Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV071222\
Data File : VV026738.D
Acq On : 12 Jul 2022 20:14
Operator : SY/MD
Sample : N3601-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUB9

Quant Time: Jul 13 03:05:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR071122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Jul 13 02:57:58 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	188392	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	183133	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	69537	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.301	65	67733	3.941	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 78.800%			
7) Chloroethane-d5	1.561	69	64016	4.311	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.200%			
11) 1,1-Dichloroethene-d2	2.101	63	97571	2.957	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.200%#			
20) 2-Butanone-d5	3.899	46	183230	68.308	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 136.620%#			
24) Chloroform-d	4.346	84	135744	4.517	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.400%			
26) 1,2-Dichloroethane-d4	5.030	65	65162	4.963	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.200%			
32) Benzene-d6	5.047	84	232671	4.181	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.600%			
36) 1,2-Dichloropropane-d6	6.069	67	78467	4.703	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.000%			
41) Toluene-d8	7.313	98	157201	3.182	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 63.600%#			
43) trans-1,3-Dichloroprop...	7.628	79	13874	2.542	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 50.800%#			
46) 2-Hexanone-d5	8.088	63	117394	49.671	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.340%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	63889	4.915	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.400%			
66) 1,2-Dichlorobenzene-d4	11.625	152	57333	4.732	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.600%			
Target Compounds						Qvalue
3) Chloromethane	1.240	50	8282	0.360	ug/L	99
5) Vinyl chloride	1.304	62	23368	0.999	ug/L	90
12) 1,1-Dichloroethene	2.111	96	8398	0.508	ug/L #	1
15) Methyl Acetate	2.449	43	2730	0.598	ug/L #	82
16) Methylene chloride	2.500	84	16730	0.850	ug/L	97
18) trans-1,2-Dichloroethene	2.754	96	159890	10.531	ug/L	99
22) cis-1,2-Dichloroethene	3.905	96	1175766	76.783	ug/L	97
34) Trichloroethene	5.918	95	7252	0.482	ug/L	91
51) Chlorobenzene	8.886	112	2733	0.070	ug/L	91

