Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111422\
Data File : VV028958.D
Acq On : 14 Nov 2022 23:43
Operator : SY/MD
Sample : N5604-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 35 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46B9

Quant Time: Nov 15 05:35:55 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 15 01:23:16 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	268837	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	248951	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	125650	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	71928	4.389	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.800%			
7) Chloroethane-d5	1.568	69	60180	4.177	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.600%			
11) 1,1-Dichloroethene-d2	2.108	63	89713	3.004	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 60.000%			
20) 2-Butanone-d5	3.889	46	69147	25.203	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 50.400%			
24) Chloroform-d	4.342	84	152866	4.543	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.800%			
26) 1,2-Dichloroethane-d4	5.027	65	68264	4.509	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.200%			
32) Benzene-d6	5.047	84	314396	4.231	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.600%			
36) 1,2-Dichloropropane-d6	6.066	67	96252	4.639	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.800%			
41) Toluene-d8	7.310	98	282979	4.230	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.600%			
43) trans-1,3-Dichloroprop...	7.622	79	24388	3.604	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 72.000%			
46) 2-Hexanone-d5	8.088	63	121825	42.173	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 84.340%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	67549	4.695	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.000%			
66) 1,2-Dichlorobenzene-d4	11.615	152	107680	4.790	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	1743021	82.158	ug/L	87
12) 1,1-Dichloroethene	2.117	96	15358	0.944	ug/L #	1
14) Carbon disulfide	2.294	76	27476	0.475	ug/L	98
18) trans-1,2-Dichloroethene	2.757	96	529769	28.067	ug/L	95
19) 1,1-Dichloroethane	3.188	63	12654	0.410	ug/L	95
22) cis-1,2-Dichloroethene	3.902	96	3185697	166.015	ug/L	96
33) Benzene	5.098	78	82997	1.091	ug/L	100
34) Trichloroethene	5.911	95	79427	4.078	ug/L	98
42) Toluene	7.387	91	77546	0.944	ug/L	98
51) Chlorobenzene	8.876	112	3003	0.059	ug/L	92
52) Ethylbenzene	9.011	91	36847	0.431	ug/L	97
53) m,p-Xylene	9.136	106	16229	0.477	ug/L	93
54) o-Xylene	9.542	106	3036	0.094	ug/L	89
60) Isopropylbenzene	9.931	105	5352	0.066	ug/L	97

