Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV070822\
Data File : VV026704.D
Acq On : 08 Jul 2022 18:24
Operator : SY/MD
Sample : N3601-20 50X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
DBUB3

Quant Time: Jul 08 23:58:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 08 23:50:05 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.622	114	186539	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	182399	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	70131	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.317	65	54876	3.658	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 73.200%			
7) Chloroethane-d5	1.577	69	52358	4.344	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 86.800%			
11) 1,1-Dichloroethene-d2	2.118	63	76527	2.871	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.400%#			
20) 2-Butanone-d5	3.921	46	66604	44.657	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 89.320%			
24) Chloroform-d	4.359	84	118424	4.829	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.600%			
26) 1,2-Dichloroethane-d4	5.043	65	48075	5.090	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 101.800%			
32) Benzene-d6	5.056	84	206018	3.932	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.600%			
36) 1,2-Dichloropropane-d6	6.076	67	67470	4.683	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.600%			
41) Toluene-d8	7.320	98	149480	3.173	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 63.400%#			
43) trans-1,3-Dichloroprop...	7.632	79	12839	3.448	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 69.000%			
46) 2-Hexanone-d5	8.095	63	70909	49.991	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 99.980%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	49227	5.223	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 104.400%			
66) 1,2-Dichlorobenzene-d4	11.625	152	55362	4.770	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.400%			
Target Compounds						Qvalue
3) Chloromethane	1.253	50	1240	0.080	ug/L #	74
5) Vinyl chloride	1.320	62	4430	0.268	ug/L #	1
6) Bromomethane	1.539	94	847	0.095	ug/L	99
8) Chloroethane	1.320	64	2017	0.179	ug/L	95
12) 1,1-Dichloroethene	2.124	96	2380	0.189	ug/L #	1
16) Methylene chloride	2.519	84	8496	0.635	ug/L	93
18) trans-1,2-Dichloroethene	2.773	96	6008	0.467	ug/L	92
22) cis-1,2-Dichloroethene	3.925	96	162797	12.754	ug/L	93
34) Trichloroethene	5.918	95	294101	21.006	ug/L	97
35) Methylcyclohexane	6.072	83	16805	0.811	ug/L #	20
37) 1,2-Dichloropropane	6.079	63	7113	0.554	ug/L #	85
45) 1,1,2-Trichloroethane	7.976	97	2738	0.338	ug/L #	1
47) Tetrachloroethene	7.976	164	350924	31.481	ug/L	99
49) Dibromochloromethane	7.976	129	322404	39.336	ug/L #	11
61) 1,2,3-Trichloropropane	11.246	75	7709	1.698	ug/L #	65

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

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Instrument :
MSVOA_V
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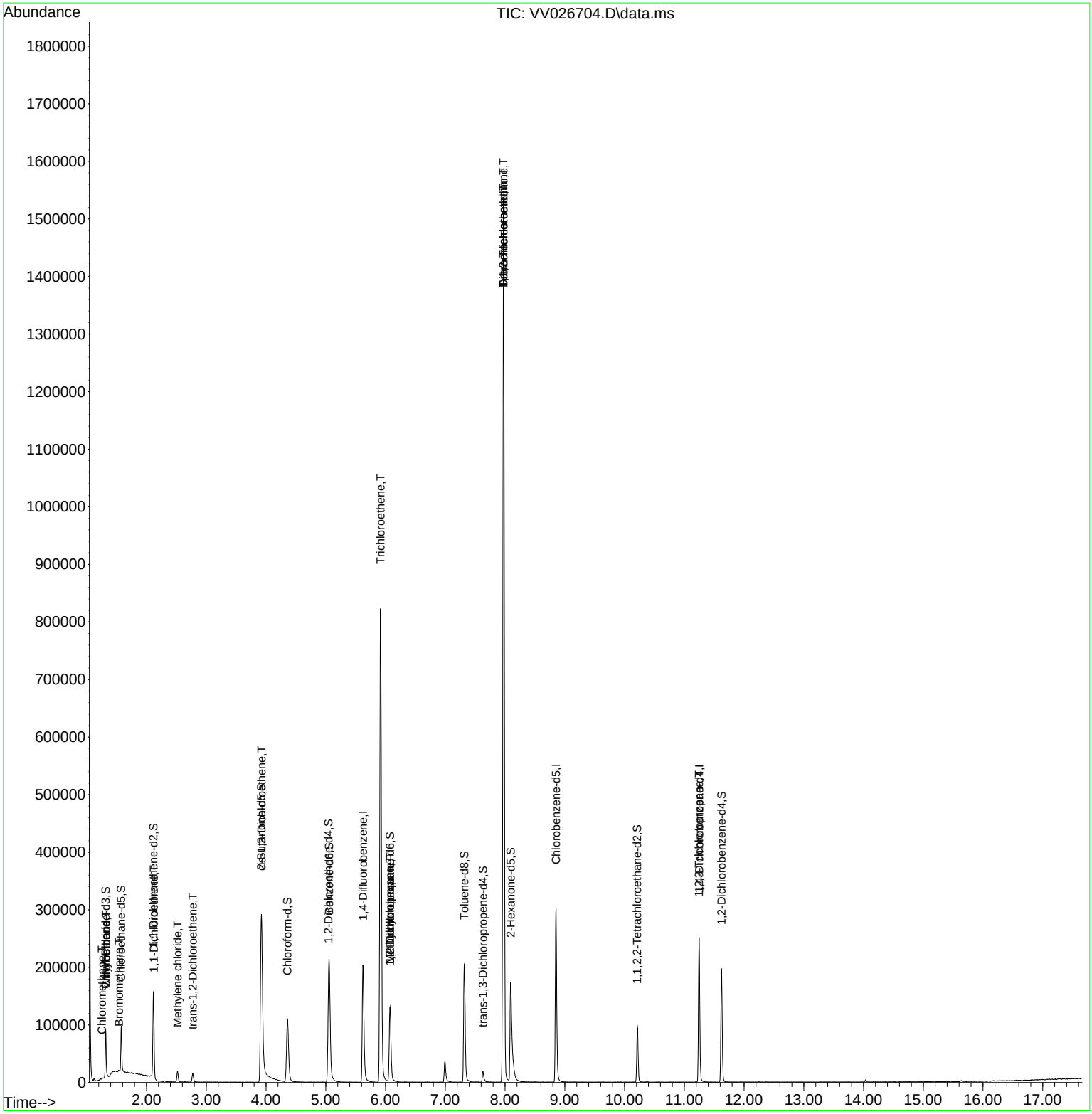
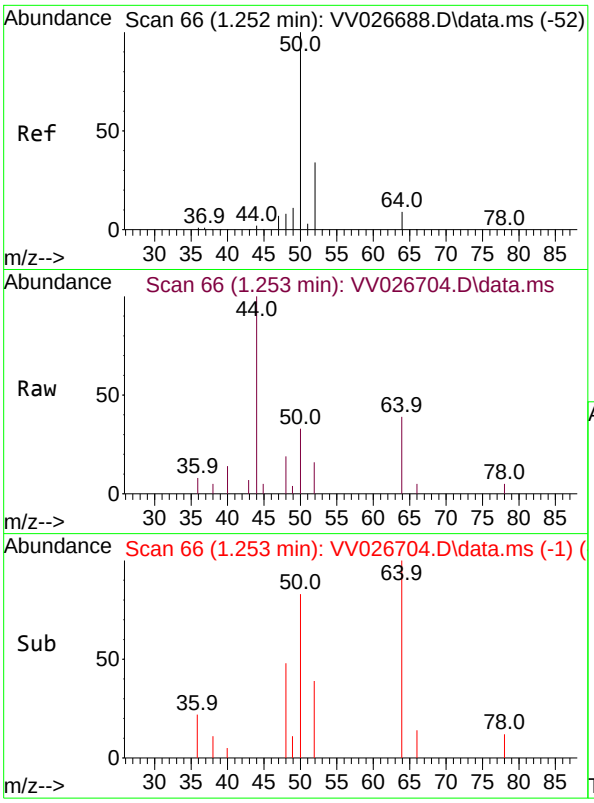
DBUB3

