Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061722\
Data File : VV026385.D
Acq On : 17 Jun 2022 16:36
Operator : SY/MD
Sample : N3318-08 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BGJ62

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/18/2022
Supervised By :Mahesh Dadoda 06/20/2022

Quant Time: Jun 18 00:05:56 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Jun 18 00:00:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.629	114	173942	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	165662	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69240	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.323	65	55515	3.675	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.400%			
7) Chloroethane-d5	1.584	69	50140	4.221	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.400%			
11) 1,1-Dichloroethene-d2	2.124	63	81889	3.156	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.200%			
20) 2-Butanone-d5	3.934	46	76310	51.764	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.520%			
24) Chloroform-d	4.368	84	107019	4.833	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.600%			
26) 1,2-Dichloroethane-d4	5.050	65	44283	4.727	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.600%			
32) Benzene-d6	5.063	84	193437	4.368	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.400%			
36) 1,2-Dichloropropane-d6	6.082	67	62136	4.807	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.200%			
41) Toluene-d8	7.323	98	153452	3.800	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.000%			
43) trans-1,3-Dichloroprop...	7.632	79	11732	2.799	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 56.000%			
46) 2-Hexanone-d5	8.095	63	54635	43.150	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.300%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39864	5.006	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.200%			
66) 1,2-Dichlorobenzene-d4	11.625	152	51559	4.834	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 96.600%			
Target Compounds						Qvalue
13) Acetone	2.217	43	14745m	12.906	ug/L	
14) Carbon disulfide	2.311	76	11807	0.436	ug/L #	92
16) Methylene chloride	2.529	84	4832	0.345	ug/L	96
18) trans-1,2-Dichloroethene	2.780	96	2681	0.252	ug/L	97
19) 1,1-Dichloroethane	3.211	63	92554	4.554	ug/L	98
22) cis-1,2-Dichloroethene	3.934	96	1154	0.107	ug/L	88
33) Benzene	5.114	78	2337	0.055	ug/L	100
47) Tetrachloroethene	7.989	164	549	0.064	ug/L	78

