

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080724\
 Data File : VD079647.D
 Acq On : 07 Aug 2024 18:03
 Operator : RP/MD
 Sample : P3393-09
 Misc : 7.56G/5.0ml/MSVOA_D/SOILA
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-851-GI-SO-10-10.5-072624-FD

Quant Time: Aug 08 01:53:29 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)

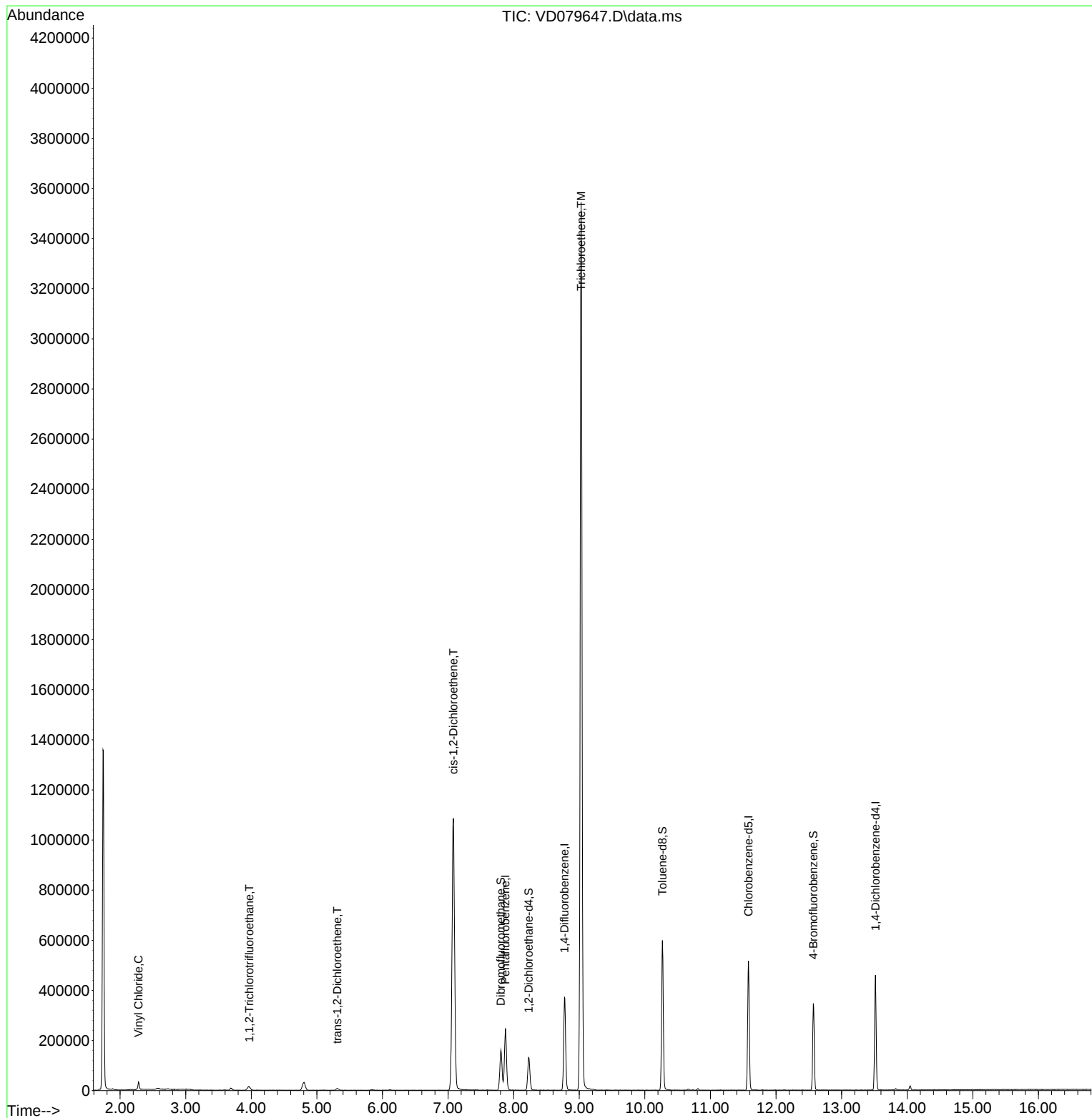
Internal Standards						
1) Pentafluorobenzene	7.875	168	185184	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	341622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	302003	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	124705	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	99194	52.726	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.460%	
35) Dibromofluoromethane	7.804	113	118486	51.243	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 102.480%	
50) Toluene-d8	10.269	98	423410	47.154	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 94.300%	
62) 4-Bromofluorobenzene	12.569	95	106476	40.977	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 81.960%	
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.281	62	25484	8.017	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.969	101	9528	4.765	ug/l	92
21) trans-1,2-Dichloroethene	5.310	96	5309	2.362	ug/l #	76
27) cis-1,2-Dichloroethene	7.081	96	717038	279.084	ug/l	97
44) Trichloroethene	9.028	130	1299073	520.608	ug/l	93

