Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
Data File : VV028210.D
Acq On : 30 Sep 2022 00:57
Operator : SY/MD
Sample : N4870-09
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5H46

Quant Time: Sep 30 01:51:37 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092222WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Sep 29 01:25:35 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	170870	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	174296	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	85309	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	65186	3.680	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.600%			
7) Chloroethane-d5	1.561	69	54306	3.856	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.200%			
11) 1,1-Dichloroethene-d2	2.101	63	89976	2.928	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.600%#			
20) 2-Butanone-d5	3.892	46	123448	41.278	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 82.560%			
24) Chloroform-d	4.343	84	119523	4.228	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.600%			
26) 1,2-Dichloroethane-d4	5.027	65	55151	4.100	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.000%			
32) Benzene-d6	5.043	84	231648	4.053	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.000%			
36) 1,2-Dichloropropane-d6	6.063	67	69422	3.896	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 78.000%			
41) Toluene-d8	7.310	98	196642	3.801	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.000%			
43) trans-1,3-Dichloroprop...	7.622	79	18863	2.931	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 58.600%			
46) 2-Hexanone-d5	8.085	63	112496	41.881	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 83.760%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	49576	4.071	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.400%			
66) 1,2-Dichlorobenzene-d4	11.622	152	74545	4.455	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.000%			
Target Compounds						Qvalue
14) Carbon disulfide	2.288	76	2623	0.116	ug/L #	84
17) Methyl tert-butyl Ether	2.767	73	12502	0.492	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	1914	0.185	ug/L	86
22) cis-1,2-Dichloroethene	3.908	96	5157	0.380	ug/L	84
34) Trichloroethene	5.908	95	47521	3.944	ug/L	94
47) Tetrachloroethene	7.969	164	890247	92.572	ug/L	97
53) m,p-Xylene	9.140	106	934	0.046	ug/L	81