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

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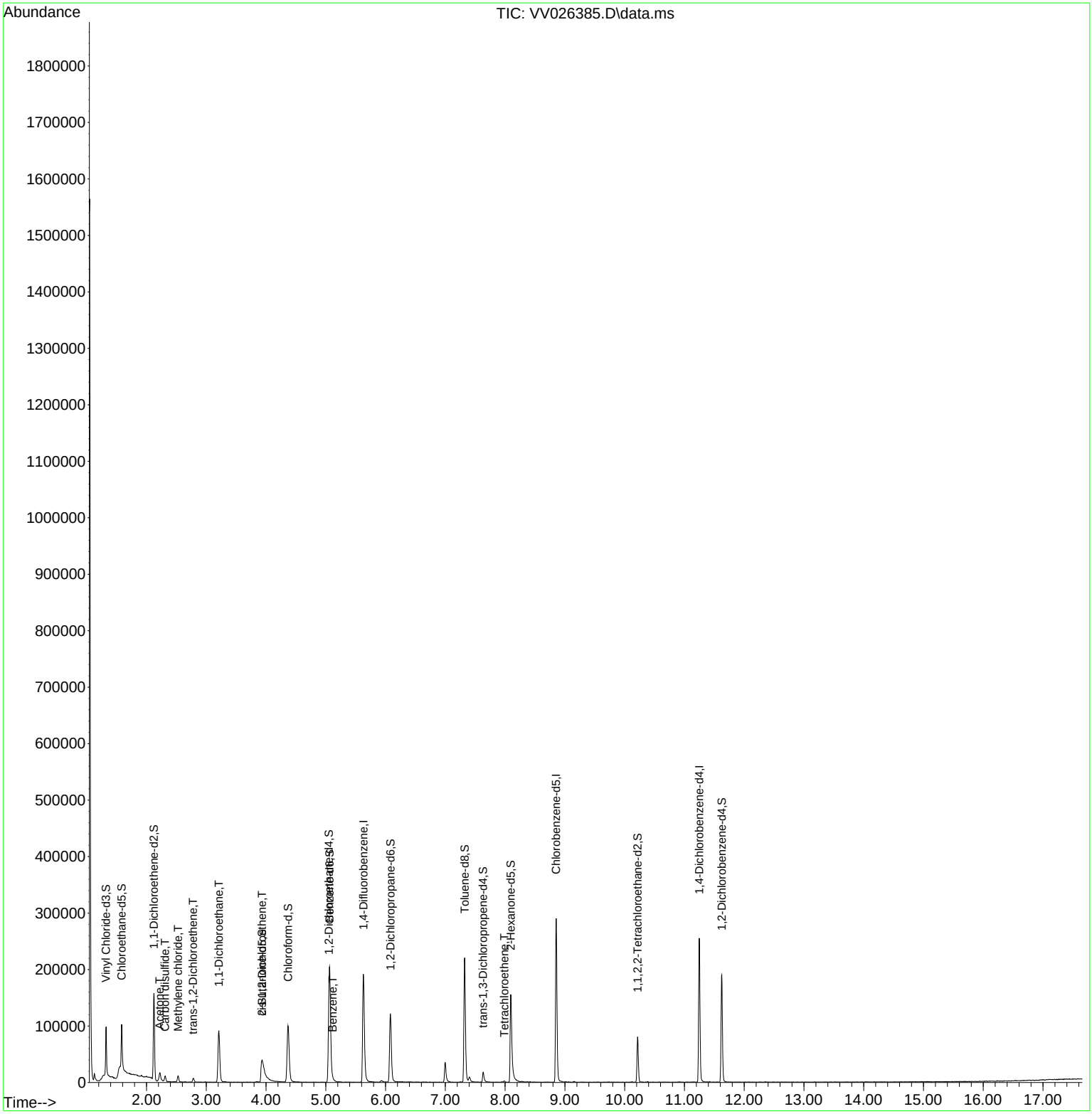
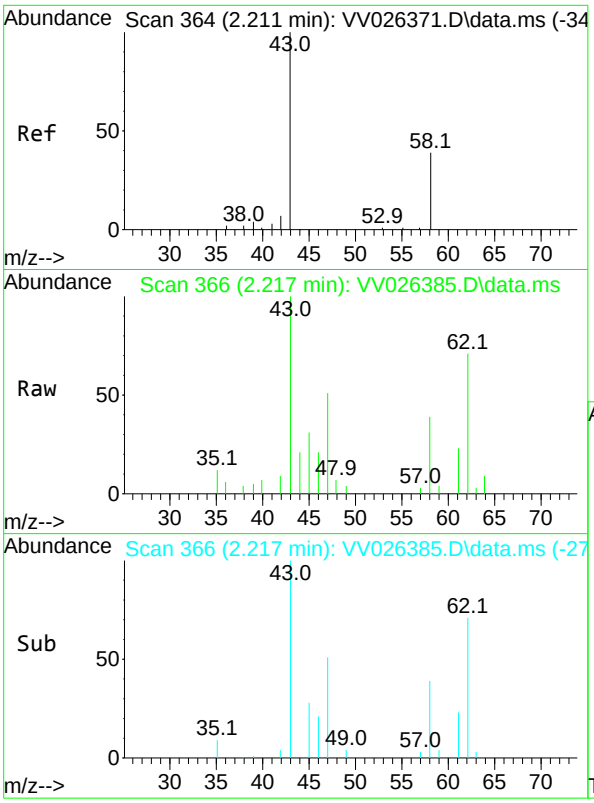
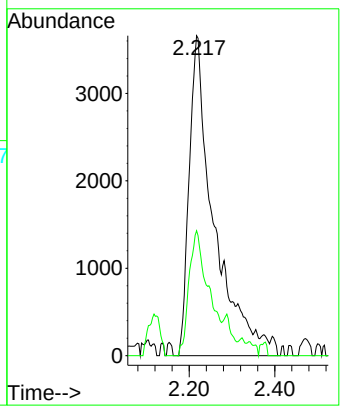




#13
Acetone
Concen: 12.906 ug/L m
RT: 2.217 min Scan# 3
Delta R.T. 0.007 min
Lab File: VV026385.D
Acq: 17 Jun 2022 16:36