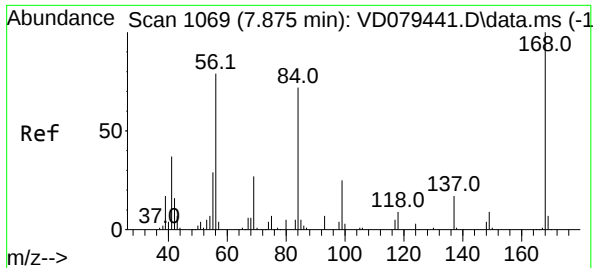
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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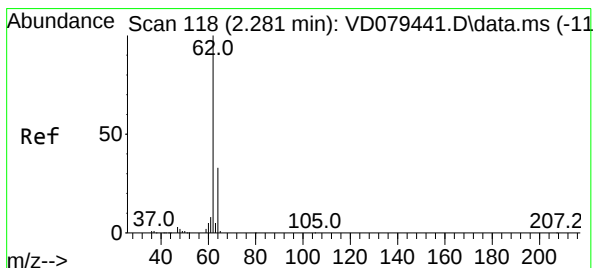
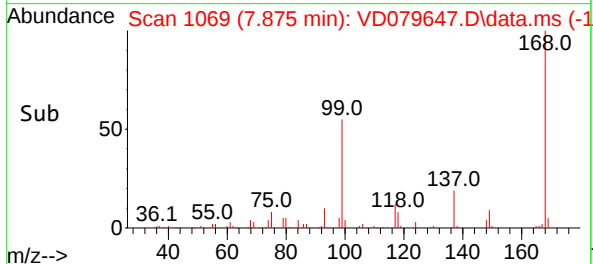
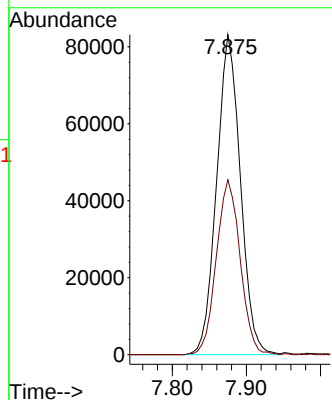
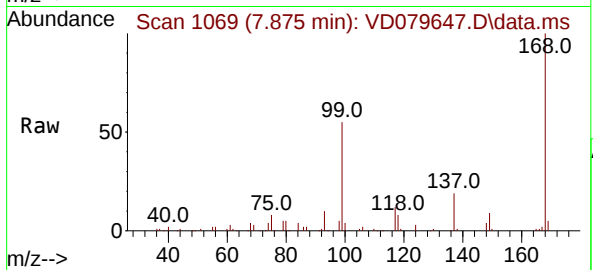




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079647.D
Acq: 07 Aug 2024 18:03

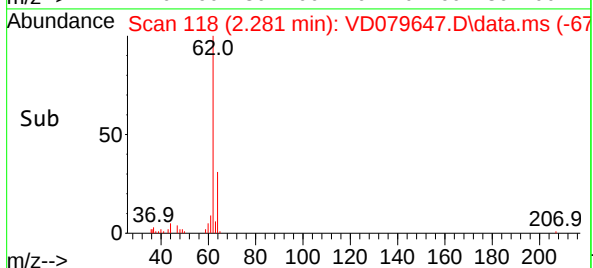
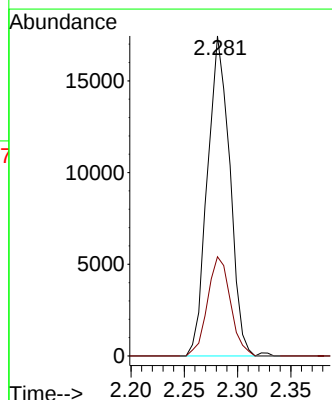
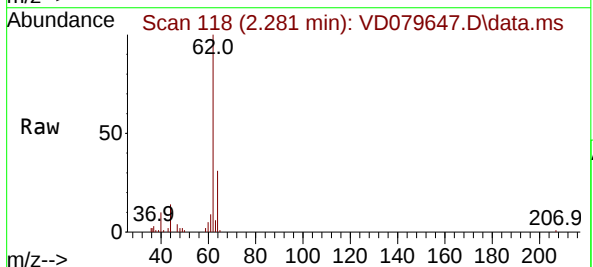
Instrument :
MSVOA_D
ClientSampleId :
S-851-GI-SO-10-10.5-072624-FD

