Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV032322\
Data File : VV025143.D
Acq On : 23 Mar 2022 19:50
Operator : SY/MD
Sample : N2083-12
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EW610

Quant Time: Mar 24 01:19:31 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Mar 24 01:12:55 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	123439	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.853	117	118560	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	53202	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	36985	3.795	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.000%			
7) Chloroethane-d5	1.571	69	33232	4.657	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.200%			
11) 1,1-Dichloroethene-d2	2.111	63	49373	3.135	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 62.600%			
20) 2-Butanone-d5	3.899	46	82794	70.298	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 140.600%#			
24) Chloroform-d	4.352	84	83246	5.150	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.000%			
26) 1,2-Dichloroethane-d4	5.034	65	37319	5.523	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.400%			
32) Benzene-d6	5.053	84	161177	4.686	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.800%			
36) 1,2-Dichloropropane-d6	6.069	67	50815	5.138	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.800%			
41) Toluene-d8	7.317	98	134685	4.297	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.000%			
43) trans-1,3-Dichloroprop...	7.625	79	14085	4.085	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.800%			
46) 2-Hexanone-d5	8.088	63	68452	58.208	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 116.420%			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	35374	6.080	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 121.600%#			
66) 1,2-Dichlorobenzene-d4	11.622	152	46733	5.189	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 103.800%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.121	96	1610	0.205	ug/L #	1
17) Methyl tert-butyl Ether	2.773	73	5369	0.313	ug/L #	86
18) trans-1,2-Dichloroethene	2.767	96	631	0.067	ug/L #	61
19) 1,1-Dichloroethane	3.195	63	4604	0.286	ug/L	93
22) cis-1,2-Dichloroethene	3.918	96	8778	0.919	ug/L	99
25) Chloroform	4.378	83	11809	0.704	ug/L	96
29) 1,1,1-Trichloroethane	4.612	97	22084	1.461	ug/L	98
34) Trichloroethene	5.918	95	10461	1.019	ug/L	98
47) Tetrachloroethene	7.976	164	16764	2.321	ug/L	97

