Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100522\
Data File : VV028371.D
Acq On : 05 Oct 2022 16:14
Operator : SY/MD
Sample : N4866-05
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXFQ1

Quant Time: Oct 06 02:33:19 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR100322WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 04 02:28:45 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	118178	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	121627	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	59869	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	42081	4.739	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.800%			
7) Chloroethane-d5	1.564	69	35030	4.660	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.200%			
11) 1,1-Dichloroethene-d2	2.105	63	53760	3.212	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.200%			
20) 2-Butanone-d5	3.902	46	177159	117.916	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 235.840%#			
24) Chloroform-d	4.346	84	84951	5.281	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 105.600%			
26) 1,2-Dichloroethane-d4	5.034	65	50061	6.713	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 134.200%#			
32) Benzene-d6	5.047	84	162420	4.868	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.400%			
36) 1,2-Dichloropropane-d6	6.069	67	55987	5.850	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 117.000%			
41) Toluene-d8	7.313	98	127287	4.148	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.000%			
43) trans-1,3-Dichloroprop...	7.625	79	20020	5.492	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 109.800%			
46) 2-Hexanone-d5	8.088	63	140382	94.086	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 188.180%#			
56) 1,1,2,2-Tetrachloroeth...	10.214	84	58734	8.096	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 162.000%#			
66) 1,2-Dichlorobenzene-d4	11.622	152	59800	5.804	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 116.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.307	62	1056510	104.151	ug/L	99
12) 1,1-Dichloroethene	2.117	96	2020	0.238	ug/L #	1
18) trans-1,2-Dichloroethene	2.757	96	9835	1.114	ug/L	98
19) 1,1-Dichloroethane	3.185	63	2147	0.143	ug/L #	85
22) cis-1,2-Dichloroethene	3.905	96	921456	103.631	ug/L	96
27) 1,2-Dichloroethane	5.146	62	2022	0.229	ug/L #	70
33) Benzene	5.101	78	24574	0.679	ug/L	100
34) Trichloroethene	5.921	95	7868	0.868	ug/L	97
52) Ethylbenzene	9.017	91	3181	0.079	ug/L	92

