

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070824\
 Data File : VD079351.D
 Acq On : 08 Jul 2024 19:56
 Operator : RP/MD
 Sample : P3159-01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 09 04:58:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 08 17:06:59 2024
 Response via : Initial Calibration

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

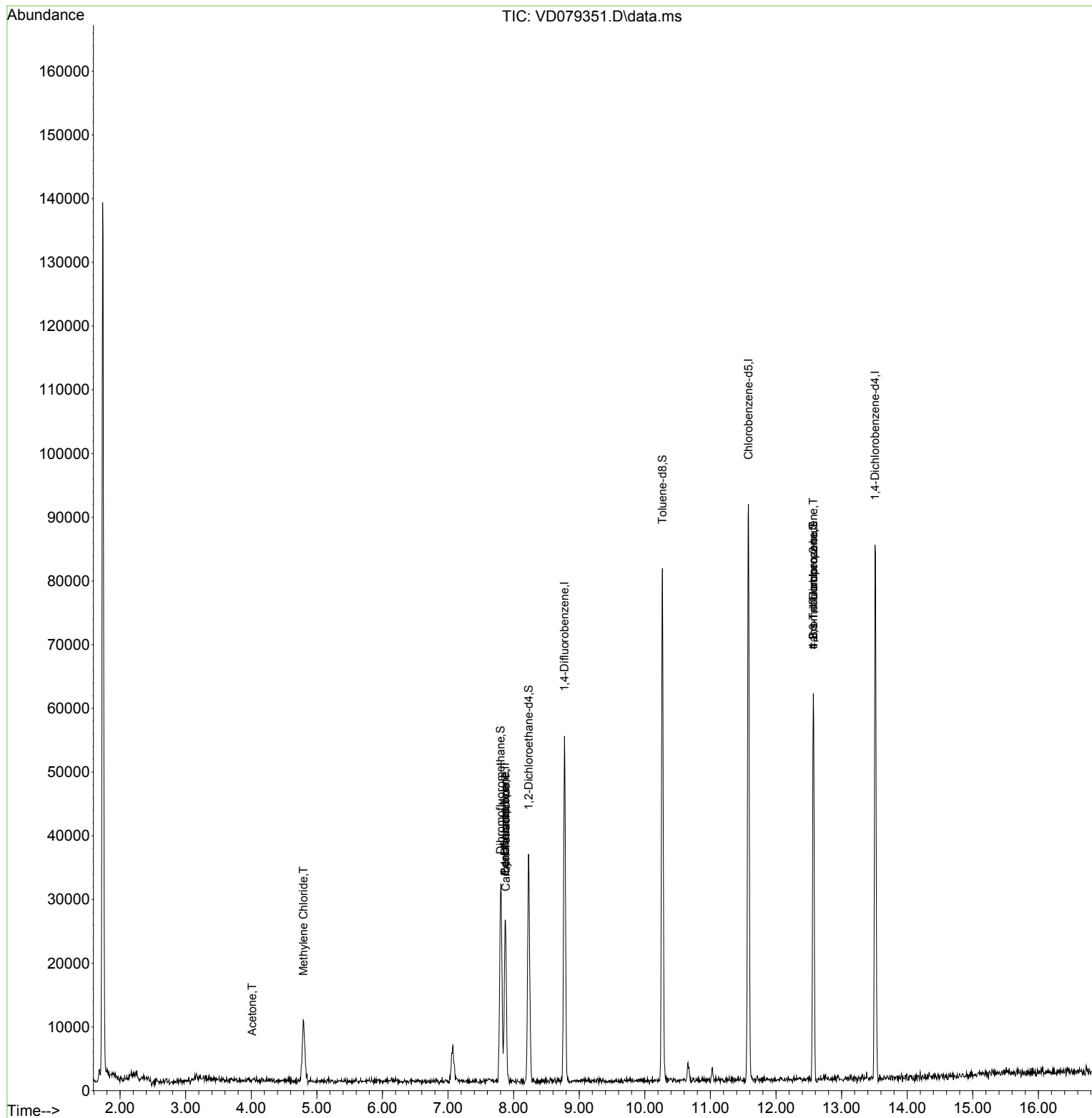
Internal Standards						
1) Pentafluorobenzene	7.869	168	18790	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	48855	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	57014	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	22822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	27545	124.397	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 248.800%#	
35) Dibromofluoromethane	7.799	113	24204	70.226	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 140.460%	
50) Toluene-d8	10.269	98	58440	43.986	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 87.980%	
62) 4-Bromofluorobenzene	12.569	95	21904	53.043	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 106.080%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.687	94	281	Below Cal	#	2
16) Acetone	4.017	43	446	10.590	ug/l #	37
20) Methylene Chloride	4.793	84	7478	16.817	ug/l #	84
31) Cyclohexane	7.869	56	607	1.813	ug/l #	23
36) 1,1-Dichloropropene	7.869	75	1458	3.330	ug/l #	39
38) Carbon Tetrachloride	7.881	117	2086	4.526	ug/l #	13
76) 1,2,3-Trichloropropane	12.569	75	10483	47.807	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	10483	90.138	ug/l #	19