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

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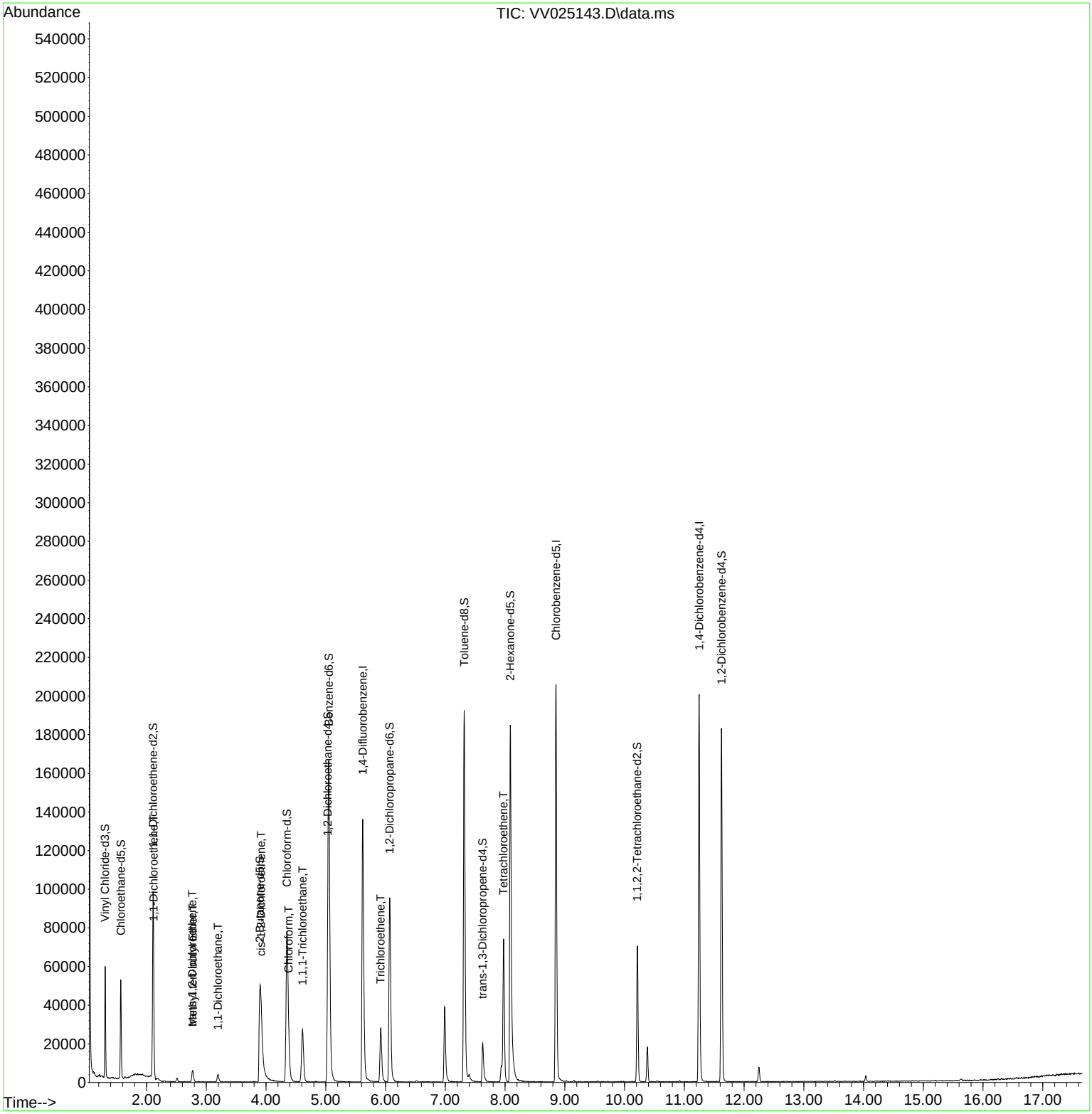
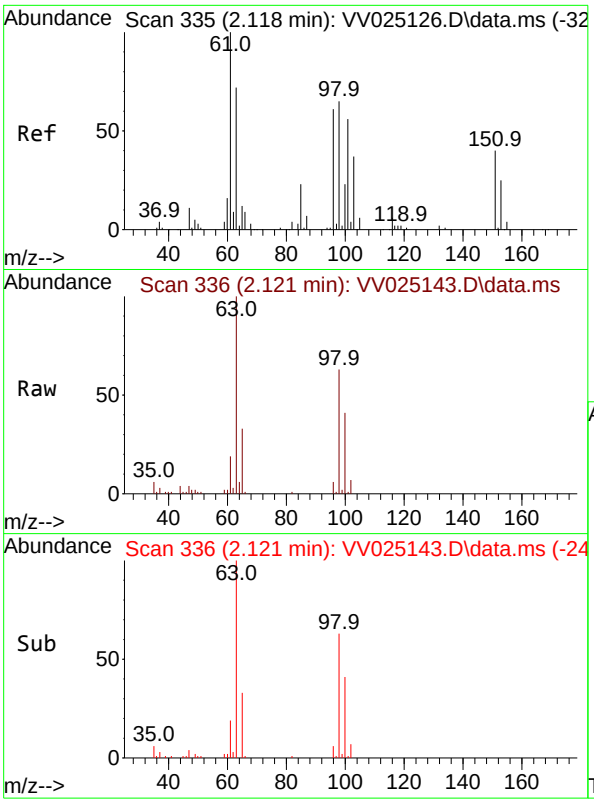


