Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101022\
Data File : VV028498.D
Acq On : 10 Oct 2022 16:31
Operator : SY/MD
Sample : N5079-01
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BFYZ8

Quant Time: Oct 11 02:56:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 11 02:53:11 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.613	114	317577	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	290351	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	145488	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	76205	31.098	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 62.200%			
7) Chloroethane-d5	1.565	69	66436	34.192	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 68.380%#			
11) 1,1-Dichloroethene-d2	2.105	63	153701	36.855	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 73.700%			
21) 2-Butanone-d5	3.902	46	114824	53.528	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 53.530%			
24) Chloroform-d	4.343	84	191004	42.500	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.000%			
26) 1,2-Dichloroethane-d4	5.027	65	127489	43.986	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.980%			
32) Benzene-d6	5.043	84	386930	41.588	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 83.180%			
36) 1,2-Dichloropropane-d6	6.066	67	121182	39.949	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 79.900%			
41) Toluene-d8	7.310	98	358341	43.019	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 86.040%			
43) trans-1,3-Dichloroprop...	7.619	79	63054	40.781	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.560%			
47) 2-Hexanone-d5	8.085	63	121885	73.864	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 73.860%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	162775	39.214	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 78.420%			
66) 1,2-Dichlorobenzene-d4	11.616	152	136177	45.172	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.340%			
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	15223	5.635	ug/L #	80
8) Chloroethane	1.307	64	9567	5.834	ug/L	89
12) 1,1-Dichloroethene	2.114	96	70200	37.792	ug/L	96
17) trans-1,2-Dichloroethene	2.757	96	2318	1.070	ug/L	88
19) 1,1-Dichloroethane	3.182	63	1280890	289.402	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	30938	12.534	ug/L	85
30) 1,1,1-Trichloroethane	4.603	97	5024921	1339.664	ug/L	98
31) Carbon tetrachloride	4.603	117	635759	202.480	ug/L	99
33) Benzene	5.098	78	22462	2.352	ug/L	100
35) Methylcyclohexane	6.066	83	28558	6.934	ug/L #	18
51) Chlorobenzene	8.876	112	29686	4.807	ug/L	99
65) 1,4-Dichlorobenzene	11.265	146	2282	0.499	ug/L	95
67) 1,2-Dichlorobenzene	11.635	146	11438	2.472	ug/L	98

