

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079587.D
 Acq On : 05 Aug 2024 18:11
 Operator : RP/MD
 Sample : P3448-01
 Misc : 3.81G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP1

Quant Time: Aug 06 02:48:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

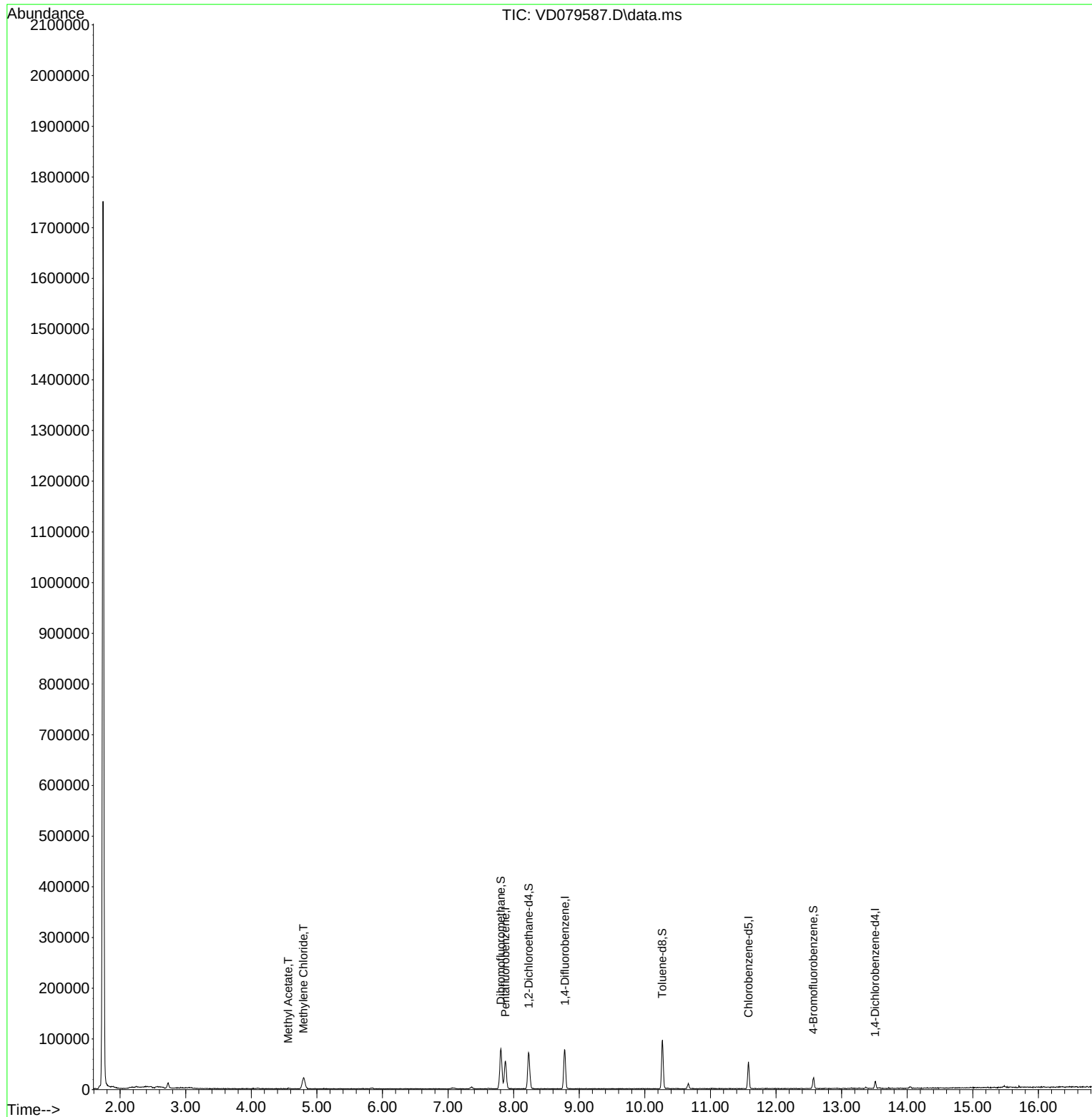
Internal Standards						
1) Pentafluorobenzene	7.875	168	43006	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	70184	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	29450	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	4397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	55116	126.152	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 252.300%#	
35) Dibromofluoromethane	7.804	113	56012	117.911	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 235.820%#	
50) Toluene-d8	10.263	98	69227	37.527	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 75.060%	
62) 4-Bromofluorobenzene	12.569	95	5049	9.458	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 18.920%#	
Target Compounds						
18) Methyl Acetate	4.563	43	1598	6.062	ug/l	93
20) Methylene Chloride	4.793	84	17579	19.348	ug/l #	87

