

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW101821\
 Data File : VW022887.D
 Acq On : 18 Oct 2021 23:54
 Operator : SY/MD
 Sample : M4137-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFG91

Quant Time: Oct 19 04:08:24 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

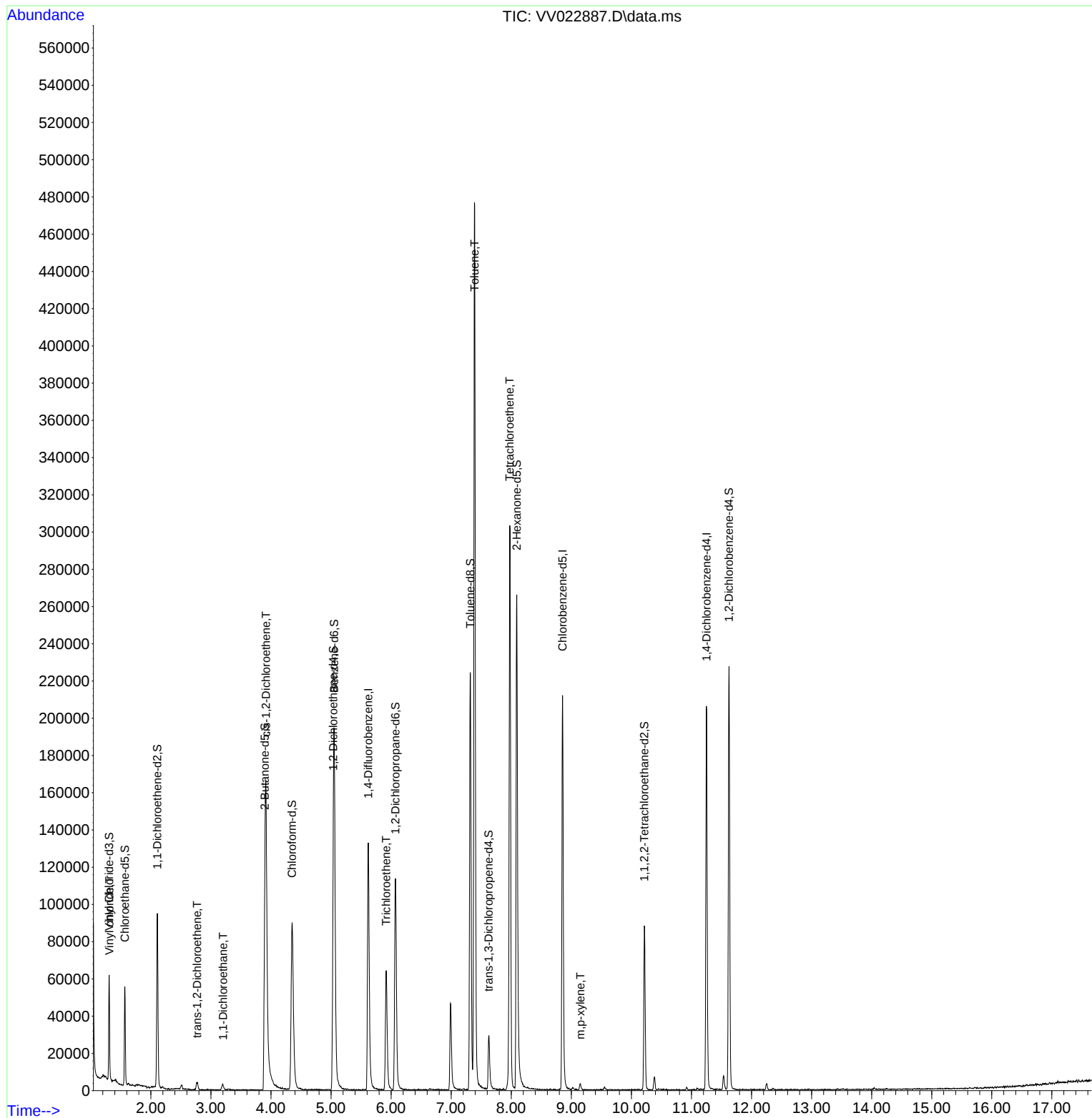
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	119615	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	122105	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	57479	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	33610	4.08	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.60%
7) Chloroethane-d5	1.568	69	32561	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.108	63	48527	3.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.20%
20) 2-Butanone-d5	3.899	46	113345	52.53	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.06%
24) Chloroform-d	4.352	84	92877	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	109.60%
26) 1,2-Dichloroethane-d4	5.037	65	44011	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.00%
32) Benzene-d6	5.053	84	180437	4.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.20%
36) 1,2-Dichloropropane-d6	6.072	67	58506	5.43	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.60%
41) Toluene-d8	7.317	98	149903	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloroprop...	7.625	79	18086	5.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.20%
46) 2-Hexanone-d5	8.091	63	93218	64.78	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	129.56%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	42225	5.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	115.80%
66) 1,2-Dichlorobenzene-d4	11.625	152	61011	5.72	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.40%
Target Compounds						
5) Vinyl chloride	1.310	62	1627	0.18	ug/L	# 24
18) trans-1,2-Dichloroethene	2.770	96	1273	0.16	ug/L	90
19) 1,1-Dichloroethane	3.201	63	3569	0.25	ug/L	88
22) cis-1,2-Dichloroethene	3.915	96	73729	8.94	ug/L	94
34) Trichloroethene	5.918	95	22710	2.54	ug/L	94
42) Toluene	7.390	91	347684	10.41	ug/L	100
47) Tetrachloroethene	7.976	164	69302	9.58	ug/L	99
53) m,p-xylene	9.149	106	1250	0.09	ug/L	88

