

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102023\
 Data File : VD077364.D
 Acq On : 20 Oct 2023 14:29
 Operator : JC/SY
 Sample : 04960-01
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VAUX-SLUDGE

Quant Time: Oct 21 05:29:35 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)

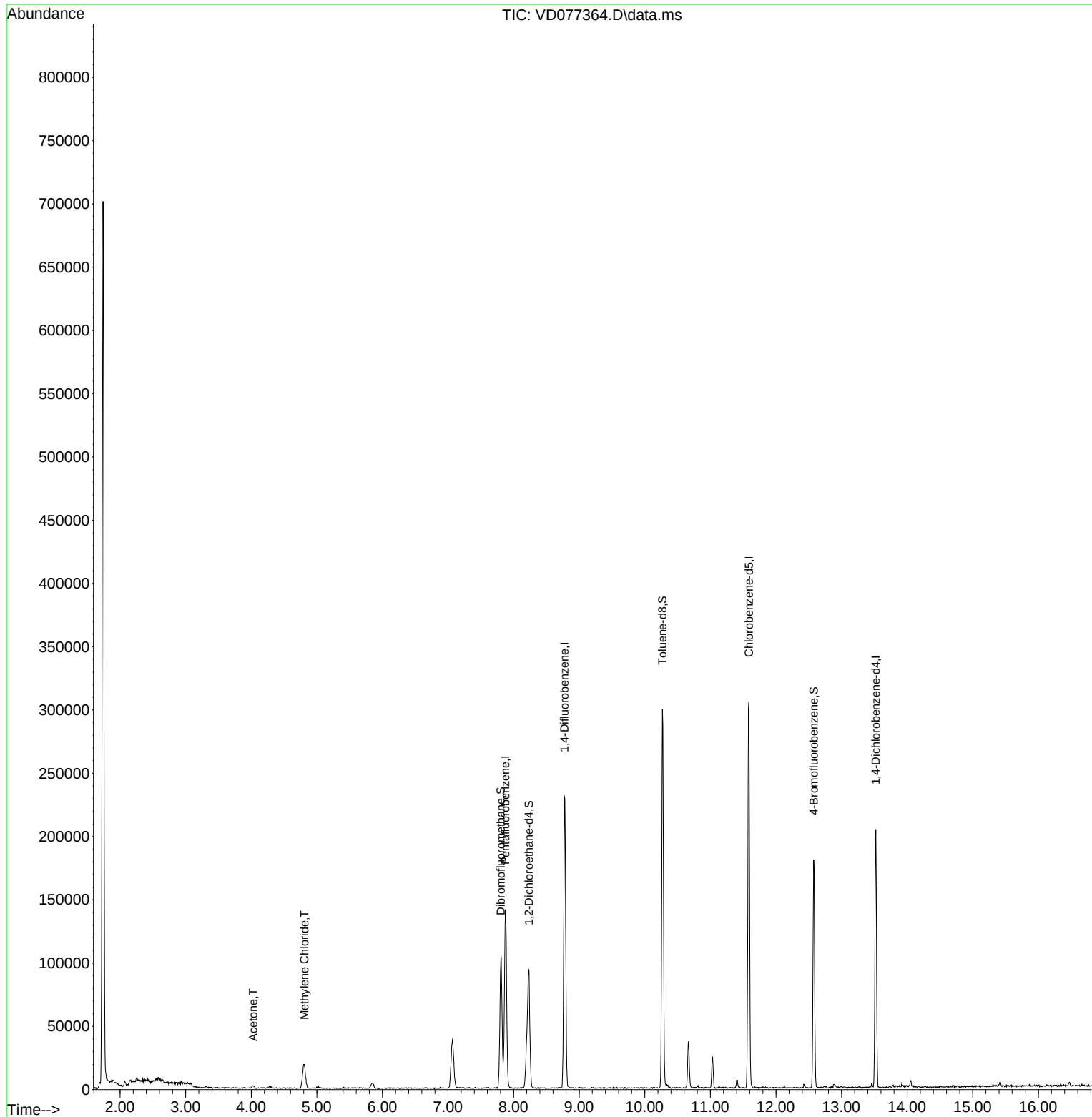
Internal Standards						
1) Pentafluorobenzene	7.875	168	111762	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	218687	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	191538	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	57254	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	66414	66.549	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	133.100%
35) Dibromofluoromethane	7.805	113	74403	48.428	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.860%
50) Toluene-d8	10.269	98	219970	39.978	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.960%
62) 4-Bromofluorobenzene	12.575	95	50579	31.934	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	63.860%
Target Compounds						
					Qvalue	
16) Acetone	4.028	43	3015	13.777	ug/l #	61
20) Methylene Chloride	4.811	84	15815	7.926	ug/l	91

