

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102423\
 Data File : VD077403.D
 Acq On : 24 Oct 2023 19:04
 Operator : JC/SY
 Sample : 05015-01
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11991

Quant Time: Oct 25 04:09:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 18 03:02:43 2023
 Response via : Initial Calibration

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

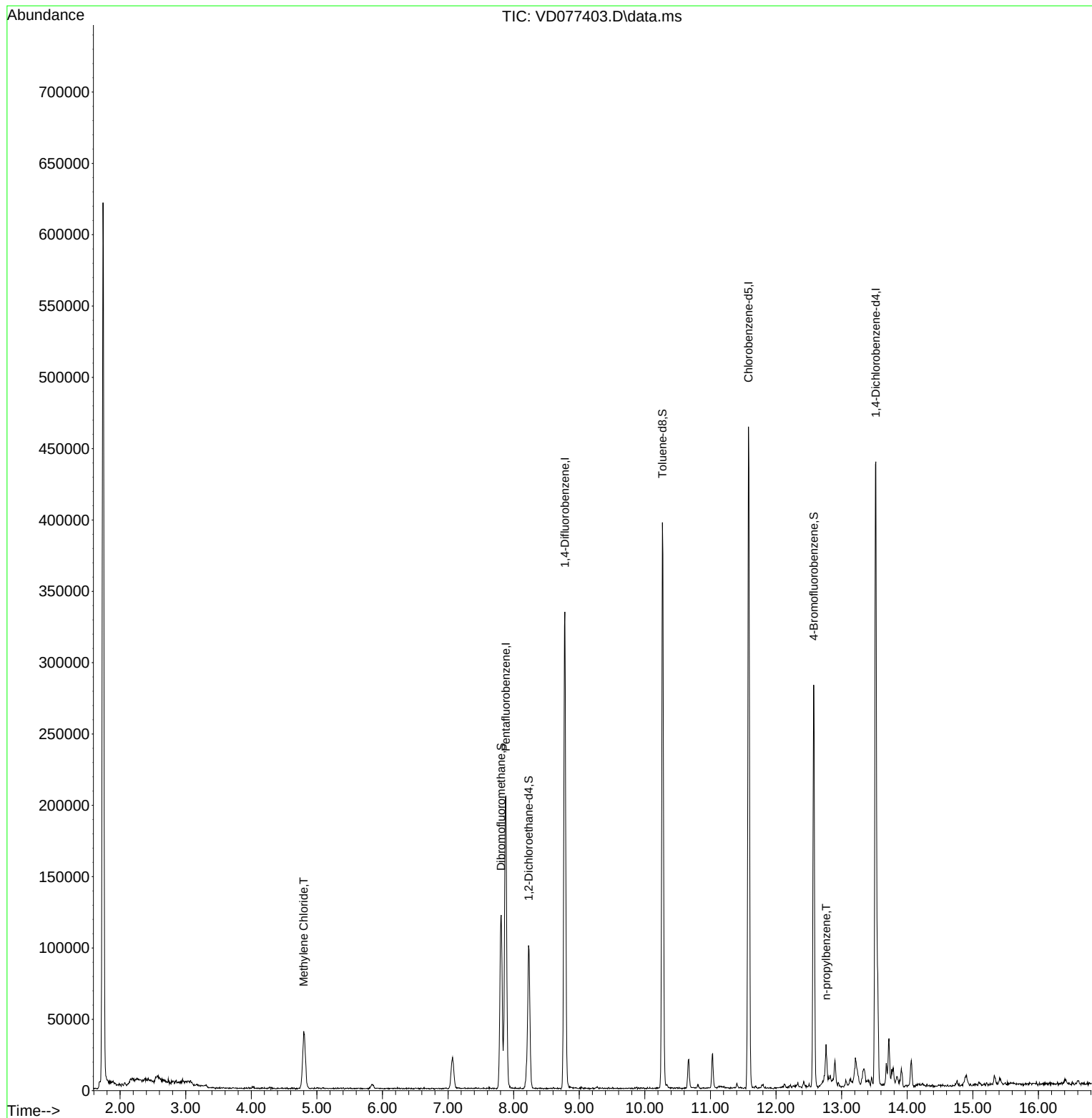
Internal Standards						
1) Pentafluorobenzene	7.881	168	170254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	324986	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	297617	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	127911	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	74868	49.247	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.500%
35) Dibromofluoromethane	7.810	113	93046	40.753	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	81.500%
50) Toluene-d8	10.269	98	291596	35.662	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	71.320%
62) 4-Bromofluorobenzene	12.575	95	83083	35.298	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	70.600%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.799	84	34287	13.511	ug/l	94
78) n-propylbenzene	12.763	91	18355	1.801	ug/l	98

