

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD013023\
 Data File : VD075244.D
 Acq On : 30 Jan 2023 18:06
 Operator : KP/SY
 Sample : 01352-01
 Misc : 4.12G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-2-WC

Quant Time: Jan 31 00:23:17 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:32:27 2023
 Response via : Initial Calibration

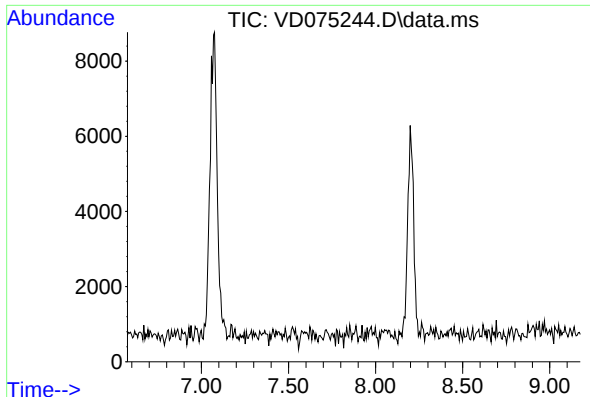
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	0.000	168	0	0.000	ug/l	-7.88
34) 1,4-Difluorobenzene	8.781	114	191	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	882	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/l	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.000%#
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	=	0.000%#
50) Toluene-d8	10.269	98	392	86.261	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	172.520%#
62) 4-Bromofluorobenzene	12.581	95	487	337.670	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	675.340%#
Target Compounds						
					Qvalue	
37) Ethyl Acetate	7.093	43	394	527.386	ug/l #	82
51) 4-Methyl-2-Pentanone	9.928	43	54	77.348	ug/l #	36
67) Ethyl Benzene	11.693	91	152	4.672	ug/l #	43
68) m/p-Xylenes	11.787	106	508	40.422	ug/l	85
69) o-Xylene	12.122	106	61	5.175	ug/l #	1
76) 1,2,3-Trichloropropane	12.575	75	297	38.117	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	297	88.416	ug/l #	14
95) Naphthalene	15.333	128	1015	28.206	ug/l #	69

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

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
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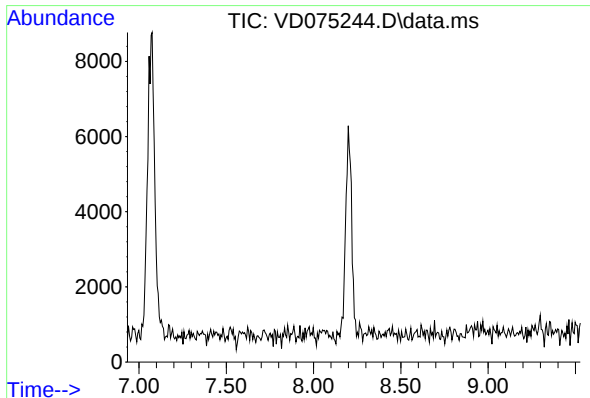
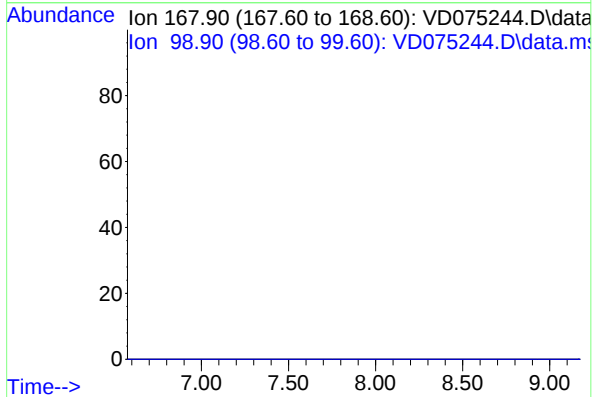


#1
Pentafluorobenzene
Concen: 0.000 ug/l
Expected RT: 7.88 min

Lab File: VD075244.D
Acq: 30 Jan 2023 18:06

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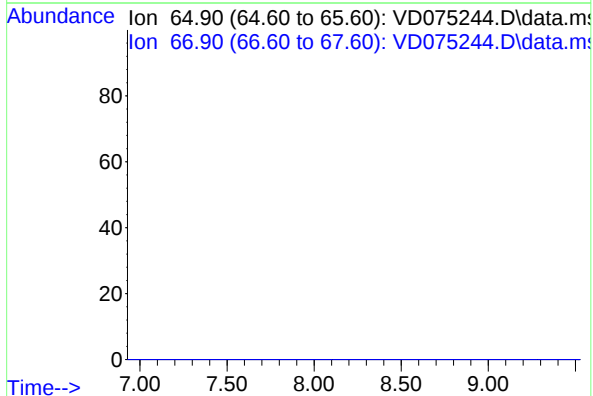
Tgt Ion: 168
Sig Exp Ratio
168 100
99 56.5

