

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
 Data File : VD079323.D
 Acq On : 02 Jul 2024 17:10
 Operator : RP/MD
 Sample : P3112-02
 Misc : 5.07G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

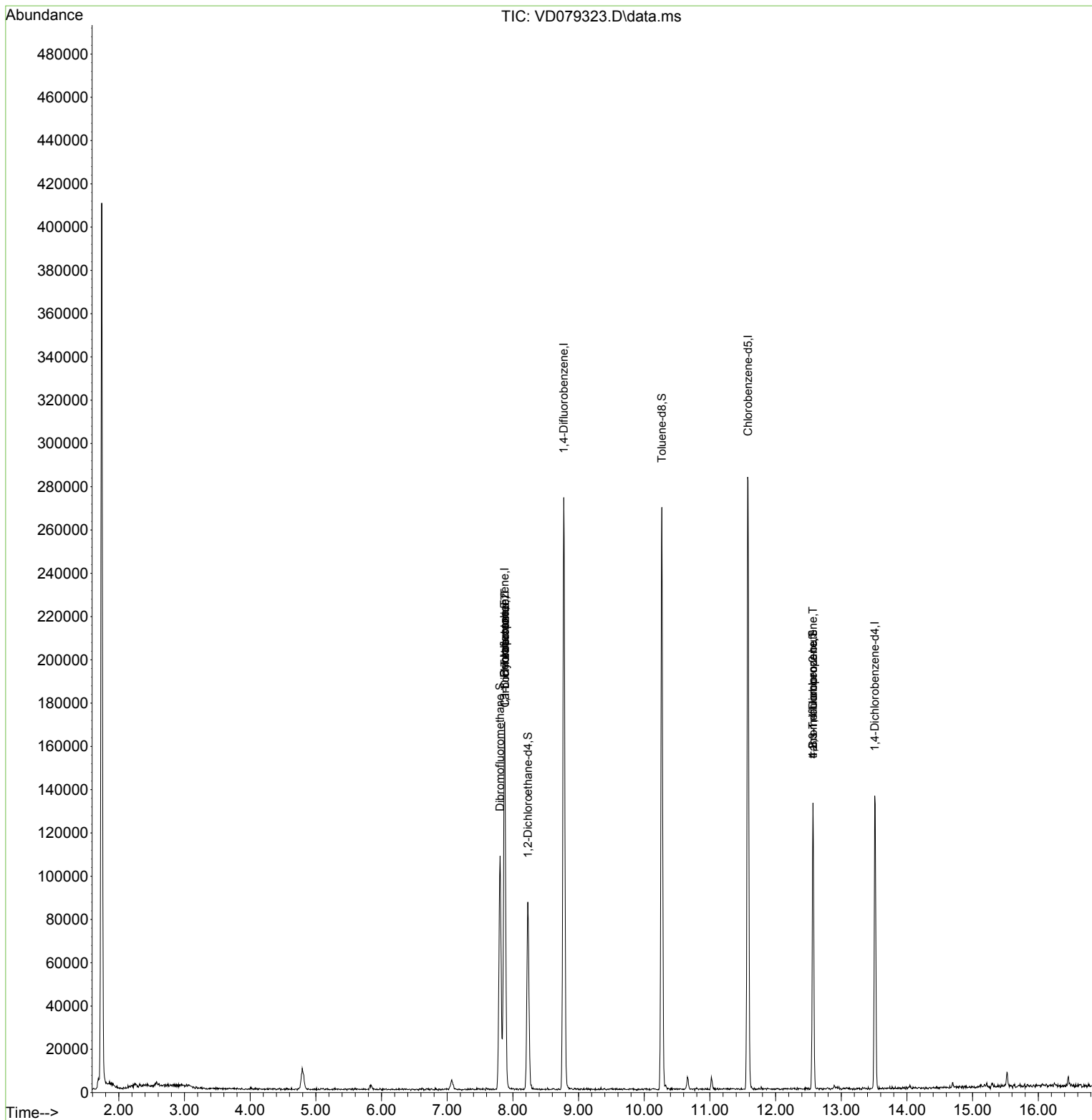
Quant Time: Jul 03 01:24:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 06:28:31 2024
 Response via : Initial Calibration

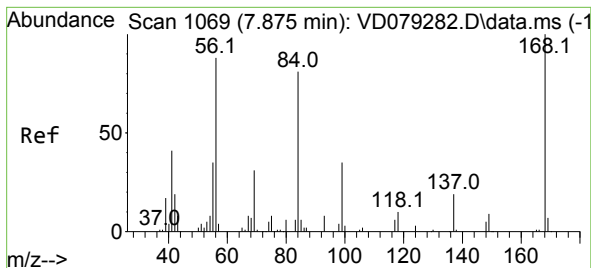
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	116557	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	238053	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	170546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	35890	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	66427	59.016	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.040%			
35) Dibromofluoromethane	7.805	113	78593	50.297	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.600%			
50) Toluene-d8	10.269	98	190023	33.804	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 67.600%			
62) 4-Bromofluorobenzene	12.569	95	42951	23.827	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 47.660%			
Target Compounds						
5) Bromomethane	2.675	94	80	Below Cal		Qvalue 98
20) Methylene Chloride	4.793	84	6930	Below Cal	#	85
31) Cyclohexane	7.875	56	3255	1.314	ug/l #	9
36) 1,1-Dichloropropene	7.881	75	11744	4.838	ug/l #	46
38) Carbon Tetrachloride	7.881	117	13875	5.628	ug/l #	15
76) 1,2,3-Trichloropropane	12.569	75	22016	61.297	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	22016	113.743	ug/l #	19

