Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111922\
Data File : VV029190.D
Acq On : 19 Nov 2022 23:17
Operator : SY/MD
Sample : N5648-04DL 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46D5DL

Quant Time: Nov 20 04:29:40 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sun Nov 20 03:53:06 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	306569	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	284970	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	131670	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	95184	5.093	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.800%			
7) Chloroethane-d5	1.568	69	77028	4.688	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.800%			
11) 1,1-Dichloroethene-d2	2.108	63	122672	3.602	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 72.000%			
20) 2-Butanone-d5	3.895	46	99507	31.805	ug/L	-0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 63.620%			
24) Chloroform-d	4.342	84	171223	4.462	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.200%			
26) 1,2-Dichloroethane-d4	5.027	65	79440	4.601	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.000%			
32) Benzene-d6	5.047	84	361709	4.252	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.000%			
36) 1,2-Dichloropropane-d6	6.066	67	103766	4.369	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.400%			
41) Toluene-d8	7.310	98	317140	4.142	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.800%			
43) trans-1,3-Dichloroprop...	7.622	79	31255	4.035	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.600%			
46) 2-Hexanone-d5	8.088	63	143585	43.423	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.840%			
56) 1,1,2,2-Tetrachloroeth...	10.210	84	73653	4.473	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 89.400%			
66) 1,2-Dichlorobenzene-d4	11.615	152	109972	4.668	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	20858	0.862	ug/L	87
16) Methylene chloride	2.506	84	7926	0.330	ug/L	90
17) Methyl tert-butyl Ether	2.767	73	8750	0.220	ug/L #	93
18) trans-1,2-Dichloroethene	2.760	96	12101	0.562	ug/L	97
19) 1,1-Dichloroethane	3.195	63	2211	0.063	ug/L	95
22) cis-1,2-Dichloroethene	3.905	96	347770	15.893	ug/L	98
34) Trichloroethene	5.911	95	78524	3.522	ug/L	98