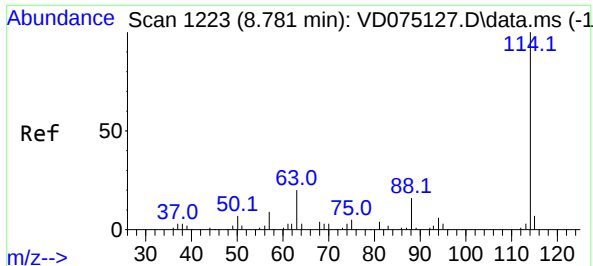


#33
1,2-Dichloroethane-d4
Concen: 0.000 ug/l
Expected RT: 8.23 min

Lab File: VD075244.D
Acq: 30 Jan 2023 18:06

Tgt Ion: 65
Sig Exp Ratio
65 100
67 52.6

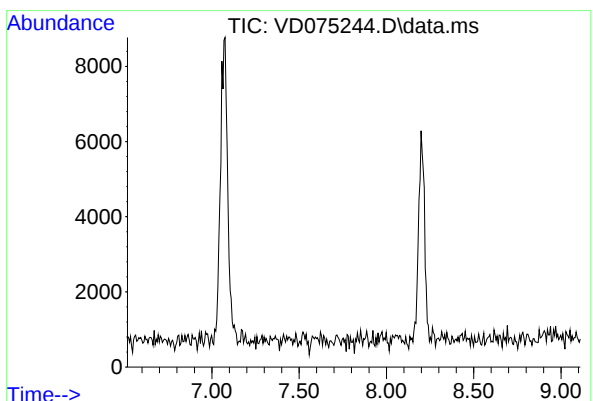
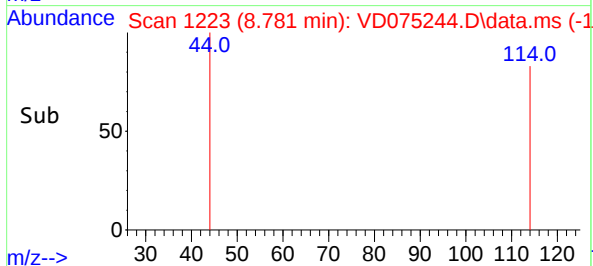
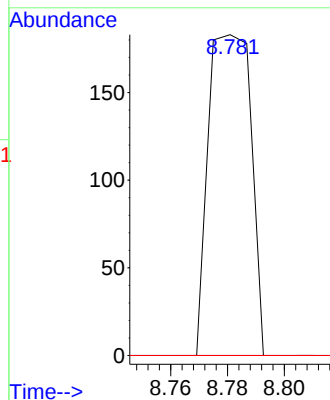
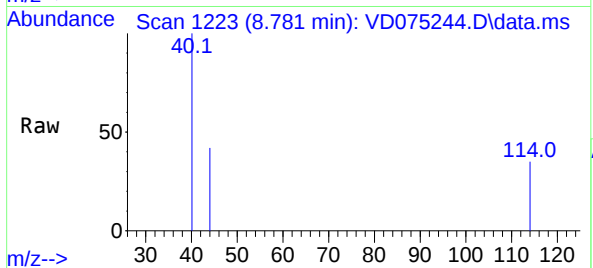




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.781 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD075244.D
Acq: 30 Jan 2023 18:06

Instrument :
MSVOA_D
ClientSampleId :
TP-2-WC

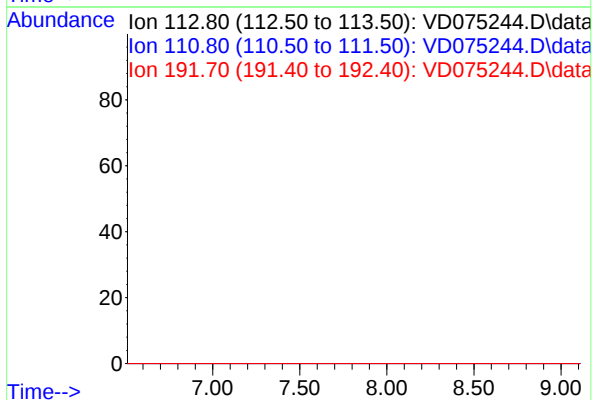
Tgt Ion:114	Resp:	191
Ion	Ratio	Lower Upper
114	100	
63	0.0	0.0 40.2
88	0.0	0.0 32.2

