

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD102023\
 Data File : VD077363.D
 Acq On : 20 Oct 2023 14:02
 Operator : JC/SY
 Sample : 04936-07
 Misc : 5.01G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 1084

Quant Time: Oct 21 05:29:09 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)

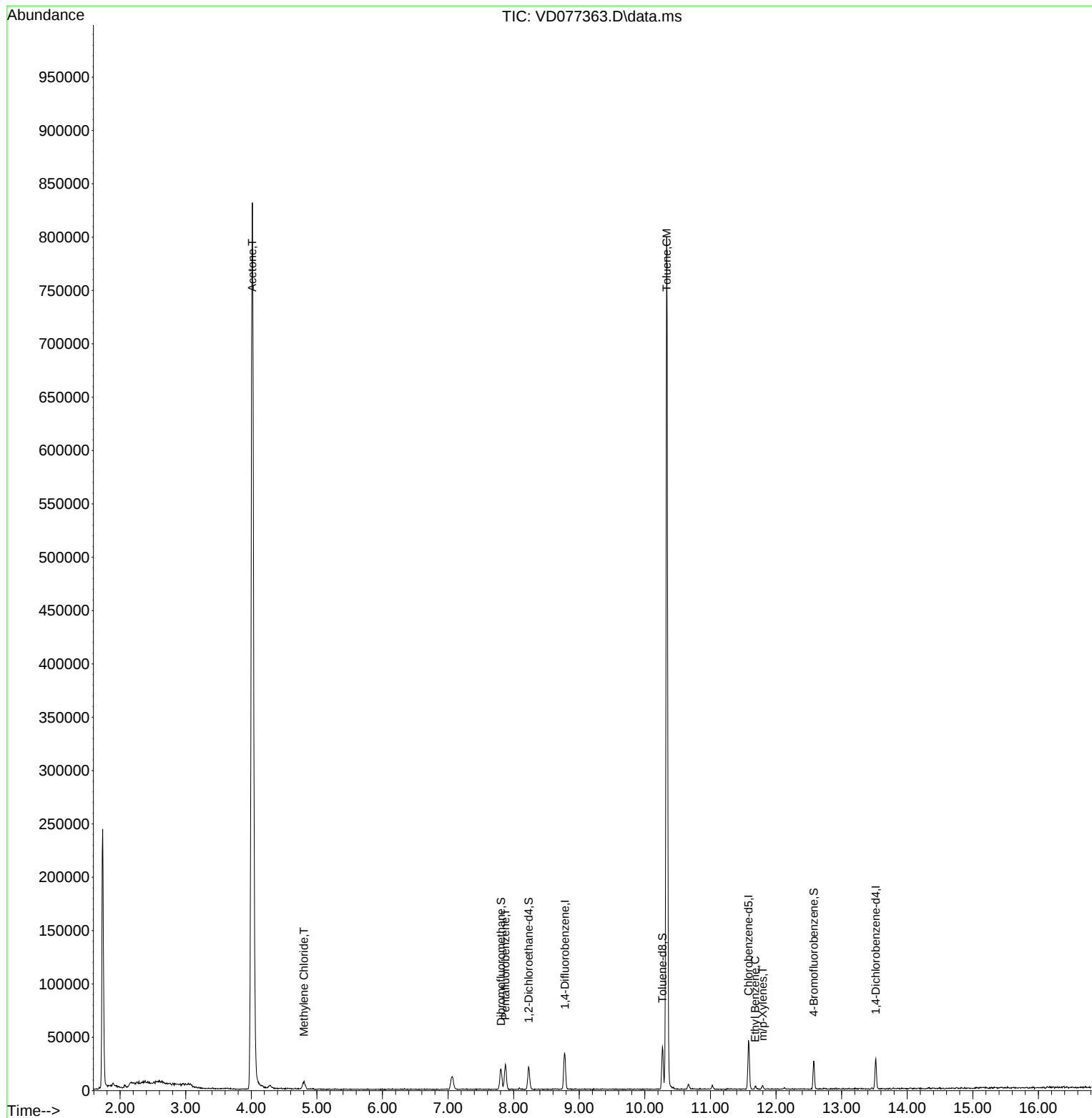
Internal Standards						
1) Pentafluorobenzene	7.875	168	18918	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	34279	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	28607	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	8652	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	15665	92.733	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	185.460%#
35) Dibromofluoromethane	7.810	113	14455	60.023	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.040%
50) Toluene-d8	10.269	98	29543	34.254	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	68.500%
62) 4-Bromofluorobenzene	12.575	95	8591	34.604	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.200%
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	1368116	36932.671	ug/l	95
20) Methylene Chloride	4.805	84	5774	23.196	ug/l	# 79
52) Toluene	10.334	92	345744	551.429	ug/l	100
67) Ethyl Benzene	11.681	91	2137	2.067	ug/l	89
68) m/p-Xylenes	11.798	106	1483	3.494	ug/l	90

