

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
 Data File : VD079320.D
 Acq On : 02 Jul 2024 15:47
 Operator : RP/MD
 Sample : P3141-02
 Misc : 7.43G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

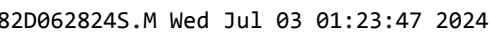
Quant Time: Jul 03 01:23:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

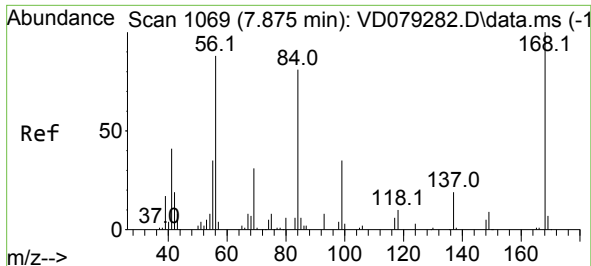
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	114647	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	246797	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	217075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	71437	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	60490	54.305	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.620%	
35) Dibromofluoromethane	7.805	113	72178	44.555	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 89.120%	
50) Toluene-d8	10.269	98	207119	35.540	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 71.080%	
62) 4-Bromofluorobenzene	12.569	95	59412	31.792	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 63.580%	
Target Compounds						Qvalue
5) Bromomethane	2.687	94	349	Below Cal	81	
31) Cyclohexane	7.875	56	2823	1.158	ug/l #	1
36) 1,1-Dichloropropene	7.875	75	11009	4.374	ug/l #	45
38) Carbon Tetrachloride	7.869	117	13017	5.093	ug/l #	19
76) 1,2,3-Trichloropropane	12.569	75	31320	43.810	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	31320	81.294	ug/l #	19

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

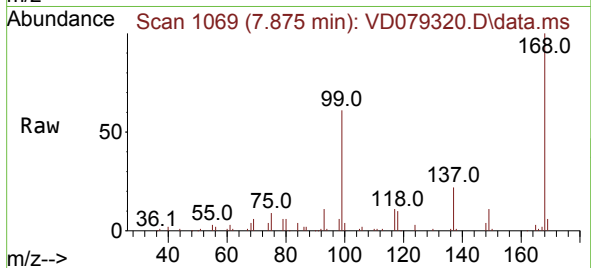
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
Quant Title : SW846 8260
QLast Update : Sat Jun 29 06:28:31 2024
Response via : Initial Calibration



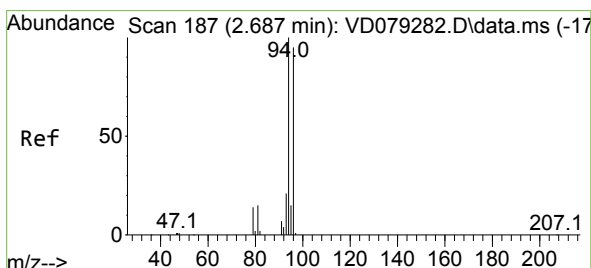
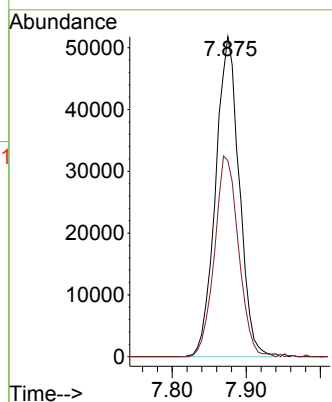
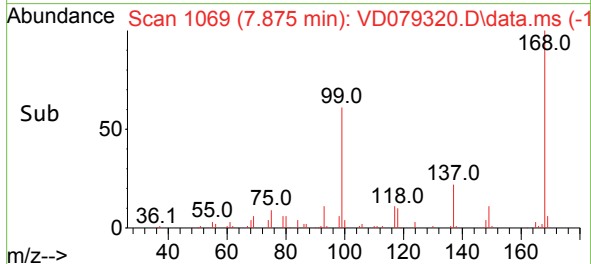


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079320.D
Acq: 02 Jul 2024 15:47

Instrument :
MSVOA_D
ClientSampleId :