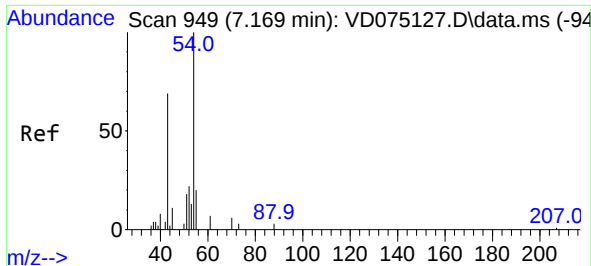


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.81 min

Lab File: VD075244.D
Acq: 30 Jan 2023 18:06

Tgt Ion: 113	
Sig	Exp Ratio
113	100
111	100.1
192	19.2





#37

Ethyl Acetate

Concen: 527.386 ug/l

RT: 7.093 min Scan# 91

Delta R.T. -0.077 min

Lab File: VD075244.D

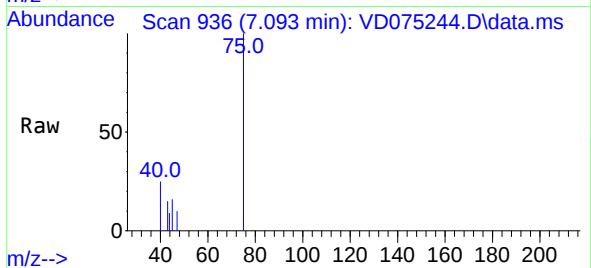
Acq: 30 Jan 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

TP-2-WC



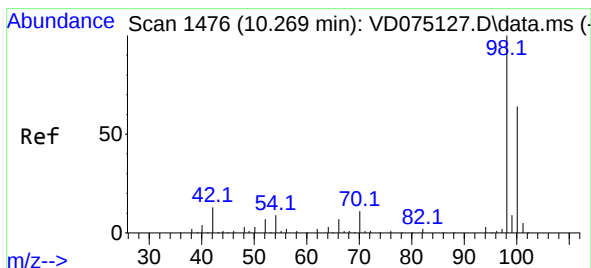
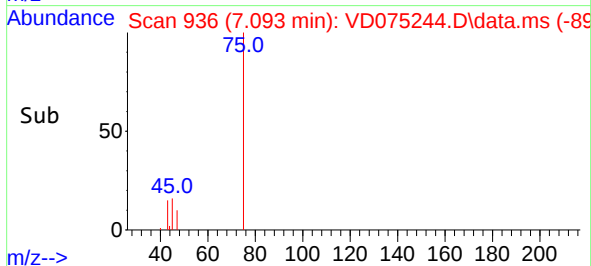
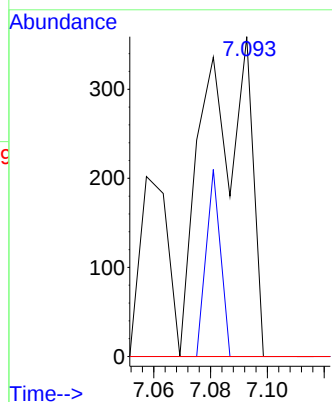
Tgt Ion: 43 Resp: 394

Ion Ratio Lower Upper

43 100

61 18.8 11.7 17.5#

70 0.0 8.8 13.2#



#50

Toluene-d8

Concen: 86.261 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD075244.D

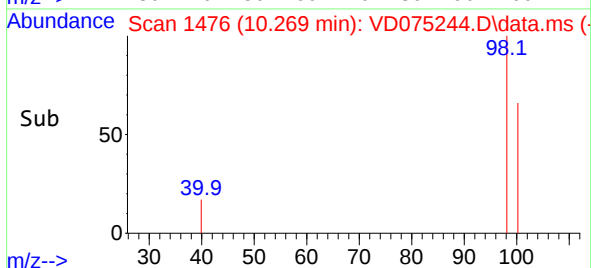
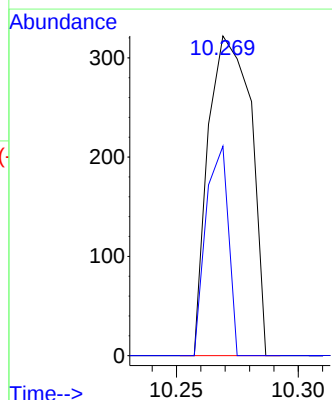
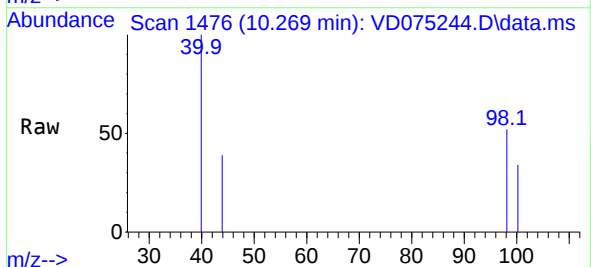
Acq: 30 Jan 2023 18:06