Tgt Ion: 43 Resp: 1474

Ion	Ratio	Lower	Upper
43	100		
58	30.5	0.0	60.0



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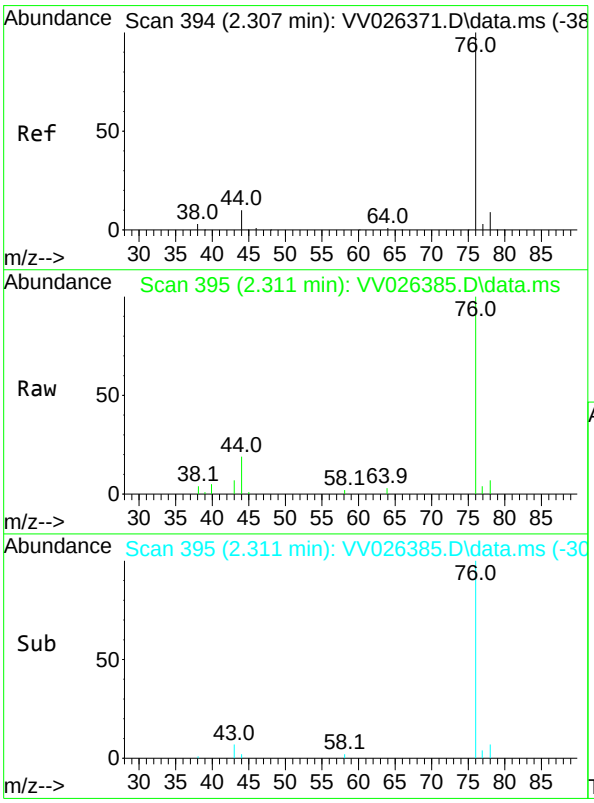
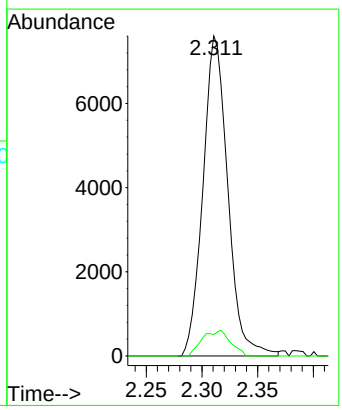
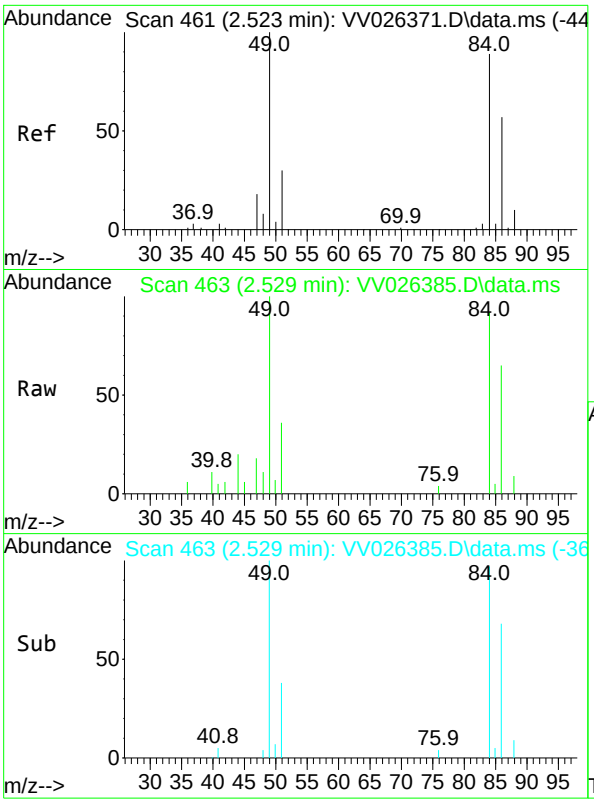


#14
Carbon disulfide
Concen: 0.436 ug/L
RT: 2.311 min Scan# 395
Delta R.T. 0.003 min
Lab File: VV026385.D
Acq: 17 Jun 2022 16:36

