Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV090122\
Data File : VV027724.D
Acq On : 02 Sep 2022 15:47
Operator : SY/MD
Sample : N4404-18
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBVD9

Quant Time: Sep 03 05:33:34 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR083122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Sep 03 05:30:57 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	121945	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	120379	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	55363	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	58488	4.415	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.200%			
7) Chloroethane-d5	1.568	69	53972	4.869	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.400%			
11) 1,1-Dichloroethene-d2	2.104	63	91608	3.533	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.600%			
20) 2-Butanone-d5	3.905	46	59431	26.534	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 53.060%			
24) Chloroform-d	4.346	84	119524	4.494	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.800%			
26) 1,2-Dichloroethane-d4	5.030	65	57482	4.825	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.400%			
32) Benzene-d6	5.047	84	220482	4.471	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.400%			
36) 1,2-Dichloropropane-d6	6.066	67	66113	4.335	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 86.600%			
41) Toluene-d8	7.313	98	178086	4.170	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.400%			
43) trans-1,3-Dichloroprop...	7.622	79	19021	4.048	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.000%			
46) 2-Hexanone-d5	8.091	63	80052	45.306	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 90.620%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	41551	4.233	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.600%			
66) 1,2-Dichlorobenzene-d4	11.622	152	65181	5.259	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	17653	1.165	ug/L	89
22) cis-1,2-Dichloroethene	3.908	96	24949	2.167	ug/L	93
47) Tetrachloroethene	7.976	164	775	0.083	ug/L	93
53) m,p-Xylene	9.149	106	3120	0.171	ug/L	90