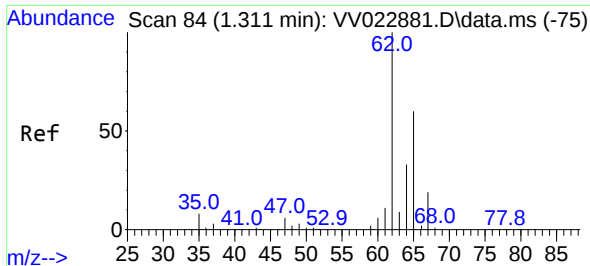
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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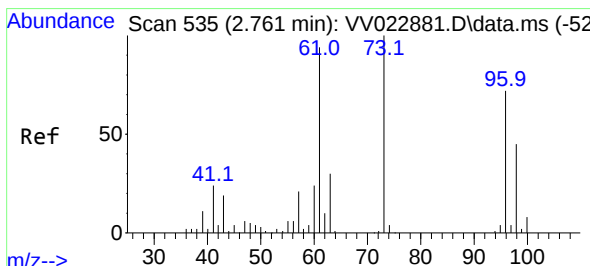
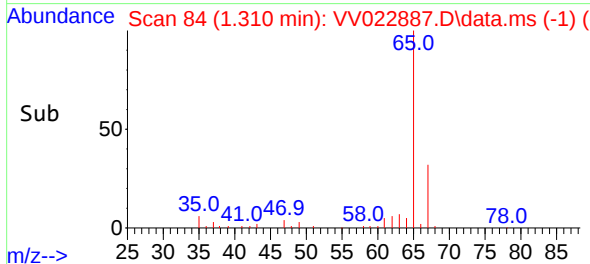
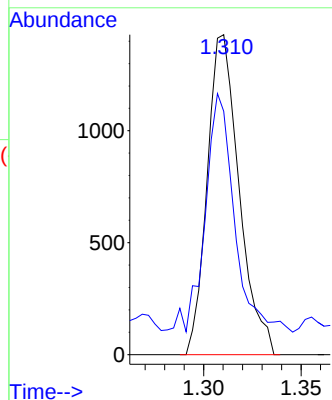
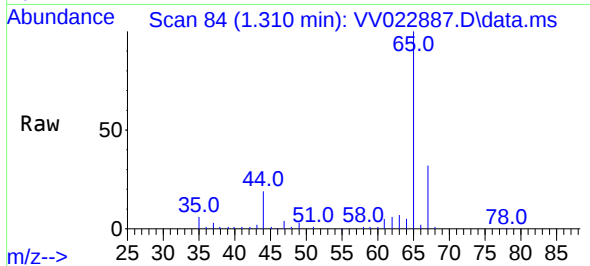




