

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070224\
 Data File : VD079324.D
 Acq On : 02 Jul 2024 17:37
 Operator : RP/MD
 Sample : P3149-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 03 01:25:06 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)

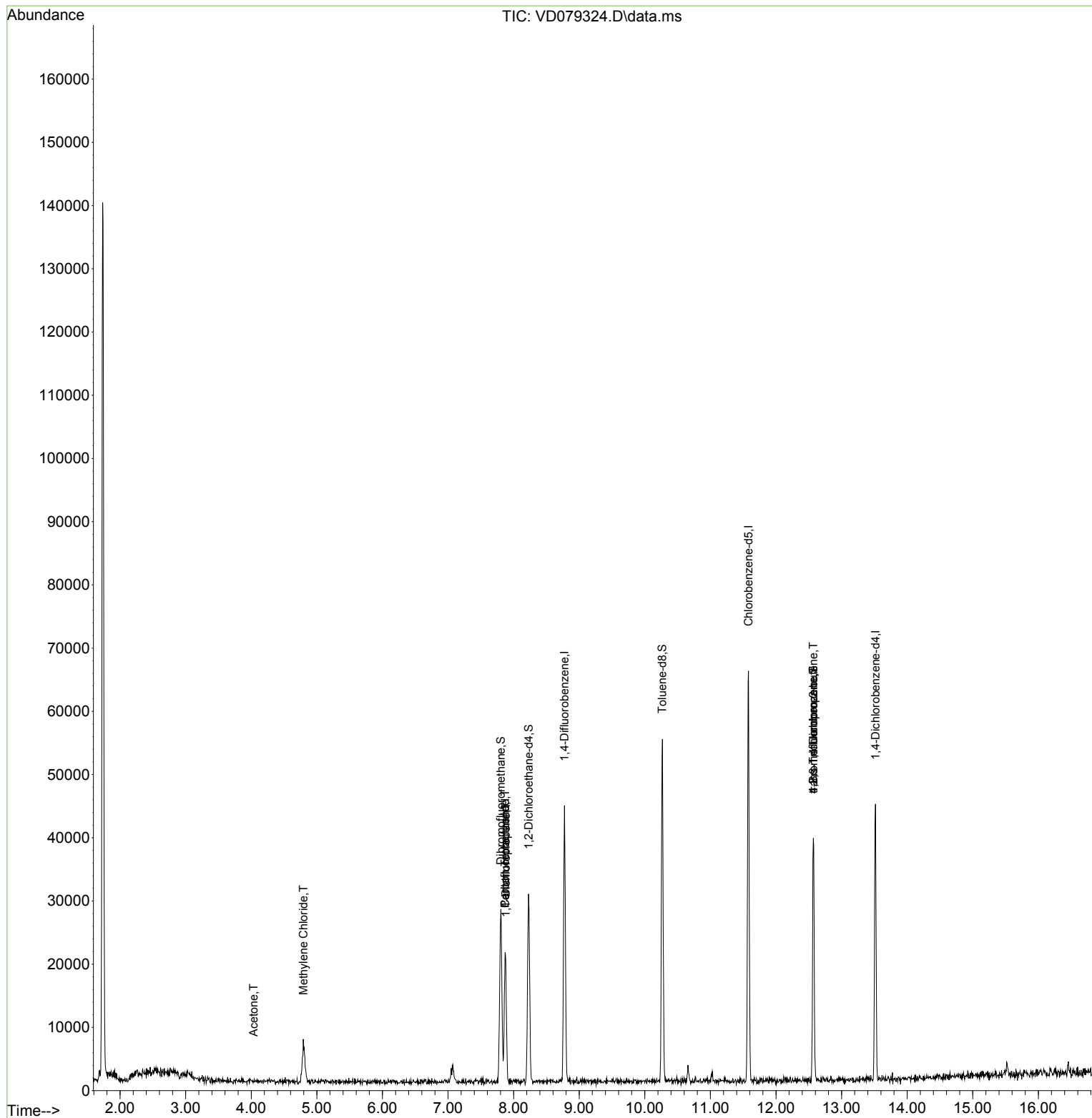
Internal Standards						
1) Pentafluorobenzene	7.869	168	15163	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	36557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	36890	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	11323	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	24354	174.429	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	348.860%#
35) Dibromofluoromethane	7.805	113	20496	85.415	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	170.820%#
50) Toluene-d8	10.263	98	39757	46.055	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.100%
62) 4-Bromofluorobenzene	12.569	95	14414	52.071	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.140%
Target Compounds						
5) Bromomethane	2.693	94	228	Below Cal	#	63
16) Acetone	4.034	43	67	1.862	ug/l #	37
20) Methylene Chloride	4.793	84	5115	16.989	ug/l #	87
36) 1,1-Dichloropropene	7.881	75	1537	4.123	ug/l #	39
38) Carbon Tetrachloride	7.869	117	1878	4.960	ug/l #	13
76) 1,2,3-Trichloropropane	12.569	75	7007	61.836	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	7007	114.744	ug/l #	19

