Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV021722\
Data File : VV024739.D
Acq On : 17 Feb 2022 21:56
Operator : SY/MD
Sample : N1510-20
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
F4M34

Quant Time: Feb 18 07:37:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 18 07:32:51 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	165990	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	154626	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	68903	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	87705	6.229	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 124.600%			
7) Chloroethane-d5	1.568	69	55407	4.797	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.000%			
11) 1,1-Dichloroethene-d2	2.111	63	94786	3.674	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.400%			
20) 2-Butanone-d5	3.892	46	129595	64.442	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 128.880%			
24) Chloroform-d	4.352	84	97206	4.425	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.400%			
26) 1,2-Dichloroethane-d4	5.034	65	49966	5.103	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.000%			
32) Benzene-d6	5.050	84	215379	4.828	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.600%			
36) 1,2-Dichloropropane-d6	6.069	67	66184	5.042	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.800%			
41) Toluene-d8	7.317	98	187681	4.630	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.600%			
43) trans-1,3-Dichloroprop...	7.622	79	21430	4.900	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.000%			
46) 2-Hexanone-d5	8.088	63	97615	56.727	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.460%			
56) 1,1,2,2-Tetrachloroeth...	10.217	84	40298	5.093	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.800%			
66) 1,2-Dichlorobenzene-d4	11.622	152	60014	5.034	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	2548571	143.590	ug/L	98
12) 1,1-Dichloroethene	2.121	96	12444	0.963	ug/L #	1
13) Acetone	2.185	43	5962	4.204	ug/L	98
17) Methyl tert-butyl Ether	2.770	73	407773	16.047	ug/L	99
18) trans-1,2-Dichloroethene	2.764	96	47661	3.775	ug/L	97
22) cis-1,2-Dichloroethene	3.912	96	7879765	590.437	ug/L	95
25) Chloroform	4.381	83	11711	0.485	ug/L	91
33) Benzene	5.104	78	39268	0.750	ug/L	100
34) Trichloroethene	5.915	95	33927	2.446	ug/L	98
42) Toluene	7.394	91	22029	0.395	ug/L	98
47) Tetrachloroethene	7.976	164	91641	9.704	ug/L	98
51) Chlorobenzene	8.889	112	5786	0.166	ug/L	93
52) Ethylbenzene	9.024	91	2326	0.038	ug/L	96
53) m,p-xylene	9.146	106	2934	0.128	ug/L	90

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

Quantitation Report (QT Reviewed)

