

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101821\
 Data File : VV022889.D
 Acq On : 19 Oct 2021 00:42
 Operator : SY/MD
 Sample : M4137-04
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFGA3

Quant Time: Oct 19 04:08:41 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

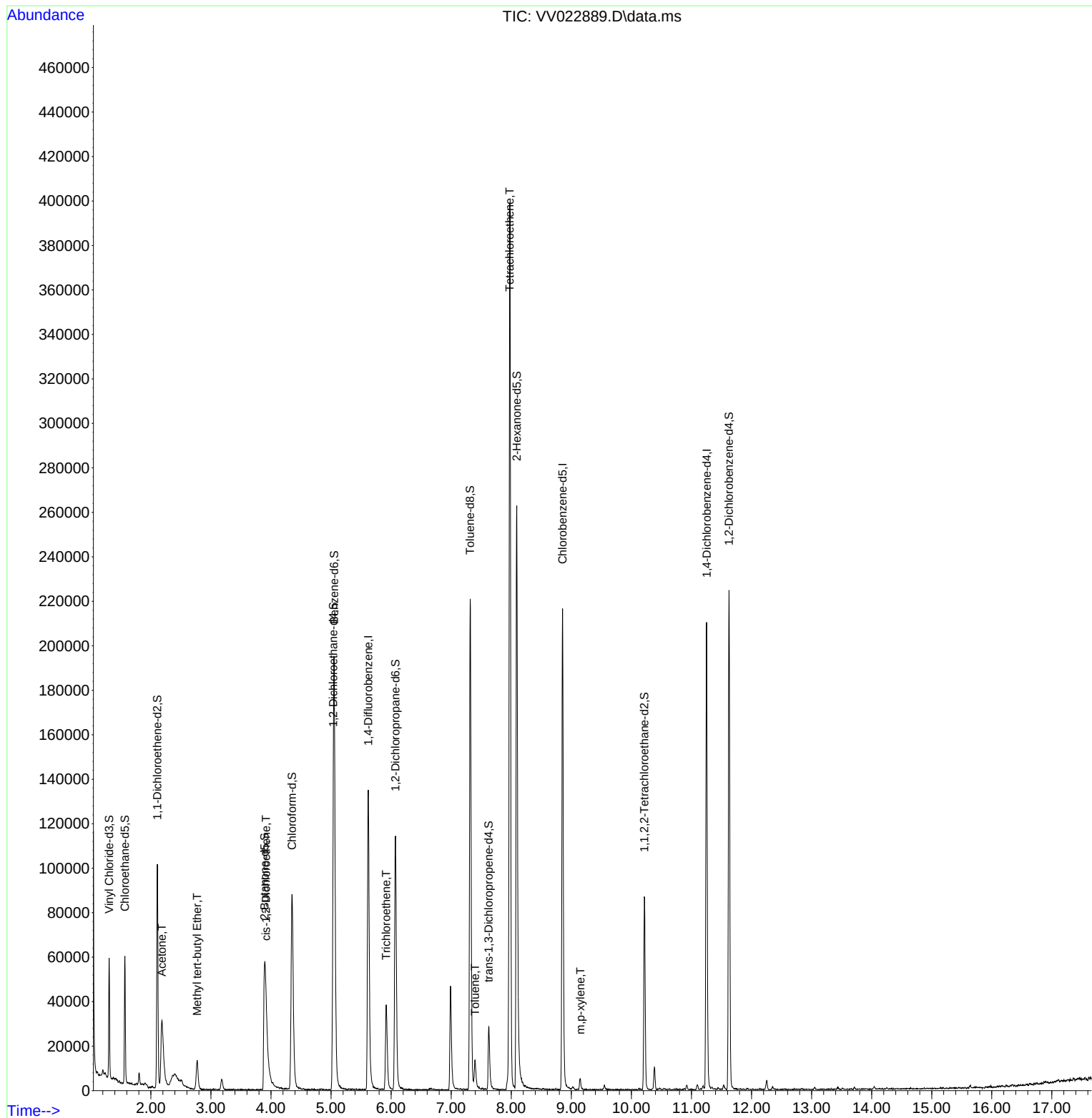
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	121273	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	122800	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.252	152	57585	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33986	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.568	69	34048	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.108	63	51443	3.14	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	62.80%
20) 2-Butanone-d5	3.892	46	110794	50.64	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.28%
24) Chloroform-d	4.349	84	92629	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.80%
26) 1,2-Dichloroethane-d4	5.037	65	42532	5.10	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.00%
32) Benzene-d6	5.053	84	175858	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.20%
36) 1,2-Dichloropropane-d6	6.072	67	57965	5.35	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.00%
41) Toluene-d8	7.316	98	147463	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloroprop...	7.625	79	16779	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.091	63	90703	62.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	125.34%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42371	5.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.60%
66) 1,2-Dichlorobenzene-d4	11.625	152	60847	5.70	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.00%
Target Compounds						
13) Acetone	2.182	43	59548	48.81	ug/L	# 44
17) Methyl tert-butyl Ether	2.770	73	13175	0.74	ug/L	99
22) cis-1,2-Dichloroethene	3.915	96	3997	0.48	ug/L	96
34) Trichloroethene	5.918	95	13331	1.48	ug/L	98
42) Toluene	7.397	91	9853	0.29	ug/L	96
47) Tetrachloroethene	7.976	164	91448	12.57	ug/L	99
53) m,p-xylene	9.149	106	1600	0.12	ug/L	68