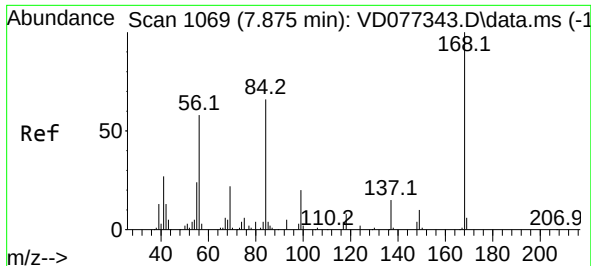
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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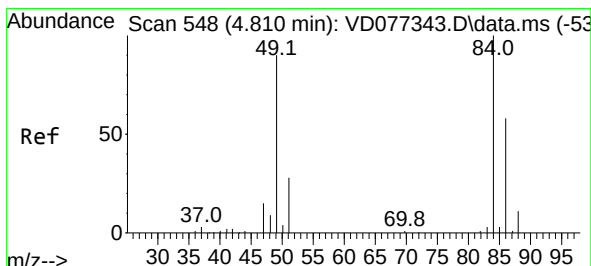
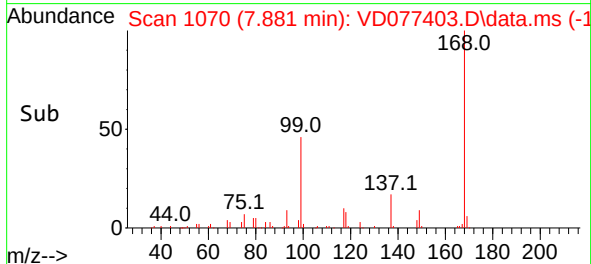
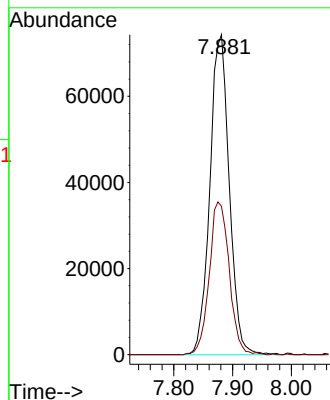
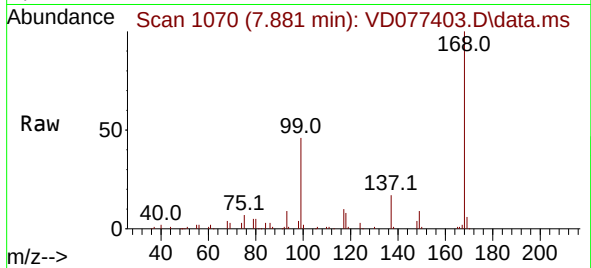




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD077403.D
Acq: 24 Oct 2023 19:04