Tgt Ion: 76 Resp: 11807

Ion	Ratio	Lower	Upper
76	100		
78	6.7	7.7	11.5#

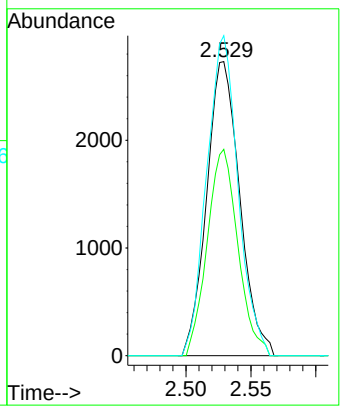




#16
Methylene chloride
Concen: 0.345 ug/L
RT: 2.529 min Scan# 4
Delta R.T. 0.007 min
Lab File: VV026385.D
Acq: 17 Jun 2022 16:36

Tgt Ion: 84 Resp: 483

Ion	Ratio	Lower	Upper
84	100		
86	70.2	44.0	81.8
49	108.8	77.3	143.7



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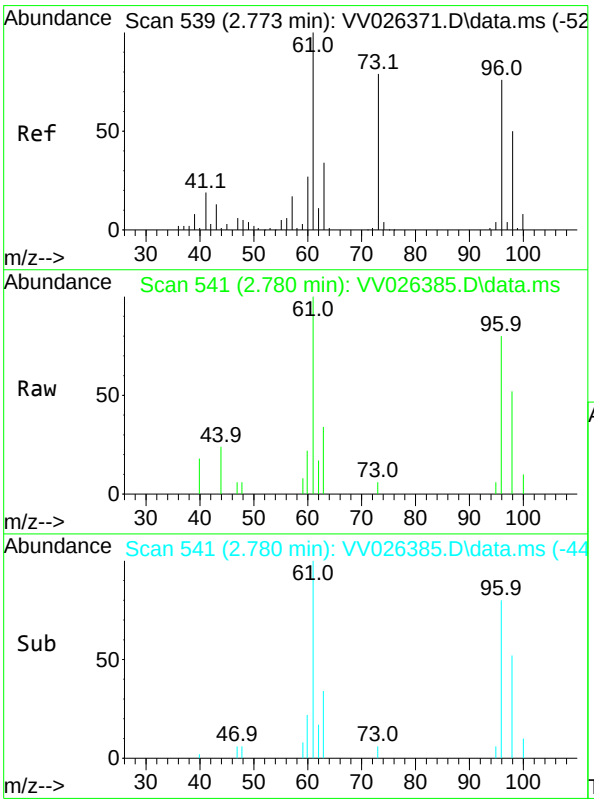
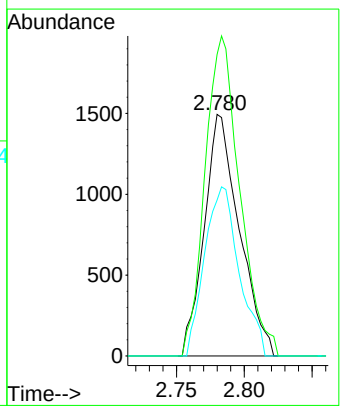
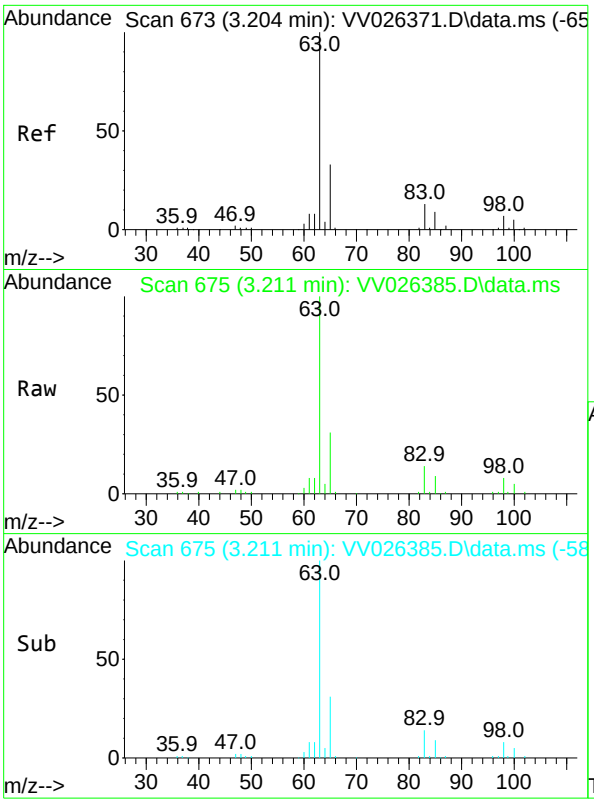