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

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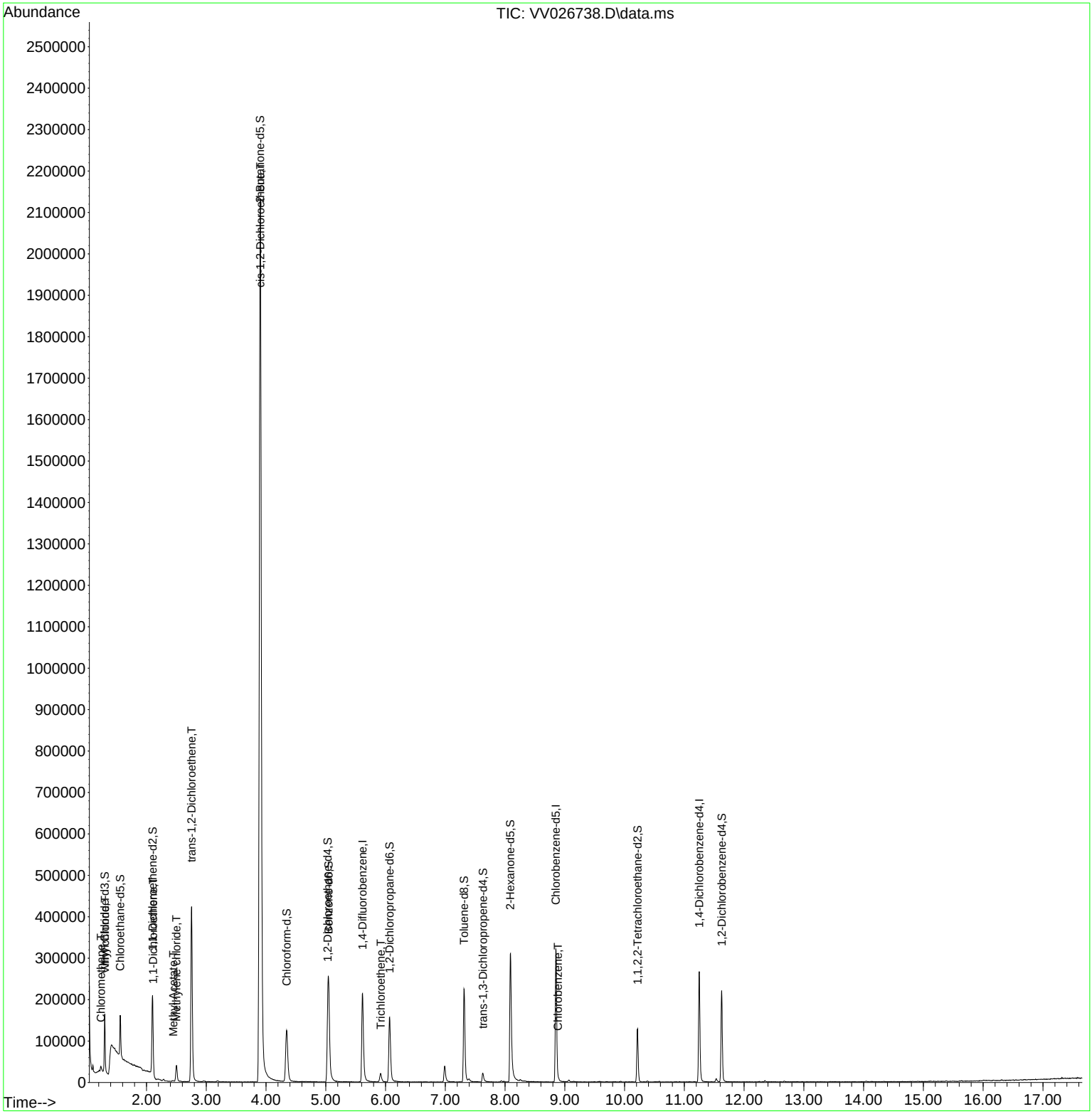
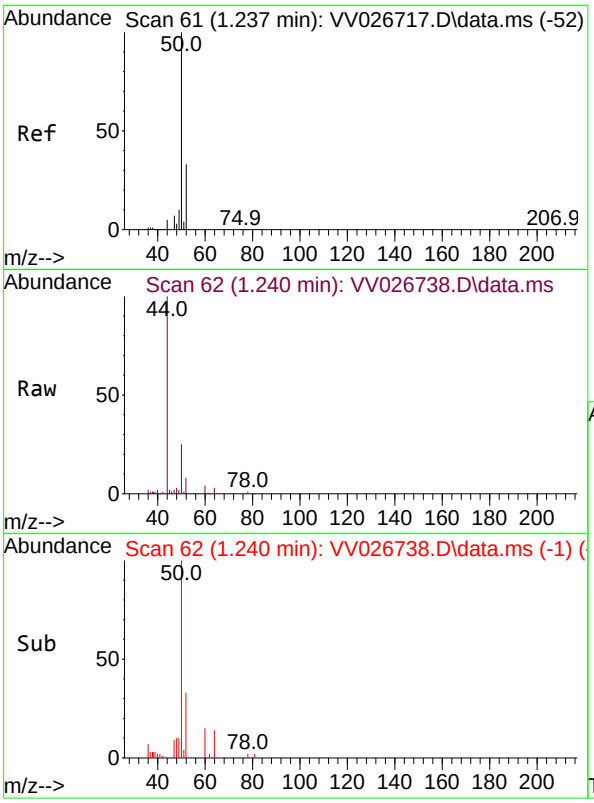


