

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030823\
 Data File : VD075473.D
 Acq On : 08 Mar 2023 17:01
 Operator : KP/SY
 Sample : 01837-01
 Misc : 13.77G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 CB-22-3.5-030723

Quant Time: Mar 09 02:17:15 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D030723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 08 12:19:57 2023
 Response via : Initial Calibration

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

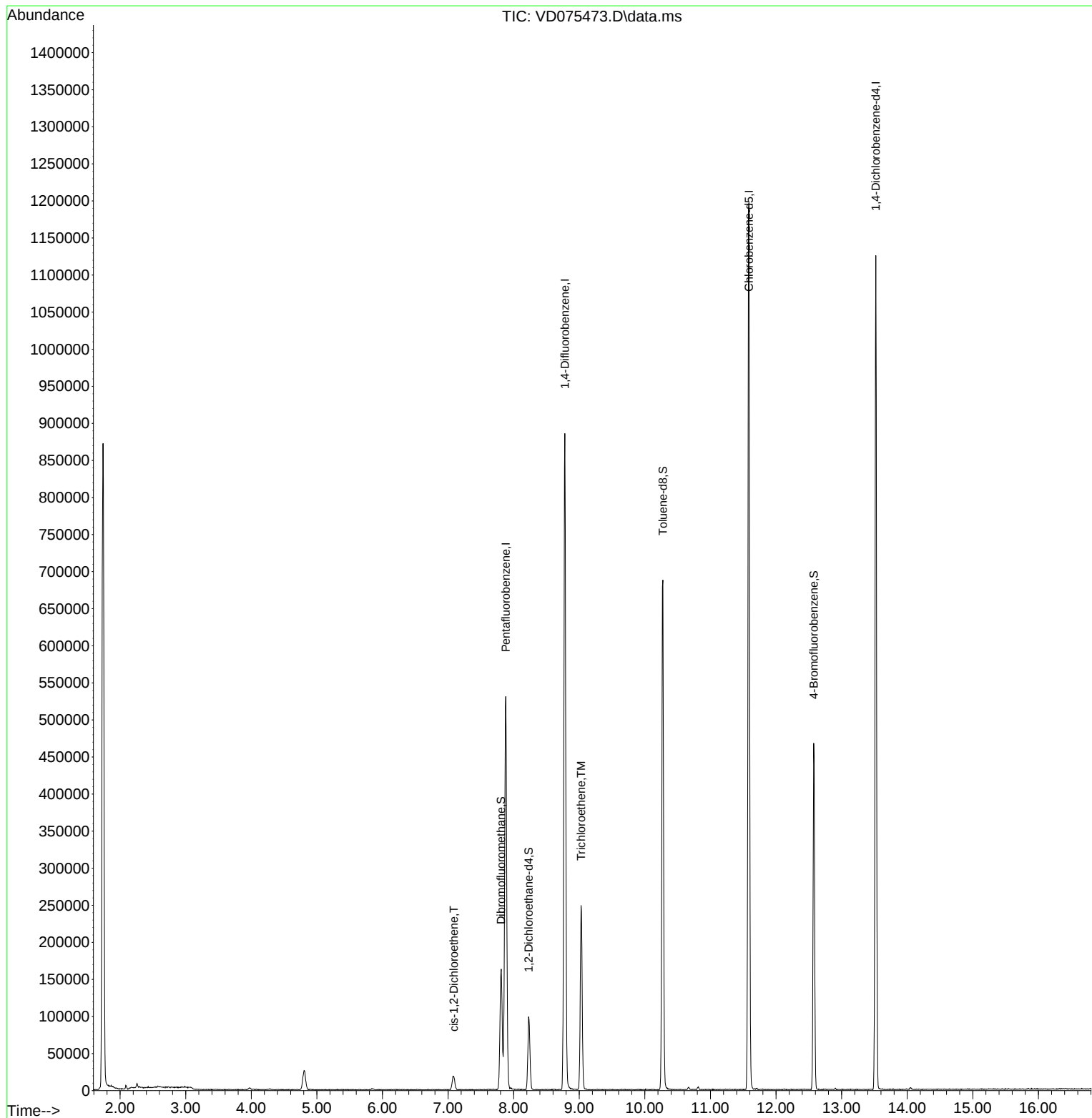
Internal Standards						
1) Pentafluorobenzene	7.881	168	423092	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	834623	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	761855	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	308922	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	75998	24.717	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	49.440%#		
35) Dibromofluoromethane	7.810	113	124345	25.711	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	51.420%#		
50) Toluene-d8	10.275	98	509160	29.075	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	58.160%		
62) 4-Bromofluorobenzene	12.575	95	148399	28.023	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	56.040%		
Target Compounds						Qvalue
27) cis-1,2-Dichloroethene	7.087	96	13637	2.251	ug/l	73
44) Trichloroethene	9.028	130	98697	14.091	ug/l	93