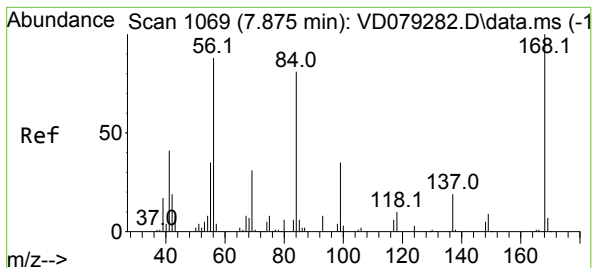
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070824\
Data File : VD079351.D
Acq On : 08 Jul 2024 19:56
Operator : RP/MD
Sample : P3159-01
Misc : 5.00G/5.0ml/MSVOA_D/SOIL/B
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Jul 09 04:58:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070824S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 08 17:06:59 2024
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.869 min Scan# 1069

Delta R.T. -0.006 min

Lab File: VD079351.D

Acq: 08 Jul 2024 19:56

Instrument :

MSVOA_D

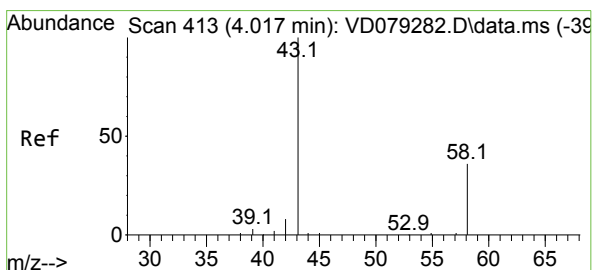
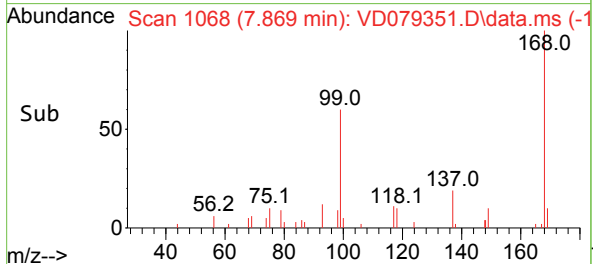
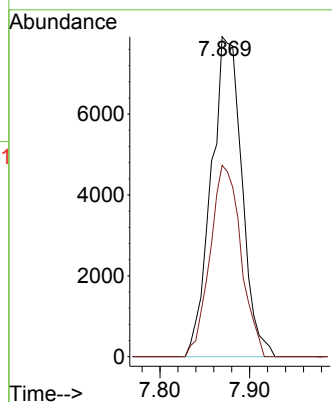
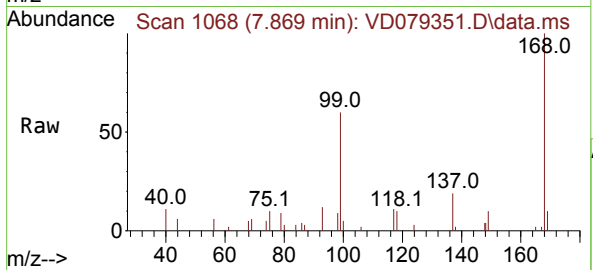
ClientSampleId :

Tgt Ion:168 Resp: 18790

Ion Ratio Lower Upper

168 100

99 59.8 41.1 61.7



#16

Acetone

Concen: 10.590 ug/l

RT: 4.017 min Scan# 413

Delta R.T. -0.000 min

Lab File: VD079351.D

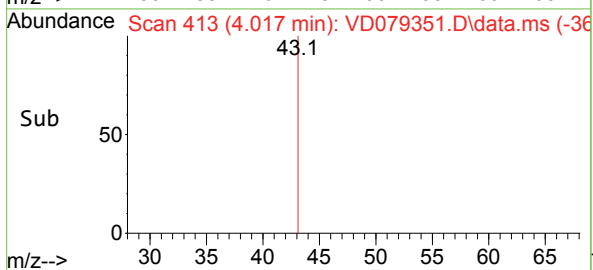
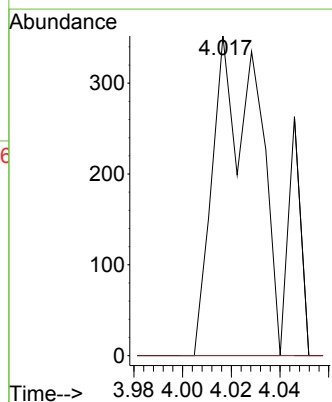
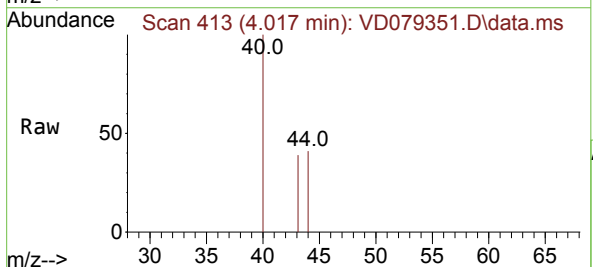
Acq: 08 Jul 2024 19:56