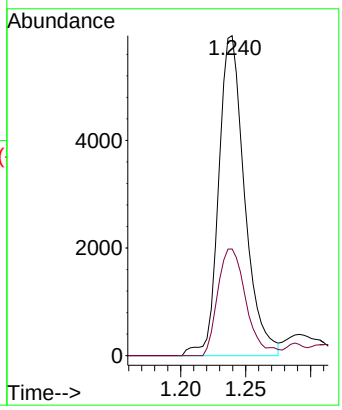


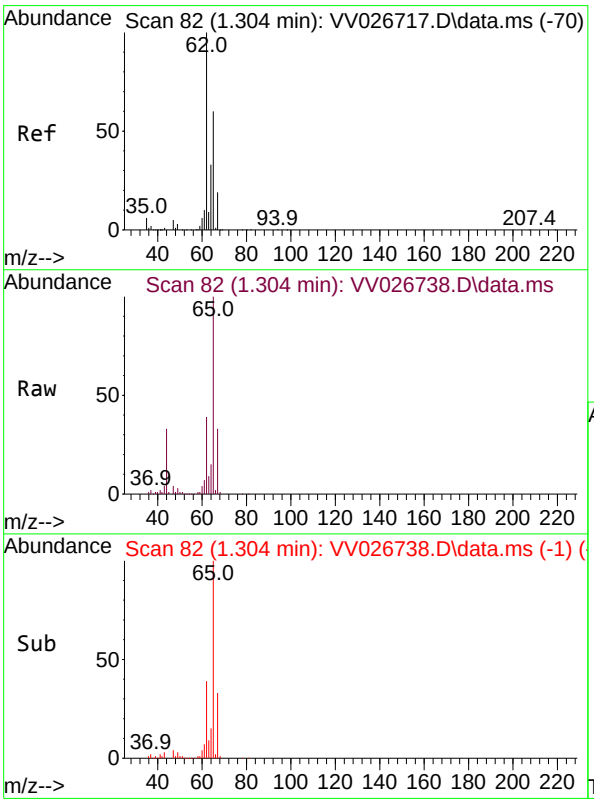
#3
Chloromethane
Concen: 0.360 ug/L
RT: 1.240 min Scan# 6
Delta R.T. 0.003 min
Lab File: VV026738.D
Acq: 12 Jul 2022 20:14

Instrument :
MSVOA_V
ClientSampleId :
DBUB9

Tgt Ion: 50 Resp: 8282

Ion	Ratio	Lower	Upper
50	100		
52	33.3	22.8	42.4

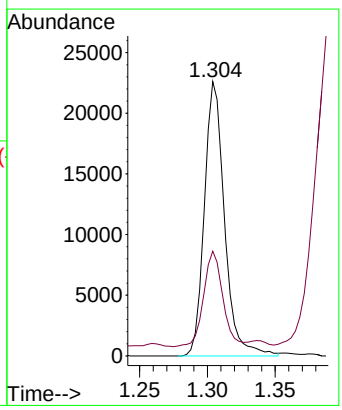


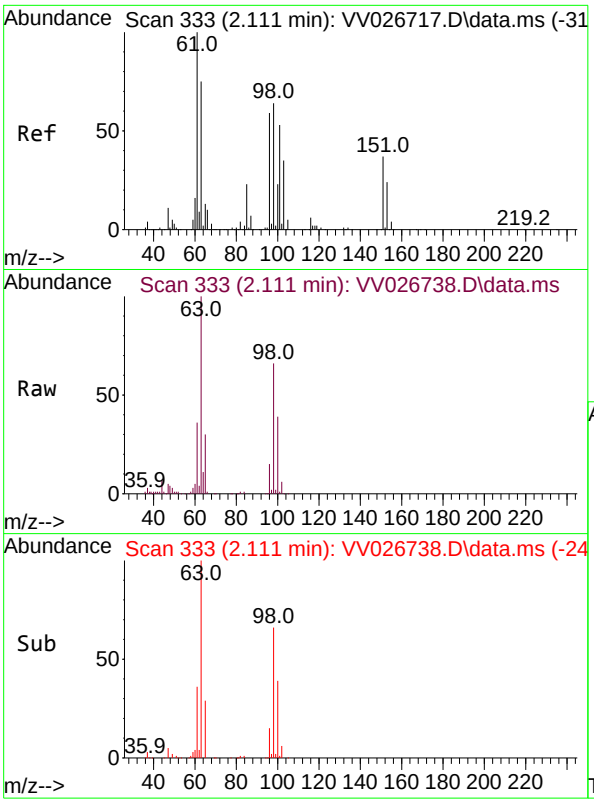


#5
Vinyl chloride
Concen: 0.999 ug/L
RT: 1.304 min Scan# 82
Delta R.T. -0.000 min
Lab File: VV026738.D
Acq: 12 Jul 2022 20:14

