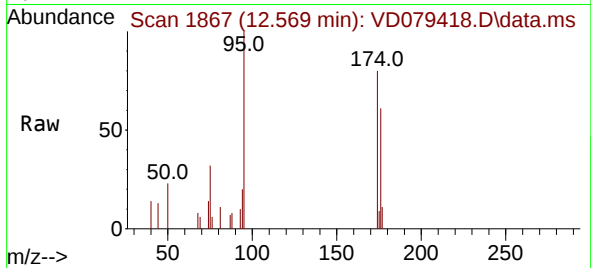




#62
4-Bromofluorobenzene
Concen: 40.693 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079418.D
Acq: 26 Jul 2024 19:59

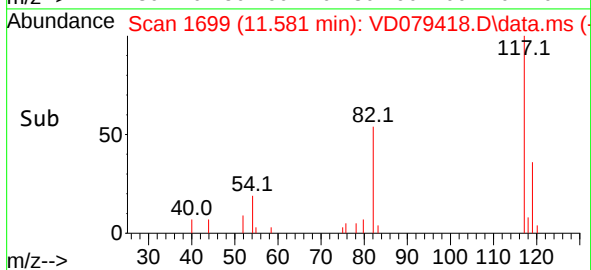
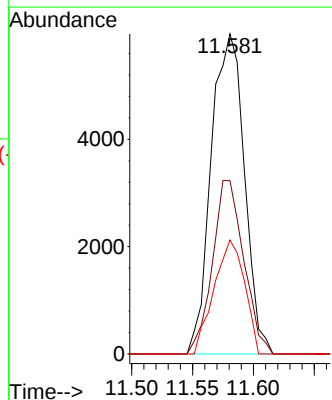
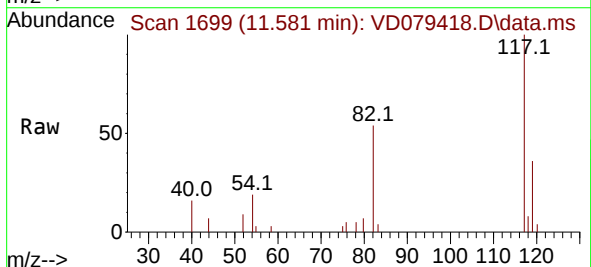
Instrument :
MSVOA_D
ClientSampleId :

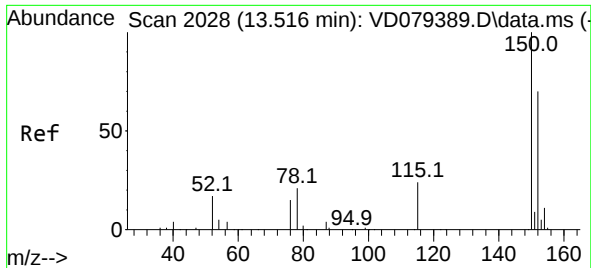
Tgt Ion:	95	Resp:	4187
Ion	Ratio	Lower	Upper
95	100		
174	82.2	0.0	195.4
176	75.6	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079418.D
Acq: 26 Jul 2024 19:59

Tgt Ion:	117	Resp:	11293
Ion	Ratio	Lower	Upper
117	100		
82	54.2	39.8	59.6
119	35.6	25.7	38.5

