Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111722\
Data File : VV029064.D
Acq On : 17 Nov 2022 15:28
Operator : SY/MD
Sample : N5604-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46D3

Quant Time: Nov 18 01:42:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 01:37:41 2022
Response via : Initial Calibration

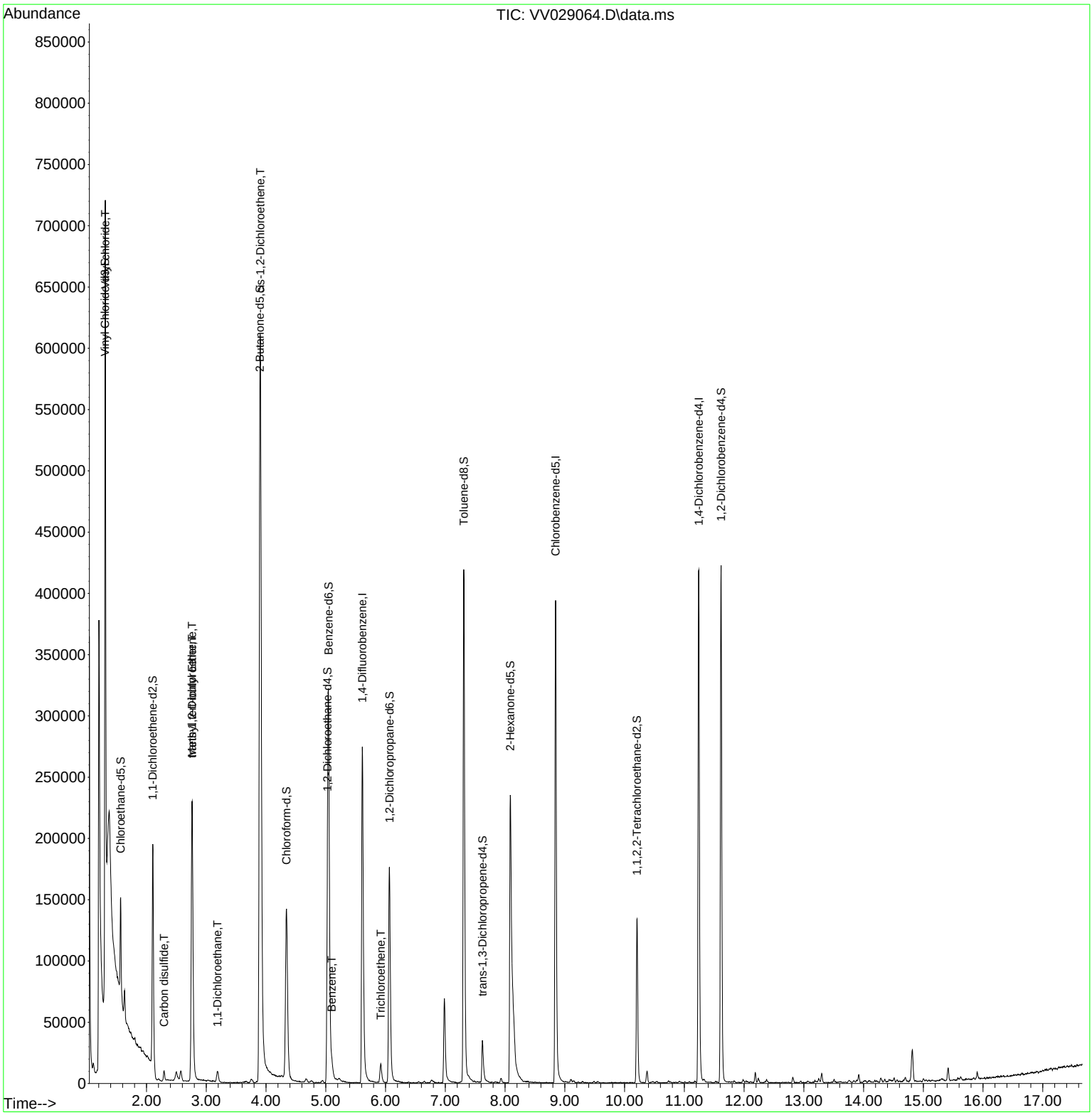
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.612	114	268116	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.847	117	244614	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.242	152	123530	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	65987	4.037	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.800%			
7) Chloroethane-d5	1.568	69	54340	3.782	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 75.600%			
11) 1,1-Dichloroethene-d2	2.105	63	86625	2.908	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 58.200%#			
20) 2-Butanone-d5	3.895	46	79460	29.040	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 58.080%			
24) Chloroform-d	4.342	84	153899	4.586	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.800%			
26) 1,2-Dichloroethane-d4	5.027	65	69810	4.623	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.400%			
32) Benzene-d6	5.047	84	321489	4.403	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.000%			
36) 1,2-Dichloropropane-d6	6.066	67	90745	4.451	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.000%			
41) Toluene-d8	7.310	98	301110	4.581	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.600%			
43) trans-1,3-Dichloroprop...	7.622	79	23283	3.501	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 70.000%			
46) 2-Hexanone-d5	8.088	63	126698	44.638	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.280%			
56) 1,1,2,2-Tetrachloroeth...	10.207	84	67844	4.800	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.000%			
66) 1,2-Dichlorobenzene-d4	11.615	152	122837	5.558	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	368207	17.402	ug/L #	66
14) Carbon disulfide	2.294	76	11202	0.194	ug/L	99
17) Methyl tert-butyl Ether	2.764	73	216630	6.225	ug/L	99
18) trans-1,2-Dichloroethene	2.760	96	15362	0.816	ug/L	90
19) 1,1-Dichloroethane	3.188	63	9351	0.304	ug/L #	94
22) cis-1,2-Dichloroethene	3.905	96	364058	19.023	ug/L	95
33) Benzene	5.098	78	14243	0.191	ug/L	100
34) Trichloroethene	5.921	95	6013	0.314	ug/L	93