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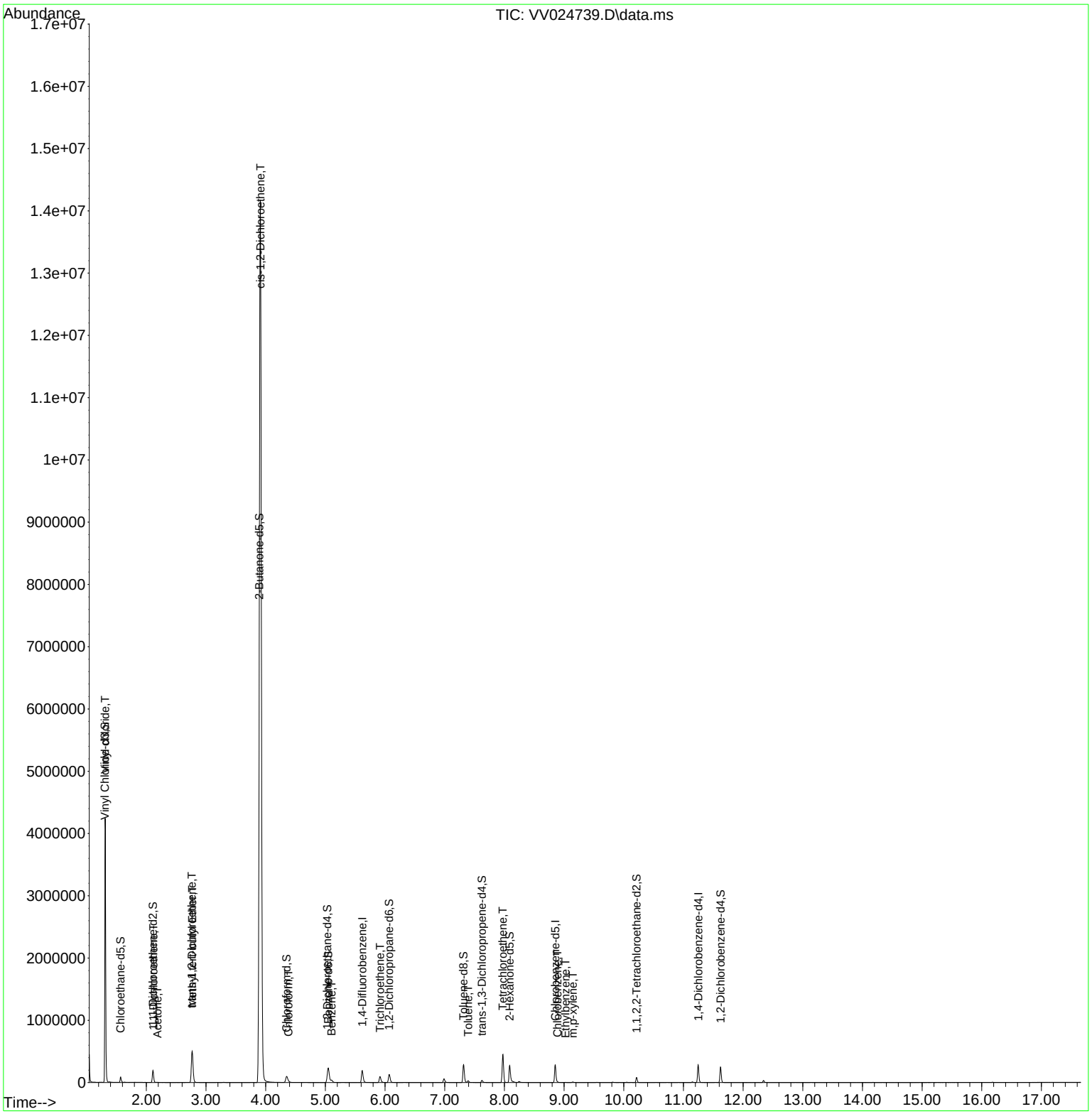
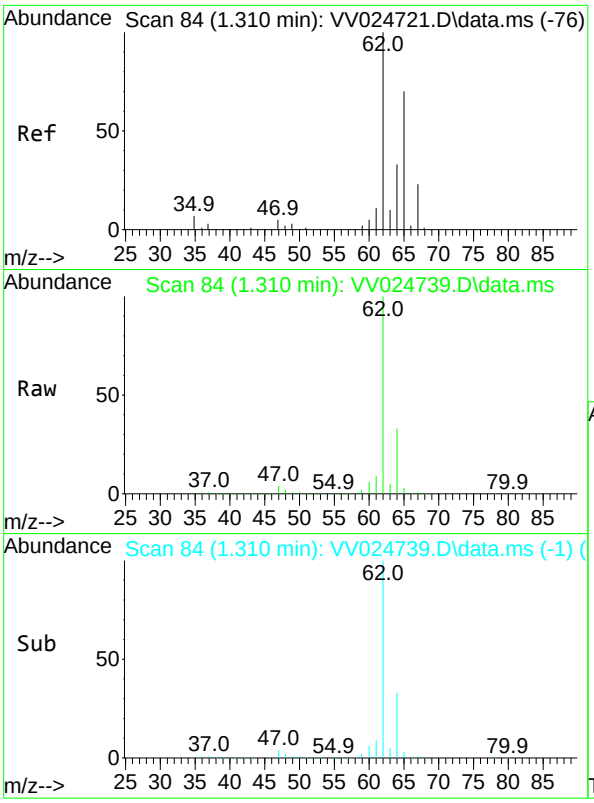
Quant Time: Feb 18 07:37:35 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR021722WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Feb 18 07:32:51 2022
Response via : Initial Calibration



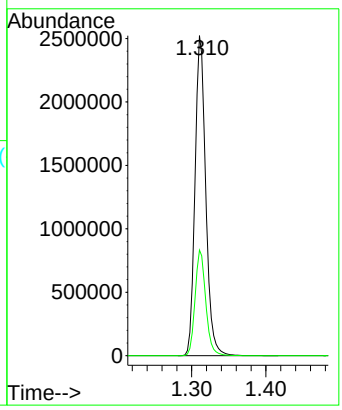


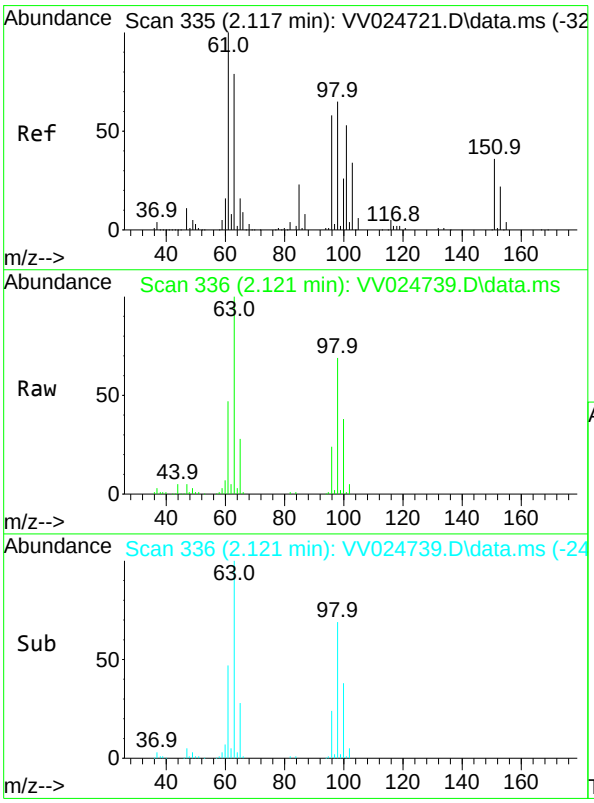
#5
Vinyl chloride
Concen: 143.590 ug/L
RT: 1.310 min Scan# 84
Delta R.T. -0.000 min
Lab File: VV024739.D
Acq: 17 Feb 2022 21:56