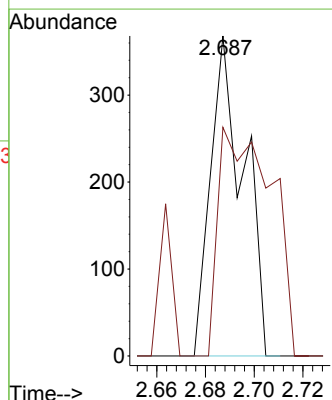
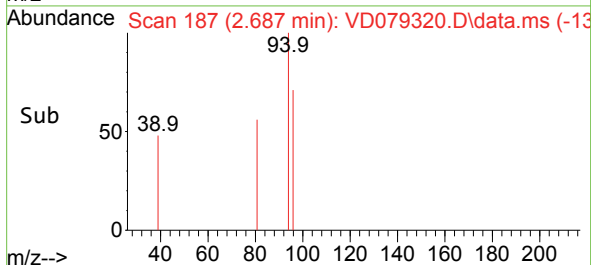
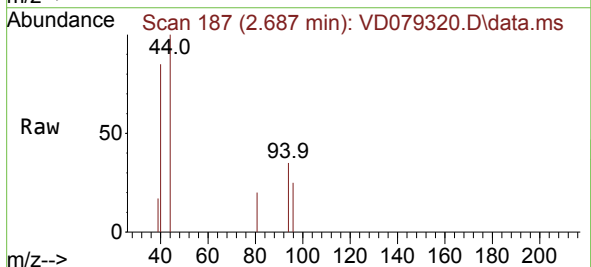


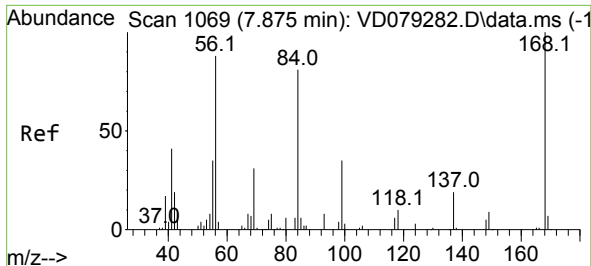
Tgt Ion:168 Resp: 114647
Ion Ratio Lower Upper
168 100
99 61.3 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.687 min Scan# 187
Delta R.T. 0.029 min
Lab File: VD079320.D
Acq: 02 Jul 2024 15:47

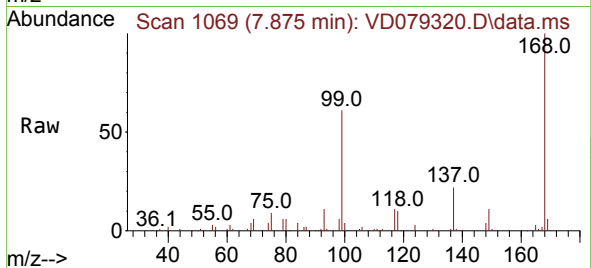
Tgt Ion: 94 Resp: 349
Ion Ratio Lower Upper
94 100
96 114.3 76.9 115.3



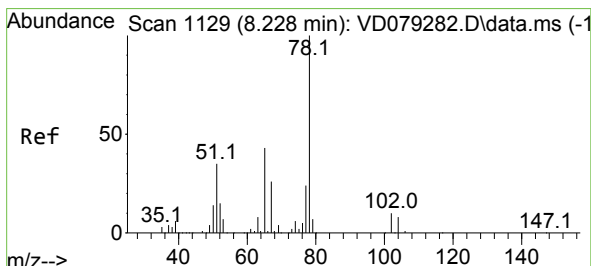
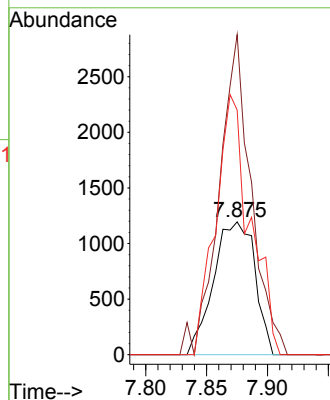
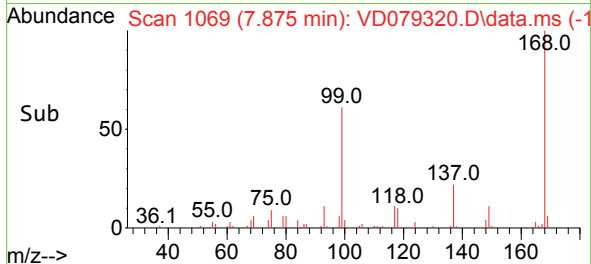