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

Quant Time: Jul 03 01:24:45 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





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. 0.000 min

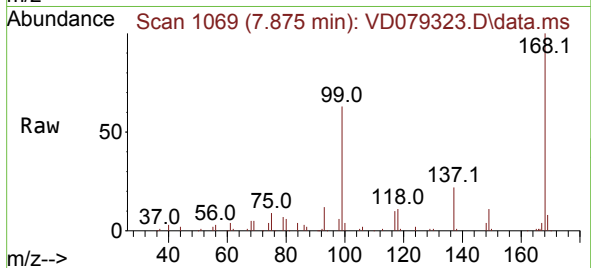
Lab File: VD079323.D

Acq: 02 Jul 2024 17:10

Instrument :

MSVOA_D

ClientSampleId :

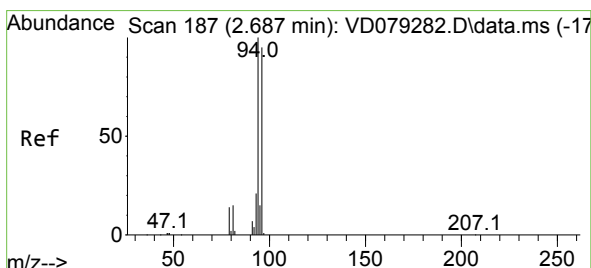
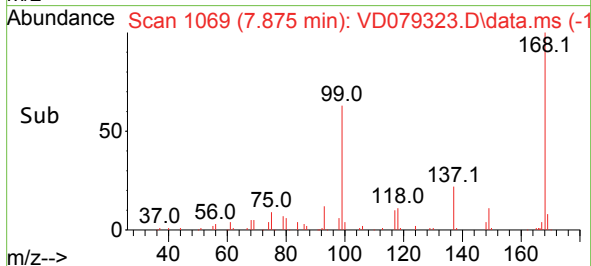
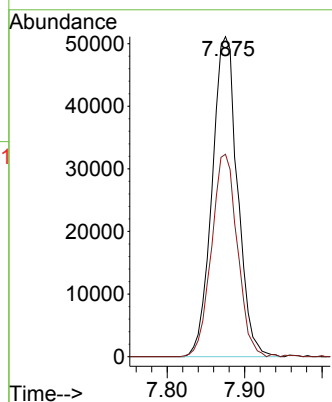


Tgt Ion:168 Resp: 116557

Ion Ratio Lower Upper

168 100

99 63.3 41.1 61.7#



#5

Bromomethane

Concen: Below Cal

RT: 2.675 min Scan# 185

Delta R.T. 0.017 min

Lab File: VD079323.D

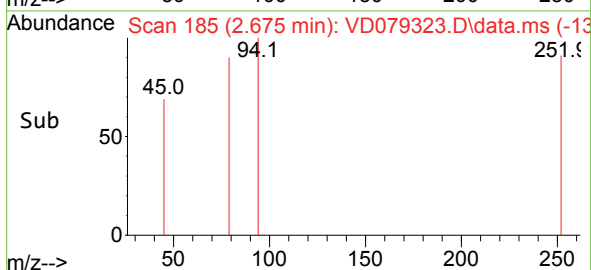
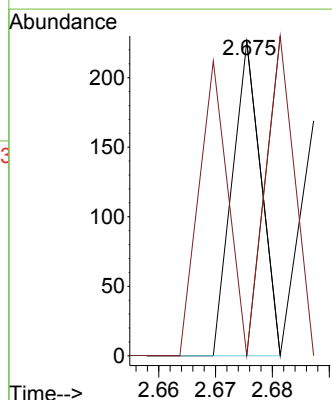
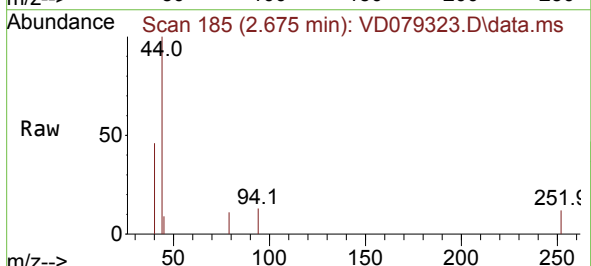
Acq: 02 Jul 2024 17:10