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

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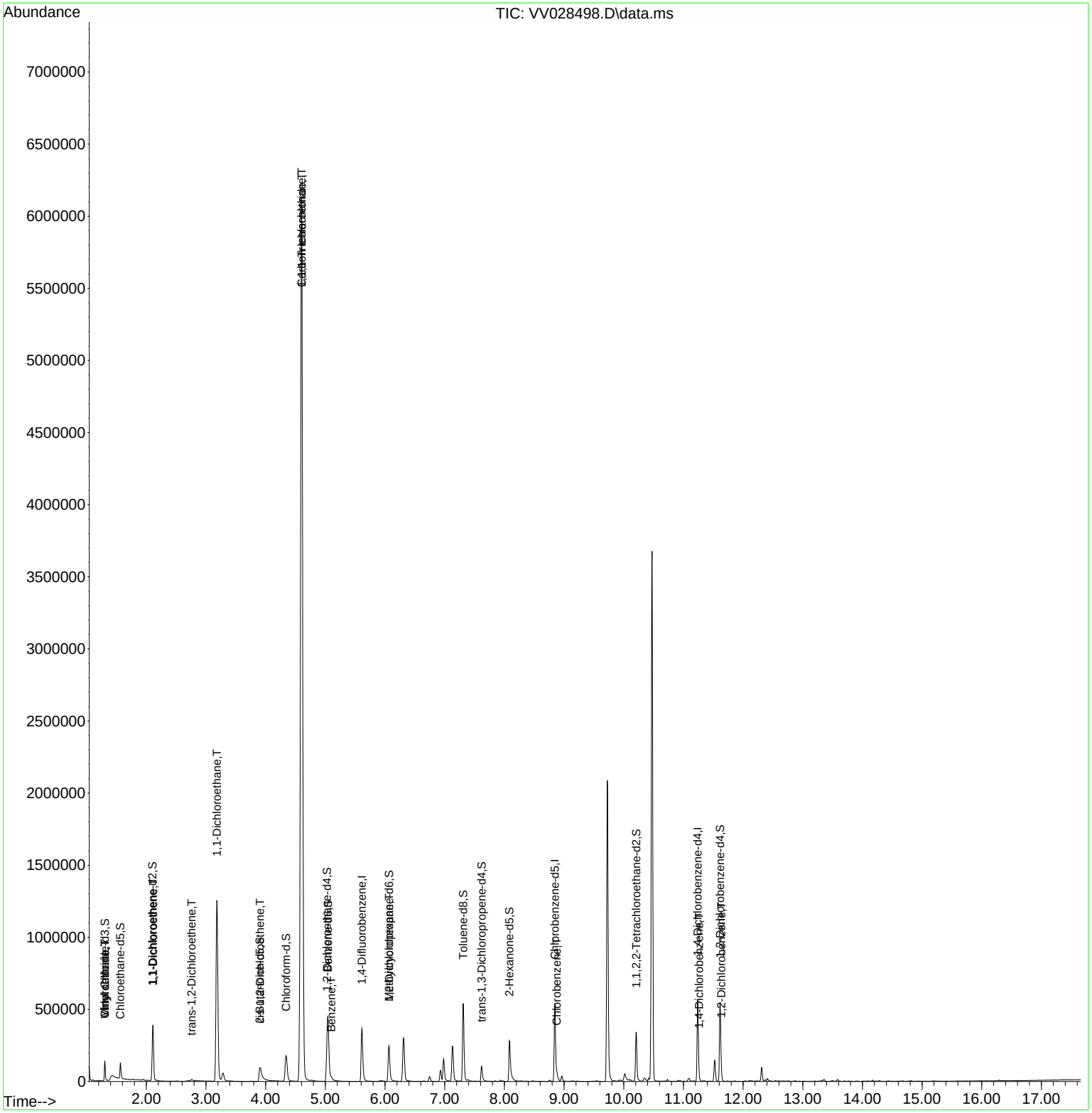
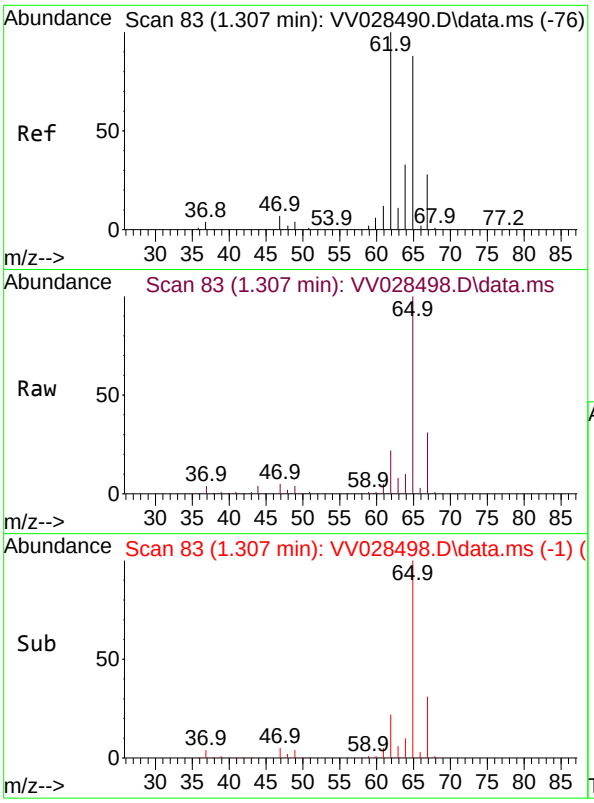
Quant Time: Oct 11 02:56:47 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100722WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Oct 11 02:53:11 2022
Response via : Initial Calibration



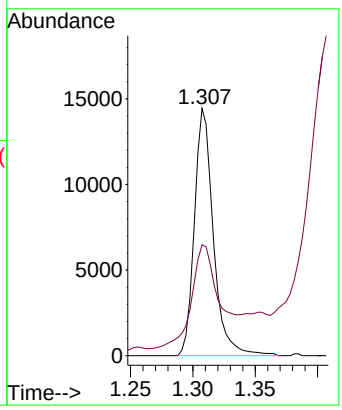


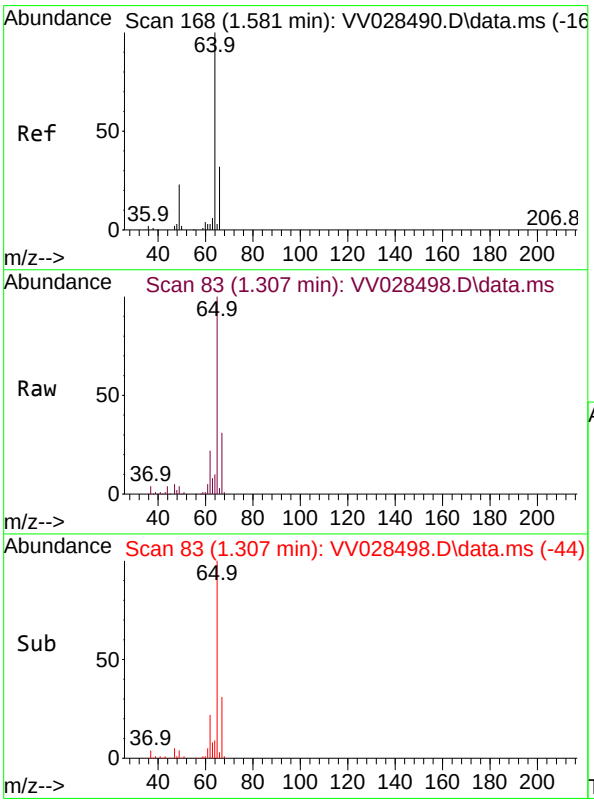
#5
Vinyl chloride
Concen: 5.635 ug/L
RT: 1.307 min Scan# 8
Delta R.T. -0.000 min
Lab File: VV028498.D
Acq: 10 Oct 2022 16:31