Quant Time: Jul 08 23:58:48 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR062322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 08 23:50:05 2022
Response via : Initial Calibration



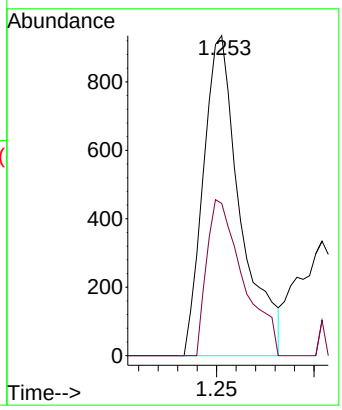


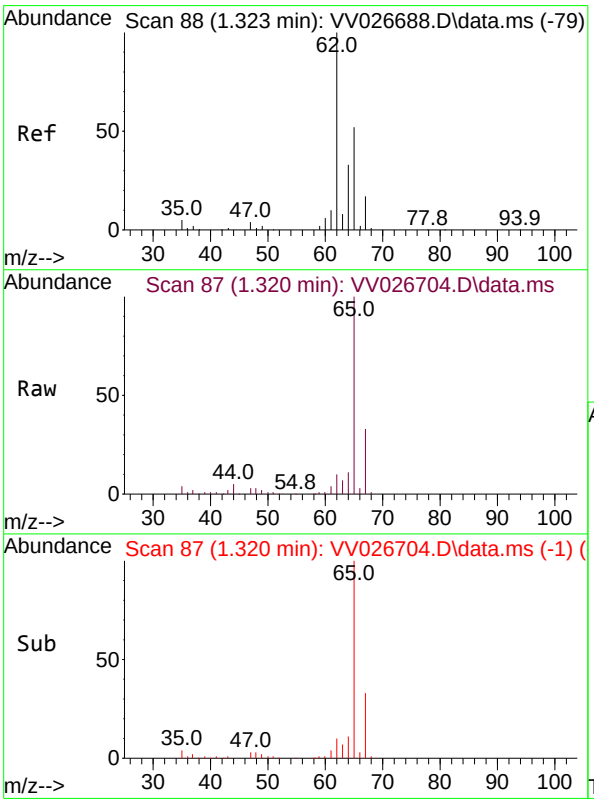
#3
Chloromethane
Concen: 0.080 ug/L
RT: 1.253 min Scan# 6
Delta R.T. 0.000 min
Lab File: VV026704.D
Acq: 08 Jul 2022 18:24