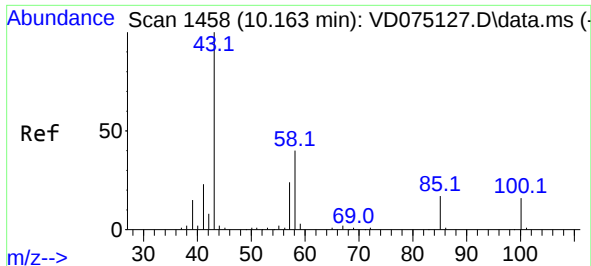
Tgt Ion: 98 Resp: 392

Ion Ratio Lower Upper

98 100

100 34.4 52.7 79.1#





#51

4-Methyl-2-Pentanone

Concen: 77.348 ug/l

RT: 9.928 min Scan# 1458

Delta R.T. -0.235 min

Lab File: VD075244.D

Acq: 30 Jan 2023 18:06

Instrument :

MSVOA_D

ClientSampleId :

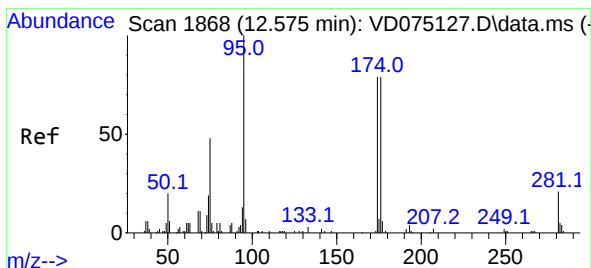
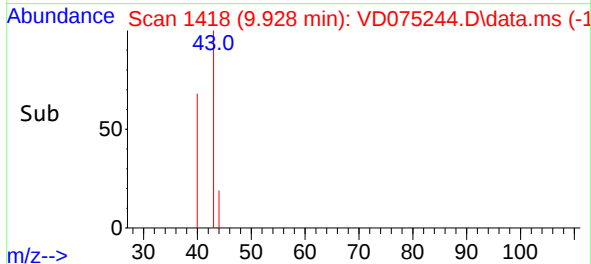
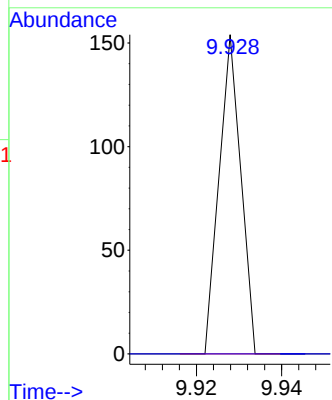
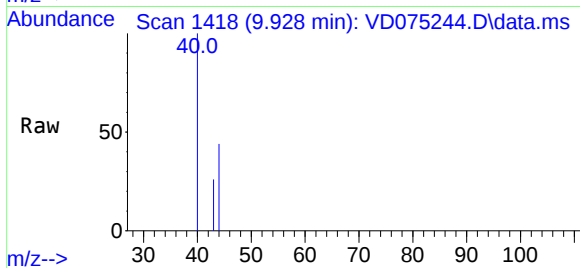
TP-2-WC

Tgt Ion: 43 Resp: 54

Ion Ratio Lower Upper

43 100

58 0.0 31.4 47.0#



#62

4-Bromofluorobenzene

Concen: 337.670 ug/l

RT: 12.581 min Scan# 1869

Delta R.T. 0.006 min

Lab File: VD075244.D

Acq: 30 Jan 2023 18:06

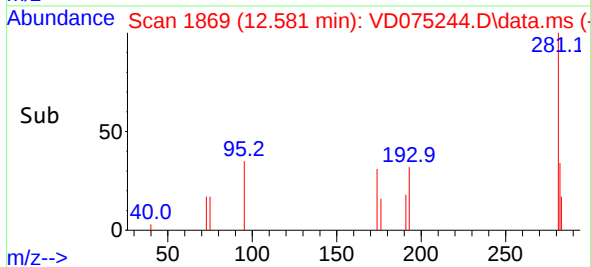
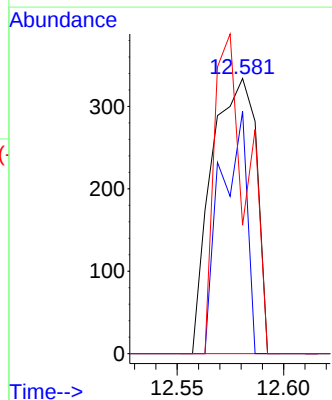
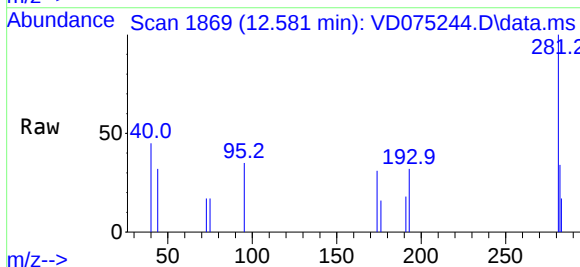
Tgt Ion: 95 Resp: 487

