

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080724\
 Data File : VD079646.D
 Acq On : 07 Aug 2024 17:36
 Operator : RP/MD
 Sample : P3393-08
 Misc : 8.40G/5.0ml/MSVOA_D/SOILA
 ALS Vial : 13 Sample Multiplier: 1

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

Quant Time: Aug 08 01:53:04 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)

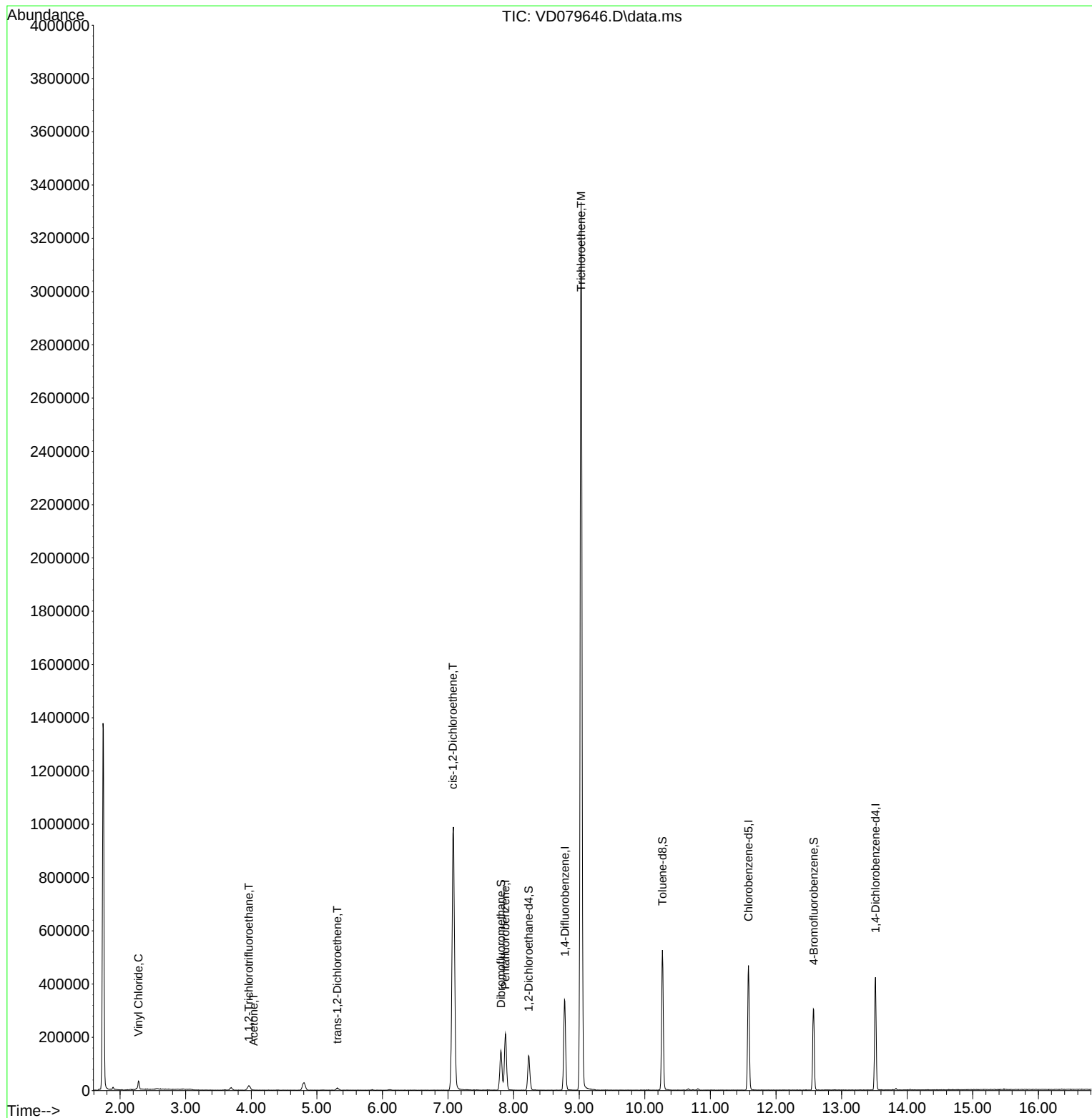
Internal Standards						
1) Pentafluorobenzene	7.875	168	163207	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	309742	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	279385	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	118041	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	95825	57.795	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.580%
35) Dibromofluoromethane	7.810	113	107212	51.139	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.280%
50) Toluene-d8	10.269	98	376983	46.305	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.600%
62) 4-Bromofluorobenzene	12.575	95	97573	41.415	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.840%
Target Compounds						Qvalue
4) Vinyl Chloride	2.281	62	26889	9.598	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.964	101	11087	6.292	ug/l	94
16) Acetone	4.034	43	1691	5.248	ug/l #	80
21) trans-1,2-Dichloroethene	5.311	96	5662	2.858	ug/l	97
27) cis-1,2-Dichloroethene	7.075	96	659693	291.339	ug/l	99
44) Trichloroethene	9.028	130	1221529	539.917	ug/l	90