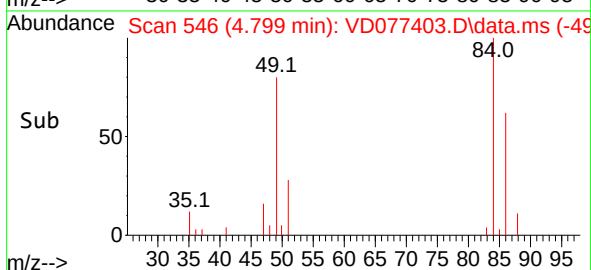
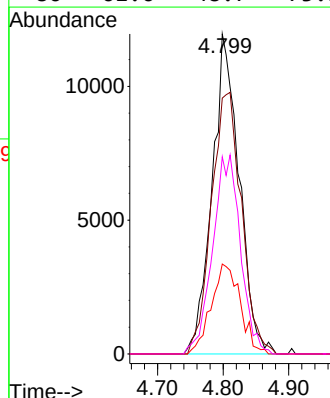
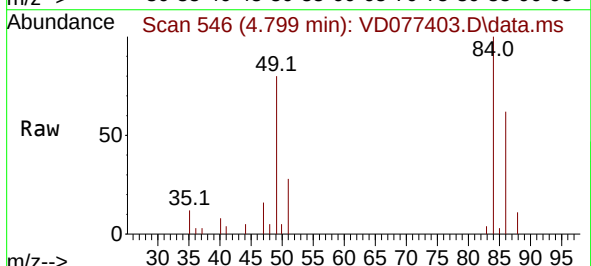
Instrument :
MSVOA_D
ClientSampleId :
72-11991

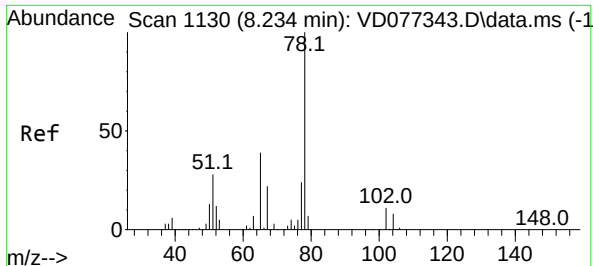
Tgt Ion:168 Resp: 170254
Ion Ratio Lower Upper
168 100
99 46.4 36.7 55.1



#20
Methylene Chloride
Concen: 13.511 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.011 min
Lab File: VD077403.D
Acq: 24 Oct 2023 19:04

Tgt Ion: 84 Resp: 34287
Ion Ratio Lower Upper
84 100
49 80.0 71.4 107.2
51 28.1 24.5 36.7
86 61.6 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 49.247 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077403.D

Acq: 24 Oct 2023 19:04

Instrument :

MSVOA_D

ClientSampleId :

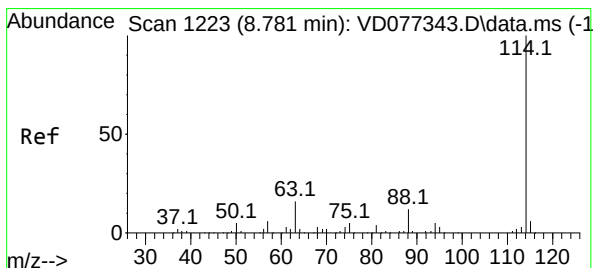
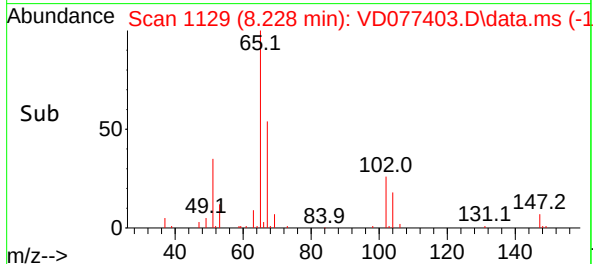
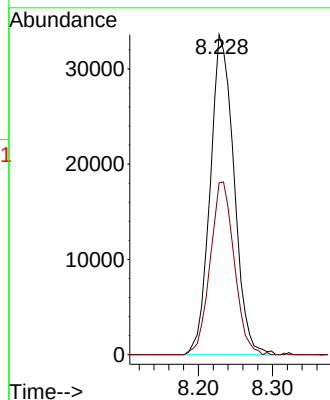
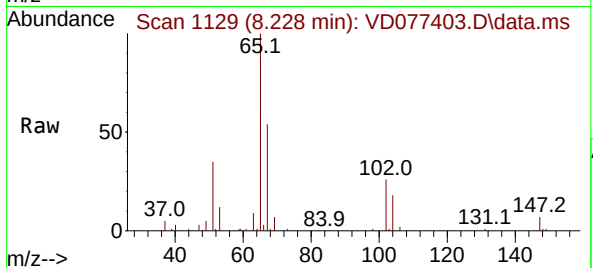
72-11991