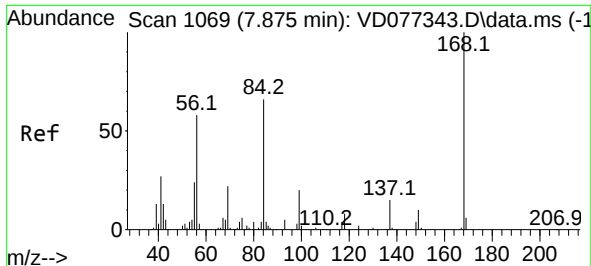
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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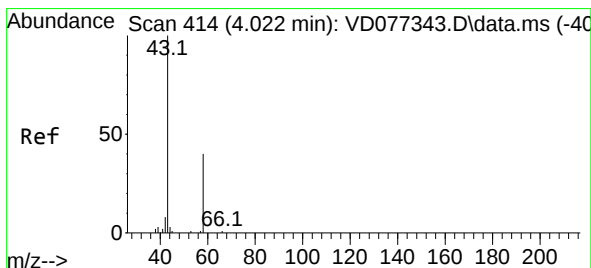
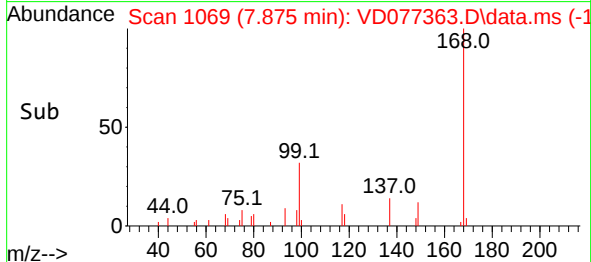
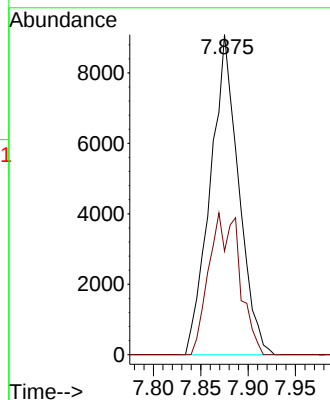
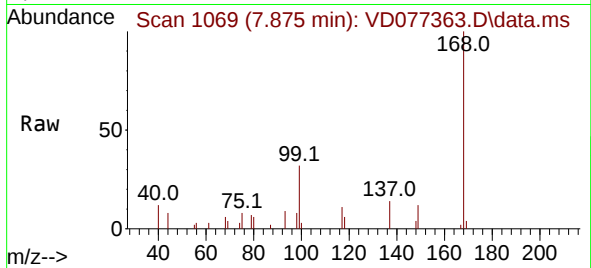




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD077363.D
Acq: 20 Oct 2023 14:02

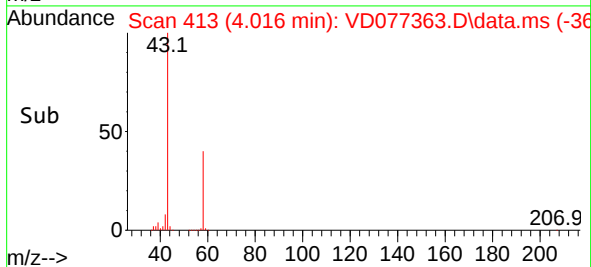
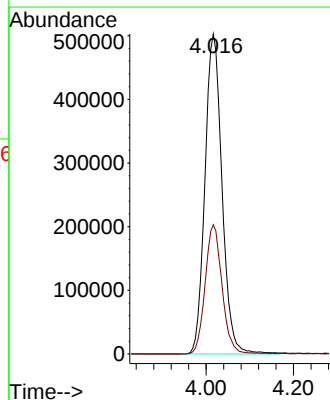
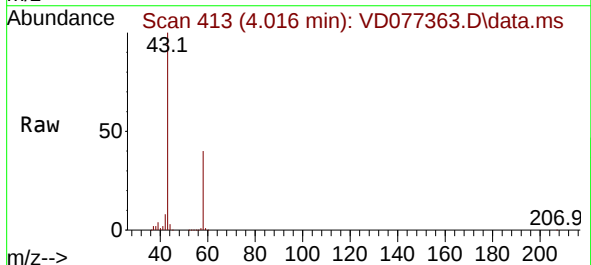
Instrument :
MSVOA_D
ClientSampleId :
1084