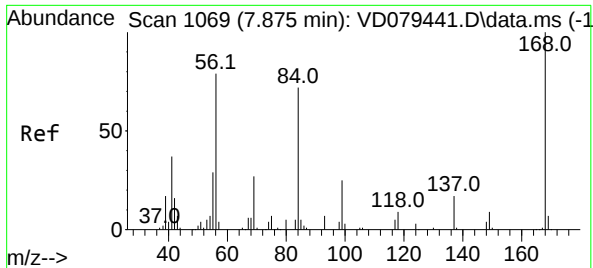
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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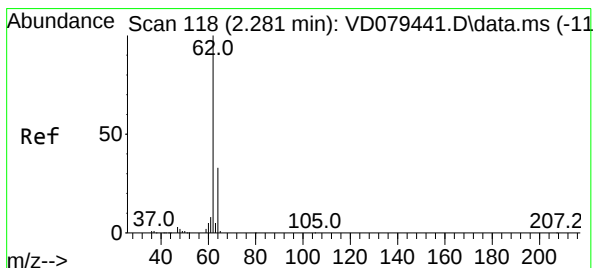
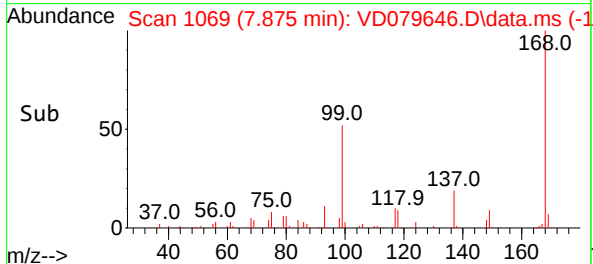
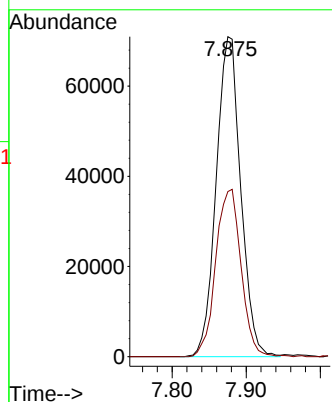
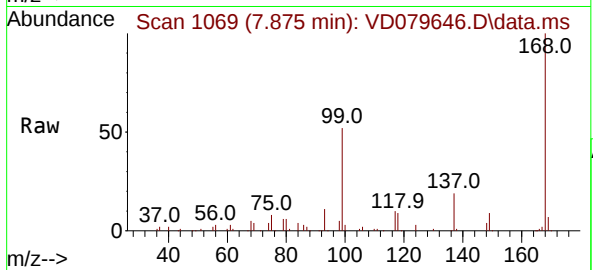




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079646.D
Acq: 07 Aug 2024 17:36

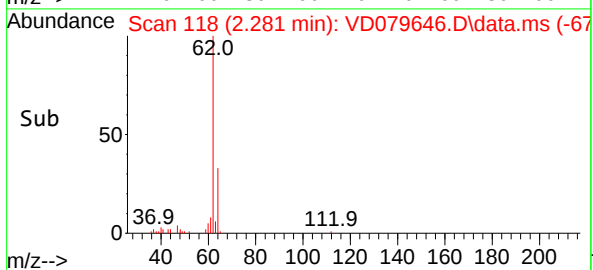
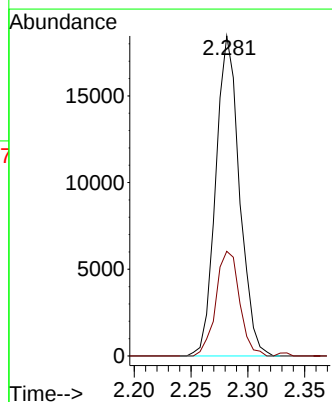
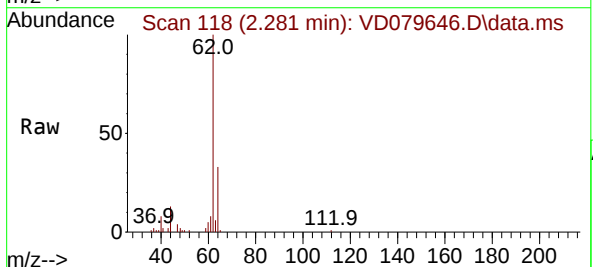
Instrument :
MSVOA_D
ClientSampleId :
S-851-GI-SO-10-10.5-072624