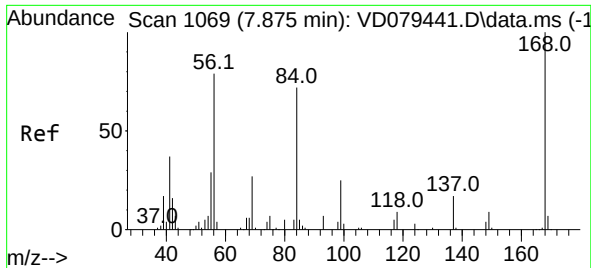
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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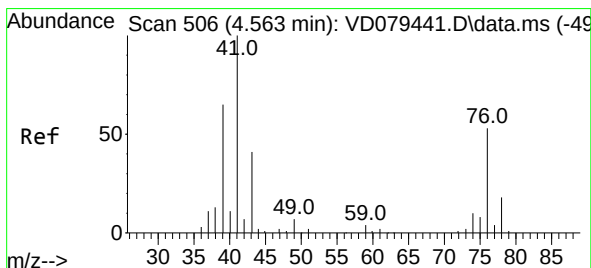
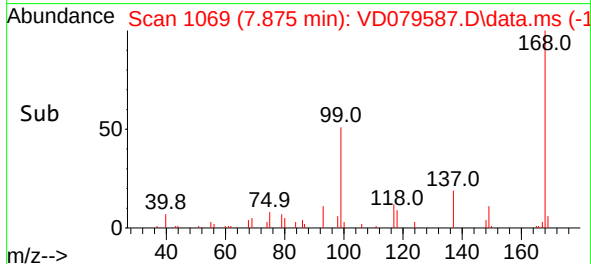
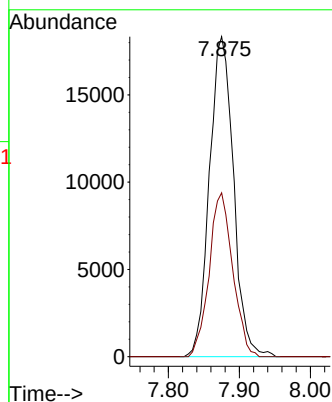
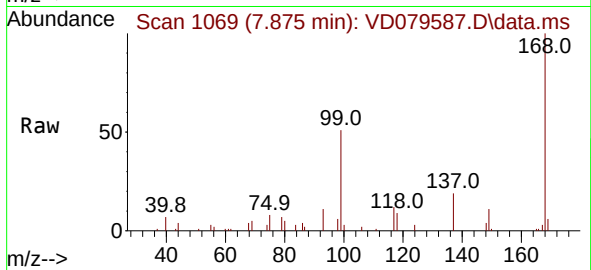




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079587.D
Acq: 05 Aug 2024 18:11