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

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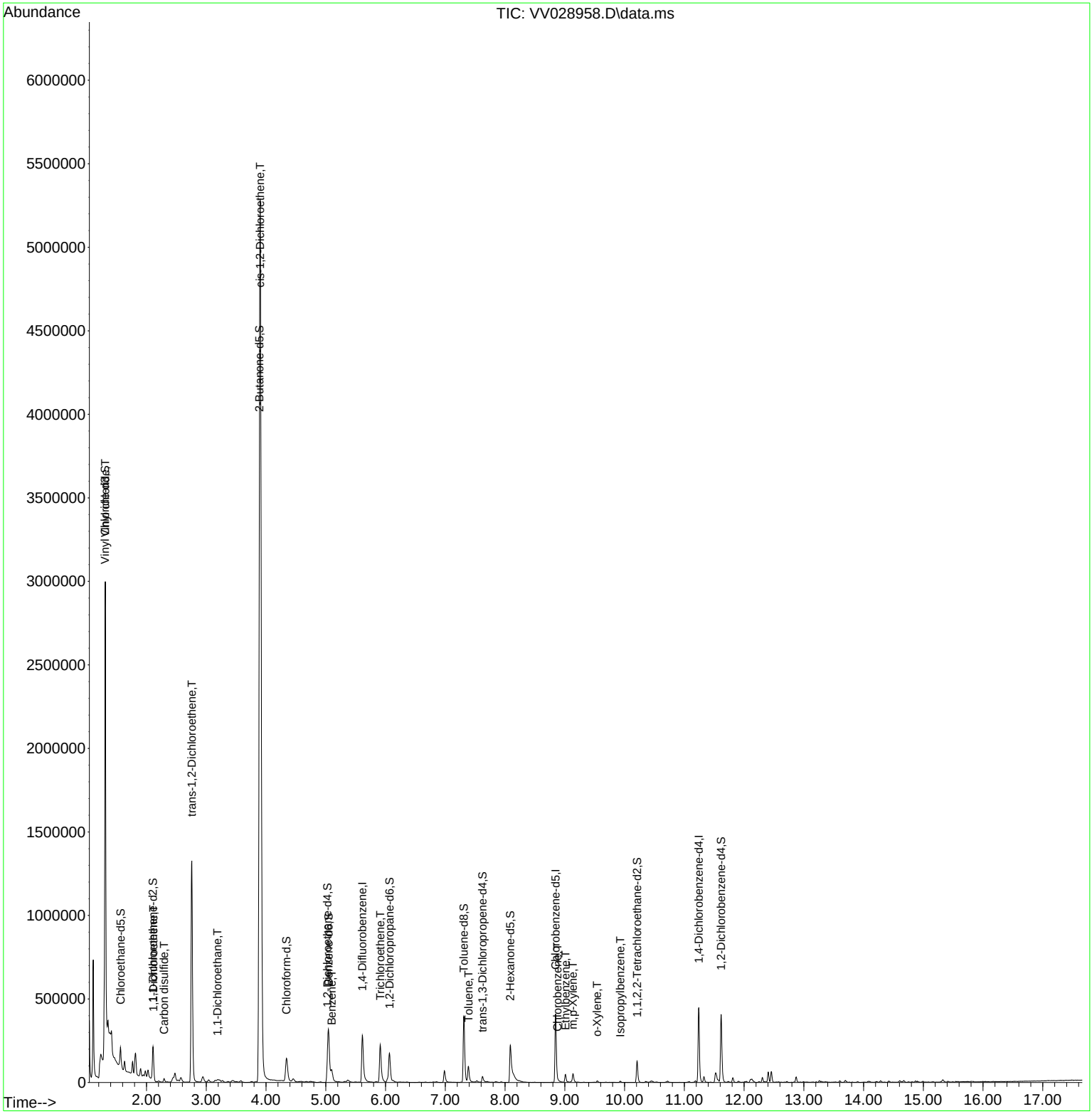
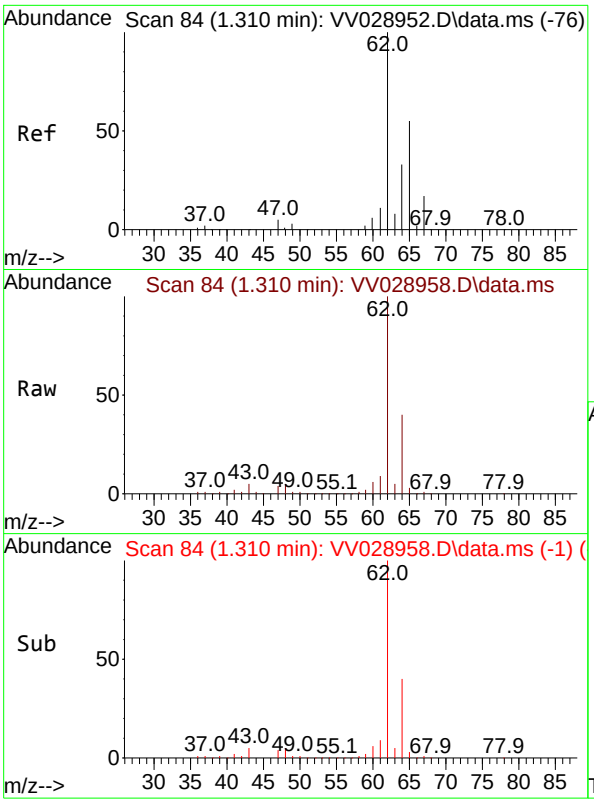
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 15 01:23:16 2022
Response via : Initial Calibration



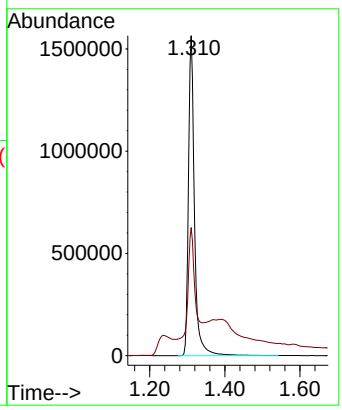


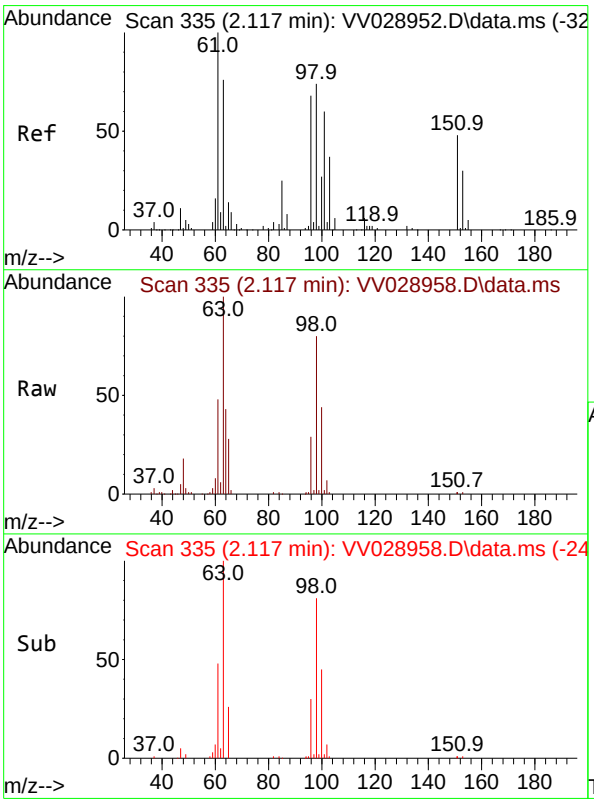
#5
Vinyl chloride
Concen: 82.158 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV028958.D
Acq: 14 Nov 2022 23:43