#31
Cyclohexane
Concen: 1.158 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079320.D
Acq: 02 Jul 2024 15:47

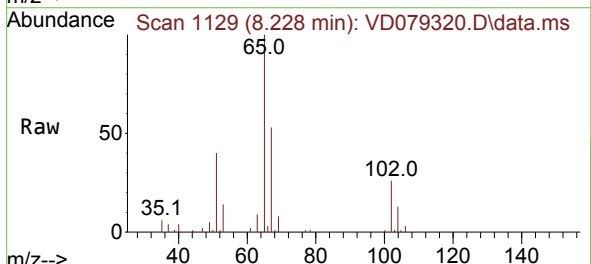
Instrument :
MSVOA_D
ClientSampleId :



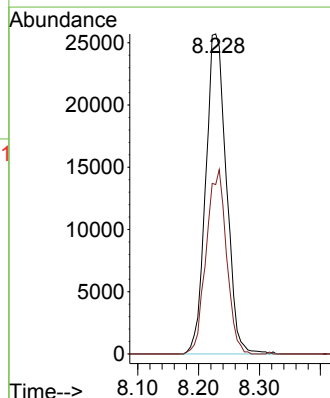
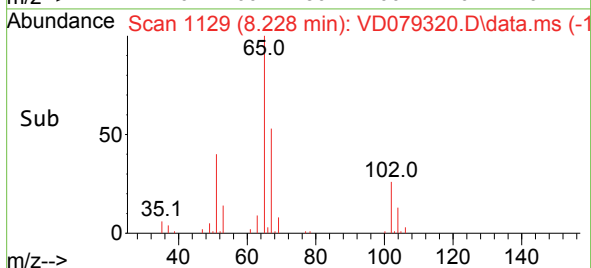
Tgt Ion: 56 Resp: 2823
Ion Ratio Lower Upper
56 100
69 241.0 28.0 42.0#
84 184.3 87.4 131.0#

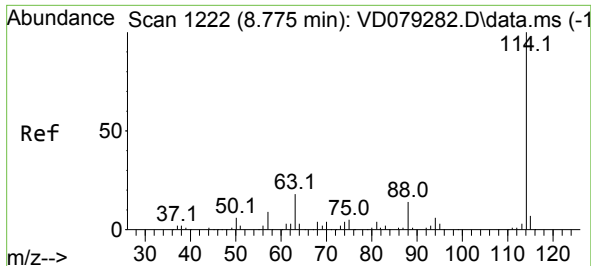


#33
1,2-Dichloroethane-d4
Concen: 54.305 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079320.D
Acq: 02 Jul 2024 15:47



Tgt Ion: 65 Resp: 60490
Ion Ratio Lower Upper
65 100
67 56.6 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079320.D

Acq: 02 Jul 2024 15:47

Instrument :

MSVOA_D

ClientSampleId :