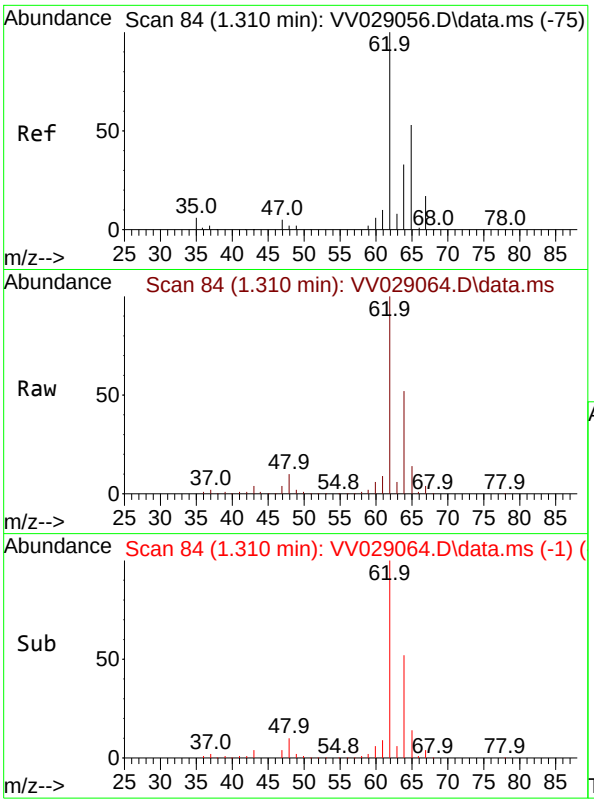
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111722\
Data File : VV029064.D
Acq On : 17 Nov 2022 15:28
Operator : SY/MD
Sample : N5604-14
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
H46D3

Quant Time: Nov 18 01:42:52 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111122WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 18 01:37:41 2022
Response via : Initial Calibration