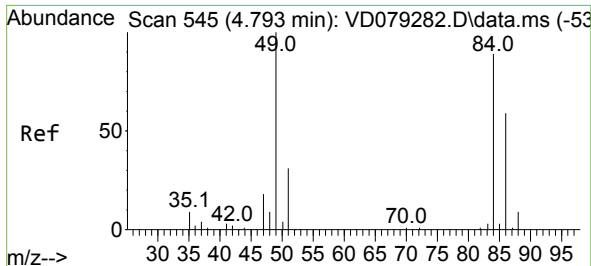
Tgt Ion: 94 Resp: 80

Ion Ratio Lower Upper

94 100

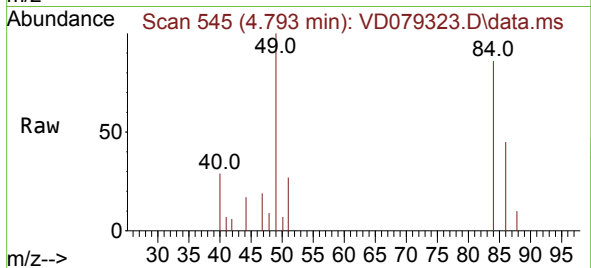
96 93.8 76.9 115.3



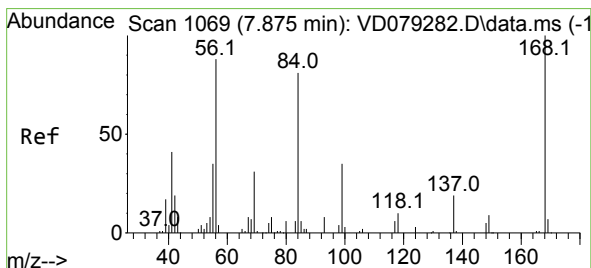
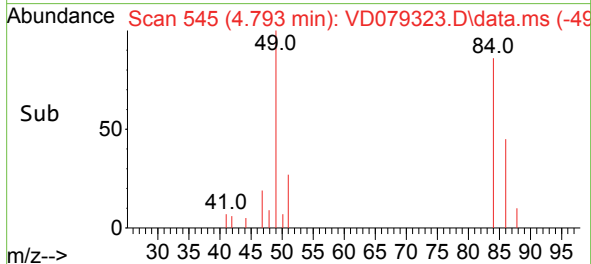
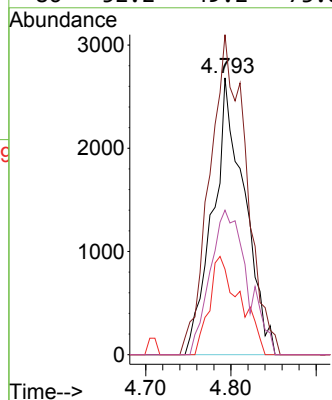


#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 545
Delta R.T. 0.000 min
Lab File: VD079323.D
Acq: 02 Jul 2024 17:10

Instrument :
MSVOA_D
ClientSampleId :

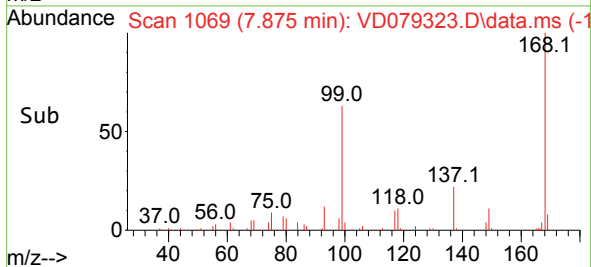
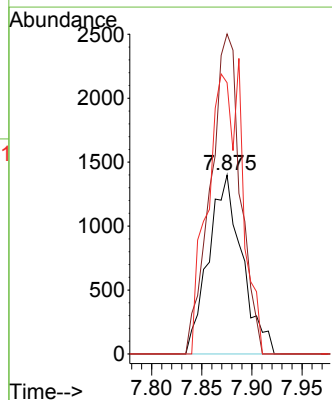
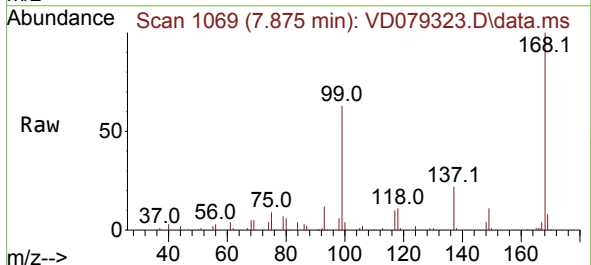


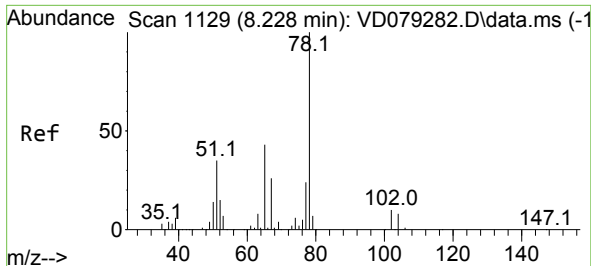
Tgt Ion: 84	Resp: 6930
Ion Ratio	Lower Upper
84 100	
49 115.6	75.6 113.4#
51 30.8	24.2 36.2
86 52.2	49.2 73.8