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

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Quant Title : TRACE VOA SFAM1.0
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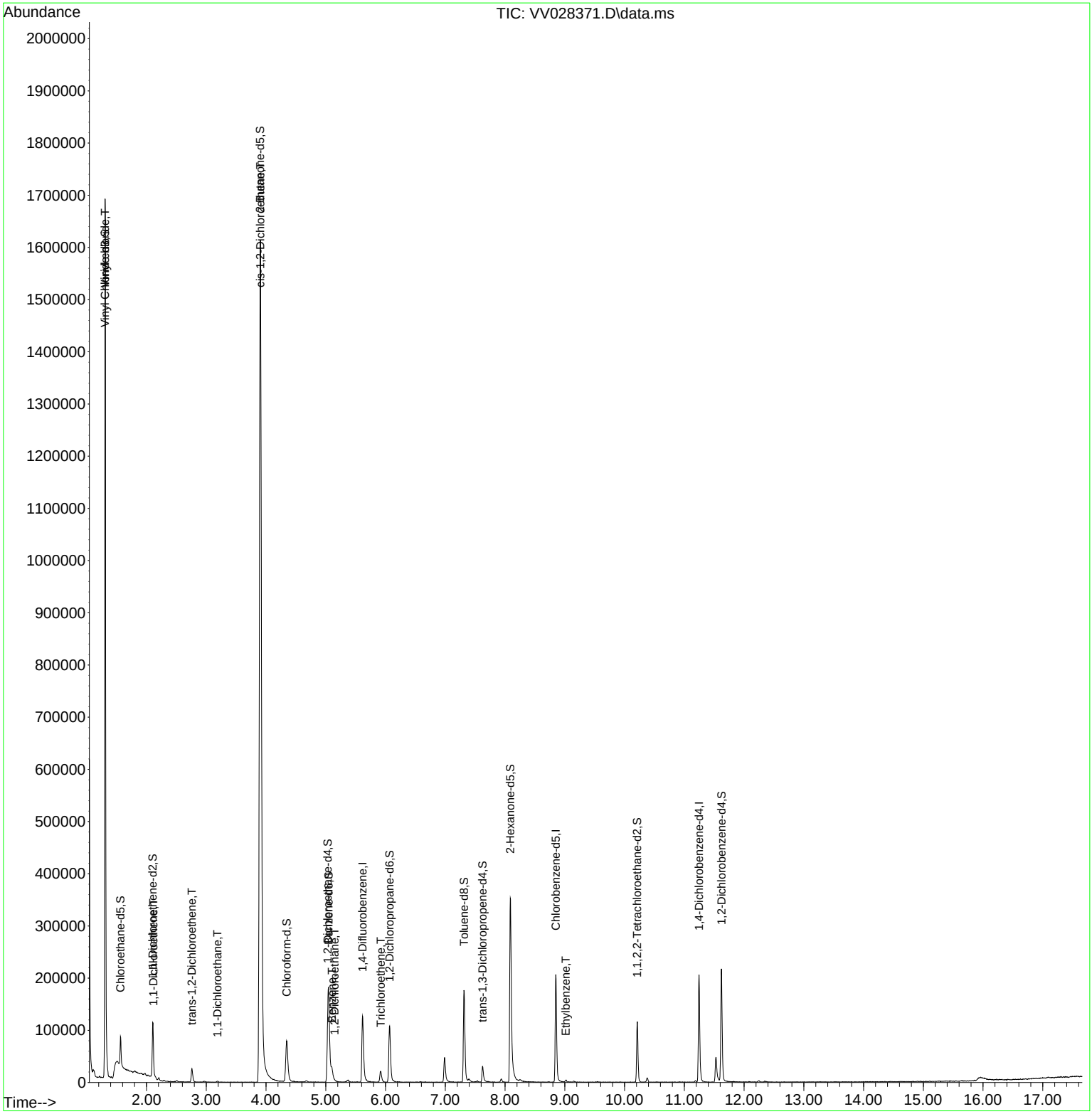
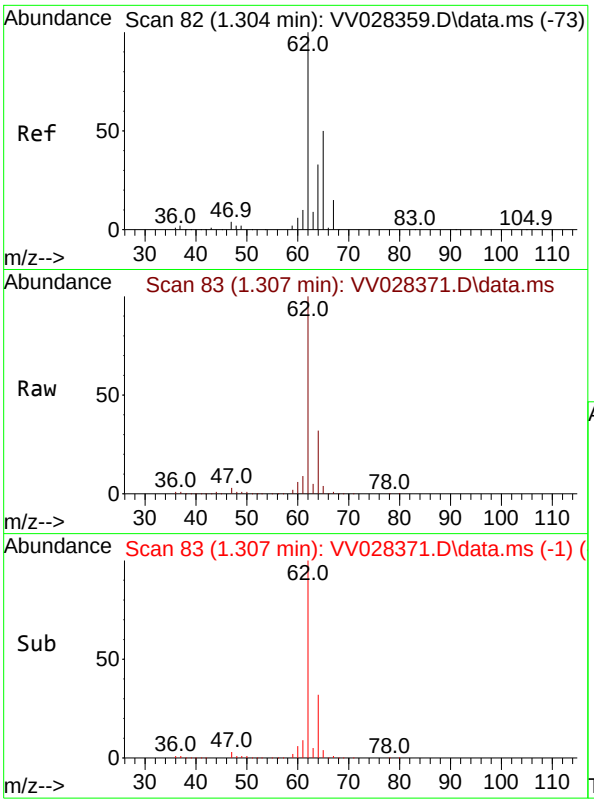