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

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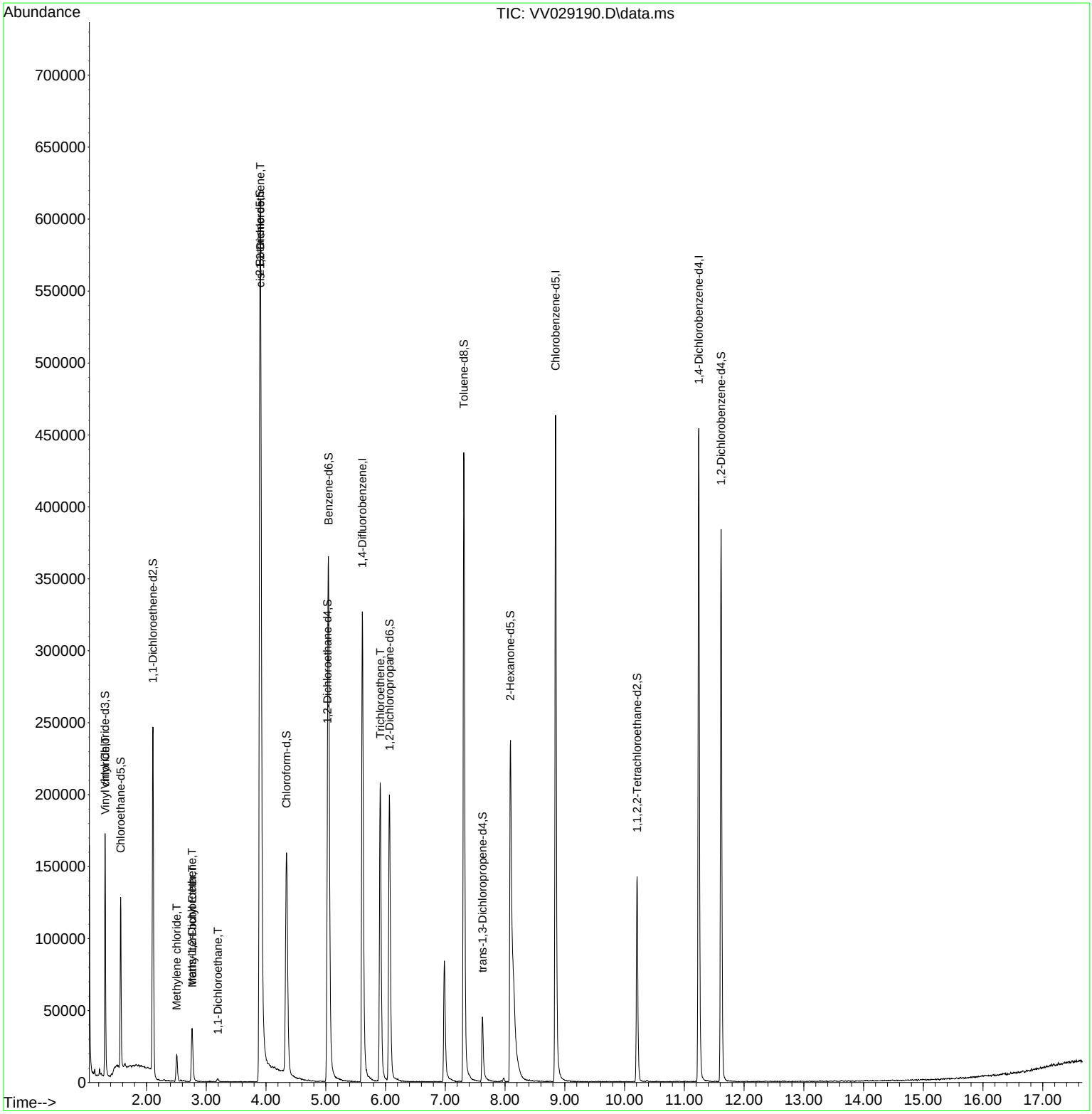
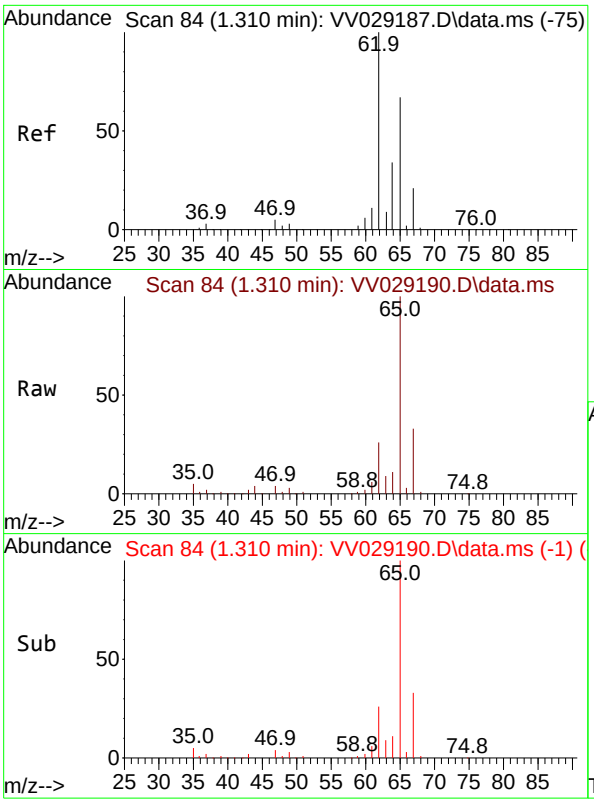


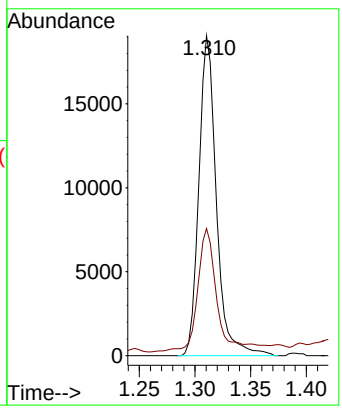


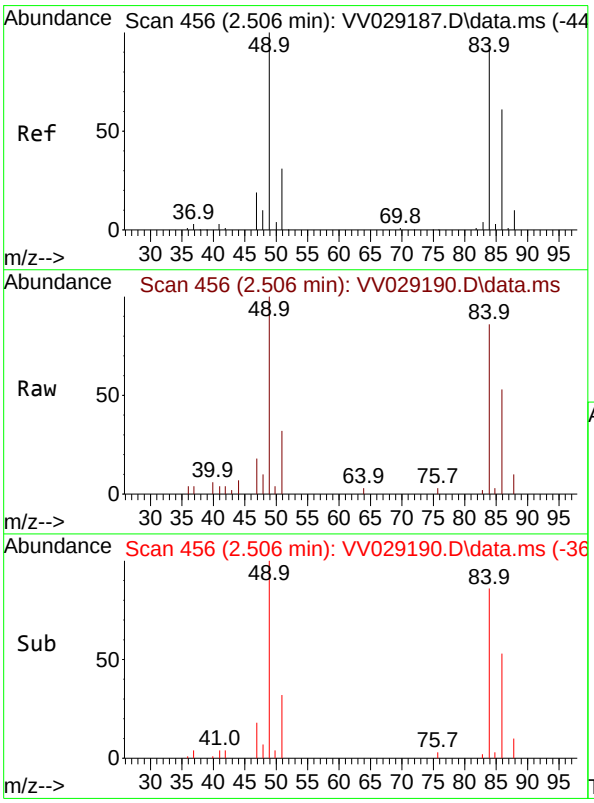
#5
Vinyl chloride
Concen: 0.862 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029190.D
Acq: 19 Nov 2022 23:17