Instrument :
MSVOA_V
ClientSampleId :
F4M34

Tgt Ion: 62 Resp: 2548571

Ion	Ratio	Lower	Upper
62	100		
64	33.0	22.2	41.2

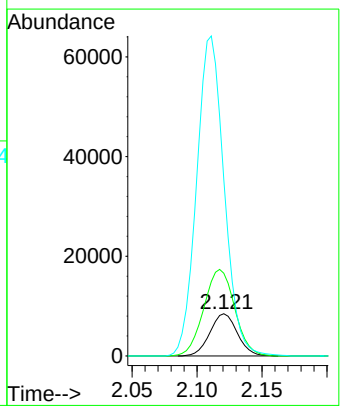


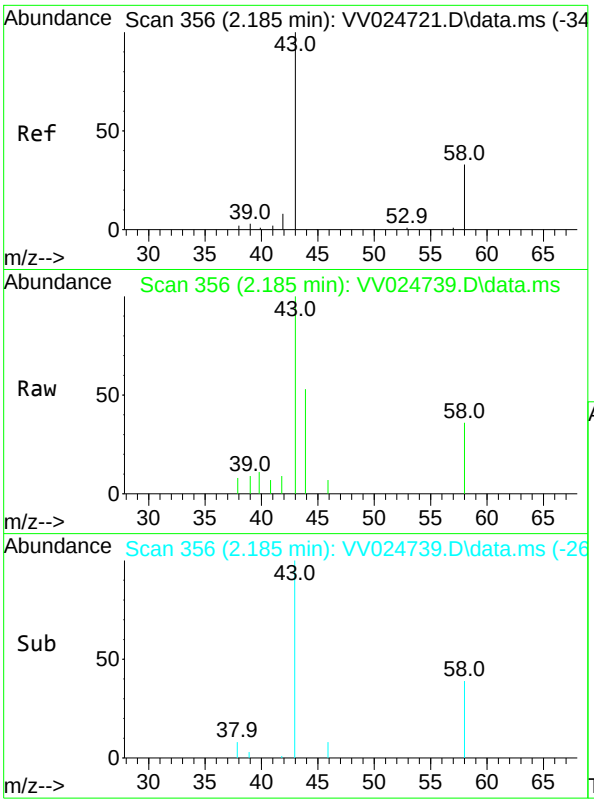


#12
1,1-Dichloroethene
Concen: 0.963 ug/L
RT: 2.121 min Scan# 336
Delta R.T. 0.003 min
Lab File: VV024739.D
Acq: 17 Feb 2022 21:56

Tgt Ion: 96 Resp: 12444

Ion	Ratio	Lower	Upper
96	100		
61	195.9	116.3	216.1
63	418.0	86.0	159.6#



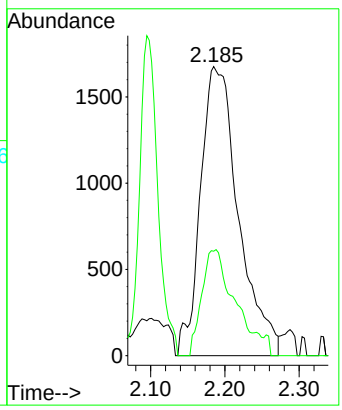


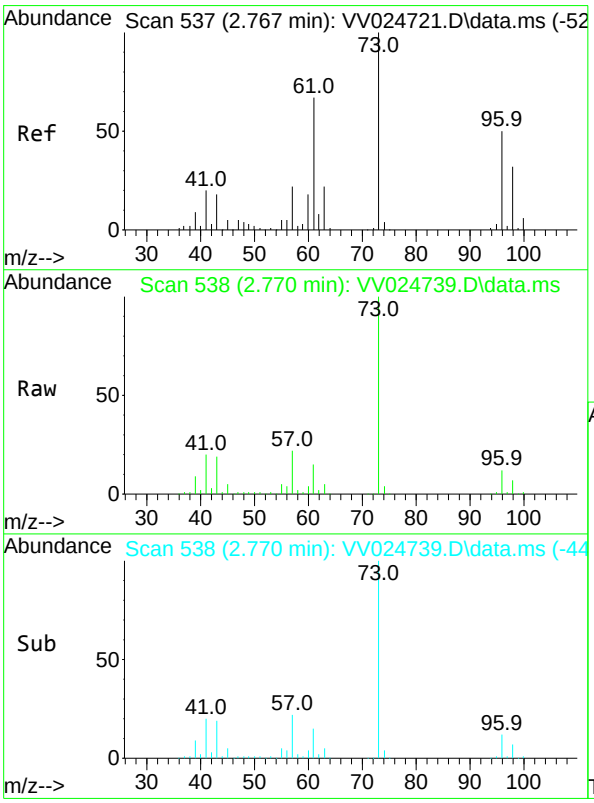
#13
Acetone
Concen: 4.204 ug/L
RT: 2.185 min Scan# 3
Delta R.T. -0.000 min
Lab File: VV024739.D
Acq: 17 Feb 2022 21:56