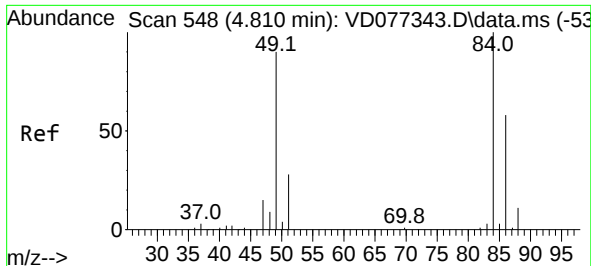
Tgt Ion:168 Resp: 18918
Ion Ratio Lower Upper
168 100
99 32.4 36.7 55.1#



#16
Acetone
Concen: 36932.671 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD077363.D
Acq: 20 Oct 2023 14:02

Tgt Ion: 43 Resp: 1368116
Ion Ratio Lower Upper
43 100
58 40.4 34.7 52.1

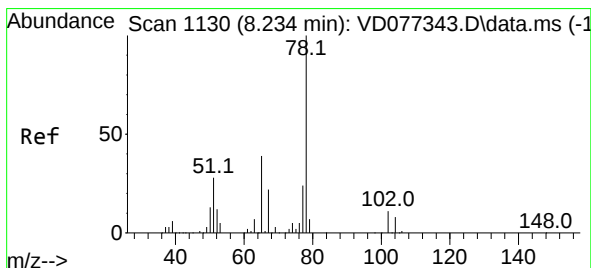
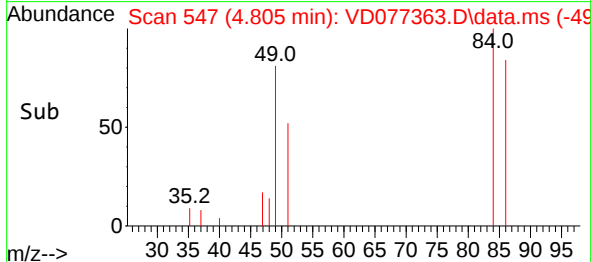
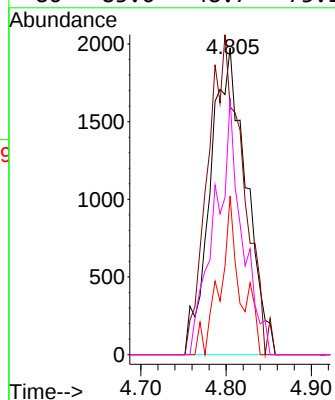
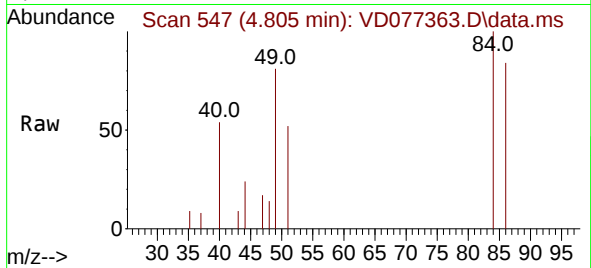




#20
Methylene Chloride
Concen: 23.196 ug/l
RT: 4.805 min Scan# 54
Delta R.T. -0.005 min
Lab File: VD077363.D
Acq: 20 Oct 2023 14:02

