

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102523\
 Data File : VD077415.D
 Acq On : 25 Oct 2023 15:40
 Operator : JC/SY
 Sample : 05010-01
 Misc : 5.64G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 343

Quant Time: Oct 26 07:00:41 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)

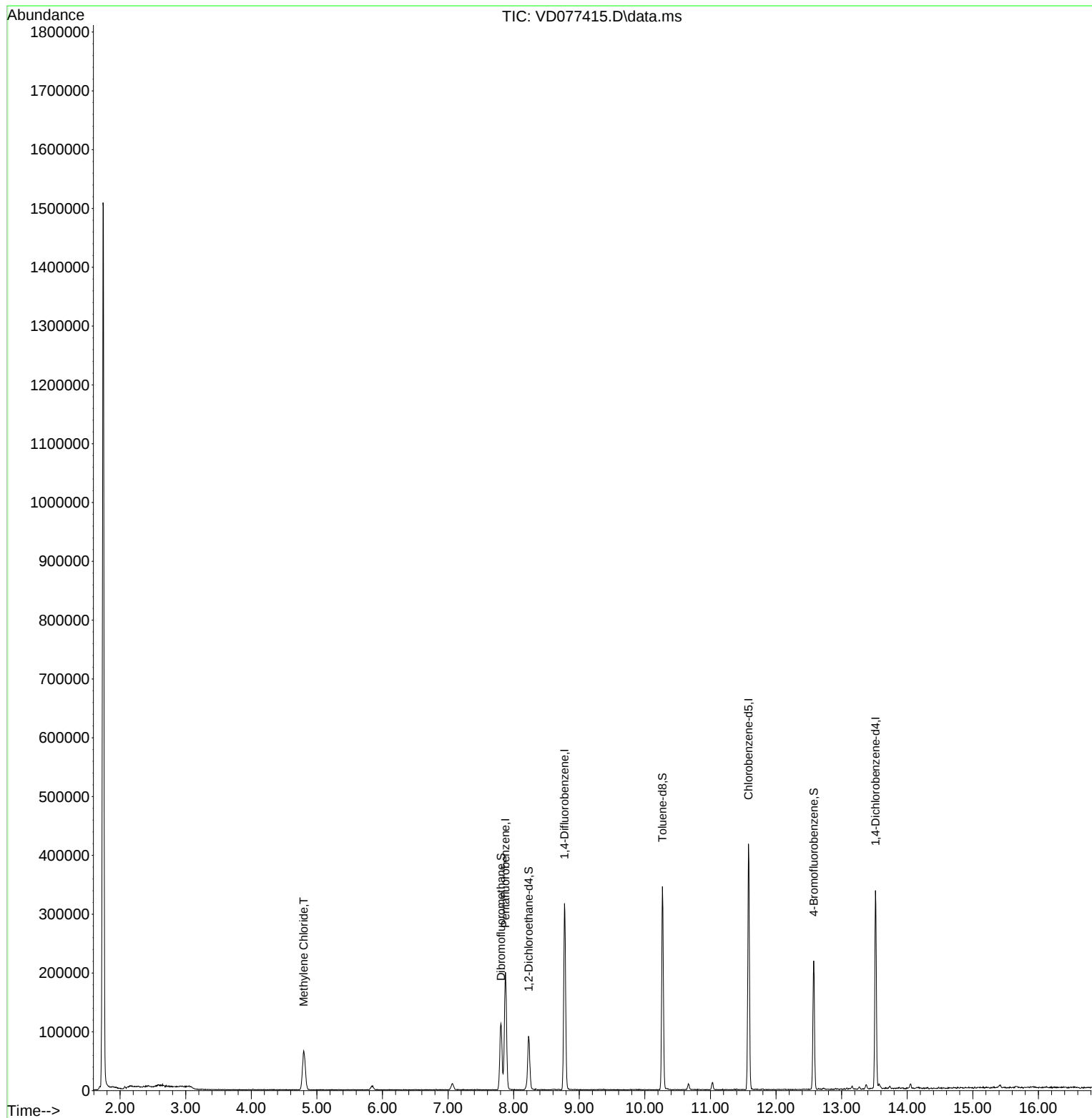
Internal Standards						
1) Pentafluorobenzene	7.875	168	166463	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	305994	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	264114	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	100427	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	67961	45.721	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.440%
35) Dibromofluoromethane	7.810	113	85364	39.709	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.420%
50) Toluene-d8	10.269	98	250188	32.497	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	65.000%
62) 4-Bromofluorobenzene	12.575	95	66962	30.215	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	60.420%
Target Compounds						
20) Methylene Chloride	4.799	84	57755	27.090	ug/l	Qvalue 98