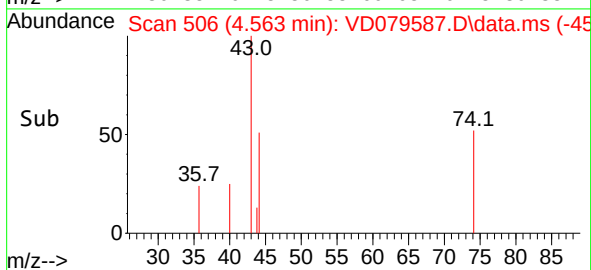
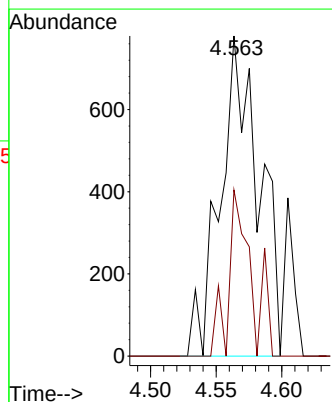
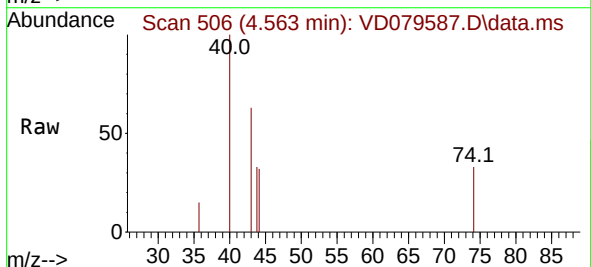
Instrument :
MSVOA_D
ClientSampleId :
TP1

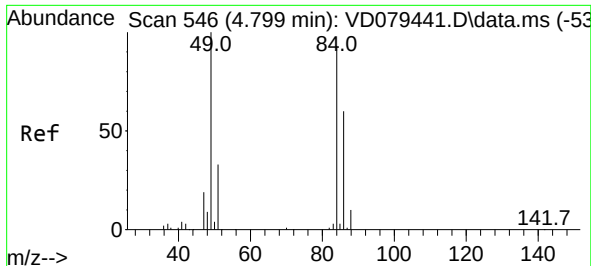
Tgt Ion:168 Resp: 43006
Ion Ratio Lower Upper
168 100
99 51.2 41.1 61.7



#18
Methyl Acetate
Concen: 6.062 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD079587.D
Acq: 05 Aug 2024 18:11

Tgt Ion: 43 Resp: 1598
Ion Ratio Lower Upper
43 100
74 31.0 28.1 42.1

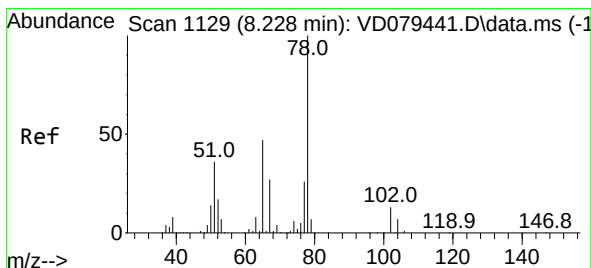
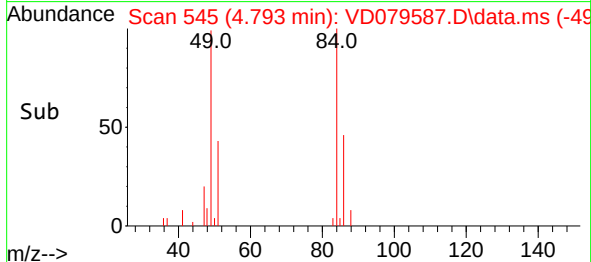
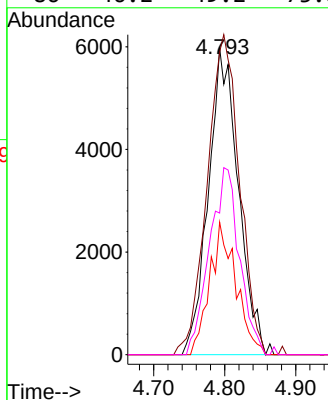
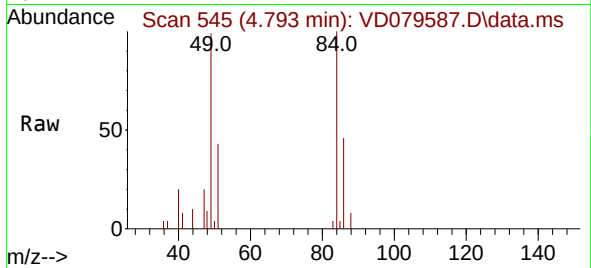