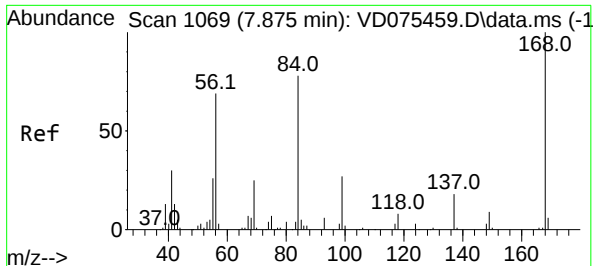
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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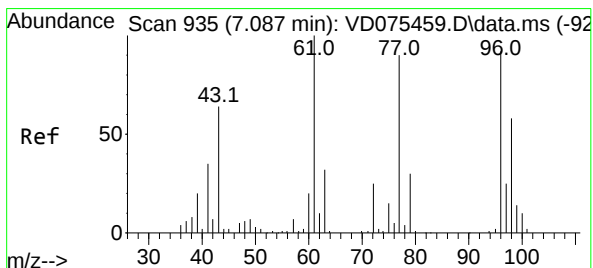
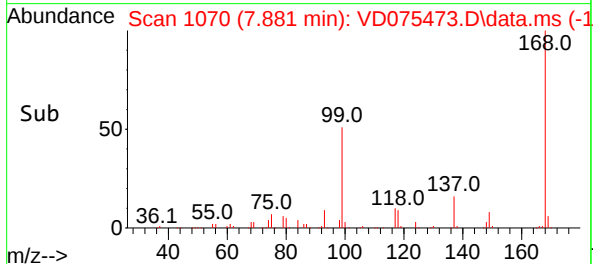
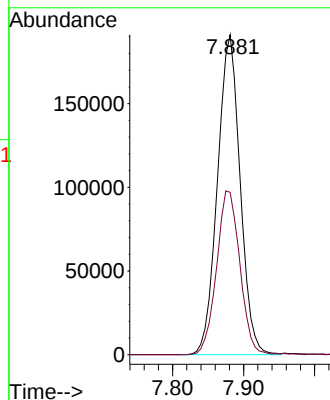
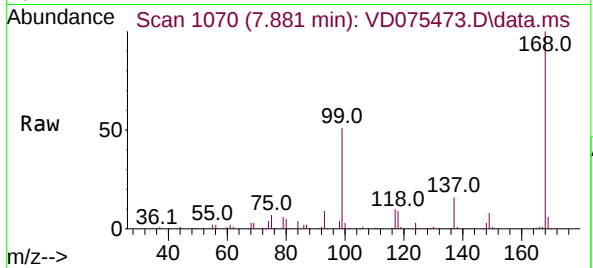




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD075473.D
Acq: 08 Mar 2023 17:01