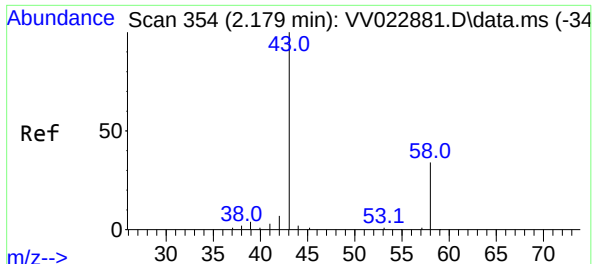
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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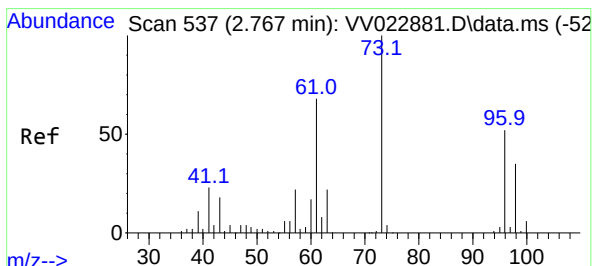
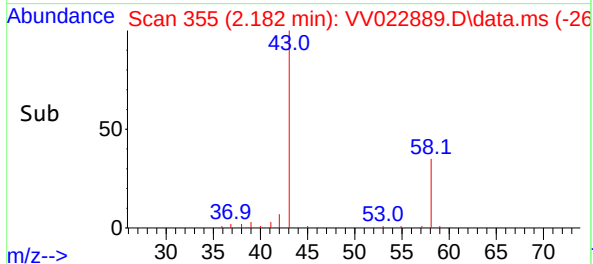
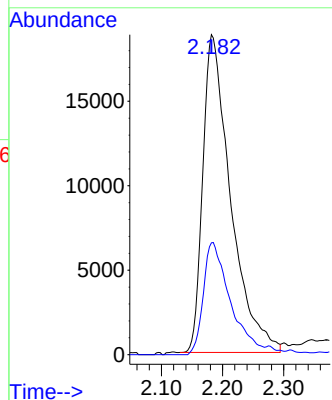
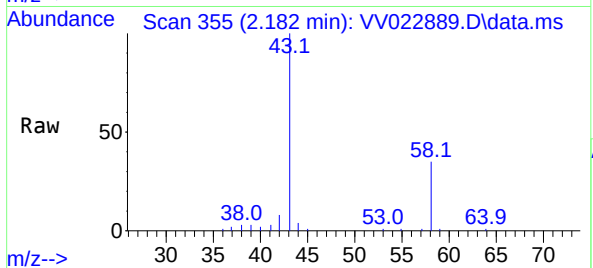




#13
Acetone
Concen: 48.81 ug/L
RT: 2.182 min Scan# 355
Delta R.T. 0.003 min
Lab File: VV022889.D
Acq: 19 Oct 2021 00:42