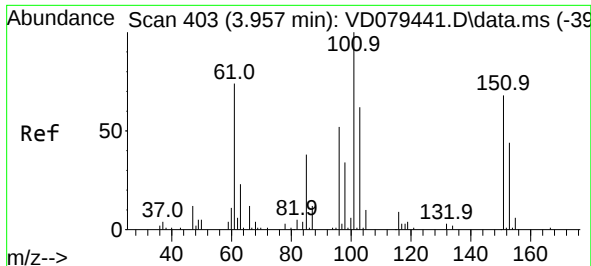
Tgt Ion:168 Resp: 185184
Ion Ratio Lower Upper
168 100
99 54.7 41.1 61.7



#4
Vinyl Chloride
Concen: 8.017 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.000 min
Lab File: VD079647.D
Acq: 07 Aug 2024 18:03

Tgt Ion: 62 Resp: 25484
Ion Ratio Lower Upper
62 100
64 31.0 26.3 39.5

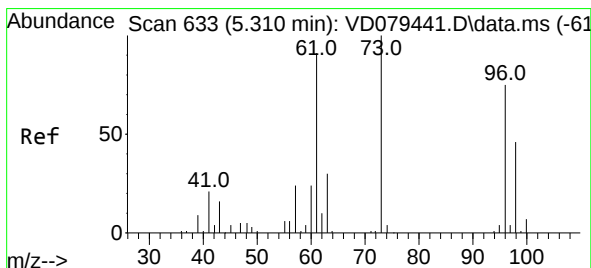
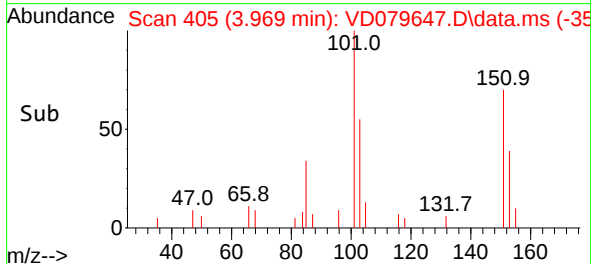
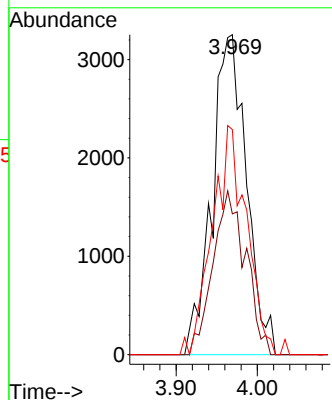
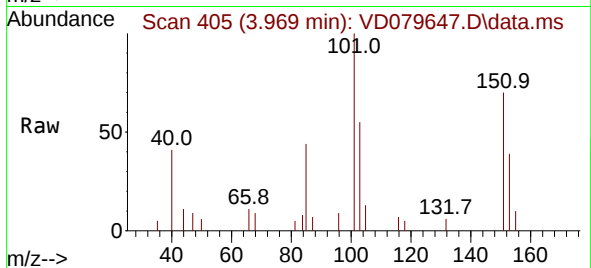




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.765 ug/l
RT: 3.969 min Scan# 403
Delta R.T. 0.006 min
Lab File: VD079647.D
Acq: 07 Aug 2024 18:03