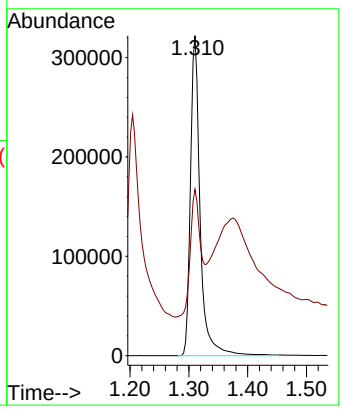


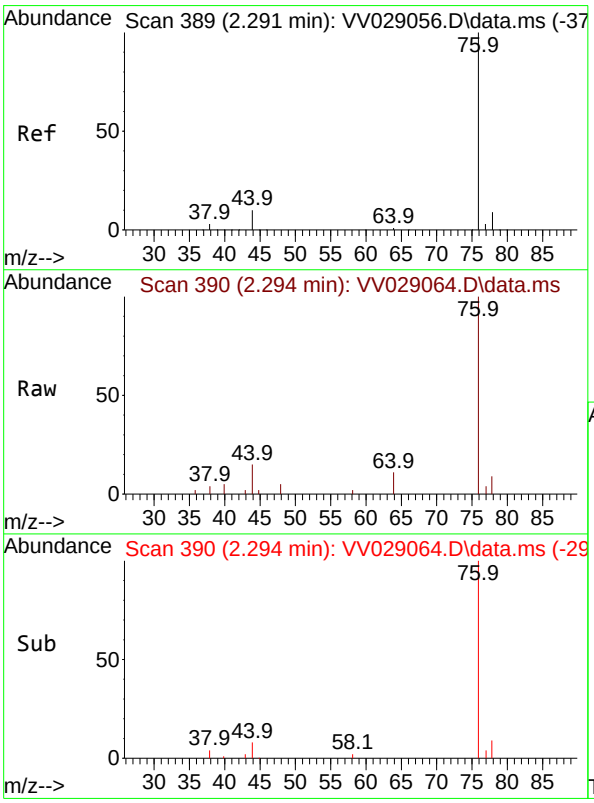
#5
Vinyl chloride
Concen: 17.402 ug/L
RT: 1.310 min Scan# 84
Delta R.T. 0.000 min
Lab File: VV029064.D
Acq: 17 Nov 2022 15:28

Instrument :
MSVOA_V
ClientSampleId :
H46D3

Tgt Ion: 62 Resp: 368207

Ion	Ratio	Lower	Upper
62	100		
64	51.9	22.8	42.4#

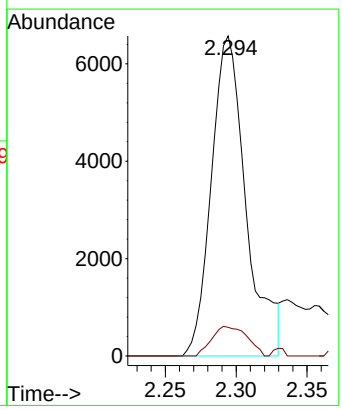


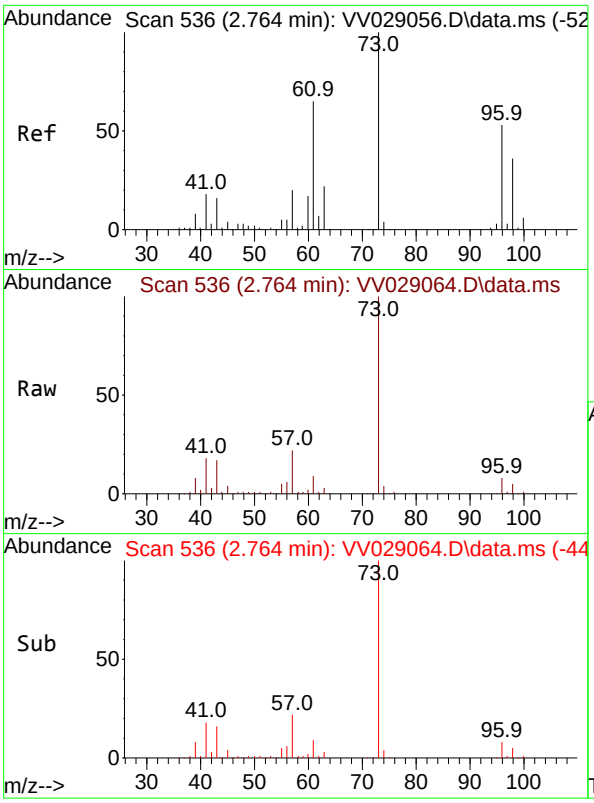


#14
Carbon disulfide
Concen: 0.194 ug/L
RT: 2.294 min Scan# 390
Delta R.T. 0.003 min
Lab File: VV029064.D
Acq: 17 Nov 2022 15:28