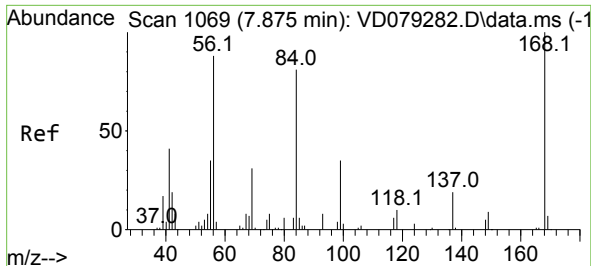
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

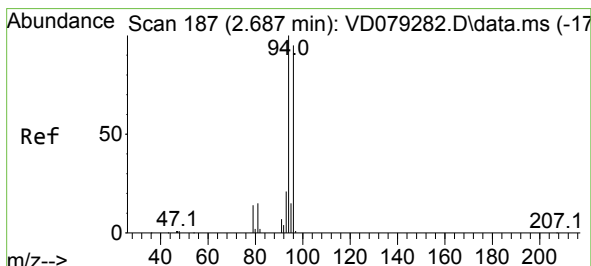
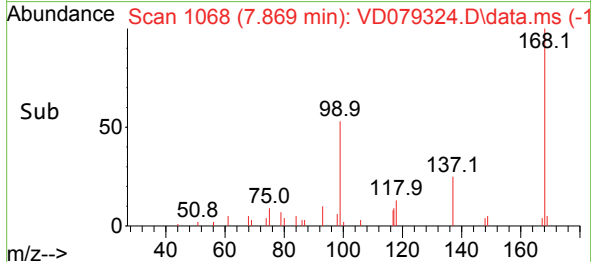
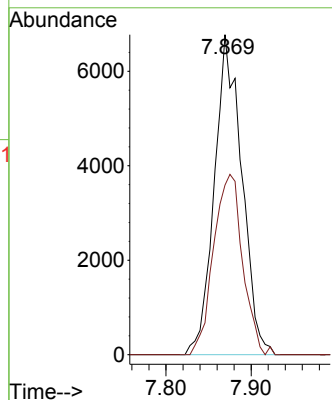
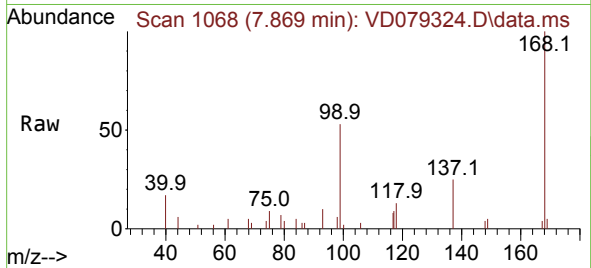




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD079324.D
Acq: 02 Jul 2024 17:37

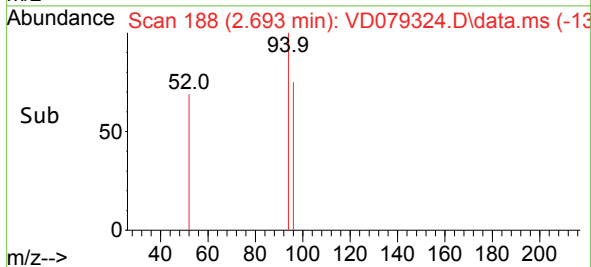
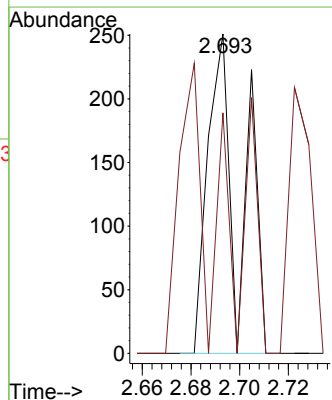
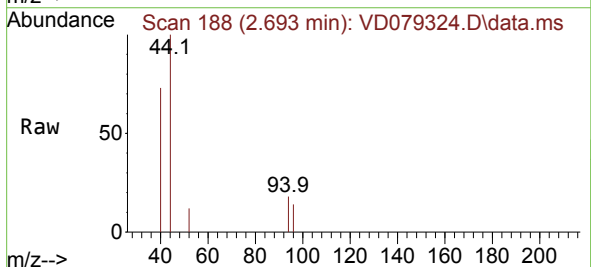
Instrument :
MSVOA_D
ClientSampleId :

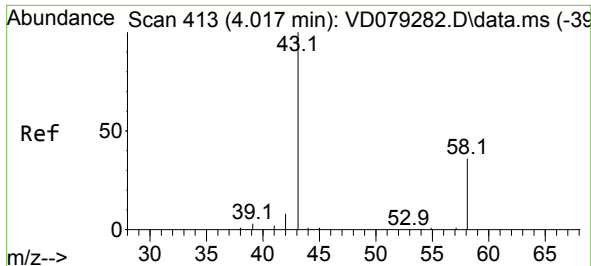
Tgt Ion:168 Resp: 15163
Ion Ratio Lower Upper
168 100
99 53.0 41.1 61.7



