Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011323\
Data File : VV029854.D
Acq On : 14 Jan 2023 13:17
Operator : SY/MD
Sample : 01149-04
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 61 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
C0L54

Quant Time: Jan 16 00:40:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 12 22:05:54 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	200791	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	196013	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	102154	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	67280	4.418	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.400%			
7) Chloroethane-d5	1.565	69	64355	5.098	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.000%			
11) 1,1-Dichloroethene-d2	2.105	63	96396	3.472	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 69.400%			
20) 2-Butanone-d5	3.892	46	140576	52.077	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 104.160%			
24) Chloroform-d	4.339	84	147289	5.272	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.400%			
26) 1,2-Dichloroethane-d4	5.024	65	63161	5.338	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 106.800%			
32) Benzene-d6	5.044	84	295658	5.085	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.600%			
36) 1,2-Dichloropropane-d6	6.063	67	93629	5.502	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 110.000%			
41) Toluene-d8	7.307	98	255854	4.753	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.000%			
43) trans-1,3-Dichloroprop...	7.616	79	28589	4.600	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.000%			
46) 2-Hexanone-d5	8.085	63	133556	52.787	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.580%			
56) 1,1,2,2-Tetrachloroeth...	10.204	84	67115	5.382	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.600%			
66) 1,2-Dichlorobenzene-d4	11.612	152	97415	5.245	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	1149	0.060	ug/L #	1
12) 1,1-Dichloroethene	2.114	96	3437	0.200	ug/L #	1
17) Methyl tert-butyl Ether	2.764	73	25362	0.856	ug/L	96
18) trans-1,2-Dichloroethene	2.761	96	2046	0.128	ug/L	91
22) cis-1,2-Dichloroethene	3.905	96	26811	1.579	ug/L	95
34) Trichloroethene	5.905	95	569787	34.693	ug/L	97
42) Toluene	7.381	91	165689	2.370	ug/L	100
53) m,p-Xylene	9.130	106	2999	0.104	ug/L	87