Tgt Ion: 65 Resp: 74868

Ion Ratio Lower Upper

65 100

67 54.6 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD077403.D

Acq: 24 Oct 2023 19:04

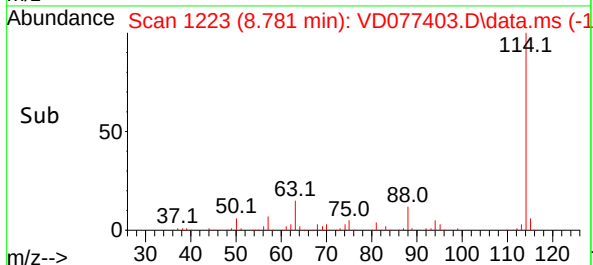
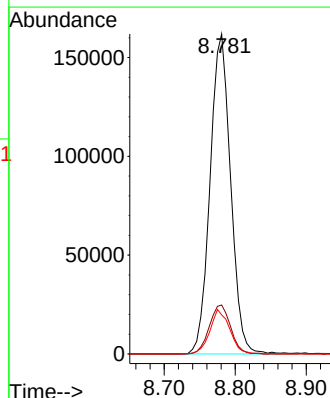
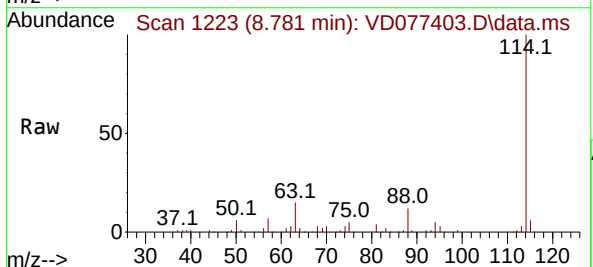
Tgt Ion: 114 Resp: 324986

