

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022885.D
 Acq On : 18 Oct 2021 23:06
 Operator : SY/MD
 Sample : M4200-10
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGH2

Quant Time: Oct 19 04:08:06 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100721WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Oct 19 04:07:06 2021
 Response via : Initial Calibration

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

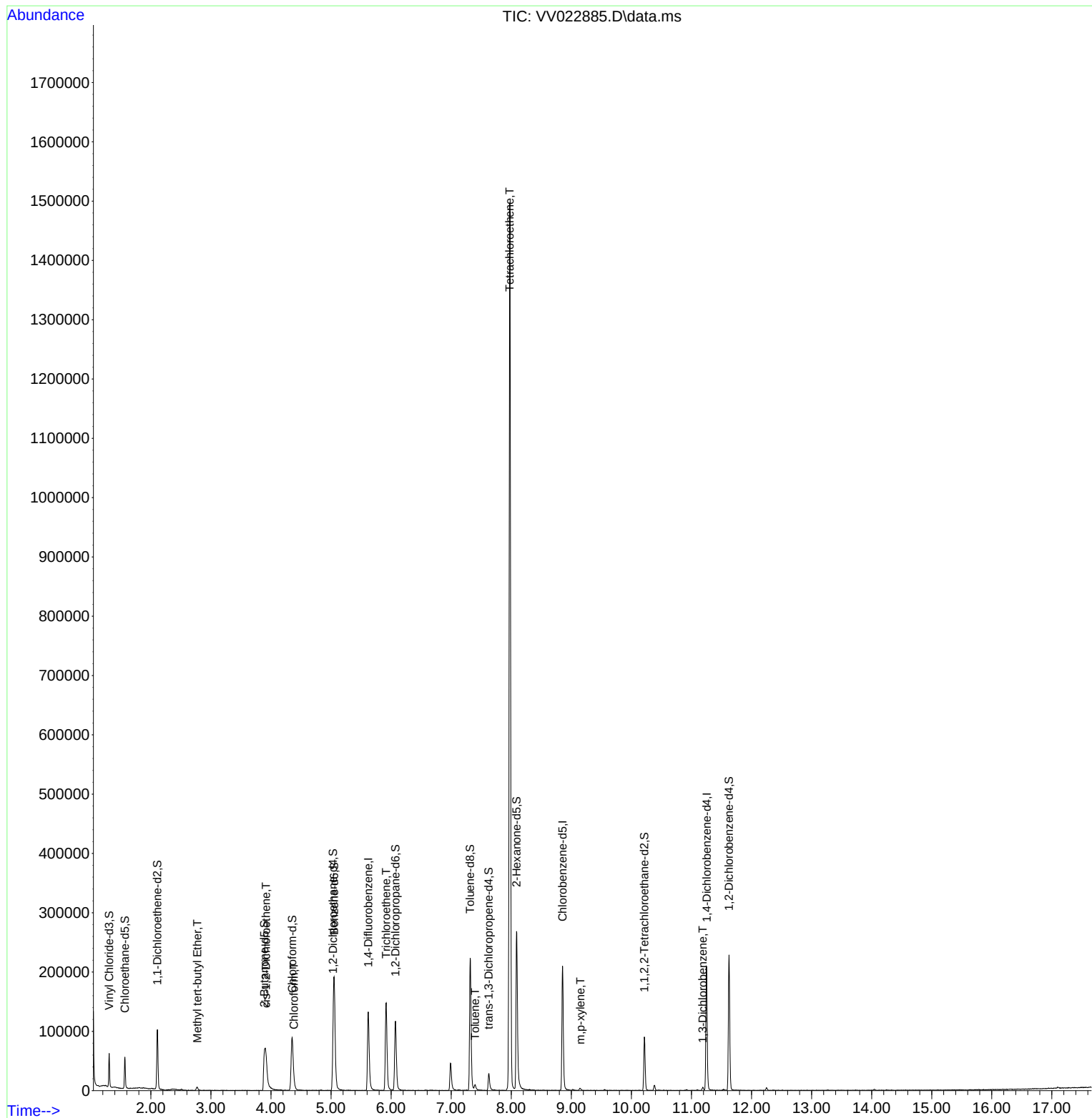
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	117772	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	121443	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	56303	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	34505	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.568	69	32262	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.60%
11) 1,1-Dichloroethene-d2	2.108	63	51402	3.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.60%
20) 2-Butanone-d5	3.889	46	111401	52.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.86%
24) Chloroform-d	4.352	84	92507	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.80%
26) 1,2-Dichloroethane-d4	5.034	65	43540	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
32) Benzene-d6	5.053	84	175105	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.072	67	57778	5.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.00%
41) Toluene-d8	7.317	98	150478	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
43) trans-1,3-Dichloroprop...	7.625	79	16993	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.088	63	93644	65.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	130.86%#
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42436	5.85	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	117.00%
66) 1,2-Dichlorobenzene-d4	11.625	152	61420	5.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.60%
Target Compounds						Qvalue
17) Methyl tert-butyl Ether	2.773	73	3780	0.22	ug/L	# 88
22) cis-1,2-Dichloroethene	3.915	96	17698	2.18	ug/L	90
25) Chloroform	4.381	83	8780	0.54	ug/L	95
34) Trichloroethene	5.915	95	51442	5.78	ug/L	98
42) Toluene	7.397	91	6790	0.20	ug/L	86
47) Tetrachloroethene	7.976	164	337445	46.91	ug/L	99
53) m,p-xylene	9.153	106	1219	0.09	ug/L	84
64) 1,3-Dichlorobenzene	11.188	146	2321	0.15	ug/L	94