Instrument :
MSVOA_V
ClientSampleId :
H46B9

Tgt Ion: 62 Resp: 1743021

Ion	Ratio	Lower	Upper
62	100		
64	40.0	22.8	42.4

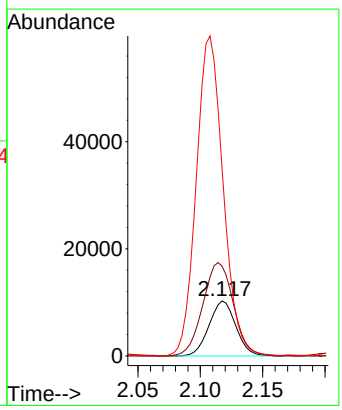


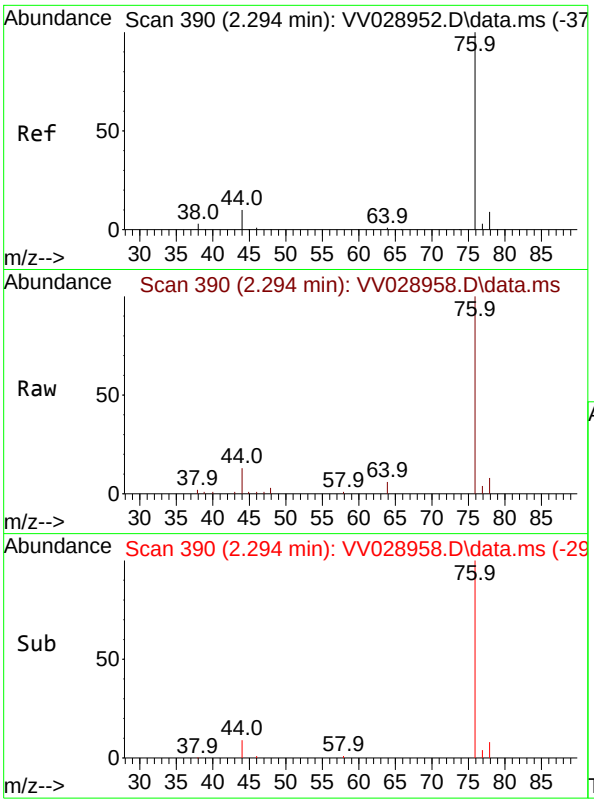


#12
1,1-Dichloroethene
Concen: 0.944 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.000 min
Lab File: VV028958.D
Acq: 14 Nov 2022 23:43

Tgt Ion: 96 Resp: 15358

Ion	Ratio	Lower	Upper
96	100		
61	163.4	104.2	193.4
63	341.6	75.9	140.9#



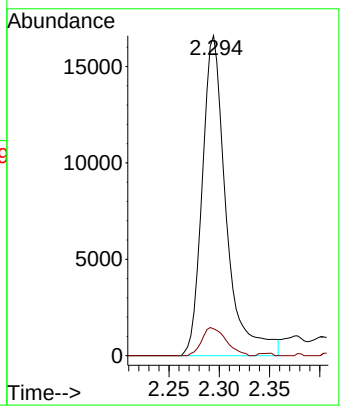


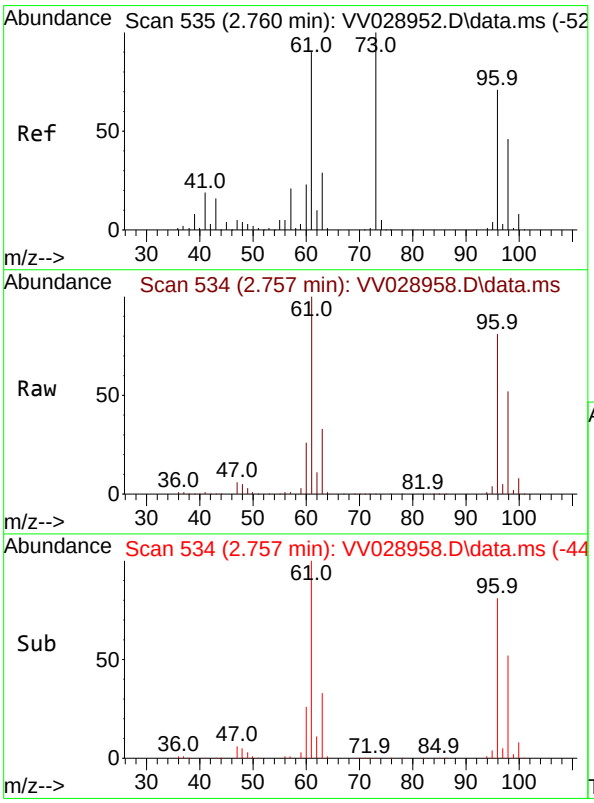
#14
Carbon disulfide
Concen: 0.475 ug/L
RT: 2.294 min Scan# 3
Delta R.T. 0.000 min
Lab File: VV028958.D
Acq: 14 Nov 2022 23:43