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

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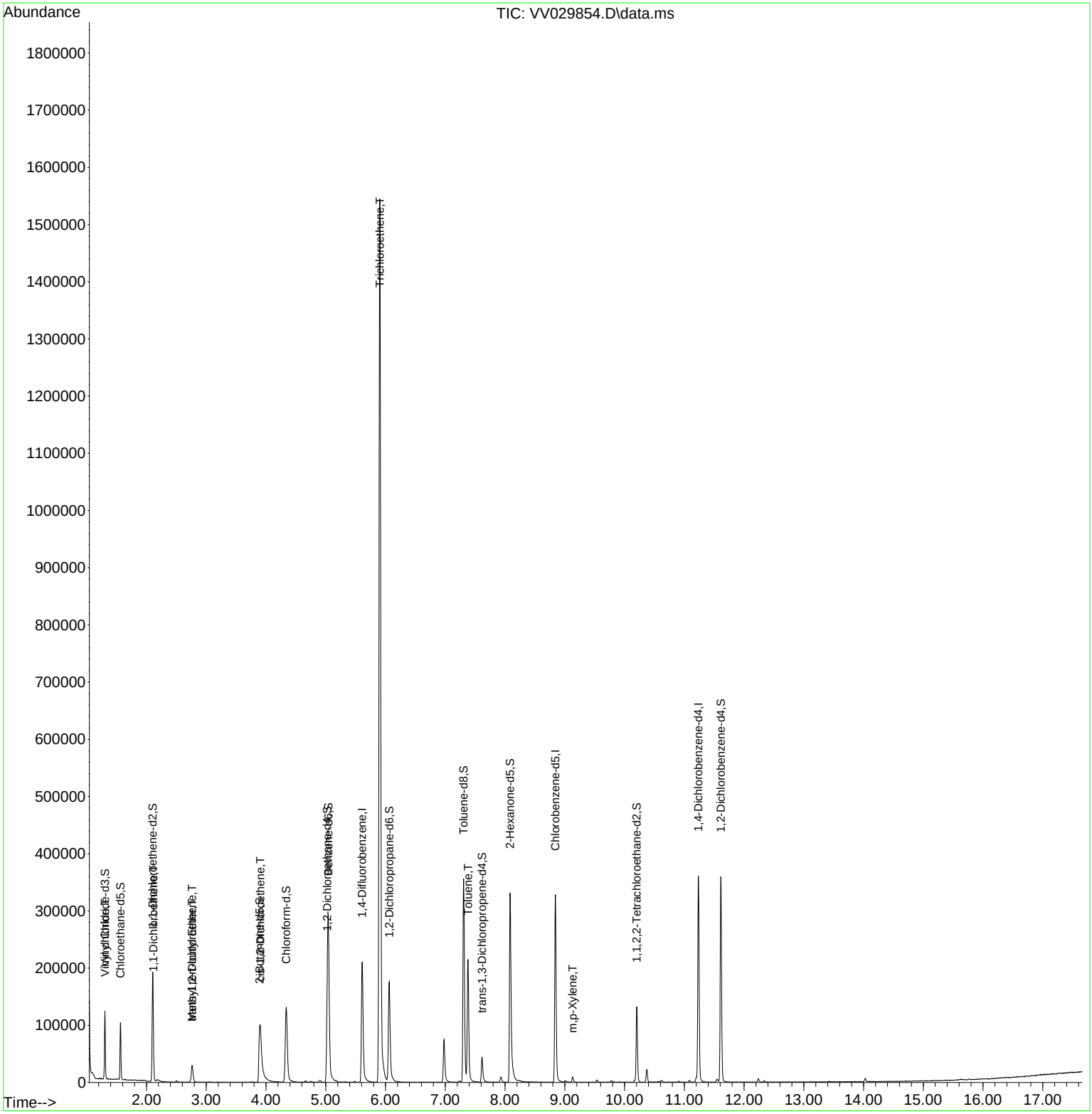
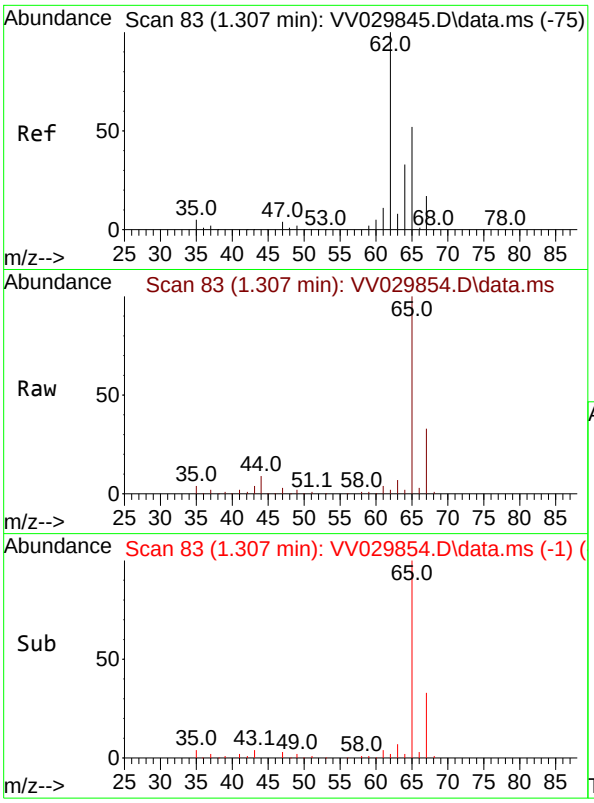