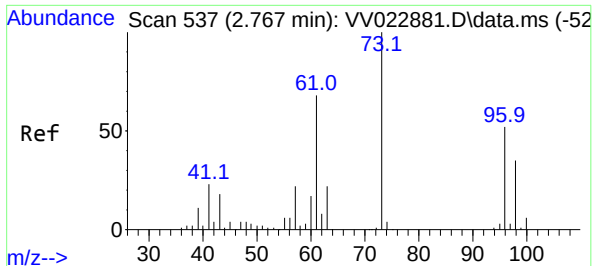
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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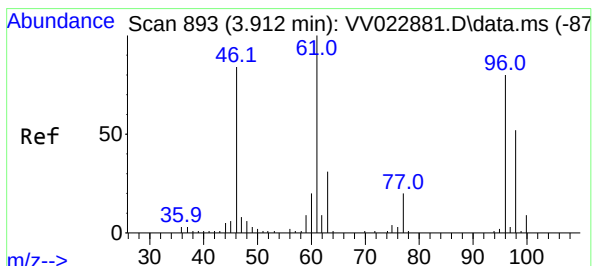
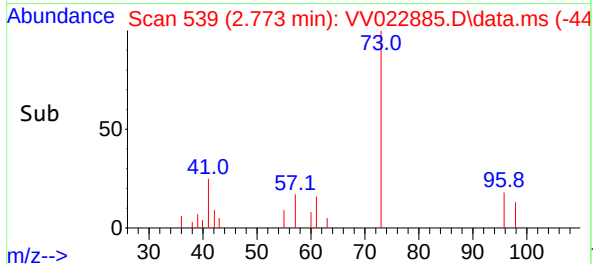
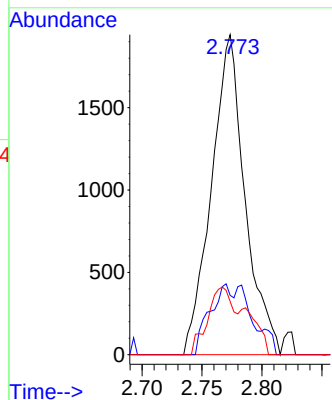
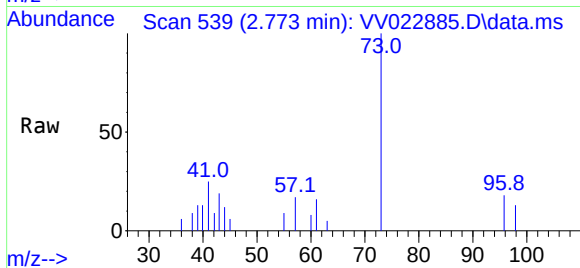