#5
 Vinyl chloride
 Concen: 0.18 ug/L
 RT: 1.310 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: VV022887.D
 Acq: 18 Oct 2021 23:54

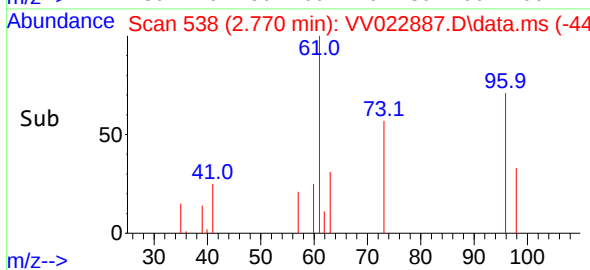
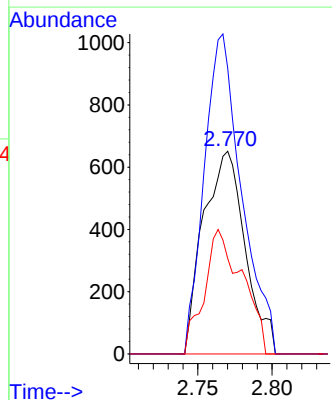
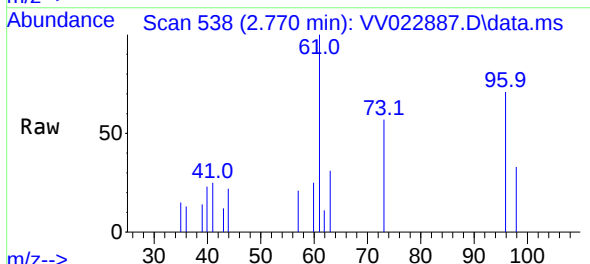
Instrument :
 MSVOA_V
 ClientSampleId :
 BFG91

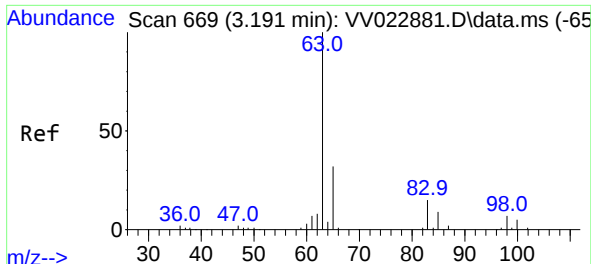
Tgt Ion: 62 Resp: 1627
 Ion Ratio Lower Upper
 62 100
 64 76.1 23.0 42.8#



#18
 trans-1,2-Dichloroethene
 Concen: 0.16 ug/L
 RT: 2.770 min Scan# 538
 Delta R.T. 0.009 min
 Lab File: VV022887.D
 Acq: 18 Oct 2021 23:54

Tgt Ion: 96 Resp: 1273
 Ion Ratio Lower Upper
 96 100
 61 141.0 94.5 175.5
 98 47.2 44.2 82.0



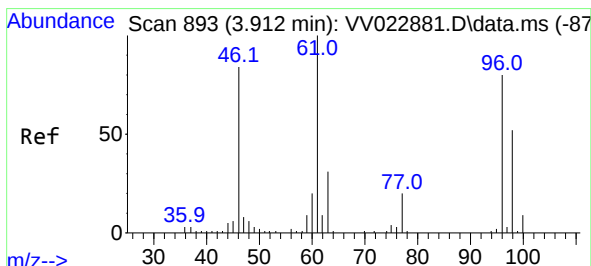
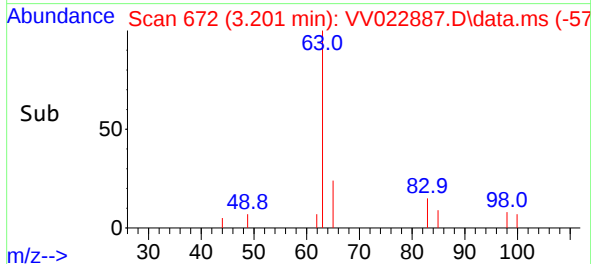
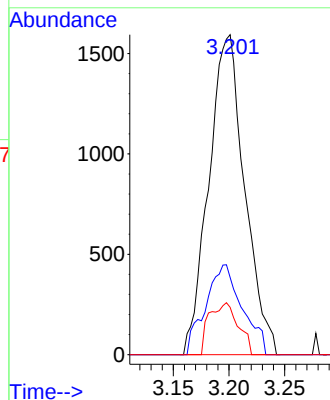
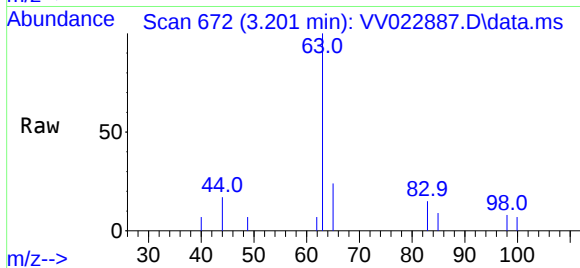