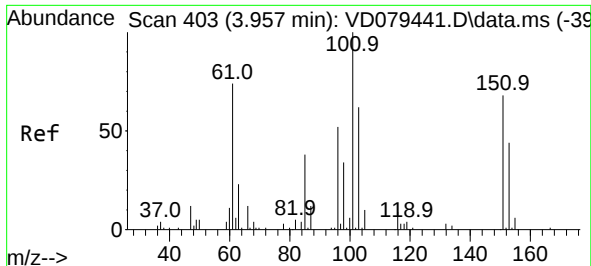
Tgt Ion:168 Resp: 163207
Ion Ratio Lower Upper
168 100
99 51.6 41.1 61.7



#4
Vinyl Chloride
Concen: 9.598 ug/l
RT: 2.281 min Scan# 118
Delta R.T. 0.000 min
Lab File: VD079646.D
Acq: 07 Aug 2024 17:36

Tgt Ion: 62 Resp: 26889
Ion Ratio Lower Upper
62 100
64 32.7 26.3 39.5

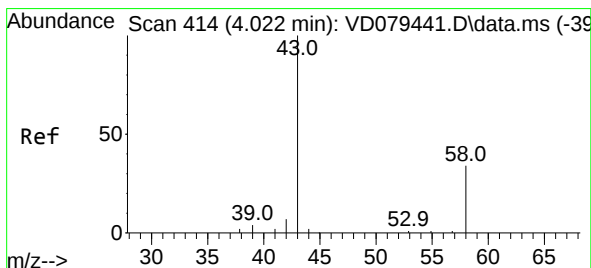
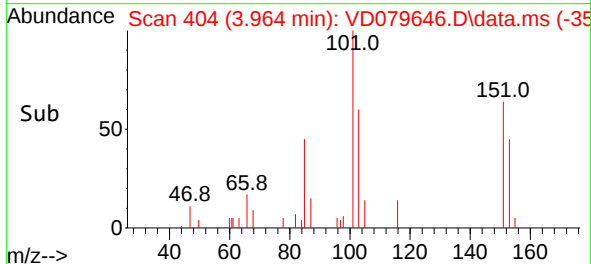
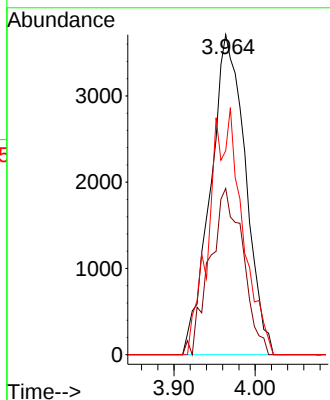
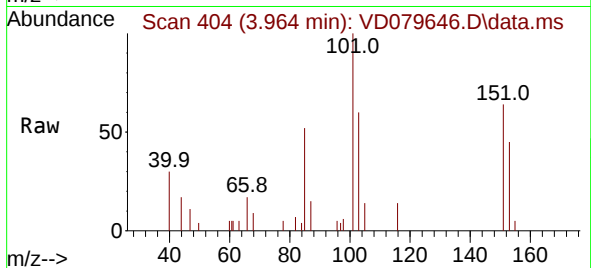




#9
1,1,2-Trichlorotrifluoroethane
Concen: 6.292 ug/l
RT: 3.964 min Scan# 403
Delta R.T. 0.000 min
Lab File: VD079646.D
Acq: 07 Aug 2024 17:36

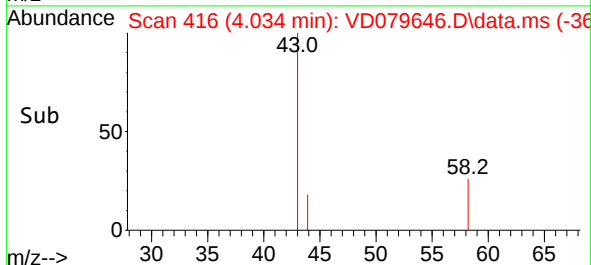
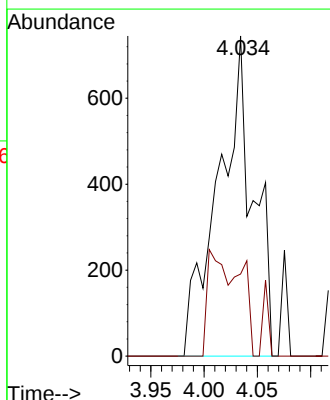
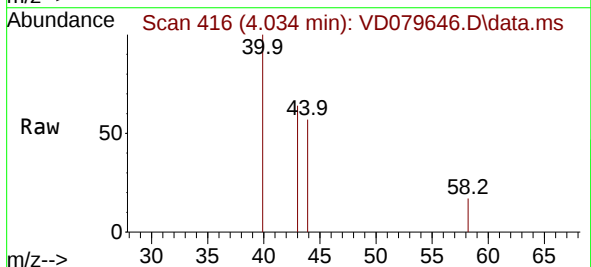
Instrument :
MSVOA_D
ClientSampleId :
S-851-GI-SO-10-10.5-072624