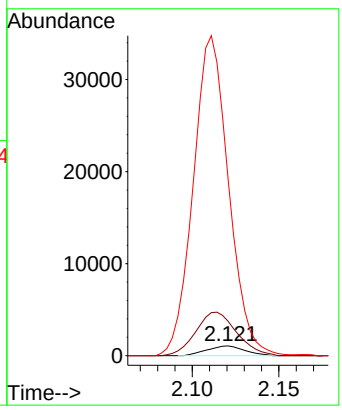


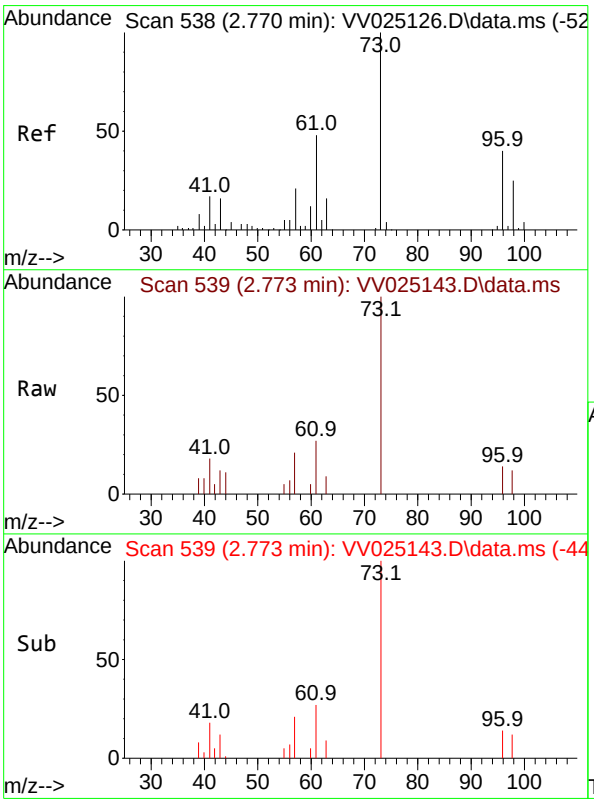
#12
1,1-Dichloroethene
Concen: 0.205 ug/L
RT: 2.121 min Scan# 3
Delta R.T. 0.003 min
Lab File: VV025143.D
Acq: 23 Mar 2022 19:50

Instrument :
MSVOA_V
ClientSampleId :
EW610

Tgt Ion: 96 Resp: 1610

Ion	Ratio	Lower	Upper
96	100		
61	352.3	113.0	209.9#
63	1810.8	82.1	152.5#

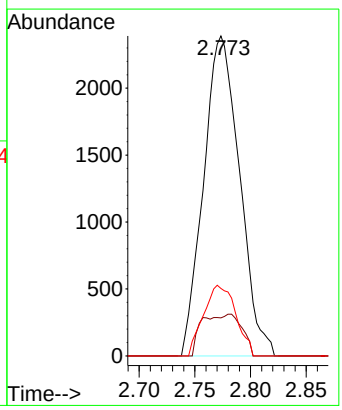


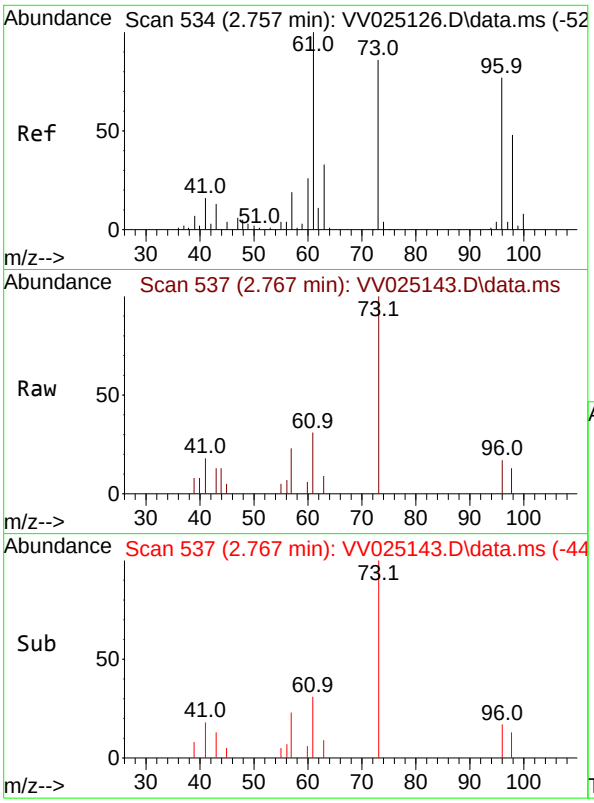


#17
Methyl tert-butyl Ether
Concen: 0.313 ug/L
RT: 2.773 min Scan# 539
Delta R.T. 0.003 min
Lab File: VV025143.D
Acq: 23 Mar 2022 19:50