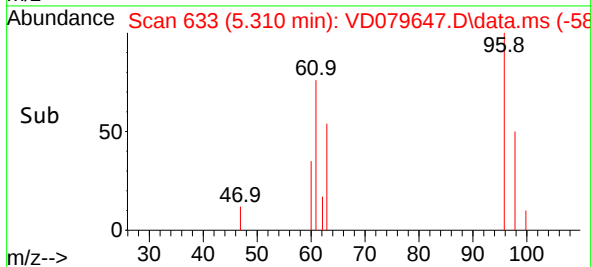
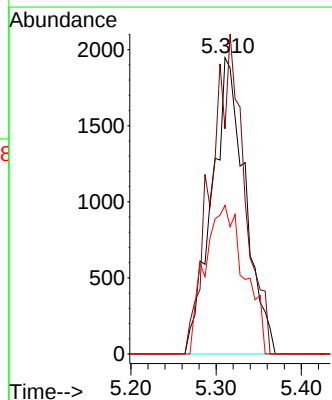
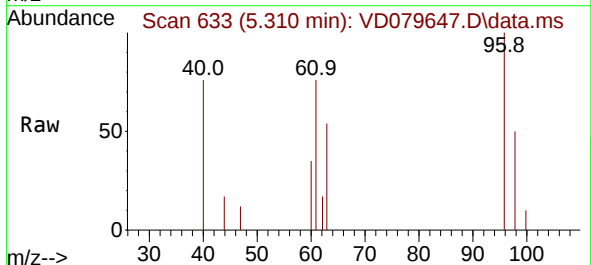
Instrument :
MSVOA_D
ClientSampleId :
S-851-GI-SO-10-10.5-072624-FD

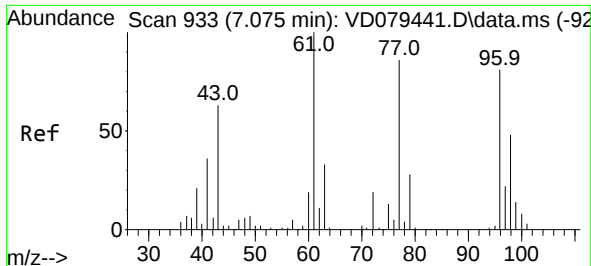
Tgt Ion:101 Resp: 9528
Ion Ratio Lower Upper
101 100
85 49.0 33.5 50.3
151 70.7 60.3 90.5



#21
trans-1,2-Dichloroethene
Concen: 2.362 ug/l
RT: 5.310 min Scan# 633
Delta R.T. -0.000 min
Lab File: VD079647.D
Acq: 07 Aug 2024 18:03

Tgt Ion: 96 Resp: 5309
Ion Ratio Lower Upper
96 100
61 76.0 84.5 126.7#
98 50.2 50.5 75.7#





#27

cis-1,2-Dichloroethene

Concen: 279.084 ug/l

RT: 7.081 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD079647.D

Acq: 07 Aug 2024 18:03

Instrument :

MSVOA_D

ClientSampleId :

S-851-GI-SO-10-10.5-072624-FD

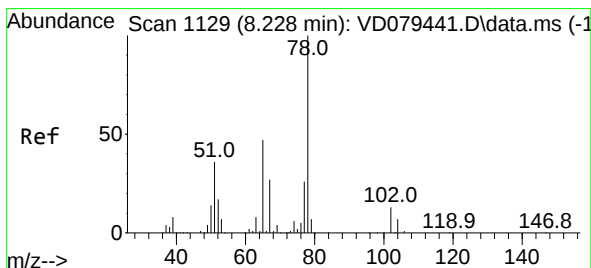
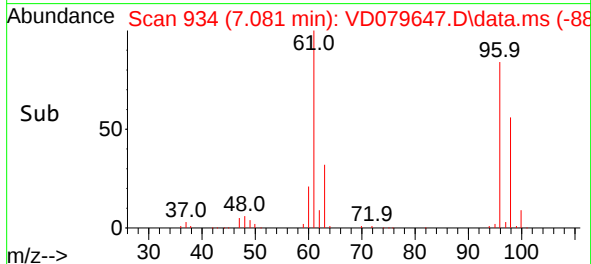
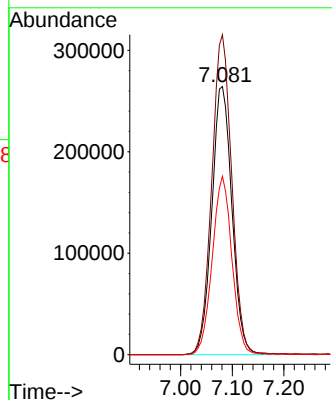
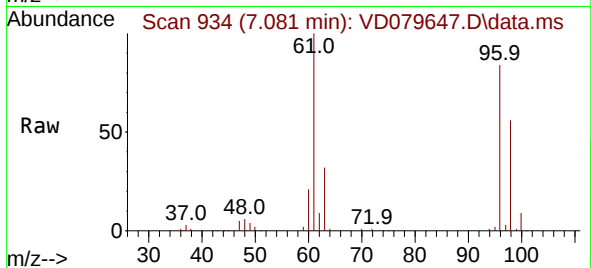
Tgt Ion: 96 Resp: 717038