#31
Cyclohexane
Concen: 1.314 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079323.D
Acq: 02 Jul 2024 17:10

Tgt Ion: 56	Resp: 3255		
Ion Ratio	Lower	Upper	
56	100		
69	178.9	28.0	42.0#
84	151.6	87.4	131.0#





#33

1,2-Dichloroethane-d4

Concen: 59.016 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079323.D

Acq: 02 Jul 2024 17:10

Instrument :

MSVOA_D

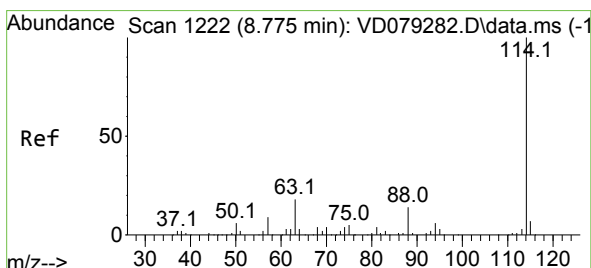
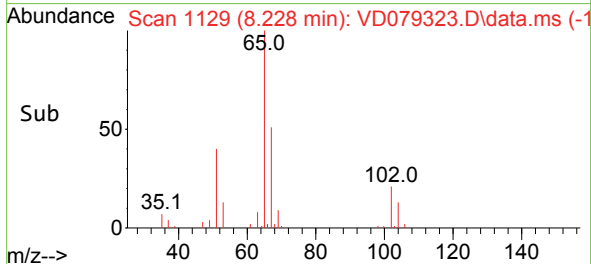
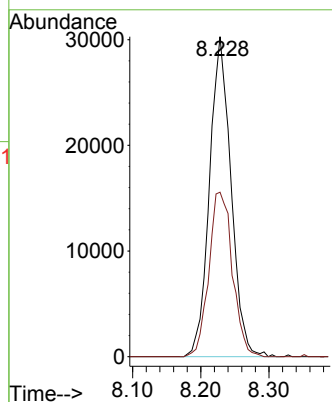
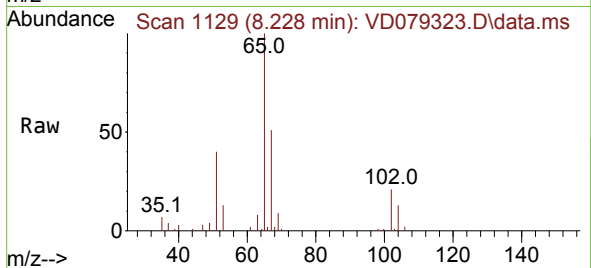
ClientSampleId :

Tgt Ion: 65 Resp: 66427

Ion Ratio Lower Upper

65 100

67 56.3 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: VD079323.D

Acq: 02 Jul 2024 17:10

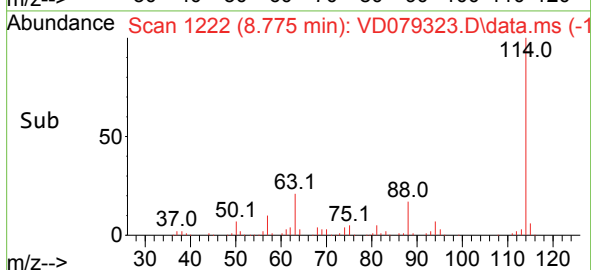
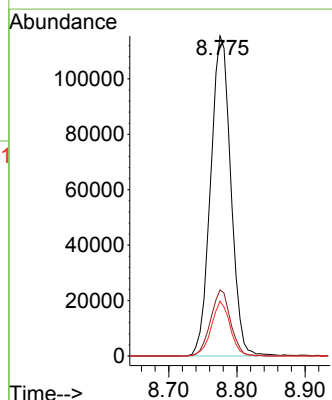
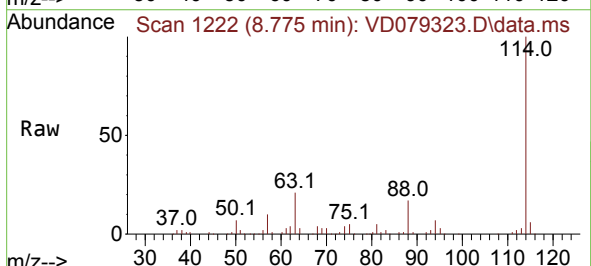
Tgt Ion: 114 Resp: 238053

