Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029194.D
Acq On : 20 Nov 2022 00:55
Operator : SY/MD
Sample : N5648-12DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46D9DL

Quant Time: Nov 20 04:30:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sun Nov 20 03:53:06 2022
Response via : Initial Calibration

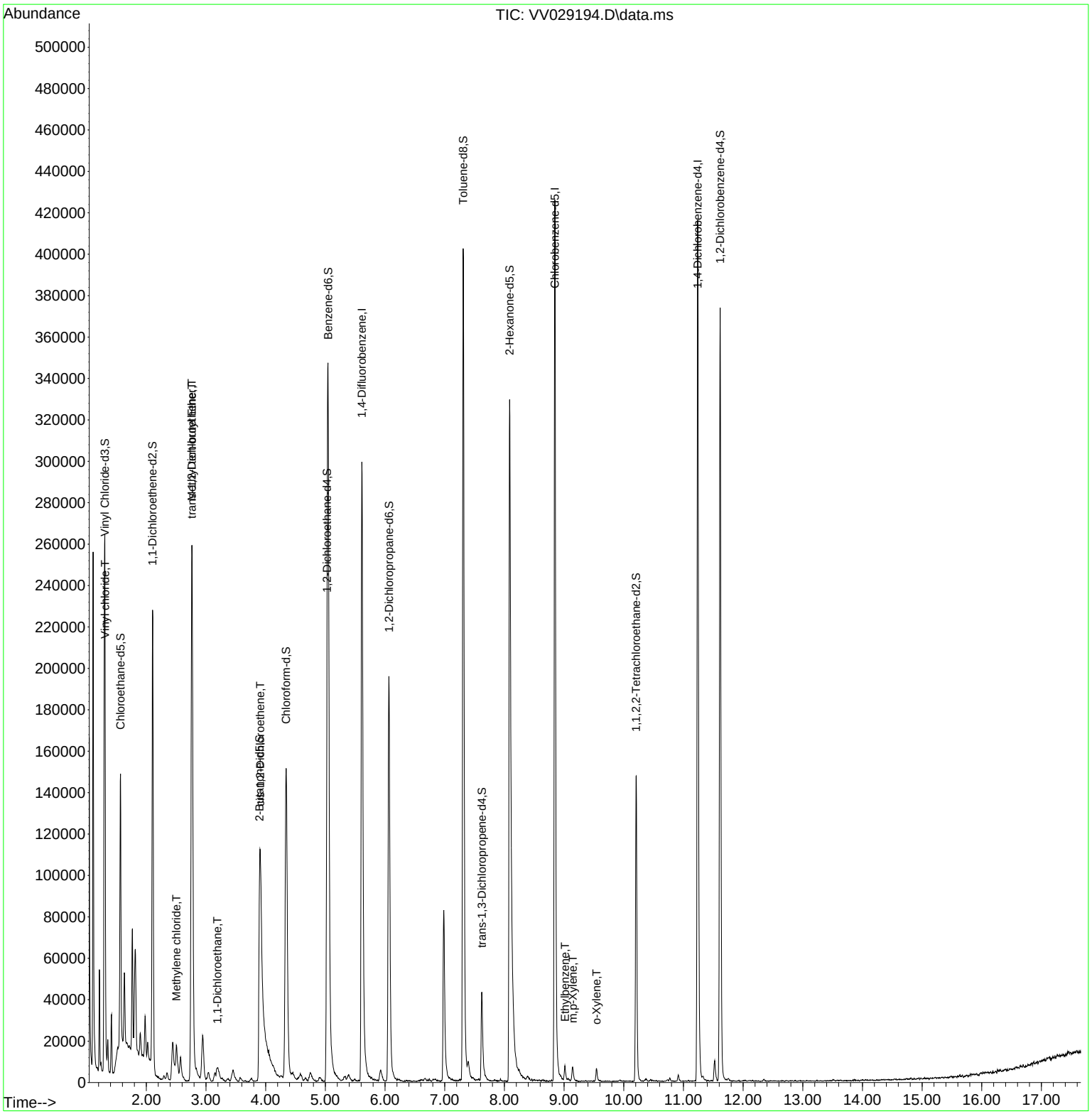
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	286434	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	253857	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	118802	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	91240	5.225	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 104.400%			
7) Chloroethane-d5	1.568	69	75035	4.888	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 97.800%			
11) 1,1-Dichloroethene-d2	2.105	63	111719	3.511	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.200%			
20) 2-Butanone-d5	3.899	46	162478	55.583	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.160%			
24) Chloroform-d	4.343	84	167074	4.660	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.200%			
26) 1,2-Dichloroethane-d4	5.027	65	80715	5.004	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.000%			
32) Benzene-d6	5.047	84	341655	4.509	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.200%			
36) 1,2-Dichloropropane-d6	6.066	67	105212	4.973	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.400%			
41) Toluene-d8	7.310	98	287740	4.218	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.400%			
43) trans-1,3-Dichloroprop...	7.622	79	29063	4.211	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 84.200%			
46) 2-Hexanone-d5	8.088	63	147463	50.062	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.120%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	73004	4.977	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 99.600%			
66) 1,2-Dichlorobenzene-d4	11.616	152	104632	4.923	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.311	62	3444	0.152	ug/L #	17
16) Methylene chloride	2.503	84	6645	0.296	ug/L	93
17) Methyl tert-butyl Ether	2.764	73	263919	7.099	ug/L	97
18) trans-1,2-Dichloroethene	2.761	96	7884	0.392	ug/L	99
19) 1,1-Dichloroethane	3.192	63	5703	0.173	ug/L	100
22) cis-1,2-Dichloroethene	3.909	96	21346	1.044	ug/L	95
52) Ethylbenzene	9.014	91	5385	0.062	ug/L	95
53) m,p-Xylene	9.146	106	2511	0.072	ug/L	86
54) o-Xylene	9.545	106	1959	0.059	ug/L	80