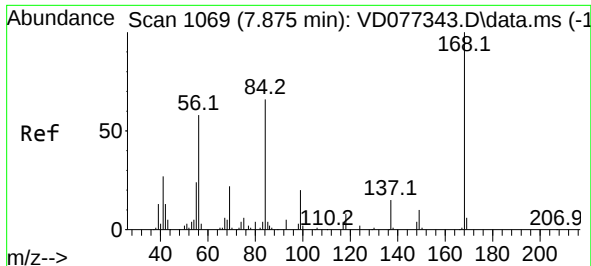
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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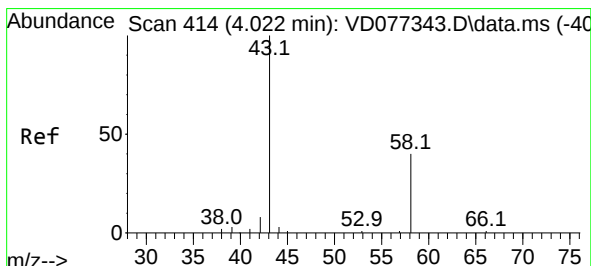
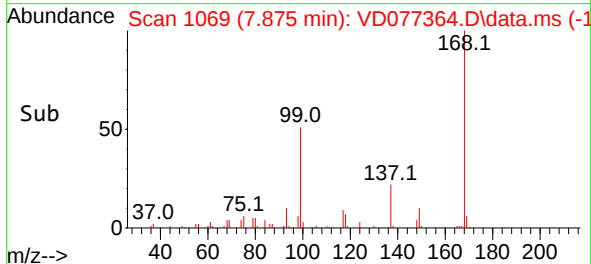
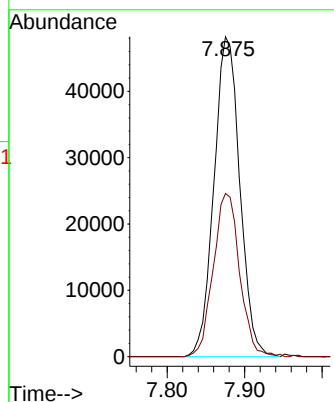
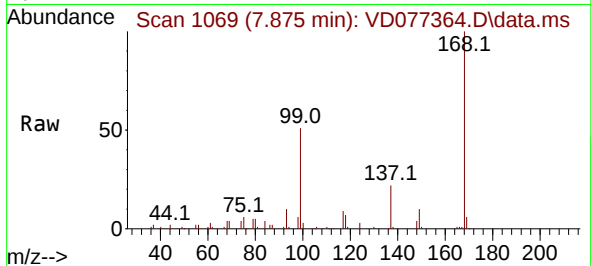




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077364.D
Acq: 20 Oct 2023 14:29