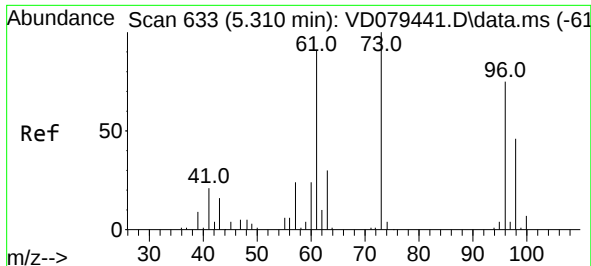
Tgt Ion	101	Resp	11087
Ion Ratio	100		
85	49.3	33.5	50.3
151	73.1	60.3	90.5



#16
Acetone
Concen: 5.248 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD079646.D
Acq: 07 Aug 2024 17:36

Tgt Ion	43	Resp	1691
Ion Ratio <td>100</td> <td></td> <td></td>	100		
58	25.6	30.4	45.6#

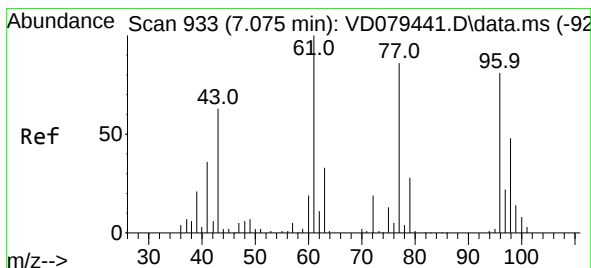
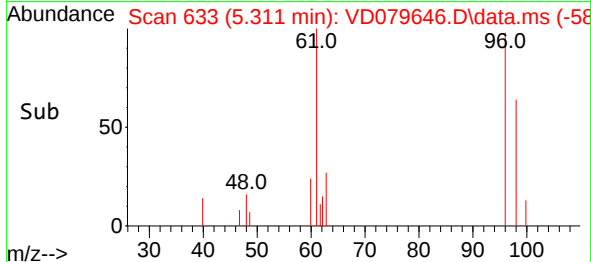
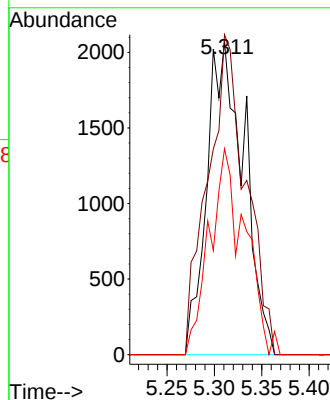
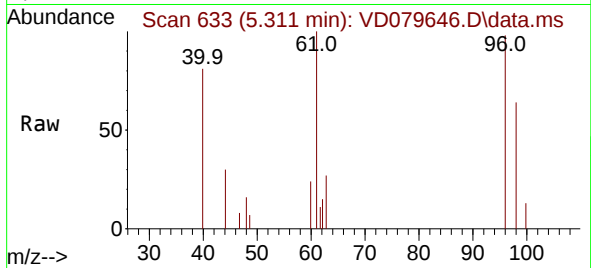




#21
trans-1,2-Dichloroethene
Concen: 2.858 ug/l
RT: 5.311 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD079646.D
Acq: 07 Aug 2024 17:36

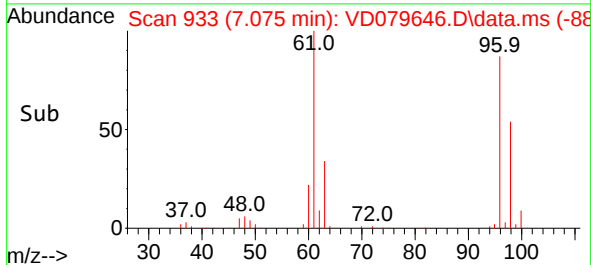
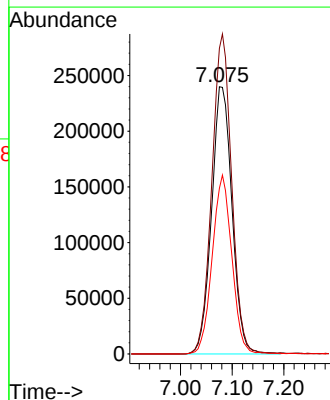
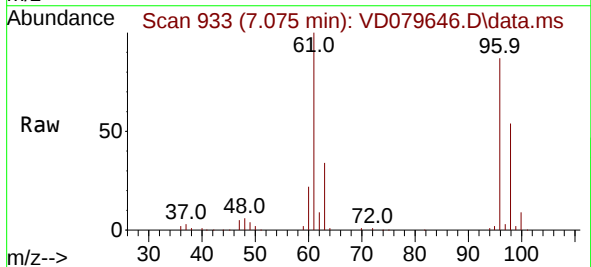
Instrument :
MSVOA_D
ClientSampleId :
S-851-GI-SO-10-10.5-072624