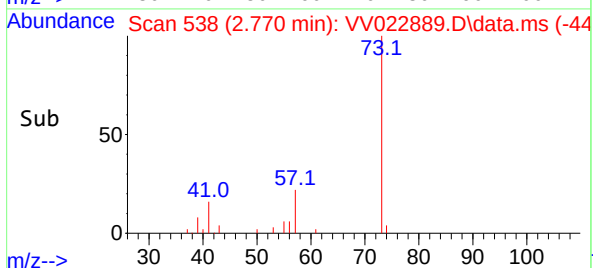
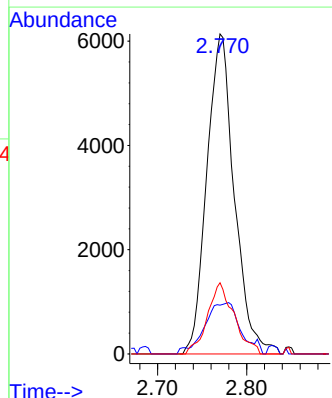
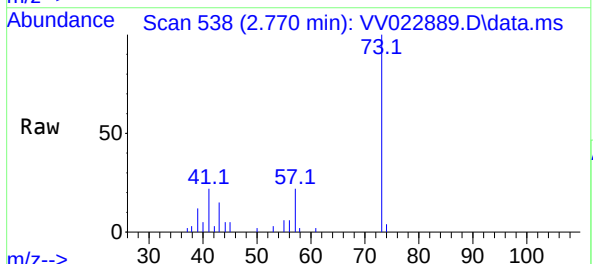
Instrument :
MSVOA_V
ClientSampleId :
BFGA3

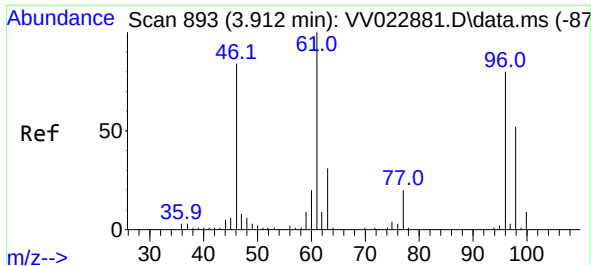
Tgt Ion: 43 Resp: 59548
Ion Ratio Lower Upper
43 100
58 34.1 0.0 24.2#



#17
Methyl tert-butyl Ether
Concen: 0.74 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV022889.D
Acq: 19 Oct 2021 00:42

Tgt Ion: 73 Resp: 13175
Ion Ratio Lower Upper
73 100
43 20.7 17.1 25.7
57 21.4 17.2 25.8



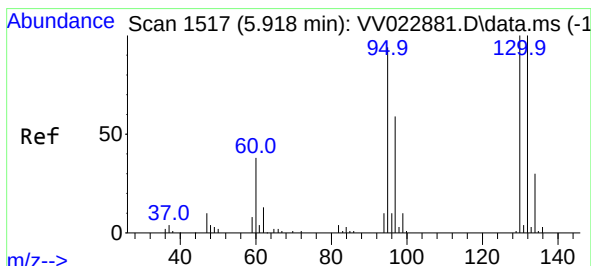
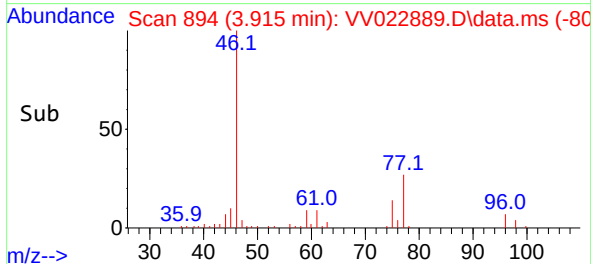
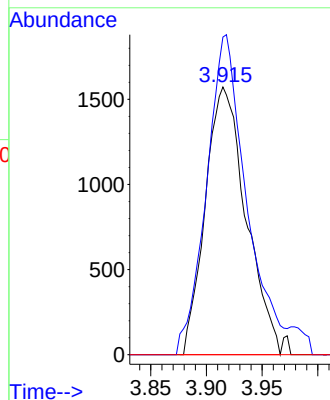
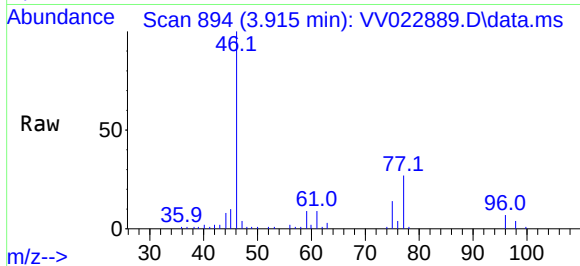