#19
1,1-Dichloroethane
Concen: 0.25 ug/L
RT: 3.201 min Scan# 672
Delta R.T. 0.009 min
Lab File: VV022887.D
Acq: 18 Oct 2021 23:54

Instrument :
MSVOA_V
ClientSampleId :
BFG91

Tgt Ion: 63 Resp: 3569

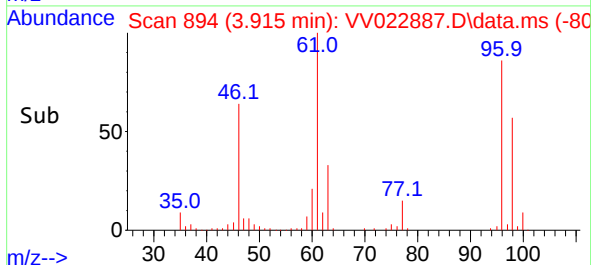
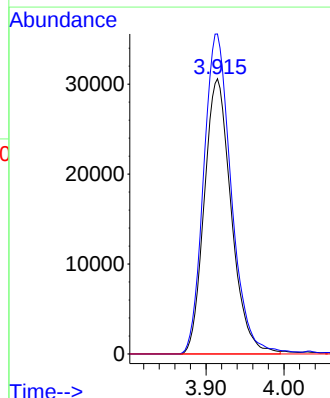
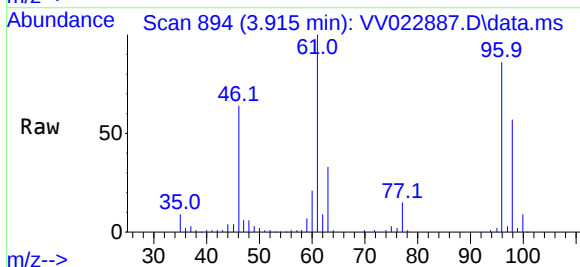
Ion	Ratio	Lower	Upper
63	100		
65	24.2	23.5	43.7
83	14.8	10.1	18.7

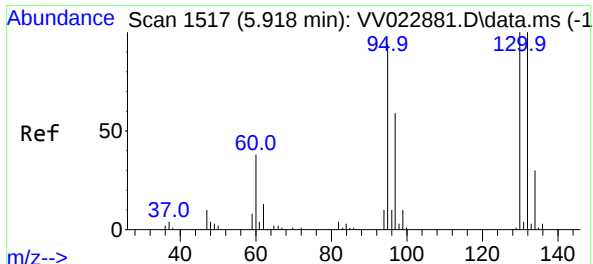


#22
cis-1,2-Dichloroethene
Concen: 8.94 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.003 min
Lab File: VV022887.D
Acq: 18 Oct 2021 23:54