#17

Methyl tert-butyl Ether
Concen: 0.22 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.006 min
Lab File: VV022885.D
Acq: 18 Oct 2021 23:06

Instrument :
MSVOA_V
ClientSampleId :
BFGH2

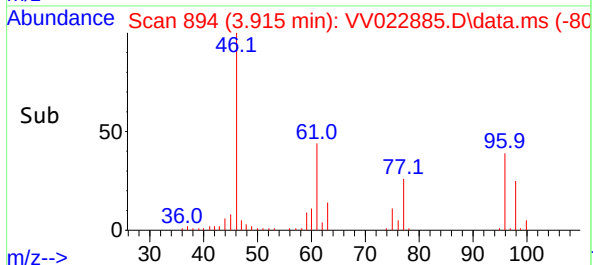
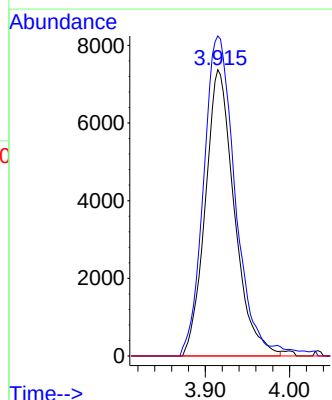
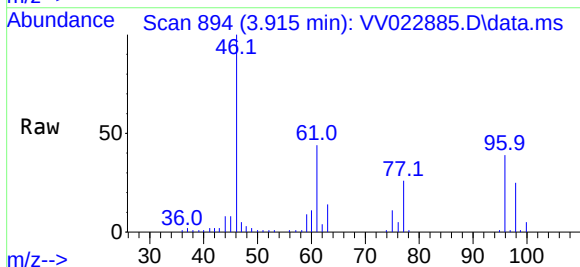
Tgt Ion: 73 Resp: 3780
Ion Ratio Lower Upper
73 100
43 15.4 17.1 25.7#
57 16.5 17.2 25.8#

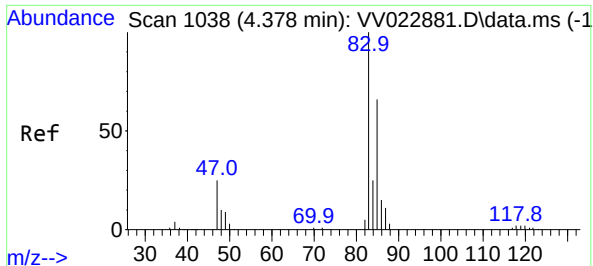


#22

cis-1,2-Dichloroethene
Concen: 2.18 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022885.D
Acq: 18 Oct 2021 23:06

Tgt Ion: 96 Resp: 17698
Ion Ratio Lower Upper
96 100
61 111.8 86.0 159.6
68 0.0 0.0 0.0