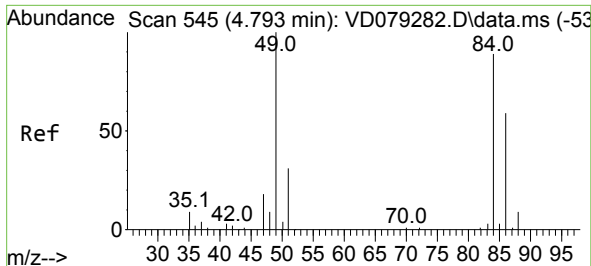
Tgt Ion: 43 Resp: 446

Ion Ratio Lower Upper

43 100

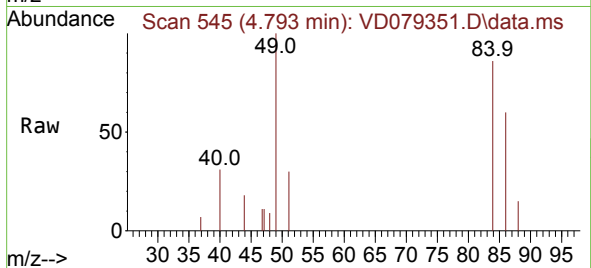
58 0.0 30.4 45.6#





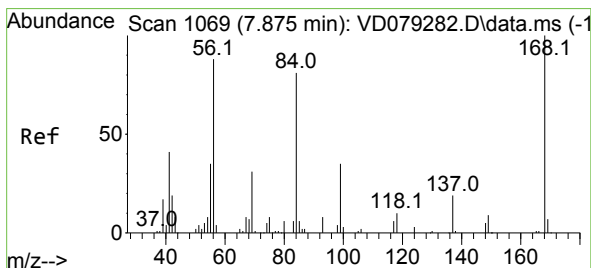
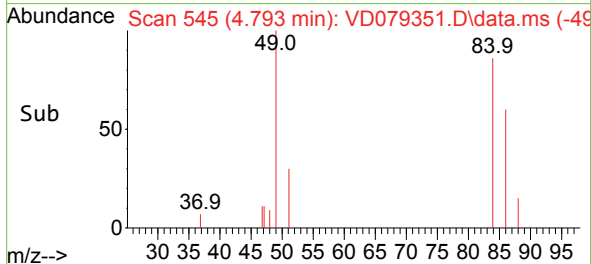
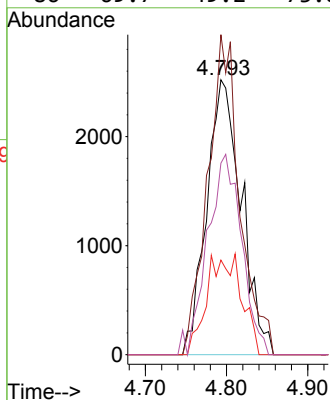
#20
Methylene Chloride
Concen: 16.817 ug/l
RT: 4.793 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD079351.D
Acq: 08 Jul 2024 19:56

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 84 Resp: 7478

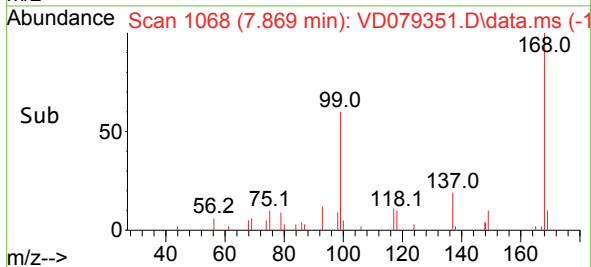
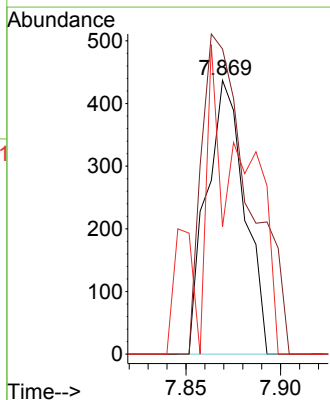
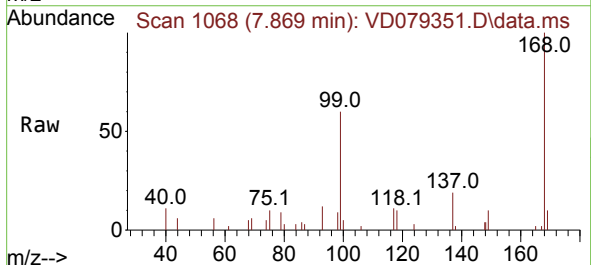
Ion	Ratio	Lower	Upper
84	100		
49	116.4	75.6	113.4#
51	34.4	24.2	36.2
86	69.7	49.2	73.8