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

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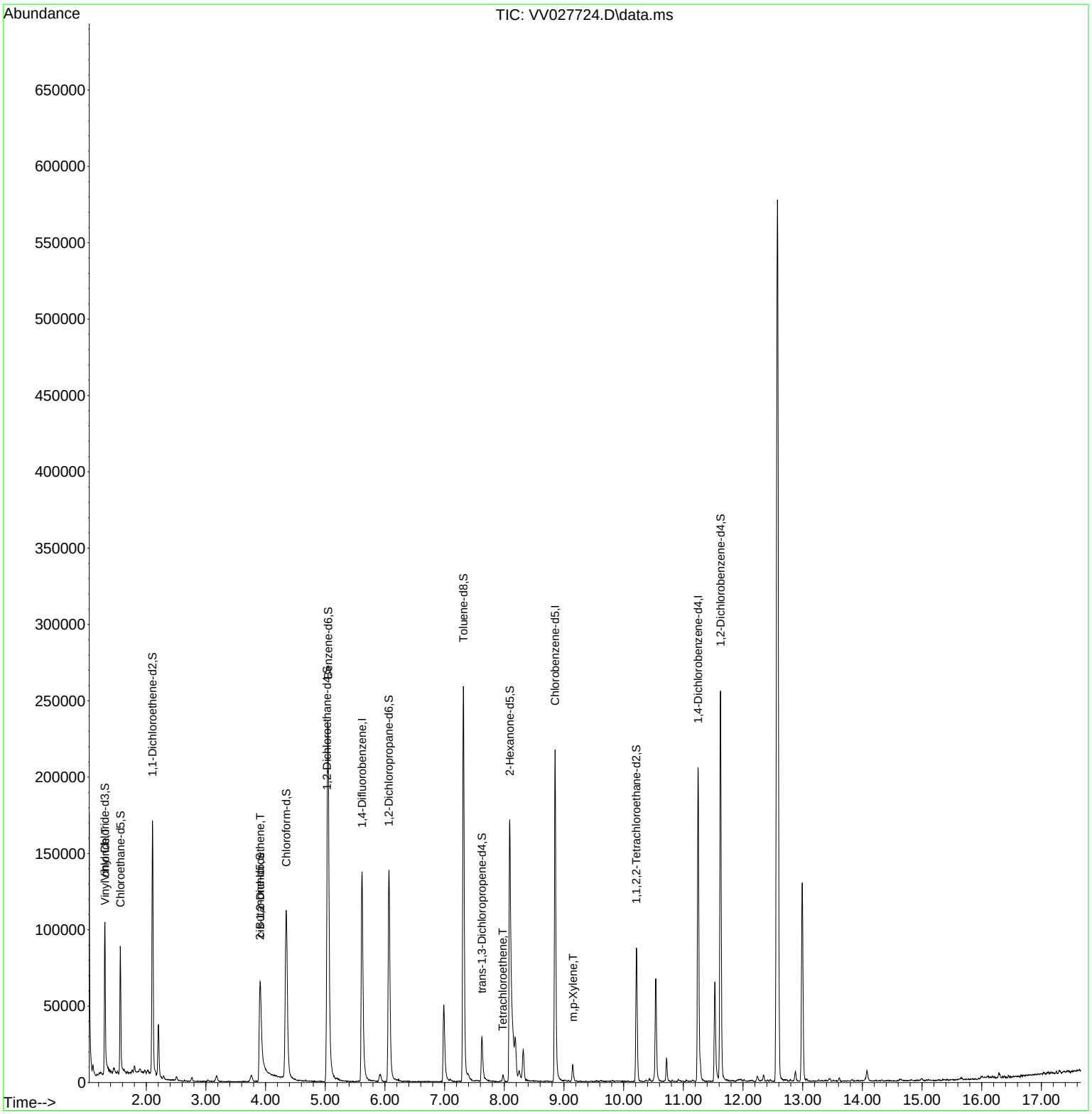
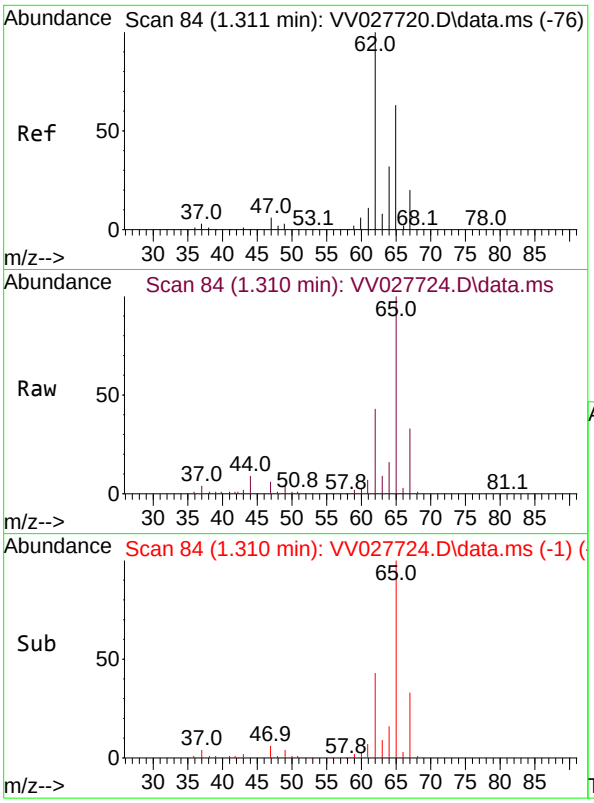