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

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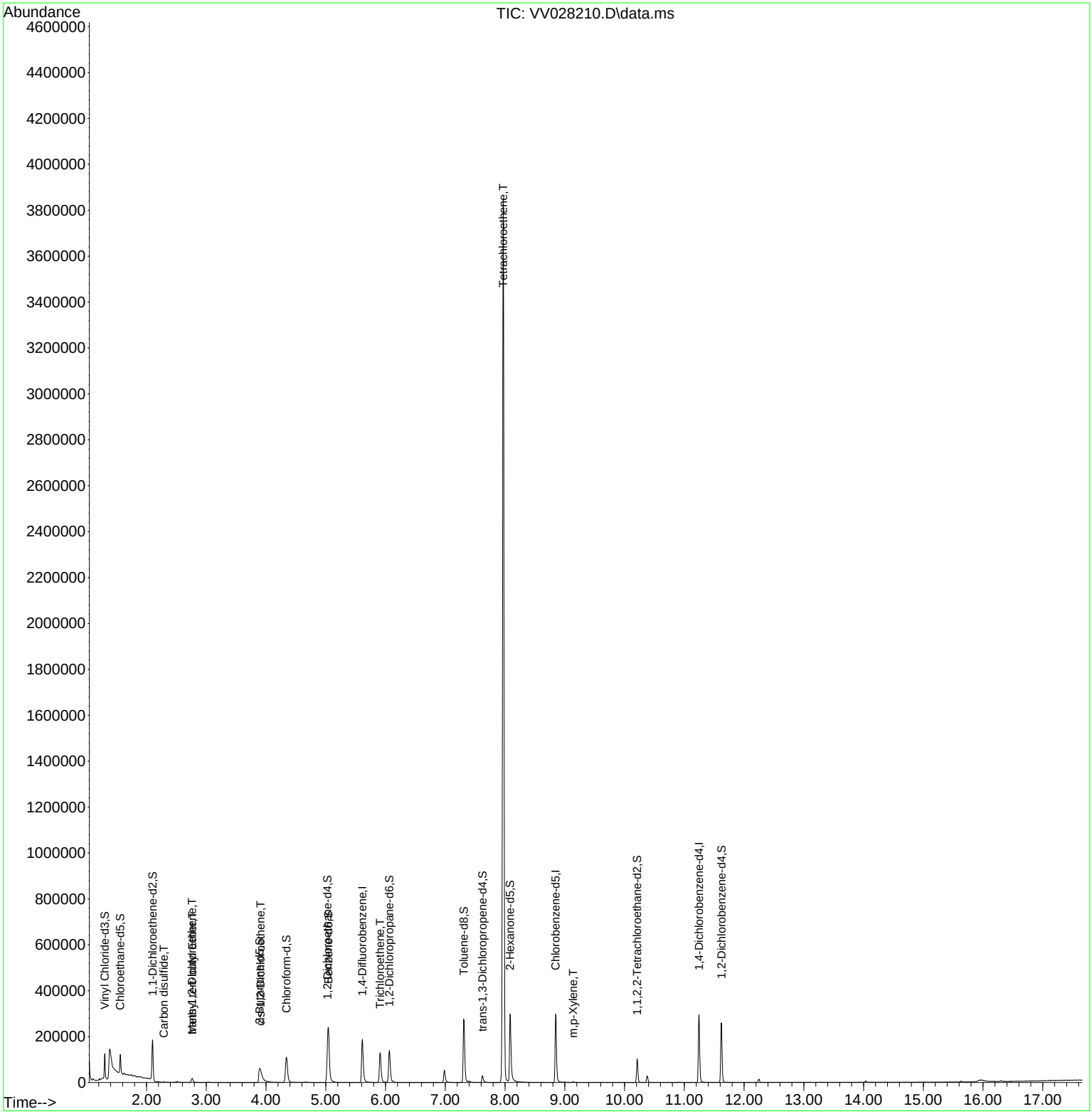
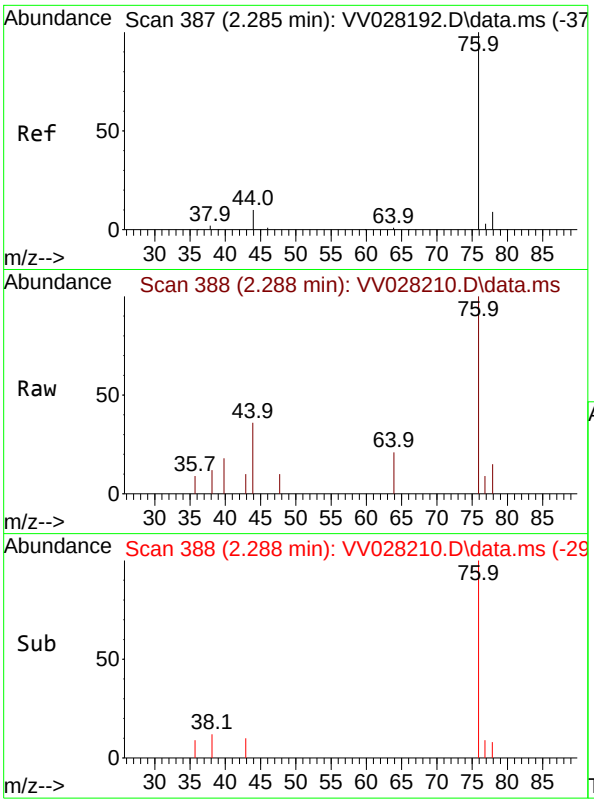


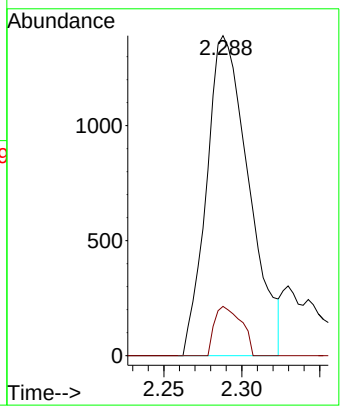


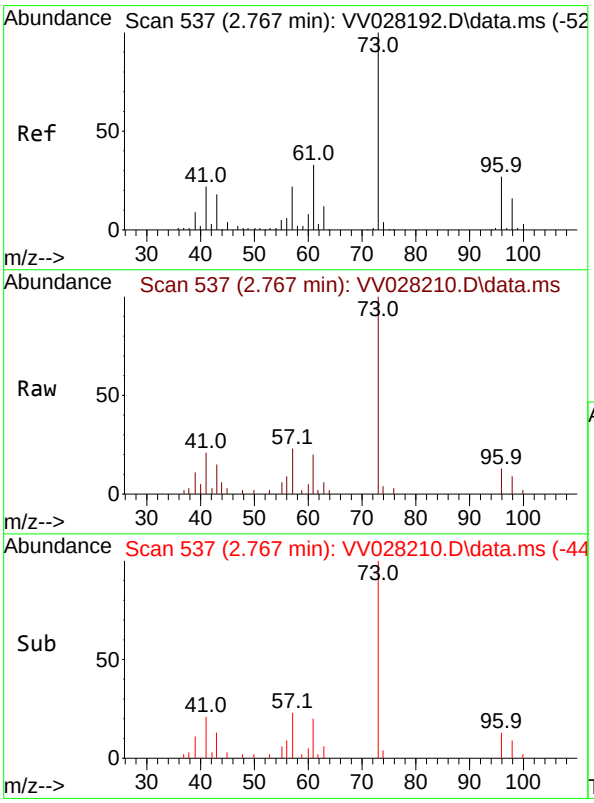
#14
Carbon disulfide
Concen: 0.116 ug/L
RT: 2.288 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV028210.D
Acq: 30 Sep 2022 00:57