Instrument :
MSVOA_V
ClientSampleId :
F4M34

Tgt Ion: 43 Resp: 5962

Ion	Ratio	Lower	Upper
43	100		
58	32.7	0.0	63.6

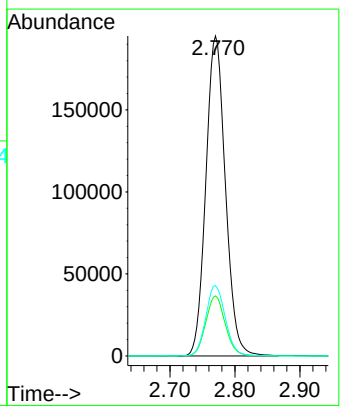


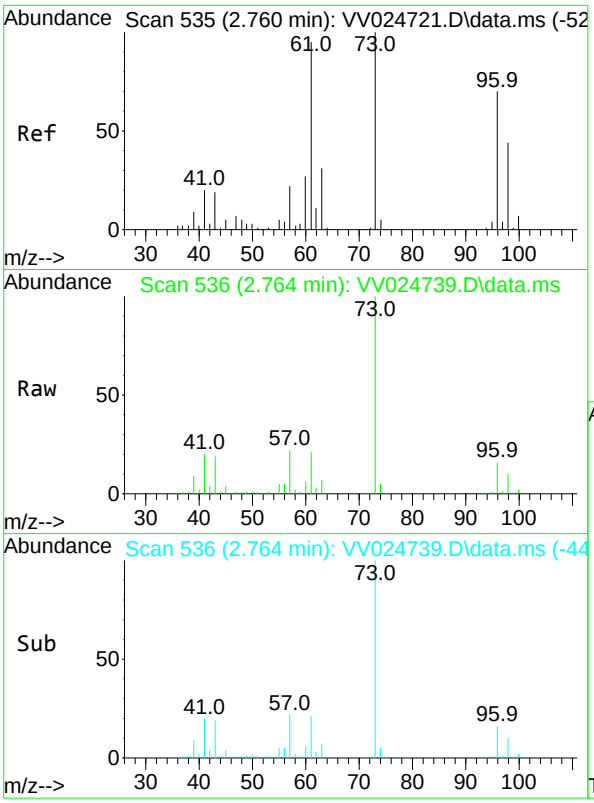


#17
Methyl tert-butyl Ether
Concen: 16.047 ug/L
RT: 2.770 min Scan# 538
Delta R.T. 0.003 min
Lab File: VV024739.D
Acq: 17 Feb 2022 21:56

Tgt Ion: 73 Resp: 407773

Ion	Ratio	Lower	Upper
73	100		
43	18.6	15.1	22.7
57	22.1	17.4	26.2



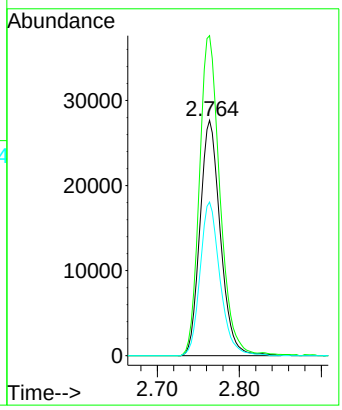


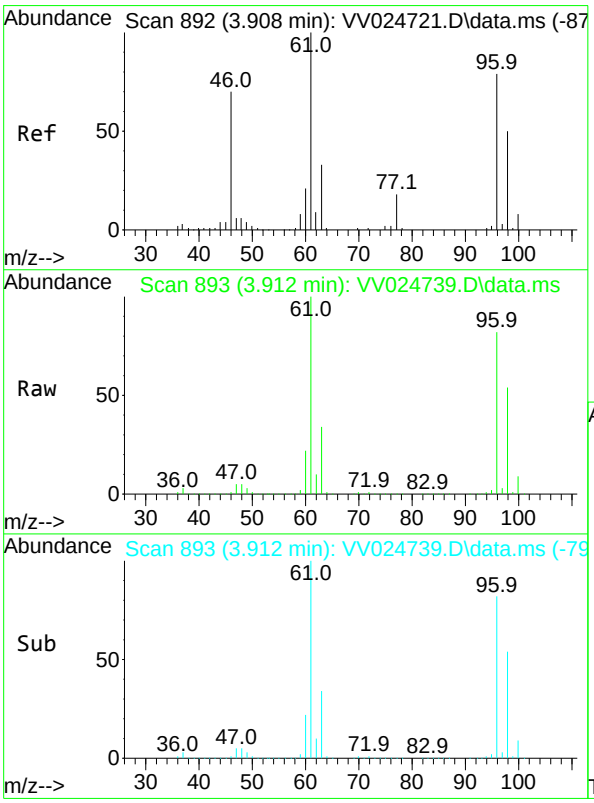
#18
trans-1,2-Dichloroethene
Concen: 3.775 ug/L
RT: 2.764 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV024739.D
Acq: 17 Feb 2022 21:56