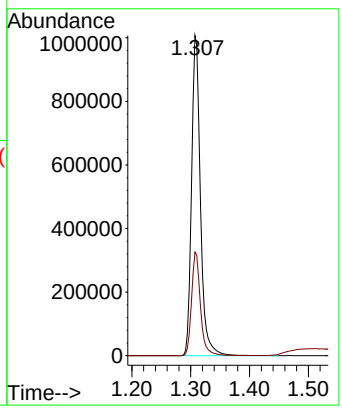


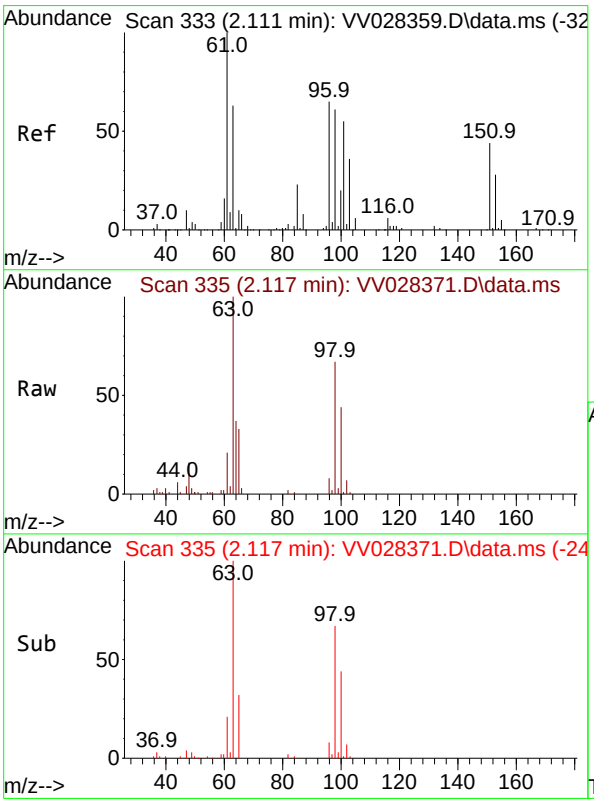
#5
Vinyl chloride
Concen: 104.151 ug/L
RT: 1.307 min Scan# 8
Delta R.T. 0.003 min
Lab File: VV028371.D
Acq: 05 Oct 2022 16:14

Instrument :
MSVOA_V
ClientSampleId :
EXFQ1

Tgt Ion: 62 Resp: 1056510

Ion	Ratio	Lower	Upper
62	100		
64	32.4	23.0	42.8

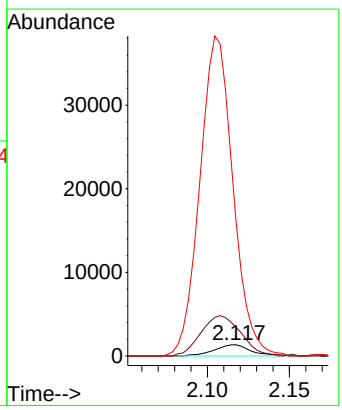


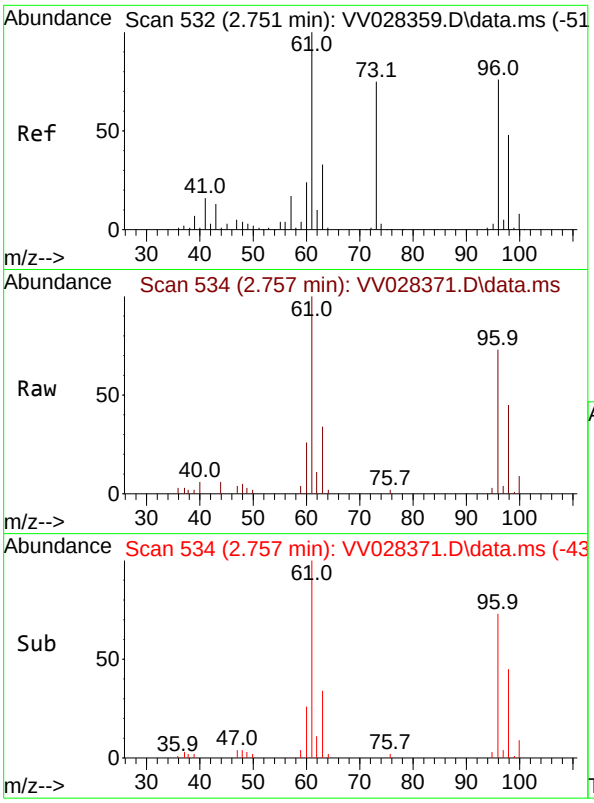


#12
1,1-Dichloroethene
Concen: 0.238 ug/L
RT: 2.117 min Scan# 335
Delta R.T. 0.006 min
Lab File: VV028371.D
Acq: 05 Oct 2022 16:14