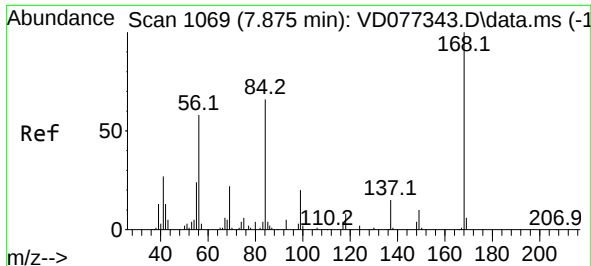
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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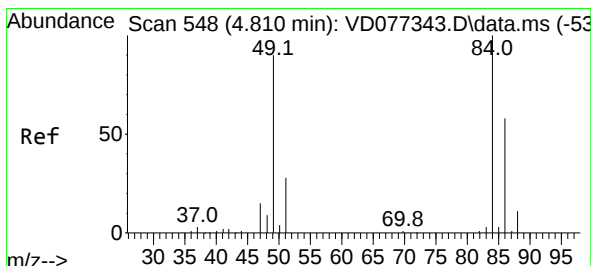
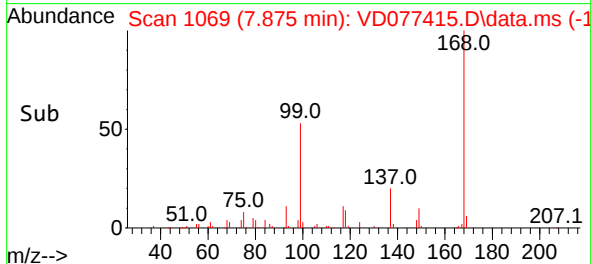
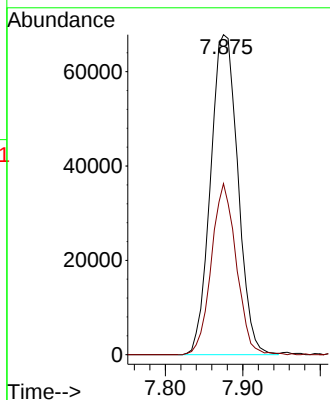
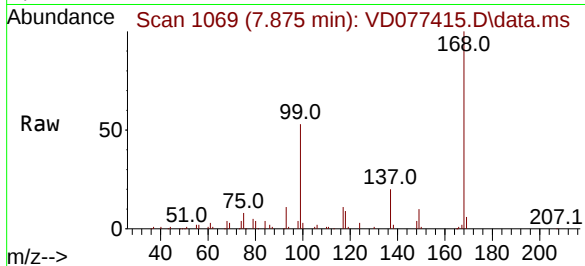




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077415.D
Acq: 25 Oct 2023 15:40

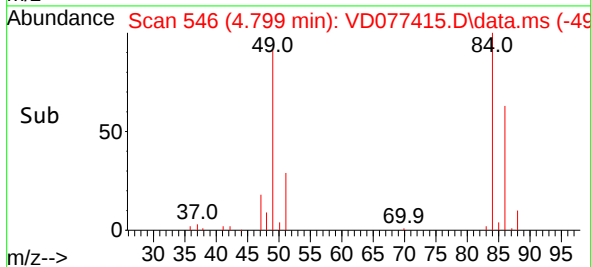
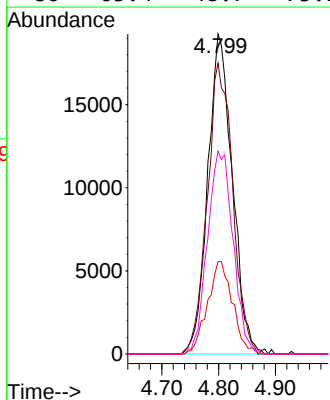
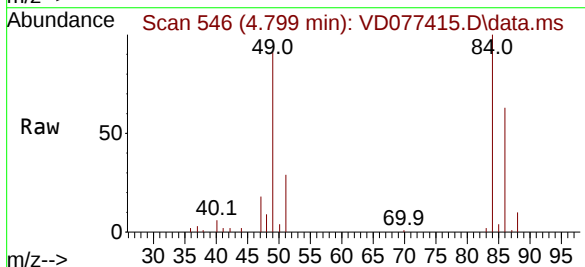
Instrument :
MSVOA_D
ClientSampleId :
343