Instrument :
MSVOA_V
ClientSampleId :
F4M34

Tgt Ion: 96 Resp: 47661

Ion	Ratio	Lower	Upper
96	100		
61	136.0	92.9	172.5
98	65.3	44.5	82.7

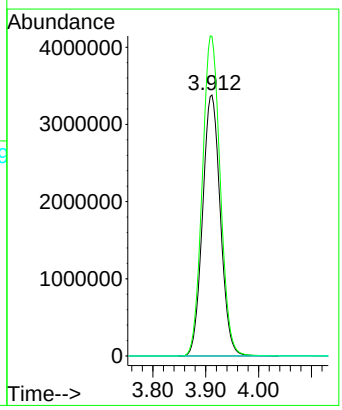


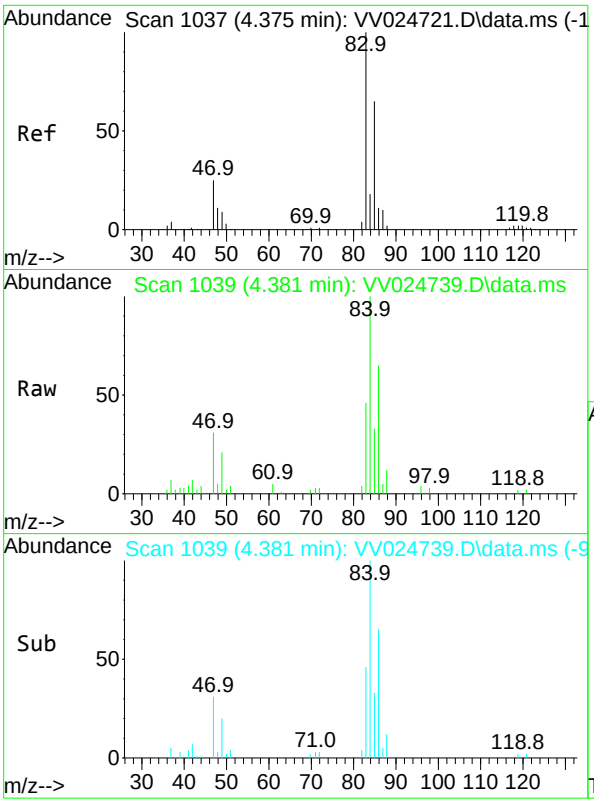


#22
cis-1,2-Dichloroethene
Concen: 590.437 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV024739.D
Acq: 17 Feb 2022 21:56

Tgt Ion: 96 Resp: 7879765

Ion	Ratio	Lower	Upper
96	100		
61	122.5	89.7	166.5
68	0.0	0.0	0.0



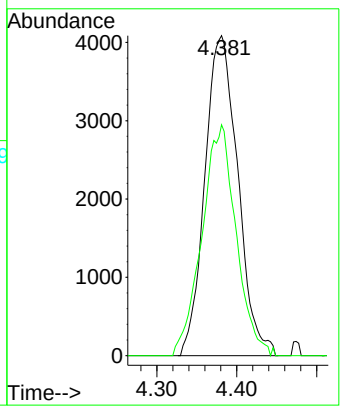


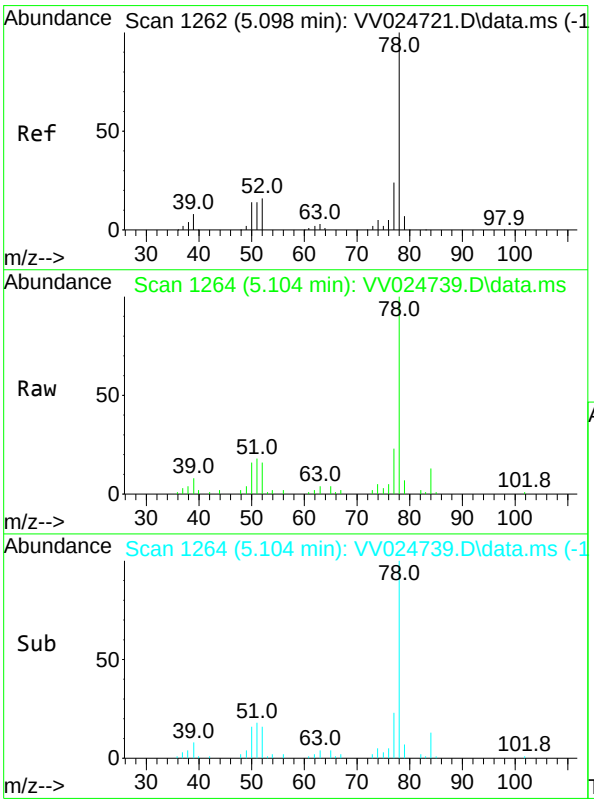
#25
Chloroform
Concen: 0.485 ug/L
RT: 4.381 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV024739.D
Acq: 17 Feb 2022 21:56