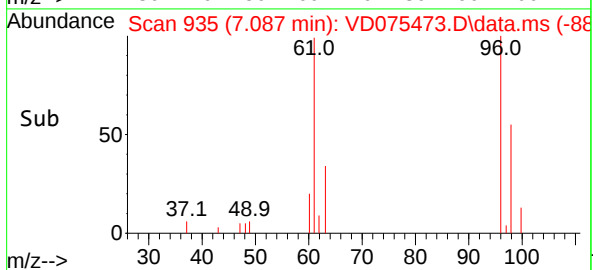
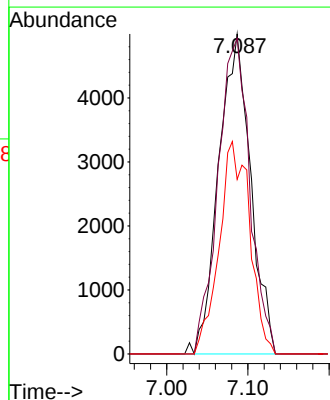
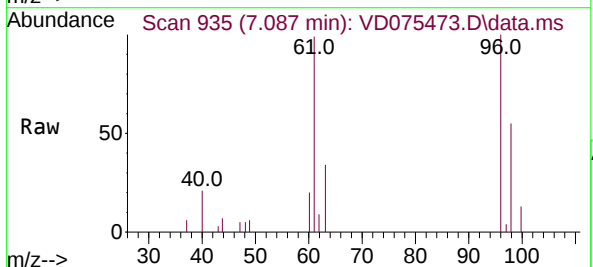
Instrument :
MSVOA_D
ClientSampleId :
CB-22-3.5-030723

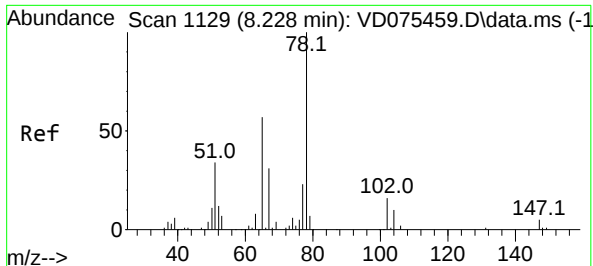
Tgt Ion:168 Resp: 423092
Ion Ratio Lower Upper
168 100
99 50.7 43.8 65.6



#27
cis-1,2-Dichloroethene
Concen: 2.251 ug/l
RT: 7.087 min Scan# 935
Delta R.T. -0.000 min
Lab File: VD075473.D
Acq: 08 Mar 2023 17:01

Tgt Ion: 96 Resp: 13637
Ion Ratio Lower Upper
96 100
61 98.7 0.0 295.2
98 63.8 0.0 129.2





#33

1,2-Dichloroethane-d4

Concen: 24.717 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD075473.D

Acq: 08 Mar 2023 17:01

Instrument :

MSVOA_D

ClientSampleId :

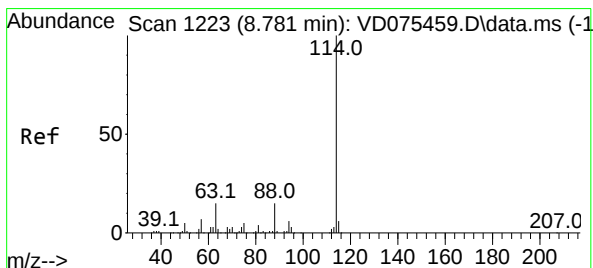
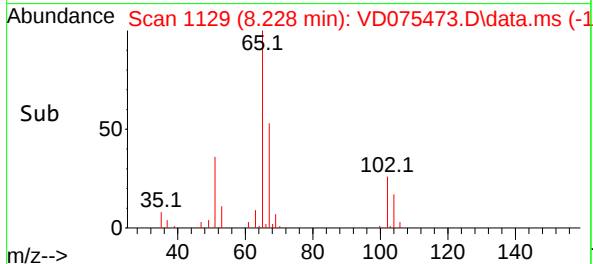
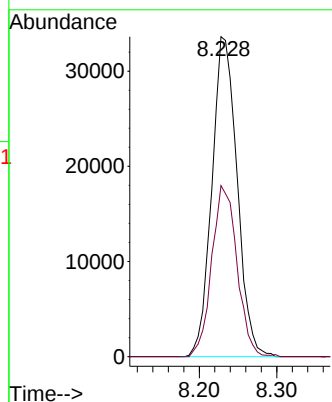
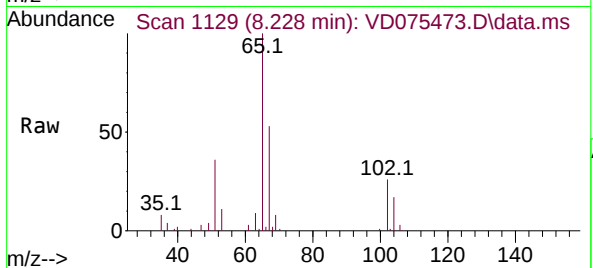
CB-22-3.5-030723