Tgt Ion: 62 Resp: 23368

Ion	Ratio	Lower	Upper
62	100		
64	38.2	22.9	42.5



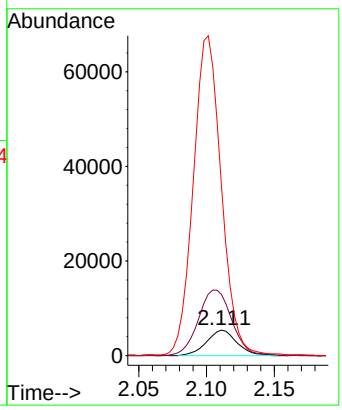


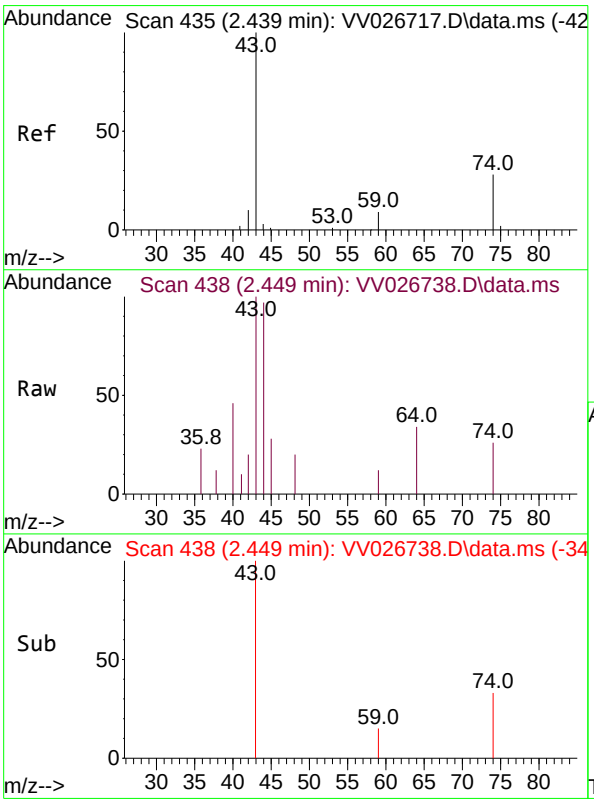
#12
1,1-Dichloroethene
Concen: 0.508 ug/L
RT: 2.111 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV026738.D
Acq: 12 Jul 2022 20:14