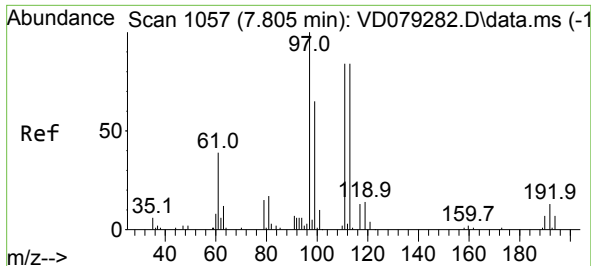
Ion Ratio Lower Upper

114 100

63 20.6 0.0 34.0

88 17.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 50.297 ug/l

RT: 7.805 min Scan# 1070

Delta R.T. 0.000 min

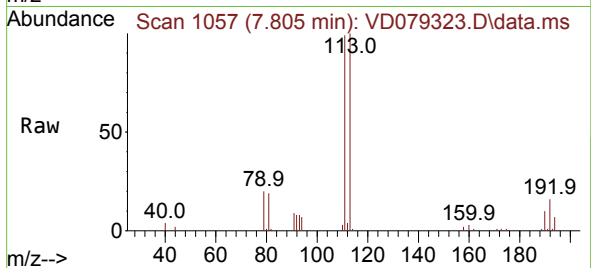
Lab File: VD079323.D

Acq: 02 Jul 2024 17:10

Instrument :

MSVOA_D

ClientSampleId :



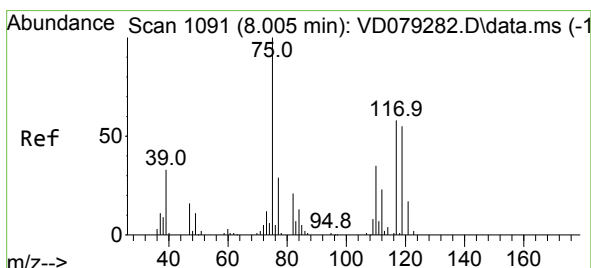
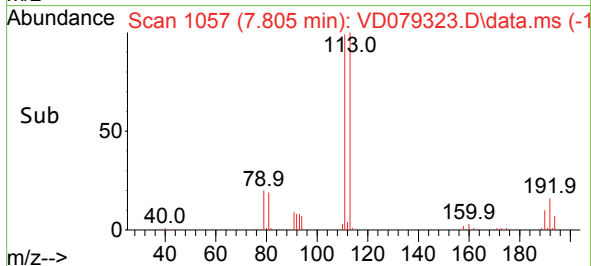
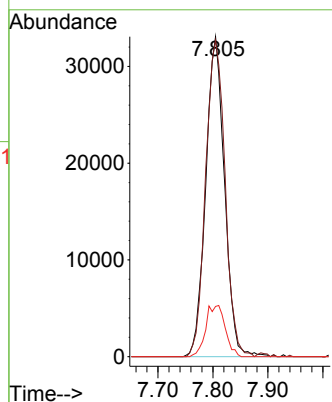
Tgt Ion:113 Resp: 78593

Ion Ratio Lower Upper

113 100

111 102.0 84.0 126.0

192 16.6 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.838 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.123 min

Lab File: VD079323.D

Acq: 02 Jul 2024 17:10

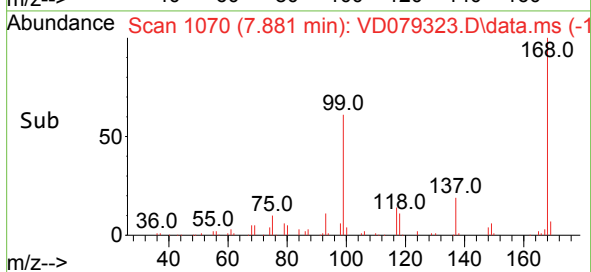
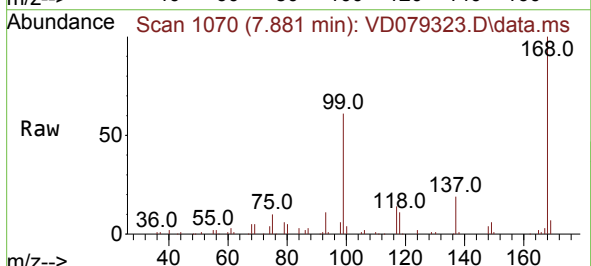
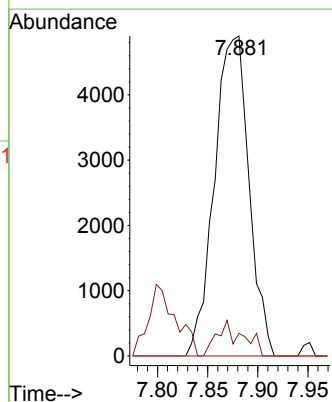
Tgt Ion: 75 Resp: 11744