Instrument :
MSVOA_V
ClientSampleId :
H46B9

Tgt Ion: 76 Resp: 27476

Ion	Ratio	Lower	Upper
76	100		
78	8.4	7.4	11.2

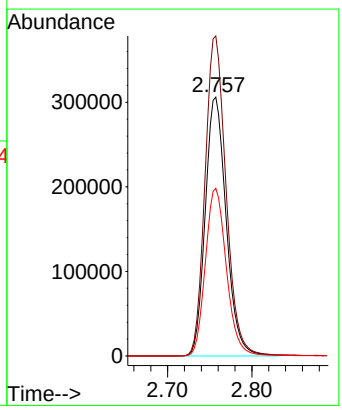


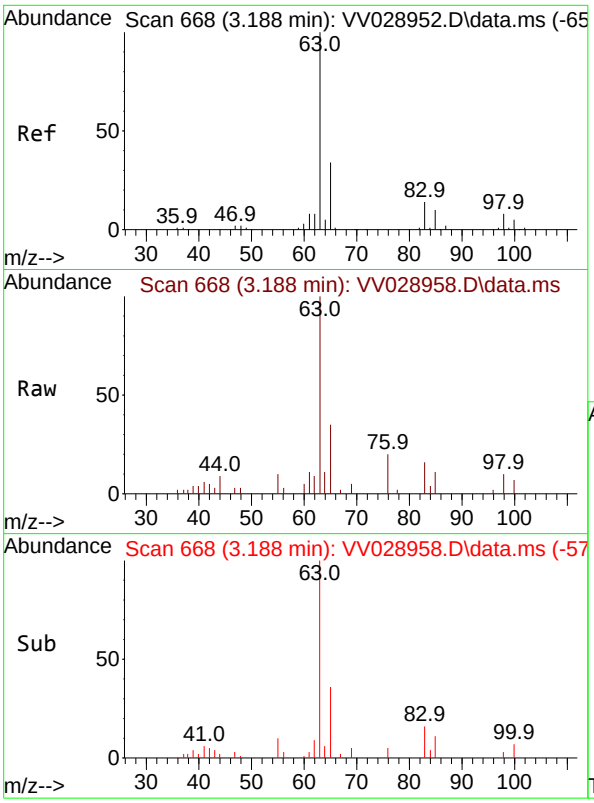


#18
trans-1,2-Dichloroethene
Concen: 28.067 ug/L
RT: 2.757 min Scan# 534
Delta R.T. -0.003 min
Lab File: VV028958.D
Acq: 14 Nov 2022 23:43

Tgt Ion: 96 Resp: 529769

Ion	Ratio	Lower	Upper
96	100		
61	123.6	91.8	170.6
98	64.8	46.4	86.2



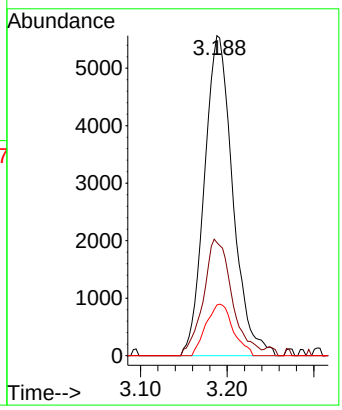


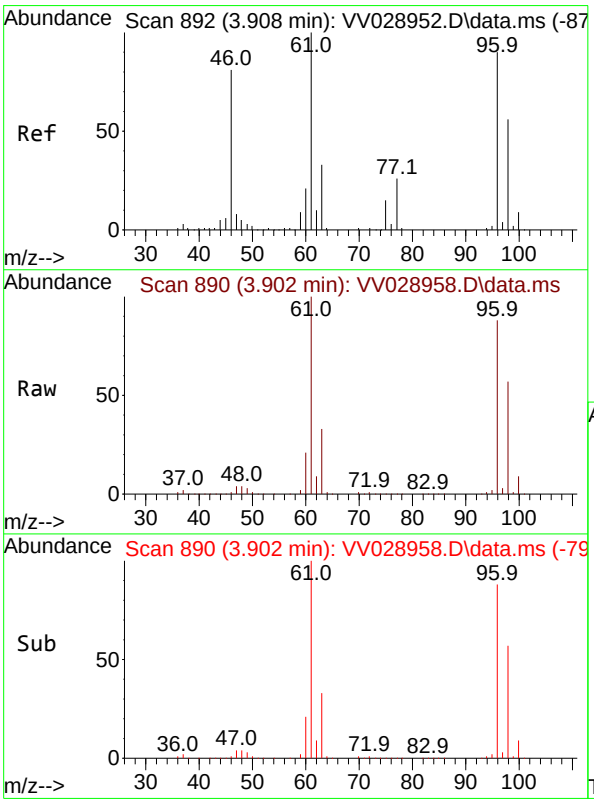
#19
1,1-Dichloroethane
Concen: 0.410 ug/L
RT: 3.188 min Scan# 6
Delta R.T. 0.000 min
Lab File: VV028958.D
Acq: 14 Nov 2022 23:43

