Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092922\
Data File : VV028212.D
Acq On : 30 Sep 2022 01:46
Operator : SY/MD
Sample : N4870-11
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F5H55

Quant Time: Sep 30 06:22:37 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	147102	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	146650	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	73618	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	65040	4.265	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.200%			
7) Chloroethane-d5	1.561	69	54716	4.513	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 90.200%			
11) 1,1-Dichloroethene-d2	2.102	63	91079	3.443	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 68.800%			
20) 2-Butanone-d5	3.899	46	101193	39.303	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 78.600%			
24) Chloroform-d	4.339	84	104259	4.284	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.600%			
26) 1,2-Dichloroethane-d4	5.027	65	49340	4.261	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.200%			
32) Benzene-d6	5.043	84	205801	4.280	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.600%			
36) 1,2-Dichloropropane-d6	6.066	67	58474	3.901	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 78.000%			
41) Toluene-d8	7.314	98	168117	3.863	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.200%			
43) trans-1,3-Dichloroprop...	7.622	79	17475	3.227	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 64.600%			
46) 2-Hexanone-d5	8.088	63	88625	39.214	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 78.420%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	43136	4.210	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.200%			
66) 1,2-Dichlorobenzene-d4	11.619	152	67307	4.661	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.200%			
Target Compounds						Qvalue
3) Chloromethane	1.237	50	1605	0.110	ug/L	88
14) Carbon disulfide	2.288	76	3038	0.156	ug/L	99
17) Methyl tert-butyl Ether	2.770	73	2201	0.101	ug/L	94
34) Trichloroethene	5.918	95	3556	0.351	ug/L	92
47) Tetrachloroethene	7.973	164	21484	2.655	ug/L	96
53) m,p-Xylene	9.143	106	1003	0.058	ug/L	86
54) o-Xylene	9.545	106	1824	0.107	ug/L	92