Tgt Ion: 96 Resp: 2020

Ion	Ratio	Lower	Upper
96	100		
61	259.2	128.3	238.3#
63	1216.6	112.7	209.3#



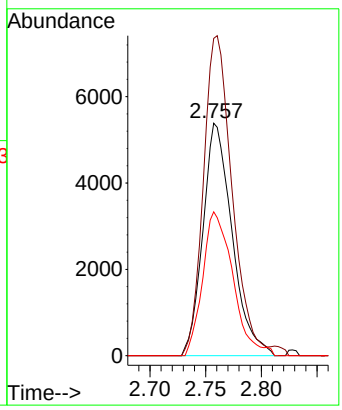


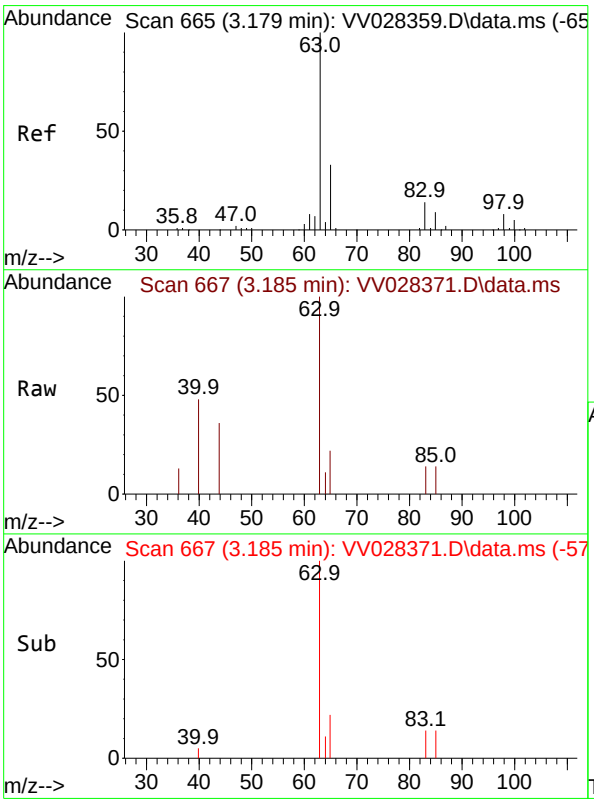
#18
trans-1,2-Dichloroethene
Concen: 1.114 ug/L
RT: 2.757 min Scan# 5
Delta R.T. 0.006 min
Lab File: VV028371.D
Acq: 05 Oct 2022 16:14