Tgt Ion: 65 Resp: 75998

Ion Ratio Lower Upper

65 100

67 53.6 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD075473.D

Acq: 08 Mar 2023 17:01

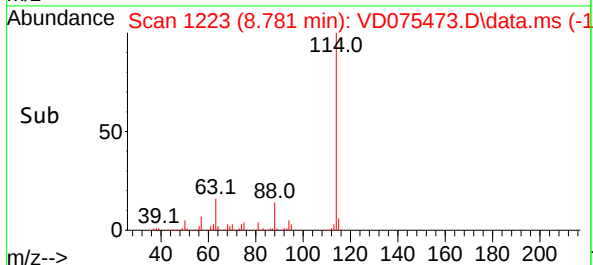
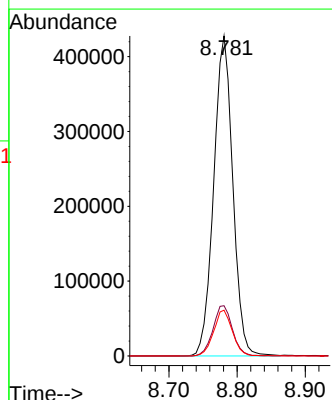
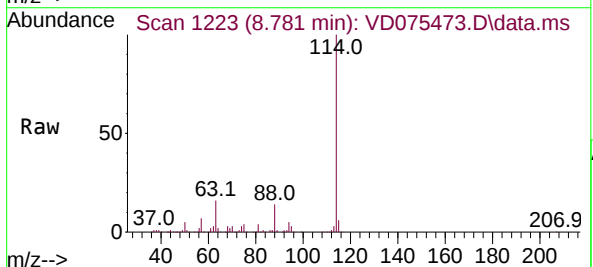
Tgt Ion: 114 Resp: 834623

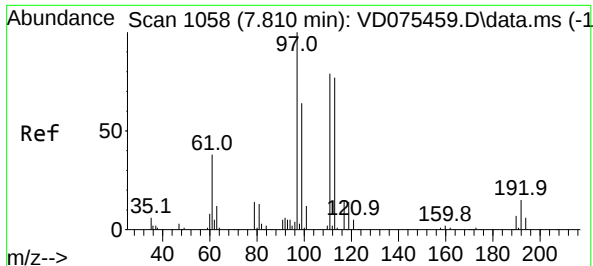
Ion Ratio Lower Upper

114 100

63 15.7 0.0 41.6

88 14.3 0.0 30.6





#35

Dibromofluoromethane

Concen: 25.711 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.000 min

Lab File: VD075473.D

Acq: 08 Mar 2023 17:01

Instrument :

MSVOA_D

ClientSampleId :