Instrument :
MSVOA_V
ClientSampleId :
H46D5DL

Tgt Ion: 62 Resp: 20858

Ion	Ratio	Lower	Upper
62	100		
64	39.7	22.8	42.4

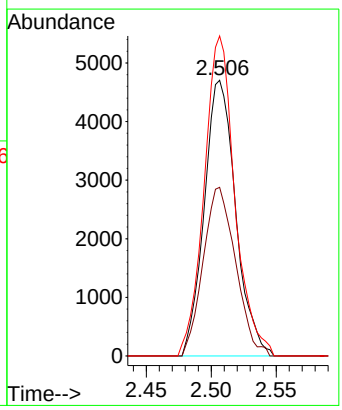


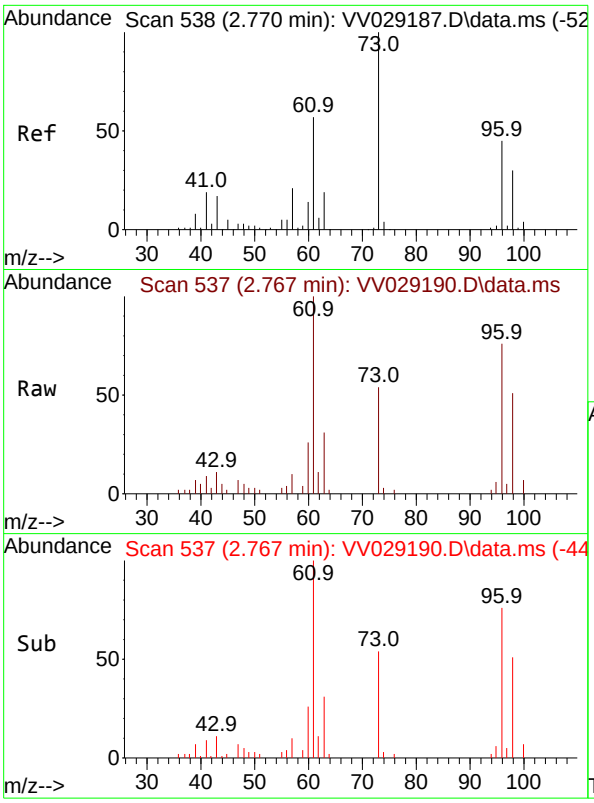


#16
Methylene chloride
Concen: 0.330 ug/L
RT: 2.506 min Scan# 456
Delta R.T. 0.000 min
Lab File: VV029190.D
Acq: 19 Nov 2022 23:17