Tgt Ion: 73 Resp: 5369

Ion	Ratio	Lower	Upper
73	100		
43	4.5	13.2	19.8#
57	19.8	16.7	25.1



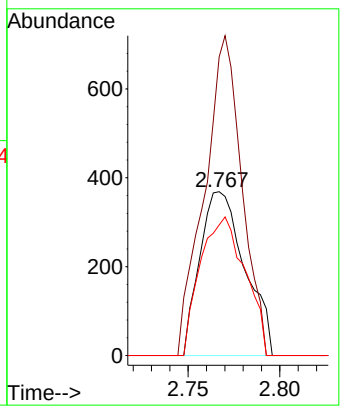


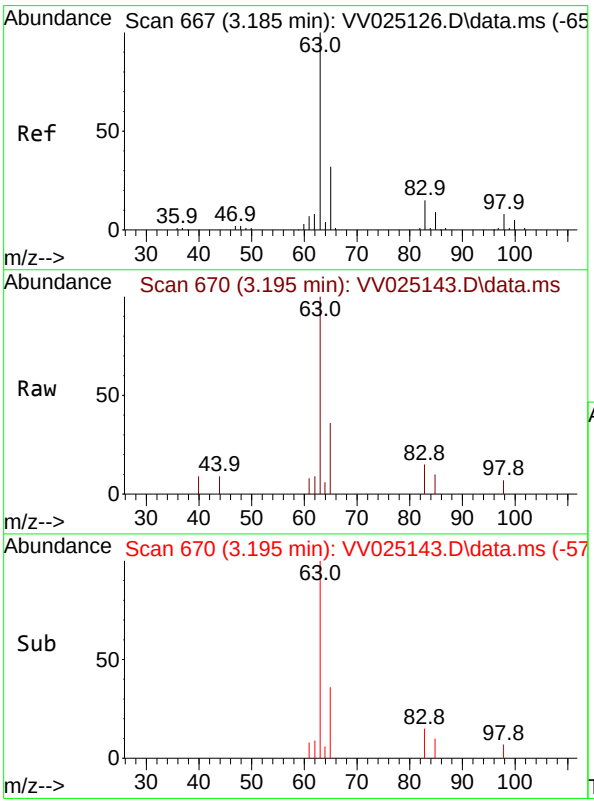
#18
trans-1,2-Dichloroethene
Concen: 0.067 ug/L
RT: 2.767 min Scan# 5
Delta R.T. 0.009 min
Lab File: VV025143.D
Acq: 23 Mar 2022 19:50