Instrument :
MSVOA_V
ClientSampleId :
DBUB3

Tgt Ion: 50 Resp: 1240

Ion	Ratio	Lower	Upper
50	100		
52	47.6	23.0	42.6#

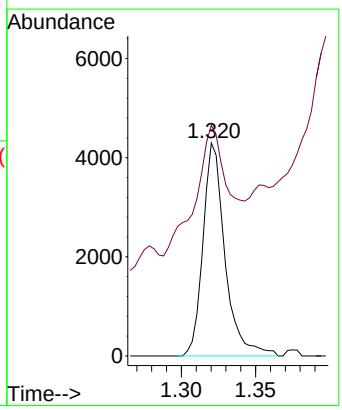


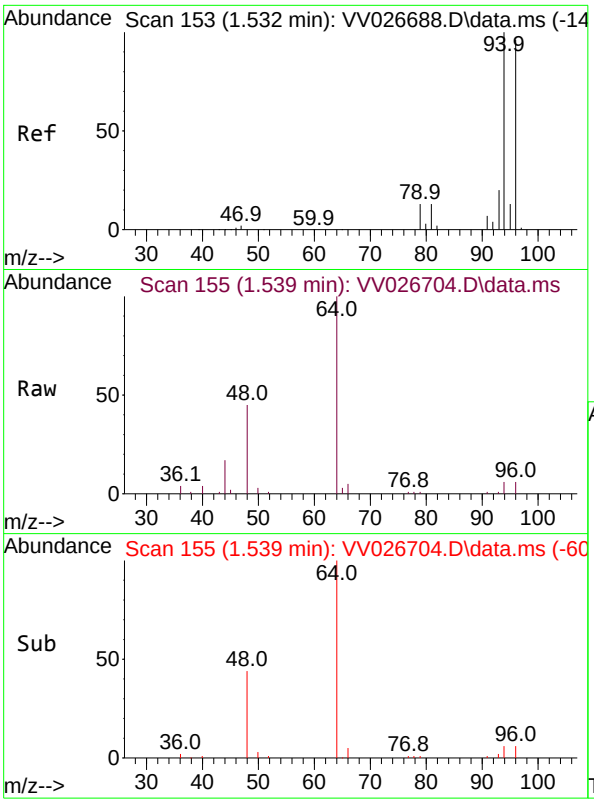


#5
Vinyl chloride
Concen: 0.268 ug/L
RT: 1.320 min Scan# 87
Delta R.T. -0.003 min
Lab File: VV026704.D
Acq: 08 Jul 2022 18:24

Tgt Ion: 62 Resp: 4430

Ion	Ratio	Lower	Upper
62	100		
64	108.3	26.2	48.6#



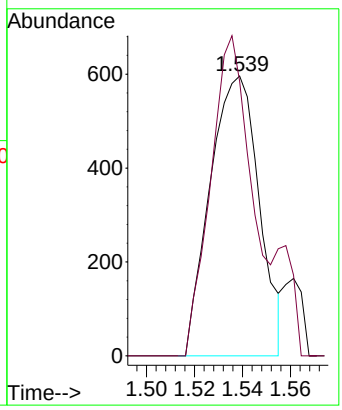


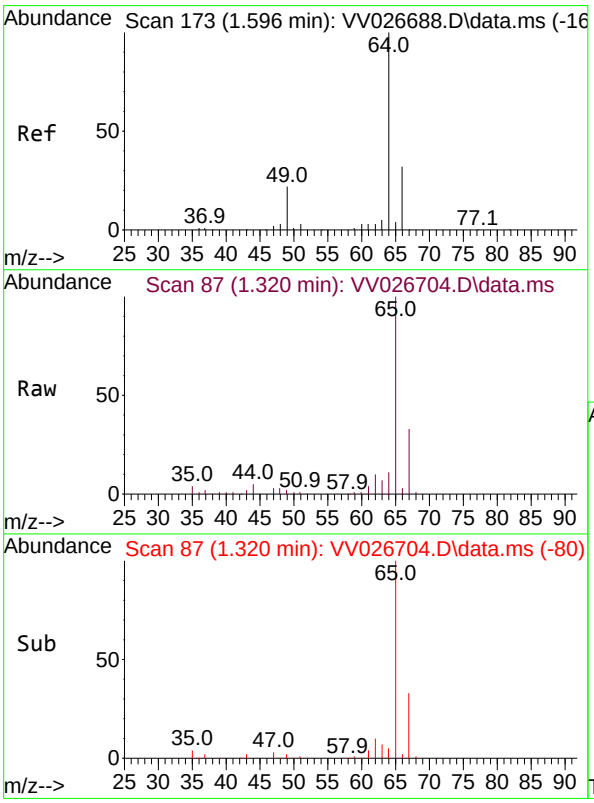
#6
Bromomethane
Concen: 0.095 ug/L
RT: 1.539 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV026704.D
Acq: 08 Jul 2022 18:24