Instrument :
MSVOA_V
ClientSampleId :
H46B9

Tgt Ion: 63 Resp: 12654

Ion	Ratio	Lower	Upper
63	100		
65	35.4	23.0	42.6
83	15.8	9.4	17.6

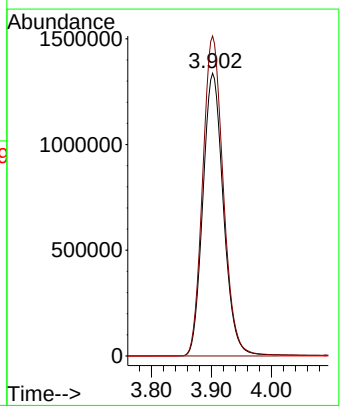


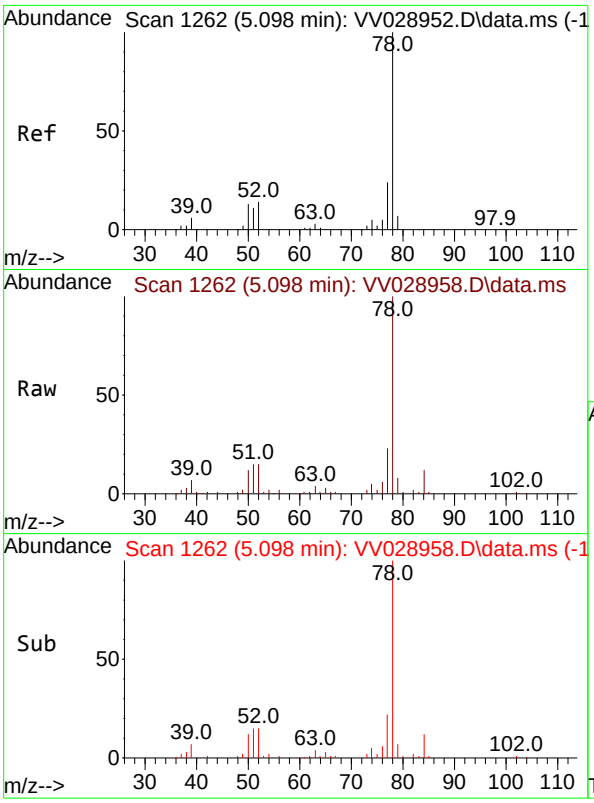


#22
cis-1,2-Dichloroethene
Concen: 166.015 ug/L
RT: 3.902 min Scan# 890
Delta R.T. -0.006 min
Lab File: VV028958.D
Acq: 14 Nov 2022 23:43

Tgt Ion: 96 Resp: 3185697

Ion	Ratio	Lower	Upper
96	100		
61	113.2	82.3	152.9
68	0.0	0.0	0.0

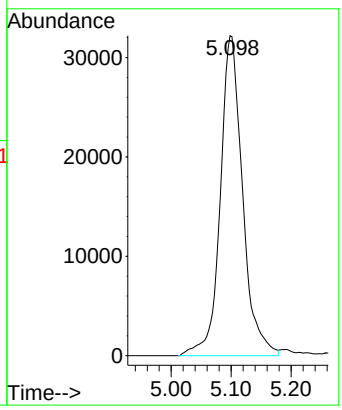


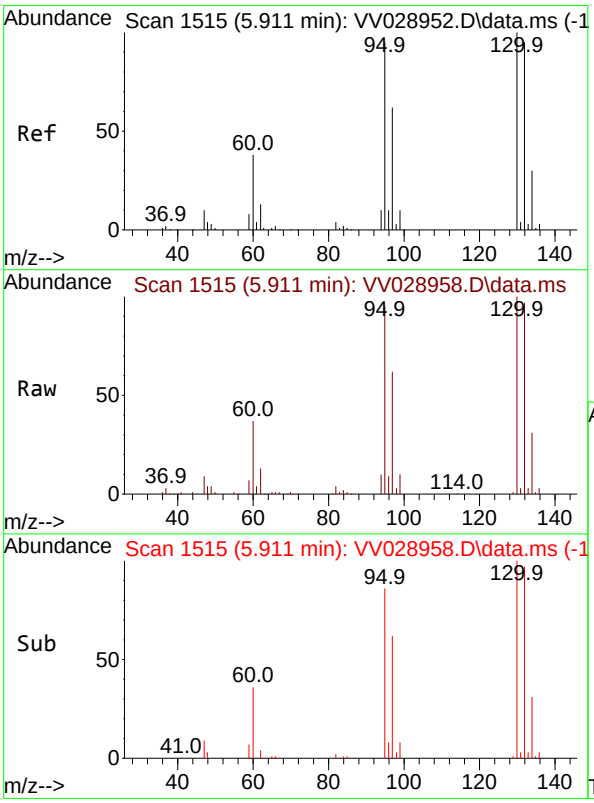


#33
Benzene
Concen: 1.091 ug/L
RT: 5.098 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV028958.D
Acq: 14 Nov 2022 23:43