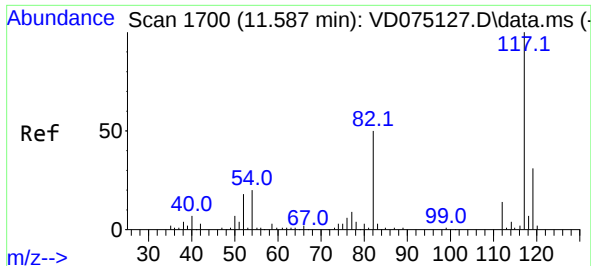
Ion Ratio Lower Upper

95 100

174 52.0 0.0 161.2

176 84.4 0.0 160.2

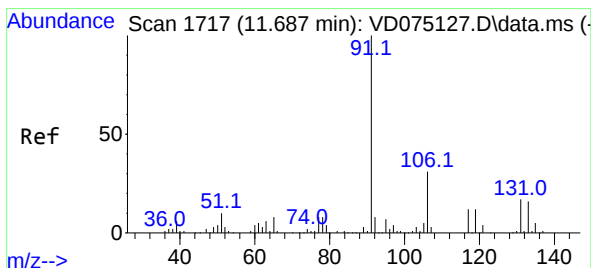
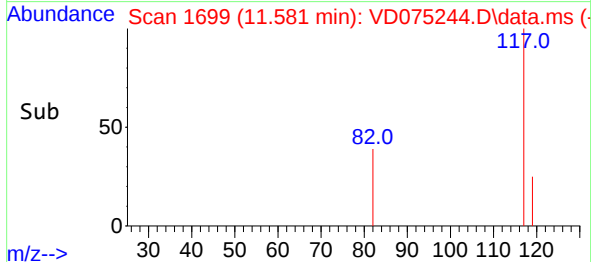
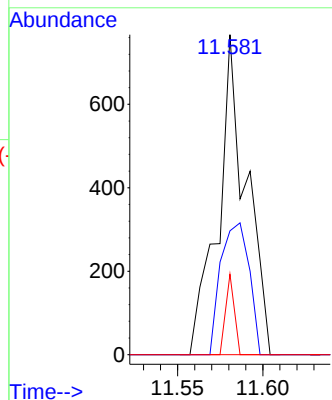
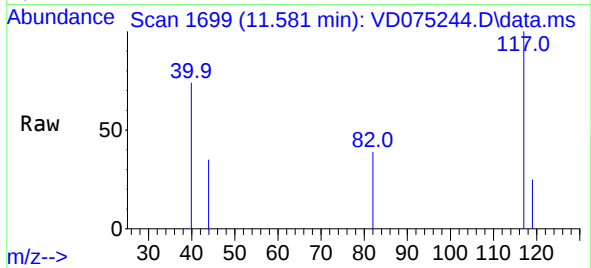




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD075244.D
Acq: 30 Jan 2023 18:06

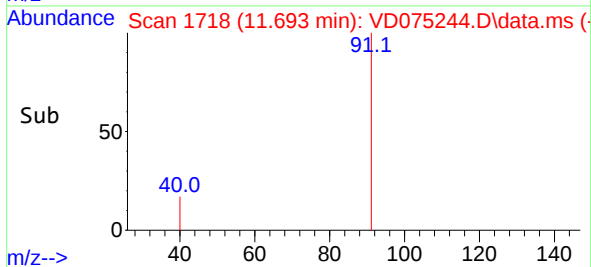
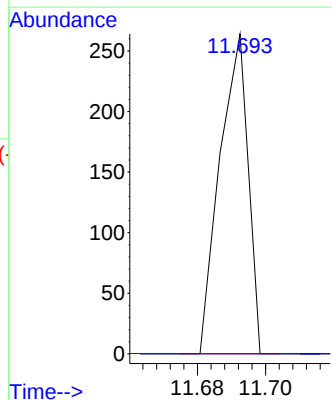
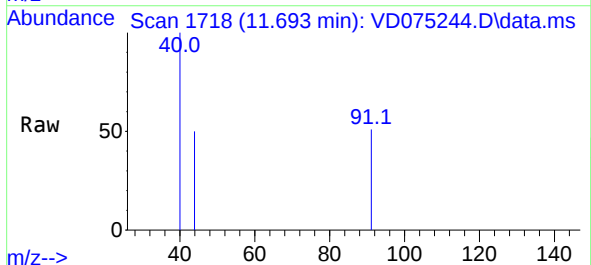
Instrument :
MSVOA_D
ClientSampleId :
TP-2-WC