Instrument :
MSVOA_V
ClientSampleId :
DBUB3

Tgt Ion: 94 Resp: 847

Ion	Ratio	Lower	Upper
94	100		
96	98.2	68.0	126.2

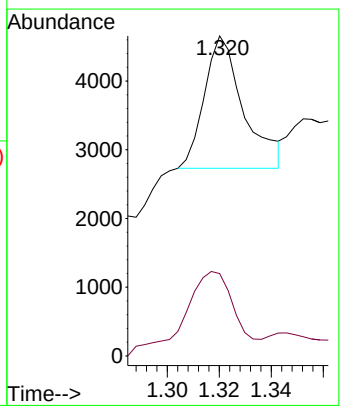


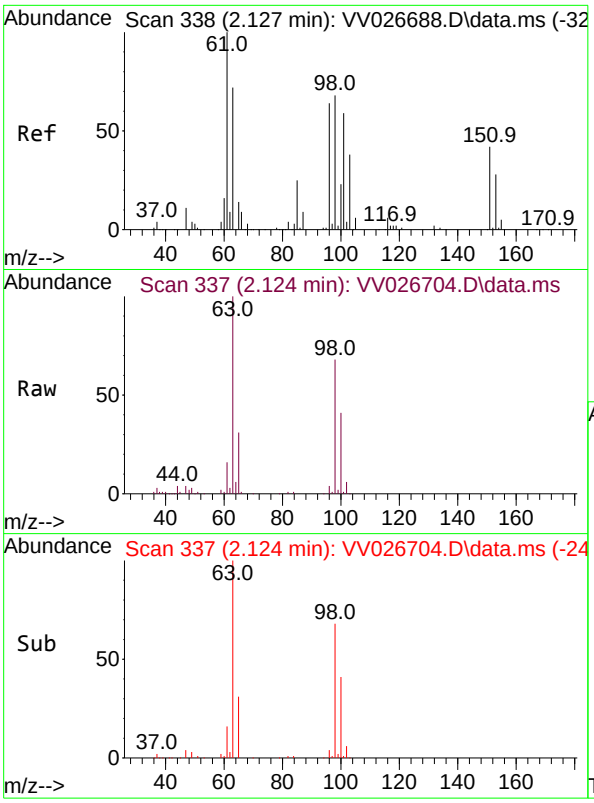


#8
Chloroethane
Concen: 0.179 ug/L
RT: 1.320 min Scan# 87
Delta R.T. -0.276 min
Lab File: VV026704.D
Acq: 08 Jul 2022 18:24

Tgt Ion: 64 Resp: 2017

Ion	Ratio	Lower	Upper
64	100		
66	25.7	20.0	37.2



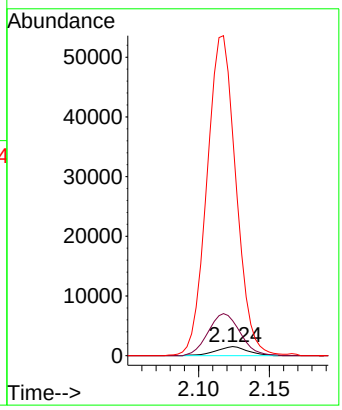


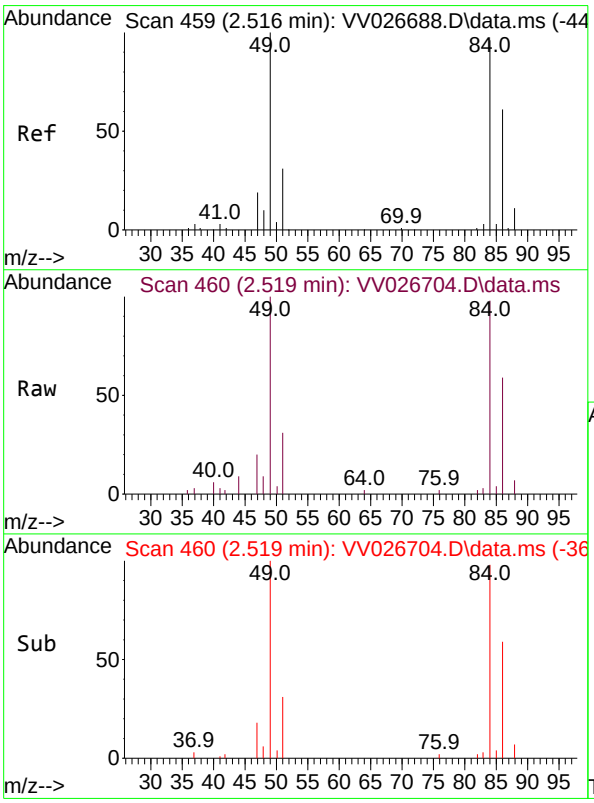
#12
1,1-Dichloroethene
Concen: 0.189 ug/L
RT: 2.124 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV026704.D
Acq: 08 Jul 2022 18:24