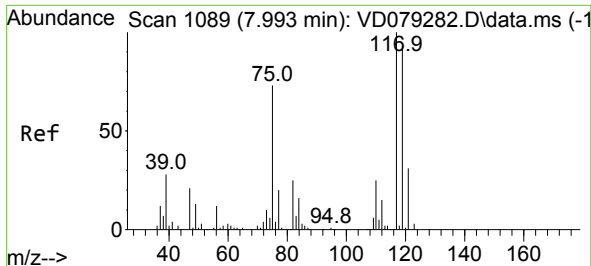
Ion Ratio Lower Upper

75 100

110 8.2 19.6 58.7#

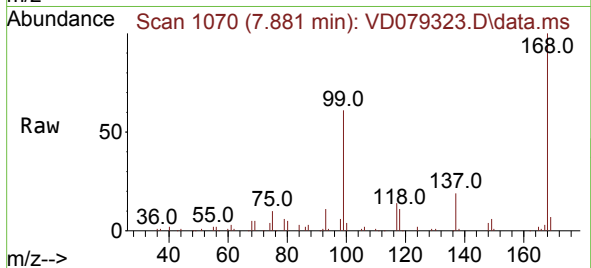
77 0.0 26.1 39.1#



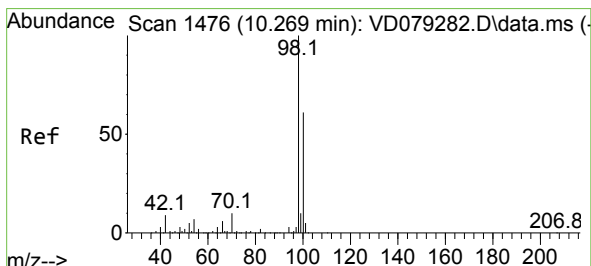
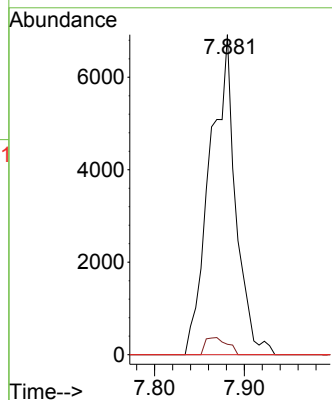
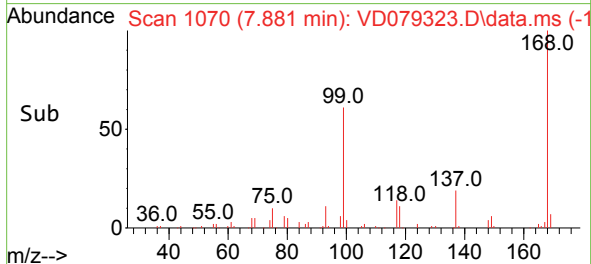


#38
Carbon Tetrachloride
Concen: 5.628 ug/l
RT: 7.881 min Scan# 1089
Delta R.T. -0.106 min
Lab File: VD079323.D
Acq: 02 Jul 2024 17:10

Instrument :
MSVOA_D
ClientSampleId :

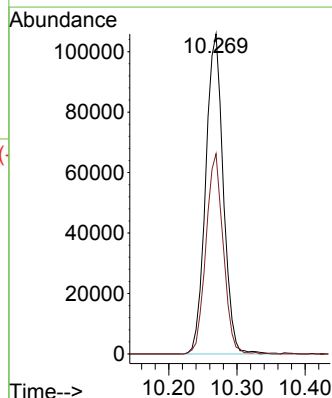
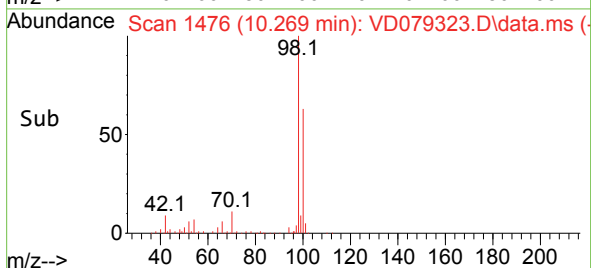
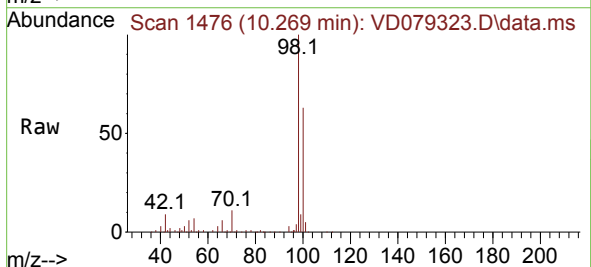


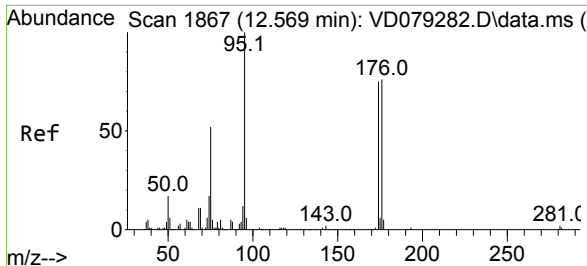
Tgt Ion:117 Resp: 13875
Ion Ratio Lower Upper
117 100
119 3.2 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 33.804 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079323.D
Acq: 02 Jul 2024 17:10