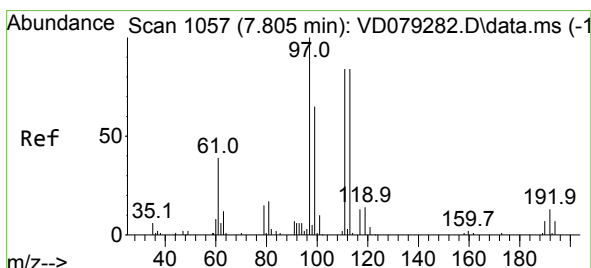
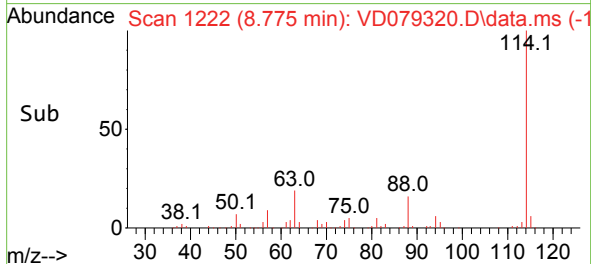
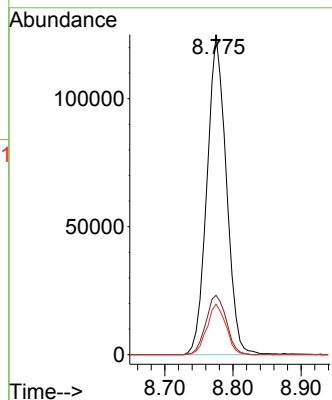
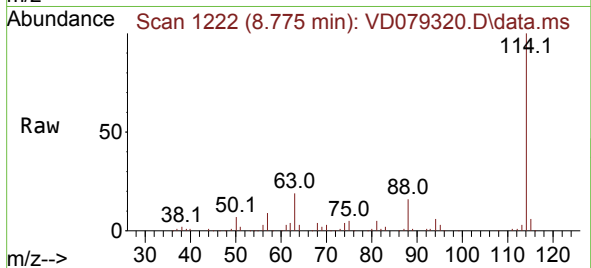
Tgt Ion:114 Resp: 246797

Ion Ratio Lower Upper

114 100

63 18.6 0.0 34.0

88 15.7 0.0 27.2



#35

Dibromofluoromethane

Concen: 44.555 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079320.D

Acq: 02 Jul 2024 15:47

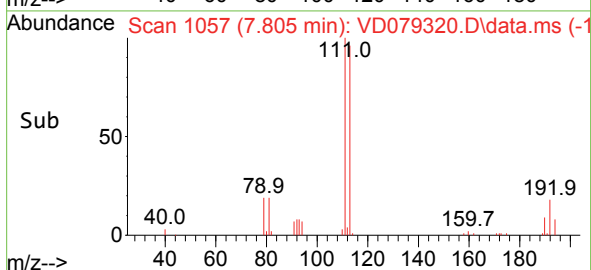
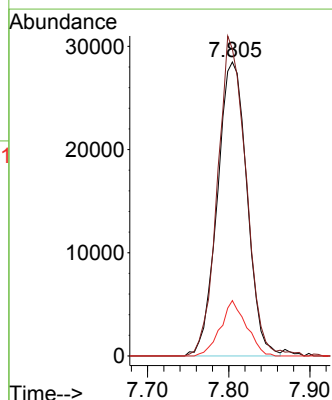
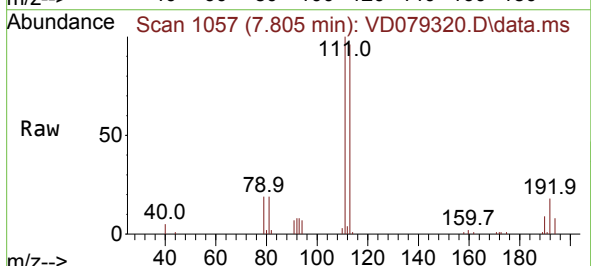
Tgt Ion:113 Resp: 72178

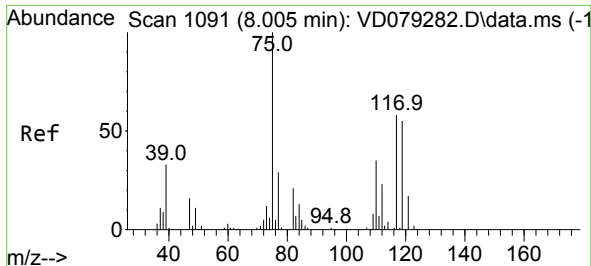
Ion Ratio Lower Upper

113 100

111 104.6 84.0 126.0

192 16.5 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.374 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD079320.D