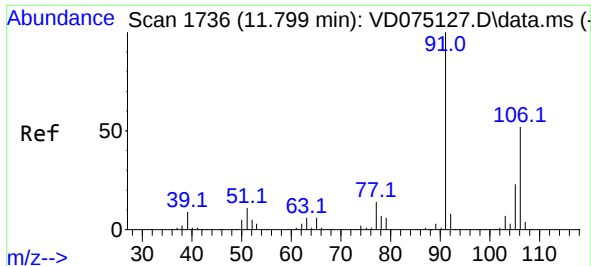
Tgt Ion:117 Resp: 882
Ion Ratio Lower Upper
117 100
82 38.7 39.6 59.4#
119 25.2 24.6 37.0



#67
Ethyl Benzene
Concen: 4.672 ug/l
RT: 11.693 min Scan# 1718
Delta R.T. 0.006 min
Lab File: VD075244.D
Acq: 30 Jan 2023 18:06

Tgt Ion: 91 Resp: 152
Ion Ratio Lower Upper
91 100
106 0.0 25.0 37.6#

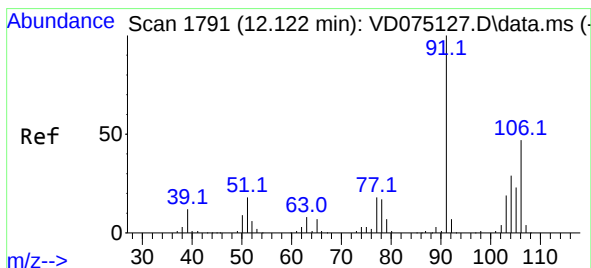
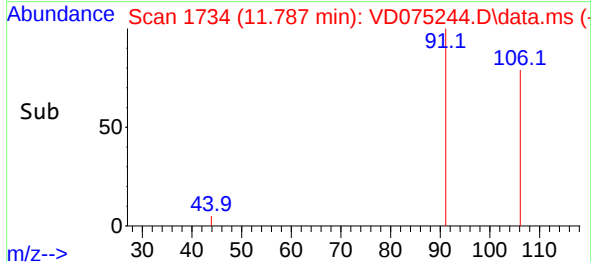
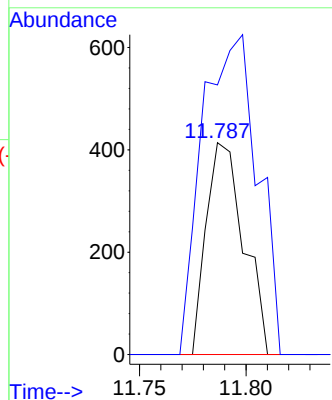
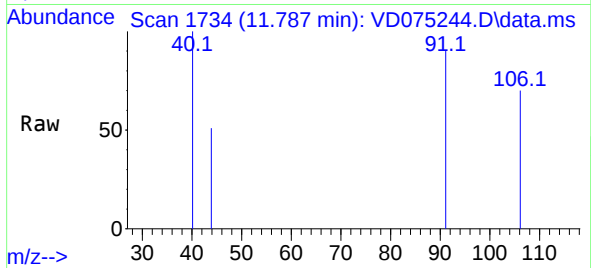




#68
m/p-Xylenes
Concen: 40.422 ug/l
RT: 11.787 min Scan# 11
Delta R.T. -0.012 min
Lab File: VD075244.D
Acq: 30 Jan 2023 18:06