Instrument :
MSVOA_V
ClientSampleId :
F5H46

Tgt Ion: 76 Resp: 2623

Ion	Ratio	Lower	Upper
76	100		
78	15.4	7.6	11.4#

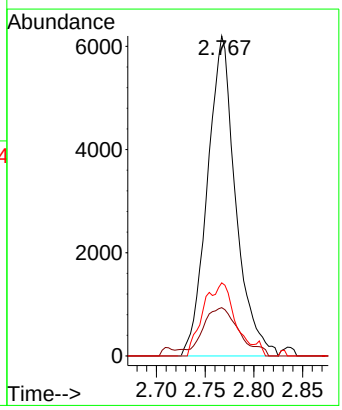


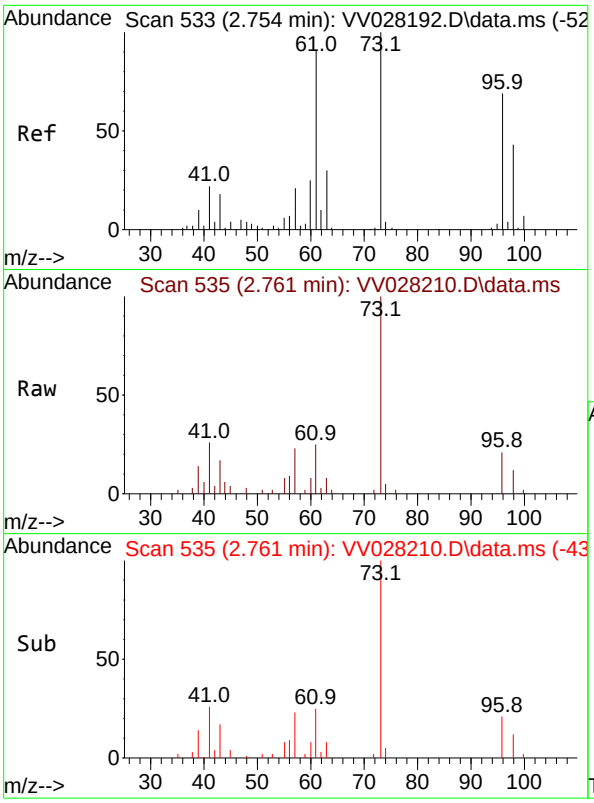


#17
Methyl tert-butyl Ether
Concen: 0.492 ug/L
RT: 2.767 min Scan# 537
Delta R.T. 0.003 min
Lab File: VV028210.D
Acq: 30 Sep 2022 00:57