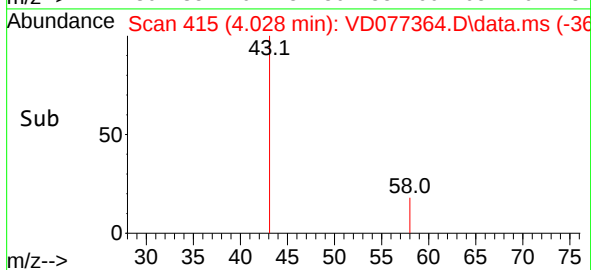
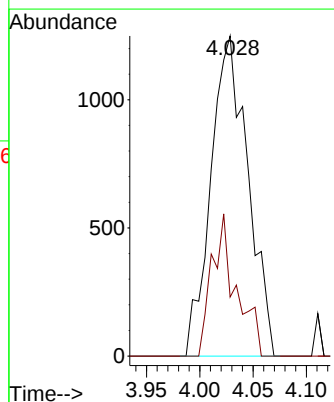
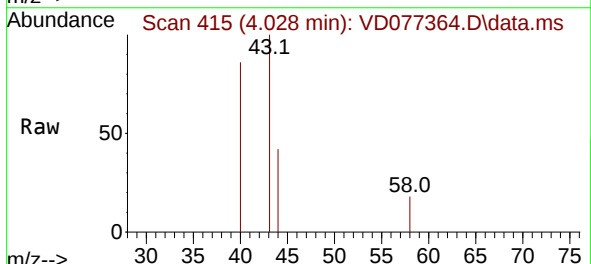
Instrument :
MSVOA_D
ClientSampleId :
VAUX-SLUDGE

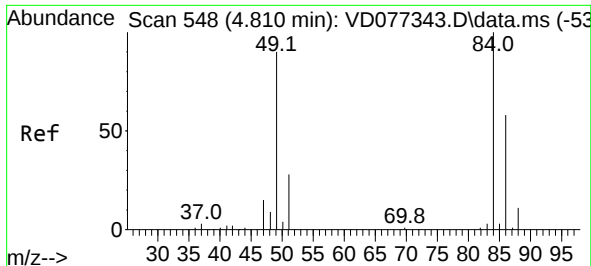
Tgt Ion:168 Resp: 111762
Ion Ratio Lower Upper
168 100
99 51.0 36.7 55.1



#16
Acetone
Concen: 13.777 ug/l
RT: 4.028 min Scan# 415
Delta R.T. 0.006 min
Lab File: VD077364.D
Acq: 20 Oct 2023 14:29

Tgt Ion: 43 Resp: 3015
Ion Ratio Lower Upper
43 100
58 18.4 34.7 52.1#

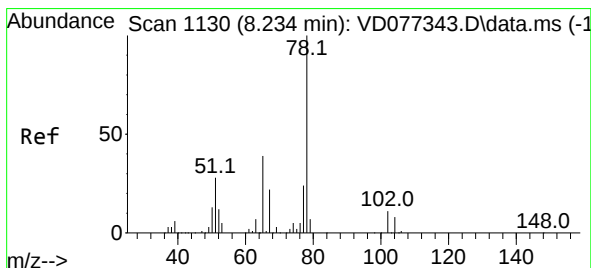
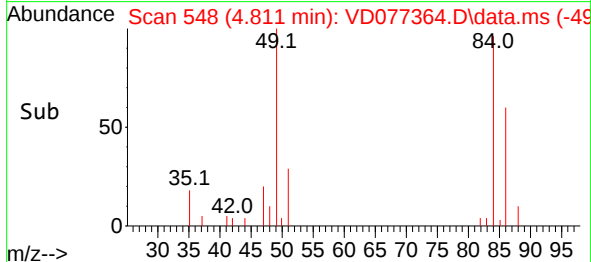
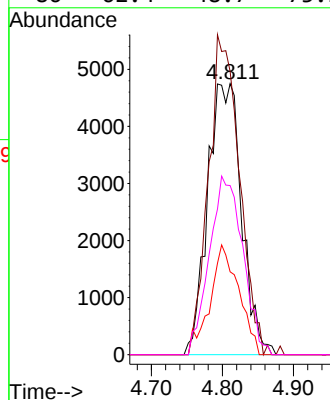
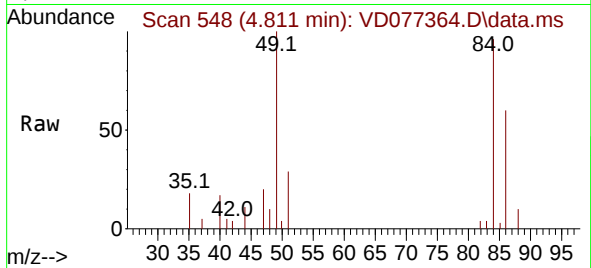