Instrument :
MSVOA_V
ClientSampleId :
EW610

Tgt Ion: 96 Resp: 631

Ion	Ratio	Lower	Upper
96	100		
61	182.1	89.2	165.6#
98	79.7	43.9	81.5

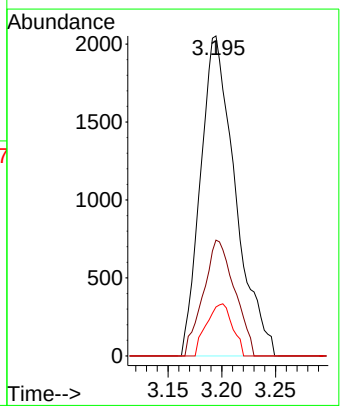


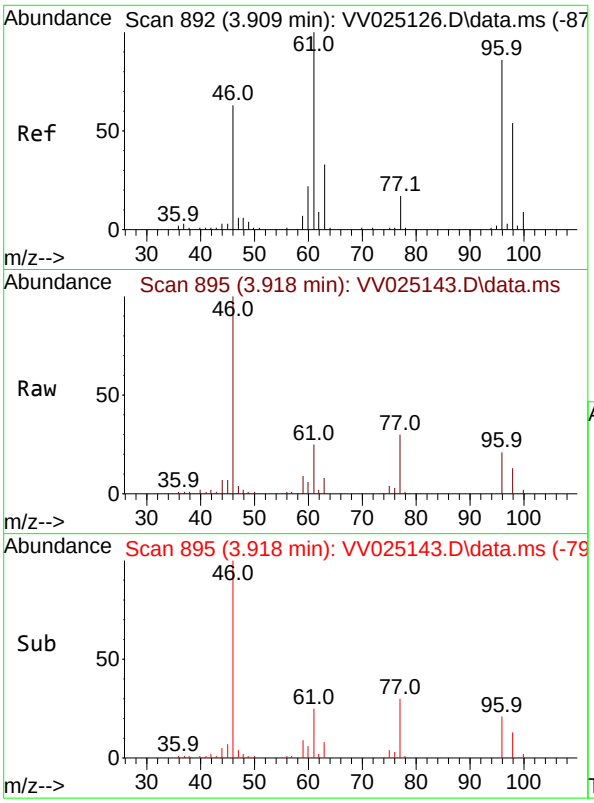


#19
1,1-Dichloroethane
Concen: 0.286 ug/L
RT: 3.195 min Scan# 670
Delta R.T. 0.009 min
Lab File: VV025143.D
Acq: 23 Mar 2022 19:50

Tgt Ion: 63 Resp: 4604

Ion	Ratio	Lower	Upper
63	100		
65	36.2	22.2	41.2
83	15.3	9.4	17.4



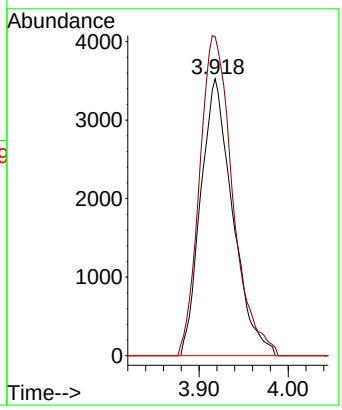


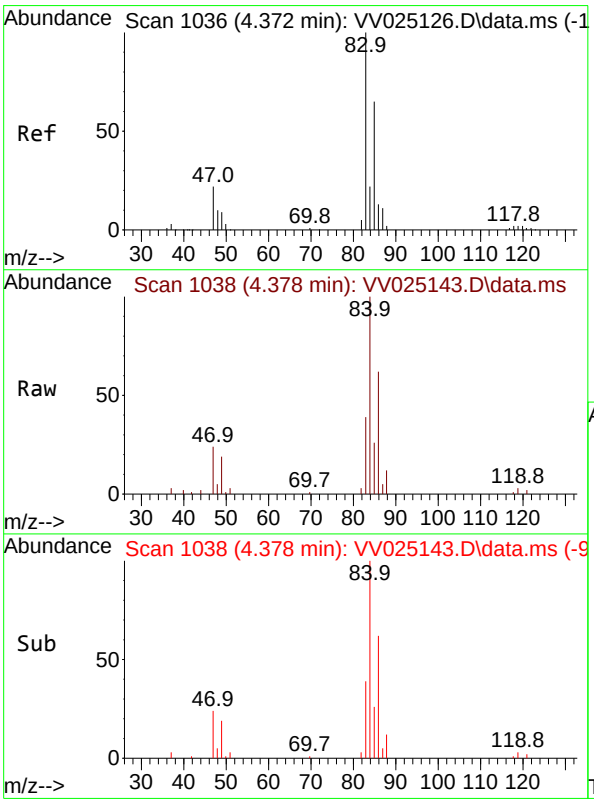
#22
cis-1,2-Dichloroethene
Concen: 0.919 ug/L
RT: 3.918 min Scan# 8
Delta R.T. 0.009 min
Lab File: VV025143.D
Acq: 23 Mar 2022 19:50