#20
Methylene Chloride
Concen: 19.348 ug/l
RT: 4.793 min Scan# 546
Delta R.T. -0.006 min
Lab File: VD079587.D
Acq: 05 Aug 2024 18:11

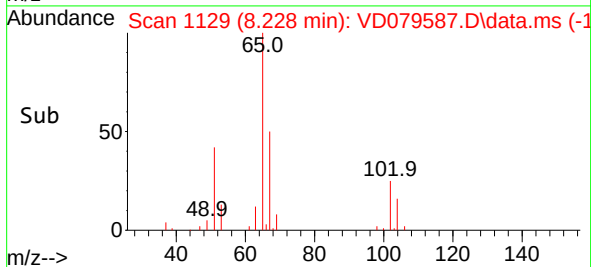
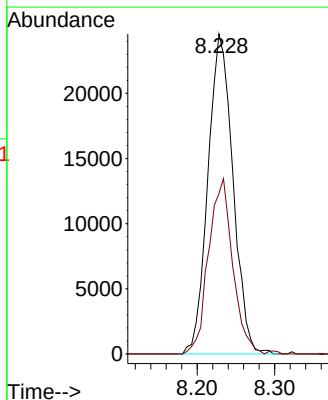
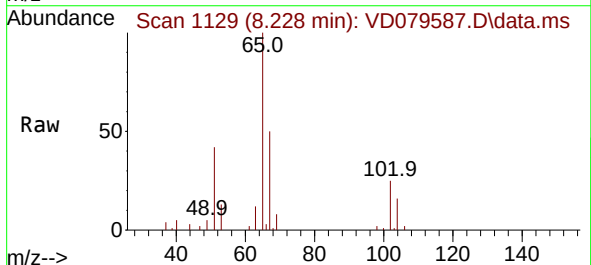
Instrument :
MSVOA_D
ClientSampleId :
TP1

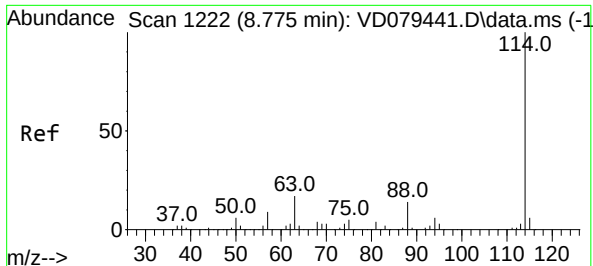
Tgt Ion:	84	Resp:	17579
Ion	Ratio	Lower	Upper
84	100		
49	98.7	75.6	113.4
51	43.2	24.2	36.2#
86	46.2	49.2	73.8#



#33
1,2-Dichloroethane-d4
Concen: 126.152 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079587.D
Acq: 05 Aug 2024 18:11

Tgt Ion:	65	Resp:	55116
Ion	Ratio	Lower	Upper
65	100		
67	52.9	0.0	111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD079587.D

Acq: 05 Aug 2024 18:11

Instrument :

MSVOA_D

ClientSampleId :