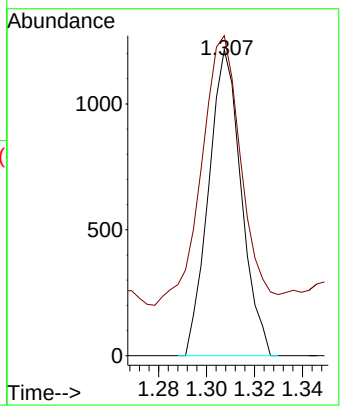


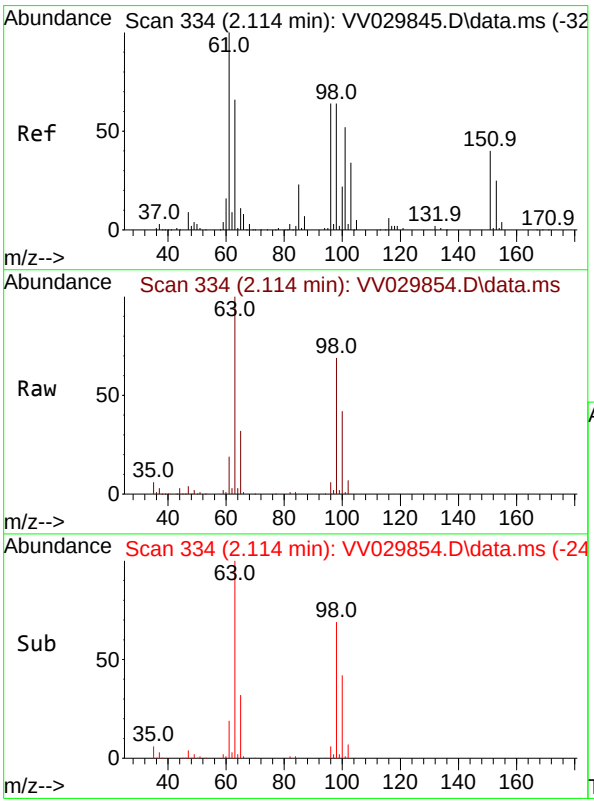
#5
Vinyl chloride
Concen: 0.060 ug/L
RT: 1.307 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV029854.D
Acq: 14 Jan 2023 13:17

Instrument :
MSVOA_V
ClientSampleId :
C0L54

Tgt Ion: 62 Resp: 1149

Ion	Ratio	Lower	Upper
62	100		
64	104.6	23.2	43.2#

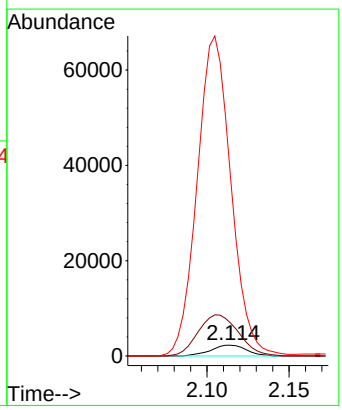


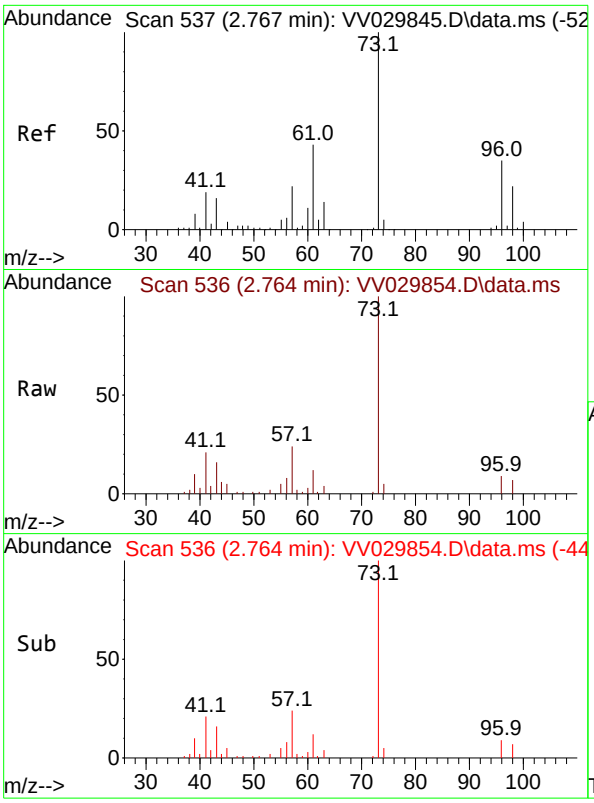


#12
1,1-Dichloroethene
Concen: 0.200 ug/L
RT: 2.114 min Scan# 334
Delta R.T. 0.003 min
Lab File: VV029854.D
Acq: 14 Jan 2023 13:17