Instrument :
MSVOA_V
ClientSampleId :
DBUB9

Tgt Ion: 96 Resp: 8398

Ion	Ratio	Lower	Upper
96	100		
61	239.6	118.3	219.7#
63	667.3	79.9	148.3#

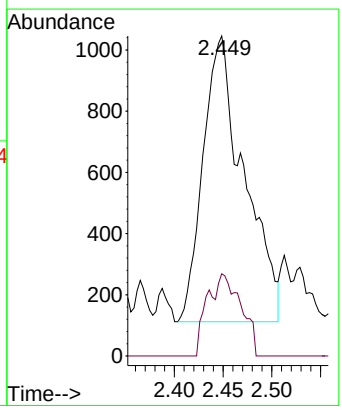


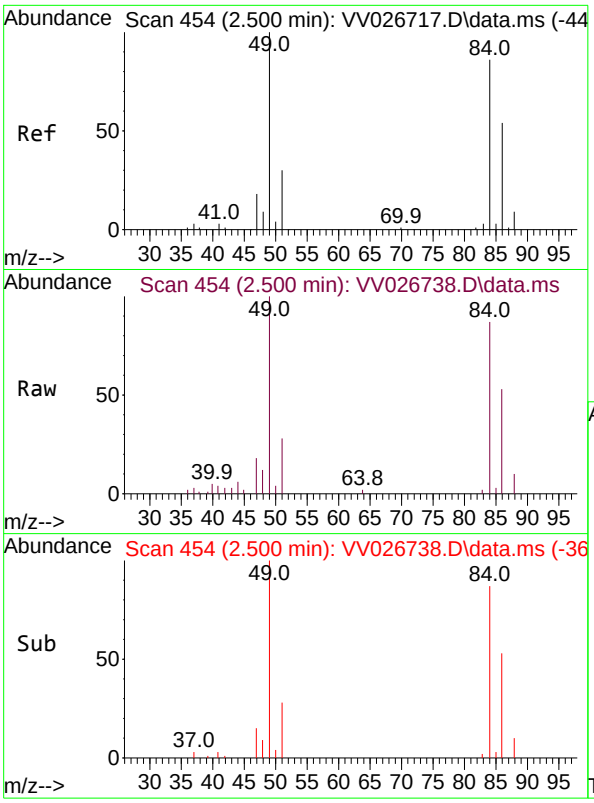


#15
Methyl Acetate
Concen: 0.598 ug/L
RT: 2.449 min Scan# 438
Delta R.T. 0.009 min
Lab File: VV026738.D
Acq: 12 Jul 2022 20:14

Tgt Ion: 43 Resp: 2730

Ion	Ratio	Lower	Upper
43	100		
74	16.1	20.1	30.1#



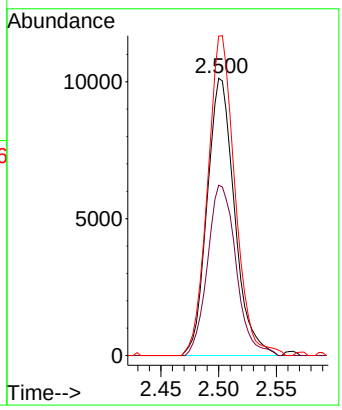


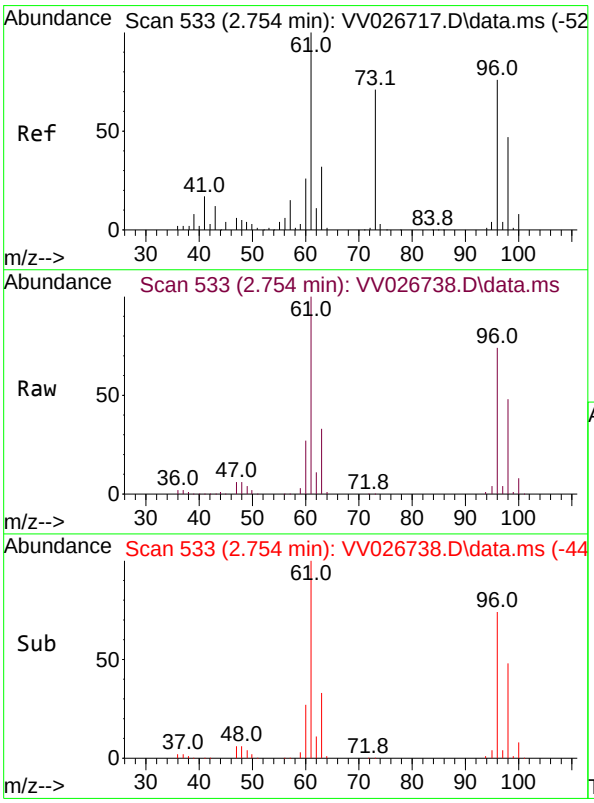
#16
Methylene chloride
Concen: 0.850 ug/L
RT: 2.500 min Scan# 4
Delta R.T. -0.000 min
Lab File: VV026738.D
Acq: 12 Jul 2022 20:14