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

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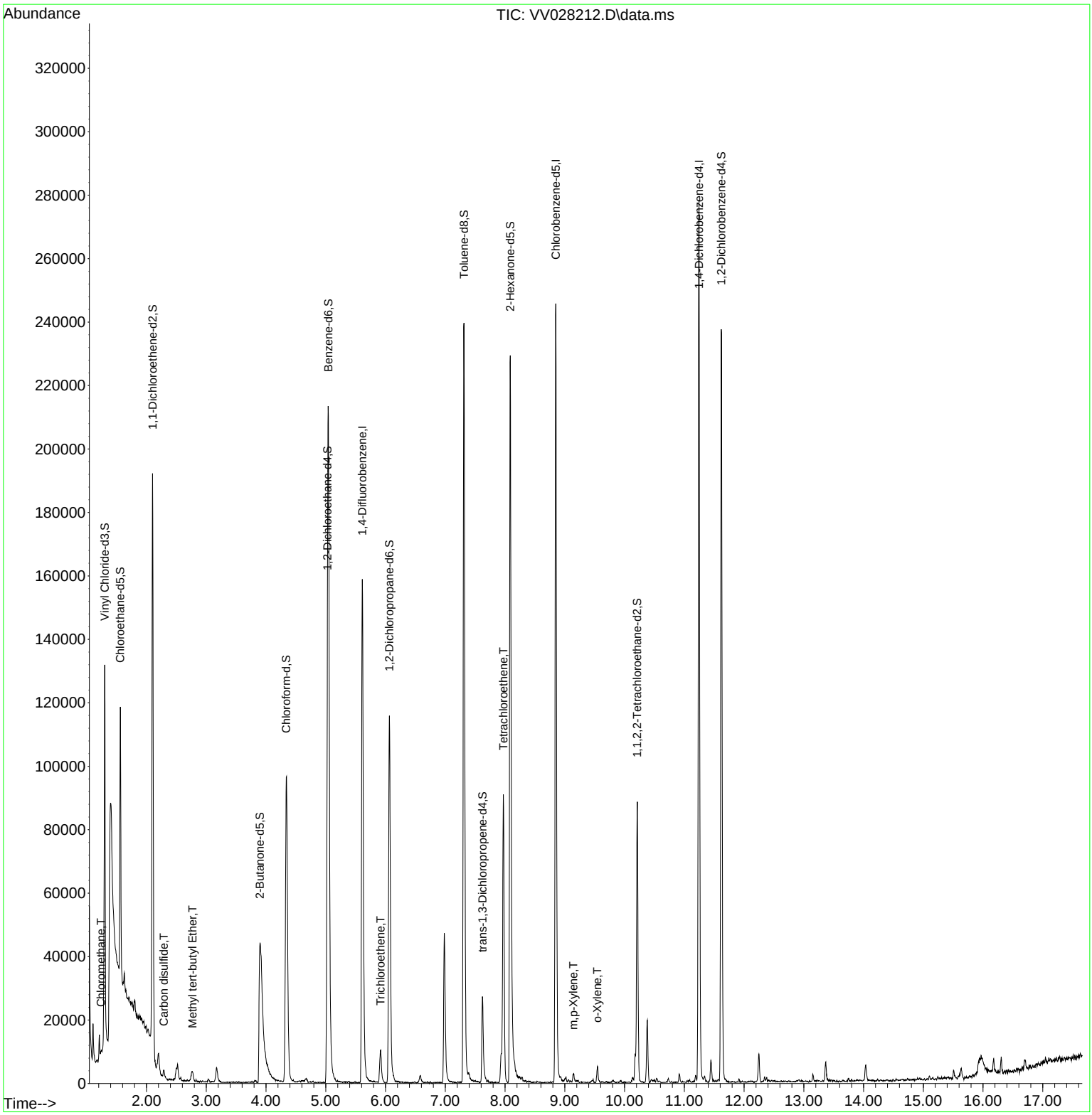
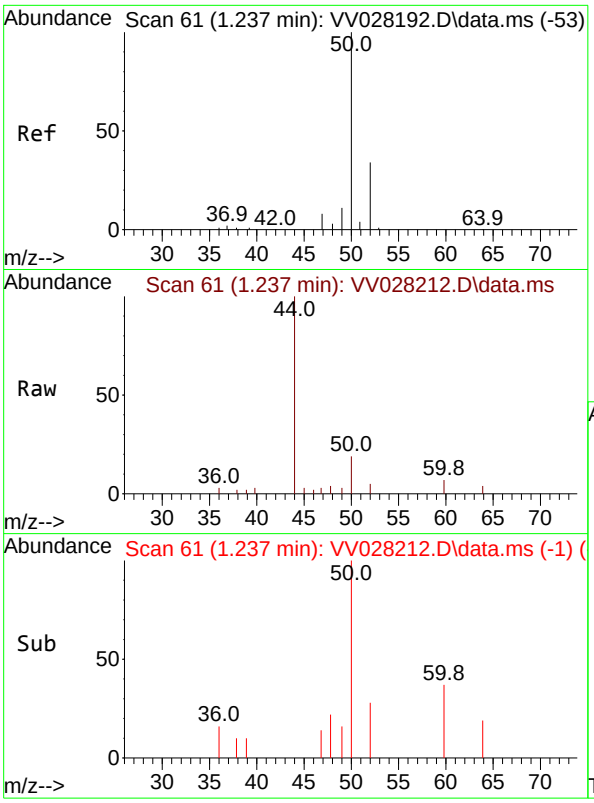


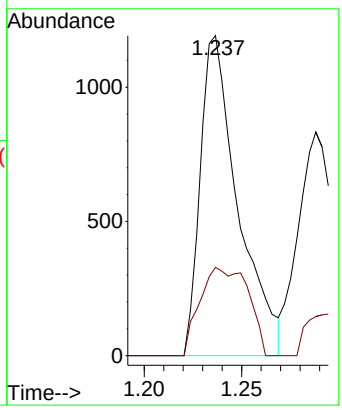


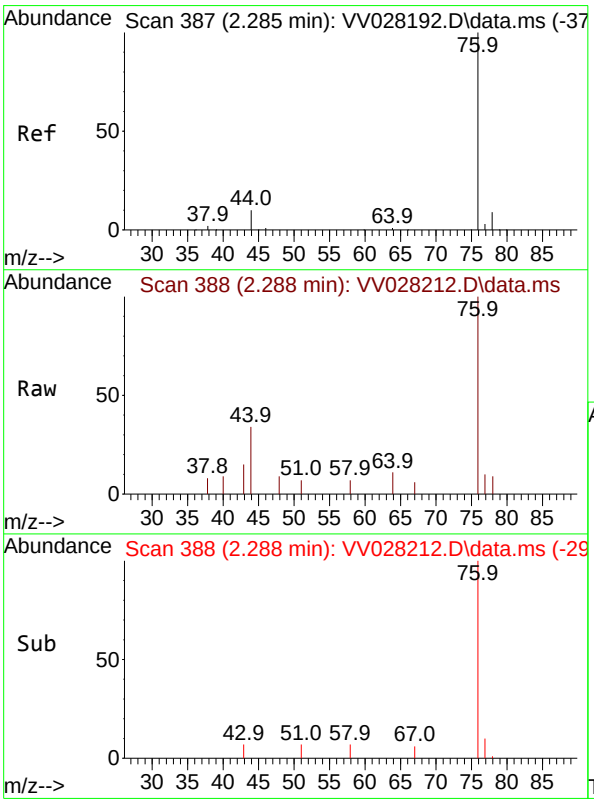
#3
Chloromethane
Concen: 0.110 ug/L
RT: 1.237 min Scan# 61
Delta R.T. 0.000 min
Lab File: VV028212.D
Acq: 30 Sep 2022 01:46