Ion Ratio Lower Upper

96 100

61 118.5 0.0 229.0

98 64.8 0.0 127.2



#33

1,2-Dichloroethane-d4

Concen: 52.726 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079647.D

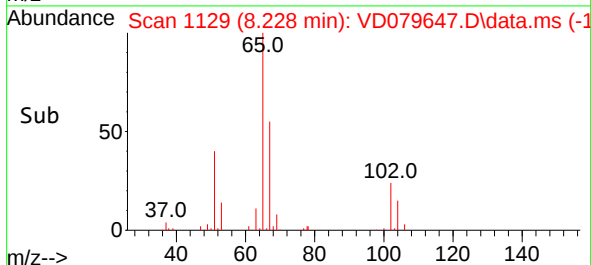
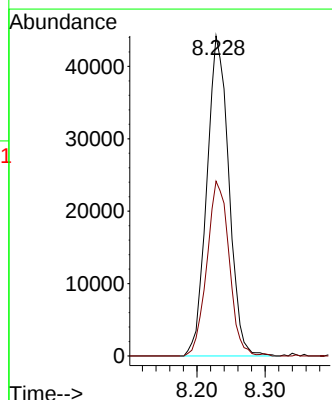
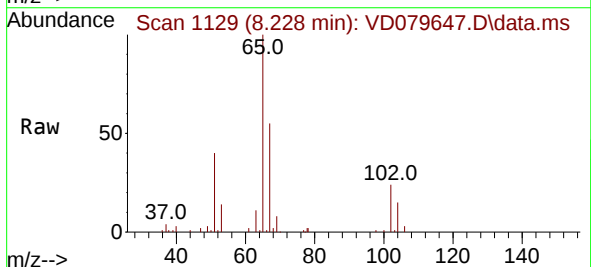
Acq: 07 Aug 2024 18:03

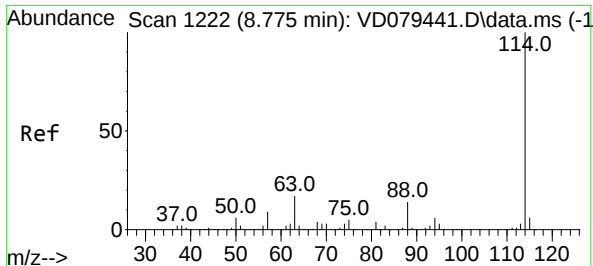
Tgt Ion: 65 Resp: 99194

Ion Ratio Lower Upper

65 100

67 55.3 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD079647.D

Acq: 07 Aug 2024 18:03

Instrument :

MSVOA_D

ClientSampleId :

S-851-GI-SO-10-10.5-072624-FD

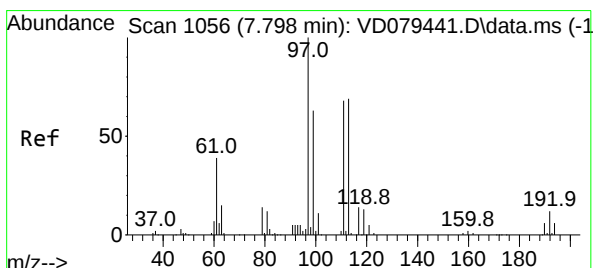
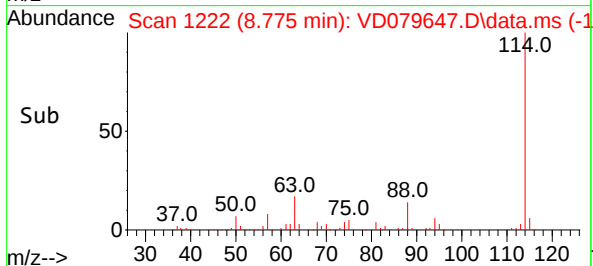
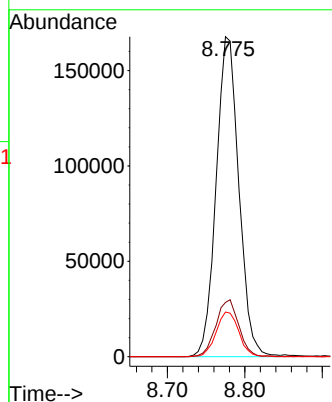
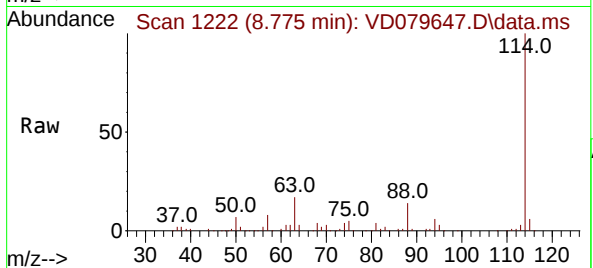
Tgt Ion:114 Resp: 341622