Instrument :
MSVOA_V
ClientSampleId :
H46B9

Tgt Ion: 78 Resp: 82997

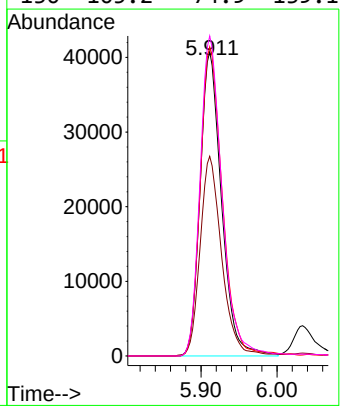


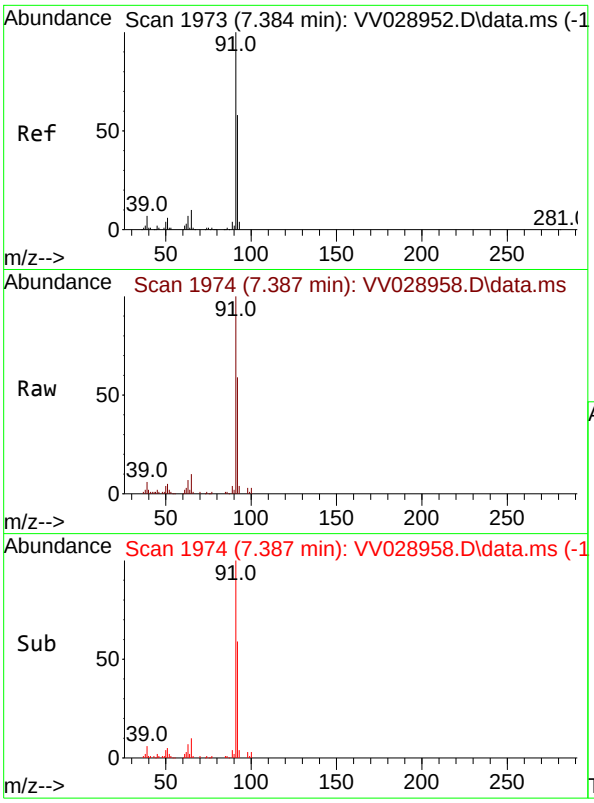


#34
Trichloroethene
Concen: 4.078 ug/L
RT: 5.911 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV028958.D
Acq: 14 Nov 2022 23:43

Tgt Ion: 95 Resp: 79427

Ion	Ratio	Lower	Upper
95	100		
97	65.7	45.6	84.8
132	101.6	69.1	128.3
130	105.2	74.9	139.1



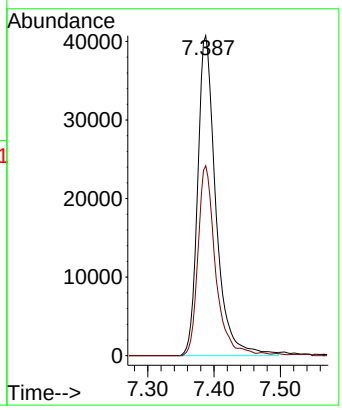


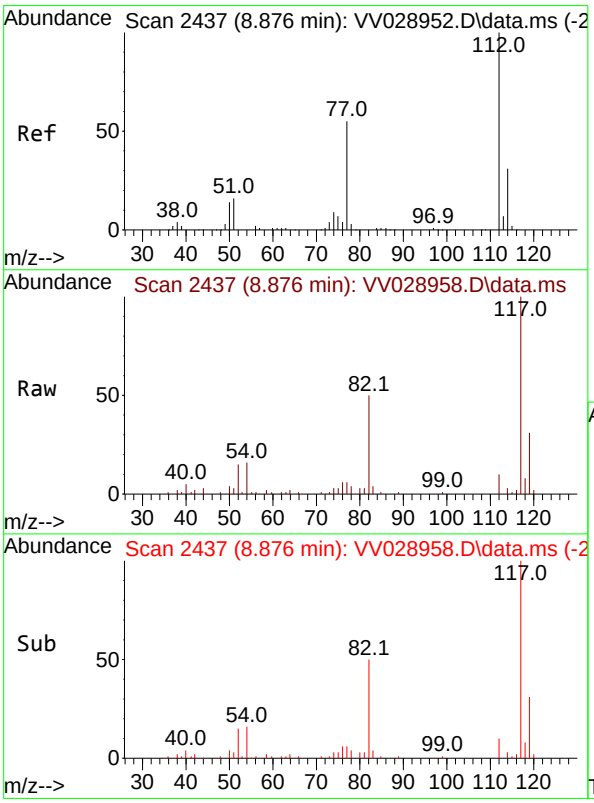
#42
Toluene
Concen: 0.944 ug/L
RT: 7.387 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV028958.D
Acq: 14 Nov 2022 23:43