Instrument :
MSVOA_V
ClientSampleId :
DBUB3

Tgt Ion: 96 Resp: 2380

Ion	Ratio	Lower	Upper
96	100		
61	382.7	115.4	214.4#
63	2418.8	87.4	162.2#

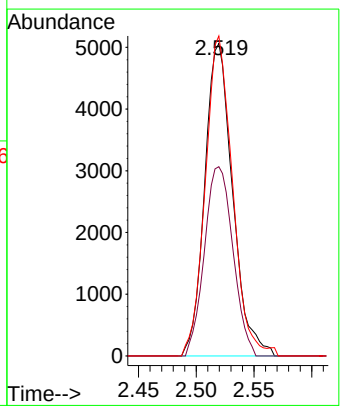


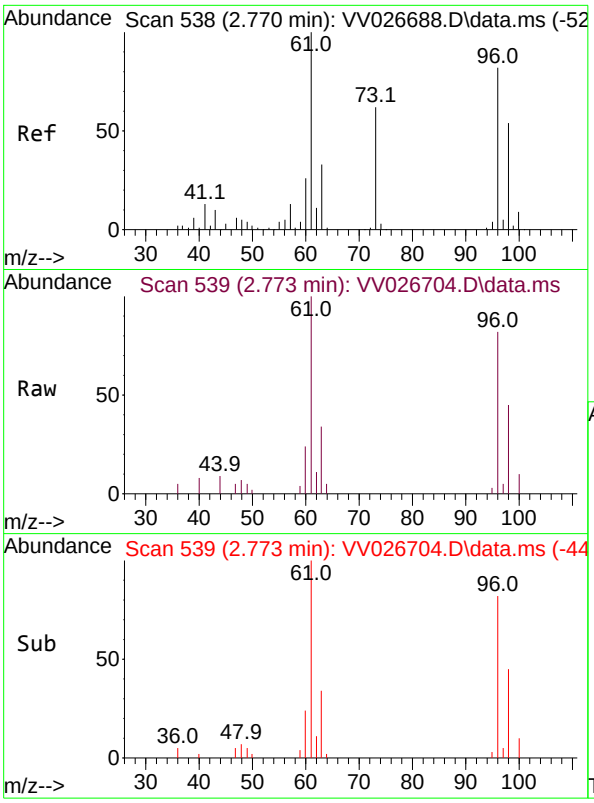


#16
Methylene chloride
Concen: 0.635 ug/L
RT: 2.519 min Scan# 460
Delta R.T. 0.003 min
Lab File: VV026704.D
Acq: 08 Jul 2022 18:24

Tgt Ion: 84 Resp: 8496

Ion	Ratio	Lower	Upper
84	100		
86	60.6	46.0	85.4
49	102.4	77.7	144.3



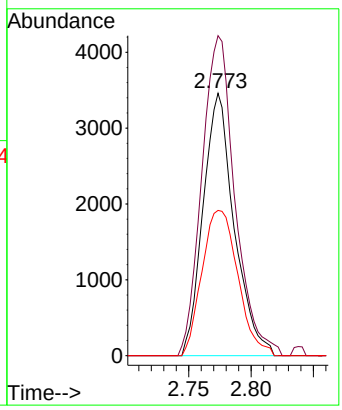


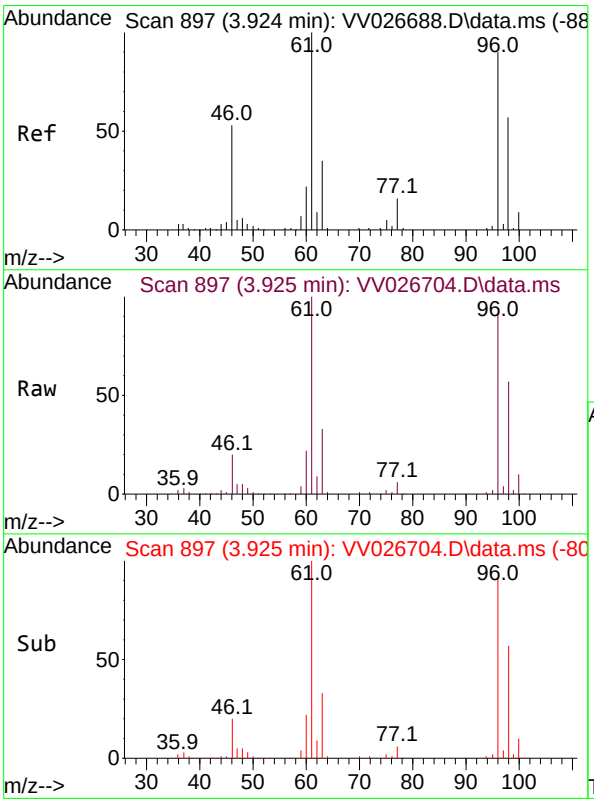
#18
trans-1,2-Dichloroethene
Concen: 0.467 ug/L
RT: 2.773 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV026704.D
Acq: 08 Jul 2022 18:24

Instrument :
MSVOA_V
ClientSampleId :
DBUB3

Tgt Ion: 96 Resp: 6008

Ion	Ratio	Lower	Upper
96	100		
61	122.0	90.4	167.8
98	55.4	45.6	84.8

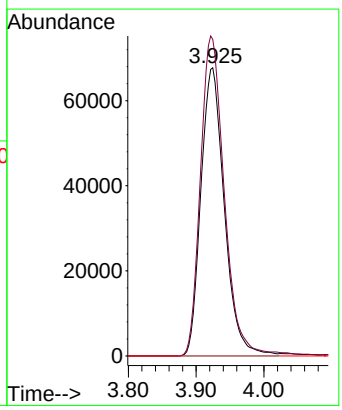


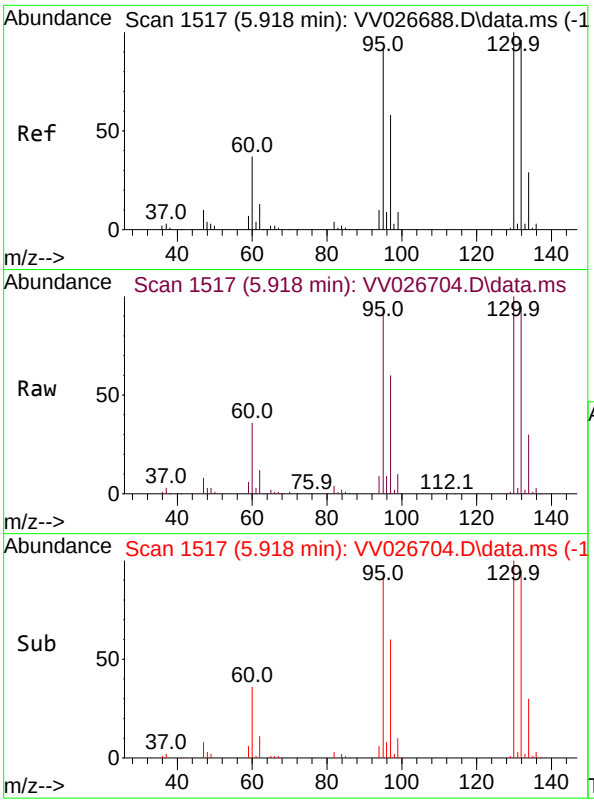


#22
cis-1,2-Dichloroethene
Concen: 12.754 ug/L
RT: 3.925 min Scan# 897
Delta R.T. 0.000 min
Lab File: VV026704.D
Acq: 08 Jul 2022 18:24