#5
Bromomethane
Concen: Below Cal
RT: 2.693 min Scan# 188
Delta R.T. 0.035 min
Lab File: VD079324.D
Acq: 02 Jul 2024 17:37

Tgt Ion: 94 Resp: 228
Ion Ratio Lower Upper
94 100
96 59.6 76.9 115.3#





#16

Acetone

Concen: 1.862 ug/l

RT: 4.034 min Scan# 41

Delta R.T. 0.018 min

Lab File: VD079324.D

Acq: 02 Jul 2024 17:37

Instrument :

MSVOA_D

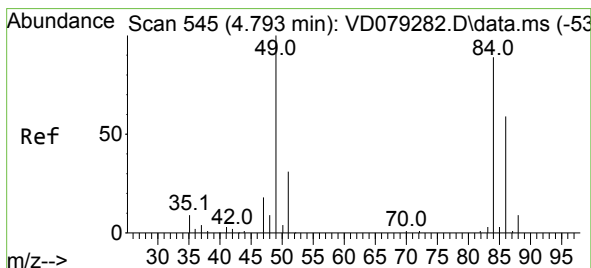
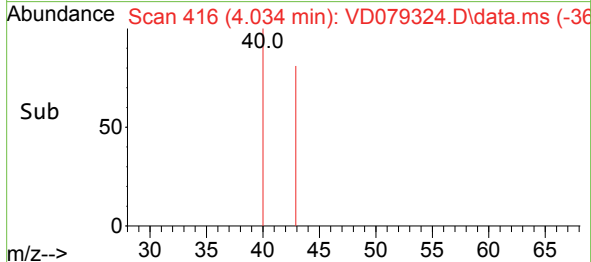
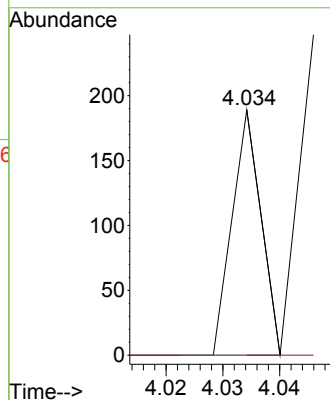
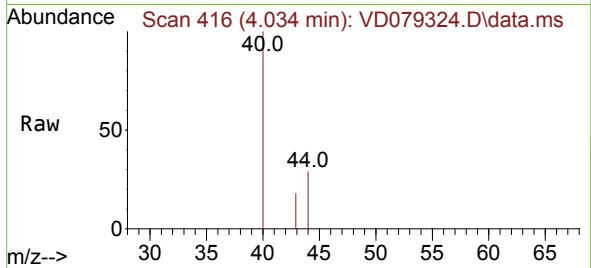
ClientSampleId :

Tgt Ion: 43 Resp: 67

Ion Ratio Lower Upper

43 100

58 0.0 30.4 45.6#



#20

Methylene Chloride

Concen: 16.989 ug/l

RT: 4.793 min Scan# 545

Delta R.T. -0.000 min

Lab File: VD079324.D

Acq: 02 Jul 2024 17:37

Tgt Ion: 84 Resp: 5115

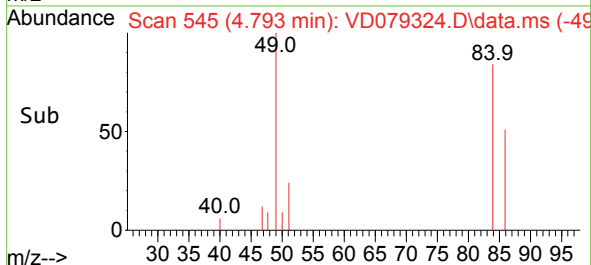
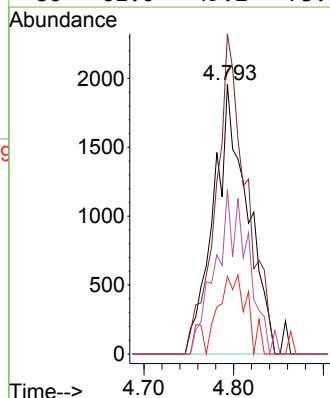
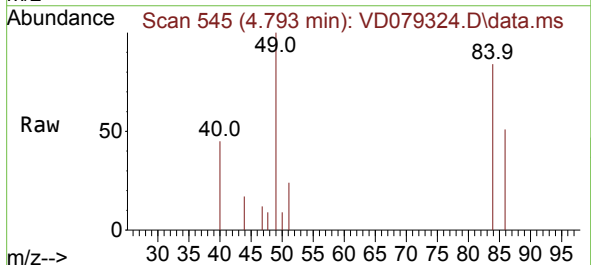
Ion Ratio Lower Upper