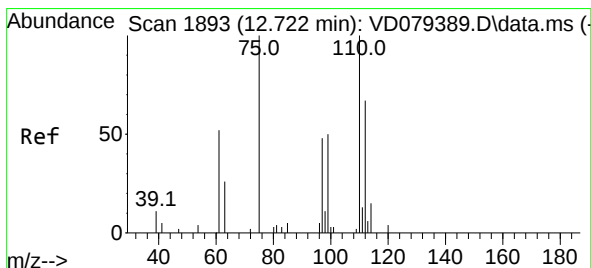
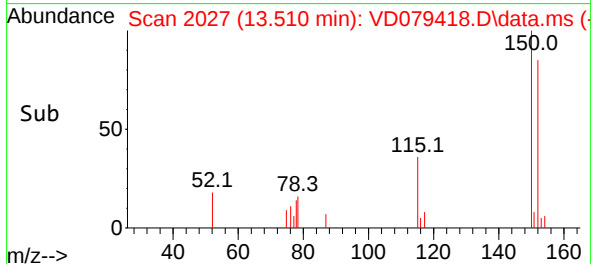
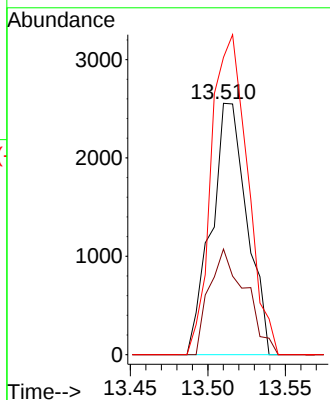
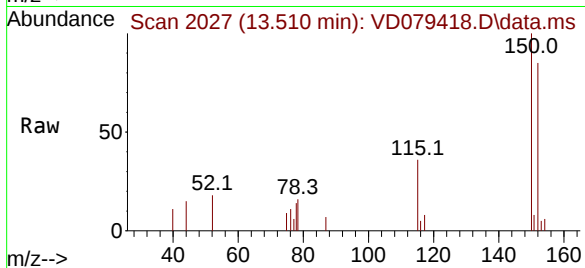




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 2028
 Delta R.T. -0.006 min
 Lab File: VD079418.D
 Acq: 26 Jul 2024 19:59

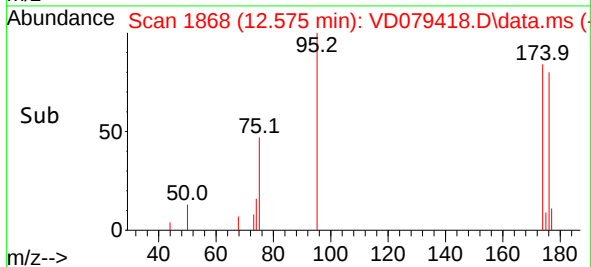
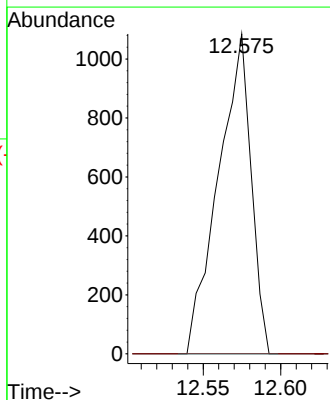
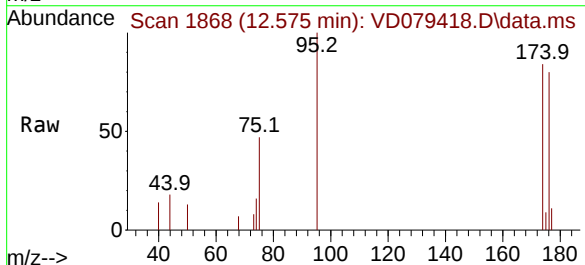
Instrument :
 MSVOA_D
 ClientSampleId :

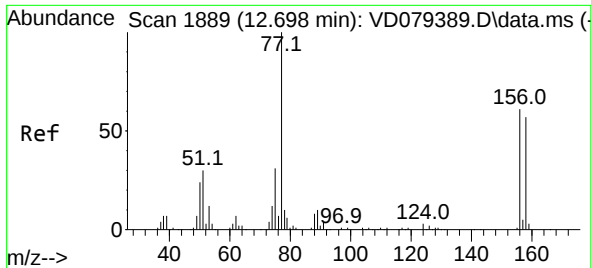
Tgt Ion:152 Resp: 4085
 Ion Ratio Lower Upper
 152 100
 115 43.0 26.5 79.5
 150 129.1 0.0 341.6