Ion Ratio Lower Upper

114 100

63 16.9 0.0 34.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.243 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079647.D

Acq: 07 Aug 2024 18:03

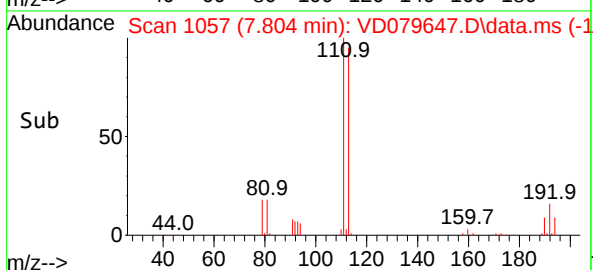
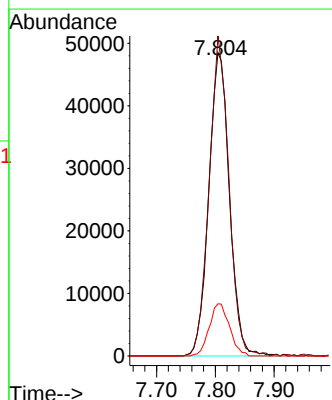
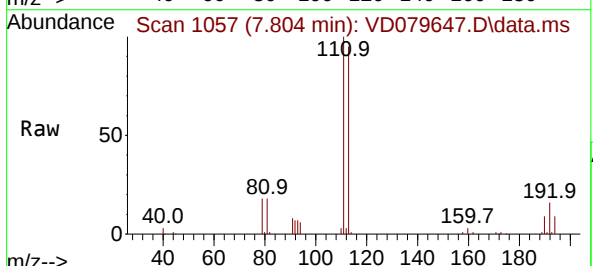
Tgt Ion:113 Resp: 118486

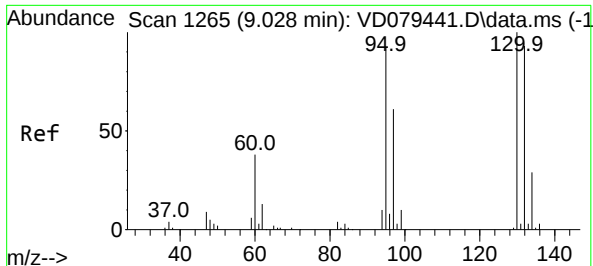
Ion Ratio Lower Upper

113 100

111 100.8 84.0 126.0

192 16.9 15.4 23.0

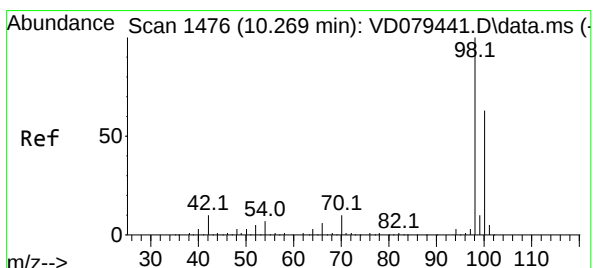
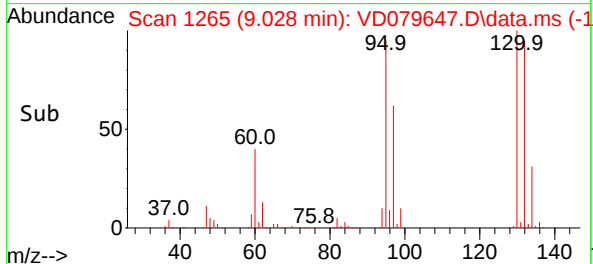
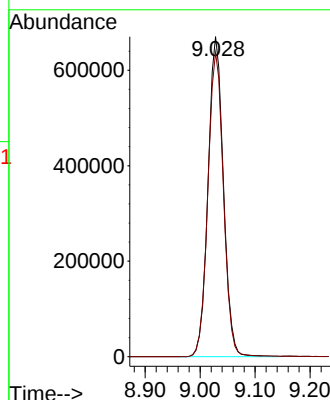
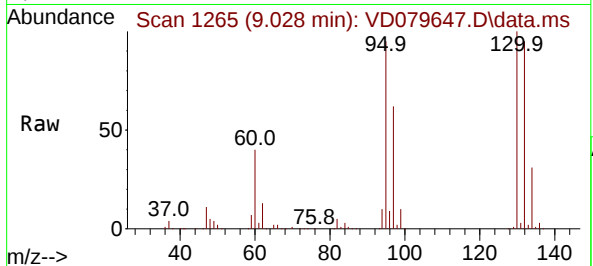