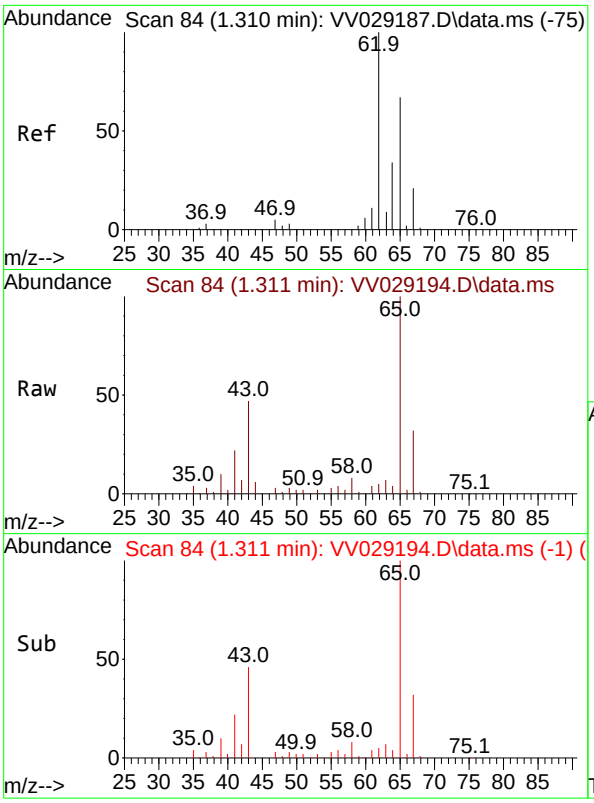
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029194.D
Acq On : 20 Nov 2022 00:55
Operator : SY/MD
Sample : N5648-12DL 5X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46D9DL

Quant Time: Nov 20 04:30:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sun Nov 20 03:53:06 2022
Response via : Initial Calibration