#20
Methylene Chloride
Concen: 7.926 ug/l
RT: 4.811 min Scan# 54
Delta R.T. 0.001 min
Lab File: VD077364.D
Acq: 20 Oct 2023 14:29

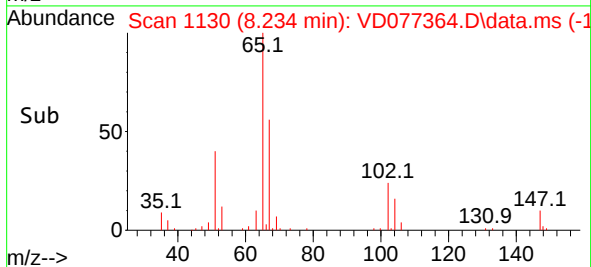
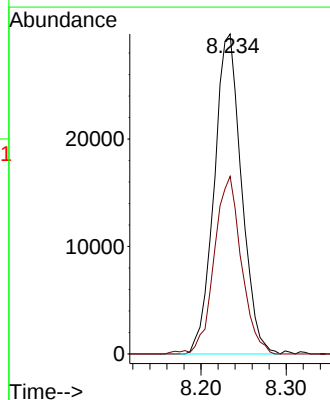
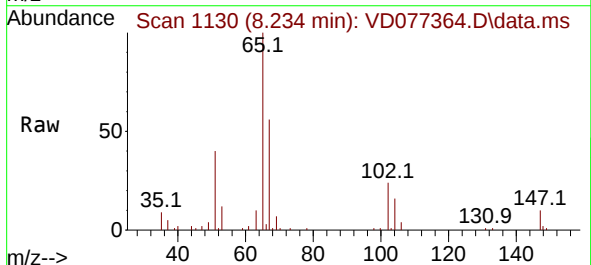
Instrument :
MSVOA_D
ClientSampleId :
VAUX-SLUDGE

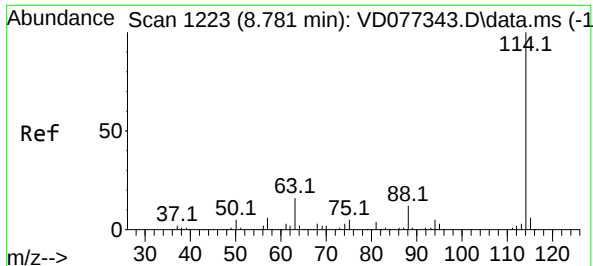
Tgt Ion: 84	Resp: 15815
Ion Ratio	Lower Upper
84 100	
49 104.5	71.4 107.2
51 30.6	24.5 36.7
86 62.4	48.7 73.1



#33
1,2-Dichloroethane-d4
Concen: 66.549 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD077364.D
Acq: 20 Oct 2023 14:29

Tgt Ion: 65	Resp: 66414
Ion Ratio	Lower Upper
65 100	
67 55.3	0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD077364.D

Acq: 20 Oct 2023 14:29

Instrument :

MSVOA_D

ClientSampleId :