Tgt Ion: 76 Resp: 11202

Ion	Ratio	Lower	Upper
76	100		
78	9.0	7.4	11.2



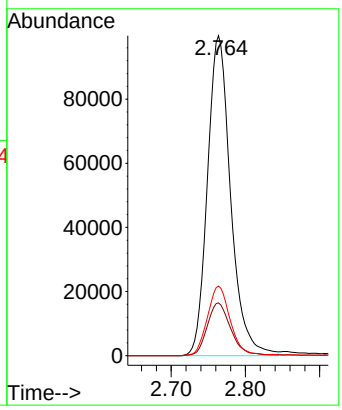


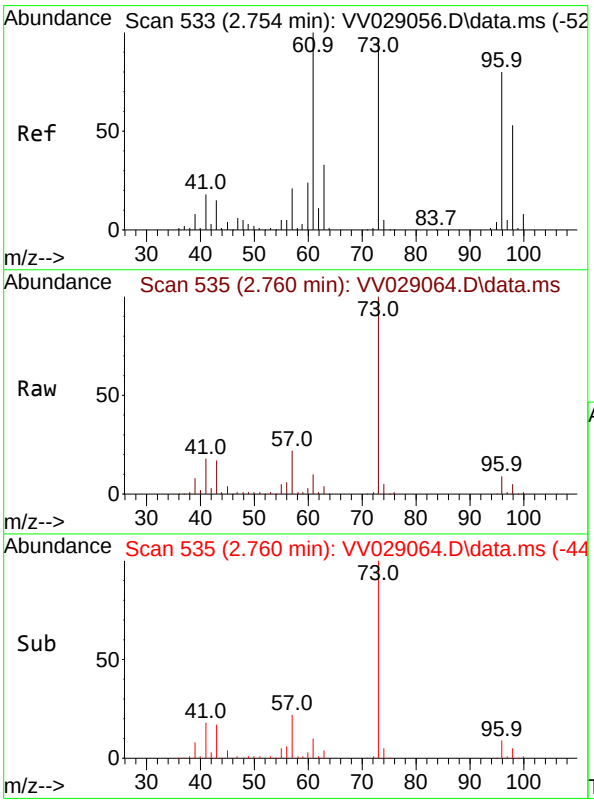
#17
Methyl tert-butyl Ether
Concen: 6.225 ug/L
RT: 2.764 min Scan# 5
Delta R.T. 0.000 min
Lab File: VV029064.D
Acq: 17 Nov 2022 15:28

Instrument :
MSVOA_V
ClientSampleId :
H46D3

Tgt Ion: 73 Resp: 216630

Ion	Ratio	Lower	Upper
73	100		
43	16.7	13.0	19.4
57	21.4	16.6	24.8

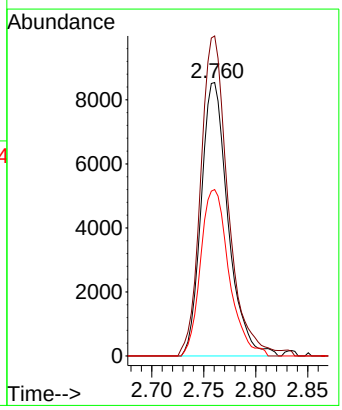


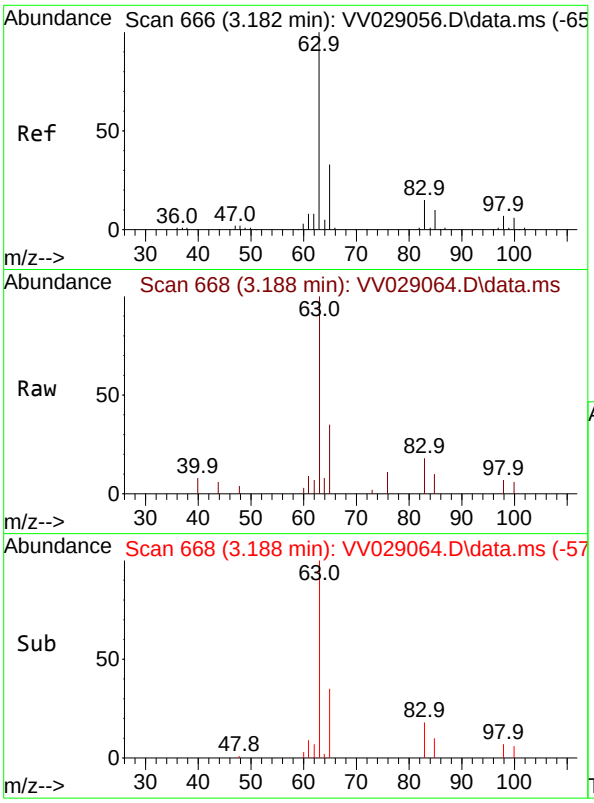


#18
trans-1,2-Dichloroethene
Concen: 0.816 ug/L
RT: 2.760 min Scan# 535
Delta R.T. 0.006 min
Lab File: VV029064.D
Acq: 17 Nov 2022 15:28