Tgt Ion: 96 Resp: 73729

Ion	Ratio	Lower	Upper
96	100		
61	116.3	86.0	159.6
68	0.0	0.0	0.0





#34

Trichloroethene

Concen: 2.54 ug/L

RT: 5.918 min Scan# 1517

Delta R.T. -0.000 min

Lab File: VV022887.D

Acq: 18 Oct 2021 23:54

Tgt Ion: 95 Resp: 22710

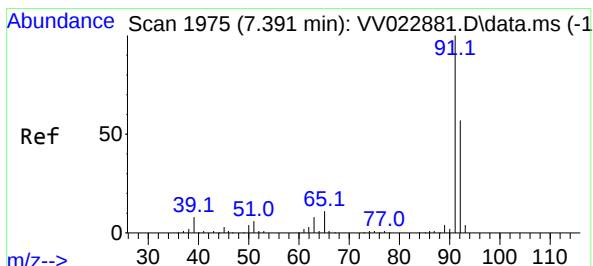
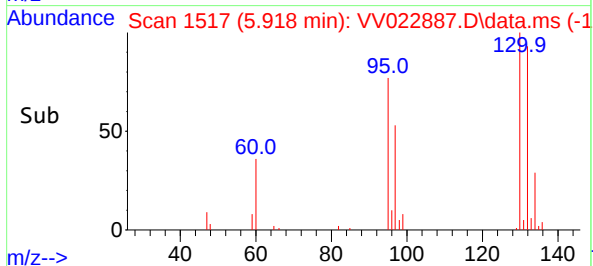
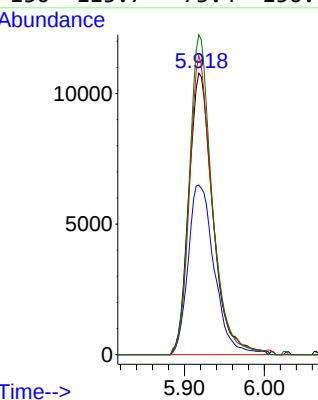
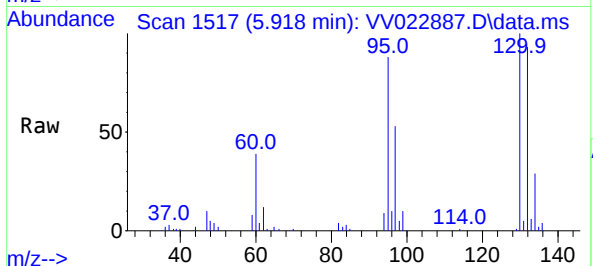
Ion Ratio Lower Upper

95 100

97 60.2 45.8 85.2

132 106.2 72.2 134.0

130 113.7 73.4 136.4



#42

Toluene

Concen: 10.41 ug/L

RT: 7.390 min Scan# 1975

Delta R.T. -0.000 min

Lab File: VV022887.D

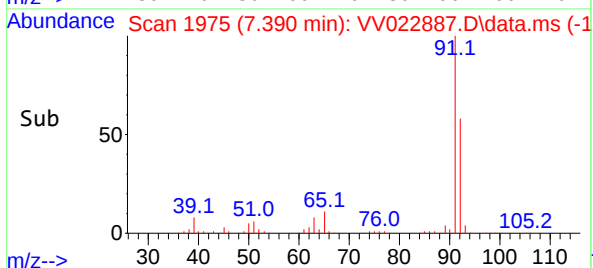
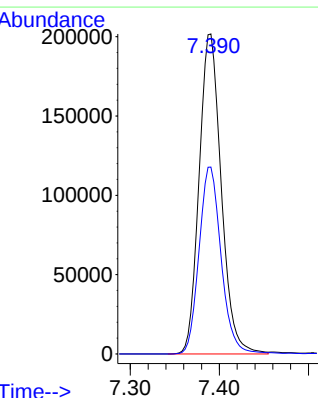
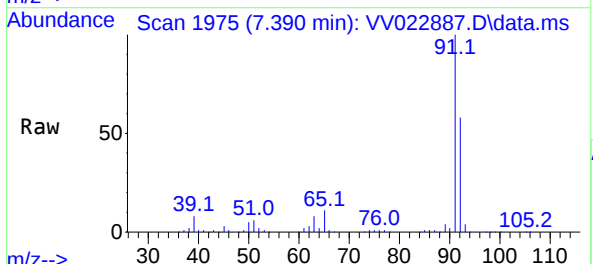
Acq: 18 Oct 2021 23:54