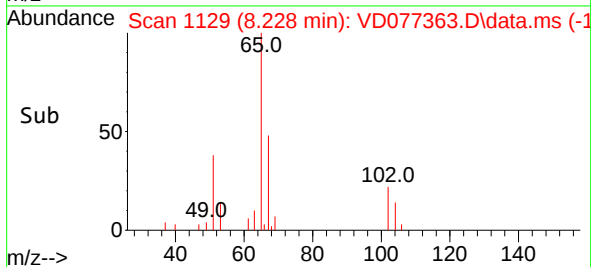
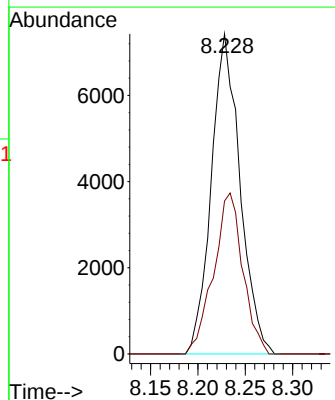
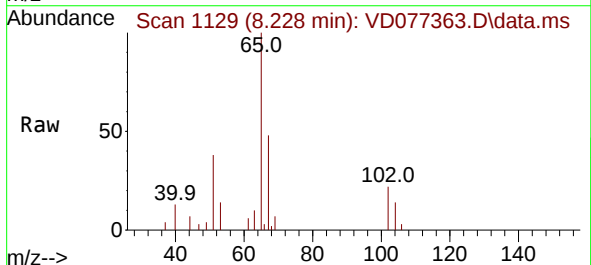
Instrument :
MSVOA_D
ClientSampleId :
1084

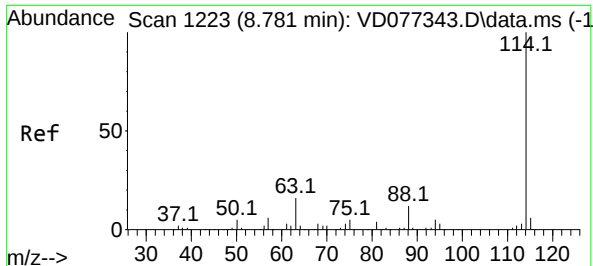
Tgt Ion: 84	Resp: 5774
Ion Ratio	Lower Upper
84 100	
49 80.7	71.4 107.2
51 51.7	24.5 36.7#
86 83.6	48.7 73.1#



#33
1,2-Dichloroethane-d4
Concen: 92.733 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD077363.D
Acq: 20 Oct 2023 14:02

Tgt Ion: 65	Resp: 15665
Ion Ratio	Lower Upper
65 100	
67 51.3	0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD077363.D

Acq: 20 Oct 2023 14:02

Instrument :

MSVOA_D

ClientSampleId :

1084

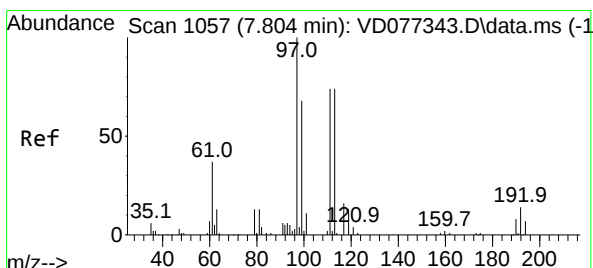
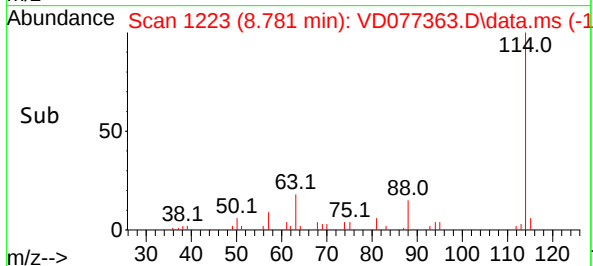
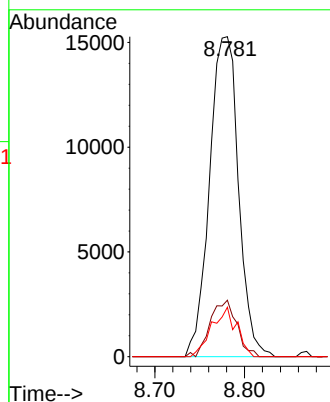
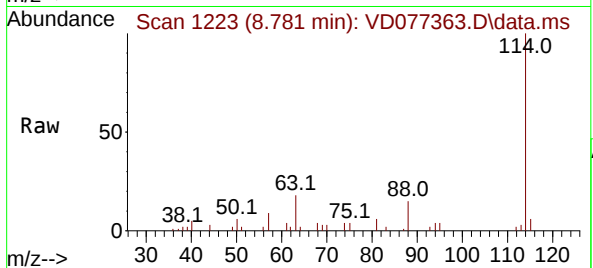
Tgt Ion:114 Resp: 34279