Instrument :
MSVOA_V
ClientSampleId :
DBUB9

Tgt Ion: 84 Resp: 16730

Ion	Ratio	Lower	Upper
84	100		
86	61.4	44.8	83.2
49	115.1	78.7	146.1

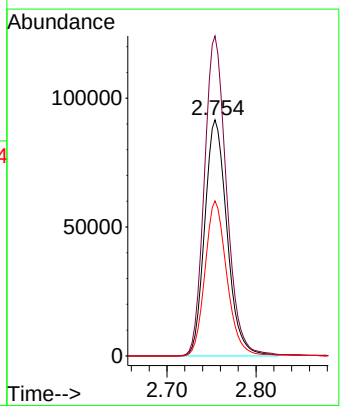


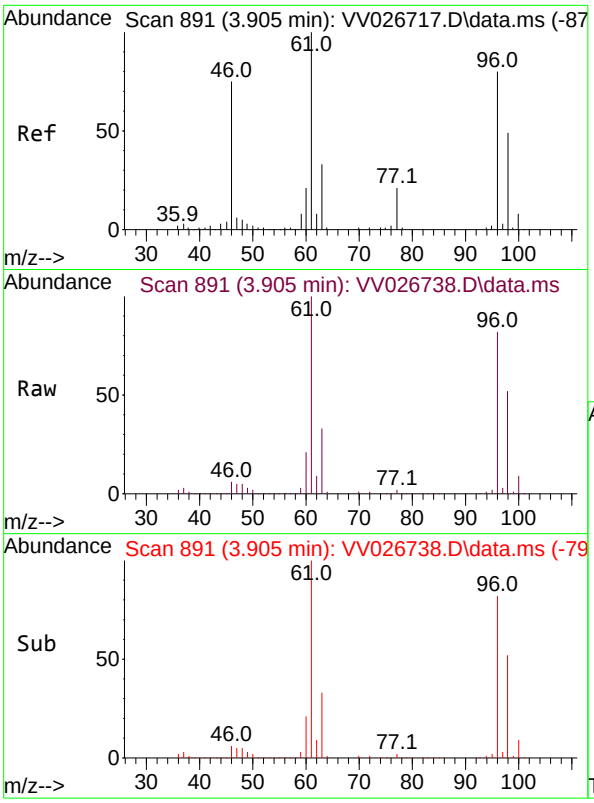


#18
trans-1,2-Dichloroethene
Concen: 10.531 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.000 min
Lab File: VV026738.D
Acq: 12 Jul 2022 20:14

Tgt Ion: 96 Resp: 159890

Ion	Ratio	Lower	Upper
96	100		
61	135.5	94.7	175.9
98	65.6	47.4	88.0



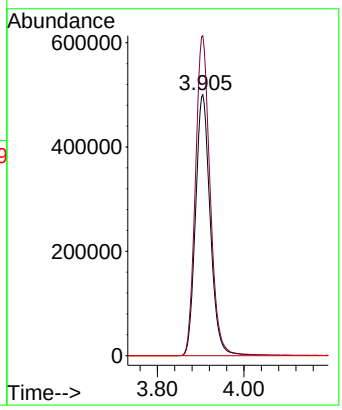


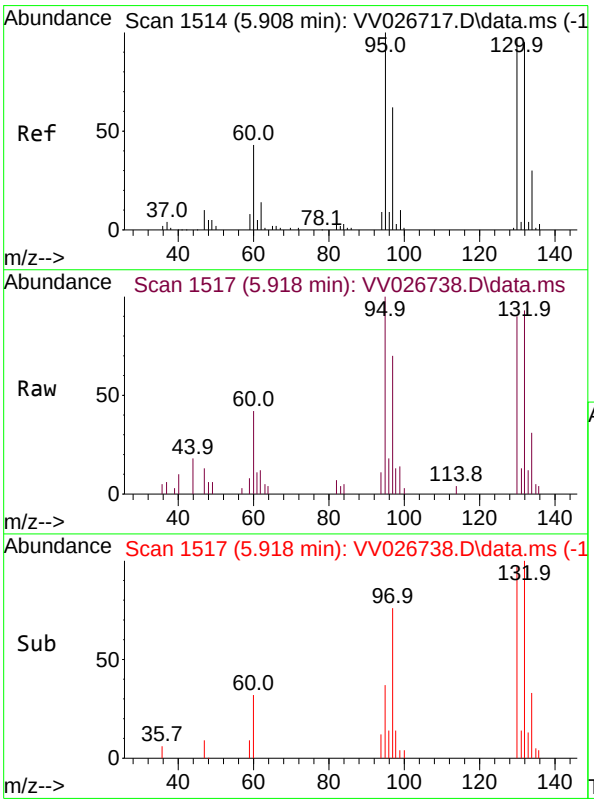
#22
cis-1,2-Dichloroethene
Concen: 76.783 ug/L
RT: 3.905 min Scan# 89
Delta R.T. -0.000 min
Lab File: VV026738.D
Acq: 12 Jul 2022 20:14