CB-22-3.5-030723

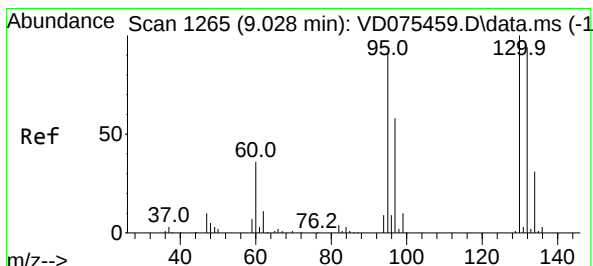
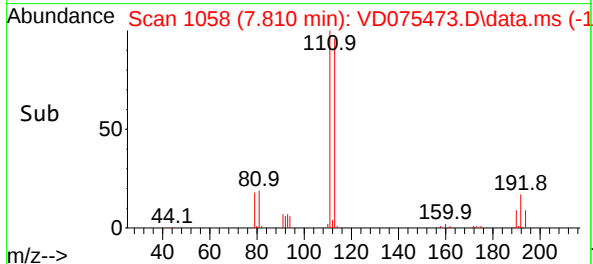
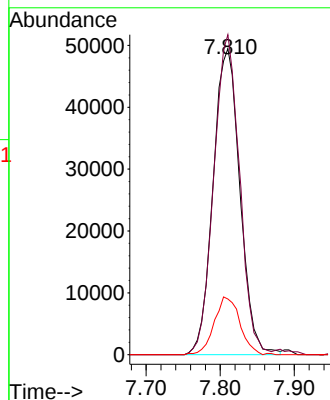
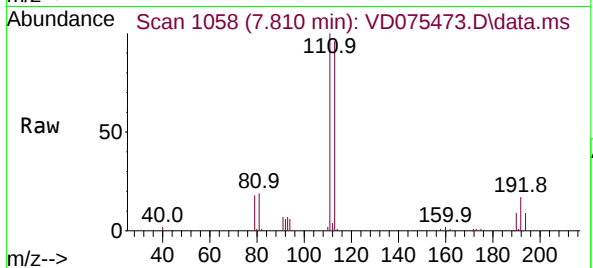
Tgt Ion:113 Resp: 124345

Ion Ratio Lower Upper

113 100

111 100.4 81.4 122.0

192 18.1 15.2 22.8



#44

Trichloroethene

Concen: 14.091 ug/l

RT: 9.028 min Scan# 1265

Delta R.T. -0.000 min

Lab File: VD075473.D

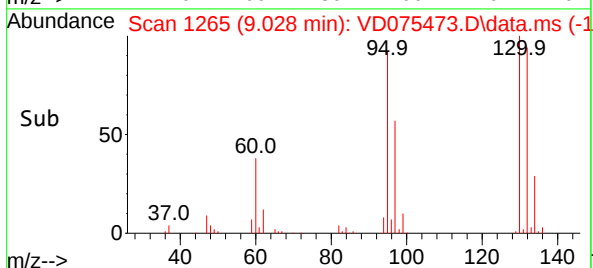
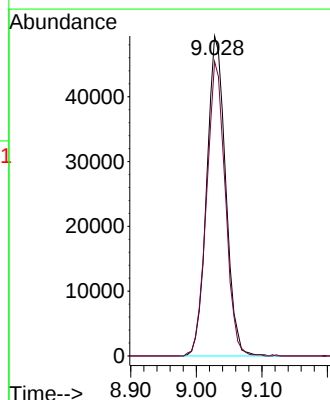
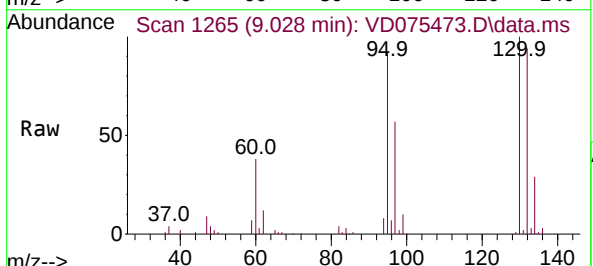
Acq: 08 Mar 2023 17:01