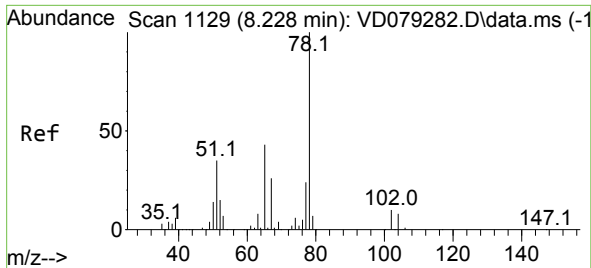
84 100

49 118.7 75.6 113.4#

51 28.8 24.2 36.2

86 61.0 49.2 73.8

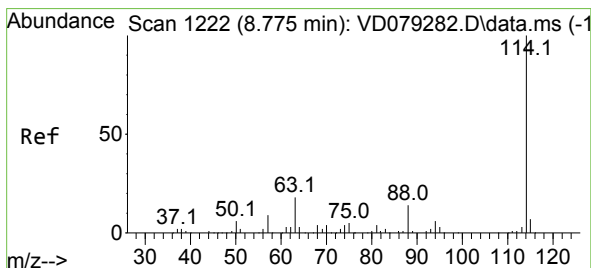
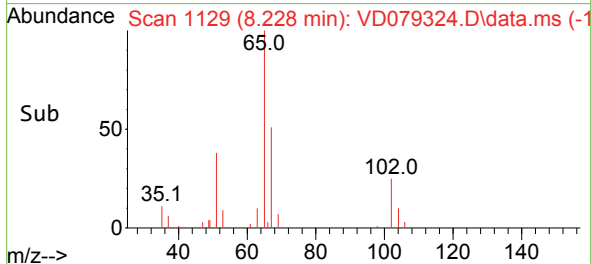
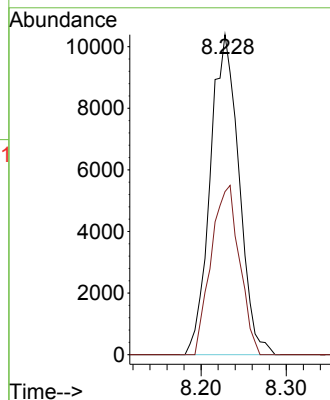
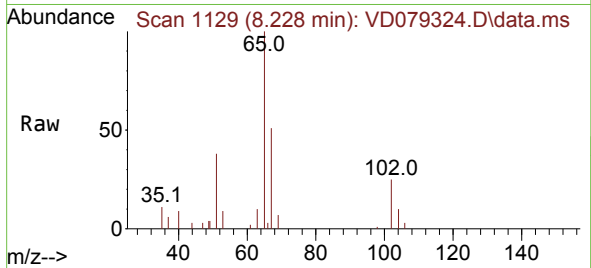




#33
 1,2-Dichloroethane-d4
 Concen: 174.429 ug/l
 RT: 8.228 min Scan# 1129
 Delta R.T. 0.000 min
 Lab File: VD079324.D
 Acq: 02 Jul 2024 17:37

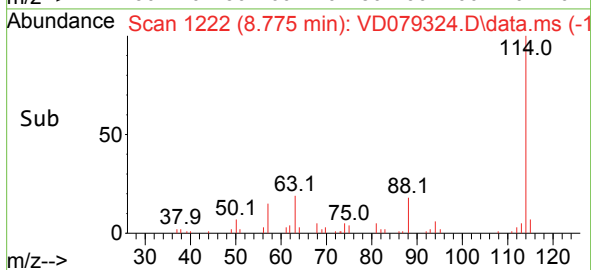
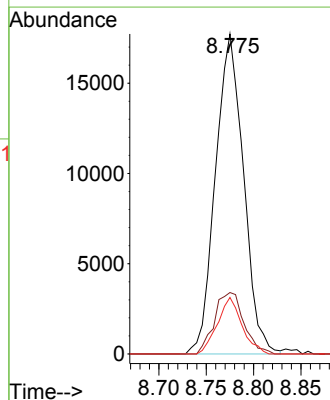
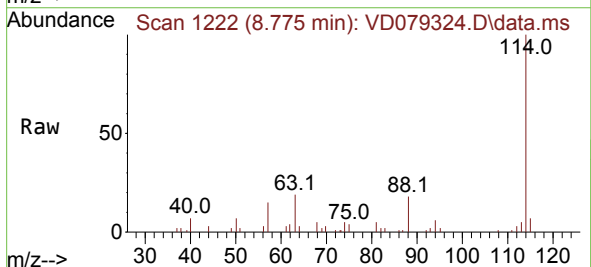
Instrument :
 MSVOA_D
 ClientSampleId :

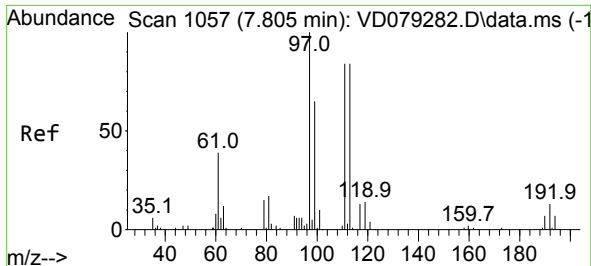
Tgt Ion: 65 Resp: 24354
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 111.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.775 min Scan# 1222
 Delta R.T. -0.000 min
 Lab File: VD079324.D
 Acq: 02 Jul 2024 17:37