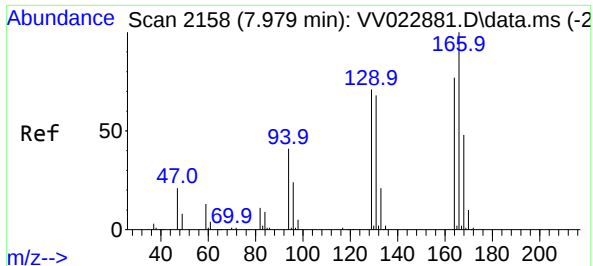
Tgt Ion: 91 Resp: 347684

Ion Ratio Lower Upper

91 100

92 58.4 40.7 75.7





#47

Tetrachloroethene

Concen: 9.58 ug/L

RT: 7.976 min Scan# 2157

Delta R.T. -0.003 min

Lab File: VV022887.D

Acq: 18 Oct 2021 23:54

Tgt Ion:164 Resp: 69302

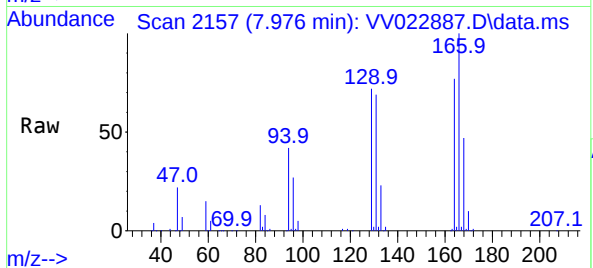
Ion Ratio Lower Upper

164 100

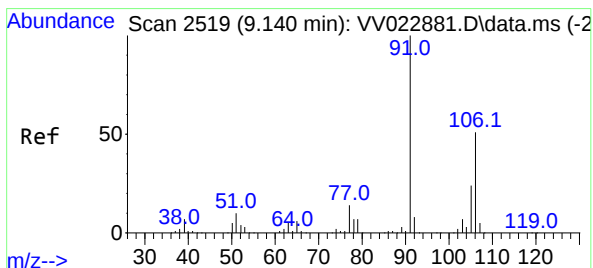
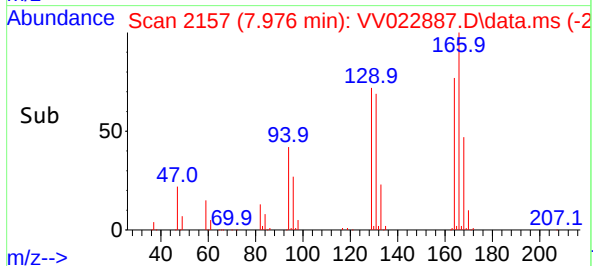
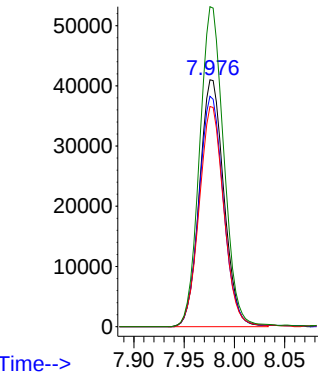
129 93.3 65.0 120.6

131 89.2 62.2 115.4

166 129.6 89.2 165.8



Abundance



#53

m,p-xylene

Concen: 0.09 ug/L

RT: 9.149 min Scan# 2522

Delta R.T. 0.009 min

Lab File: VV022887.D

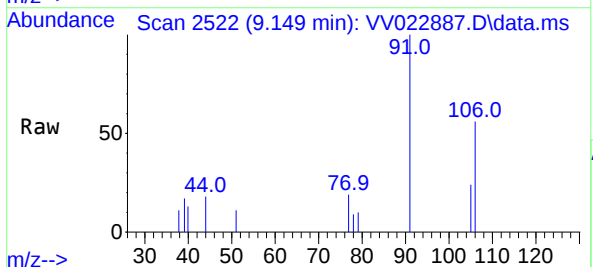
Acq: 18 Oct 2021 23:54

Tgt Ion:106 Resp: 1250

Ion Ratio Lower Upper

106 100

91 179.5 138.7 257.5



Abundance