Instrument :
MSVOA_V
ClientSampleId :
F4M34

Tgt Ion: 83 Resp: 11711

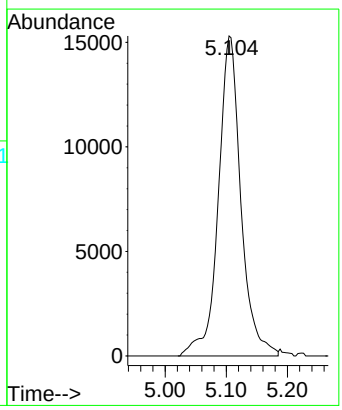
Ion	Ratio	Lower	Upper
83	100		
85	72.1	45.5	84.5

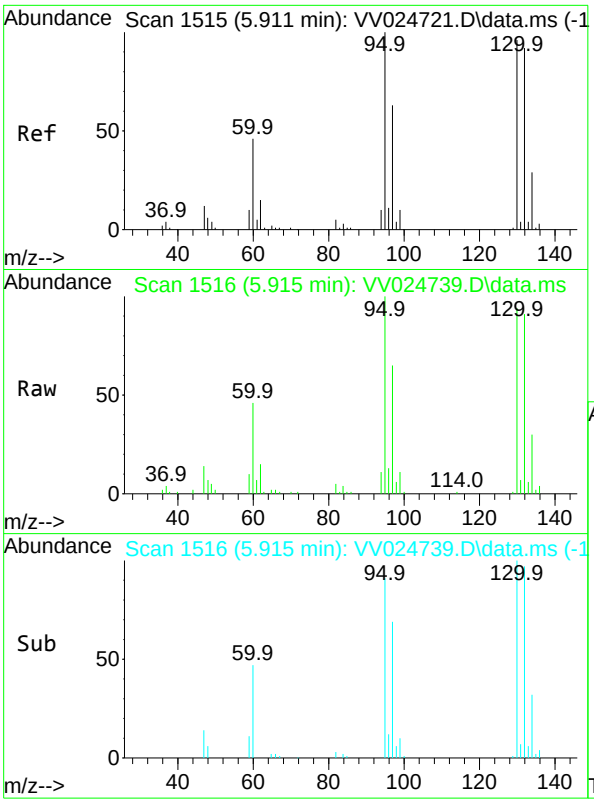




#33
Benzene
Concen: 0.750 ug/L
RT: 5.104 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VV024739.D
Acq: 17 Feb 2022 21:56

Tgt Ion: 78 Resp: 39268



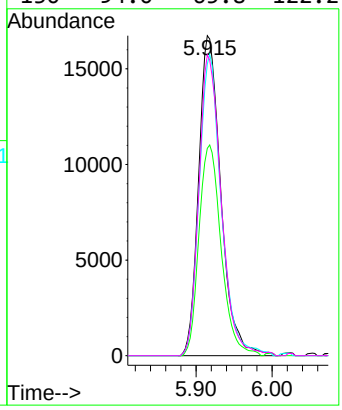


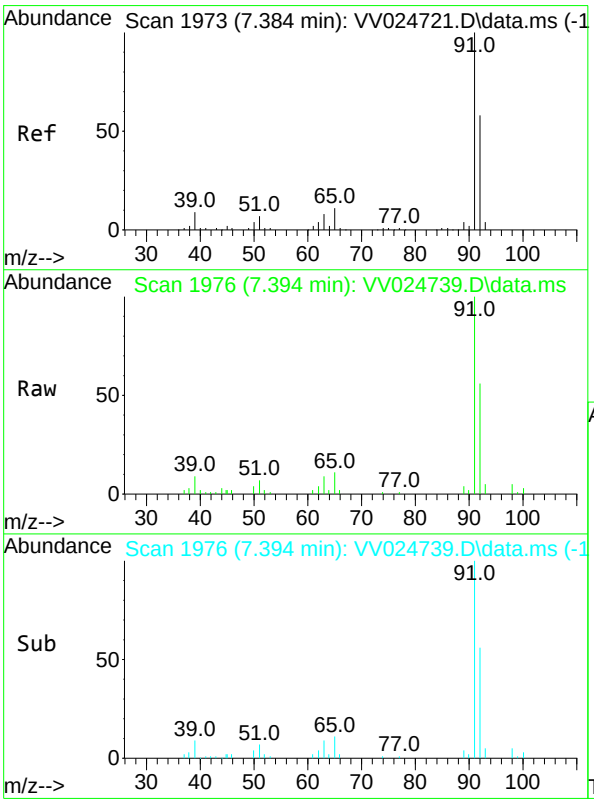
#34
Trichloroethene
Concen: 2.446 ug/L
RT: 5.915 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV024739.D
Acq: 17 Feb 2022 21:56

Instrument :
MSVOA_V
ClientSampleId :
F4M34

Tgt Ion: 95 Resp: 33927

Ion	Ratio	Lower	Upper
95	100		
97	64.8	44.2	82.0
132	91.1	62.1	115.3
130	94.0	65.8	122.2