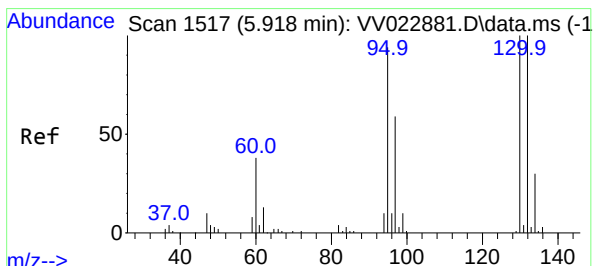
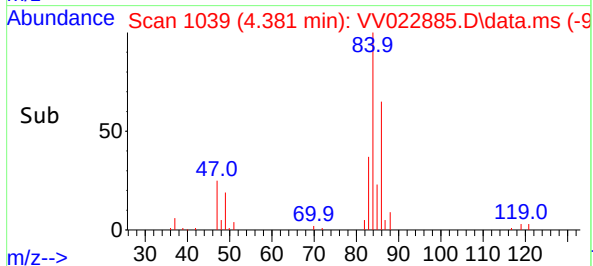
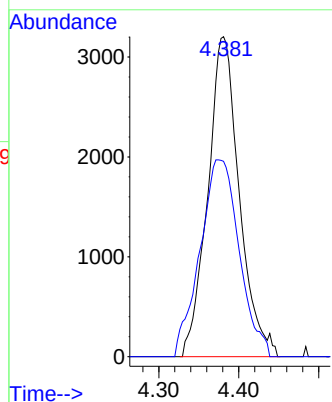
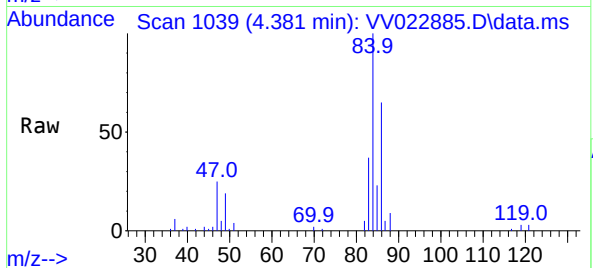


#25

Chloroform
Concen: 0.54 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VV022885.D
Acq: 18 Oct 2021 23:06

Instrument :
MSVOA_V
ClientSampled :
BFGH2

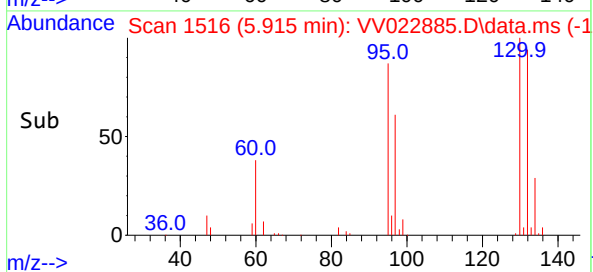
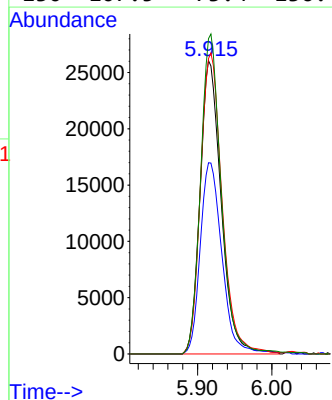
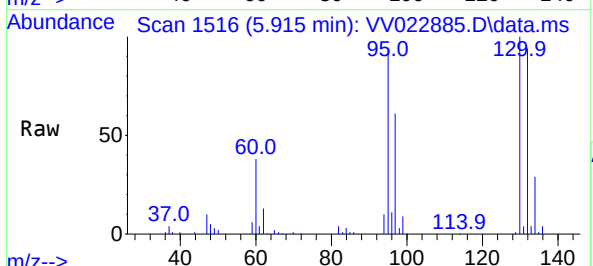
Tgt Ion: 83 Resp: 8780
Ion Ratio Lower Upper
83 100
85 61.0 45.7 84.9

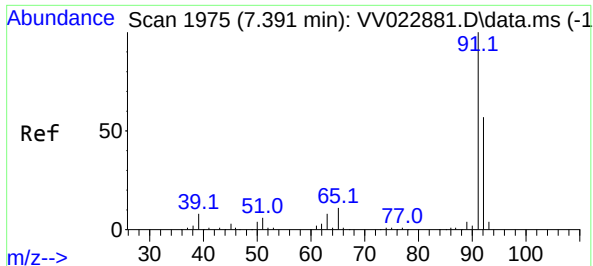


#34

Trichloroethene
Concen: 5.78 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. -0.003 min
Lab File: VV022885.D
Acq: 18 Oct 2021 23:06