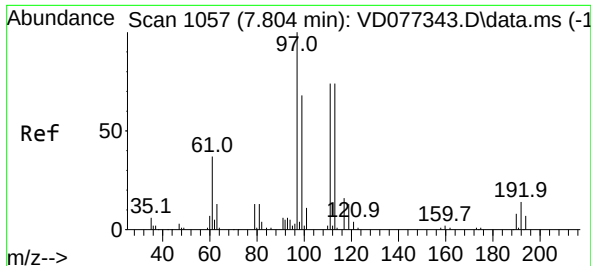
Ion Ratio Lower Upper

114 100

63 15.3 0.0 33.4

88 12.2 0.0 26.2



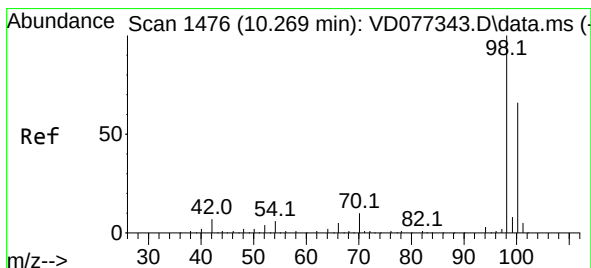
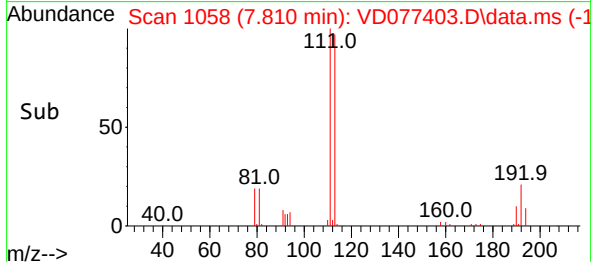
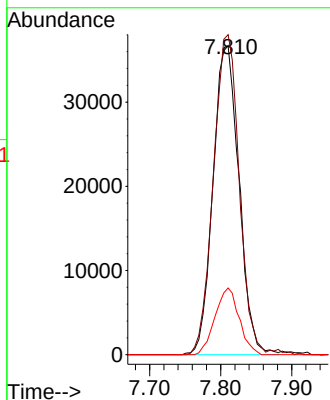
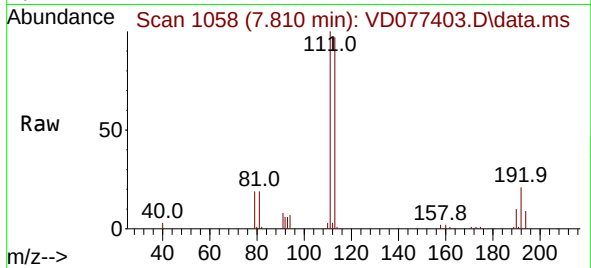


#35
 Dibromofluoromethane
 Concen: 40.753 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. 0.006 min
 Lab File: VD077403.D
 Acq: 24 Oct 2023 19:04

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11991

Tgt Ion: 113 Resp: 93046

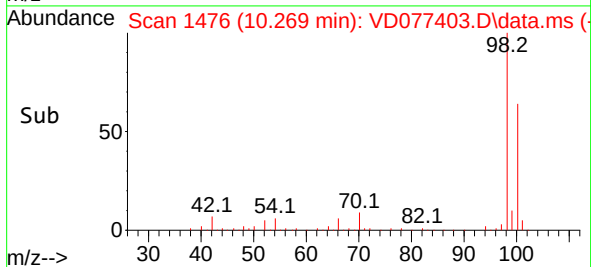
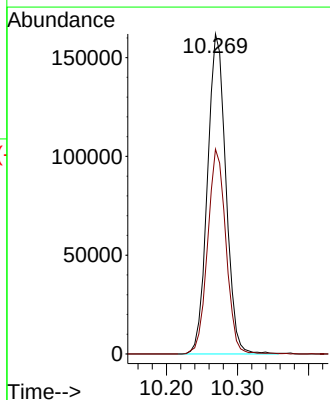
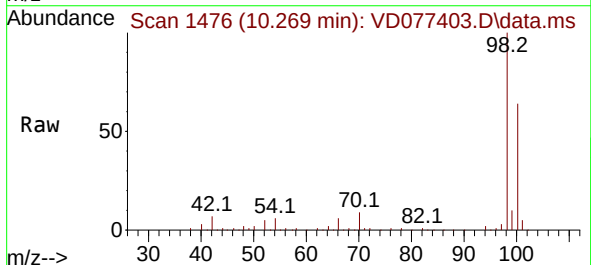
Ion	Ratio	Lower	Upper
113	100		
111	103.1	84.7	127.1
192	20.1	16.8	25.2

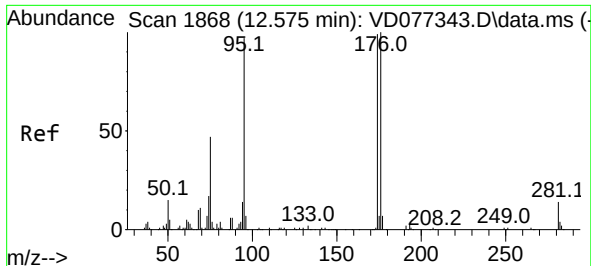


#50
 Toluene-d8
 Concen: 35.662 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD077403.D
 Acq: 24 Oct 2023 19:04