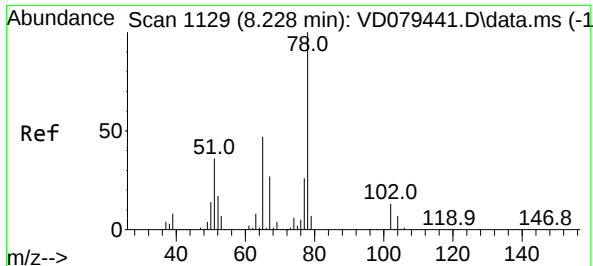
Tgt Ion: 96 Resp: 5662
Ion Ratio Lower Upper
96 100
61 102.2 84.5 126.7
98 65.8 50.5 75.7



#27
cis-1,2-Dichloroethene
Concen: 291.339 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD079646.D
Acq: 07 Aug 2024 17:36

Tgt Ion: 96 Resp: 659693
Ion Ratio Lower Upper
96 100
61 115.6 0.0 229.0
98 64.1 0.0 127.2





#33

1,2-Dichloroethane-d4

Concen: 57.795 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079646.D

Acq: 07 Aug 2024 17:36

Instrument :

MSVOA_D

ClientSampleId :

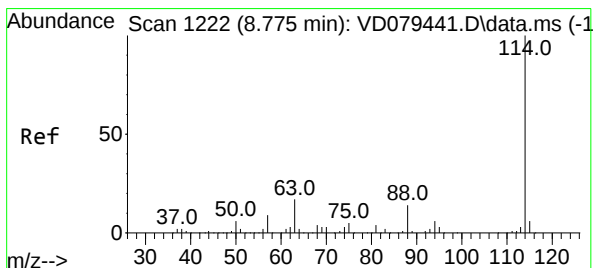
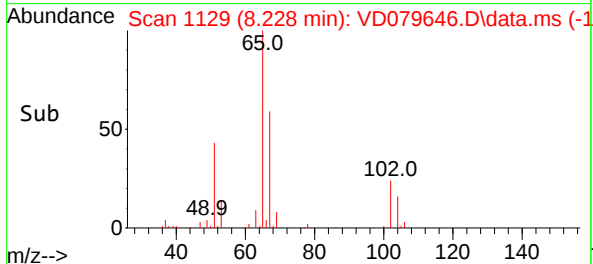
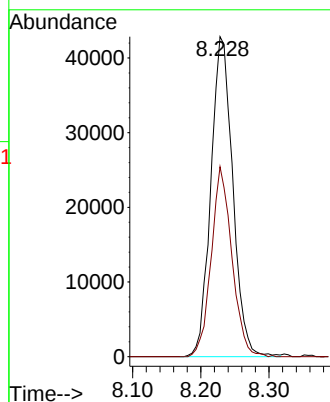
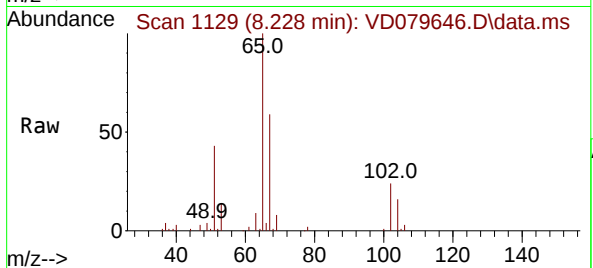
S-851-GI-SO-10-10.5-072624