VAUX-SLUDGE

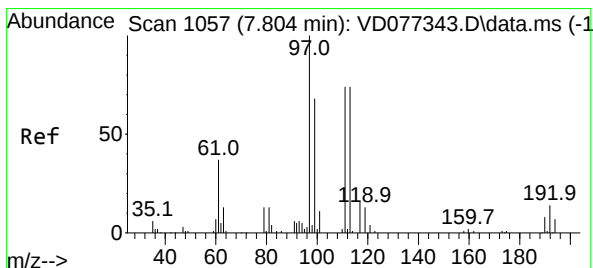
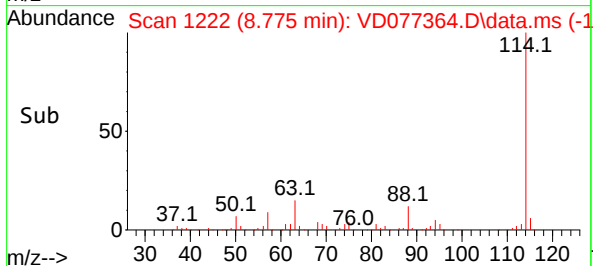
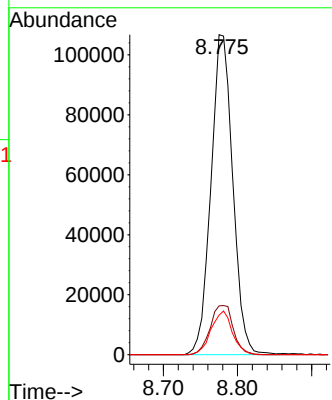
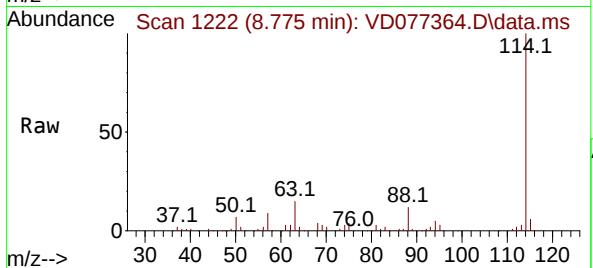
Tgt Ion:114 Resp: 218687

Ion Ratio Lower Upper

114 100

63 15.2 0.0 33.4

88 12.3 0.0 26.2



#35

Dibromofluoromethane

Concen: 48.428 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.001 min

Lab File: VD077364.D

Acq: 20 Oct 2023 14:29

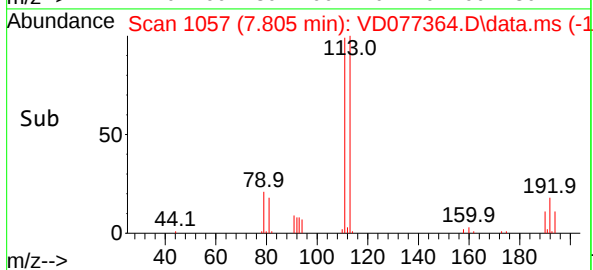
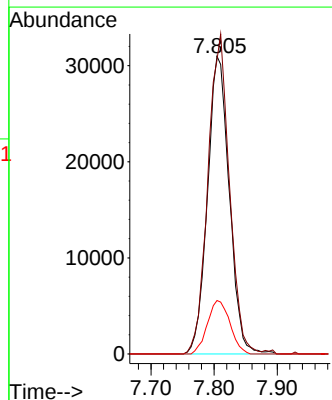
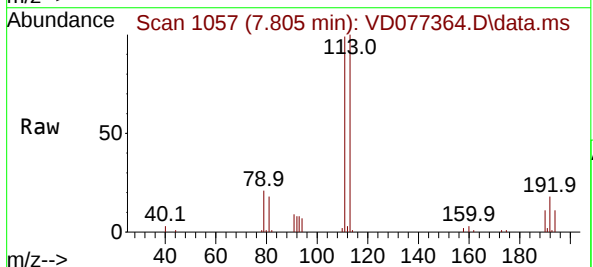
Tgt Ion:113 Resp: 74403