Tgt Ion: 98 Resp: 291596

Ion	Ratio	Lower	Upper
98	100		
100	63.6	50.3	75.5

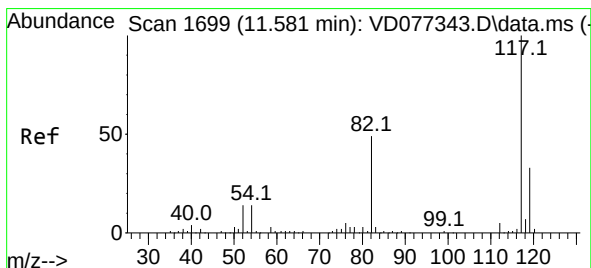
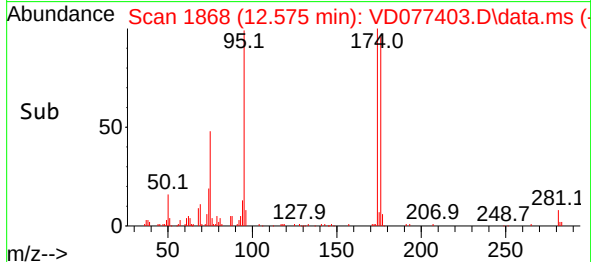
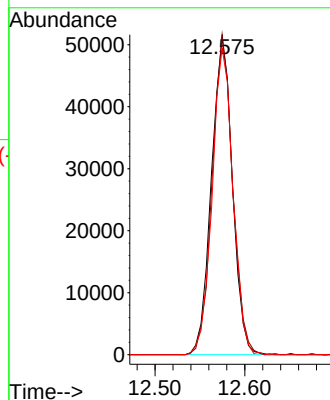
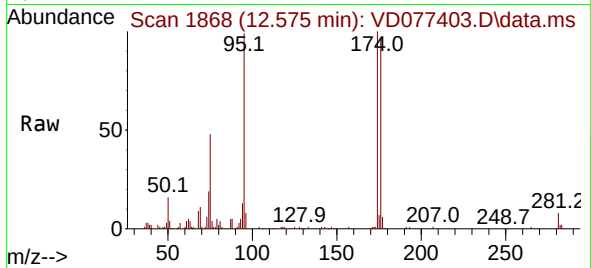




#62
4-Bromofluorobenzene
Concen: 35.298 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077403.D
Acq: 24 Oct 2023 19:04

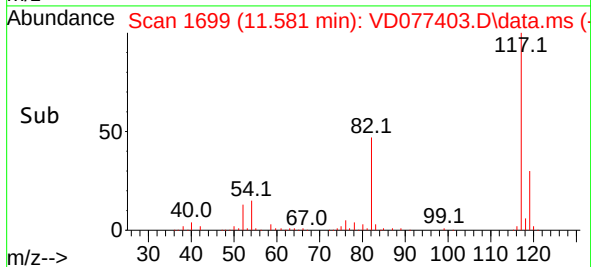
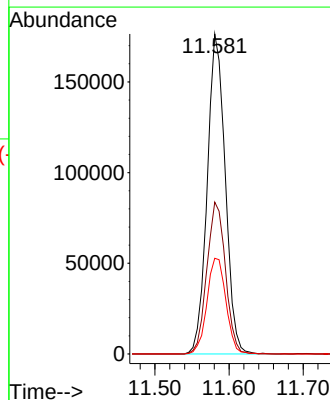
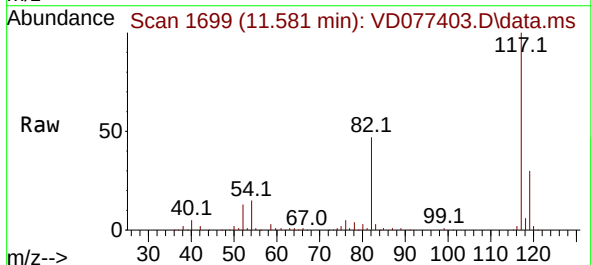
Instrument :
MSVOA_D
ClientSampleId :
72-11991