Instrument :
MSVOA_V
ClientSampleId :
F5H55

Tgt Ion: 50 Resp: 1605

Ion	Ratio	Lower	Upper
50	100		
52	27.6	24.4	45.2

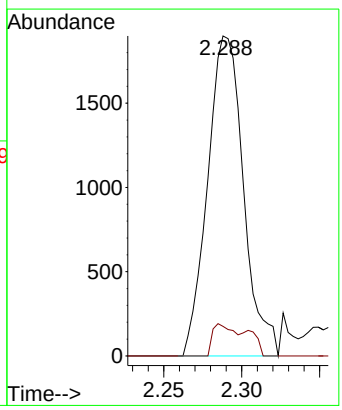


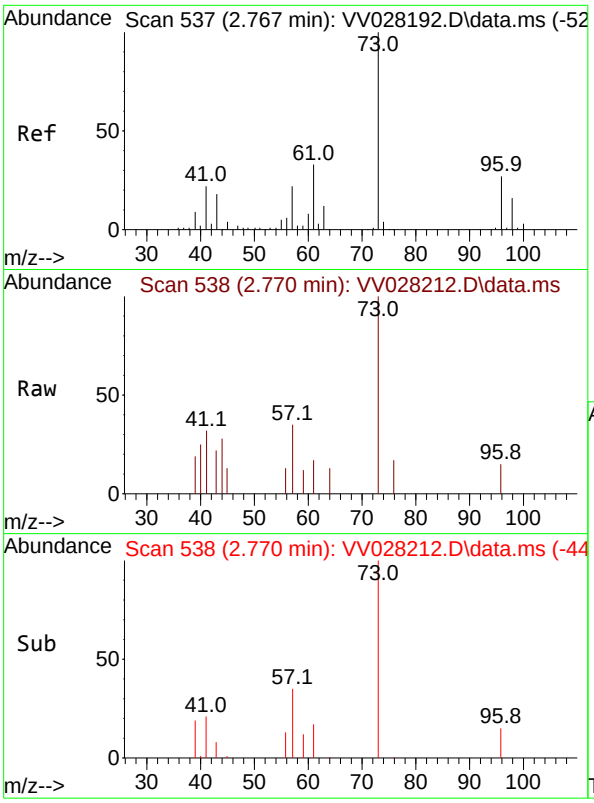


#14
Carbon disulfide
Concen: 0.156 ug/L
RT: 2.288 min Scan# 388
Delta R.T. 0.003 min
Lab File: VV028212.D
Acq: 30 Sep 2022 01:46