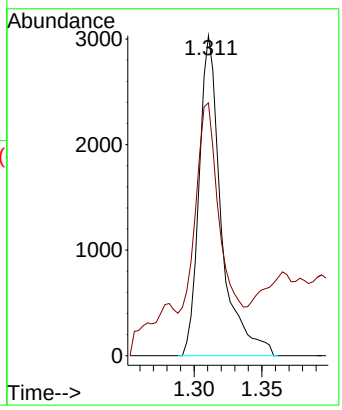


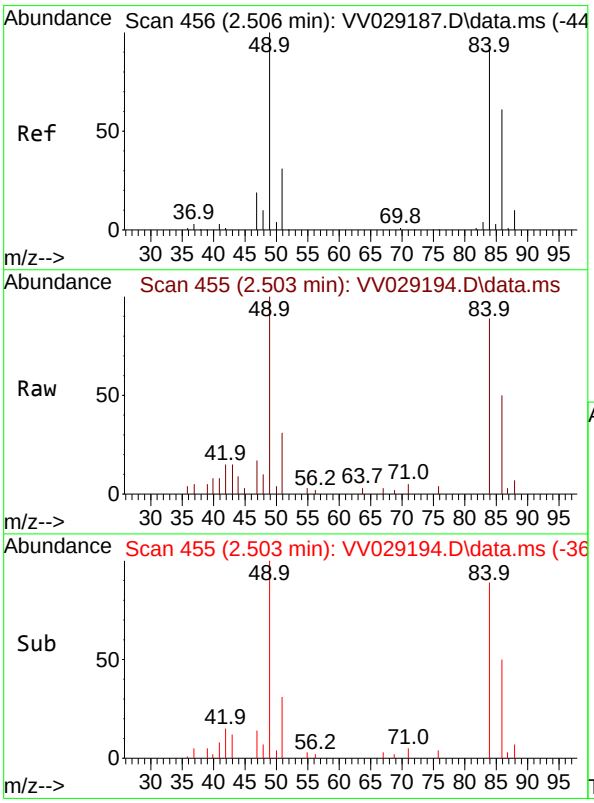
#5
Vinyl chloride
Concen: 0.152 ug/L
RT: 1.311 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029194.D
Acq: 20 Nov 2022 00:55

Instrument :
MSVOA_V
ClientSampleId :
H46D9DL

Tgt Ion: 62 Resp: 3444

Ion	Ratio	Lower	Upper
62	100		
64	79.0	22.8	42.4#

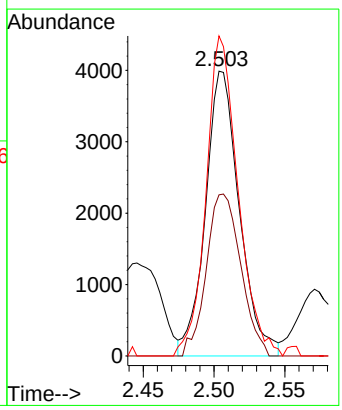


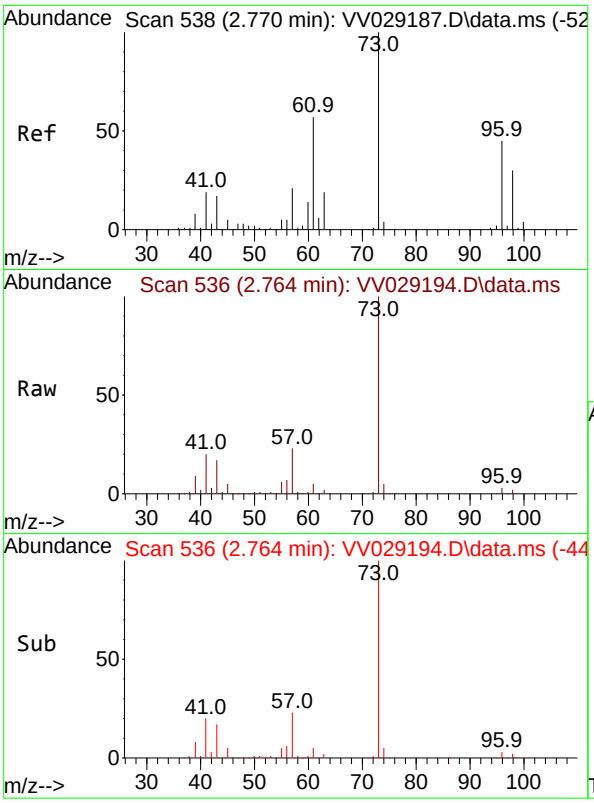


#16
Methylene chloride
Concen: 0.296 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.003 min
Lab File: VV029194.D
Acq: 20 Nov 2022 00:55