#22
cis-1,2-Dichloroethene
Concen: 0.48 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022889.D
Acq: 19 Oct 2021 00:42

Instrument :
MSVOA_V
ClientSampleId :
BFGA3

Tgt Ion: 96 Resp: 3997

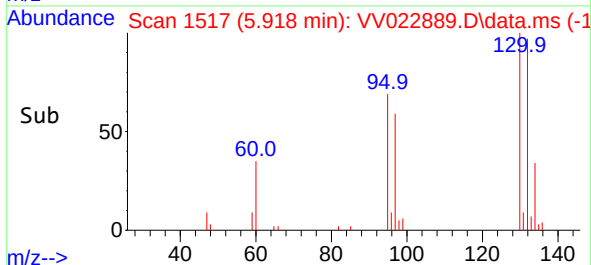
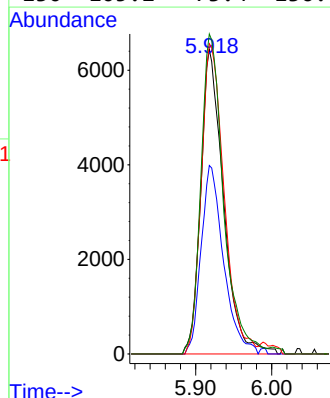
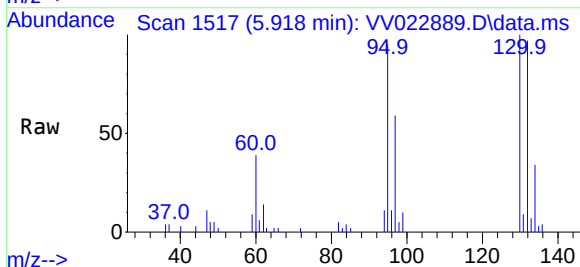
Ion	Ratio	Lower	Upper
96	100		
61	118.6	86.0	159.6
68	0.0	0.0	0.0

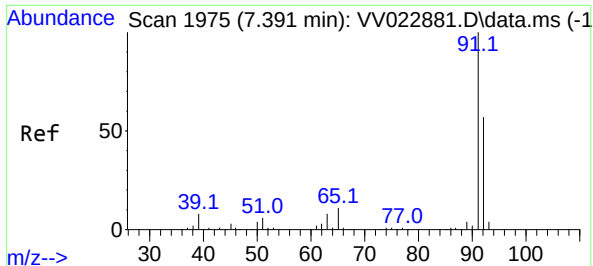


#34
Trichloroethene
Concen: 1.48 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. -0.000 min
Lab File: VV022889.D
Acq: 19 Oct 2021 00:42

Tgt Ion: 95 Resp: 13331

Ion	Ratio	Lower	Upper
95	100		
97	62.0	45.8	85.2
132	102.0	72.2	134.0
130	105.2	73.4	136.4