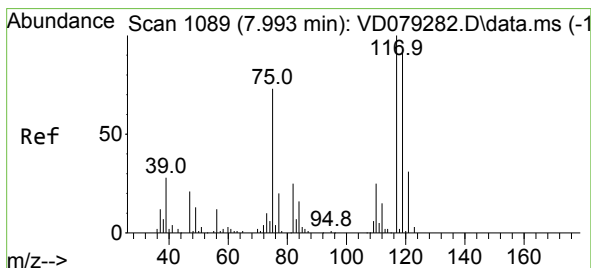
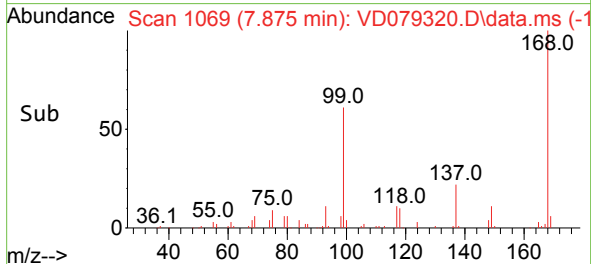
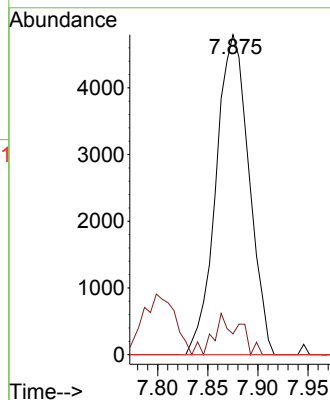
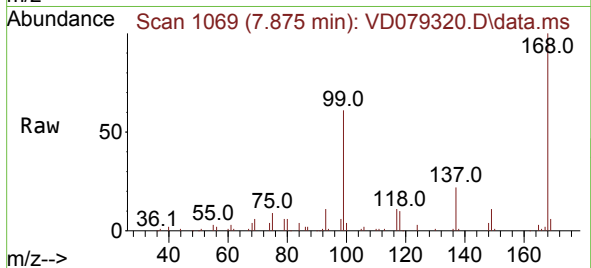
Acq: 02 Jul 2024 15:47

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 75	Resp: 11009
Ion Ratio	Lower Upper
75	100
110	6.5 19.6 58.7#
77	0.0 26.1 39.1#



#38

Carbon Tetrachloride

Concen: 5.093 ug/l

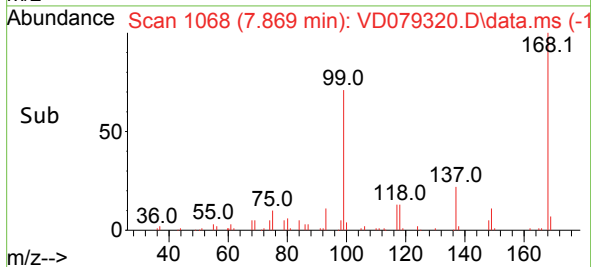
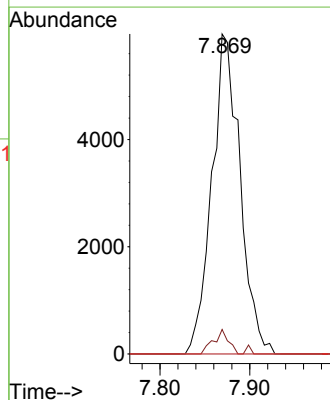
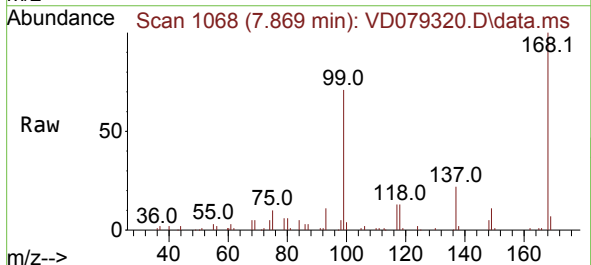
RT: 7.869 min Scan# 1068

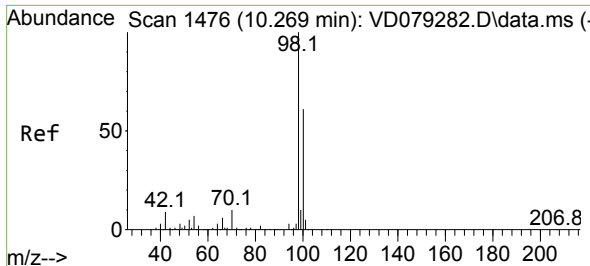
Delta R.T. -0.118 min

Lab File: VD079320.D

Acq: 02 Jul 2024 15:47

Tgt Ion: 117	Resp: 13017
Ion Ratio	Lower Upper
117	100
119	7.6 75.4 113.0#
121	0.0 25.0 37.4#