Ion Ratio Lower Upper

114 100

63 17.7 0.0 33.4

88 15.5 0.0 26.2



#35

Dibromofluoromethane

Concen: 60.023 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD077363.D

Acq: 20 Oct 2023 14:02

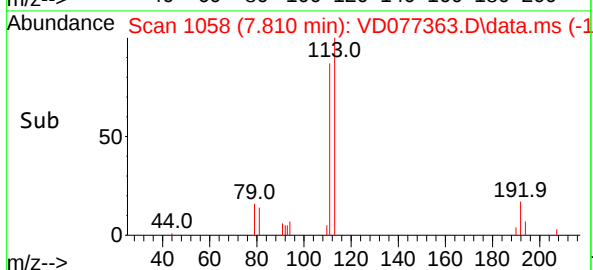
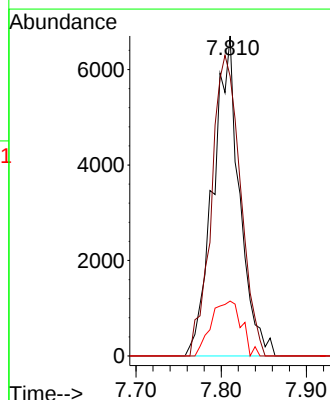
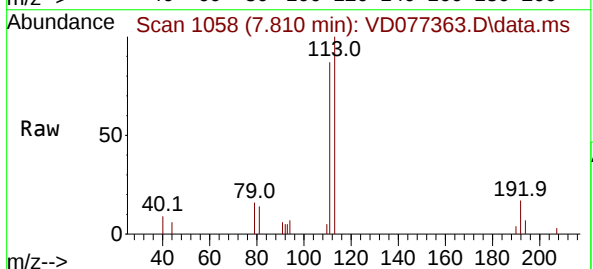
Tgt Ion:113 Resp: 14455

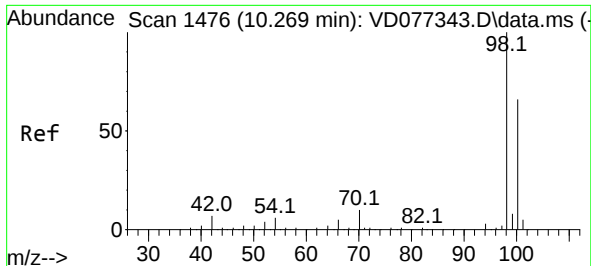
Ion Ratio Lower Upper

113 100

111 102.8 84.7 127.1

192 19.6 16.8 25.2

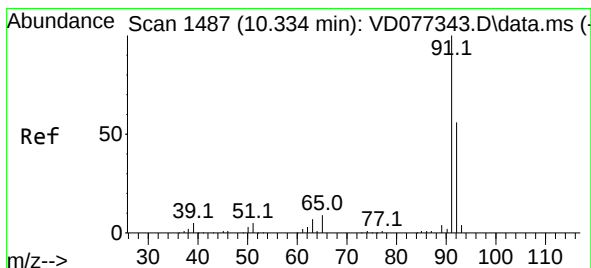
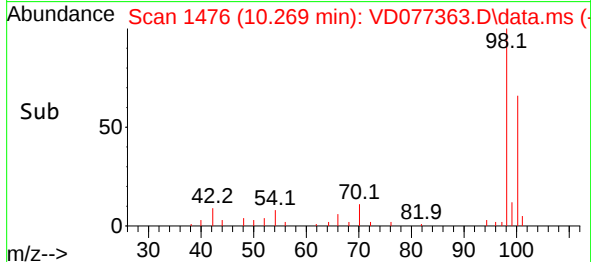
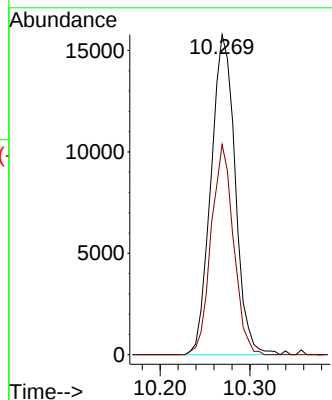
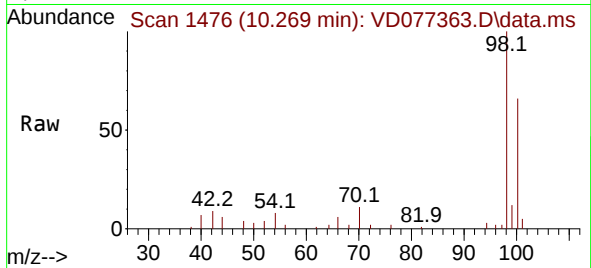