Instrument :
MSVOA_V
ClientSampleId :
BFYZ8

Tgt Ion: 62 Resp: 15223

Ion	Ratio	Lower	Upper
62	100		
64	44.9	23.3	43.3#

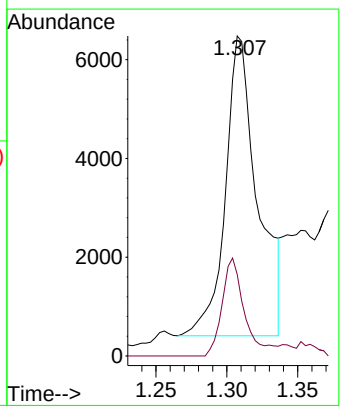


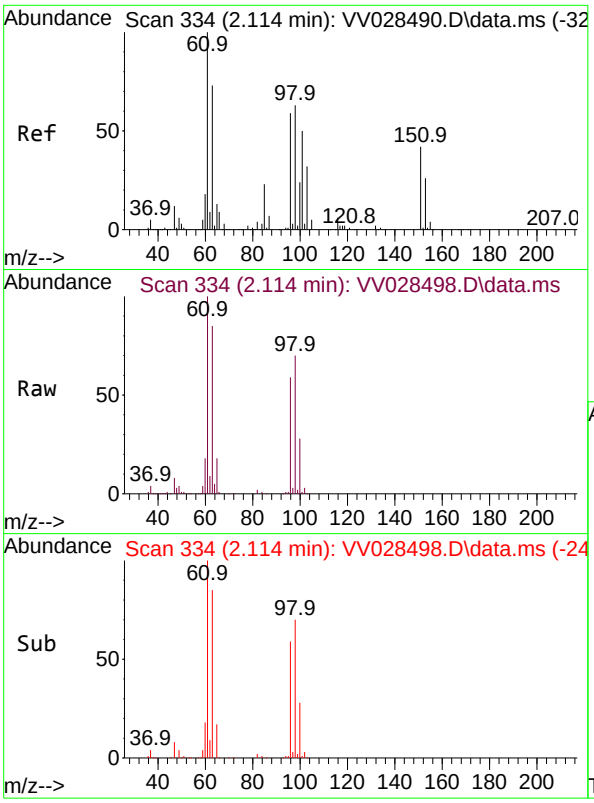


#8
Chloroethane
Concen: 5.834 ug/L
RT: 1.307 min Scan# 83
Delta R.T. -0.273 min
Lab File: VV028498.D
Acq: 10 Oct 2022 16:31