Tgt Ion: 96 Resp: 3437

Ion	Ratio	Lower	Upper
96	100		
61	306.3	106.1	197.1#
63	1646.9	76.4	141.8#



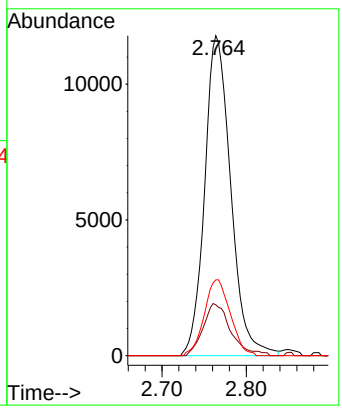


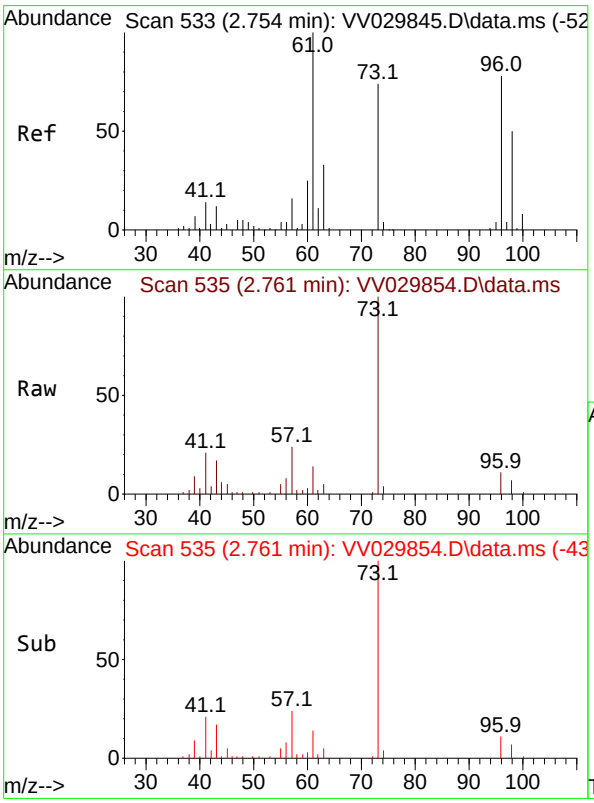
#17
Methyl tert-butyl Ether
Concen: 0.856 ug/L
RT: 2.764 min Scan# 5
Delta R.T. 0.003 min
Lab File: VV029854.D
Acq: 14 Jan 2023 13:17

Instrument :
MSVOA_V
ClientSampleId :
C0L54

Tgt Ion: 73 Resp: 25362

Ion	Ratio	Lower	Upper
73	100		
43	17.2	13.0	19.4
57	23.6	17.1	25.7

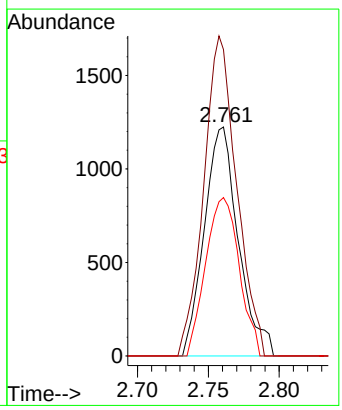


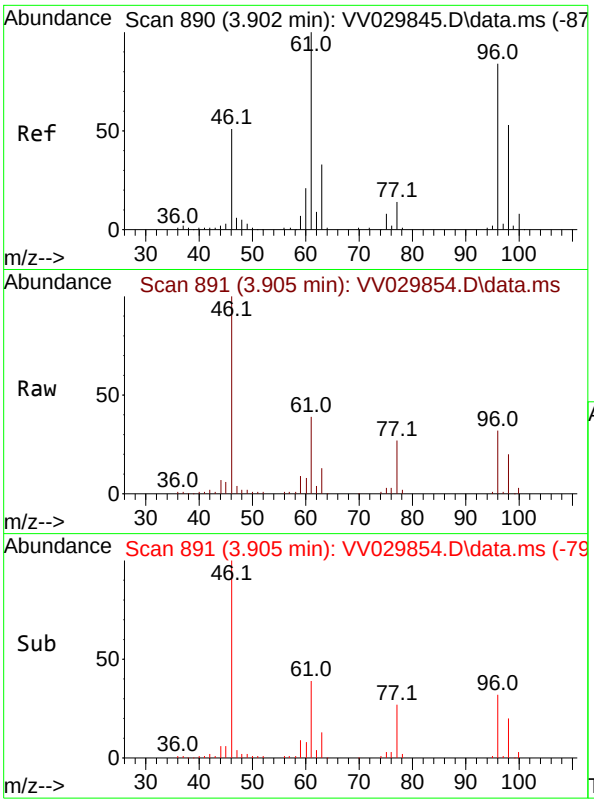


#18
trans-1,2-Dichloroethene
Concen: 0.128 ug/L
RT: 2.761 min Scan# 535
Delta R.T. 0.010 min
Lab File: VV029854.D
Acq: 14 Jan 2023 13:17