Instrument :
MSVOA_V
ClientSampleId :
H46B9

Tgt Ion: 91 Resp: 77546

Ion	Ratio	Lower	Upper
91	100		
92	59.3	40.7	75.5

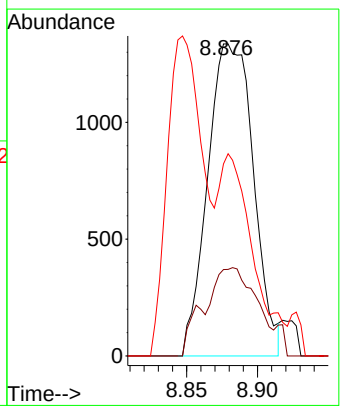


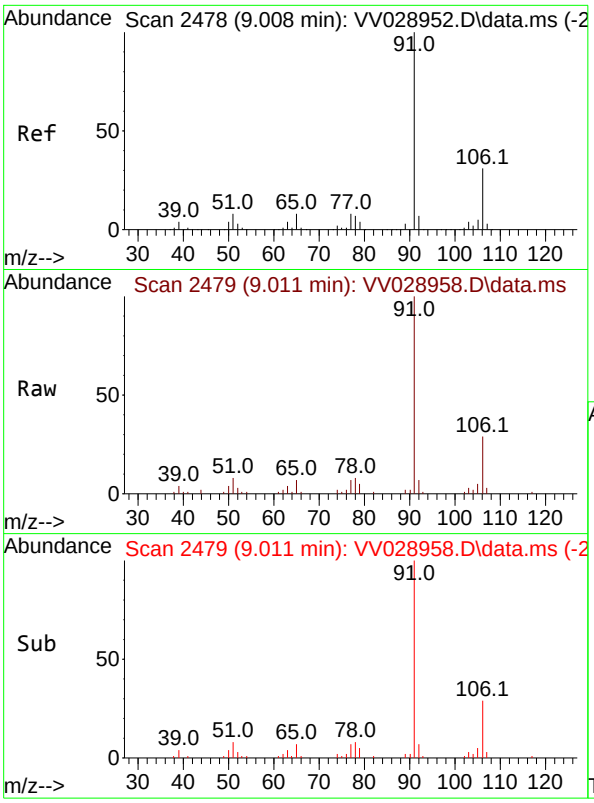


#51
Chlorobenzene
Concen: 0.059 ug/L
RT: 8.876 min Scan# 2437
Delta R.T. 0.000 min
Lab File: VV028958.D
Acq: 14 Nov 2022 23:43

Tgt Ion:112 Resp: 3003

Ion	Ratio	Lower	Upper
112	100		
114	27.7	22.4	41.6
77	61.5	44.4	66.6



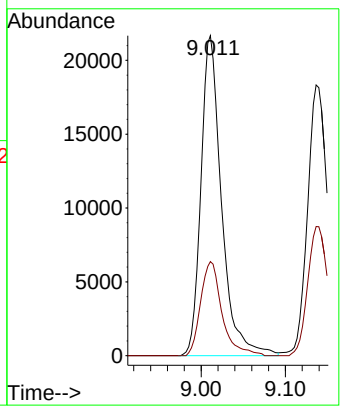


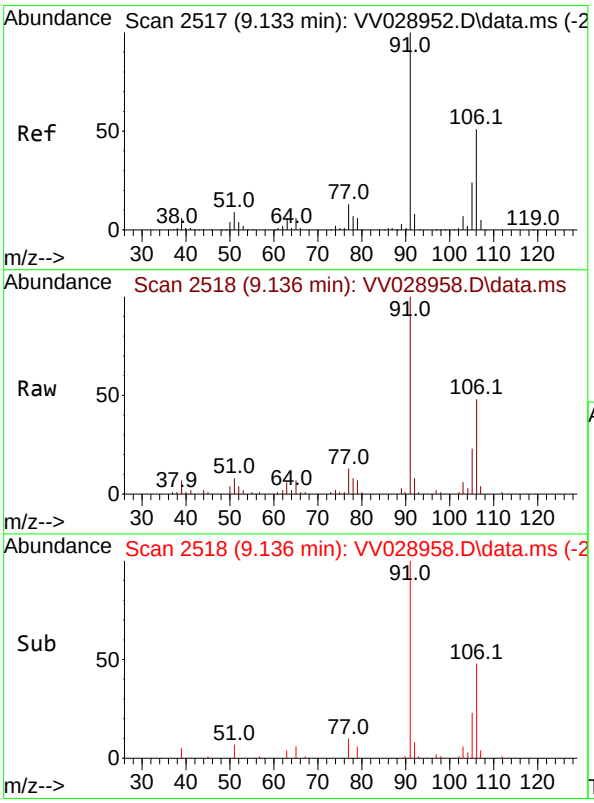
#52
Ethylbenzene
Concen: 0.431 ug/L
RT: 9.011 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV028958.D
Acq: 14 Nov 2022 23:43