Instrument :
MSVOA_V
ClientSampleId :
EXFQ1

Tgt Ion: 96 Resp: 9835

Ion	Ratio	Lower	Upper
96	100		
61	136.5	96.2	178.6
98	61.9	45.7	84.9

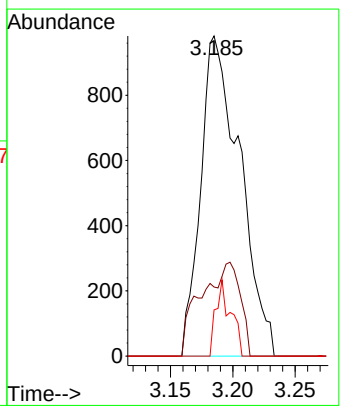


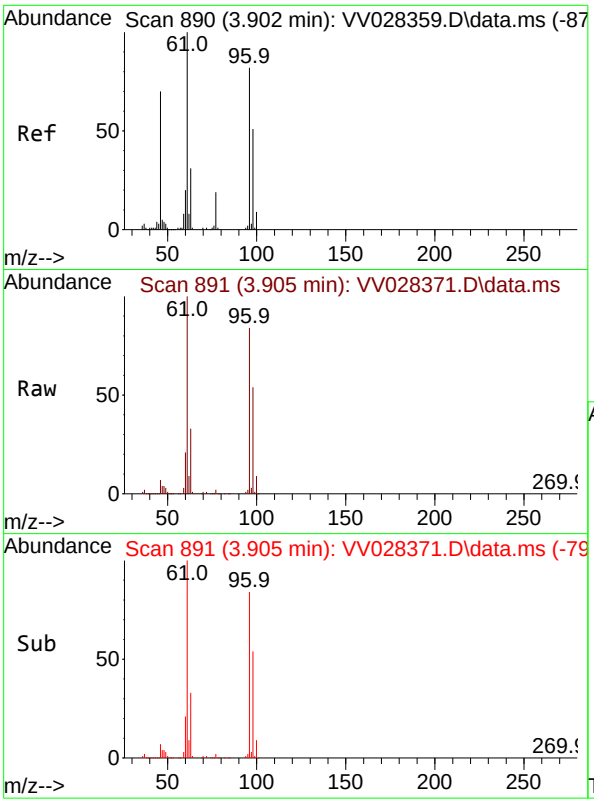


#19
1,1-Dichloroethane
Concen: 0.143 ug/L
RT: 3.185 min Scan# 667
Delta R.T. 0.003 min
Lab File: VV028371.D
Acq: 05 Oct 2022 16:14

Tgt Ion: 63 Resp: 2147

Ion	Ratio	Lower	Upper
63	100		
65	21.6	23.0	42.8#
83	14.5	9.2	17.2



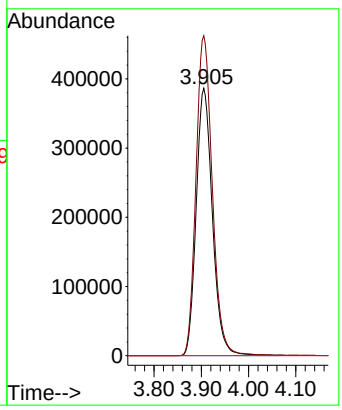


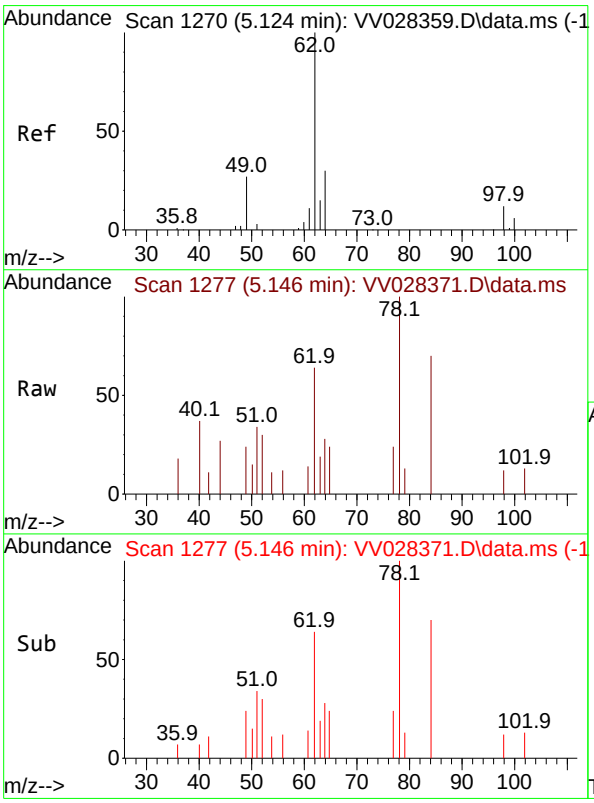
#22
cis-1,2-Dichloroethene
Concen: 103.631 ug/L
RT: 3.905 min Scan# 8
Delta R.T. 0.000 min
Lab File: VV028371.D
Acq: 05 Oct 2022 16:14