#18
trans-1,2-Dichloroethene
Concen: 0.252 ug/L
RT: 2.780 min Scan# 541
Delta R.T. 0.007 min
Lab File: VV026385.D
Acq: 17 Jun 2022 16:36

Tgt Ion: 96 Resp: 2681

Ion	Ratio	Lower	Upper
96	100		
61	124.8	91.3	169.6
98	64.5	45.3	84.1

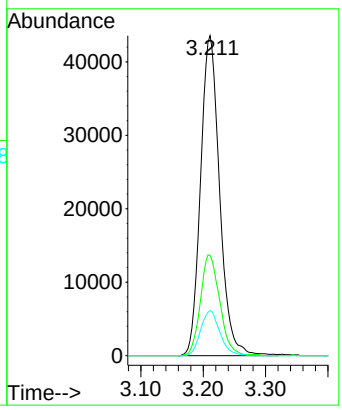




#19
1,1-Dichloroethane
Concen: 4.554 ug/L
RT: 3.211 min Scan# 6
Delta R.T. 0.007 min
Lab File: VV026385.D
Acq: 17 Jun 2022 16:36

Tgt Ion: 63 Resp: 9255

Ion	Ratio	Lower	Upper
63	100		
65	31.4	22.3	41.3
83	14.1	8.9	16.5



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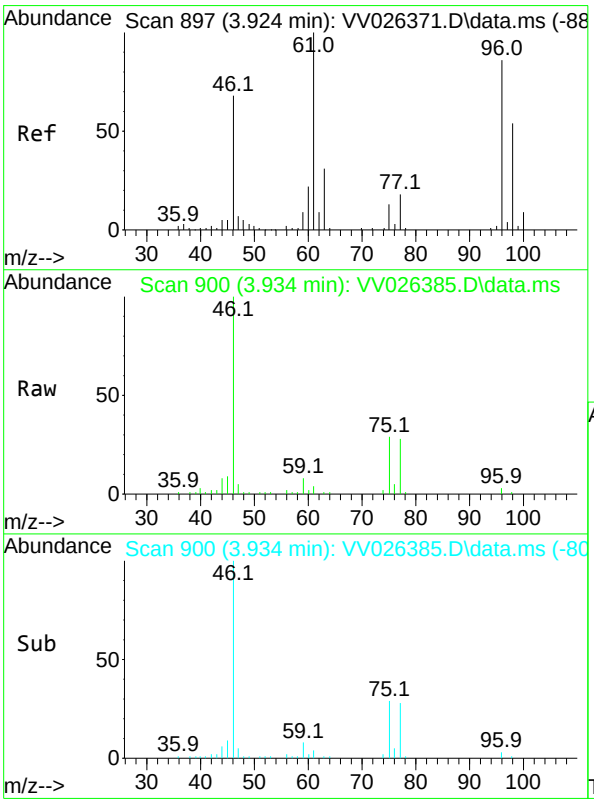
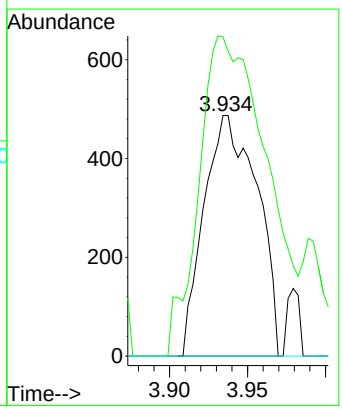
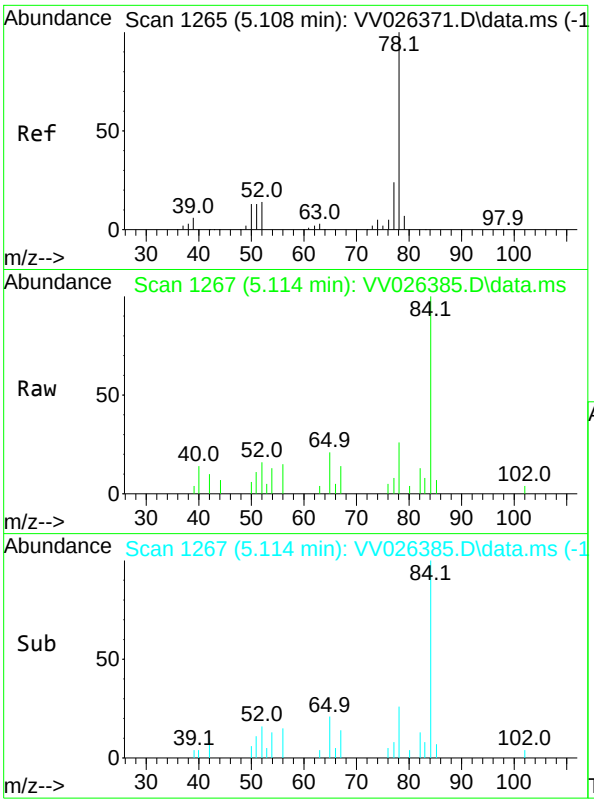