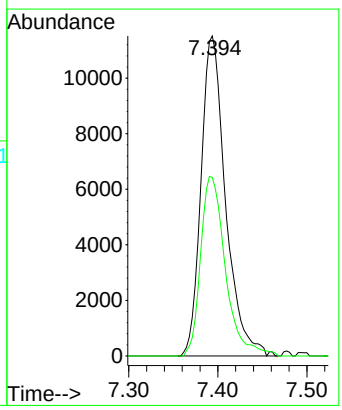


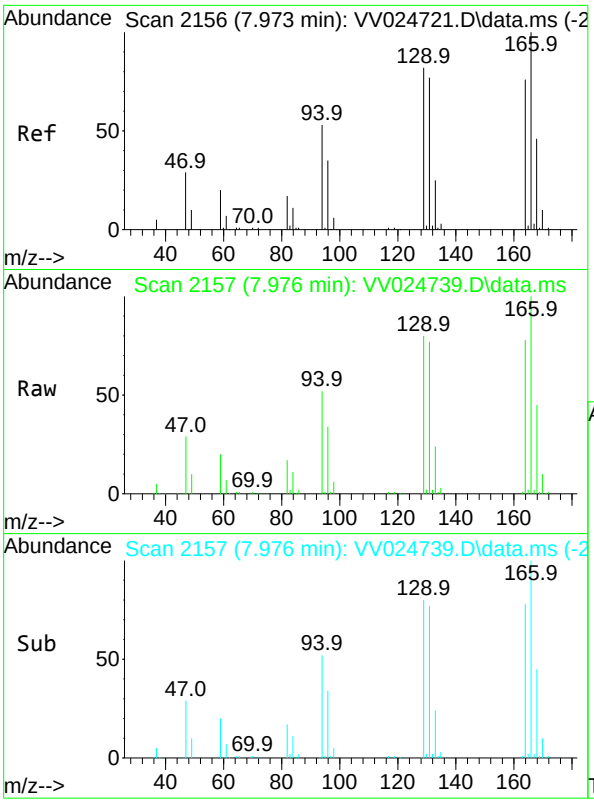


#42
Toluene
Concen: 0.395 ug/L
RT: 7.394 min Scan# 1976
Delta R.T. 0.010 min
Lab File: VV024739.D
Acq: 17 Feb 2022 21:56

Tgt Ion: 91 Resp: 22029

Ion	Ratio	Lower	Upper
91	100		
92	55.8	40.3	74.9



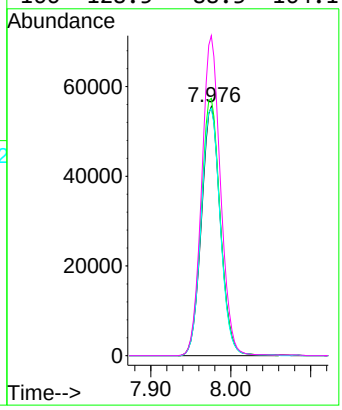


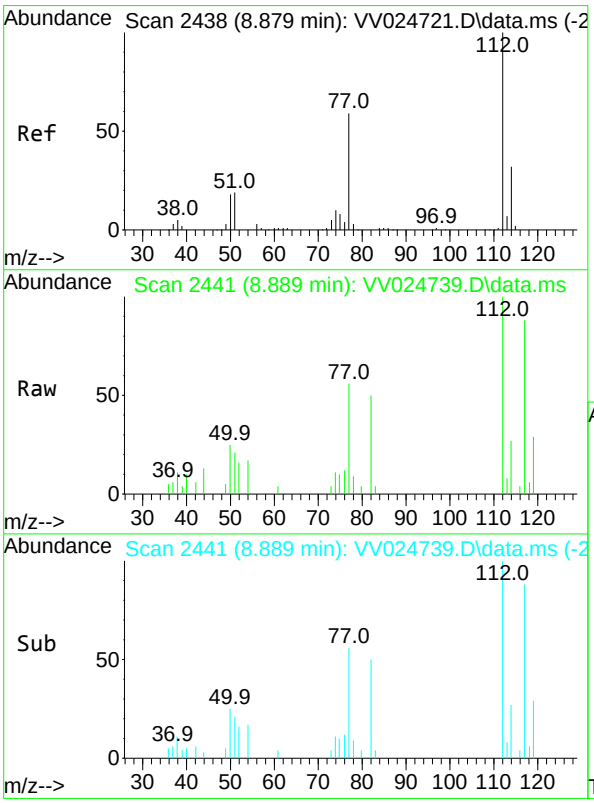
#47
Tetrachloroethene
Concen: 9.704 ug/L
RT: 7.976 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV024739.D
Acq: 17 Feb 2022 21:56

Instrument :
MSVOA_V
ClientSampleId :
F4M34

Tgt Ion:164 Resp: 91641

Ion	Ratio	Lower	Upper
164	100		
129	103.3	70.3	130.7
131	99.3	67.7	125.7
166	128.5	88.3	164.1