Tgt Ion: 96 Resp: 15362

Ion	Ratio	Lower	Upper
96	100		
61	117.0	91.8	170.6
98	60.9	46.4	86.2



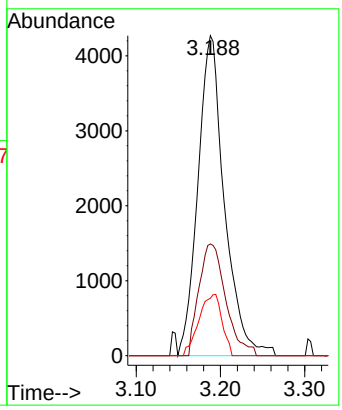


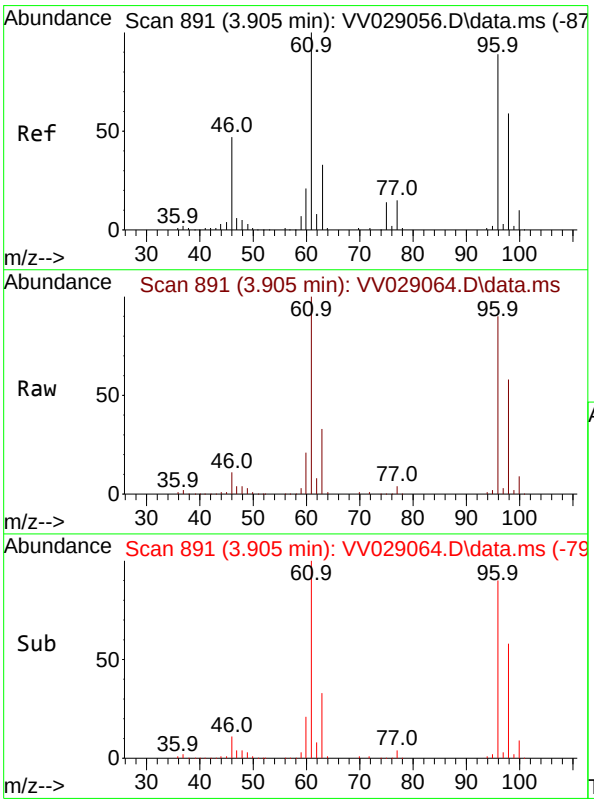
#19
1,1-Dichloroethane
Concen: 0.304 ug/L
RT: 3.188 min Scan# 6
Delta R.T. 0.006 min
Lab File: VV029064.D
Acq: 17 Nov 2022 15:28