#22
cis-1,2-Dichloroethene
Concen: 0.107 ug/L
RT: 3.934 min Scan# 900
Delta R.T. 0.010 min
Lab File: VV026385.D
Acq: 17 Jun 2022 16:36

Tgt Ion: 96 Resp: 1154

Ion	Ratio	Lower	Upper
96	100		
61	132.6	83.6	155.2
68	0.0	0.0	0.0





#33
Benzene
Concen: 0.055 ug/L
RT: 5.114 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV026385.D
Acq: 17 Jun 2022 16:36

Tgt Ion: 78 Resp: 233

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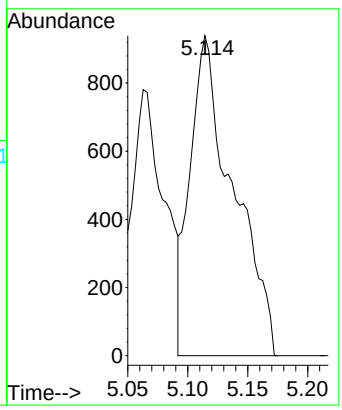

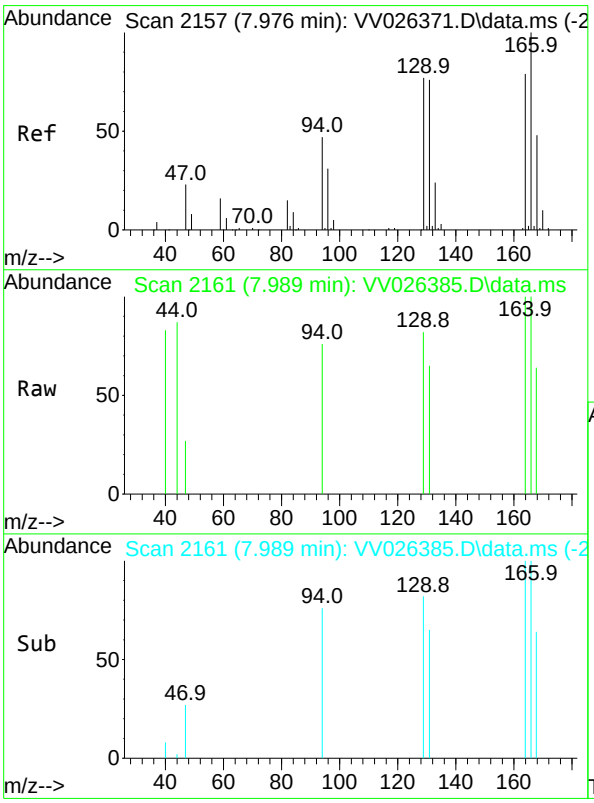

#47
Tetrachloroethene
Concen: 0.064 ug/L
RT: 7.989 min Scan# 2161
Delta R.T. 0.013 min
Lab File: VV026385.D
Acq: 17 Jun 2022 16:36

Tgt Ion:164 Resp: 549

Ion	Ratio	Lower	Upper
164	100		
129	82.5	67.5	125.3
131	65.3	63.8	118.4
166	100.3	89.5	166.3