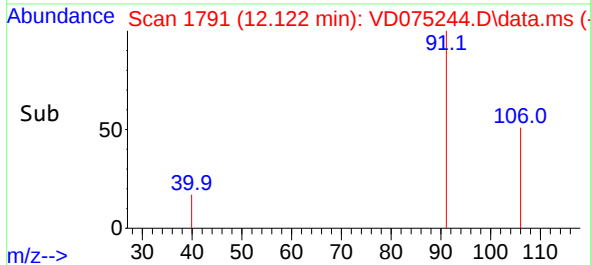
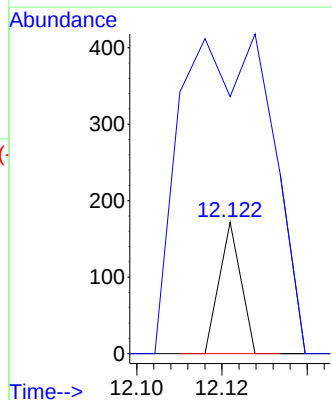
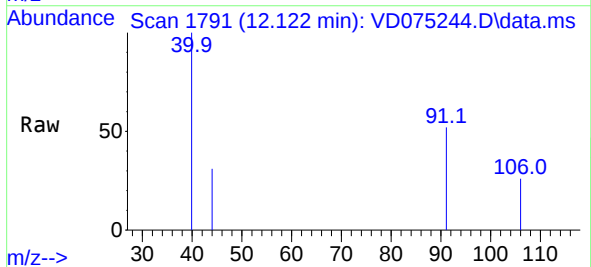
Instrument :
MSVOA_D
ClientSampleId :
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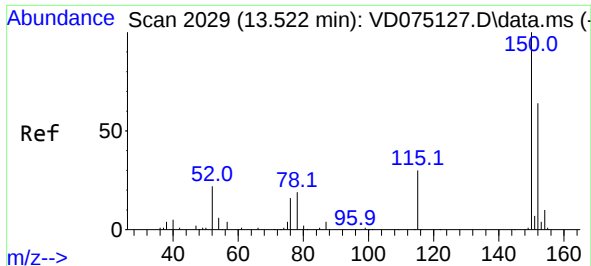
Tgt Ion:106 Resp: 508
Ion Ratio Lower Upper
106 100
91 222.4 160.3 240.5



#69
o-Xylene
Concen: 5.175 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD075244.D
Acq: 30 Jan 2023 18:06

Tgt Ion:106 Resp: 61
Ion Ratio Lower Upper
106 100
91 1008.2 103.6 310.9#

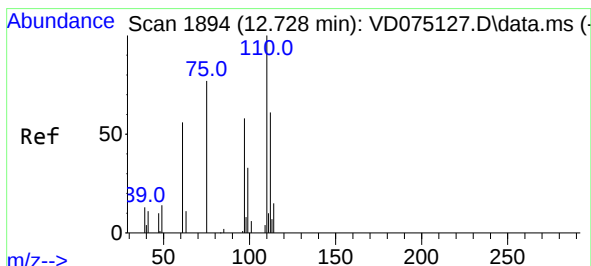
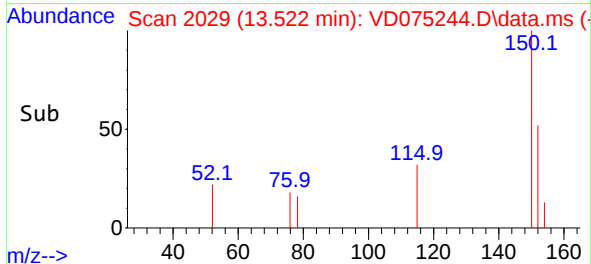
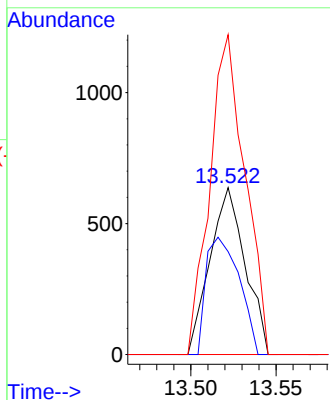
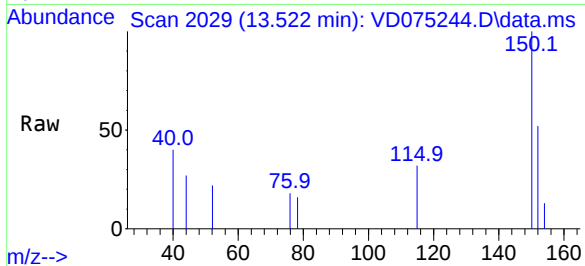




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. -0.000 min
Lab File: VD075244.D
Acq: 30 Jan 2023 18:06