Tgt Ion: 114 Resp: 36557
 Ion Ratio Lower Upper
 114 100
 63 19.2 0.0 34.0
 88 17.6 0.0 27.2





#35

Dibromofluoromethane

Concen: 85.415 ug/l

RT: 7.805 min Scan# 1070

Delta R.T. -0.000 min

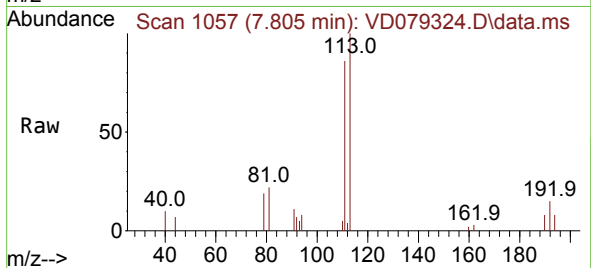
Lab File: VD079324.D

Acq: 02 Jul 2024 17:37

Instrument :

MSVOA_D

ClientSampleId :



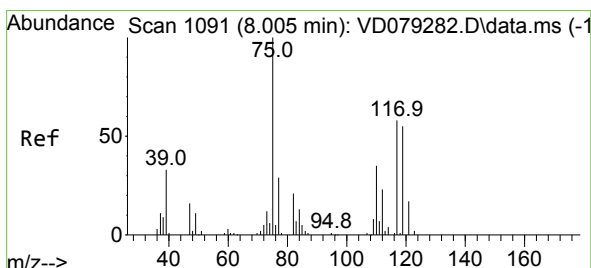
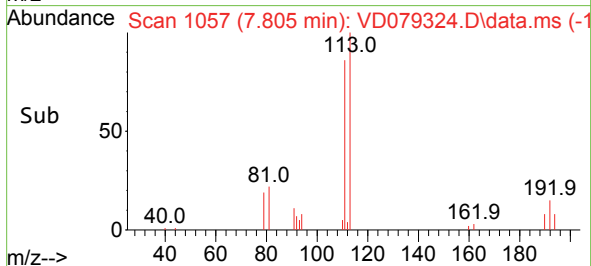
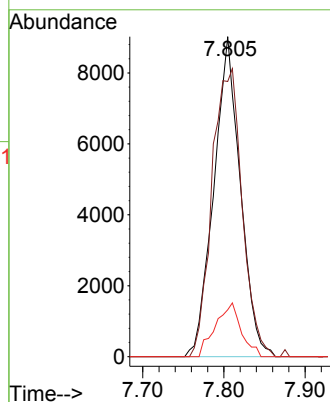
Tgt Ion:113 Resp: 20496

Ion Ratio Lower Upper

113 100

111 102.0 84.0 126.0

192 16.3 15.4 23.0



#36

1,1-Dichloropropene

Concen: 4.123 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.124 min

Lab File: VD079324.D

Acq: 02 Jul 2024 17:37

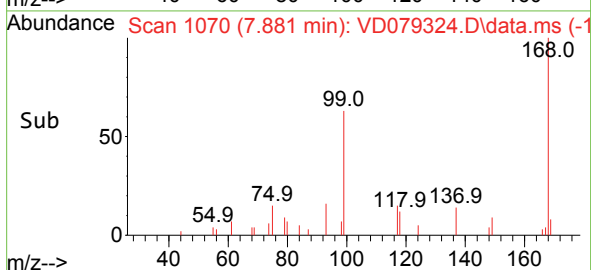
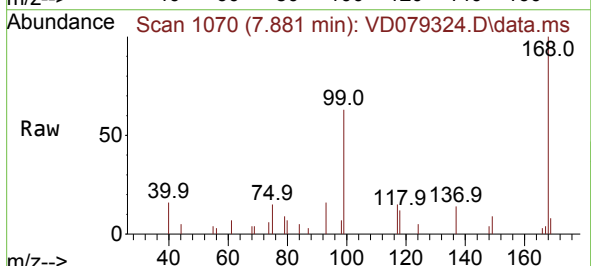
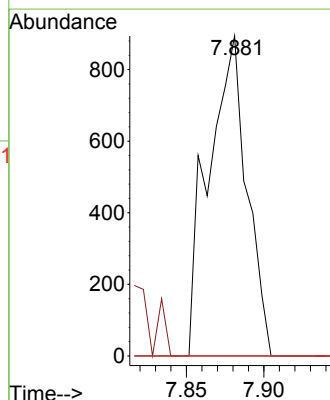
Tgt Ion: 75 Resp: 1537