Tgt Ion: 84 Resp: 6645

Ion	Ratio	Lower	Upper
84	100		
86	56.6	45.8	85.0
49	112.4	75.5	140.1



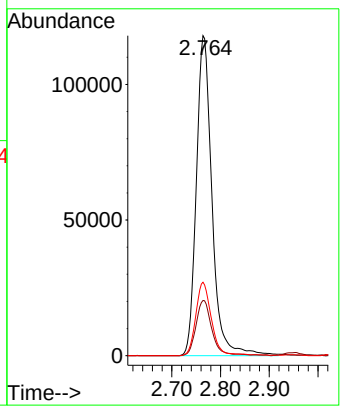


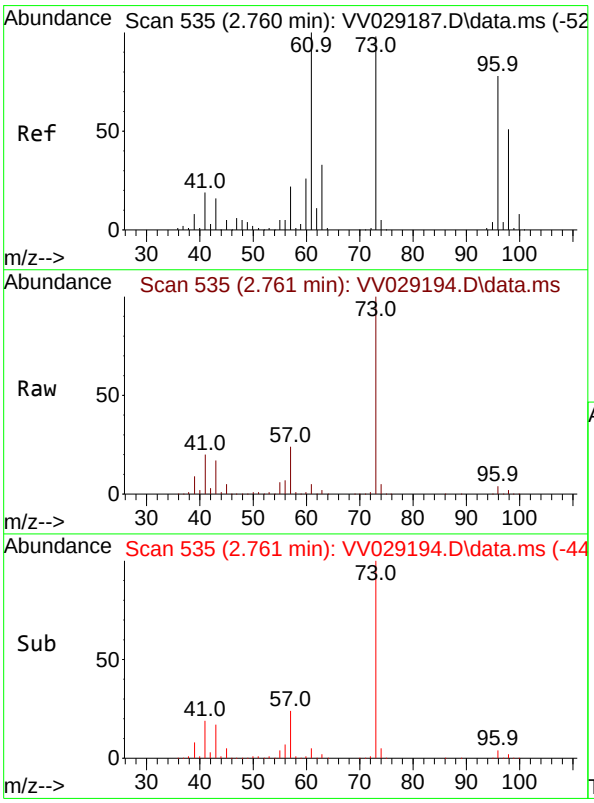
#17
Methyl tert-butyl Ether
Concen: 7.099 ug/L
RT: 2.764 min Scan# 5
Delta R.T. -0.006 min
Lab File: VV029194.D
Acq: 20 Nov 2022 00:55