Tgt Ion: 98 Resp: 190023
Ion Ratio Lower Upper
98 100
100 61.5 51.6 77.4

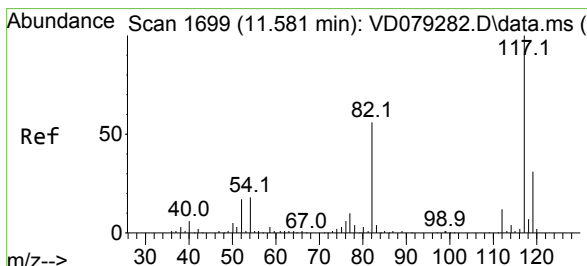
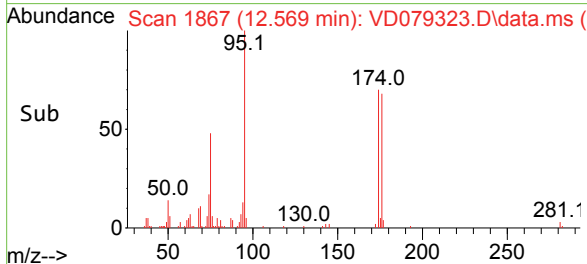
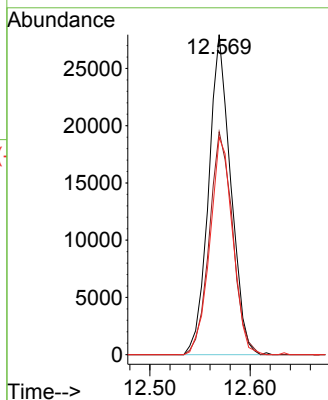
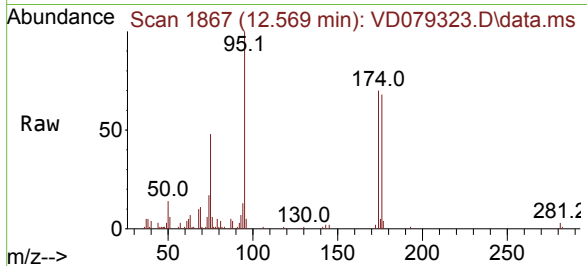




#62
4-Bromofluorobenzene
Concen: 23.827 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079323.D
Acq: 02 Jul 2024 17:10

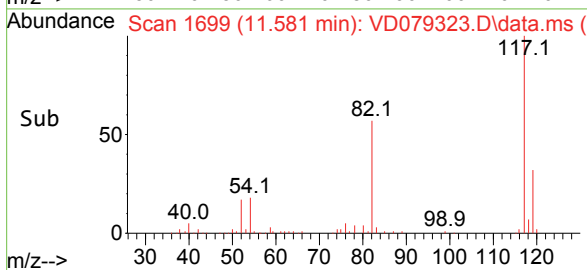
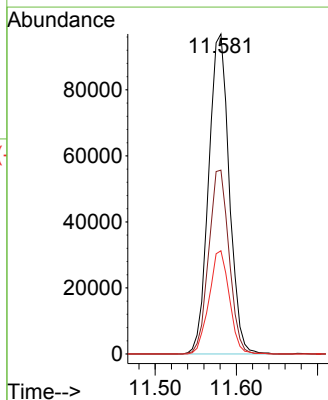
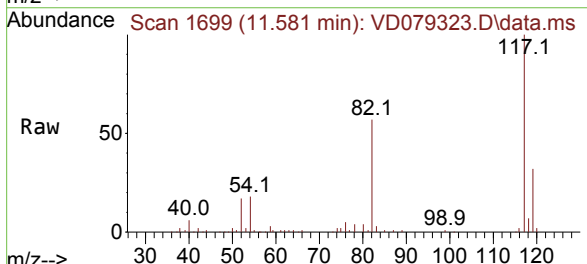
Instrument :
MSVOA_D
ClientSampleId :

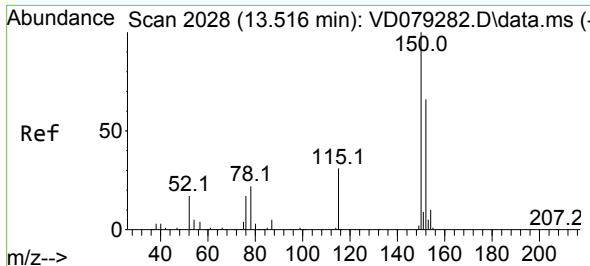
Tgt Ion:	95	Resp:	42951
Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	195.4
176	69.8	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD079323.D
Acq: 02 Jul 2024 17:10

Tgt Ion:	117	Resp:	170546
Ion	Ratio	Lower	Upper
117	100		
82	57.5	39.8	59.6
119	32.2	25.7	38.5