Tgt Ion: 64 Resp: 9567

Ion	Ratio	Lower	Upper
64	100		
66	25.4	22.2	41.2



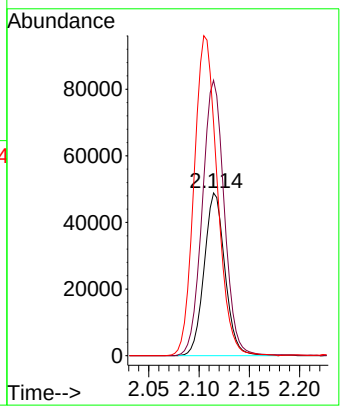


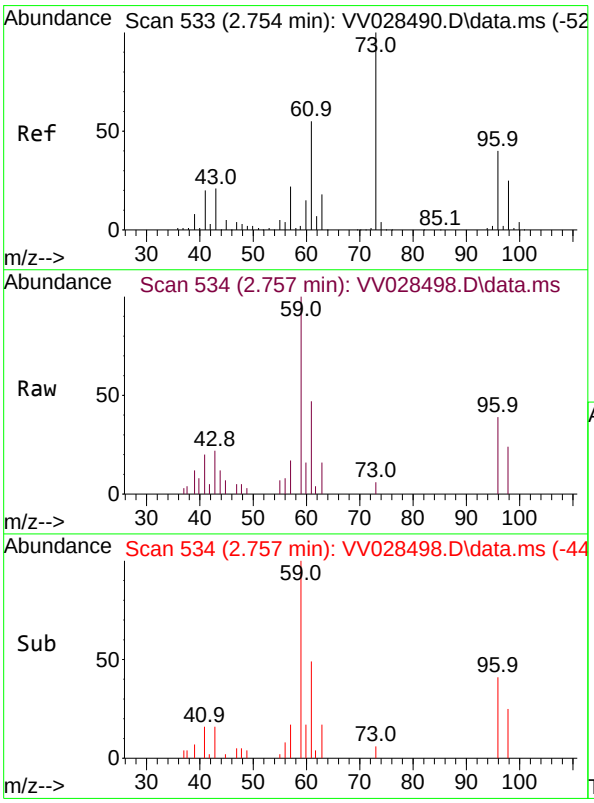
#12
1,1-Dichloroethene
Concen: 37.792 ug/L
RT: 2.114 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV028498.D
Acq: 10 Oct 2022 16:31

Instrument :
MSVOA_V
ClientSampleId :
BFYZ8

Tgt Ion: 96 Resp: 70200

Ion	Ratio	Lower	Upper
96	100		
61	169.1	125.6	233.2
63	143.3	100.0	185.6

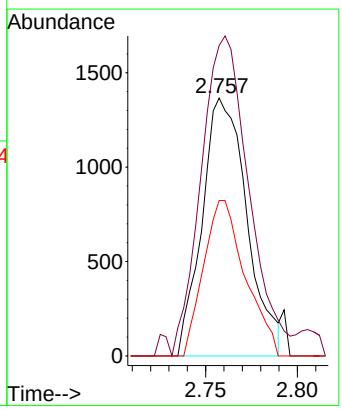


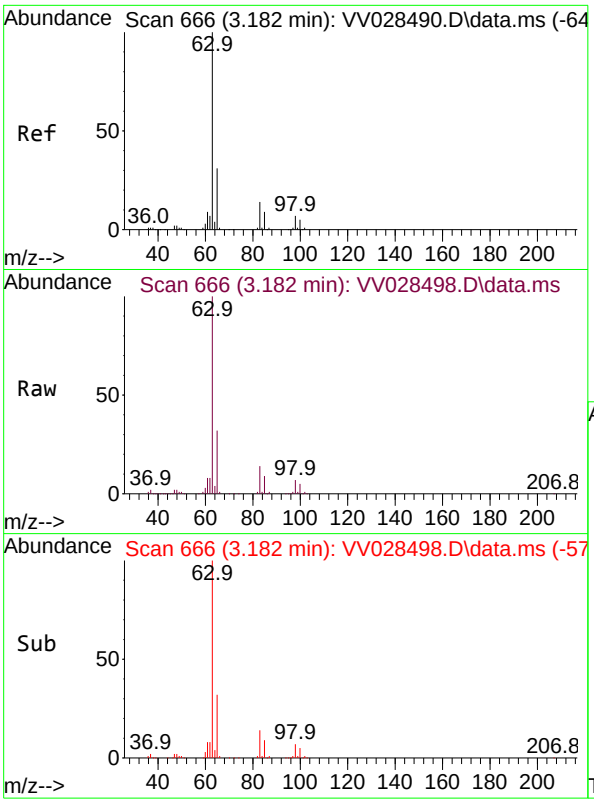


#17
trans-1,2-Dichloroethene
Concen: 1.070 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.003 min
Lab File: VV028498.D
Acq: 10 Oct 2022 16:31