Instrument :
MSVOA_V
ClientSampleId :
DBUB9

Tgt Ion: 96 Resp: 1175766

Ion	Ratio	Lower	Upper
96	100		
61	122.7	83.9	155.9
68	0.0	0.0	0.0

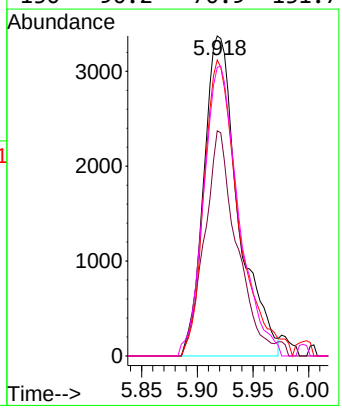


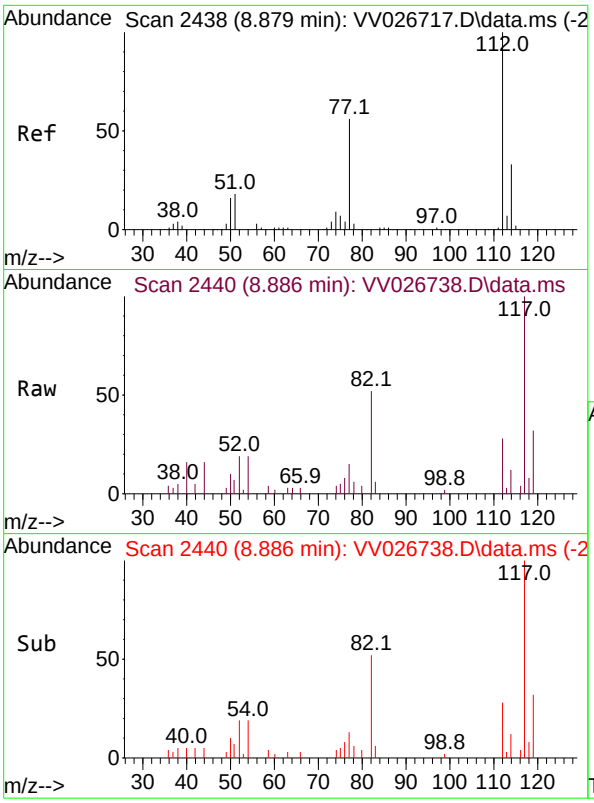


#34
Trichloroethene
Concen: 0.482 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.009 min
Lab File: VV026738.D
Acq: 12 Jul 2022 20:14

Tgt Ion: 95 Resp: 7252

Ion	Ratio	Lower	Upper
95	100		
97	70.3	44.6	82.8
132	92.5	70.2	130.4
130	90.2	70.9	131.7





#51
Chlorobenzene
Concen: 0.070 ug/L
RT: 8.886 min Scan# 24
Delta R.T. 0.006 min
Lab File: VV026738.D
Acq: 12 Jul 2022 20:14

Instrument :
MSVOA_V
ClientSampleId :
DBUB9

Tgt Ion:112 Resp: 2733

Ion	Ratio	Lower	Upper
112	100		
114	40.7	22.7	42.1
77	54.1	46.6	70.0