Tgt Ion: 96 Resp: 2046

Ion	Ratio	Lower	Upper
96	100		
61	133.8	86.1	159.9
98	69.2	43.9	81.5



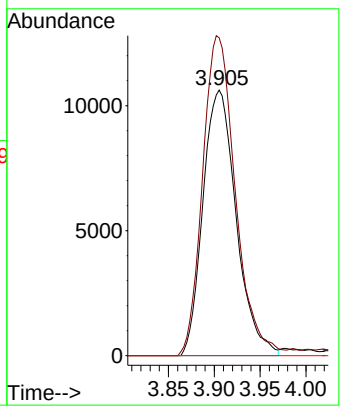


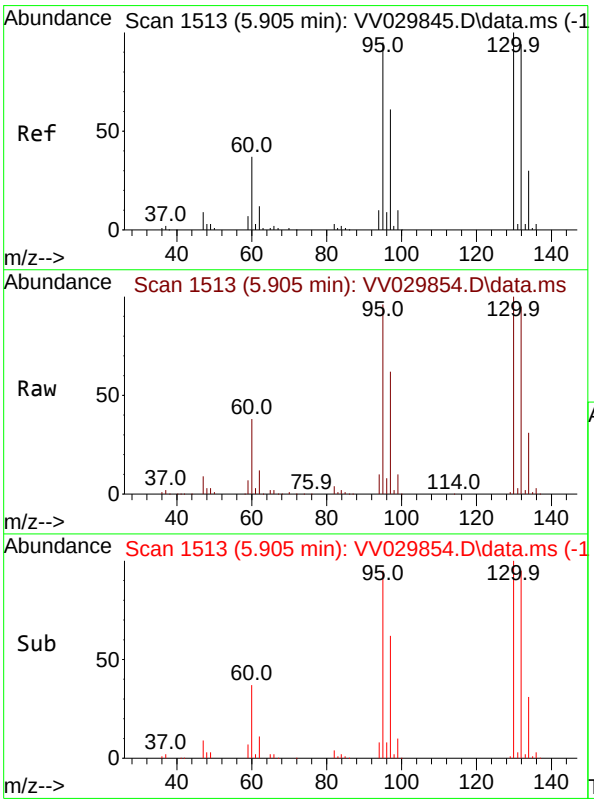
#22
cis-1,2-Dichloroethene
Concen: 1.579 ug/L
RT: 3.905 min Scan# 8
Delta R.T. 0.006 min
Lab File: VV029854.D
Acq: 14 Jan 2023 13:17