Instrument :
MSVOA_V
ClientSampleId :
H46D9DL

Tgt Ion: 73 Resp: 263919

Ion	Ratio	Lower	Upper
73	100		
43	17.1	13.0	19.4
57	22.5	16.6	24.8

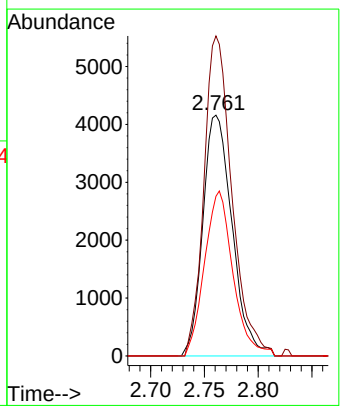


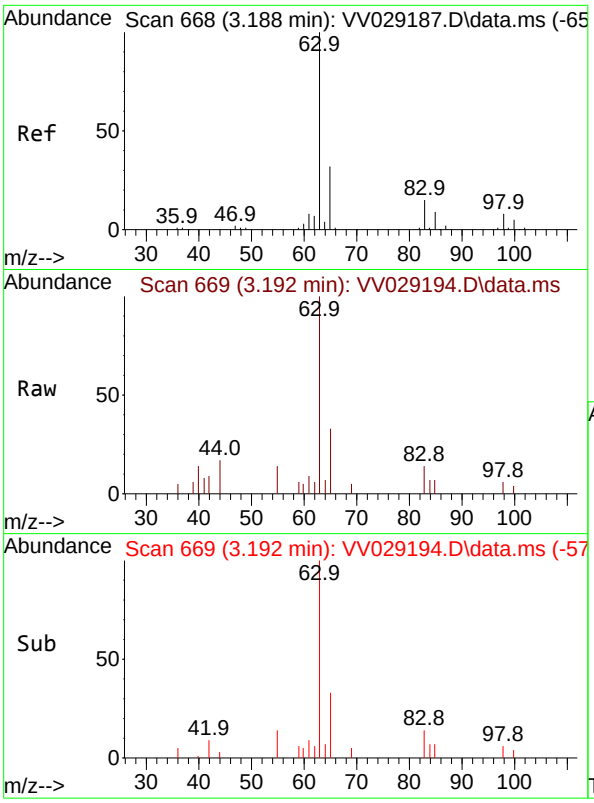


#18
trans-1,2-Dichloroethene
Concen: 0.392 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV029194.D
Acq: 20 Nov 2022 00:55

Tgt Ion: 96 Resp: 7884

Ion	Ratio	Lower	Upper
96	100		
61	132.9	91.8	170.6
98	66.3	46.4	86.2



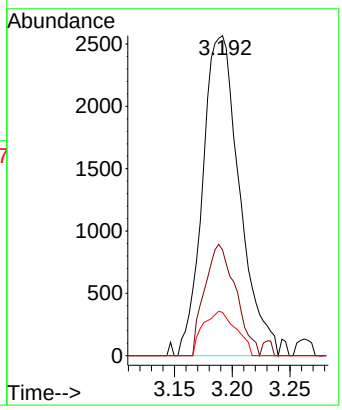


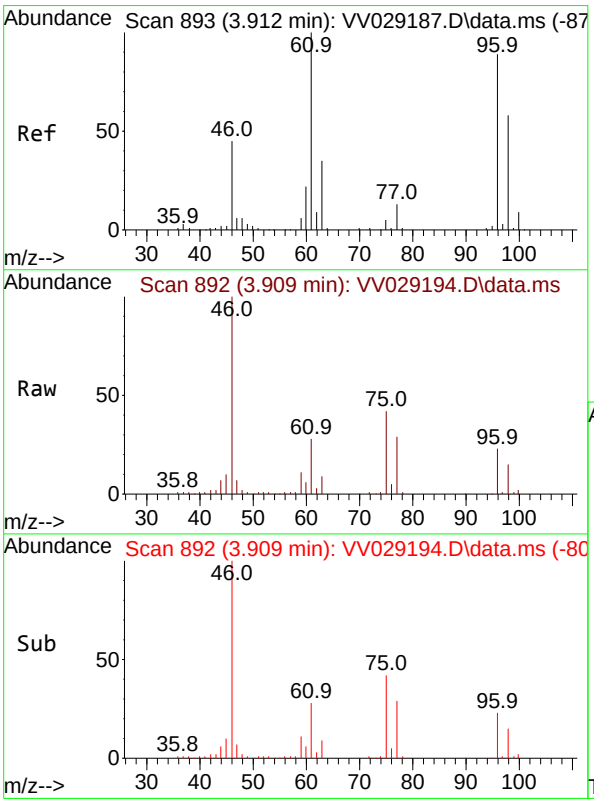
#19
1,1-Dichloroethane
Concen: 0.173 ug/L
RT: 3.192 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV029194.D
Acq: 20 Nov 2022 00:55