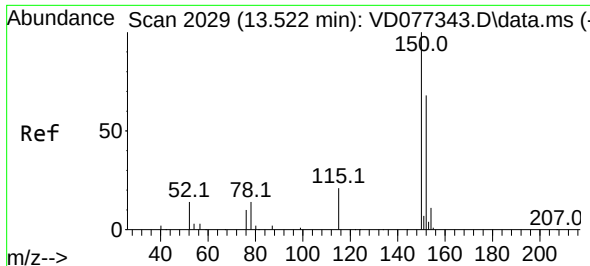
Tgt Ion: 95 Resp: 83083
Ion Ratio Lower Upper
95 100
174 98.4 0.0 201.8
176 95.6 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077403.D
Acq: 24 Oct 2023 19:04

Tgt Ion: 117 Resp: 297617
Ion Ratio Lower Upper
117 100
82 47.5 38.3 57.5
119 29.9 25.0 37.4

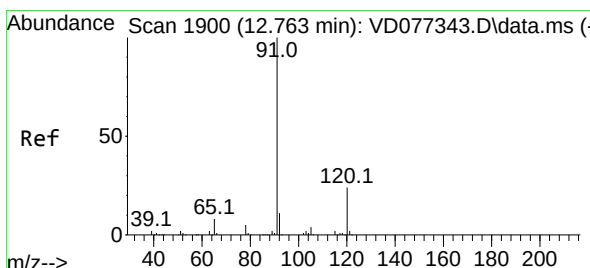
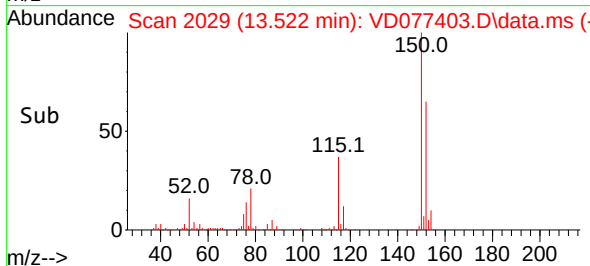
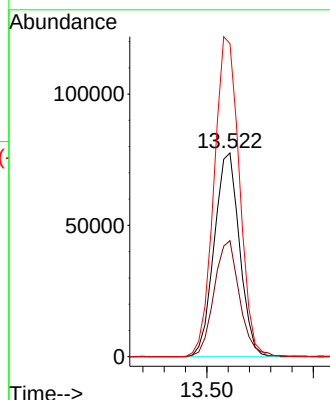
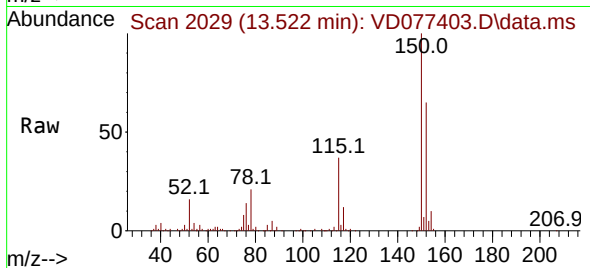




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD077403.D
Acq: 24 Oct 2023 19:04

Instrument :
MSVOA_D
ClientSampleId :
72-11991

Tgt Ion:152 Resp: 127911
Ion Ratio Lower Upper
152 100
115 57.8 27.1 81.3
150 157.5 0.0 353.6



#78
n-propylbenzene
Concen: 1.801 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD077403.D
Acq: 24 Oct 2023 19:04

Tgt Ion: 91 Resp: 18355
Ion Ratio Lower Upper
91 100
120 26.0 12.4 37.2