#76
 1,2,3-Trichloropropane
 Concen: 39.434 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD079418.D
 Acq: 26 Jul 2024 19:59

Tgt Ion: 75 Resp: 1590
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0

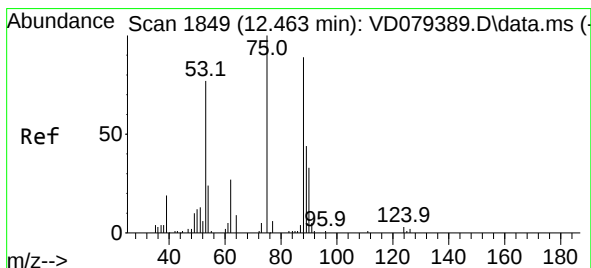
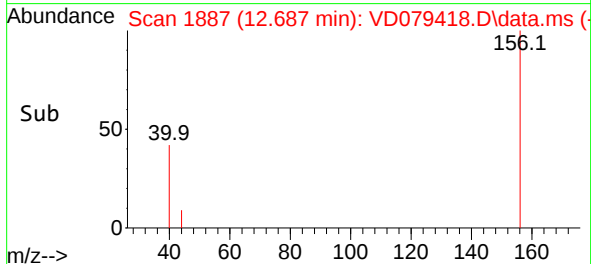
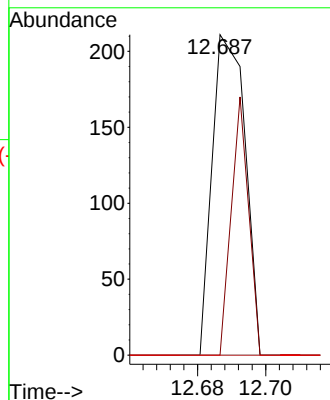
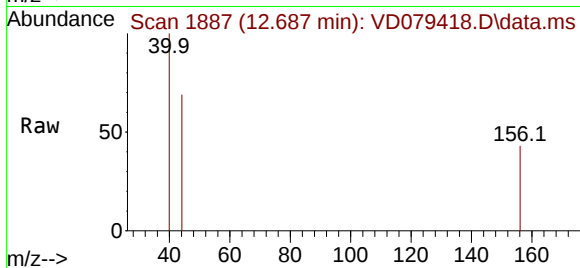




#77
Bromobenzene
Concen: 1.709 ug/l
RT: 12.687 min Scan# 1887
Delta R.T. -0.012 min
Lab File: VD079418.D
Acq: 26 Jul 2024 19:59

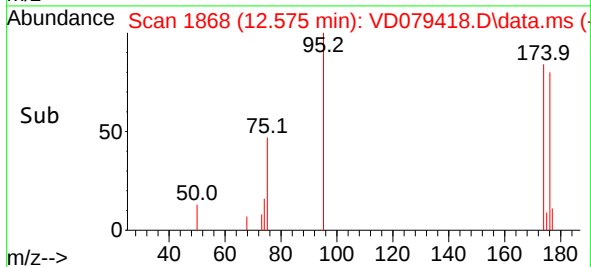
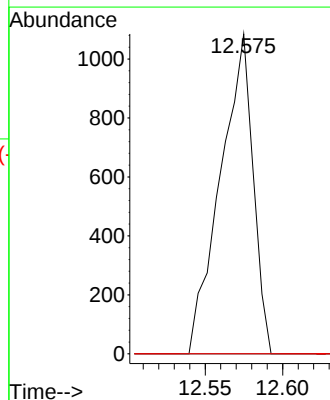
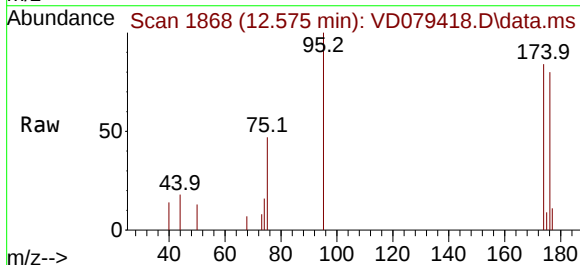
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MSVOA_D
ClientSampleId :