Instrument :
MSVOA_V
ClientSampleId :
C0L54

Tgt Ion: 96 Resp: 26811

Ion	Ratio	Lower	Upper
96	100		
61	119.7	80.0	148.6
68	0.0	0.0	0.0

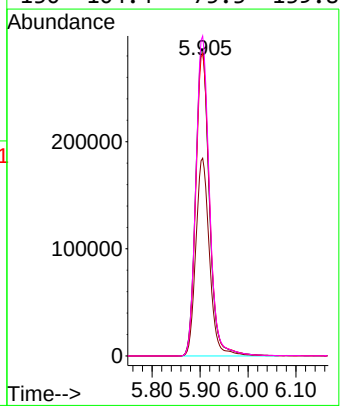


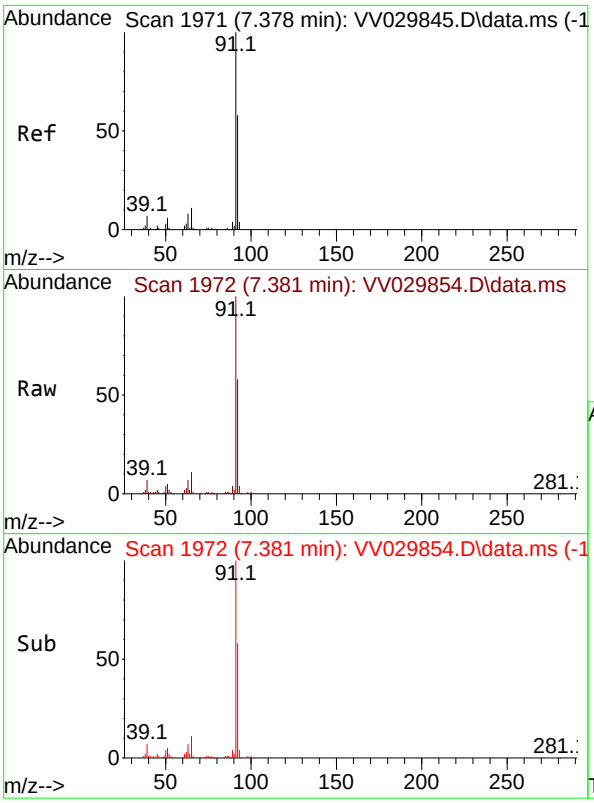


#34
Trichloroethene
Concen: 34.693 ug/L
RT: 5.905 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VV029854.D
Acq: 14 Jan 2023 13:17

Tgt Ion: 95 Resp: 569787

Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.9	83.3
132	98.7	71.8	133.4
130	104.4	75.3	139.8



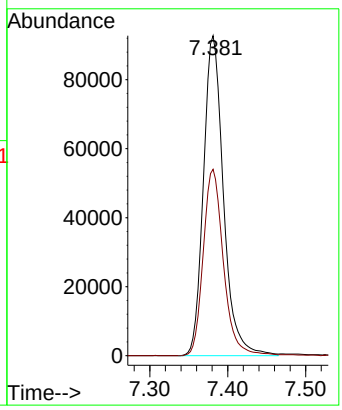


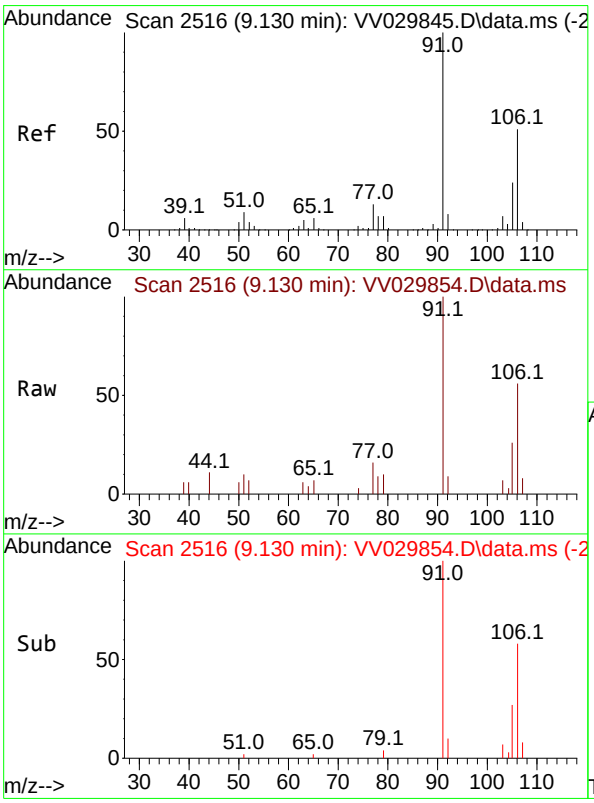
#42
Toluene
Concen: 2.370 ug/L
RT: 7.381 min Scan# 1
Delta R.T. 0.003 min
Lab File: VV029854.D
Acq: 14 Jan 2023 13:17

Instrument :
MSVOA_V
ClientSampleId :
C0L54

Tgt Ion: 91 Resp: 165689

Ion	Ratio	Lower	Upper
91	100		
92	58.2	40.6	75.4





#53
m,p-Xylene
Concen: 0.104 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. 0.000 min
Lab File: VV029854.D
Acq: 14 Jan 2023 13:17

Tgt Ion:106 Resp: 2999

Ion	Ratio	Lower	Upper
106	100		
91	178.9	138.7	257.7