Tgt Ion: 76 Resp: 3038

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.6	11.4



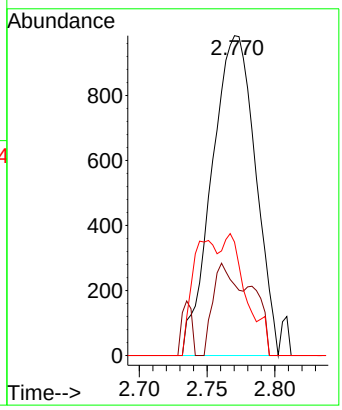


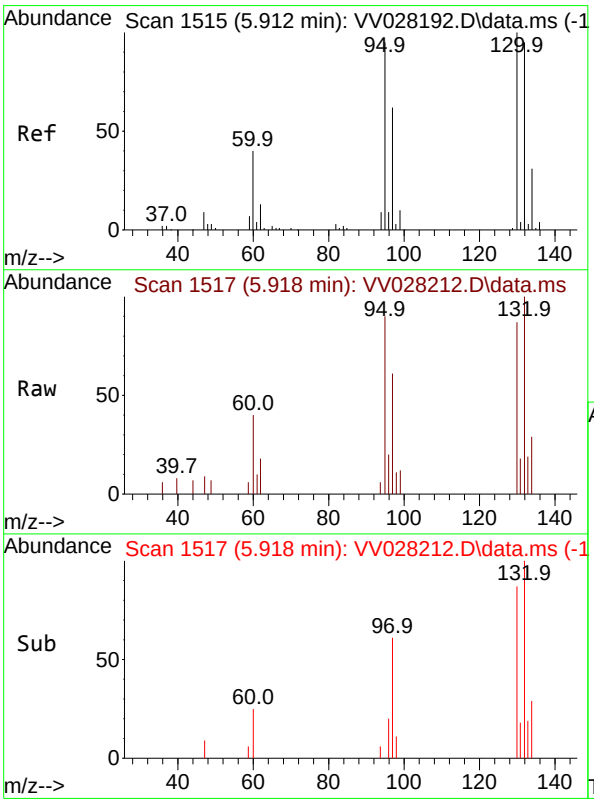
#17
Methyl tert-butyl Ether
Concen: 0.101 ug/L
RT: 2.770 min Scan# 5
Delta R.T. 0.006 min
Lab File: VV028212.D
Acq: 30 Sep 2022 01:46

Instrument :
MSVOA_V
ClientSampleId :
F5H55

Tgt Ion: 73 Resp: 2201

Ion	Ratio	Lower	Upper
73	100		
43	16.9	15.7	23.5
57	19.2	17.8	26.8

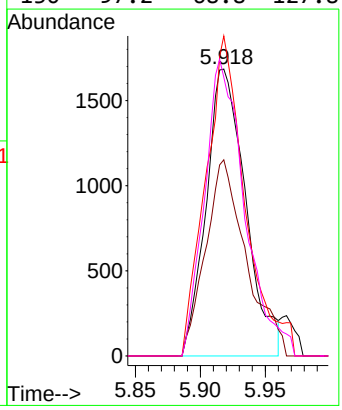


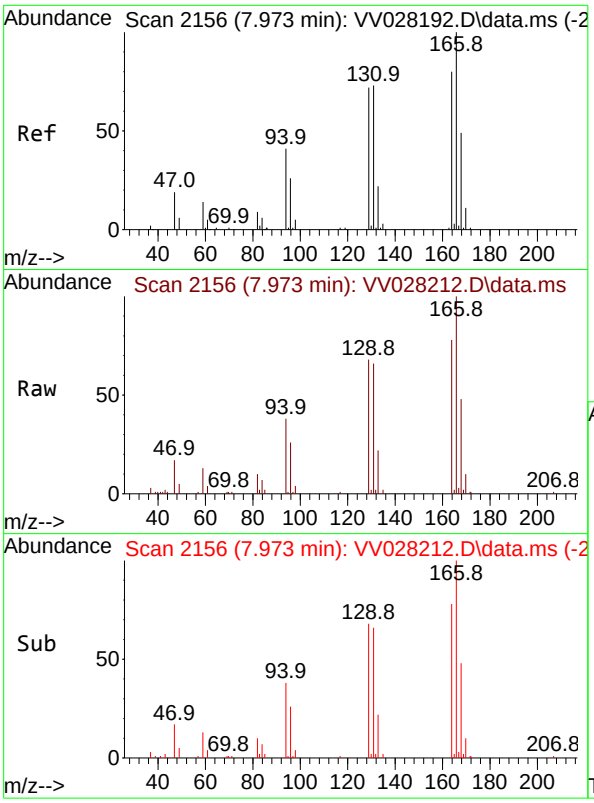


#34
Trichloroethene
Concen: 0.351 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.013 min
Lab File: VV028212.D
Acq: 30 Sep 2022 01:46

Tgt Ion: 95 Resp: 3556

Ion	Ratio	Lower	Upper
95	100		
97	68.4	44.2	82.0
132	111.5	67.8	126.0
130	97.2	68.8	127.8