Tgt Ion: 65 Resp: 95825

Ion Ratio Lower Upper

65 100

67 56.1 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD079646.D

Acq: 07 Aug 2024 17:36

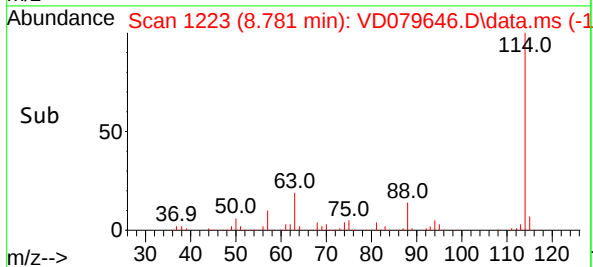
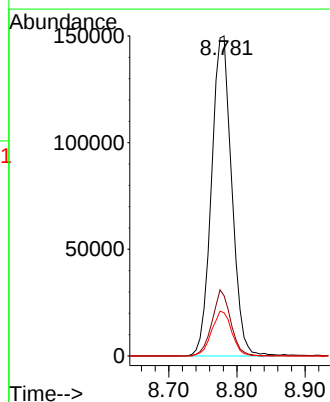
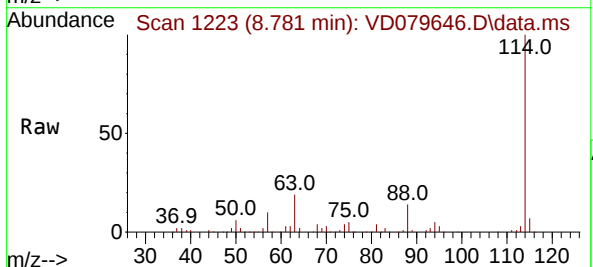
Tgt Ion: 114 Resp: 309742

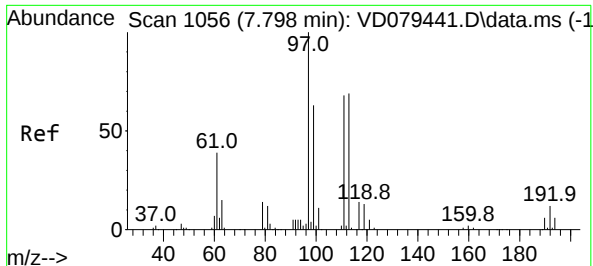
Ion Ratio Lower Upper

114 100

63 18.9 0.0 34.0

88 13.5 0.0 27.2





#35

Dibromofluoromethane

Concen: 51.139 ug/l

RT: 7.810 min Scan# 110

Delta R.T. 0.006 min

Lab File: VD079646.D

Acq: 07 Aug 2024 17:36

Instrument :

MSVOA_D

ClientSampleId :

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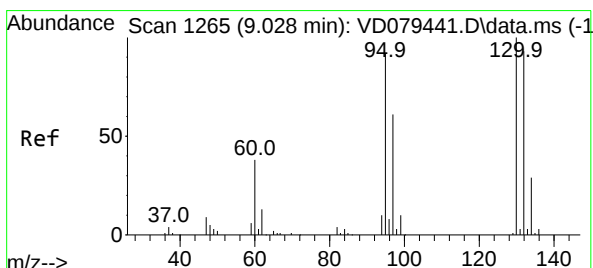
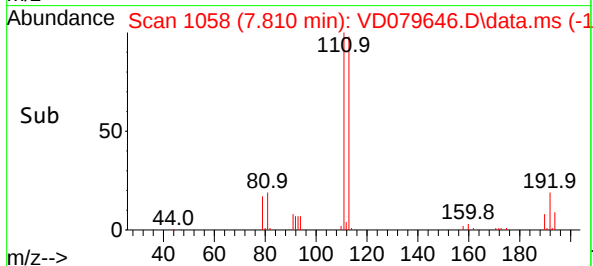
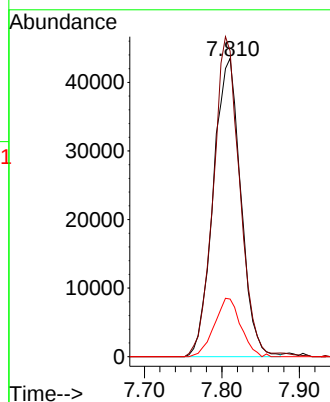
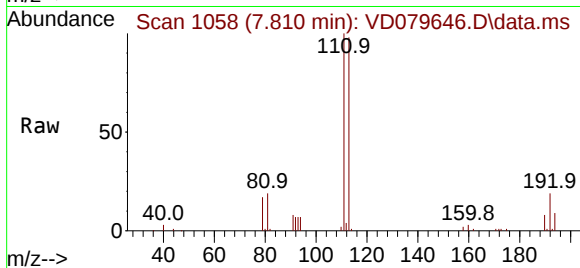
Tgt Ion:113 Resp: 107212