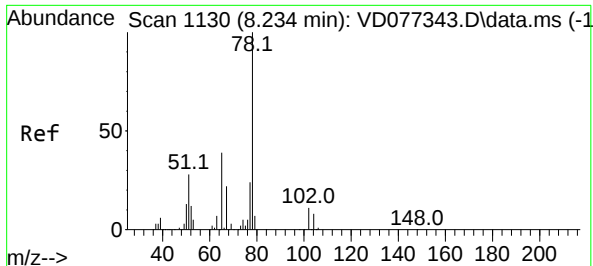
Tgt Ion:168 Resp: 166463
Ion Ratio Lower Upper
168 100
99 53.5 36.7 55.1



#20
Methylene Chloride
Concen: 27.090 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.011 min
Lab File: VD077415.D
Acq: 25 Oct 2023 15:40

Tgt Ion: 84 Resp: 57755
Ion Ratio Lower Upper
84 100
49 90.9 71.4 107.2
51 28.9 24.5 36.7
86 63.4 48.7 73.1





#33

1,2-Dichloroethane-d4

Concen: 45.721 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD077415.D

Acq: 25 Oct 2023 15:40

Instrument :

MSVOA_D

ClientSampleId :

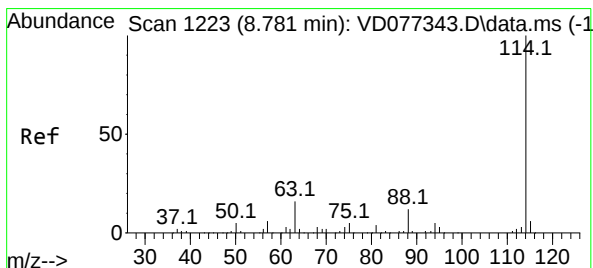
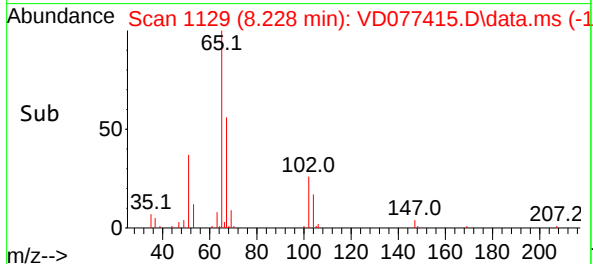
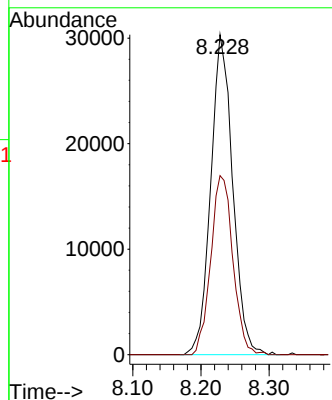
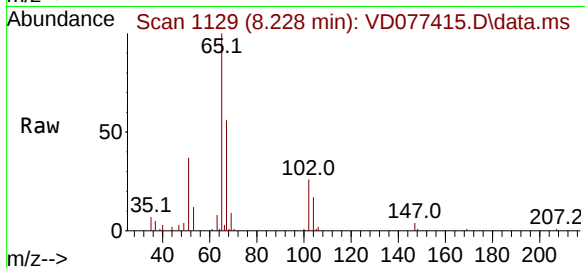
343