#50
Toluene-d8
Concen: 34.254 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD077363.D
Acq: 20 Oct 2023 14:02

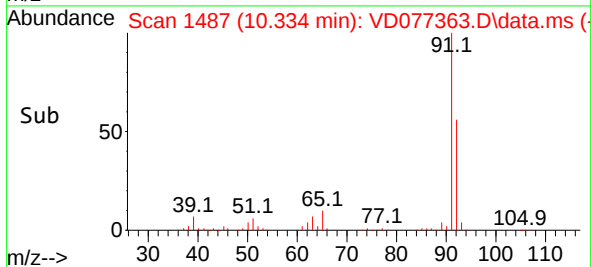
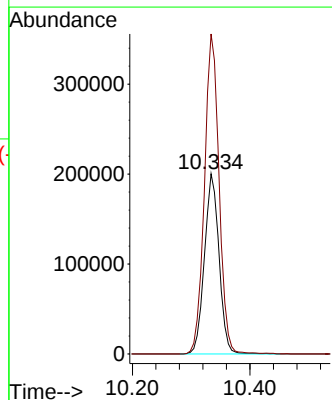
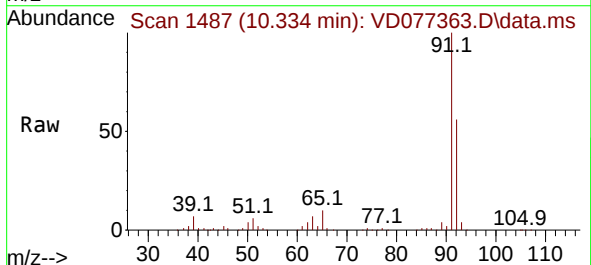
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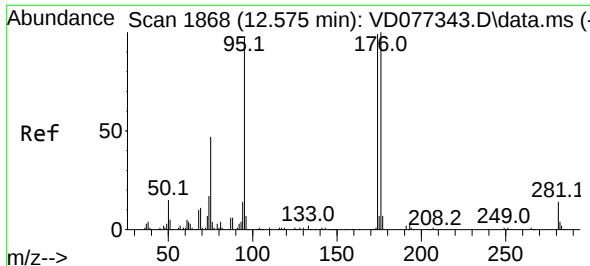
Tgt Ion: 98 Resp: 29543
Ion Ratio Lower Upper
98 100
100 60.8 50.3 75.5



#52
Toluene
Concen: 551.429 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD077363.D
Acq: 20 Oct 2023 14:02

Tgt Ion: 92 Resp: 345744
Ion Ratio Lower Upper
92 100
91 178.4 143.0 214.4

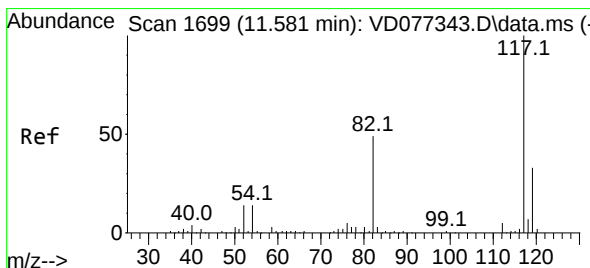
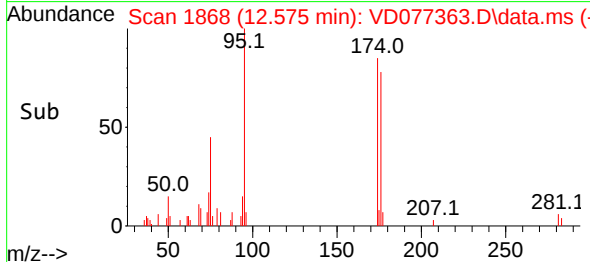
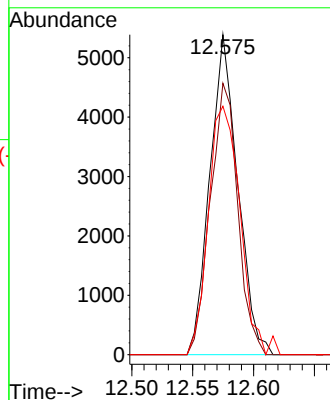
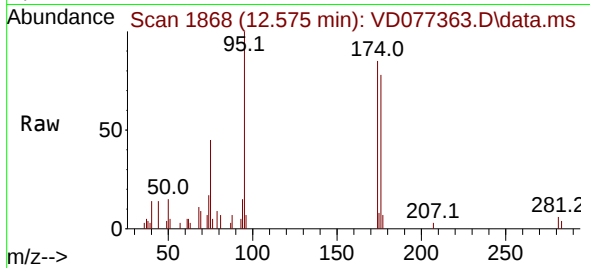