Tgt Ion: 95 Resp: 51442
Ion Ratio Lower Upper
95 100
97 65.2 45.8 85.2
132 100.7 72.2 134.0
130 107.5 73.4 136.4





#42

Toluene

Concen: 0.20 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VV022885.D

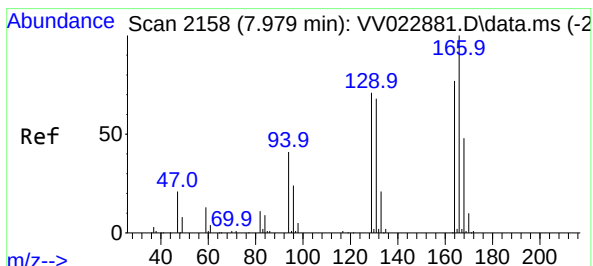
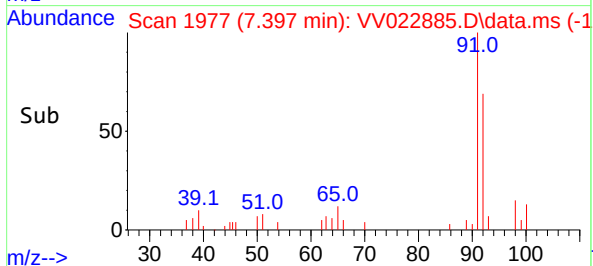
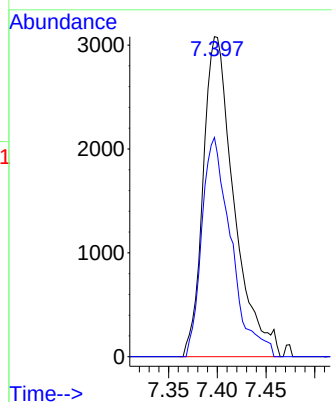
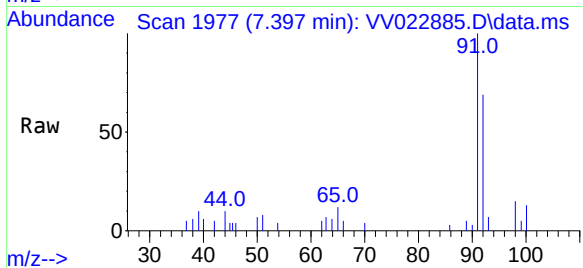
Acq: 18 Oct 2021 23:06

Tgt Ion: 91 Resp: 6790

Ion Ratio Lower Upper

91 100

92 68.5 40.7 75.7



#47

Tetrachloroethene

Concen: 46.91 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

Lab File: VV022885.D

Acq: 18 Oct 2021 23:06

Tgt Ion:164 Resp: 337445

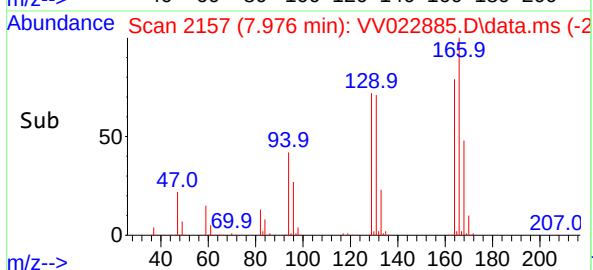
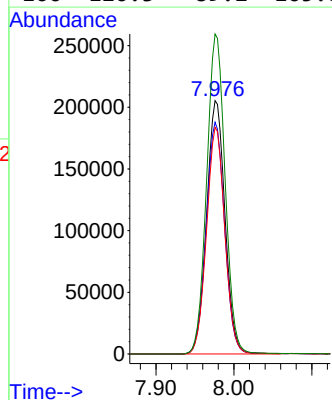
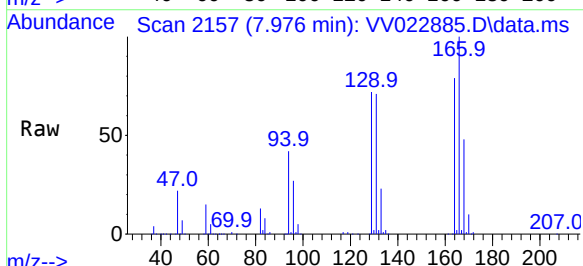
Ion Ratio Lower Upper