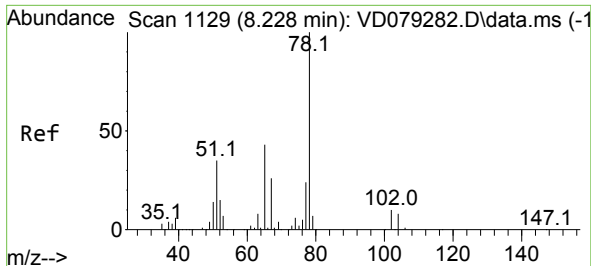


#31
Cyclohexane
Concen: 1.813 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD079351.D
Acq: 08 Jul 2024 19:56

Tgt Ion: 56 Resp: 607

Ion	Ratio	Lower	Upper
56	100		
69	111.4	28.0	42.0#
84	46.5	87.4	131.0#





#33

1,2-Dichloroethane-d4

Concen: 124.397 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079351.D

Acq: 08 Jul 2024 19:56

Instrument :

MSVOA_D

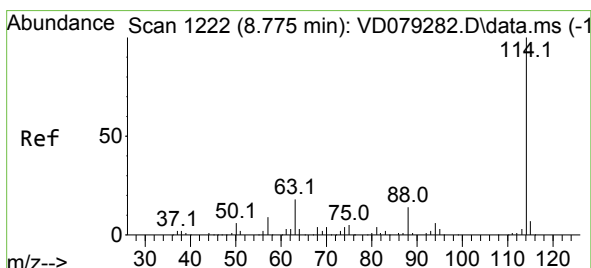
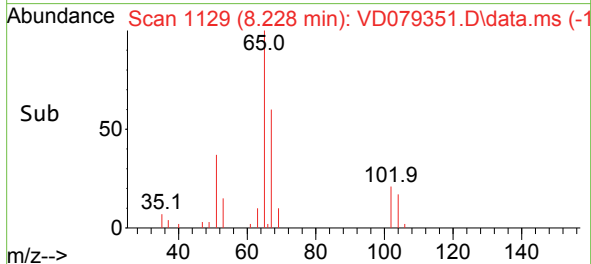
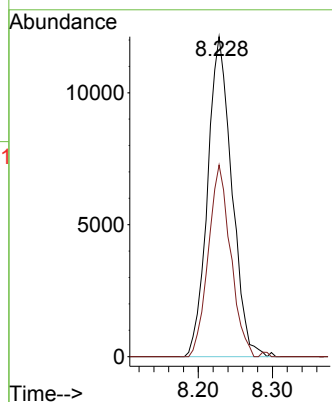
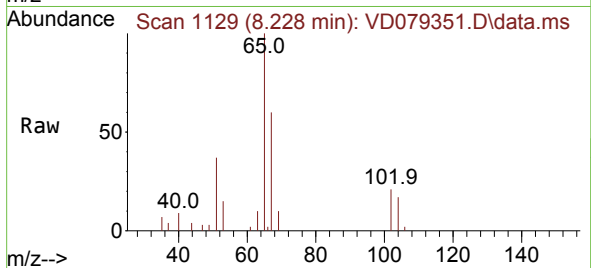
ClientSampleId :

Tgt Ion: 65 Resp: 27545

Ion Ratio Lower Upper

65 100

67 55.2 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079351.D

Acq: 08 Jul 2024 19:56

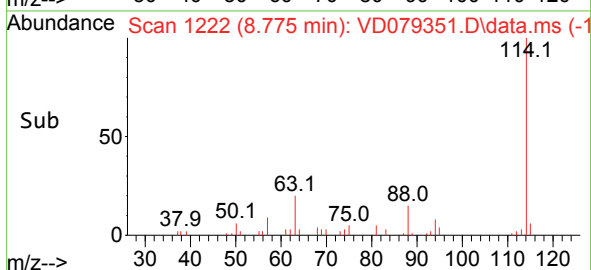
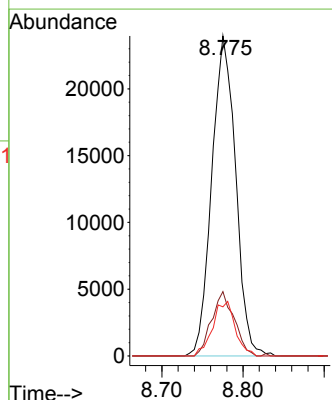
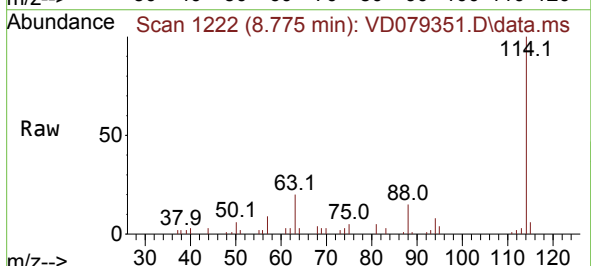
Tgt Ion: 114 Resp: 48855