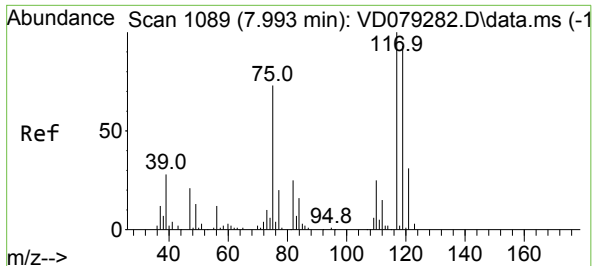
Ion Ratio Lower Upper

75 100

110 0.0 19.6 58.7#

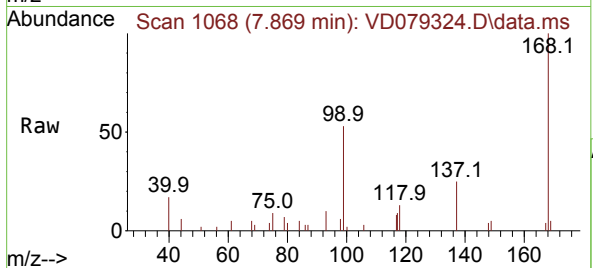
77 0.0 26.1 39.1#



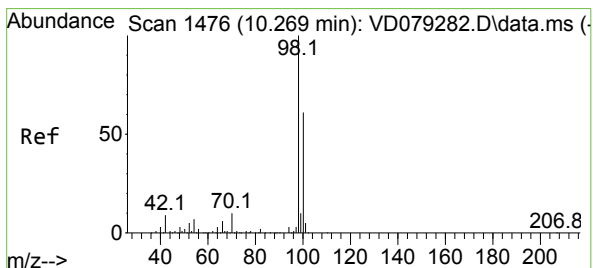
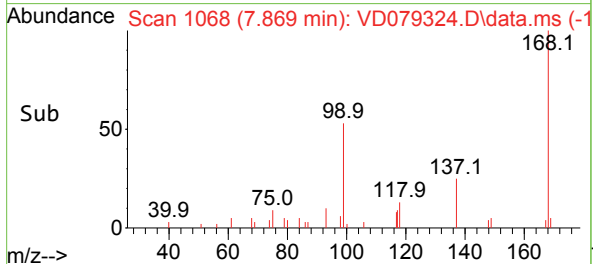
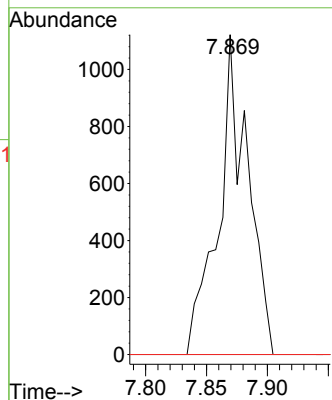


#38
Carbon Tetrachloride
Concen: 4.960 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.118 min
Lab File: VD079324.D
Acq: 02 Jul 2024 17:37

Instrument :
MSVOA_D
ClientSampleId :

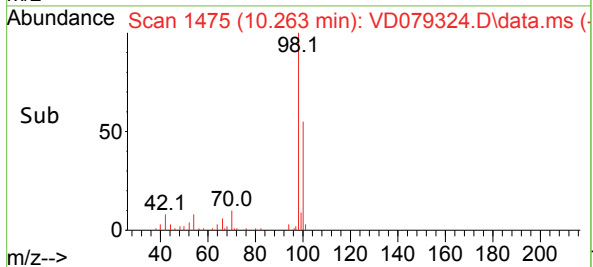
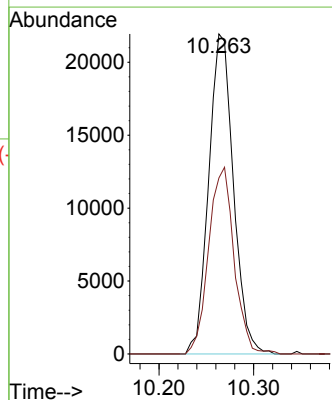
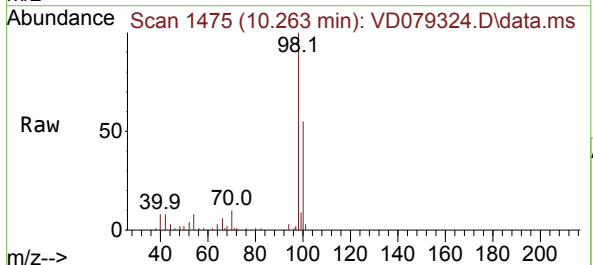


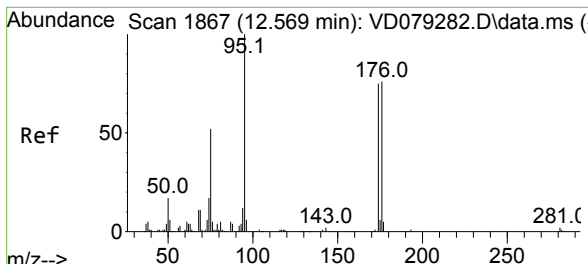
Tgt Ion:117 Resp: 1878
Ion Ratio Lower Upper
117 100
119 0.0 75.4 113.0#
121 0.0 25.0 37.4#



#50
Toluene-d8
Concen: 46.055 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD079324.D
Acq: 02 Jul 2024 17:37