#62
4-Bromofluorobenzene
Concen: 34.604 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD077363.D
Acq: 20 Oct 2023 14:02

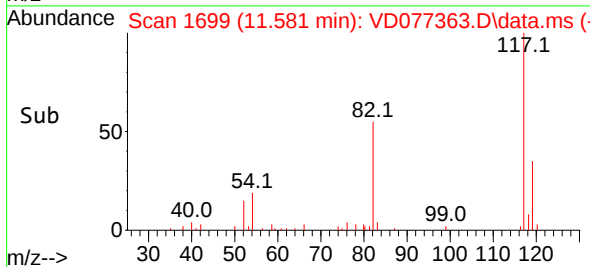
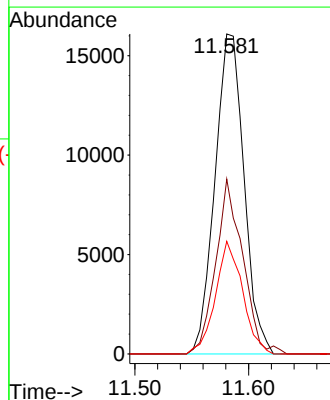
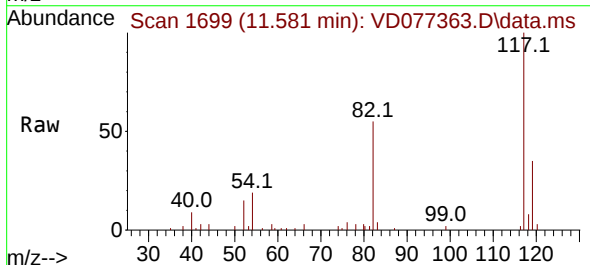
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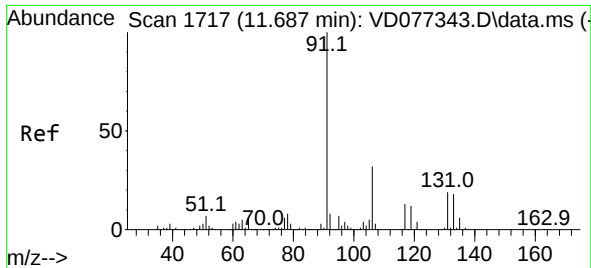
Tgt Ion:	95	Resp:	8591
Ion	Ratio	Lower	Upper
95	100		
174	83.3	0.0	201.8
176	88.6	0.0	191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD077363.D
Acq: 20 Oct 2023 14:02

Tgt Ion:	117	Resp:	28607
Ion	Ratio	Lower	Upper
117	100		
82	54.7	38.3	57.5
119	35.2	25.0	37.4

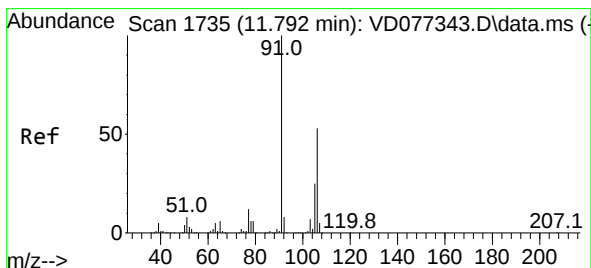
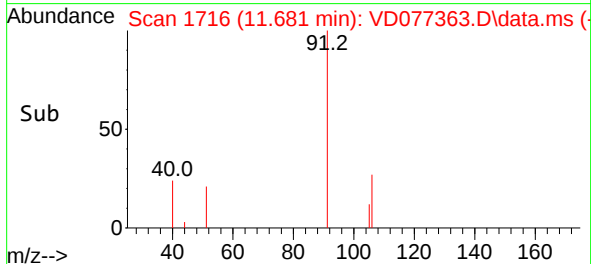
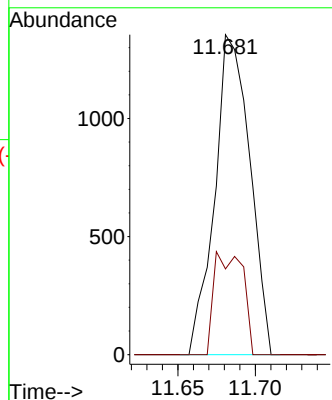
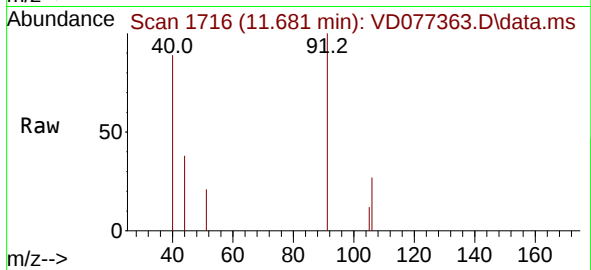