TP1

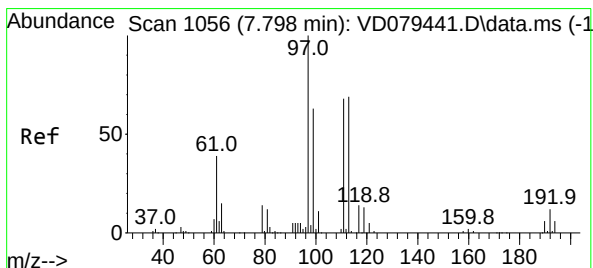
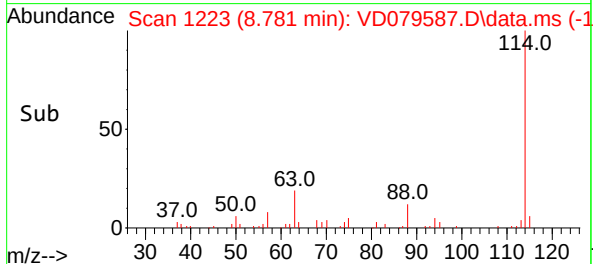
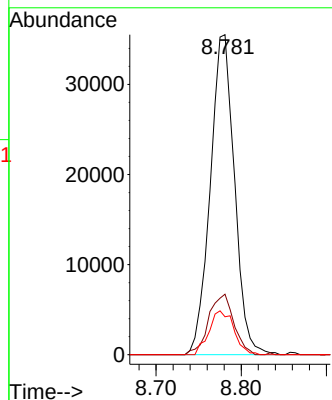
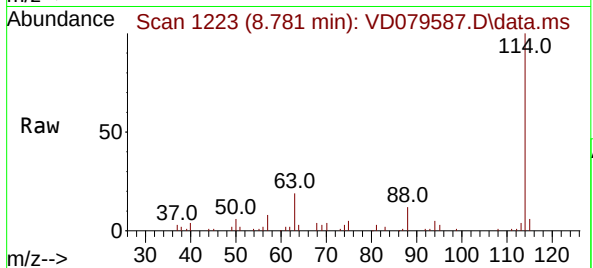
Tgt Ion:114 Resp: 70184

Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.0

88 11.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 117.911 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079587.D

Acq: 05 Aug 2024 18:11

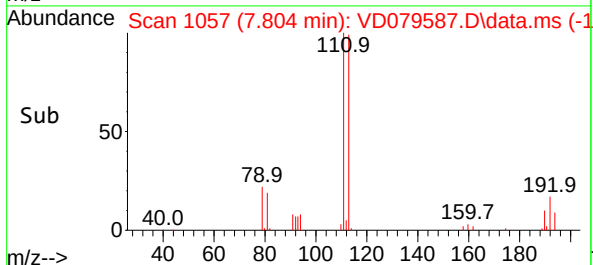
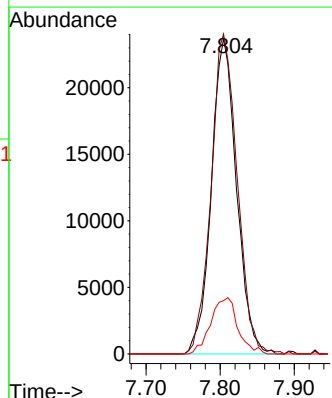
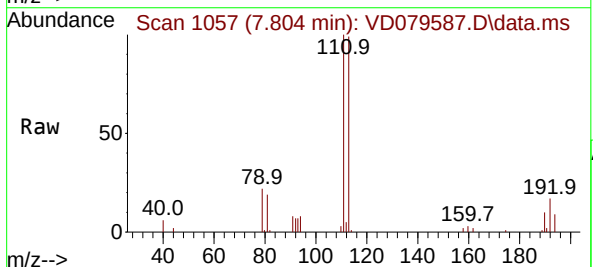
Tgt Ion:113 Resp: 56012