Ion Ratio Lower Upper

113 100

111 103.2 84.0 126.0

192 18.8 15.4 23.0



#44

Trichloroethene

Concen: 539.917 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. 0.000 min

Lab File: VD079646.D

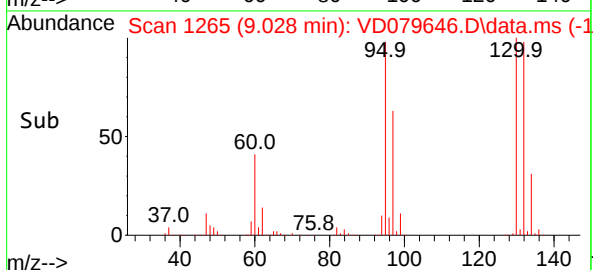
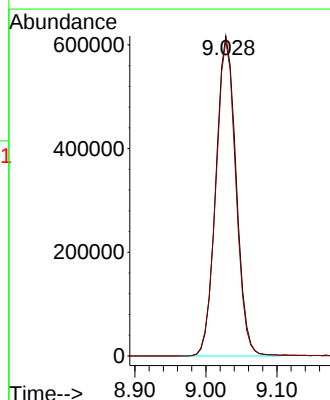
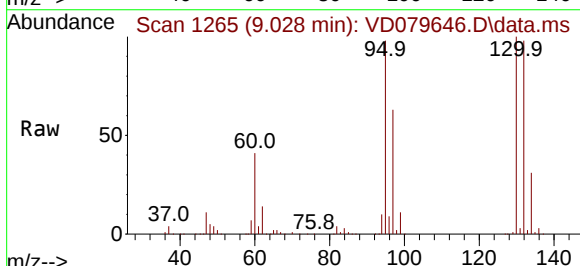
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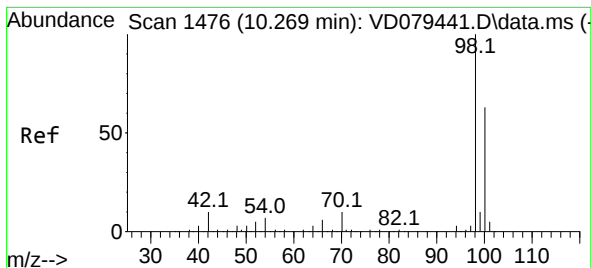
Tgt Ion:130 Resp: 1221529

Ion Ratio Lower Upper

130 100

95 98.4 0.0 177.8

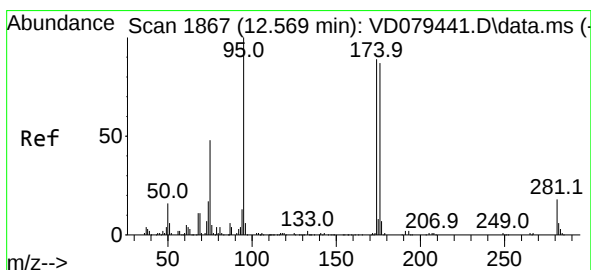
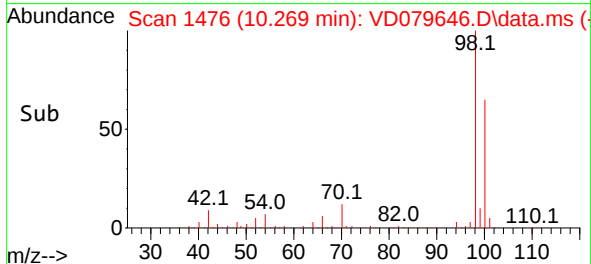
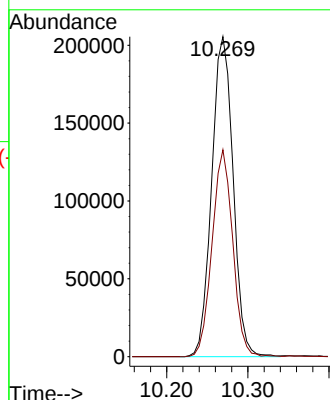
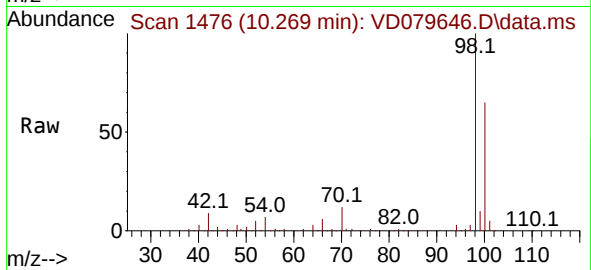




#50
Toluene-d8
Concen: 46.305 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079646.D
Acq: 07 Aug 2024 17:36