Instrument :
MSVOA_V
ClientSampleId :
H46D9DL

Tgt Ion: 63 Resp: 5703

Ion	Ratio	Lower	Upper
63	100		
65	33.1	23.0	42.6
83	13.6	9.4	17.6

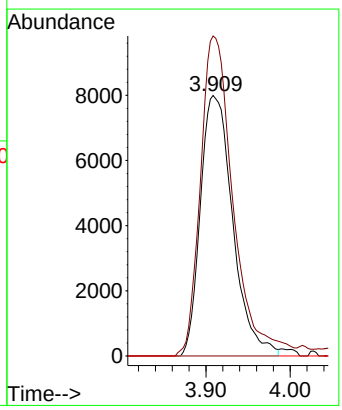


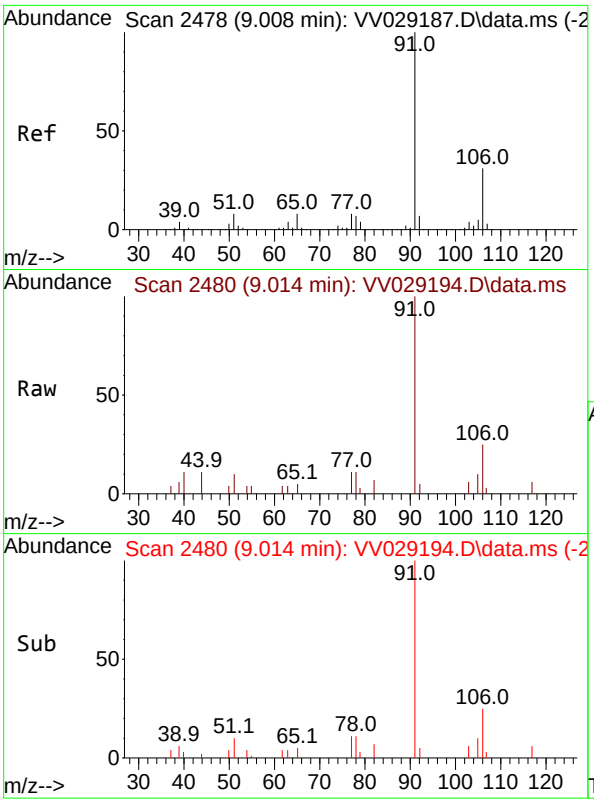


#22
cis-1,2-Dichloroethene
Concen: 1.044 ug/L
RT: 3.909 min Scan# 892
Delta R.T. -0.003 min
Lab File: VV029194.D
Acq: 20 Nov 2022 00:55