Tgt Ion: 73 Resp: 12502

Ion	Ratio	Lower	Upper
73	100		
43	19.0	15.7	23.5
57	25.5	17.8	26.8



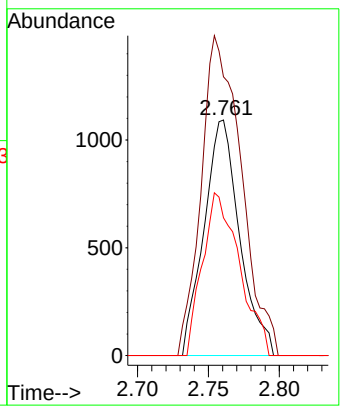


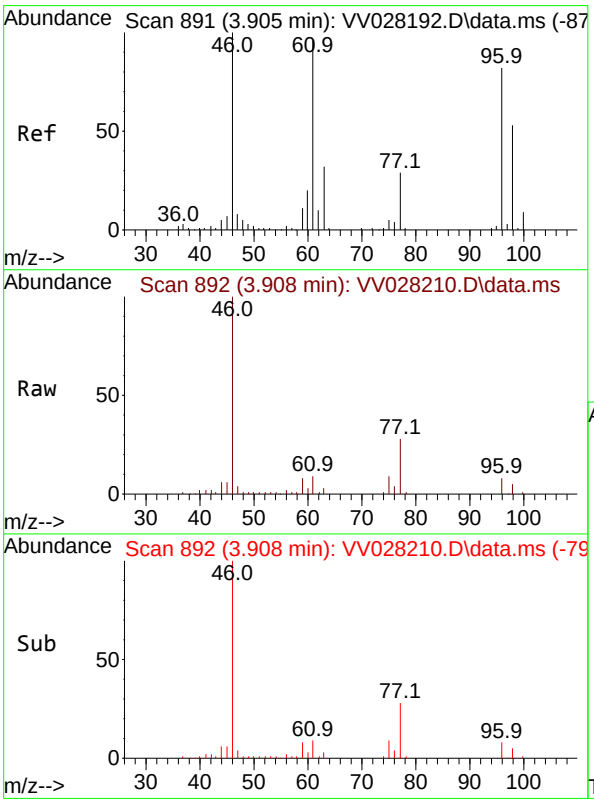
#18
trans-1,2-Dichloroethene
Concen: 0.185 ug/L
RT: 2.761 min Scan# 5
Delta R.T. 0.010 min
Lab File: VV028210.D
Acq: 30 Sep 2022 00:57

Instrument :
MSVOA_V
ClientSampleId :
F5H46

Tgt Ion: 96 Resp: 1914

Ion	Ratio	Lower	Upper
96	100		
61	118.3	96.2	178.6
98	58.5	45.7	84.9

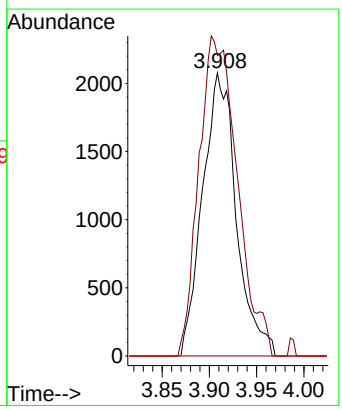


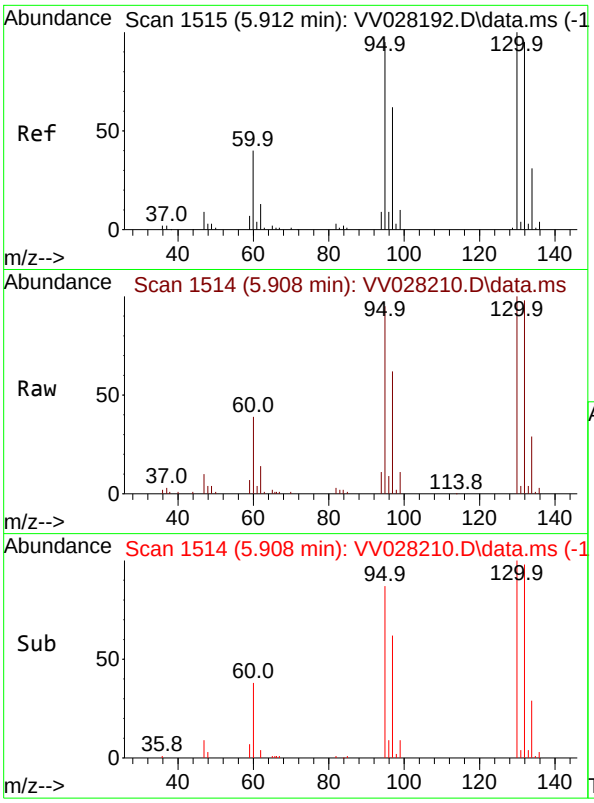


#22
cis-1,2-Dichloroethene
Concen: 0.380 ug/L
RT: 3.908 min Scan# 892
Delta R.T. 0.010 min
Lab File: VV028210.D
Acq: 30 Sep 2022 00:57