Tgt Ion: 96 Resp: 2318

Ion	Ratio	Lower	Upper
96	100		
61	130.5	104.8	194.6
98	60.3	44.5	82.7



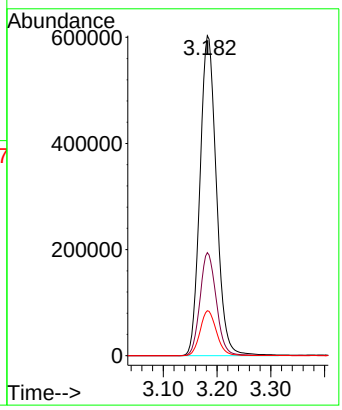


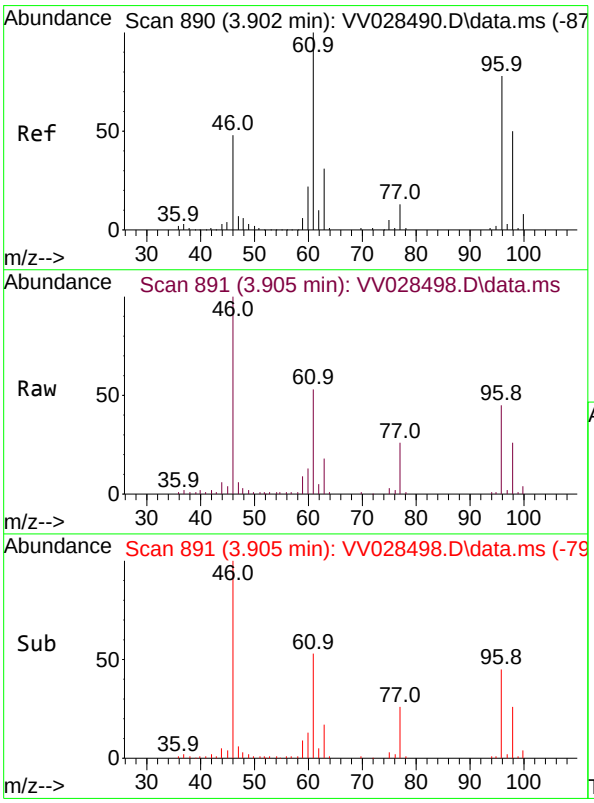
#19
1,1-Dichloroethane
Concen: 289.402 ug/L
RT: 3.182 min Scan# 6
Delta R.T. -0.000 min
Lab File: VV028498.D
Acq: 10 Oct 2022 16:31

Instrument :
MSVOA_V
ClientSampleId :
BFYZ8

Tgt Ion: 63 Resp: 1280890

Ion	Ratio	Lower	Upper
63	100		
65	32.2	22.6	42.0
83	14.0	9.2	17.0

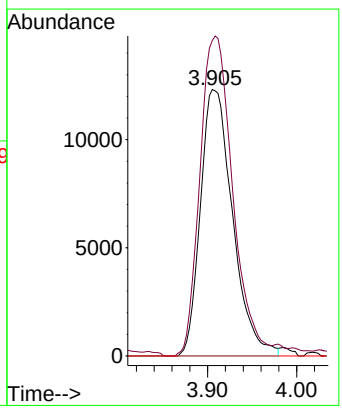


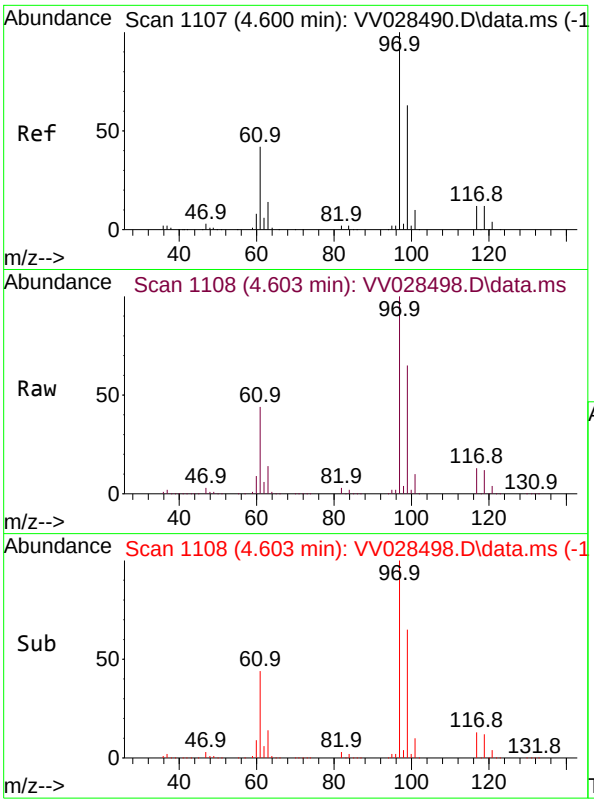


#20
cis-1,2-Dichloroethene
Concen: 12.534 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV028498.D
Acq: 10 Oct 2022 16:31