Tgt Ion: 84 Resp: 7926

Ion	Ratio	Lower	Upper
84	100		
86	61.1	45.8	85.0
49	120.7	75.5	140.1



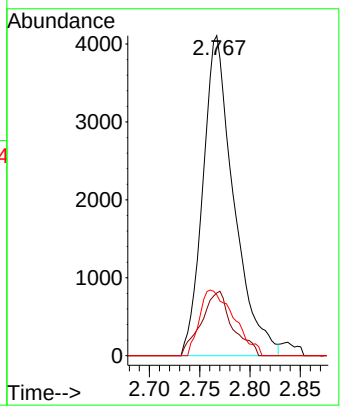


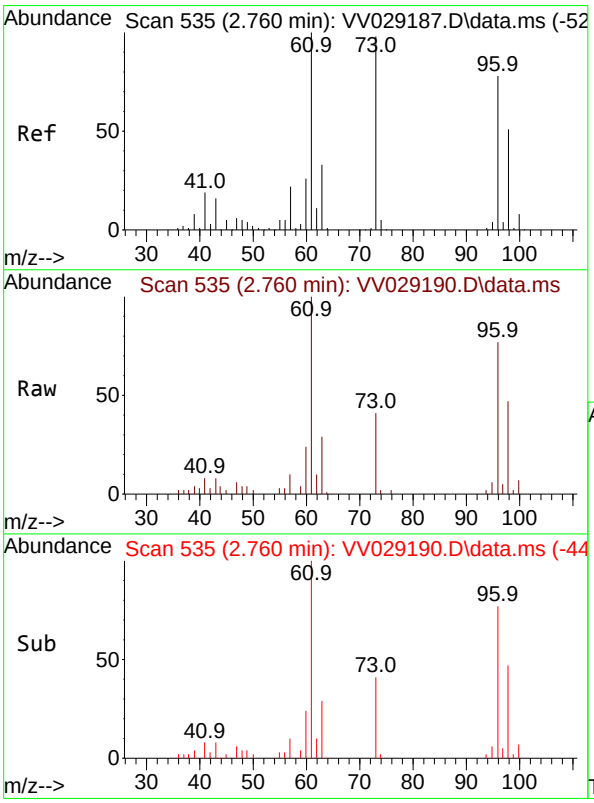
#17
Methyl tert-butyl Ether
Concen: 0.220 ug/L
RT: 2.767 min Scan# 5
Delta R.T. -0.003 min
Lab File: VV029190.D
Acq: 19 Nov 2022 23:17

Instrument :
MSVOA_V
ClientSampleId :
H46D5DL

Tgt Ion: 73 Resp: 8750

Ion	Ratio	Lower	Upper
73	100		
43	20.3	13.0	19.4#
57	22.9	16.6	24.8

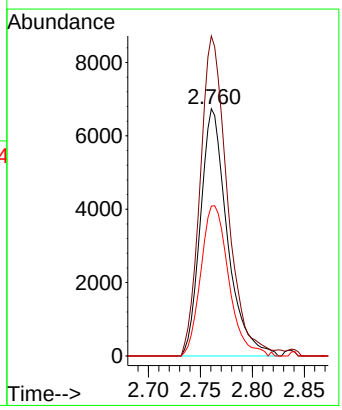


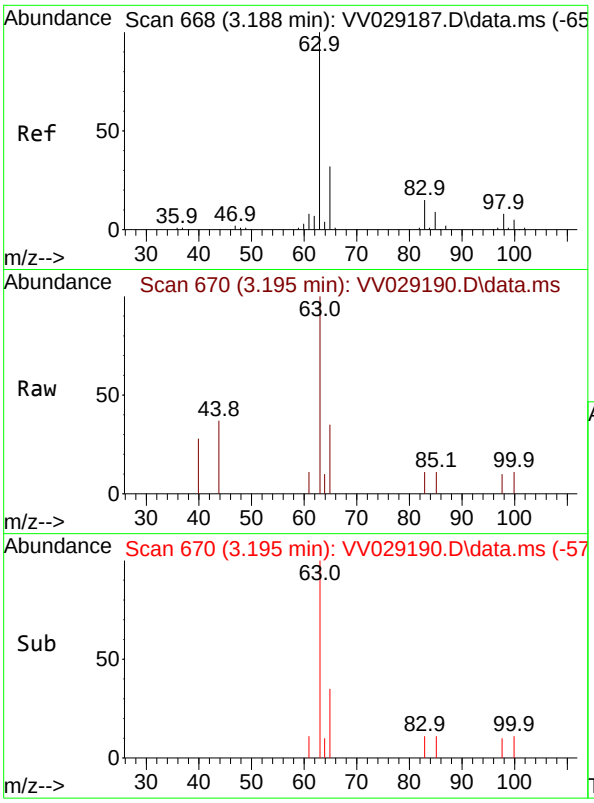


#18
trans-1,2-Dichloroethene
Concen: 0.562 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.000 min
Lab File: VV029190.D
Acq: 19 Nov 2022 23:17