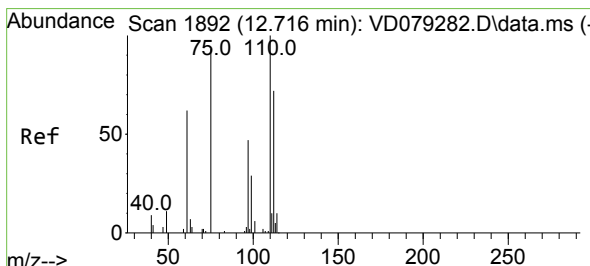
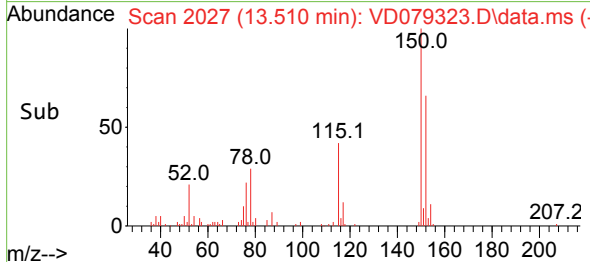
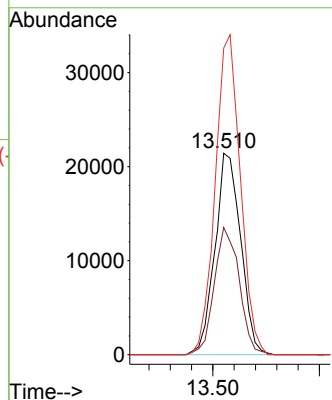
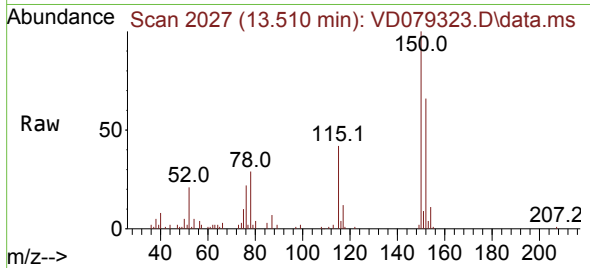




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.510 min Scan# 2028
 Delta R.T. -0.006 min
 Lab File: VD079323.D
 Acq: 02 Jul 2024 17:10

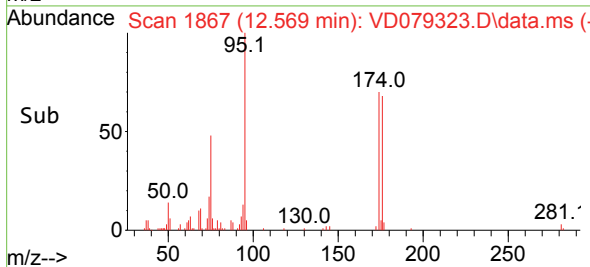
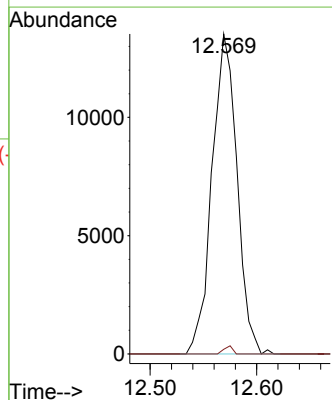
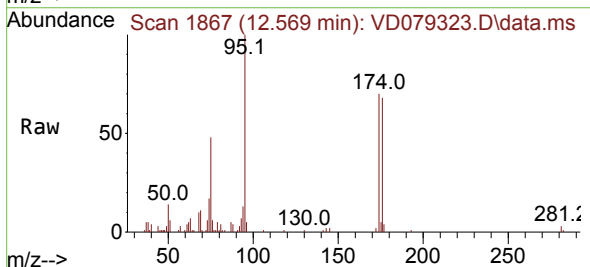
Instrument :
 MSVOA_D
 ClientSampleId :

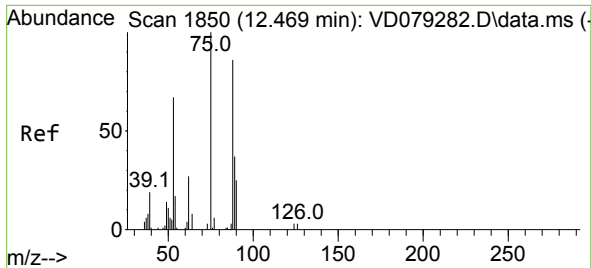
Tgt Ion:152 Resp: 35890
 Ion Ratio Lower Upper
 152 100
 115 61.3 26.5 79.5
 150 155.1 0.0 341.6



#76
 1,2,3-Trichloropropane
 Concen: 61.297 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD079323.D
 Acq: 02 Jul 2024 17:10

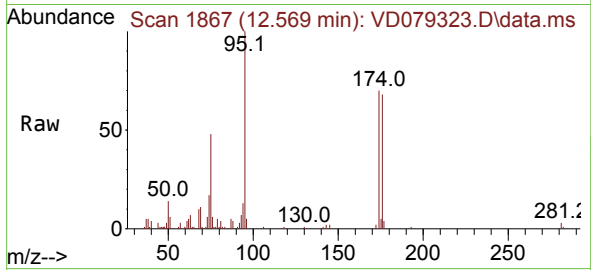
Tgt Ion: 75 Resp: 22016
 Ion Ratio Lower Upper
 75 100
 77 0.9 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.743 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. 0.100 min
 Lab File: VD079323.D
 Acq: 02 Jul 2024 17:10

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion:	75	Resp:	22016
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.4	92.2#
89	0.0	35.4	53.0#