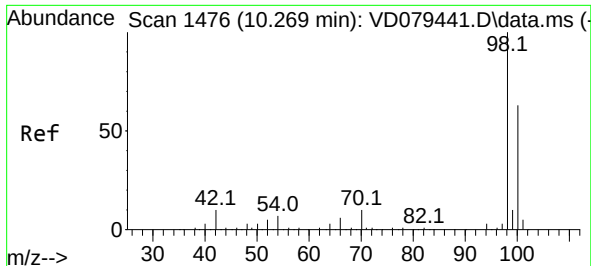
Ion Ratio Lower Upper

113 100

111 105.1 84.0 126.0

192 19.2 15.4 23.0

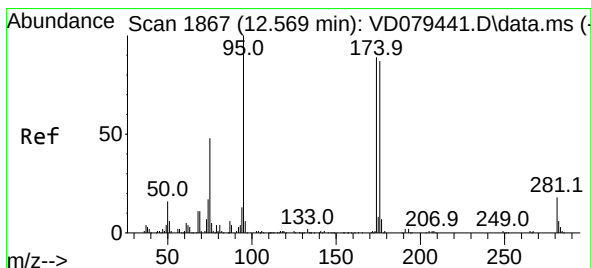
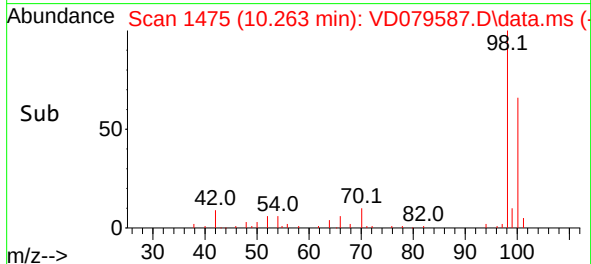
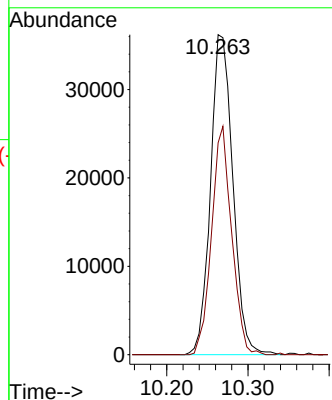
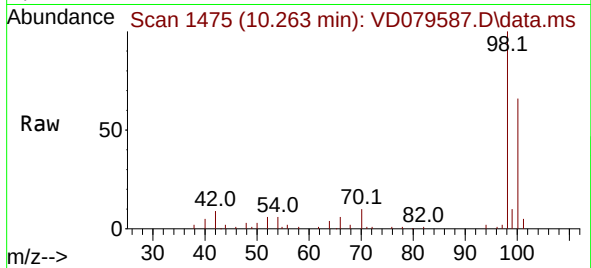




#50
Toluene-d8
Concen: 37.527 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VD079587.D
Acq: 05 Aug 2024 18:11

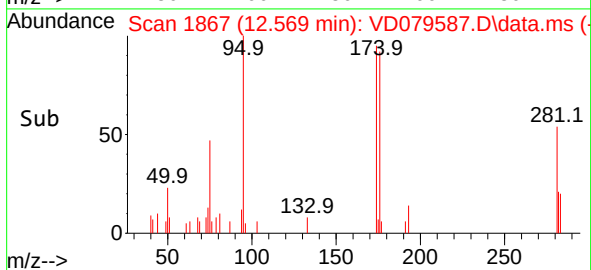
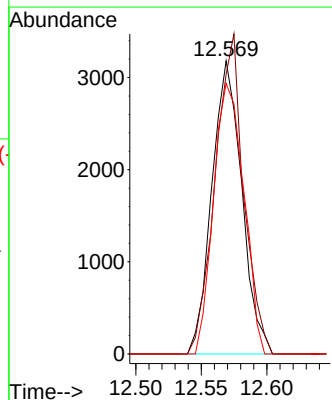
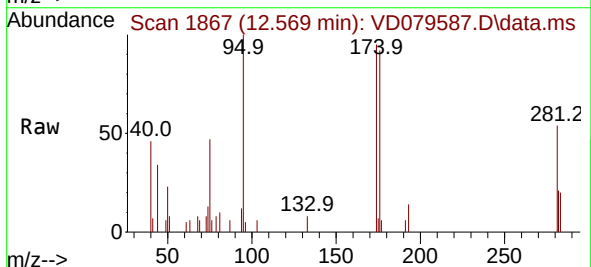
Instrument :
MSVOA_D
ClientSampleId :
TP1