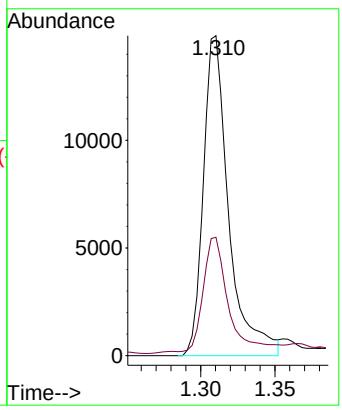


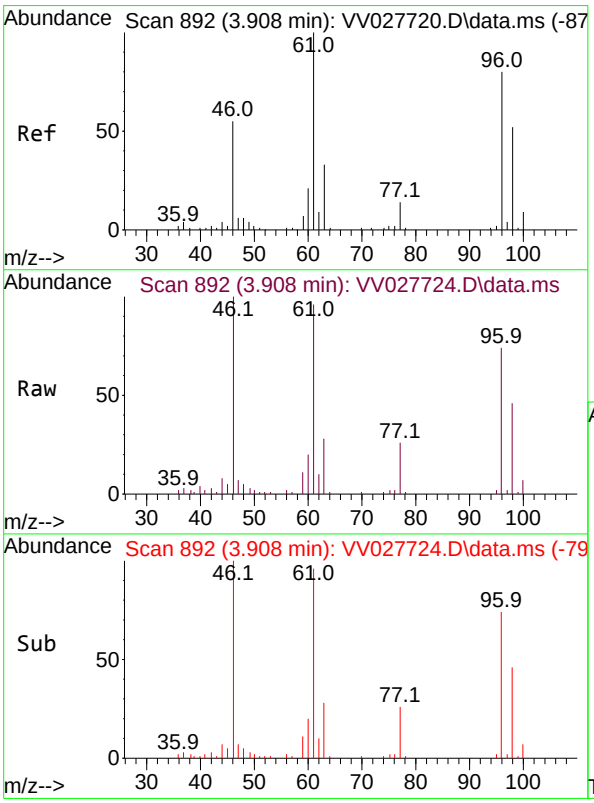
#5
Vinyl chloride
Concen: 1.165 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV027724.D
Acq: 02 Sep 2022 15:47

Instrument :
MSVOA_V
ClientSampleId :
DBVD9

Tgt Ion: 62 Resp: 17653

Ion	Ratio	Lower	Upper
62	100		
64	37.0	21.8	40.4

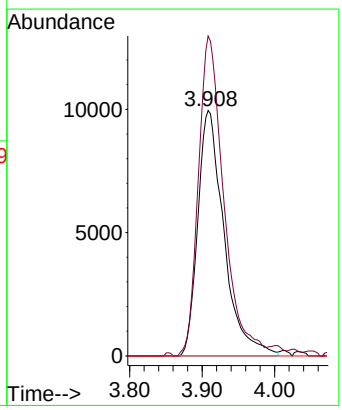


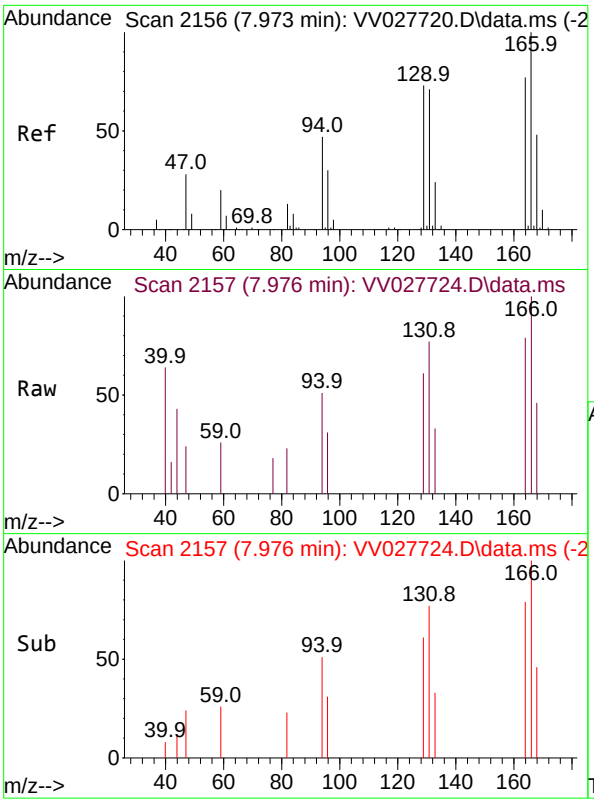


#22
cis-1,2-Dichloroethene
Concen: 2.167 ug/L
RT: 3.908 min Scan# 892
Delta R.T. -0.000 min
Lab File: VV027724.D
Acq: 02 Sep 2022 15:47