Tgt Ion: 96 Resp: 162797

Ion	Ratio	Lower	Upper
96	100		
61	109.9	82.0	152.2
68	0.0	0.0	0.0



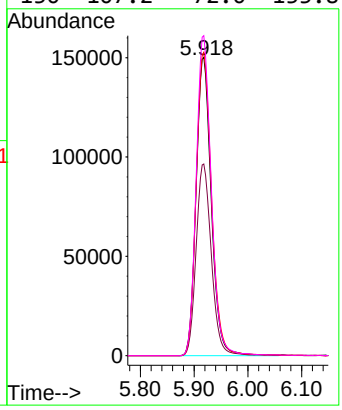


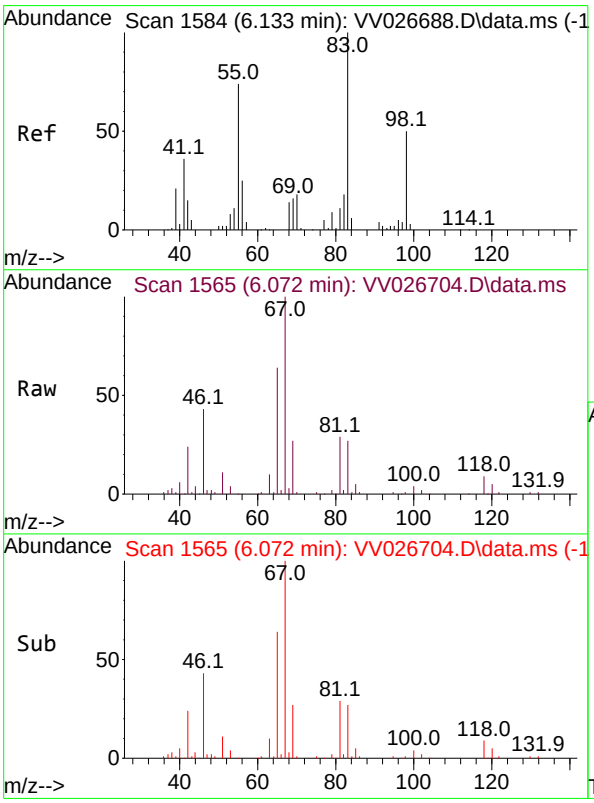
#34
Trichloroethene
Concen: 21.006 ug/L
RT: 5.918 min Scan# 1
Delta R.T. 0.000 min
Lab File: VV026704.D
Acq: 08 Jul 2022 18:24

Instrument :
MSVOA_V
ClientSampleId :
DBUB3

Tgt Ion: 95 Resp: 294101

Ion	Ratio	Lower	Upper
95	100		
97	64.2	46.8	87.0
132	101.7	69.9	129.7
130	107.2	72.0	133.8

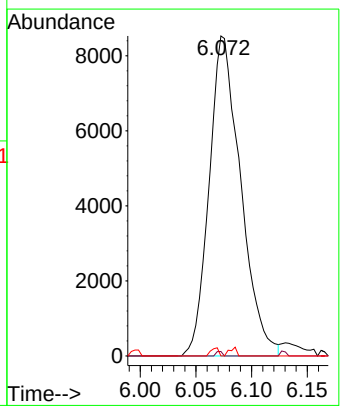


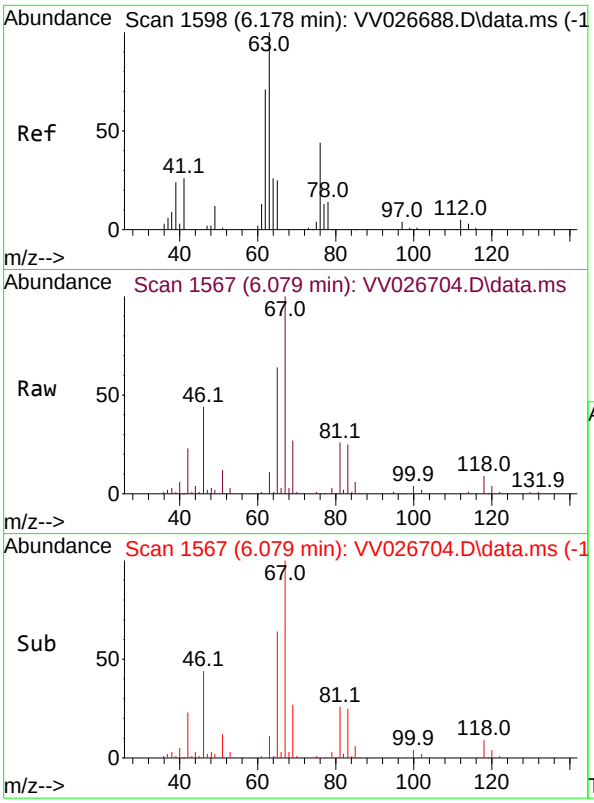


#35
Methylcyclohexane
Concen: 0.811 ug/L
RT: 6.072 min Scan# 1565
Delta R.T. -0.061 min
Lab File: VV026704.D
Acq: 08 Jul 2022 18:24