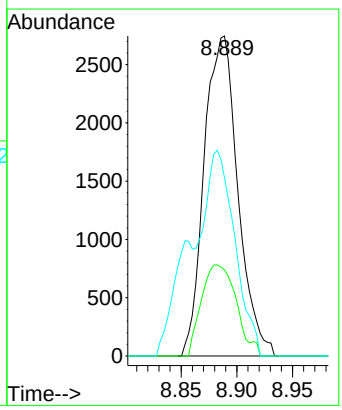


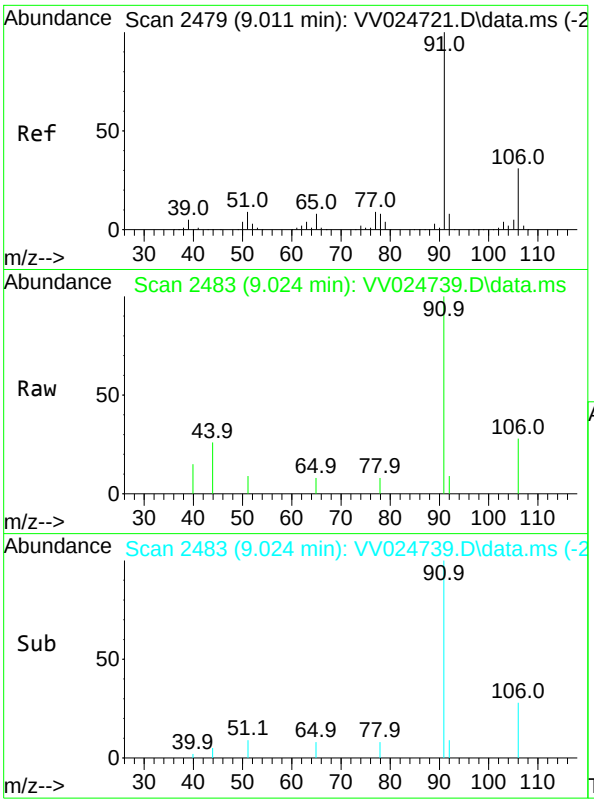


#51
Chlorobenzene
Concen: 0.166 ug/L
RT: 8.889 min Scan# 2441
Delta R.T. 0.010 min
Lab File: VV024739.D
Acq: 17 Feb 2022 21:56

Tgt Ion:112 Resp: 5786

Ion	Ratio	Lower	Upper
112	100		
114	26.9	22.3	41.5
77	55.8	48.4	72.6



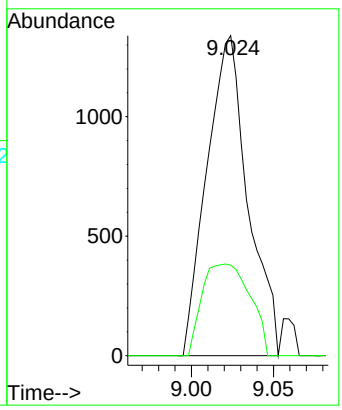


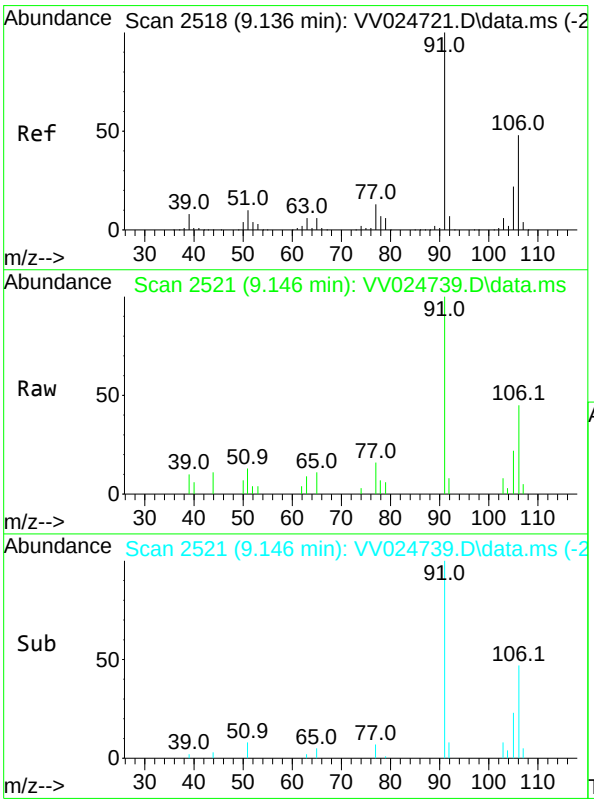
#52
Ethylbenzene
Concen: 0.038 ug/L
RT: 9.024 min Scan# 24
Delta R.T. 0.013 min
Lab File: VV024739.D
Acq: 17 Feb 2022 21:56

Instrument :
MSVOA_V
ClientSampleId :
F4M34

Tgt Ion: 91 Resp: 2326

Ion	Ratio	Lower	Upper
91	100		
106	28.3	21.3	39.5





#53
m,p-xylene
Concen: 0.128 ug/L
RT: 9.146 min Scan# 2521
Delta R.T. 0.010 min
Lab File: VV024739.D
Acq: 17 Feb 2022 21:56

Tgt Ion:106 Resp: 2934

Ion	Ratio	Lower	Upper
106	100		
91	221.1	143.6	266.6