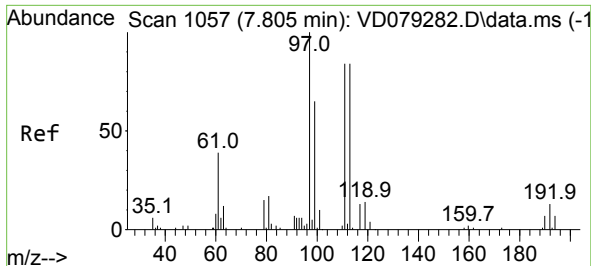
Ion Ratio Lower Upper

114 100

63 20.1 0.0 34.0

88 15.3 0.0 27.2





#35

Dibromofluoromethane

Concen: 70.226 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

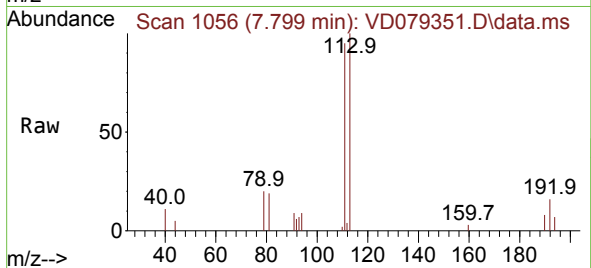
Lab File: VD079351.D

Acq: 08 Jul 2024 19:56

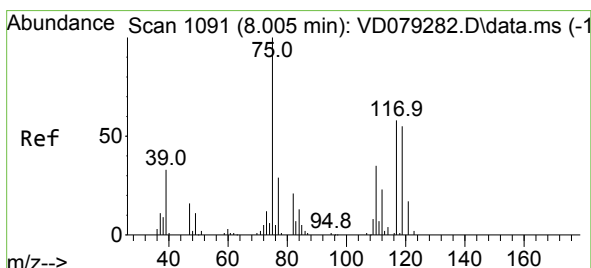
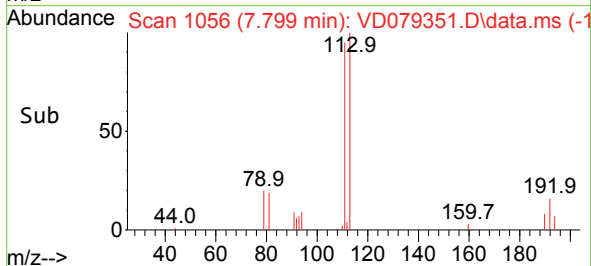
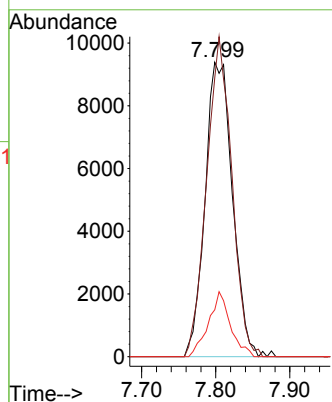
Instrument :

MSVOA_D

ClientSampleId :



Tgt Ion:	113	Resp:	24204
Ion	Ratio	Lower	Upper
113	100		
111	99.7	84.0	126.0
192	17.6	15.4	23.0



#36

1,1-Dichloropropene

Concen: 3.330 ug/l

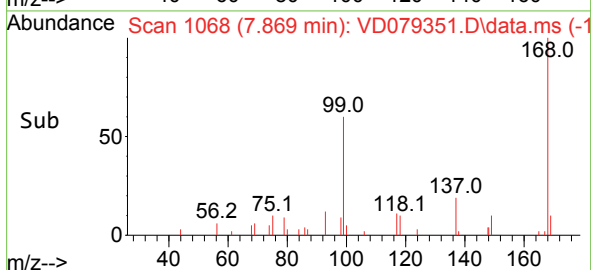
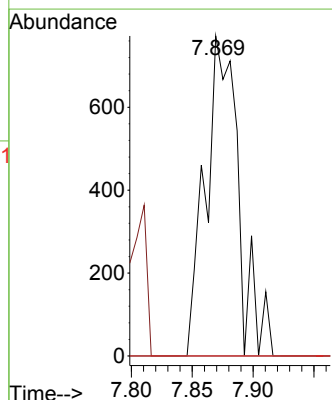
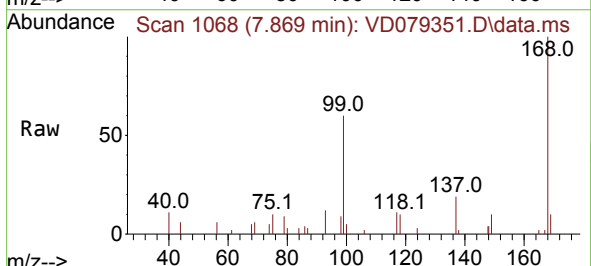
RT: 7.869 min Scan# 1068

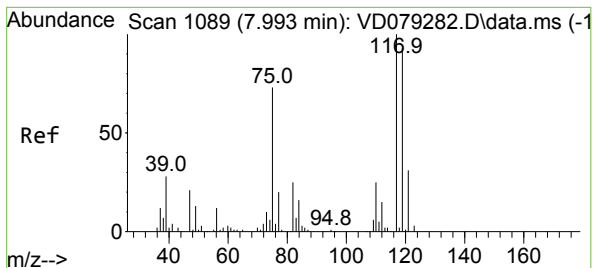
Delta R.T. -0.135 min

Lab File: VD079351.D

Acq: 08 Jul 2024 19:56

Tgt Ion:	75	Resp:	1458
Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.6	58.7#
77	0.0	26.1	39.1#