Tgt Ion: 83 Resp: 16805

Ion	Ratio	Lower	Upper
83	100		
55	0.3	57.0	85.4#
98	0.0	39.8	59.8#



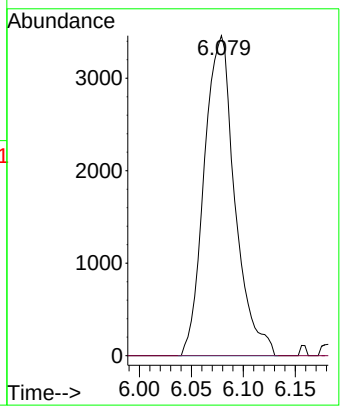


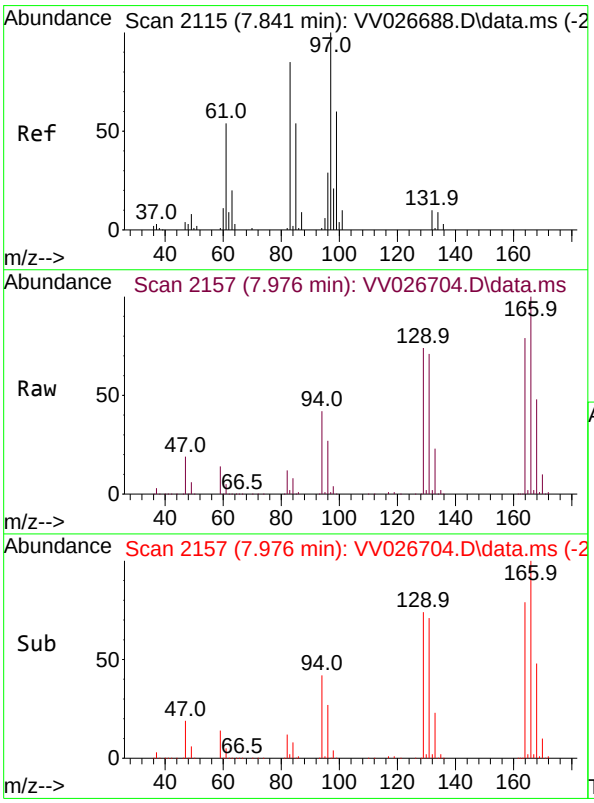
#37
1,2-Dichloropropane
Concen: 0.554 ug/L
RT: 6.079 min Scan# 1
Delta R.T. -0.099 min
Lab File: VV026704.D
Acq: 08 Jul 2022 18:24

Instrument :
MSVOA_V
ClientSampleId :
DBUB3

Tgt Ion: 63 Resp: 7113

Ion	Ratio	Lower	Upper
63	100		
112	0.3	4.2	6.4#

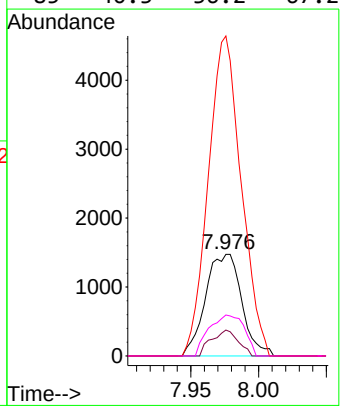


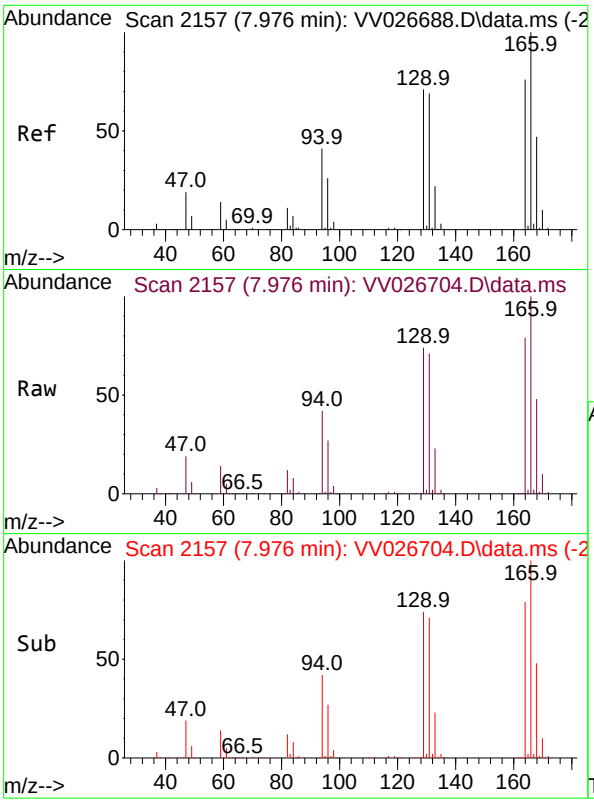


#45
1,1,2-Trichloroethane
Concen: 0.338 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. 0.135 min
Lab File: VV026704.D
Acq: 08 Jul 2022 18:24

Tgt Ion: 97 Resp: 2738

Ion	Ratio	Lower	Upper
97	100		
99	25.6	43.4	80.6#
83	314.7	58.0	107.8#
85	40.3	36.2	67.2