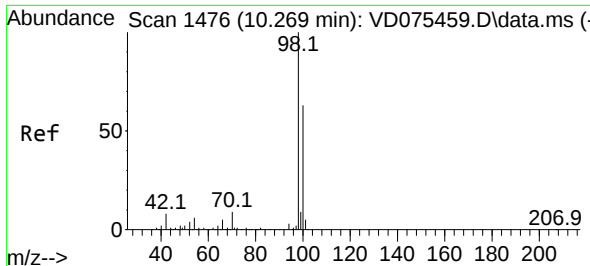
Tgt Ion:130 Resp: 98697

Ion Ratio Lower Upper

130 100

95 92.0 0.0 197.6

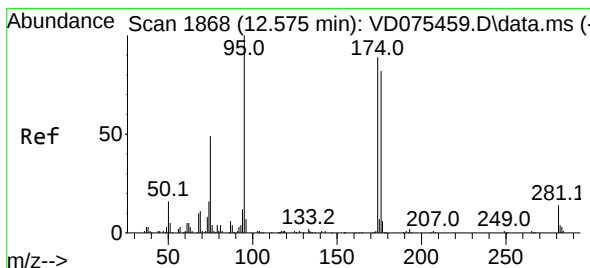
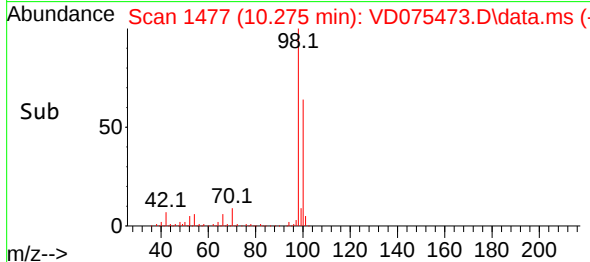
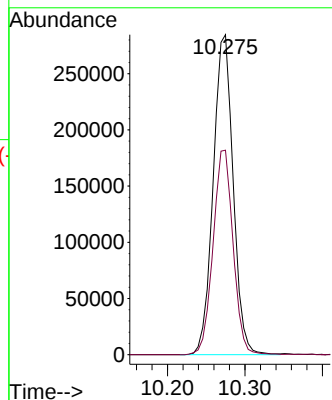
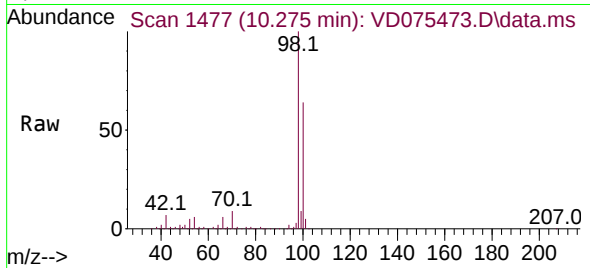




#50
Toluene-d8
Concen: 29.075 ug/l
RT: 10.275 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD075473.D
Acq: 08 Mar 2023 17:01

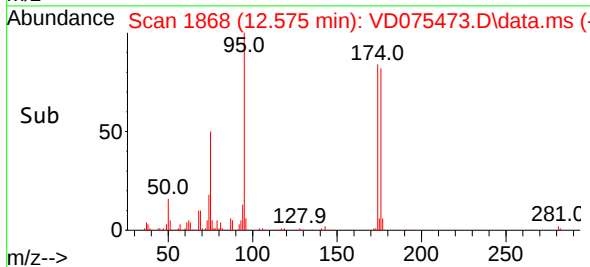
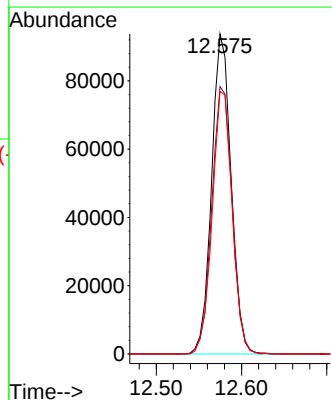
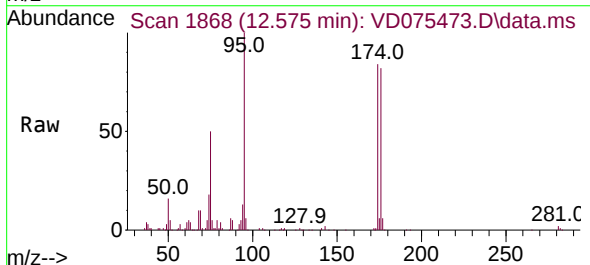
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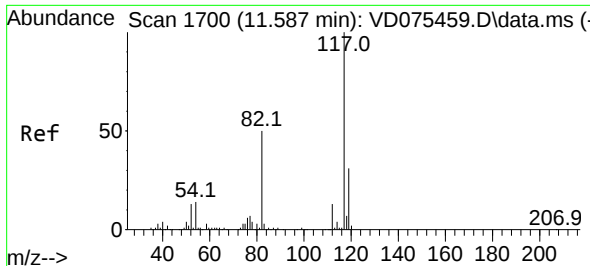
Tgt Ion: 98 Resp: 509160
Ion Ratio Lower Upper
98 100
100 64.1 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 28.023 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD075473.D
Acq: 08 Mar 2023 17:01