Tgt Ion: 96 Resp: 30938

Ion	Ratio	Lower	Upper
96	100		
61	118.4	95.0	176.4
68	0.0	0.0	0.0



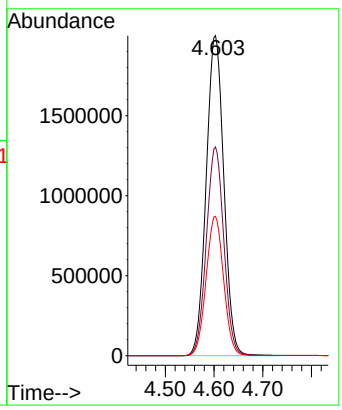


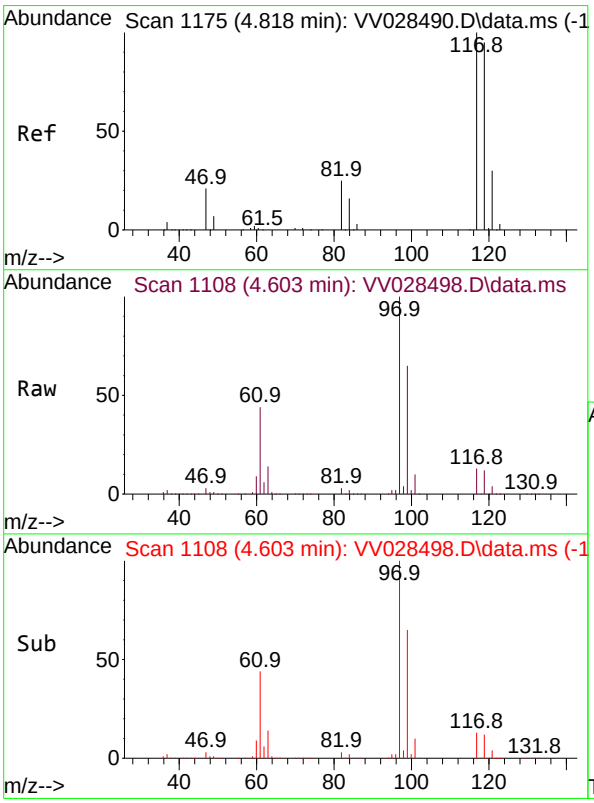
#30
1,1,1-Trichloroethane
Concen: 1339.664 ug/L
RT: 4.603 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV028498.D
Acq: 10 Oct 2022 16:31

Instrument :
MSVOA_V
ClientSampleId :
BFYZ8

Tgt Ion: 97 Resp: 5024921

Ion	Ratio	Lower	Upper
97	100		
99	64.6	50.2	75.2
61	43.2	35.8	53.6

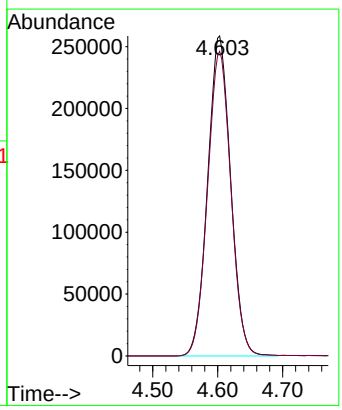


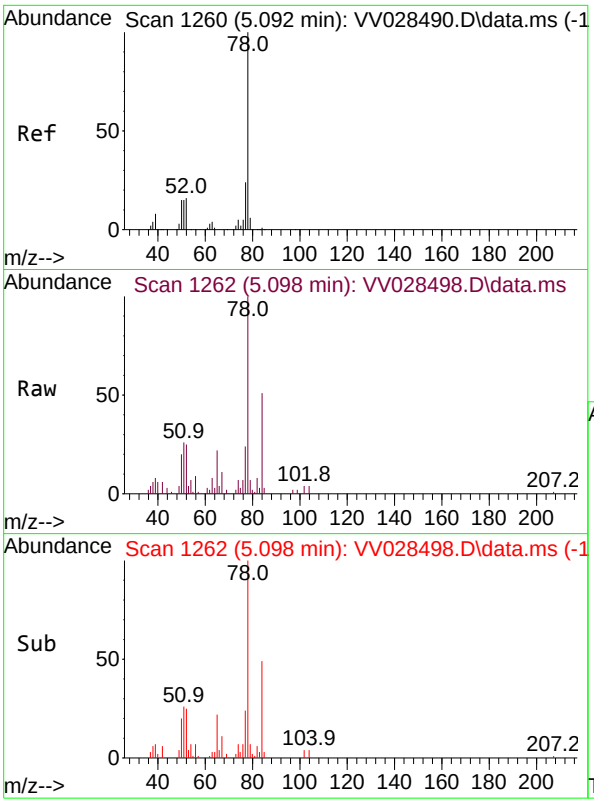


#31
Carbon tetrachloride
Concen: 202.480 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. -0.215 min
Lab File: VV028498.D
Acq: 10 Oct 2022 16:31