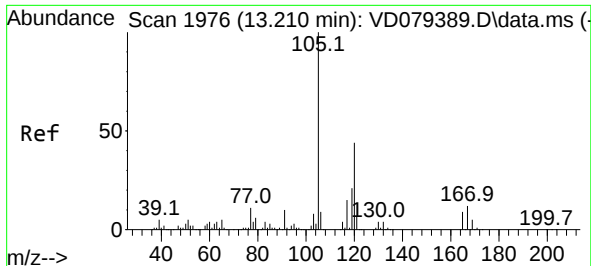
Tgt Ion:156 Resp: 141
Ion Ratio Lower Upper
156 100
77 42.6 77.3 231.9#
158 0.0 49.6 149.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 83.428 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.112 min
Lab File: VD079418.D
Acq: 26 Jul 2024 19:59

Tgt Ion: 75 Resp: 1590
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#

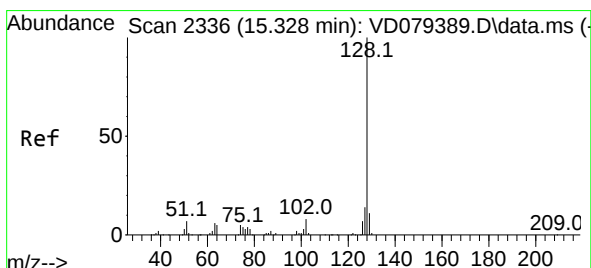
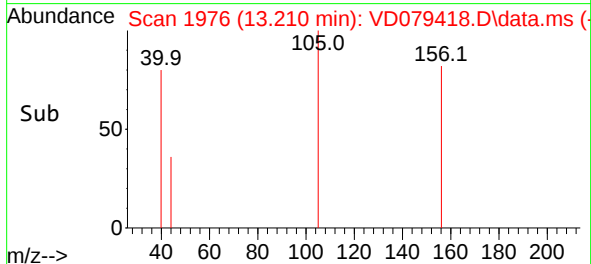
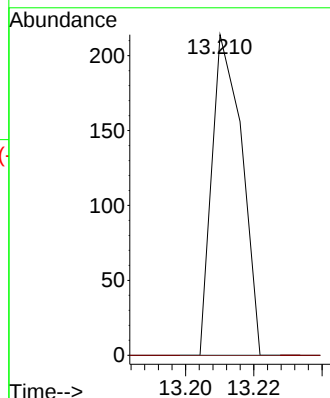
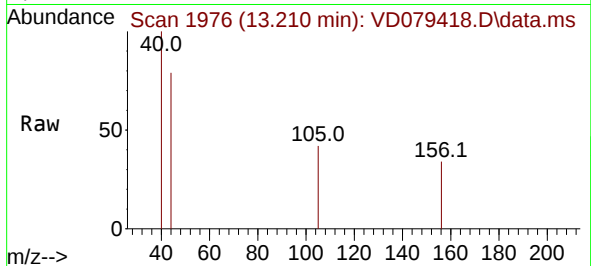




#84
1,2,4-Trimethylbenzene
Concen: 1.020 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD079418.D
Acq: 26 Jul 2024 19:59

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:105 Resp: 131
Ion Ratio Lower Upper
105 100
120 0.0 23.6 71.0#



#95
Naphthalene
Concen: 4.891 ug/l
RT: 15.316 min Scan# 2334
Delta R.T. -0.012 min
Lab File: VD079418.D
Acq: 26 Jul 2024 19:59

Tgt Ion:128 Resp: 336
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.4#
129 0.0 8.5 12.7#