Tgt Ion: 96 Resp: 24949

Ion	Ratio	Lower	Upper
96	100		
61	130.4	96.9	180.1
68	0.0	0.0	0.0



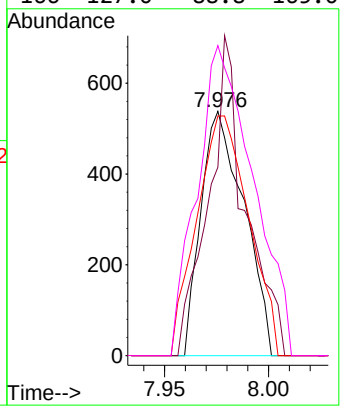


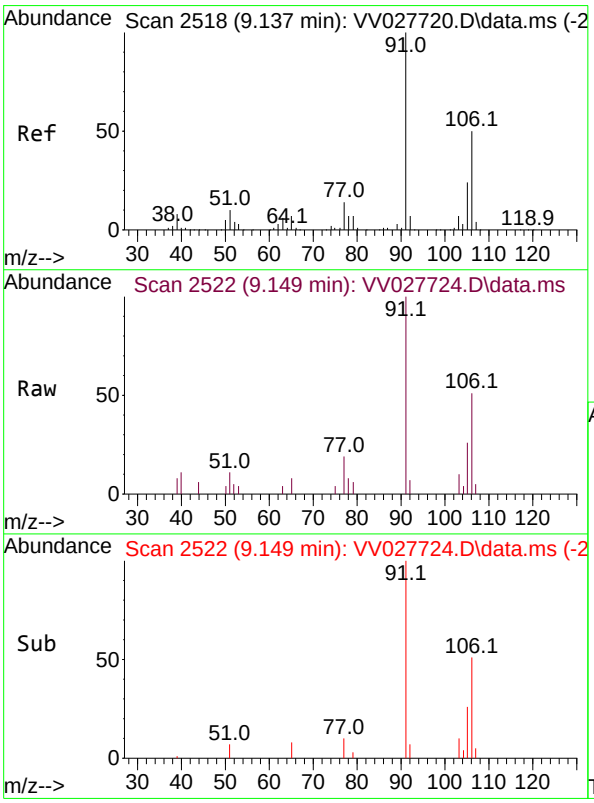
#47
Tetrachloroethene
Concen: 0.083 ug/L
RT: 7.976 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV027724.D
Acq: 02 Sep 2022 15:47

Instrument :
MSVOA_V
ClientSampleId :
DBVD9

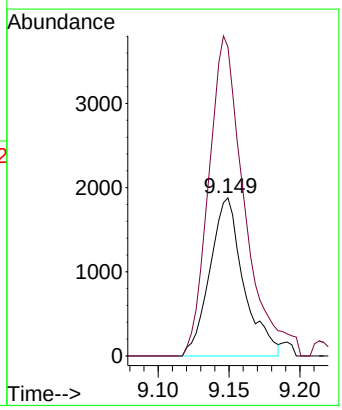
Tgt Ion:164 Resp: 775

Ion	Ratio	Lower	Upper
164	100		
129	77.1	65.9	122.3
131	98.1	64.5	119.7
166	127.0	88.8	165.0





#53
m,p-Xylene
Concen: 0.171 ug/L
RT: 9.149 min Scan# 2522
Delta R.T. 0.013 min
Lab File: VV027724.D
Acq: 02 Sep 2022 15:47

Tgt Ion:106 Resp: 3120

Ion	Ratio	Lower	Upper
106	100		
91	195.4	147.3	273.5