Tgt Ion: 96 Resp: 12101

Ion	Ratio	Lower	Upper
96	100		
61	129.5	91.8	170.6
98	60.6	46.4	86.2



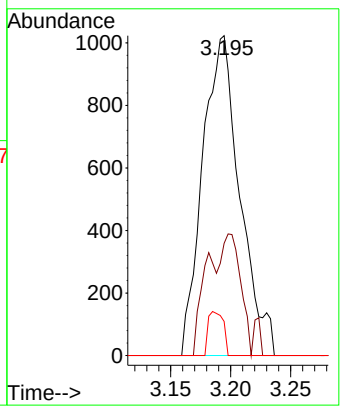


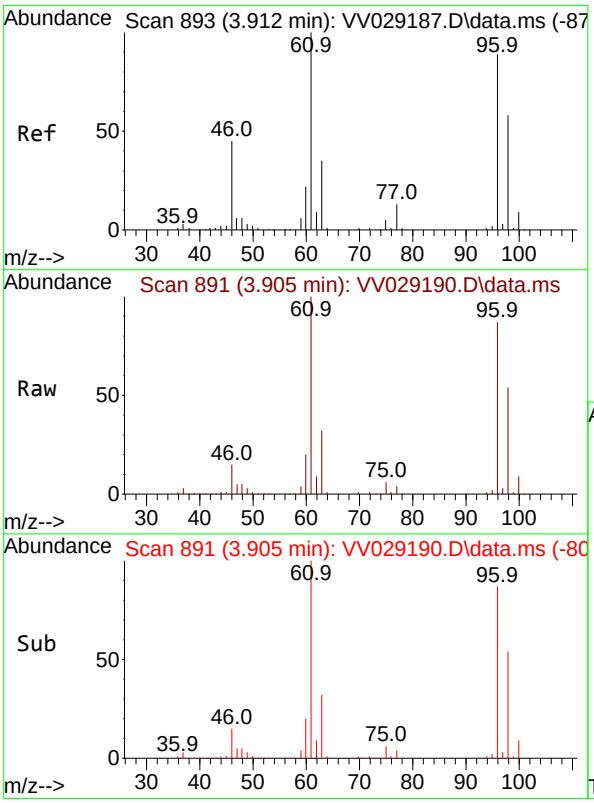
#19
1,1-Dichloroethane
Concen: 0.063 ug/L
RT: 3.195 min Scan# 6
Delta R.T. 0.006 min
Lab File: VV029190.D
Acq: 19 Nov 2022 23:17

Instrument :
MSVOA_V
ClientSampleId :
H46D5DL

Tgt Ion: 63 Resp: 2211

Ion	Ratio	Lower	Upper
63	100		
65	35.1	23.0	42.6
83	10.7	9.4	17.6

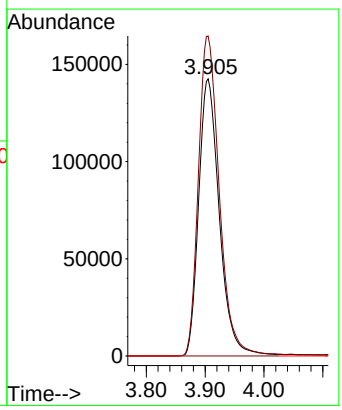


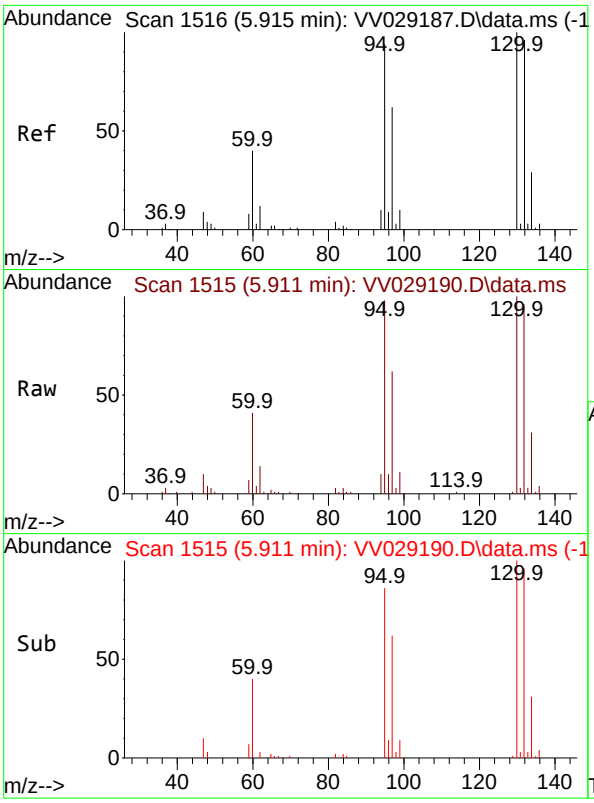


#22
cis-1,2-Dichloroethene
Concen: 15.893 ug/L
RT: 3.905 min Scan# 891
Delta R.T. -0.006 min
Lab File: VV029190.D
Acq: 19 Nov 2022 23:17

Tgt Ion: 96 Resp: 347770

Ion	Ratio	Lower	Upper
96	100		
61	115.4	82.3	152.9
68	0.0	0.0	0.0





#34
Trichloroethene
Concen: 3.522 ug/L
RT: 5.911 min Scan# 1
Delta R.T. -0.003 min
Lab File: VV029190.D
Acq: 19 Nov 2022 23:17

Instrument :
MSVOA_V
ClientSampleId :
H46D5DL

Tgt Ion: 95 Resp: 78524

Ion	Ratio	Lower	Upper
95	100		
97	63.8	45.6	84.8
132	98.4	69.1	128.3
130	102.5	74.9	139.1