Tgt Ion: 96 Resp: 21346

Ion	Ratio	Lower	Upper
96	100		
61	122.9	82.3	152.9
68	0.0	0.0	0.0



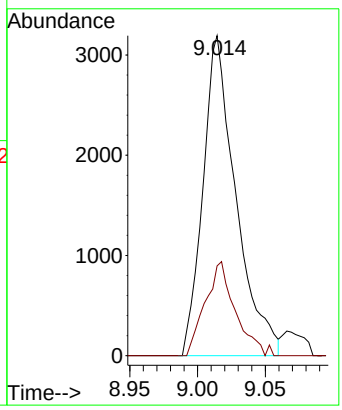


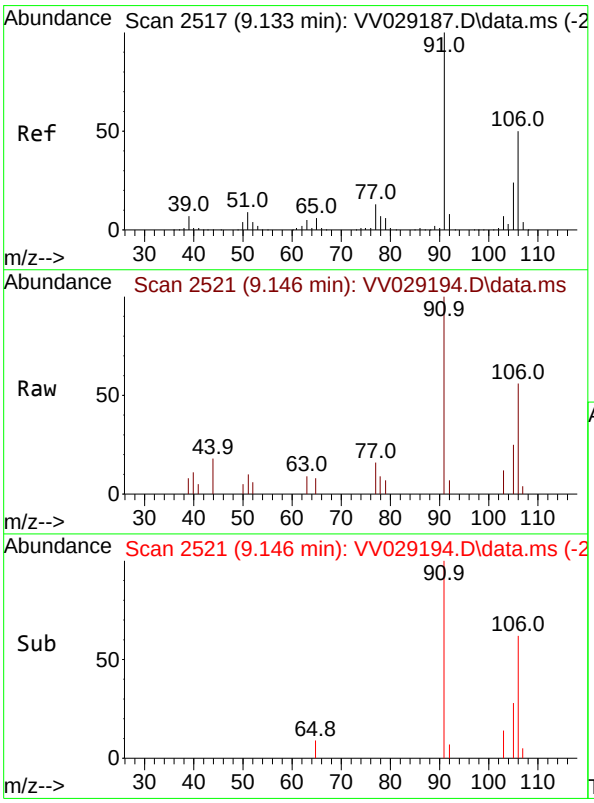
#52
Ethylbenzene
Concen: 0.062 ug/L
RT: 9.014 min Scan# 2
Delta R.T. 0.007 min
Lab File: VV029194.D
Acq: 20 Nov 2022 00:55

Instrument :
MSVOA_V
ClientSampleId :
H46D9DL

Tgt Ion: 91 Resp: 5385

Ion	Ratio	Lower	Upper
91	100		
106	28.1	21.6	40.2

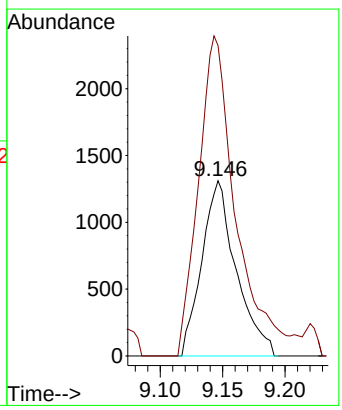


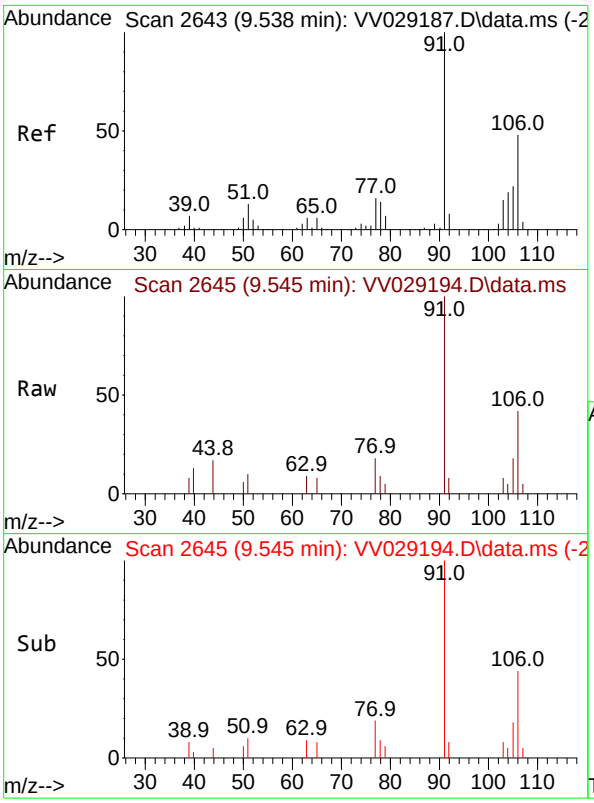


#53
m,p-Xylene
Concen: 0.072 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.013 min
Lab File: VV029194.D
Acq: 20 Nov 2022 00:55

Tgt Ion:106 Resp: 2511

Ion	Ratio	Lower	Upper
106	100		
91	177.2	139.1	258.3





#54
o-Xylene
Concen: 0.059 ug/L
RT: 9.545 min Scan# 2
Delta R.T. 0.007 min
Lab File: VV029194.D
Acq: 20 Nov 2022 00:55

Instrument :
MSVOA_V
ClientSampleId :
H46D9DL

Tgt Ion:106 Resp: 1959

Ion	Ratio	Lower	Upper
106	100		
91	238.5	145.7	270.7