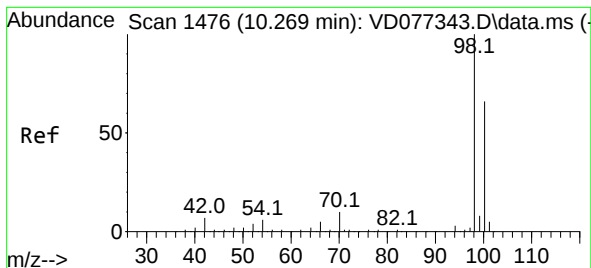
Ion Ratio Lower Upper

113 100

111 105.8 84.7 127.1

192 18.5 16.8 25.2

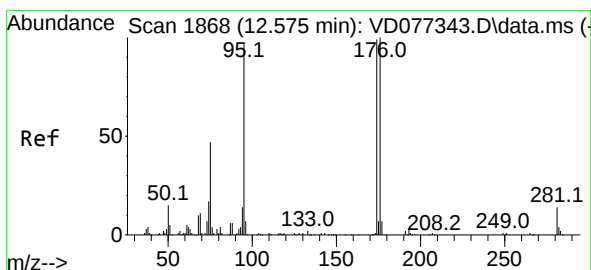
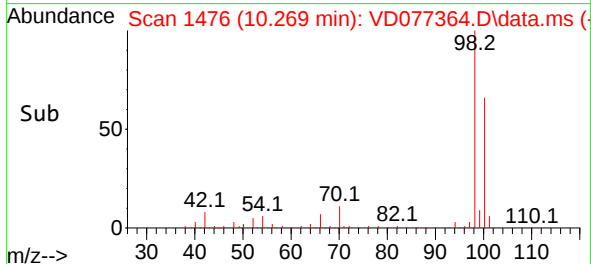
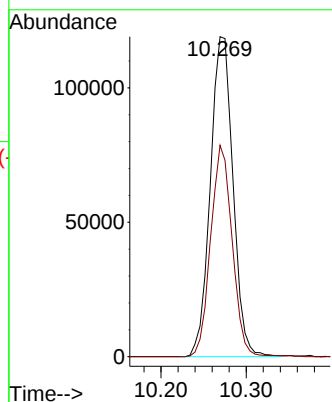
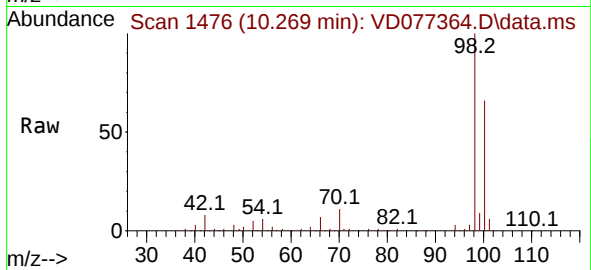




#50
Toluene-d8
Concen: 39.978 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077364.D
Acq: 20 Oct 2023 14:29

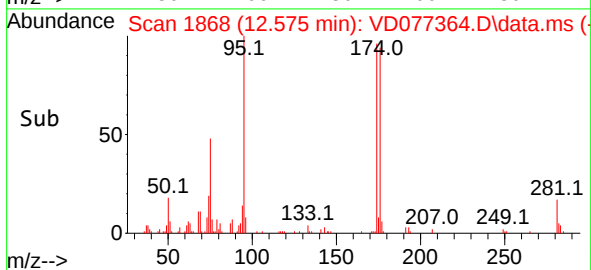
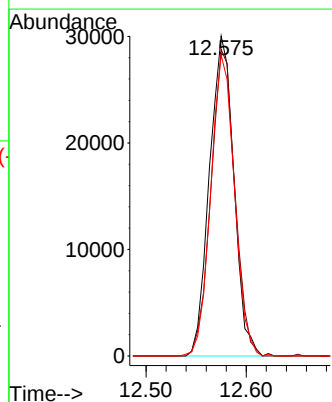
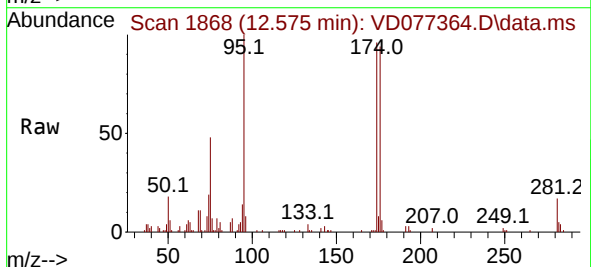
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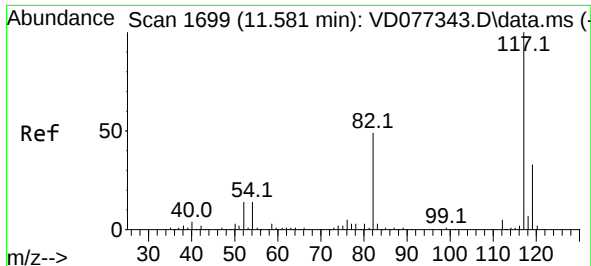
Tgt Ion: 98 Resp: 219970
Ion Ratio Lower Upper
98 100
100 62.9 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 31.934 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077364.D
Acq: 20 Oct 2023 14:29