#67
Ethyl Benzene
Concen: 2.067 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VD077363.D
Acq: 20 Oct 2023 14:02

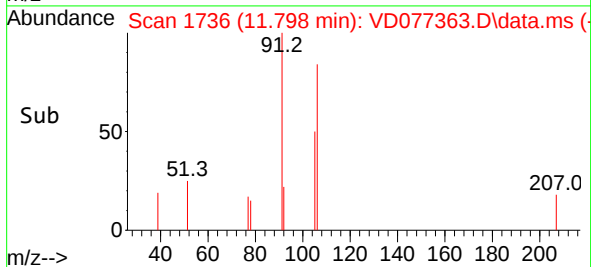
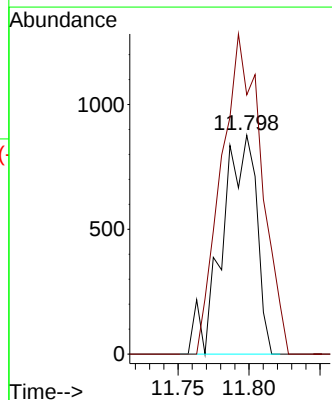
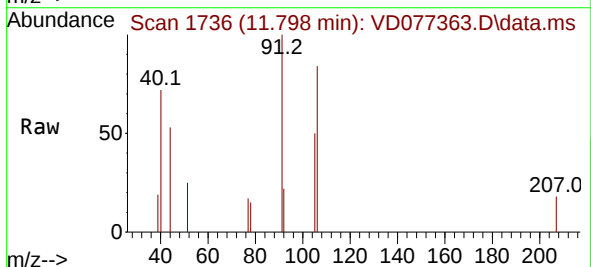
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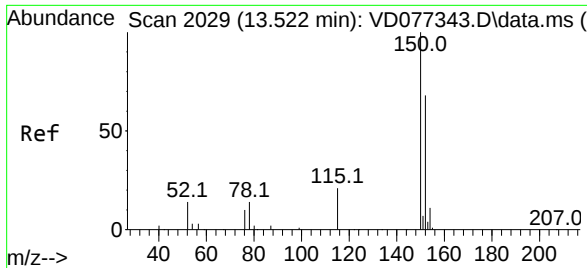
Tgt Ion: 91 Resp: 2137
Ion Ratio Lower Upper
91 100
106 26.8 26.5 39.7



#68
m/p-Xylenes
Concen: 3.494 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD077363.D
Acq: 20 Oct 2023 14:02

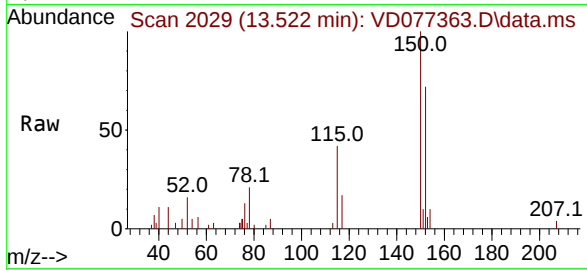
Tgt Ion:106 Resp: 1483
Ion Ratio Lower Upper
106 100
91 169.8 147.0 220.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD077363.D
 Acq: 20 Oct 2023 14:02

Instrument :
 MSVOA_D
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Tgt Ion:	152	Resp:	8652
Ion	Ratio	Lower	Upper
152	100		
115	55.9	27.1	81.3
150	148.3	0.0	353.6