Tgt Ion: 65 Resp: 67961

Ion Ratio Lower Upper

65 100

67 56.5 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD077415.D

Acq: 25 Oct 2023 15:40

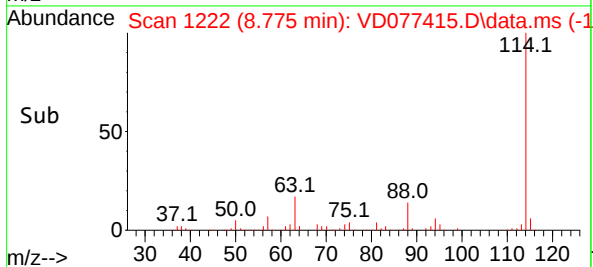
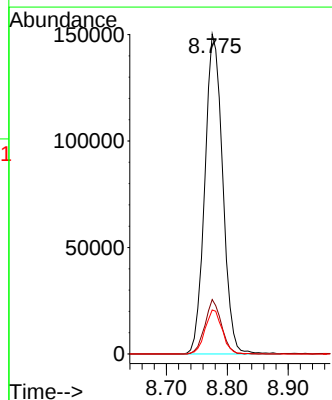
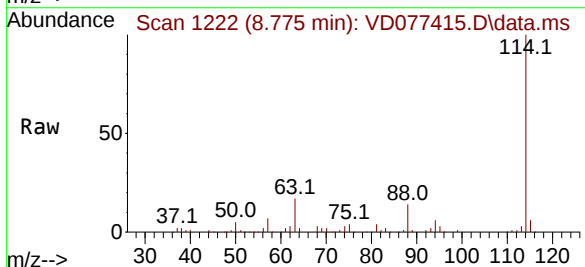
Tgt Ion: 114 Resp: 305994

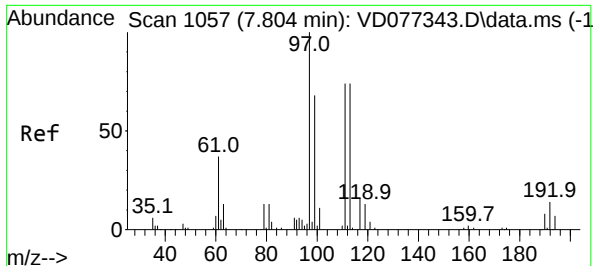
Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.4

88 13.8 0.0 26.2



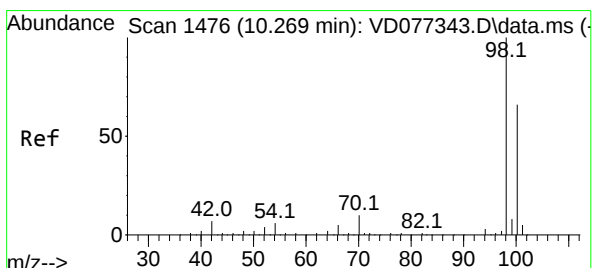
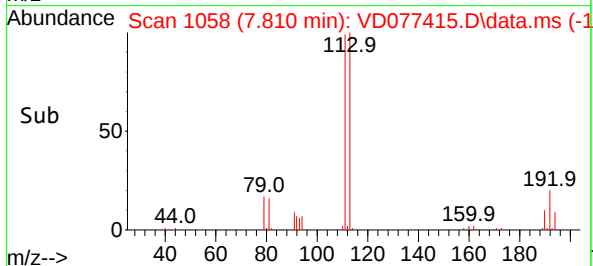
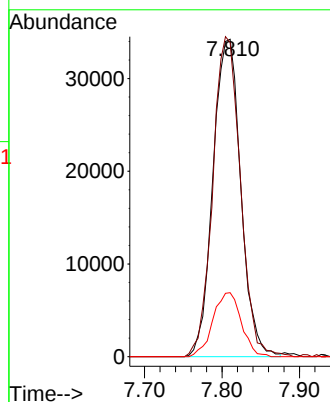
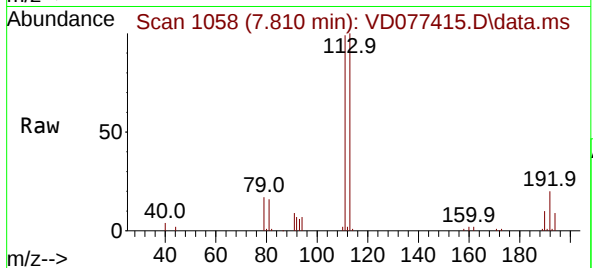