Instrument :
MSVOA_V
ClientSampleId :
H46D3

Tgt Ion: 63 Resp: 9351

Ion	Ratio	Lower	Upper
63	100		
65	34.9	23.0	42.6
83	18.0	9.4	17.6#

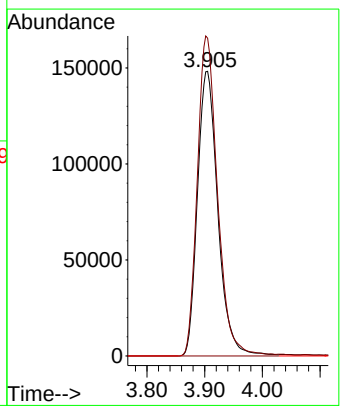


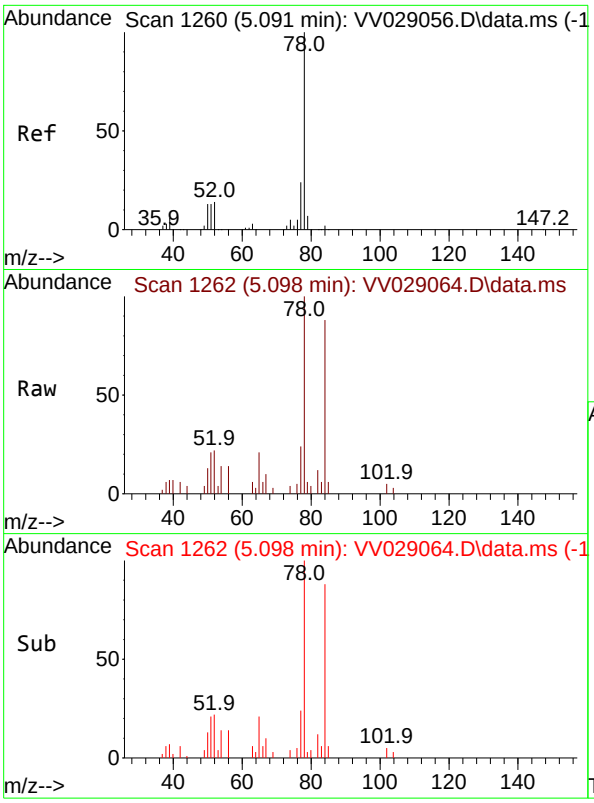


#22
cis-1,2-Dichloroethene
Concen: 19.023 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.000 min
Lab File: VV029064.D
Acq: 17 Nov 2022 15:28

Tgt Ion: 96 Resp: 364058

Ion	Ratio	Lower	Upper
96	100		
61	111.7	82.3	152.9
68	0.0	0.0	0.0

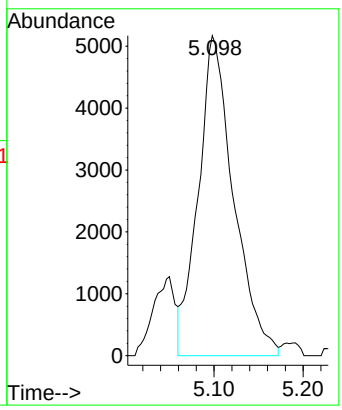


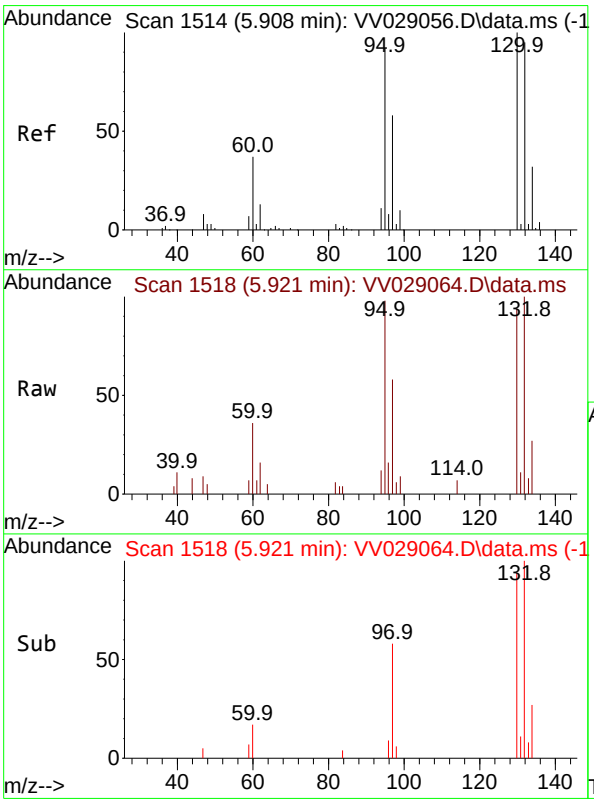


#33
Benzene
Concen: 0.191 ug/L
RT: 5.098 min Scan# 1
Delta R.T. 0.006 min
Lab File: VV029064.D
Acq: 17 Nov 2022 15:28

Instrument :
MSVOA_V
ClientSampleId :
H46D3

Tgt Ion: 78 Resp: 14243





#34
Trichloroethene
Concen: 0.314 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.013 min
Lab File: VV029064.D
Acq: 17 Nov 2022 15:28

Tgt Ion: 95 Resp: 6013

Ion	Ratio	Lower	Upper
95	100		
97	59.6	45.6	84.8
132	101.9	69.1	128.3
130	95.5	74.9	139.1