#38

Carbon Tetrachloride

Concen: 4.526 ug/l

RT: 7.881 min Scan# 1089

Delta R.T. -0.106 min

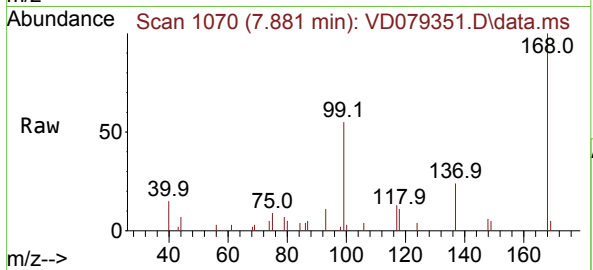
Lab File: VD079351.D

Acq: 08 Jul 2024 19:56

Instrument :

MSVOA_D

ClientSampleId :



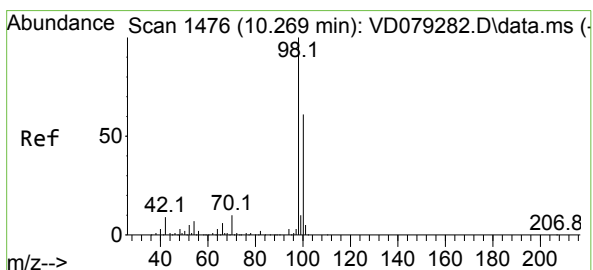
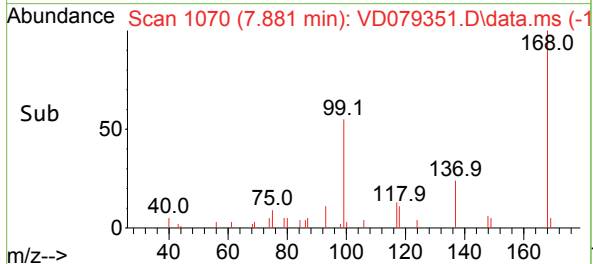
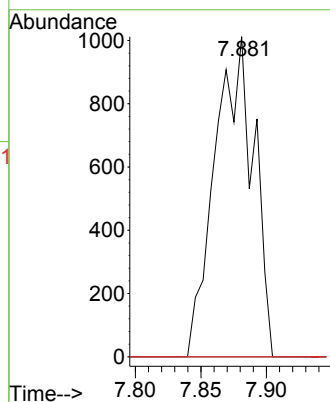
Tgt Ion:117 Resp: 2086

Ion Ratio Lower Upper

117 100

119 0.0 75.4 113.0#

121 0.0 25.0 37.4#



#50

Toluene-d8

Concen: 43.986 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079351.D

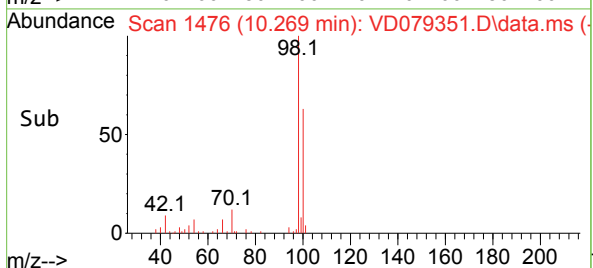
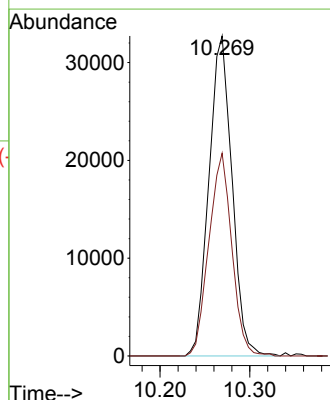
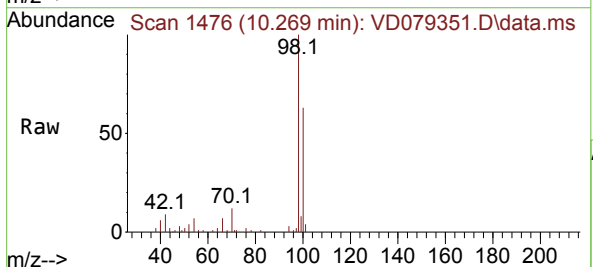
Acq: 08 Jul 2024 19:56