Tgt Ion: 96 Resp: 5157

Ion	Ratio	Lower	Upper
96	100		
61	106.2	87.2	161.9
68	0.0	0.0	0.0



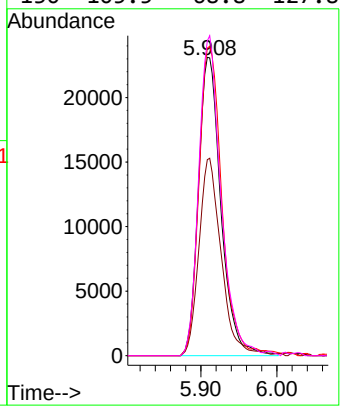


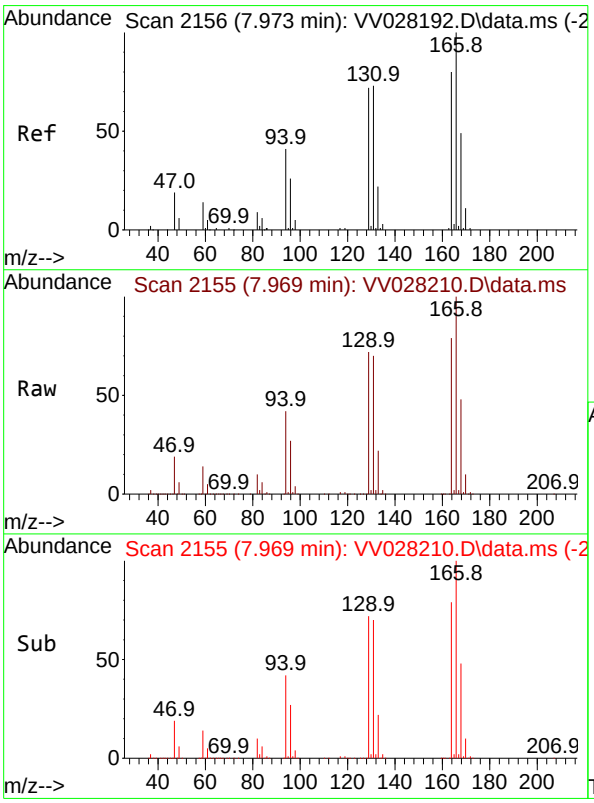
#34
Trichloroethene
Concen: 3.944 ug/L
RT: 5.908 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028210.D
Acq: 30 Sep 2022 00:57

Instrument :
MSVOA_V
ClientSampleId :
F5H46

Tgt Ion: 95 Resp: 47521

Ion	Ratio	Lower	Upper
95	100		
97	65.7	44.2	82.0
132	103.0	67.8	126.0
130	105.5	68.8	127.8

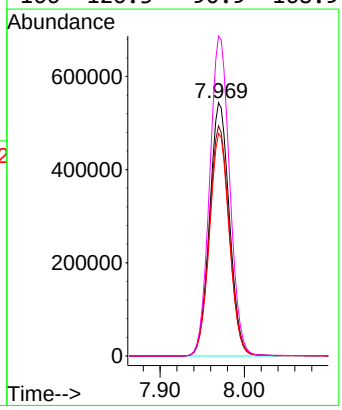


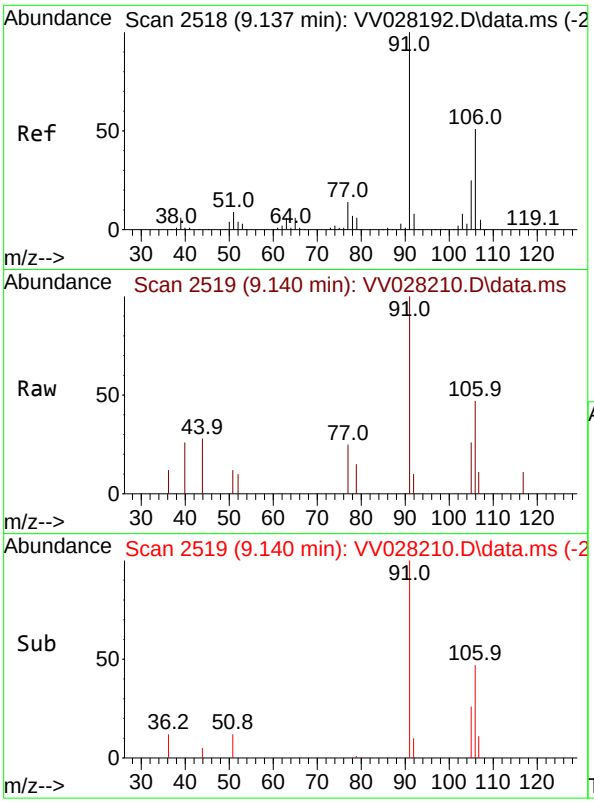


#47
Tetrachloroethene
Concen: 92.572 ug/L
RT: 7.969 min Scan# 2155
Delta R.T. 0.000 min
Lab File: VV028210.D
Acq: 30 Sep 2022 00:57

Tgt Ion:164 Resp: 890247

Ion	Ratio	Lower	Upper
164	100		
129	90.8	66.7	123.9
131	87.9	61.7	114.5
166	126.3	90.9	168.9





#53
m,p-Xylene
Concen: 0.046 ug/L
RT: 9.140 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV028210.D
Acq: 30 Sep 2022 00:57

Instrument :
MSVOA_V
ClientSampleId :
F5H46

Tgt Ion:106 Resp: 934

Ion	Ratio	Lower	Upper
106	100		
91	173.8	141.9	263.5