#44
Trichloroethene
Concen: 520.608 ug/l
RT: 9.028 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079647.D
Acq: 07 Aug 2024 18:03

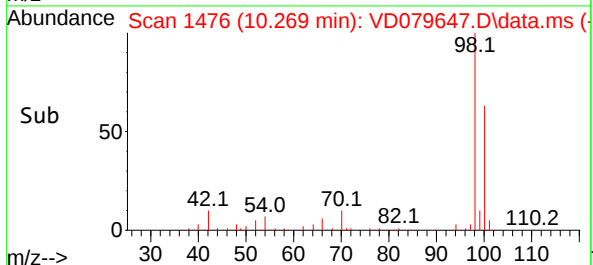
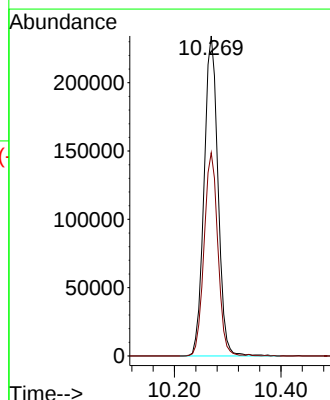
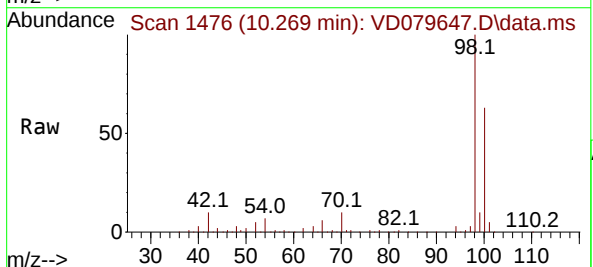
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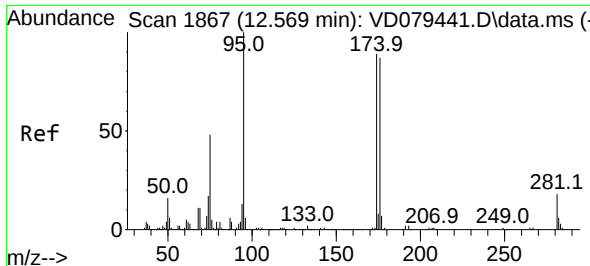
Tgt Ion:130 Resp: 1299073
Ion Ratio Lower Upper
130 100
95 95.1 0.0 177.8



#50
Toluene-d8
Concen: 47.154 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079647.D
Acq: 07 Aug 2024 18:03

Tgt Ion: 98 Resp: 423410
Ion Ratio Lower Upper
98 100
100 62.8 51.6 77.4

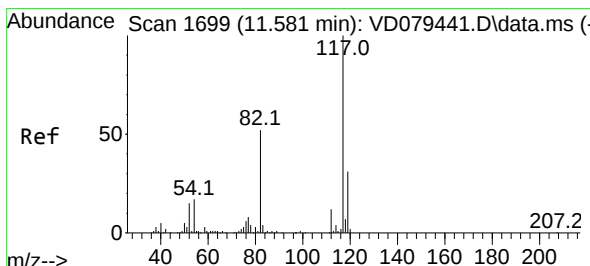
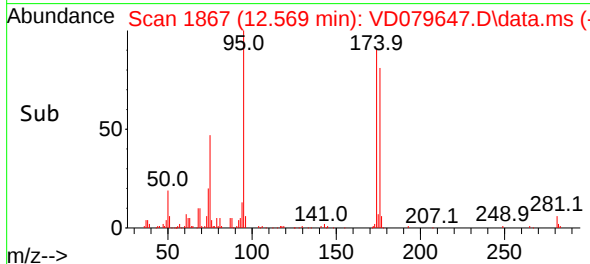
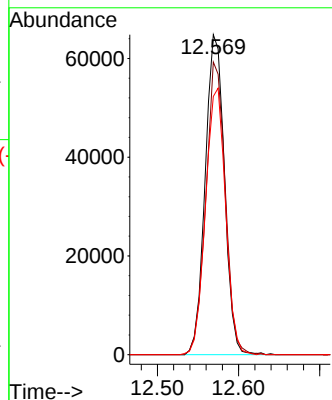
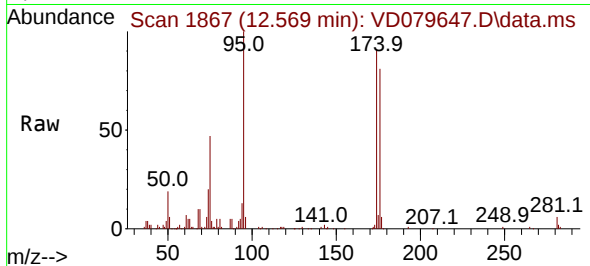