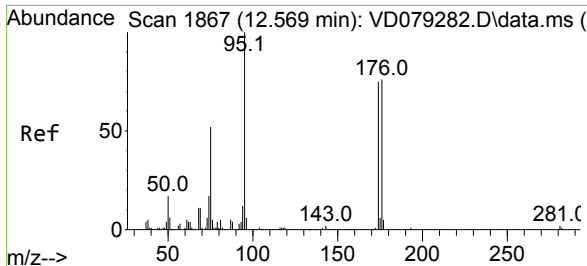
Tgt Ion: 98 Resp: 58440

Ion Ratio Lower Upper

98 100

100 63.0 51.6 77.4

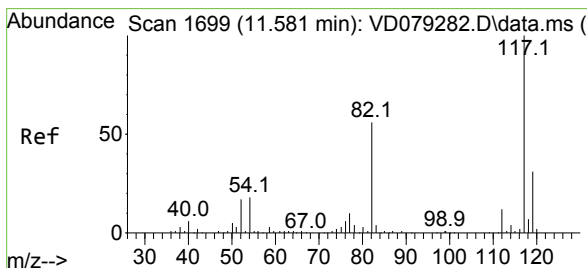
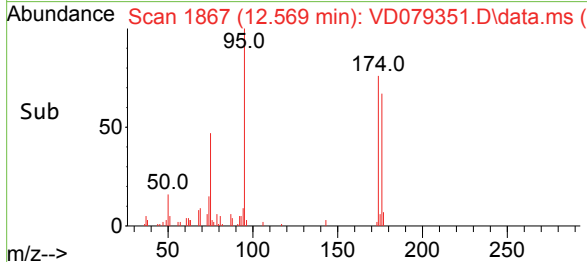
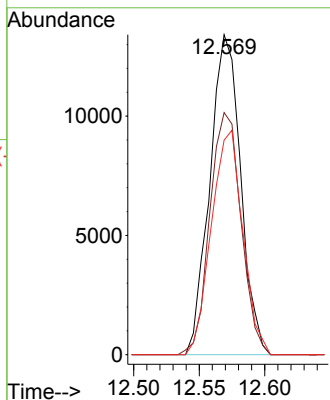
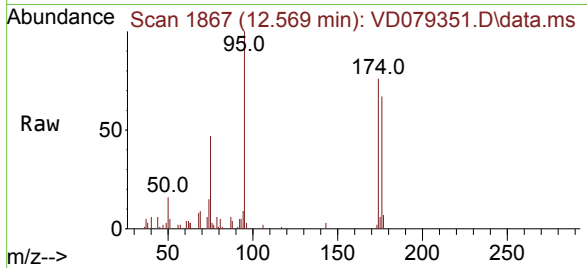




#62
4-Bromofluorobenzene
Concen: 53.043 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079351.D
Acq: 08 Jul 2024 19:56

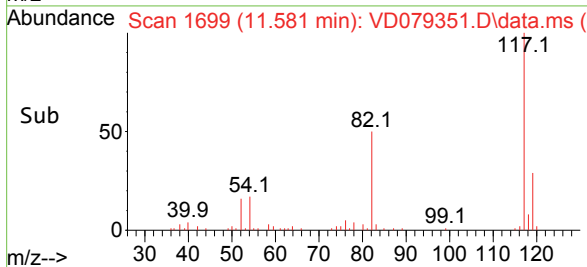
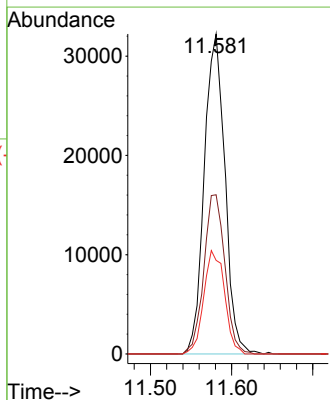
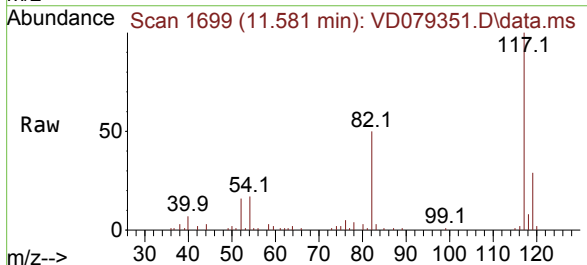
Instrument :
MSVOA_D
ClientSampleId :

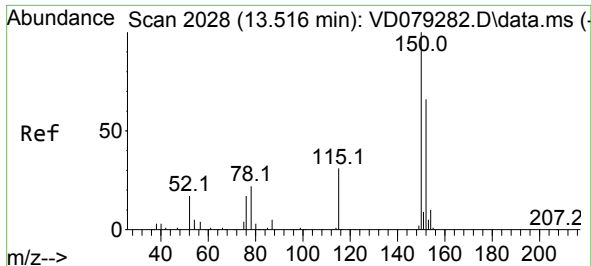
Tgt Ion:	95	Resp:	21904
Ion Ratio	Lower	Upper	
95	100		
174	76.6	0.0	195.4
176	71.6	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079351.D
Acq: 08 Jul 2024 19:56

Tgt Ion:	117	Resp:	57014
Ion Ratio	Lower	Upper	
117	100		
82	49.8	39.8	59.6
119	29.2	25.7	38.5