Instrument :
MSVOA_V
ClientSampleId :
H46B9

Tgt Ion: 91 Resp: 36847

Ion	Ratio	Lower	Upper
91	100		
106	29.4	21.6	40.2

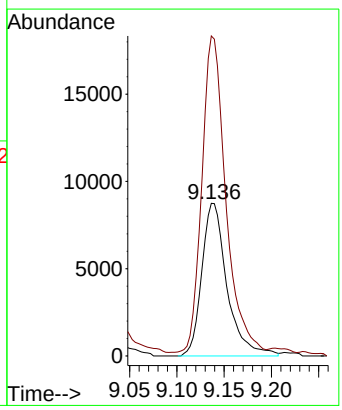


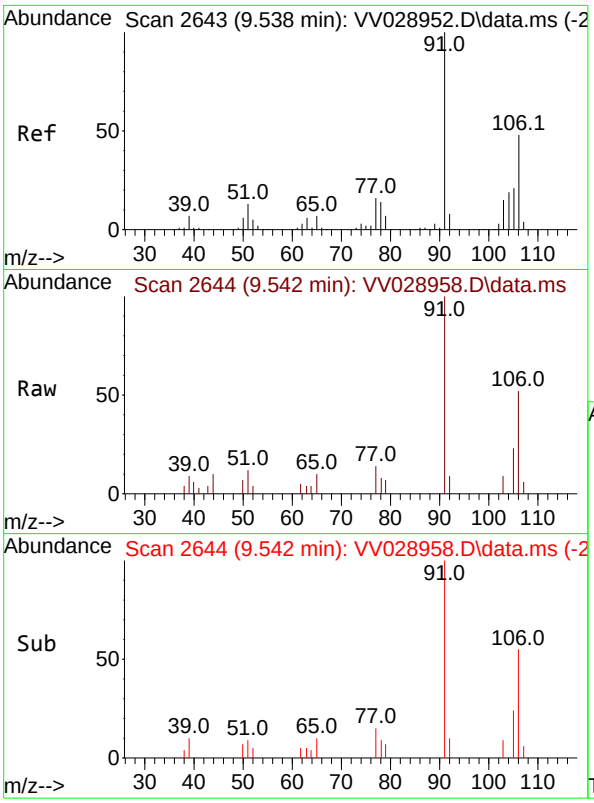


#53
m,p-Xylene
Concen: 0.477 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.003 min
Lab File: VV028958.D
Acq: 14 Nov 2022 23:43

Tgt Ion:106 Resp: 16229

Ion	Ratio	Lower	Upper
106	100		
91	209.7	139.1	258.3



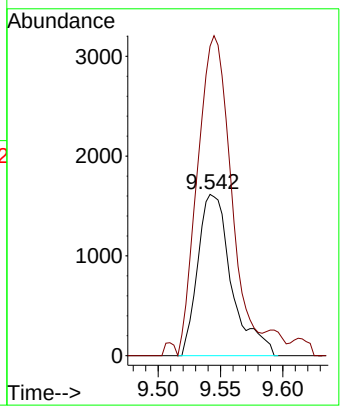


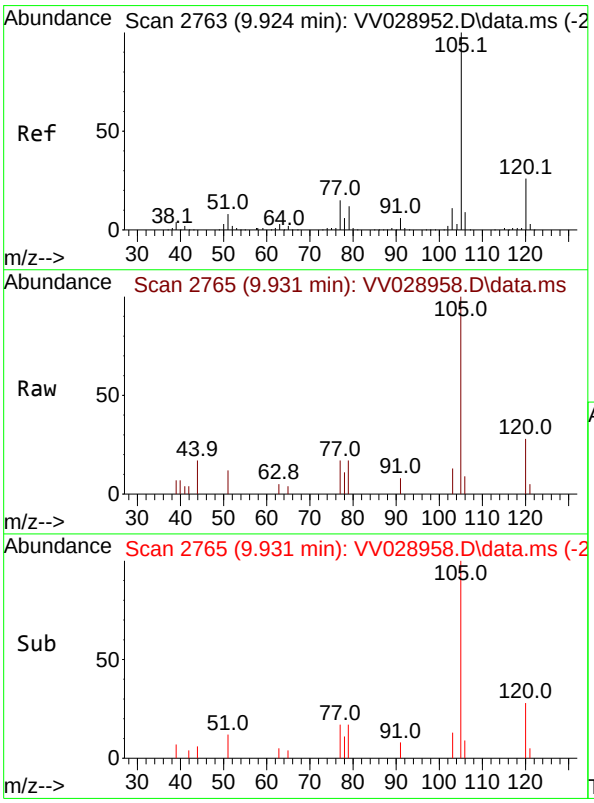
#54
o-Xylene
Concen: 0.094 ug/L
RT: 9.542 min Scan# 2
Delta R.T. 0.003 min
Lab File: VV028958.D
Acq: 14 Nov 2022 23:43

Instrument :
MSVOA_V
ClientSampleId :
H46B9

Tgt Ion:106 Resp: 3036

Ion	Ratio	Lower	Upper
106	100		
91	191.8	145.7	270.7





#60
Isopropylbenzene
Concen: 0.066 ug/L
RT: 9.931 min Scan# 2765
Delta R.T. 0.006 min
Lab File: VV028958.D
Acq: 14 Nov 2022 23:43

Tgt Ion:105 Resp: 5352

Ion	Ratio	Lower	Upper
105	100		
120	25.2	21.3	31.9
77	15.8	11.8	17.8