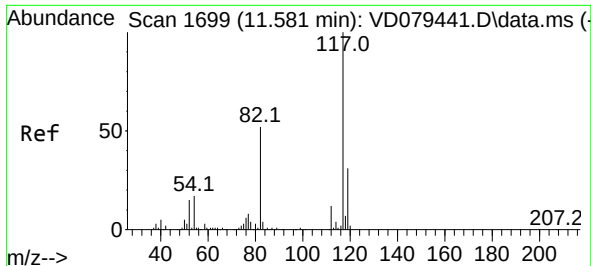
Tgt Ion: 98 Resp: 69227
Ion Ratio Lower Upper
98 100
100 64.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 9.458 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079587.D
Acq: 05 Aug 2024 18:11

Tgt Ion: 95 Resp: 5049
Ion Ratio Lower Upper
95 100
174 104.1 0.0 195.4
176 93.5 0.0 192.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.581 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079587.D

Acq: 05 Aug 2024 18:11

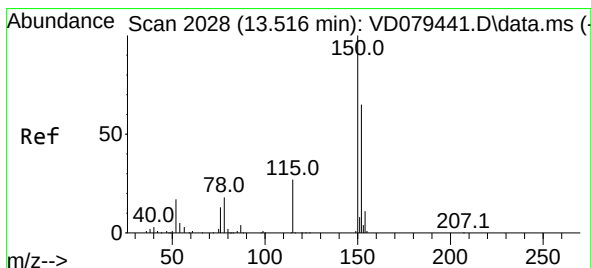
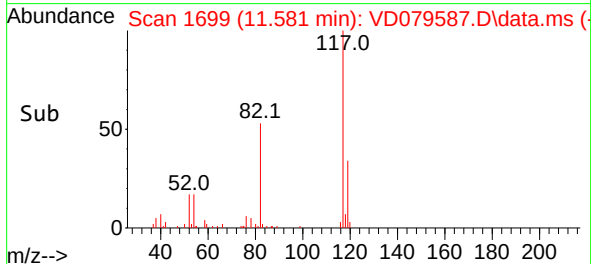
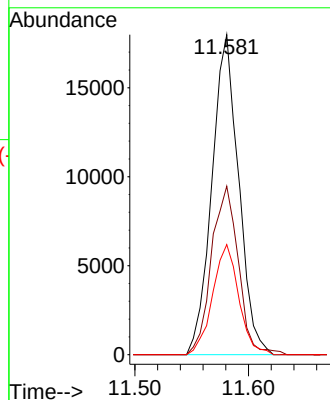
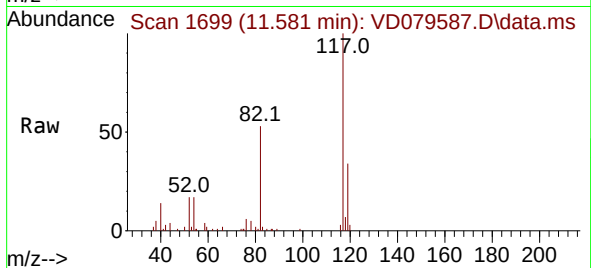
Instrument :

MSVOA_D

ClientSampleId :

TP1

Tgt Ion:117	Resp:	29450
Ion	Ratio	Lower Upper
117	100	
82	52.7	39.8 59.6
119	34.4	25.7 38.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.510 min Scan# 2027

Delta R.T. -0.000 min

Lab File: VD079587.D

Acq: 05 Aug 2024 18:11

Tgt Ion:152	Resp:	4397
Ion	Ratio	Lower Upper
152	100	
115	51.5	26.5 79.5
150	142.4	0.0 341.6