Instrument :
MSVOA_V
ClientSampleId :
EW610

Tgt Ion: 96 Resp: 8778

Ion	Ratio	Lower	Upper
96	100		
61	115.2	79.7	147.9
68	0.0	0.0	0.0

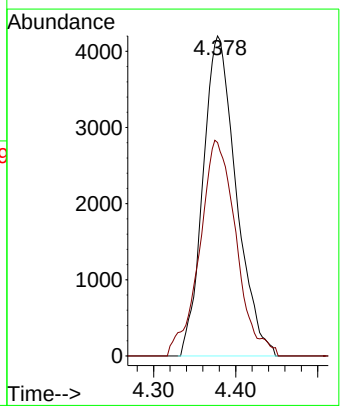


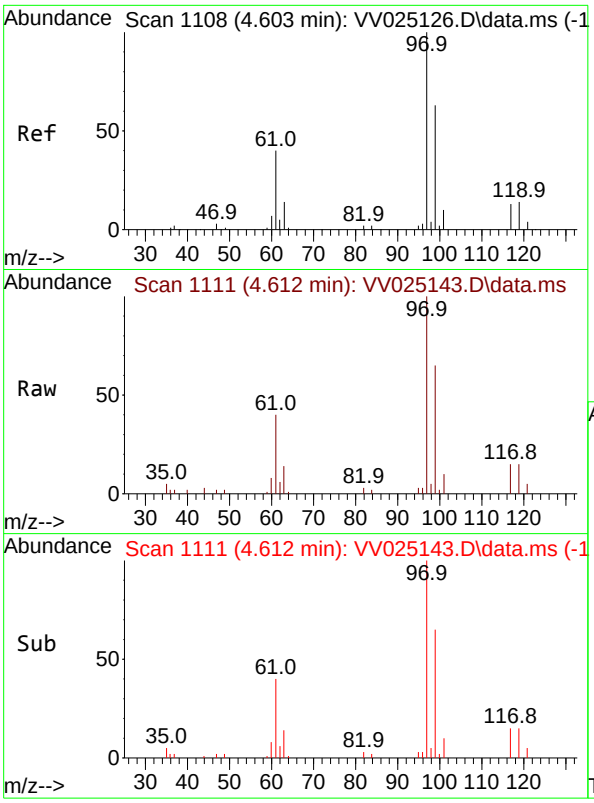


#25
Chloroform
Concen: 0.704 ug/L
RT: 4.378 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VV025143.D
Acq: 23 Mar 2022 19:50

Tgt Ion: 83 Resp: 11809

Ion	Ratio	Lower	Upper
83	100		
85	66.7	44.5	82.7



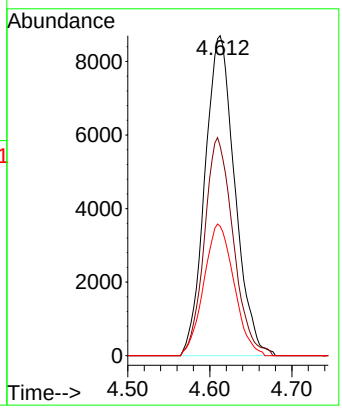


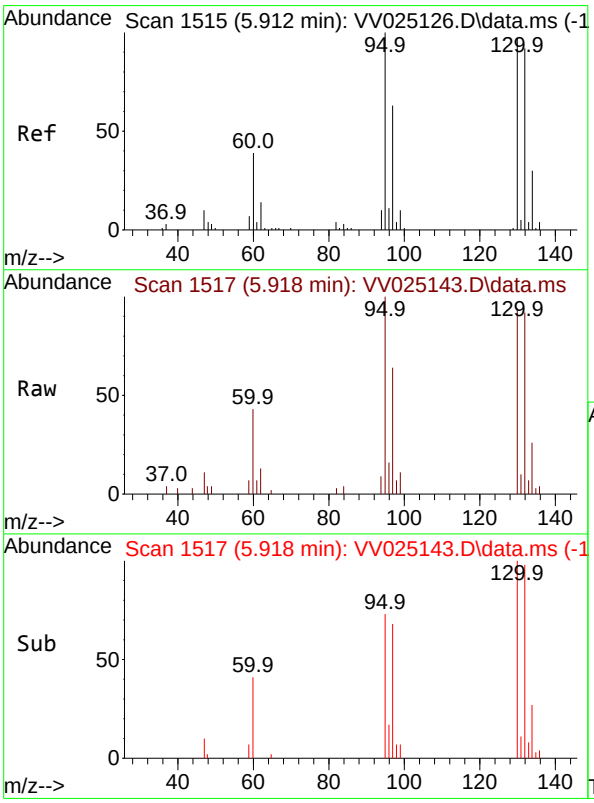
#29
1,1,1-Trichloroethane
Concen: 1.461 ug/L
RT: 4.612 min Scan# 1
Delta R.T. 0.009 min
Lab File: VV025143.D
Acq: 23 Mar 2022 19:50