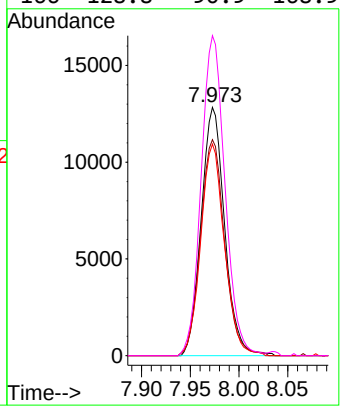


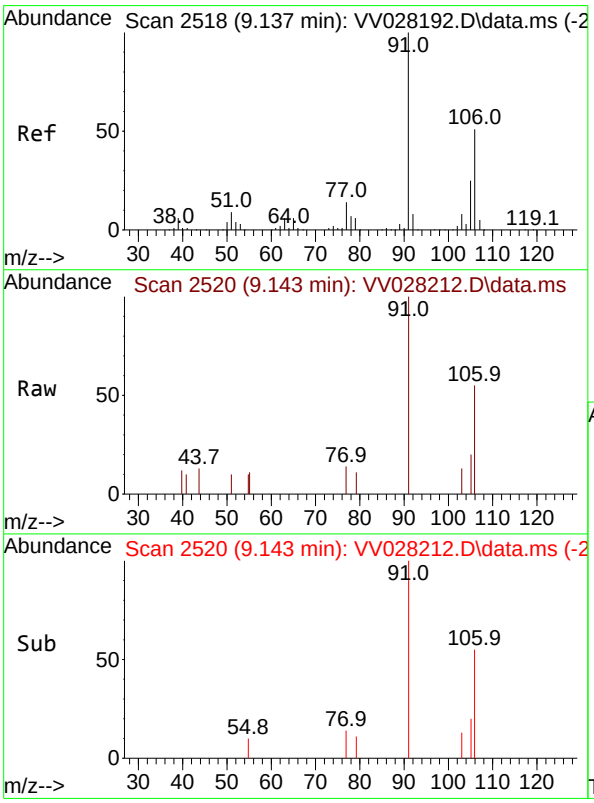
#47
Tetrachloroethene
Concen: 2.655 ug/L
RT: 7.973 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV028212.D
Acq: 30 Sep 2022 01:46

Instrument :
MSVOA_V
ClientSampleId :
F5H55

Tgt Ion:164 Resp: 21484

Ion	Ratio	Lower	Upper
164	100		
129	87.0	66.7	123.9
131	85.2	61.7	114.5
166	128.8	90.9	168.9

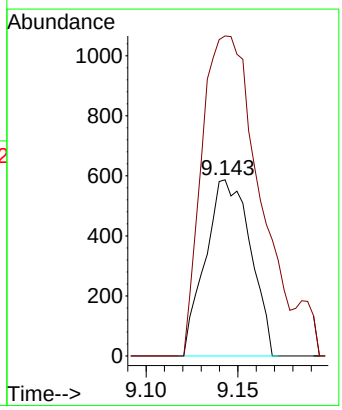


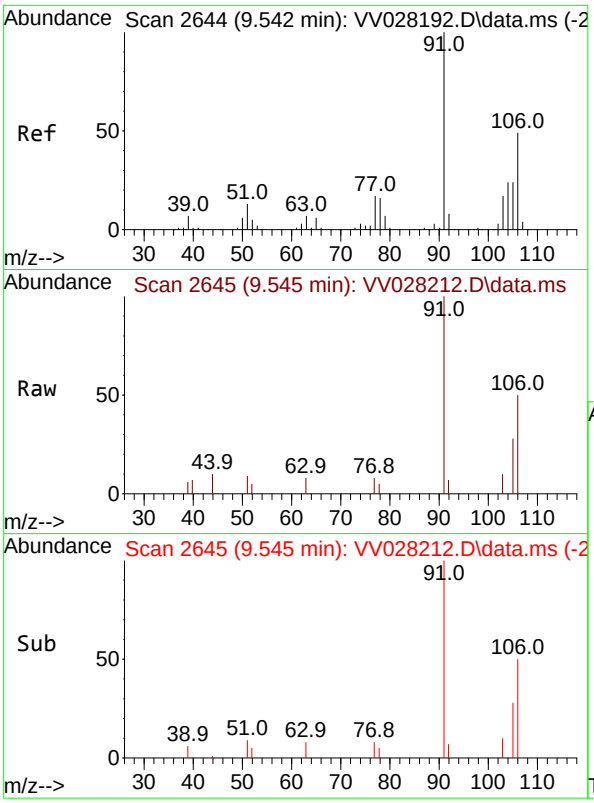


#53
m,p-Xylene
Concen: 0.058 ug/L
RT: 9.143 min Scan# 2520
Delta R.T. 0.010 min
Lab File: VV028212.D
Acq: 30 Sep 2022 01:46

Tgt Ion:106 Resp: 1003

Ion	Ratio	Lower	Upper
106	100		
91	181.6	141.9	263.5





#54
o-Xylene
Concen: 0.107 ug/L
RT: 9.545 min Scan# 2
Delta R.T. 0.006 min
Lab File: VV028212.D
Acq: 30 Sep 2022 01:46

Instrument :
MSVOA_V
ClientSampleId :
F5H55

Tgt Ion:106 Resp: 1824

Ion	Ratio	Lower	Upper
106	100		
91	199.3	148.1	275.0