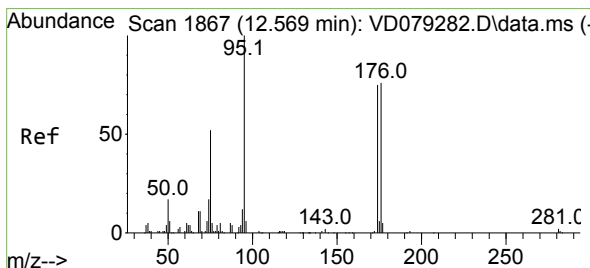
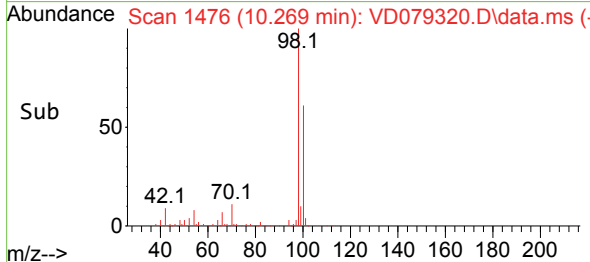
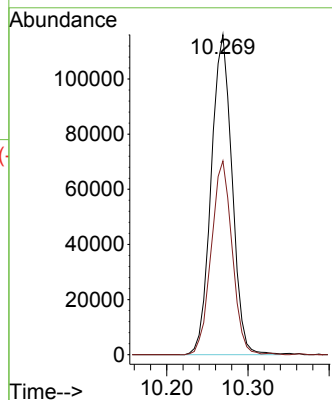
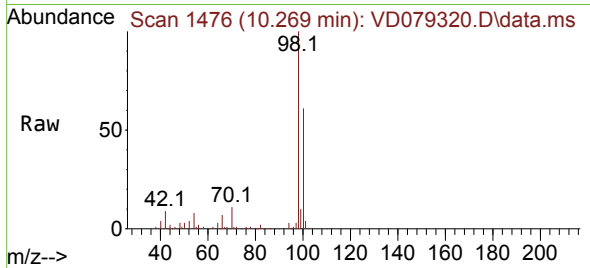




#50
Toluene-d8
Concen: 35.540 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079320.D
Acq: 02 Jul 2024 15:47

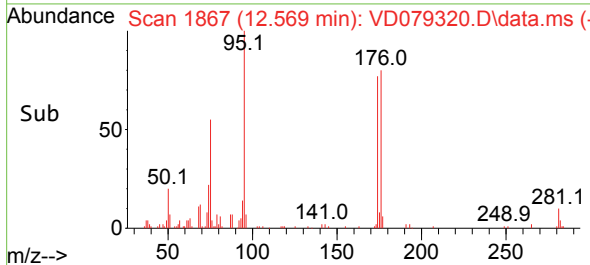
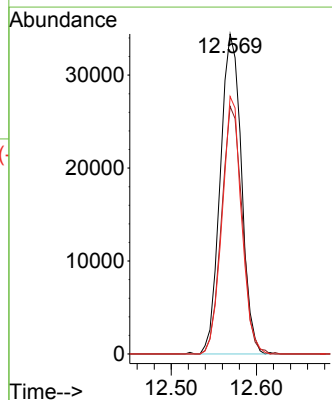
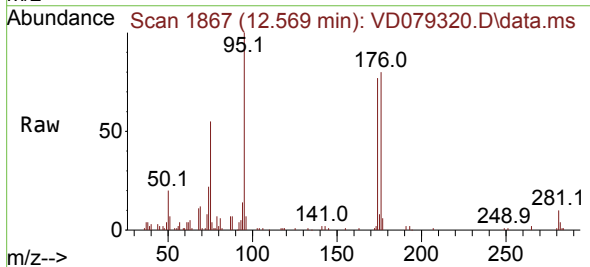
Instrument :
MSVOA_D
ClientSampleId :