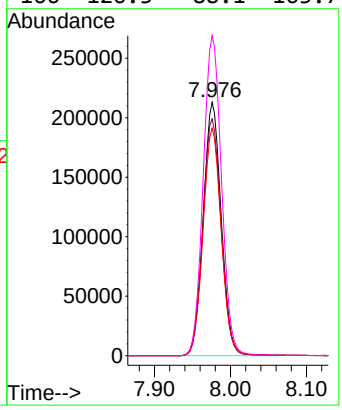


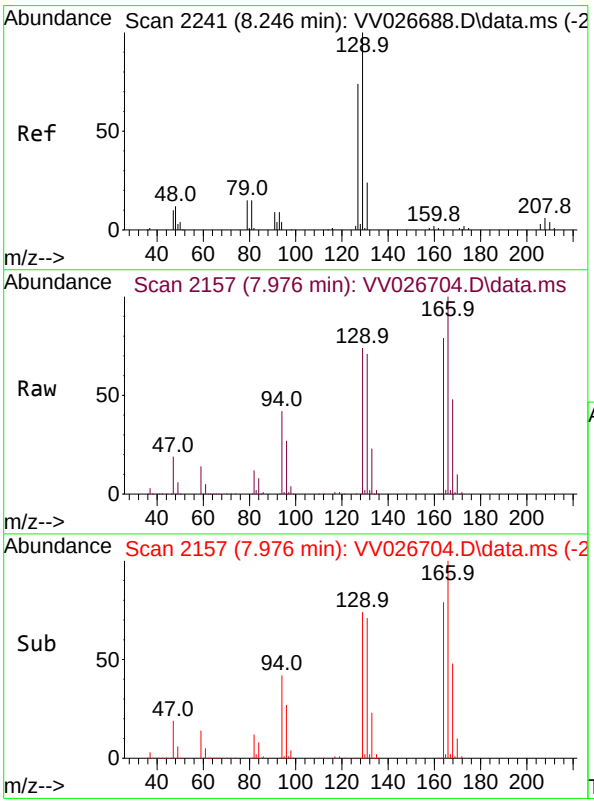
#47
Tetrachloroethene
Concen: 31.481 ug/L
RT: 7.976 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV026704.D
Acq: 08 Jul 2022 18:24

Instrument :
MSVOA_V
ClientSampleId :
DBUB3

Tgt Ion:164 Resp: 350924

Ion	Ratio	Lower	Upper
164	100		
129	93.5	66.4	123.2
131	89.8	64.4	119.6
166	126.3	88.1	163.7

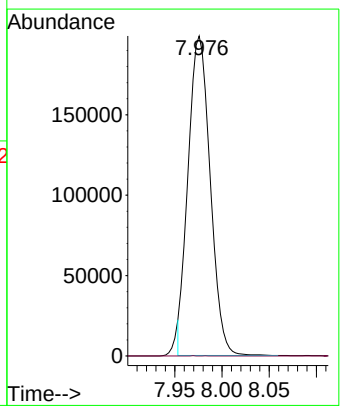


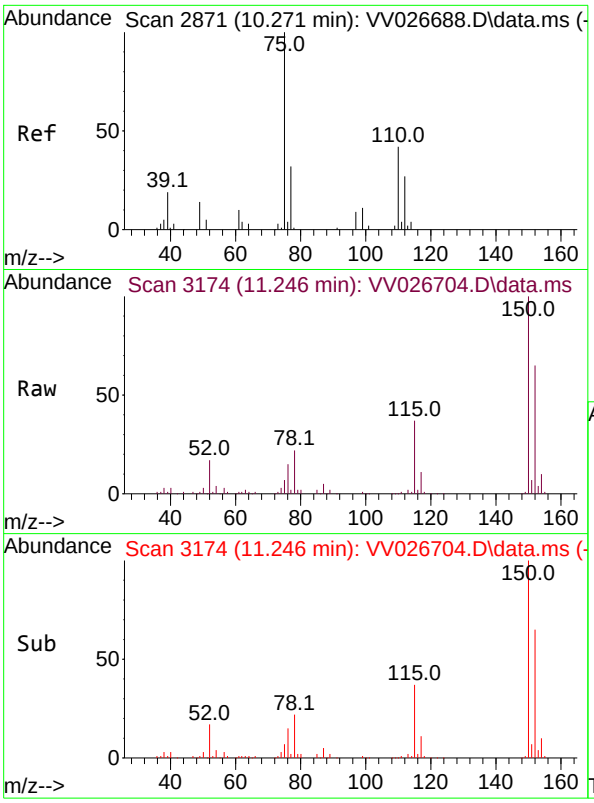


#49
Dibromochloromethane
Concen: 39.336 ug/L
RT: 7.976 min Scan# 2157
Delta R.T. -0.270 min
Lab File: VV026704.D
Acq: 08 Jul 2022 18:24

Tgt Ion:129 Resp: 322404

Ion	Ratio	Lower	Upper
129	100		
127	0.0	54.2	100.6#





#61
1,2,3-Trichloropropane
Concen: 1.698 ug/L
RT: 11.246 min Scan# 3
Delta R.T. 0.974 min
Lab File: VV026704.D
Acq: 08 Jul 2022 18:24

Instrument :
MSVOA_V
ClientSampleId :
DBUB3

Tgt Ion: 75 Resp: 7709

Ion	Ratio	Lower	Upper
75	100		
77	32.1	25.8	38.6
110	1.6	32.5	48.7#