Tgt Ion: 95 Resp: 50579
Ion Ratio Lower Upper
95 100
174 94.2 0.0 201.8
176 91.8 0.0 191.8

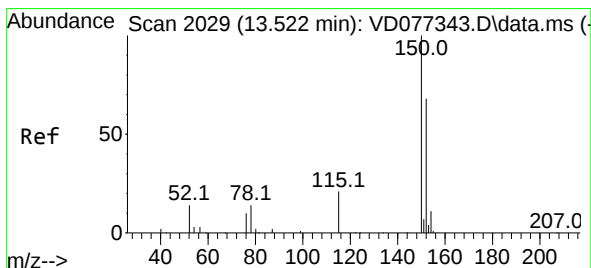
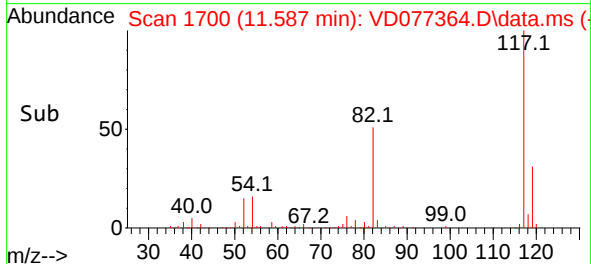
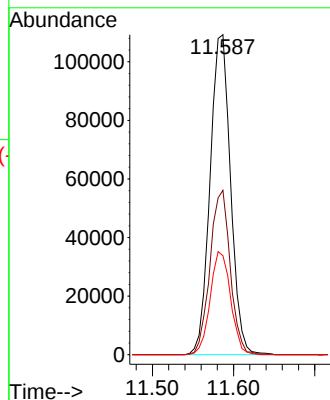
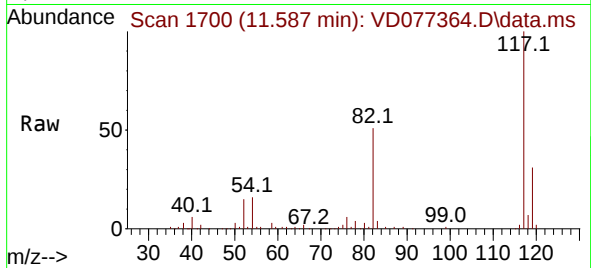




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD077364.D
Acq: 20 Oct 2023 14:29

Instrument :
MSVOA_D
ClientSampleId :
VAUX-SLUDGE

Tgt Ion:117 Resp: 191538
Ion Ratio Lower Upper
117 100
82 51.3 38.3 57.5
119 31.0 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: VD077364.D
Acq: 20 Oct 2023 14:29

Tgt Ion:152 Resp: 57254
Ion Ratio Lower Upper
152 100
115 56.5 27.1 81.3
150 164.5 0.0 353.6