Tgt Ion:117 Resp: 635759

Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.0	117.0

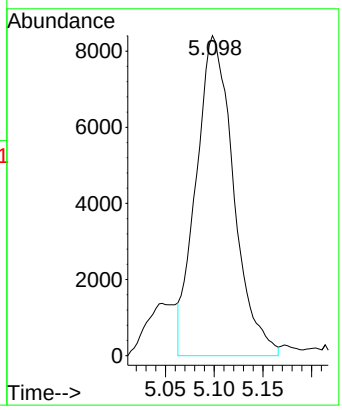


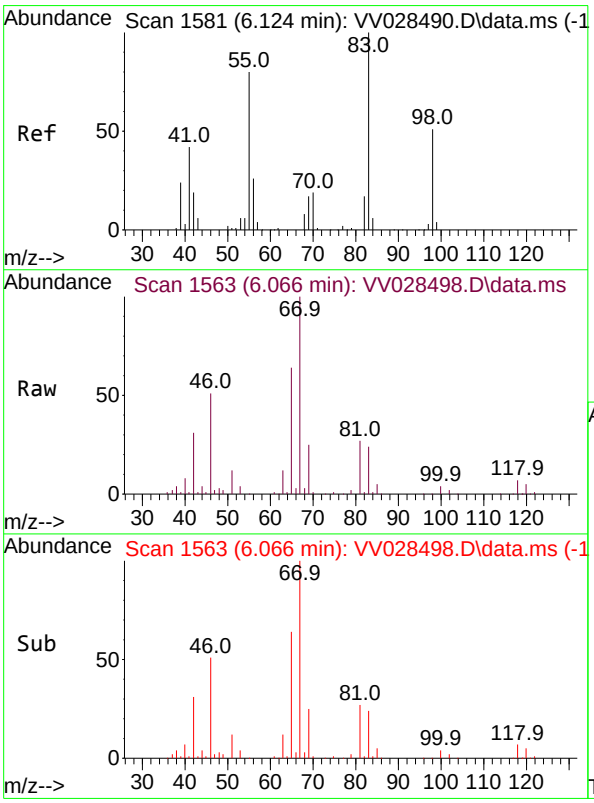


#33
Benzene
Concen: 2.352 ug/L
RT: 5.098 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV028498.D
Acq: 10 Oct 2022 16:31

Instrument :
MSVOA_V
ClientSampleId :
BFYZ8

Tgt Ion: 78 Resp: 22462

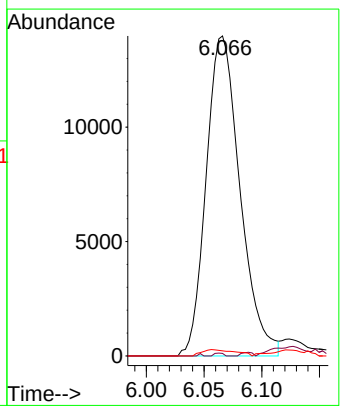


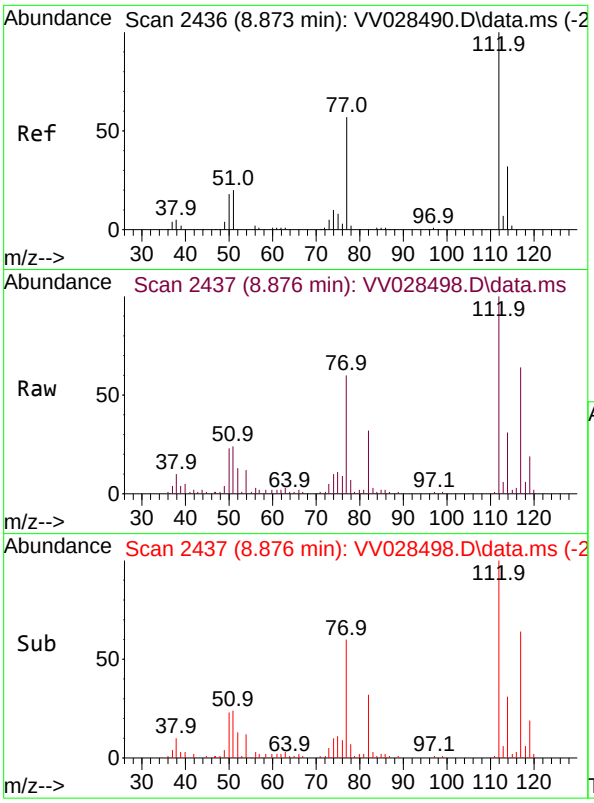


#35
Methylcyclohexane
Concen: 6.934 ug/L
RT: 6.066 min Scan# 1563
Delta R.T. -0.058 min
Lab File: VV028498.D
Acq: 10 Oct 2022 16:31