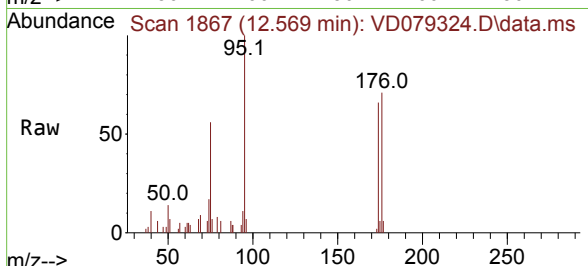
Tgt Ion: 98 Resp: 39757
Ion Ratio Lower Upper
98 100
100 60.2 51.6 77.4



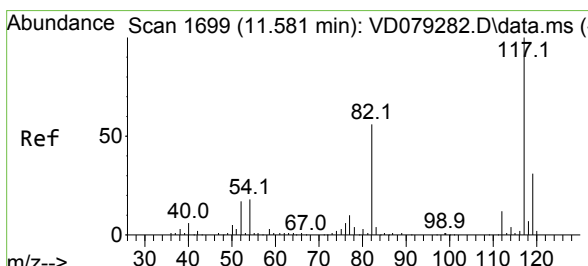
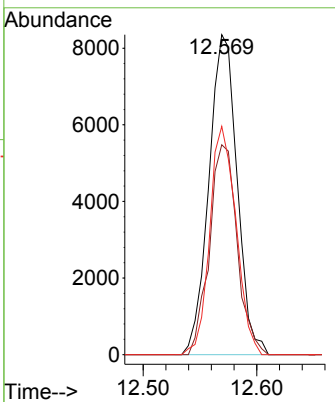
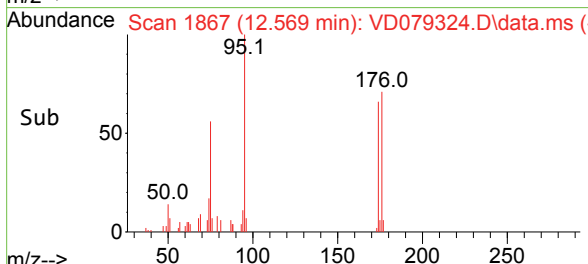


#62
 4-Bromofluorobenzene
 Concen: 52.071 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.000 min
 Lab File: VD079324.D
 Acq: 02 Jul 2024 17:37

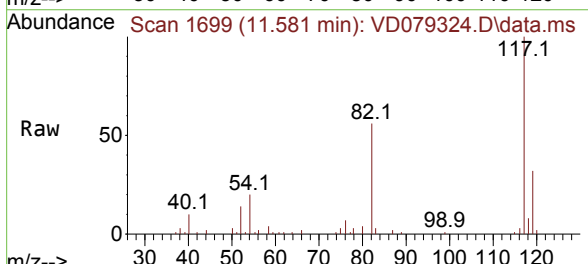
Instrument :
 MSVOA_D
 ClientSampleId :



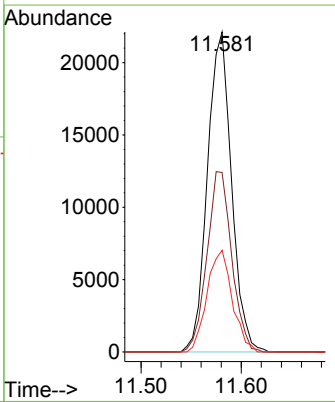
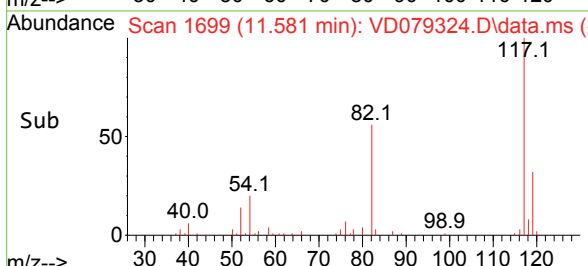
Tgt Ion:	95	Resp:	14414
Ion	Ratio	Lower	Upper
95	100		
174	64.5	0.0	195.4
176	66.4	0.0	192.6

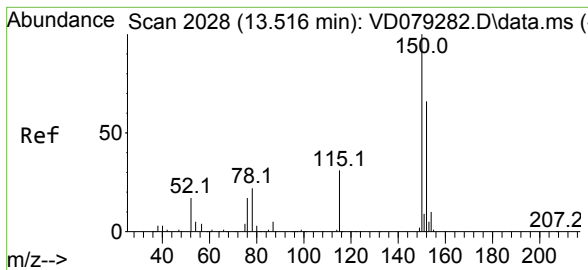


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. 0.000 min
 Lab File: VD079324.D
 Acq: 02 Jul 2024 17:37



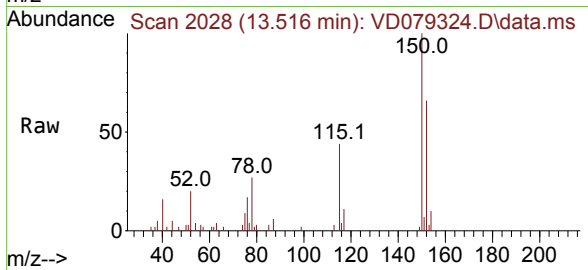
Tgt Ion:	117	Resp:	36890
Ion	Ratio	Lower	Upper
117	100		
82	56.1	39.8	59.6
119	31.8	25.7	38.5