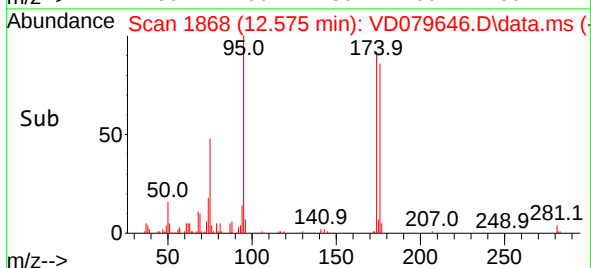
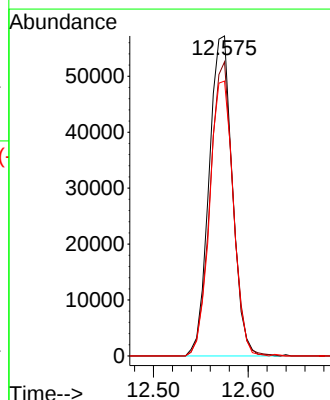
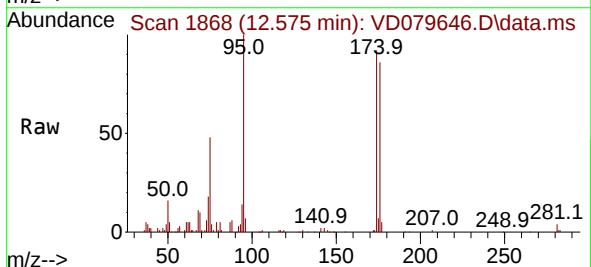
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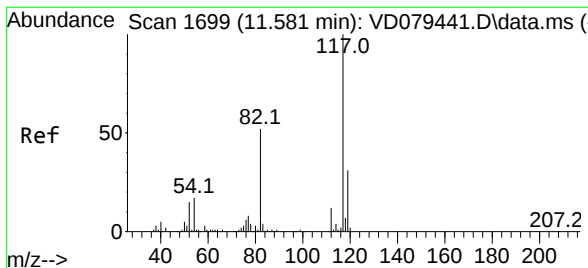
Tgt Ion: 98 Resp: 376983
Ion Ratio Lower Upper
98 100
100 62.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 41.415 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079646.D
Acq: 07 Aug 2024 17:36

Tgt Ion: 95 Resp: 97573
Ion Ratio Lower Upper
95 100
174 90.4 0.0 195.4
176 87.4 0.0 192.6

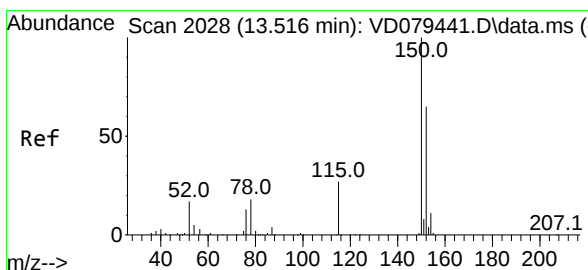
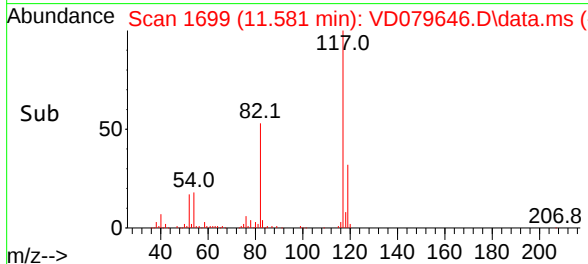
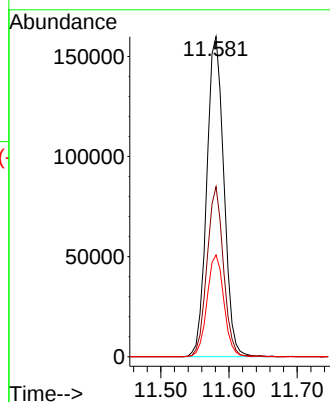
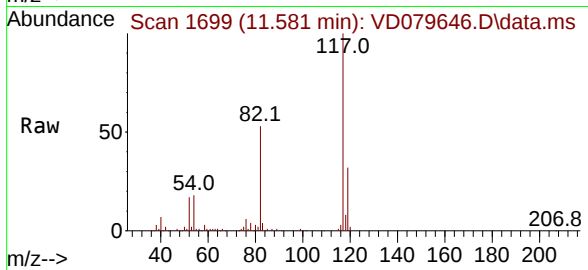




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079646.D
Acq: 07 Aug 2024 17:36

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

Tgt Ion:117 Resp: 279385
Ion Ratio Lower Upper
117 100
82 53.1 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# 2028
Delta R.T. 0.006 min
Lab File: VD079646.D
Acq: 07 Aug 2024 17:36

Tgt Ion:152 Resp: 118041
Ion Ratio Lower Upper
152 100
115 54.7 26.5 79.5
150 156.8 0.0 341.6