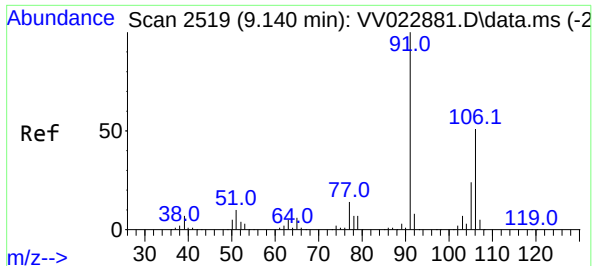
164 100

129 91.5 65.0 120.6

131 89.5 62.2 115.4

166 126.3 89.2 165.8

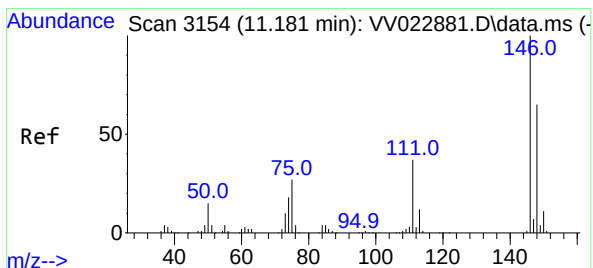
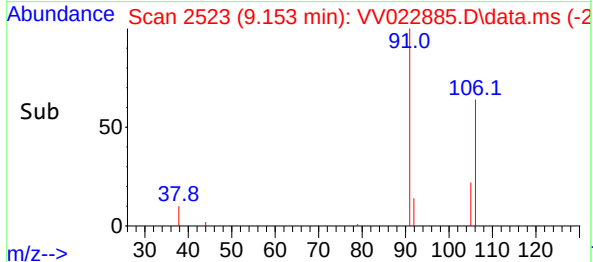
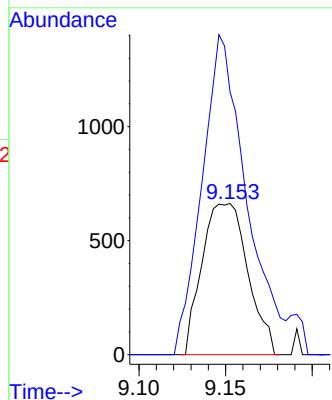
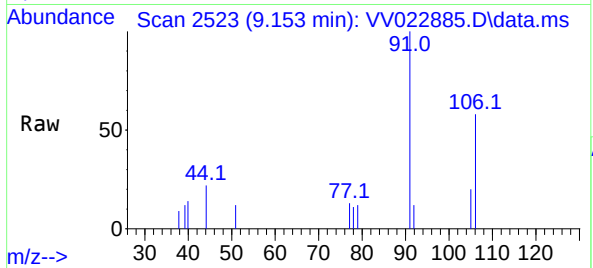




#53
m,p-xylene
Concen: 0.09 ug/L
RT: 9.153 min Scan# 2523
Delta R.T. 0.013 min
Lab File: VV022885.D
Acq: 18 Oct 2021 23:06

Instrument :
MSVOA_V
ClientSampled :
BFGH2

Tgt Ion:106 Resp: 1219
Ion Ratio Lower Upper
106 100
91 173.6 138.7 257.5



#64
1,3-Dichlorobenzene
Concen: 0.15 ug/L
RT: 11.188 min Scan# 3156
Delta R.T. 0.006 min
Lab File: VV022885.D
Acq: 18 Oct 2021 23:06

Tgt Ion:146 Resp: 2321
Ion Ratio Lower Upper
146 100
111 43.9 26.7 49.5
148 67.5 45.1 83.9