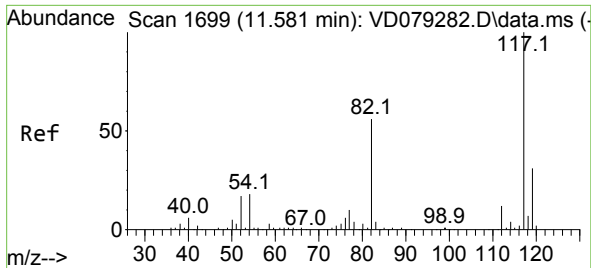
Tgt Ion: 98 Resp: 207119
Ion Ratio Lower Upper
98 100
100 60.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 31.792 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079320.D
Acq: 02 Jul 2024 15:47

Tgt Ion: 95 Resp: 59412
Ion Ratio Lower Upper
95 100
174 75.6 0.0 195.4
176 74.1 0.0 192.6

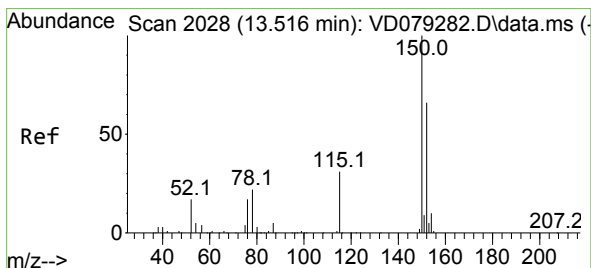
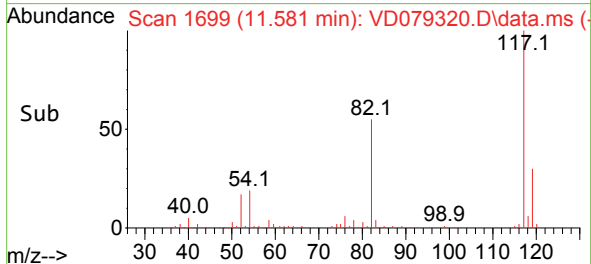
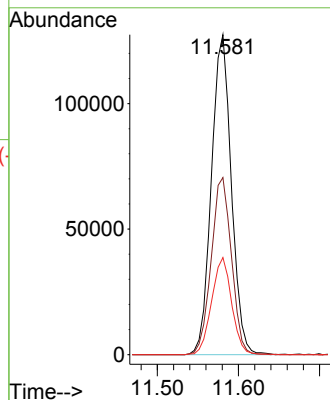
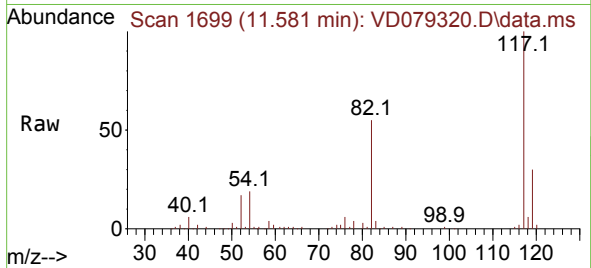




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117075
Delta R.T. -0.000 min
Lab File: VD079320.D
Acq: 02 Jul 2024 15:47

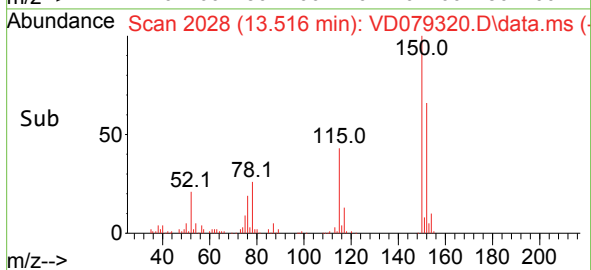
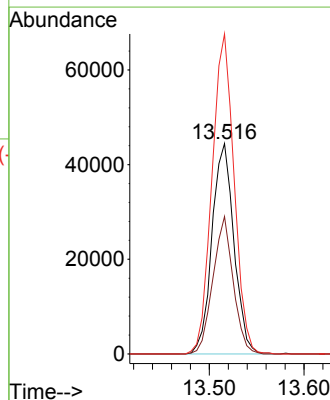
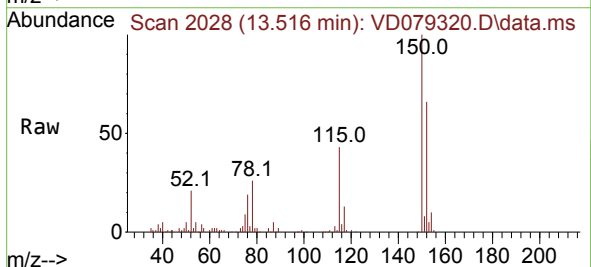
Instrument :
MSVOA_D
ClientSampleId :