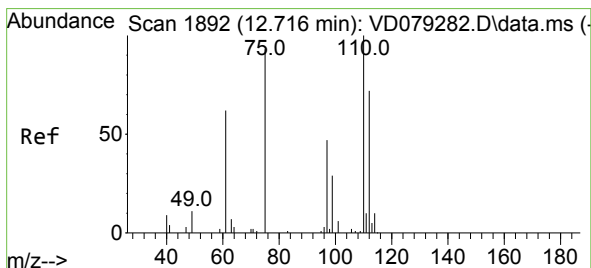
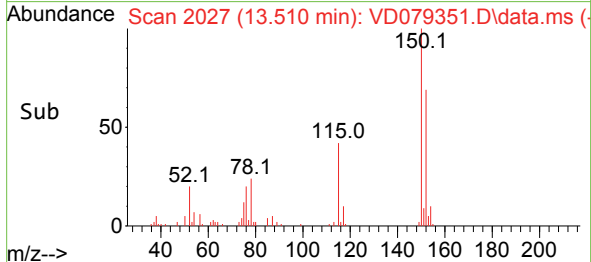
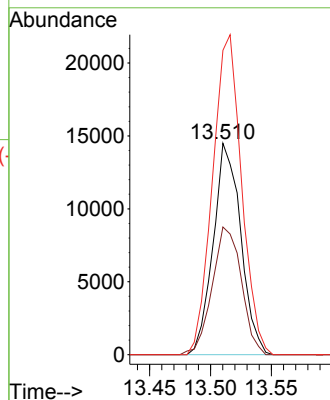
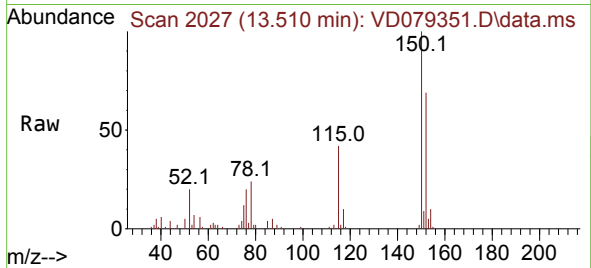




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD079351.D
Acq: 08 Jul 2024 19:56

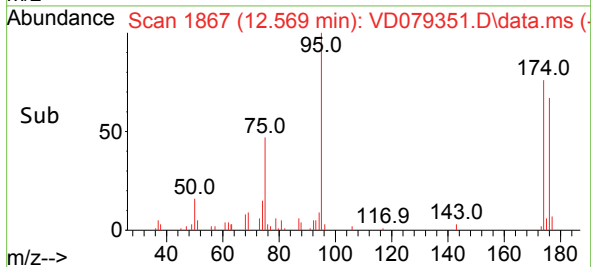
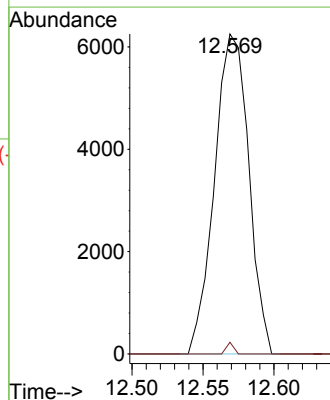
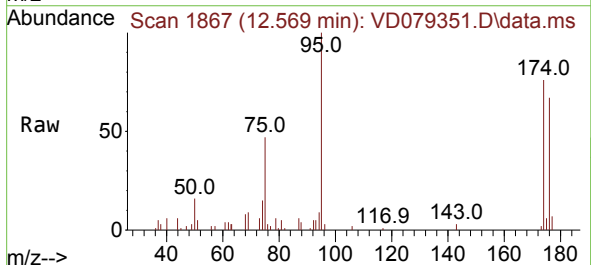
Instrument :
MSVOA_D
ClientSampleId :

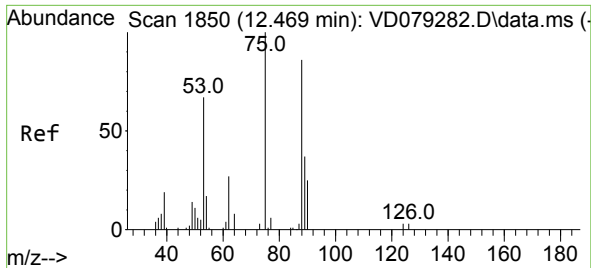
Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.0	26.5	79.5
150	159.1	0.0	341.6



#76
1,2,3-Trichloropropane
Concen: 47.807 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079351.D
Acq: 08 Jul 2024 19:56

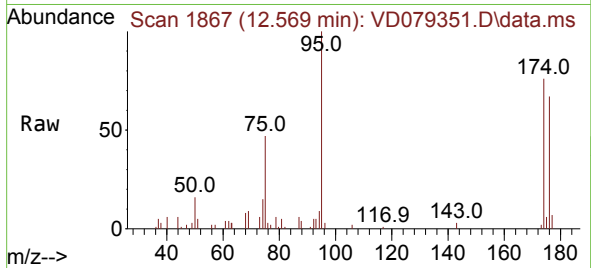
Tgt Ion	Ratio	Lower	Upper
75	100		
77	0.8	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 90.138 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD079351.D
Acq: 08 Jul 2024 19:56

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 10483
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#