#35
 Dibromofluoromethane
 Concen: 39.709 ug/l
 RT: 7.810 min Scan# 1058
 Delta R.T. 0.006 min
 Lab File: VD077415.D
 Acq: 25 Oct 2023 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 343

Tgt Ion: 113 Resp: 85364

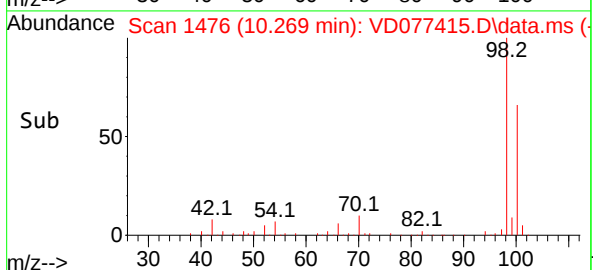
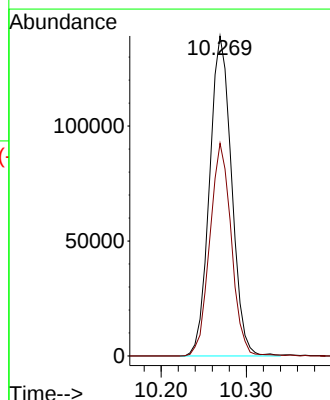
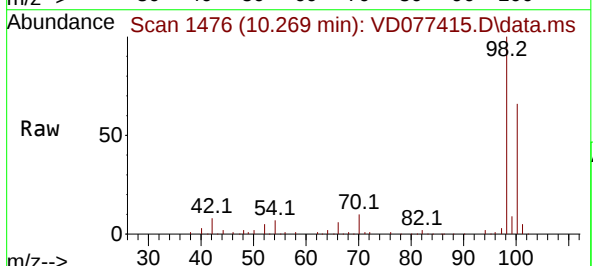
Ion	Ratio	Lower	Upper
113	100		
111	100.2	84.7	127.1
192	20.5	16.8	25.2

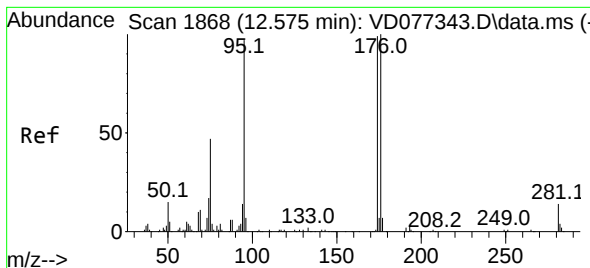


#50
 Toluene-d8
 Concen: 32.497 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD077415.D
 Acq: 25 Oct 2023 15:40

Tgt Ion: 98 Resp: 250188

Ion	Ratio	Lower	Upper
98	100		
100	64.9	50.3	75.5

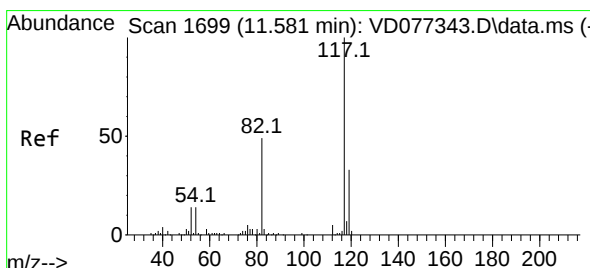
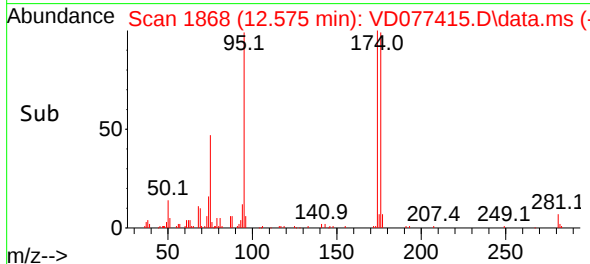
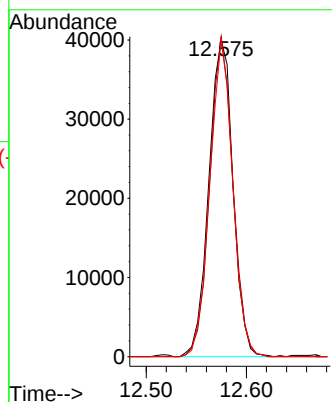
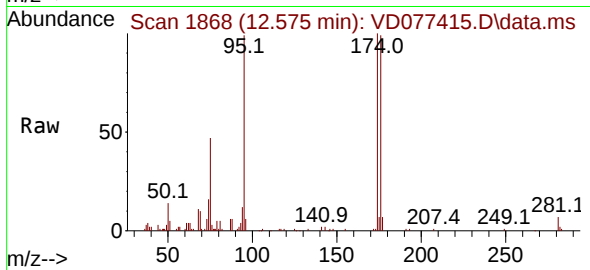