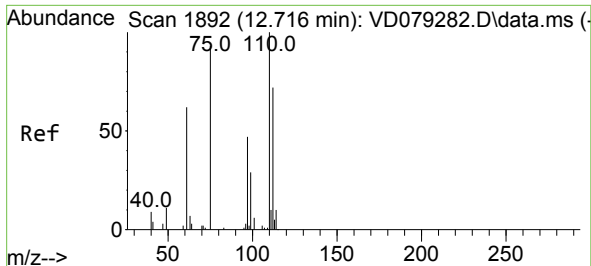
Tgt Ion	Ratio	Lower	Upper
117	100		
82	55.3	39.8	59.6
119	30.4	25.7	38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079320.D
Acq: 02 Jul 2024 15:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	60.5	26.5	79.5
150	153.0	0.0	341.6

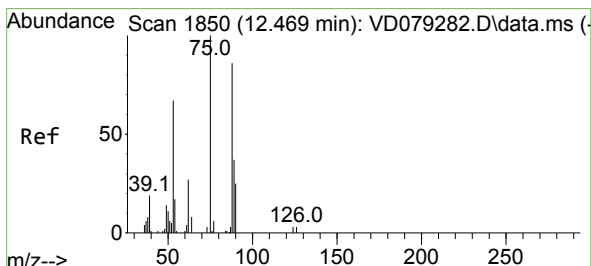
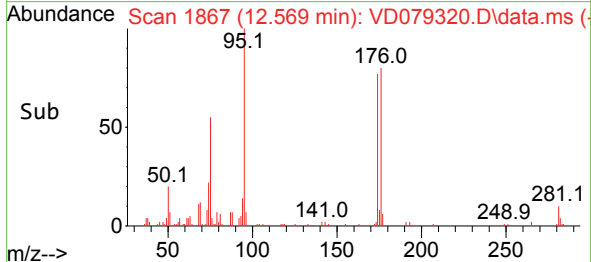
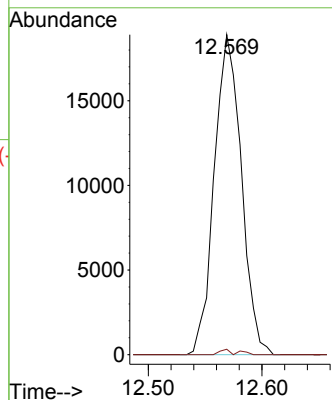
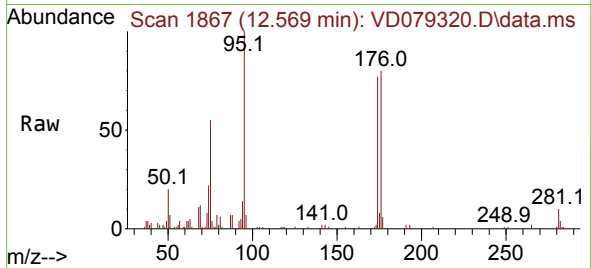




#76
1,2,3-Trichloropropane
Concen: 43.810 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD079320.D
Acq: 02 Jul 2024 15:47

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 31320
Ion Ratio Lower Upper
75 100
77 0.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 81.294 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.100 min
Lab File: VD079320.D
Acq: 02 Jul 2024 15:47

Tgt Ion: 75 Resp: 31320
Ion Ratio Lower Upper
75 100
53 0.0 61.4 92.2#
89 0.0 35.4 53.0#