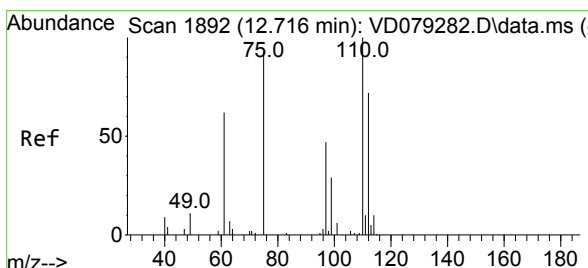
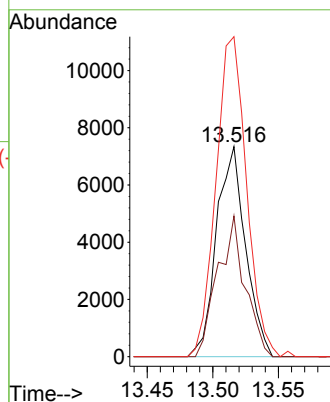
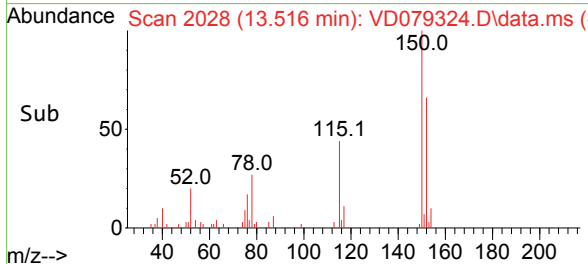


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD079324.D
 Acq: 02 Jul 2024 17:37

Instrument :
 MSVOA_D
 ClientSampleId :

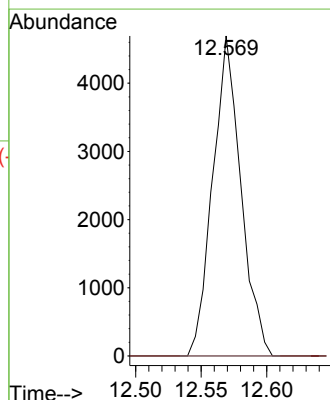
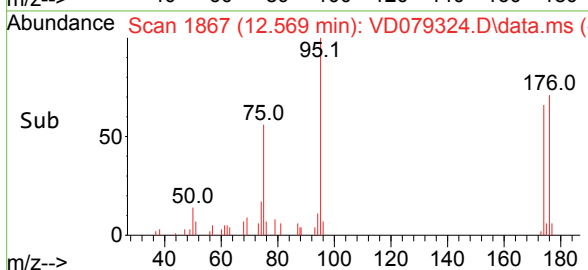
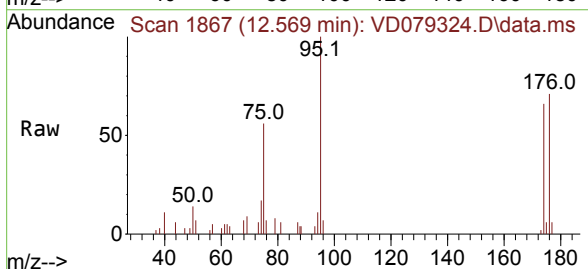


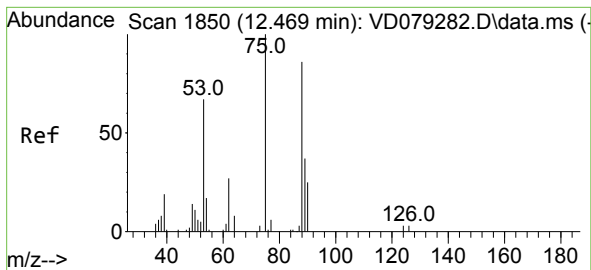
Tgt Ion:152 Resp: 11323
 Ion Ratio Lower Upper
 152 100
 115 63.3 26.5 79.5
 150 160.5 0.0 341.6



#76
 1,2,3-Trichloropropane
 Concen: 61.836 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD079324.D
 Acq: 02 Jul 2024 17:37

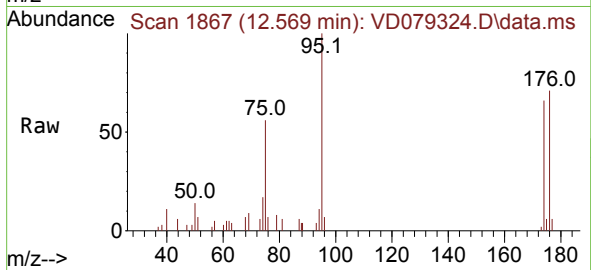
Tgt Ion: 75 Resp: 7007
 Ion Ratio Lower Upper
 75 100
 77 0.0 0.0 0.0





#81
 trans-1,4-Dichloro-2-butene
 Concen: 114.744 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD079324.D
 Acq: 02 Jul 2024 17:37

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 7007
 Ion Ratio Lower Upper
 75 100
 53 0.0 61.4 92.2#
 89 0.0 35.4 53.0#