#42

Toluene

Concen: 0.29 ug/L

RT: 7.397 min Scan# 1977

Delta R.T. 0.006 min

Lab File: VV022889.D

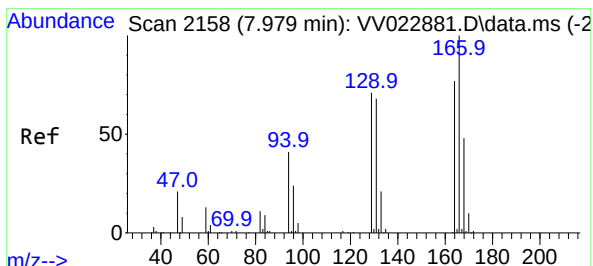
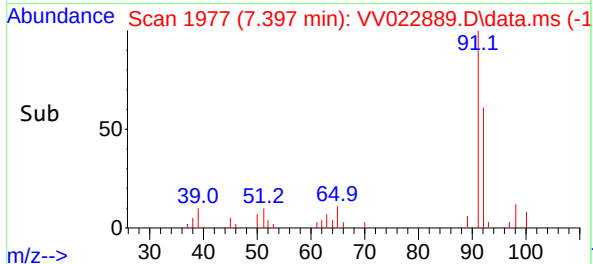
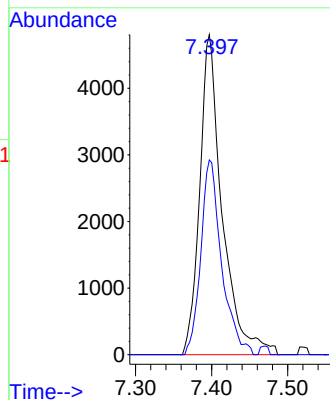
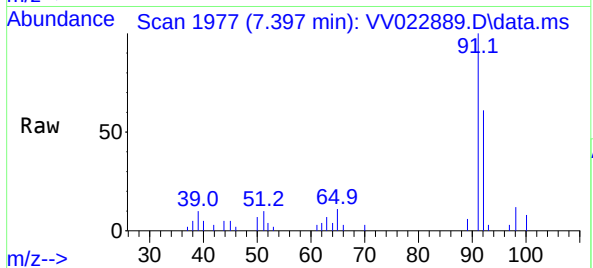
Acq: 19 Oct 2021 00:42

Tgt Ion: 91 Resp: 9853

Ion Ratio Lower Upper

91 100

92 60.9 40.7 75.7



#47

Tetrachloroethene

Concen: 12.57 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

Lab File: VV022889.D

Acq: 19 Oct 2021 00:42

Tgt Ion: 164 Resp: 91448

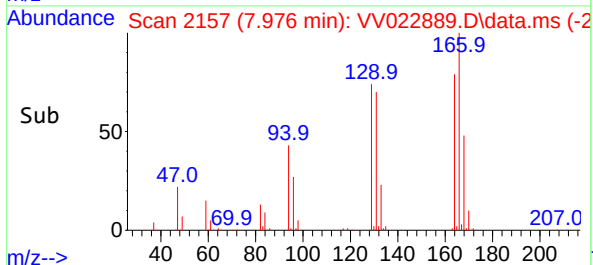
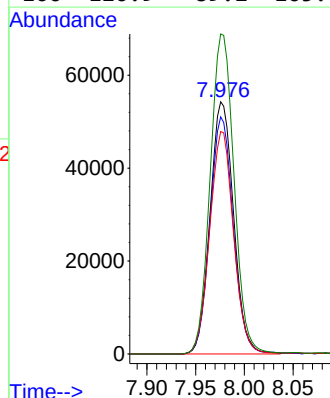
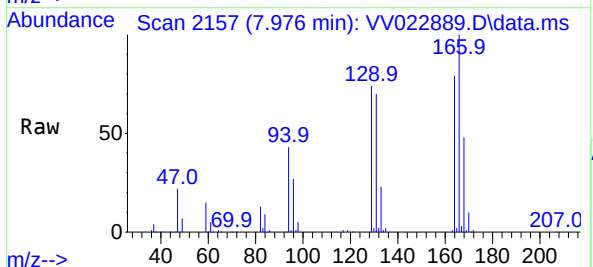
Ion Ratio Lower Upper

164 100

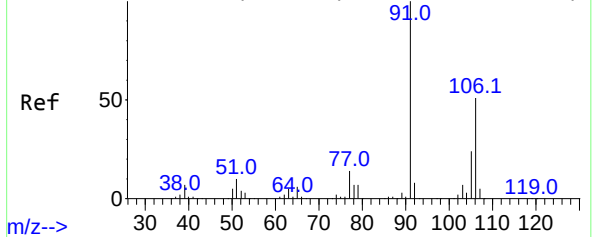
129 94.0 65.0 120.6

131 88.2 62.2 115.4

166 126.9 89.2 165.8



Abundance Scan 2519 (9.140 min): VV022881.D\data.ms (-2



#53
m,p-xylene
Concen: 0.12 ug/L
RT: 9.149 min Scan# 2522
Delta R.T. 0.009 min
Lab File: VV022889.D
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Tgt Ion:106 Resp: 1600
Ion Ratio Lower Upper
106 100
91 246.7 138.7 257.5