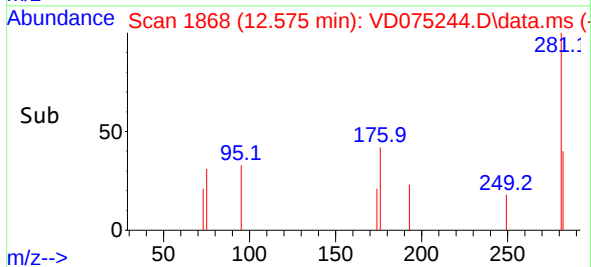
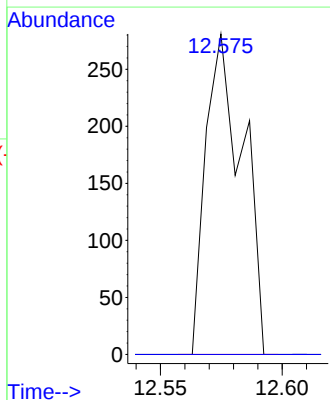
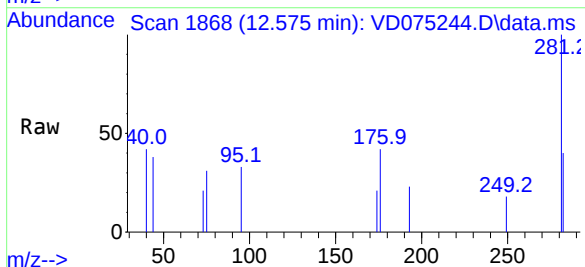
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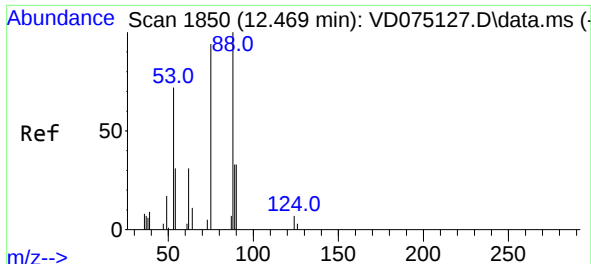
Tgt Ion:152 Resp: 920
Ion Ratio Lower Upper
152 100
115 66.1 28.8 86.4
150 191.4 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 38.117 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.153 min
Lab File: VD075244.D
Acq: 30 Jan 2023 18:06

Tgt Ion: 75 Resp: 297
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

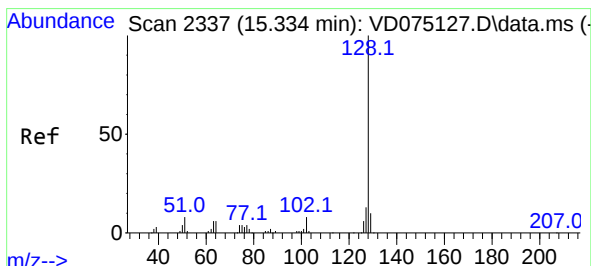
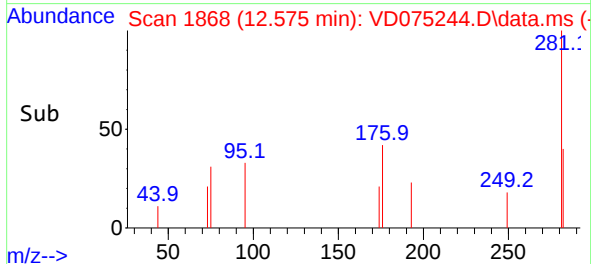
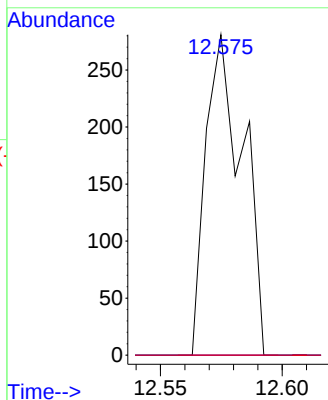
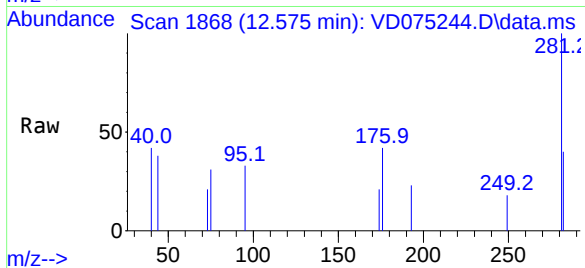




#81
trans-1,4-Dichloro-2-butene
Concen: 88.416 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD075244.D
Acq: 30 Jan 2023 18:06

Instrument :
MSVOA_D
ClientSampleId :
TP-2-WC

Tgt Ion: 75 Resp: 297
Ion Ratio Lower Upper
75 100
53 0.0 70.5 105.7#
89 0.0 34.6 52.0#



#95
Naphthalene
Concen: 28.206 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD075244.D
Acq: 30 Jan 2023 18:06

Tgt Ion:128 Resp: 1015
Ion Ratio Lower Upper
128 100
127 0.0 10.6 15.8#
129 0.0 8.7 13.1#