Tgt Ion: 83 Resp: 28558

Ion	Ratio	Lower	Upper
83	100		
55	0.2	63.7	95.5#
98	2.0	38.2	57.2#



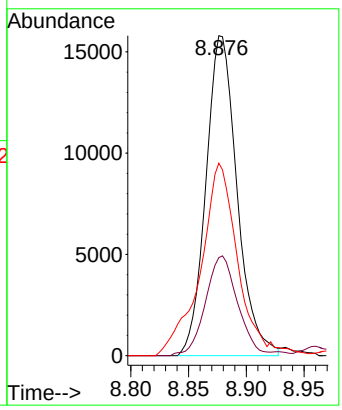


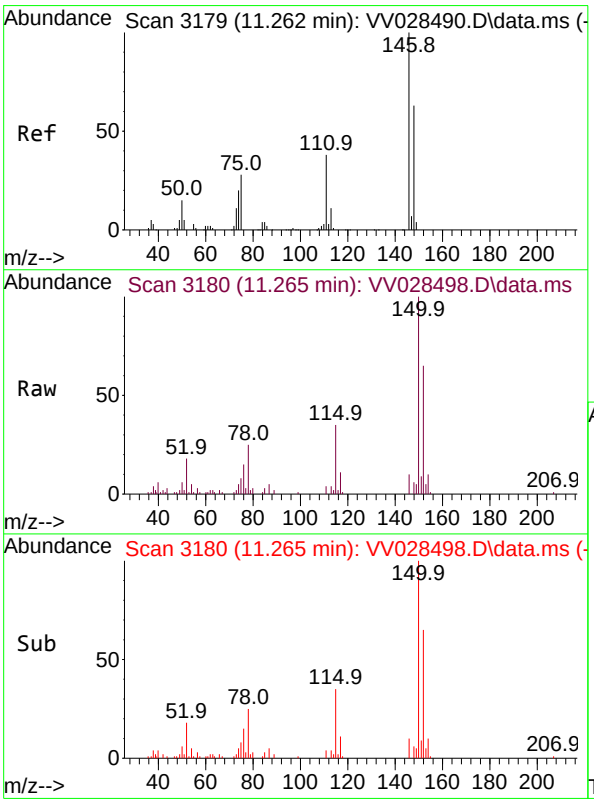
#51
Chlorobenzene
Concen: 4.807 ug/L
RT: 8.876 min Scan# 24
Delta R.T. 0.003 min
Lab File: VV028498.D
Acq: 10 Oct 2022 16:31

Instrument :
MSVOA_V
ClientSampleId :
BFYZ8

Tgt Ion:112 Resp: 29686

Ion	Ratio	Lower	Upper
112	100		
114	30.7	21.7	40.3
77	60.1	48.7	73.1

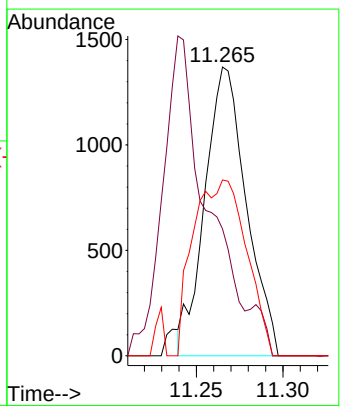


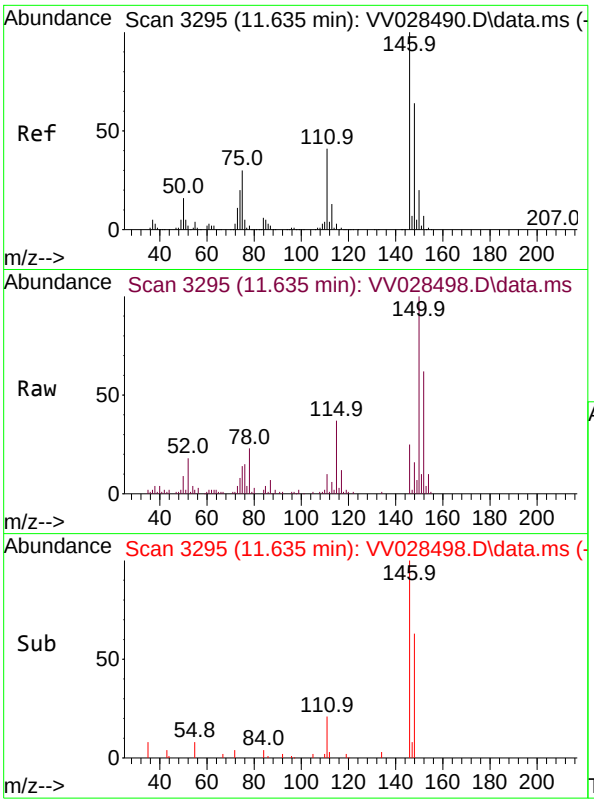


#65
1,4-Dichlorobenzene
Concen: 0.499 ug/L
RT: 11.265 min Scan# 3180
Delta R.T. 0.003 min
Lab File: VV028498.D
Acq: 10 Oct 2022 16:31

Tgt Ion:146 Resp: 2282

Ion	Ratio	Lower	Upper
146	100		
111	43.9	26.6	49.4
148	60.9	43.4	80.6





#67
1,2-Dichlorobenzene
Concen: 2.472 ug/L
RT: 11.635 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV028498.D
Acq: 10 Oct 2022 16:31

Instrument :
MSVOA_V
ClientSampleId :
BFYZ8

Tgt Ion:146 Resp: 11438

Ion	Ratio	Lower	Upper
146	100		
111	39.5	33.9	50.9
148	62.5	50.6	75.8