Instrument :
MSVOA_V
ClientSampleId :
EW610

Tgt Ion: 97 Resp: 22084

Ion	Ratio	Lower	Upper
97	100		
99	65.7	50.7	76.1
61	41.5	32.4	48.6

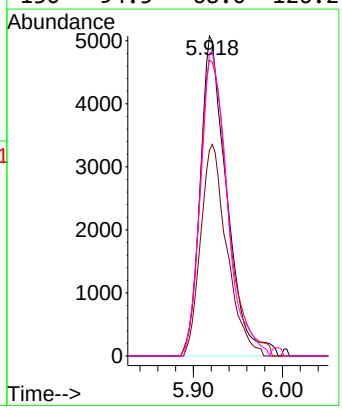


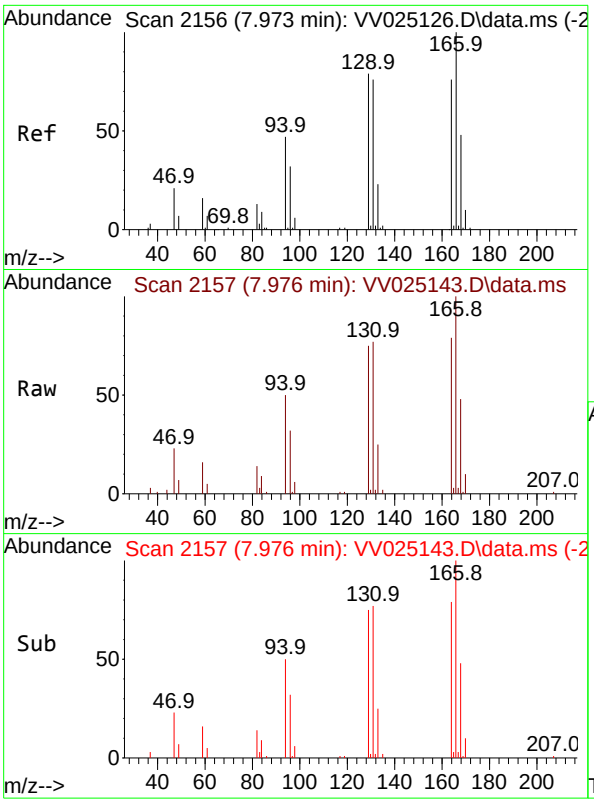


#34
Trichloroethene
Concen: 1.019 ug/L
RT: 5.918 min Scan# 1517
Delta R.T. 0.006 min
Lab File: VV025143.D
Acq: 23 Mar 2022 19:50

Tgt Ion: 95 Resp: 10461

Ion	Ratio	Lower	Upper
95	100		
97	64.3	44.5	82.7
132	92.5	66.5	123.5
130	94.5	68.0	126.2





#47
Tetrachloroethene
Concen: 2.321 ug/L
RT: 7.976 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV025143.D
Acq: 23 Mar 2022 19:50

Instrument :
MSVOA_V
ClientSampleId :
EW610

Tgt Ion:164 Resp: 16764

Ion	Ratio	Lower	Upper
164	100		
129	95.3	70.3	130.7
131	97.9	69.4	129.0
166	126.5	90.3	167.7