Tgt Ion: 95 Resp: 148399
Ion Ratio Lower Upper
95 100
174 88.0 0.0 164.0
176 84.4 0.0 156.8

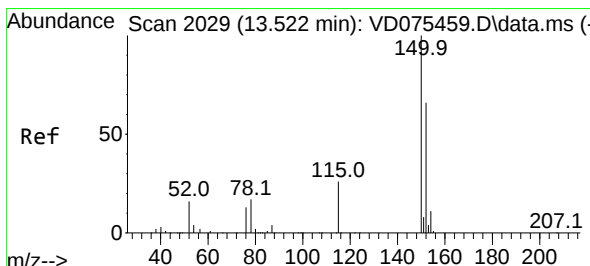
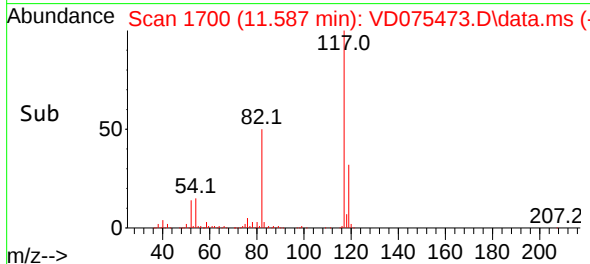
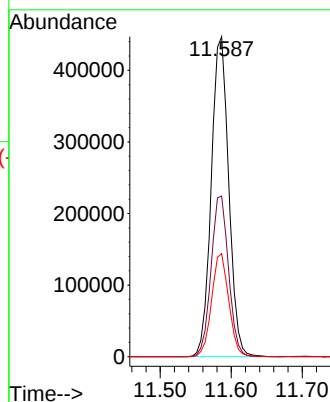
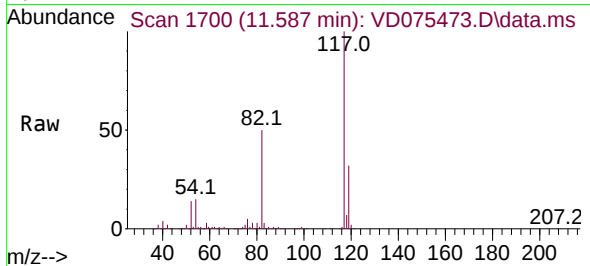




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD075473.D
Acq: 08 Mar 2023 17:01

Instrument :
MSVOA_D
ClientSampleId :
CB-22-3.5-030723

Tgt Ion:117 Resp: 761855
Ion Ratio Lower Upper
117 100
82 50.2 44.0 66.0
119 32.2 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075473.D
Acq: 08 Mar 2023 17:01

Tgt Ion:152 Resp: 308922
Ion Ratio Lower Upper
152 100
115 56.4 30.1 90.3
150 158.8 0.0 364.8