#62
4-Bromofluorobenzene
Concen: 40.977 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079647.D
Acq: 07 Aug 2024 18:03

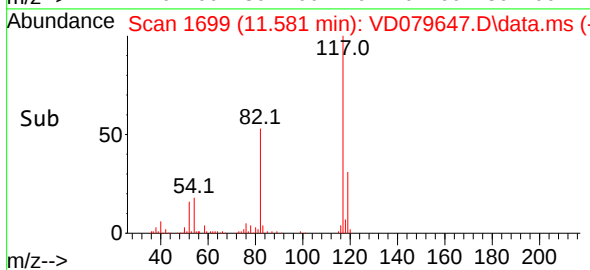
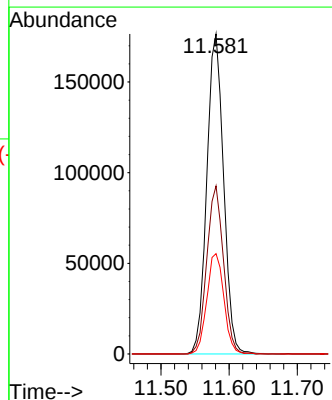
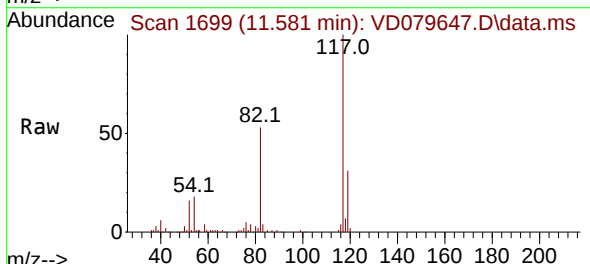
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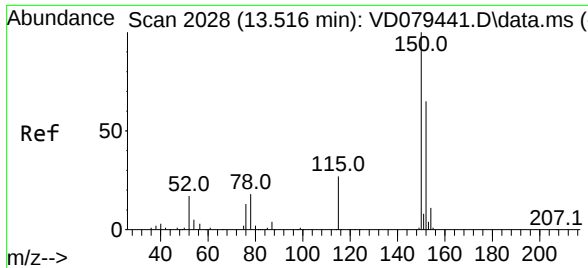
Tgt Ion: 95 Resp: 106476
Ion Ratio Lower Upper
95 100
174 92.6 0.0 195.4
176 87.0 0.0 192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079647.D
Acq: 07 Aug 2024 18:03

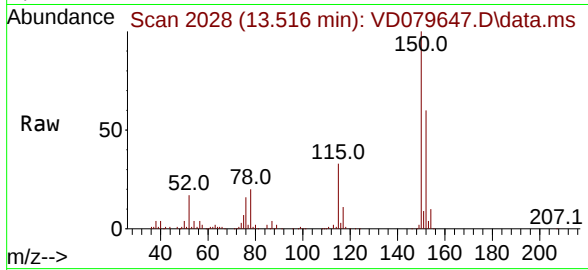
Tgt Ion: 117 Resp: 302003
Ion Ratio Lower Upper
117 100
82 52.5 39.8 59.6
119 31.4 25.7 38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VD079647.D
 Acq: 07 Aug 2024 18:03

Instrument :
 MSVOA_D
 ClientSampleId :
 S-851-GI-SO-10-10.5-072624-FD



Tgt Ion:	152	Resp:	124705
Ion	Ratio	Lower	Upper
152	100		
115	55.7	26.5	79.5
150	158.6	0.0	341.6