#62
4-Bromofluorobenzene
Concen: 30.215 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077415.D
Acq: 25 Oct 2023 15:40

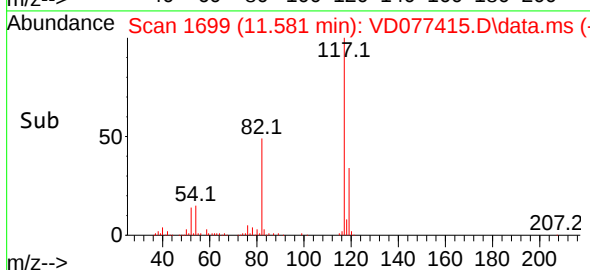
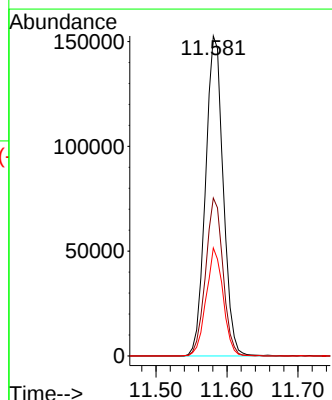
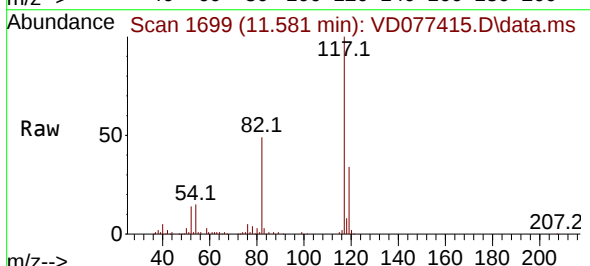
Instrument :
MSVOA_D
ClientSampleId :
343

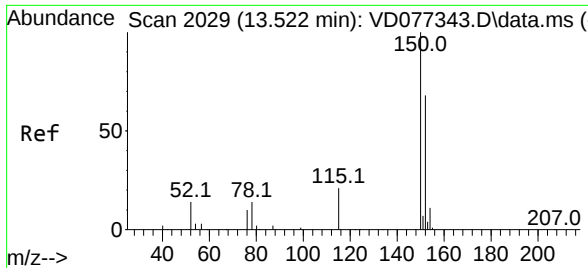
Tgt Ion:	95	Resp:	66962
Ion Ratio	Lower	Upper	
95	100		
174	96.3	0.0	201.8
176	94.6	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077415.D
Acq: 25 Oct 2023 15:40

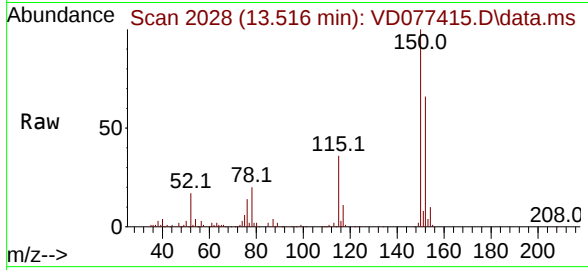
Tgt Ion:	117	Resp:	264114
Ion Ratio	Lower	Upper	
117	100		
82	49.4	38.3	57.5
119	33.7	25.0	37.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD077415.D
 Acq: 25 Oct 2023 15:40

Instrument :
 MSVOA_D
 ClientSampleId :
 343



Tgt Ion:	152	Resp:	100427
Ion	Ratio	Lower	Upper
152	100		
115	54.1	27.1	81.3
150	154.1	0.0	353.6