Instrument :
MSVOA_V
ClientSampleId :
EXFQ1

Tgt Ion: 96 Resp: 921456

Ion	Ratio	Lower	Upper
96	100		
61	119.7	87.2	161.9
68	0.0	0.0	0.0

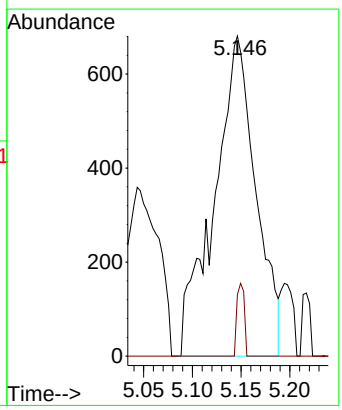


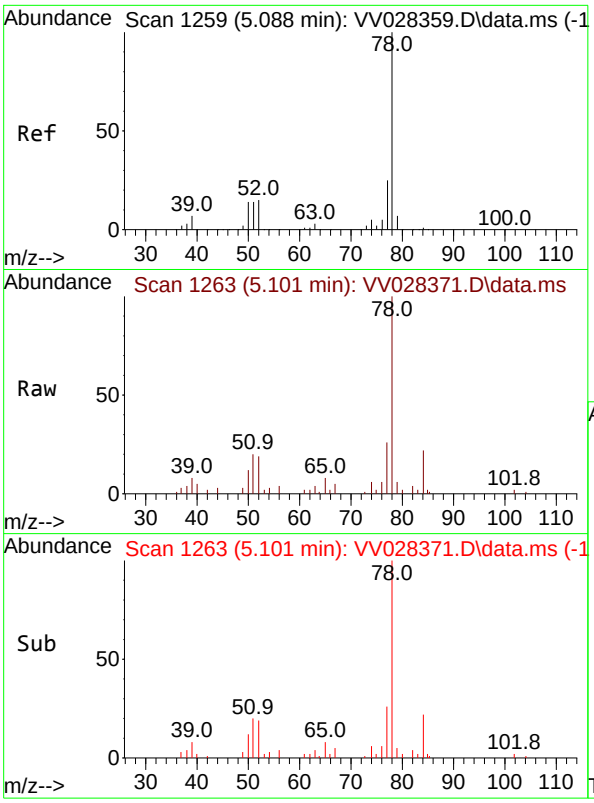


#27
1,2-Dichloroethane
Concen: 0.229 ug/L
RT: 5.146 min Scan# 1277
Delta R.T. 0.019 min
Lab File: VV028371.D
Acq: 05 Oct 2022 16:14

Tgt Ion: 62 Resp: 2022

Ion	Ratio	Lower	Upper
62	100		
98	19.2	6.7	10.1#

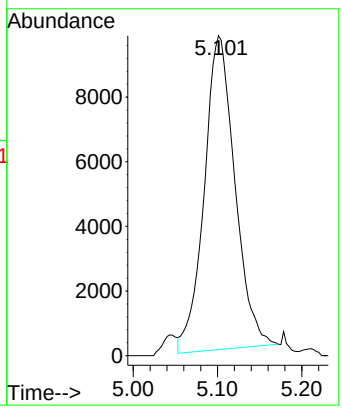


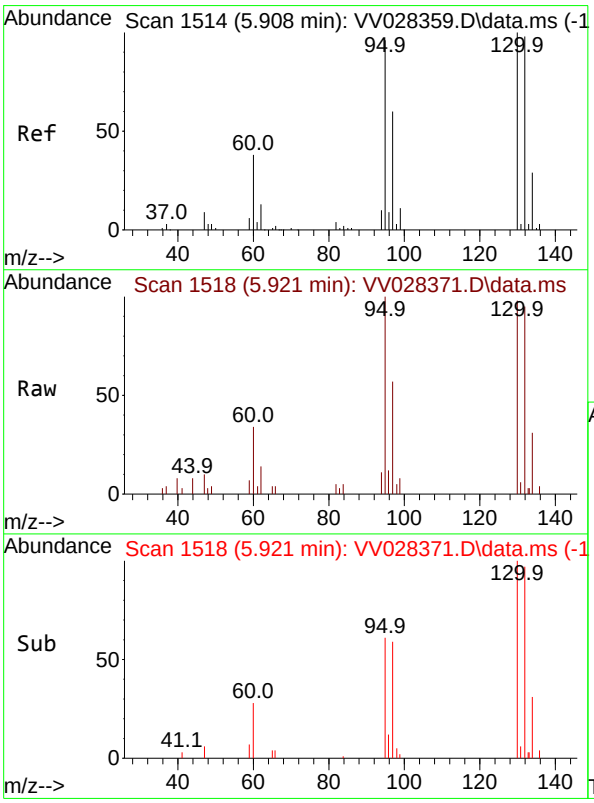


#33
Benzene
Concen: 0.679 ug/L
RT: 5.101 min Scan# 1
Delta R.T. 0.010 min
Lab File: VV028371.D
Acq: 05 Oct 2022 16:14

Instrument :
MSVOA_V
ClientSampleId :
EXFQ1

Tgt Ion: 78 Resp: 24574

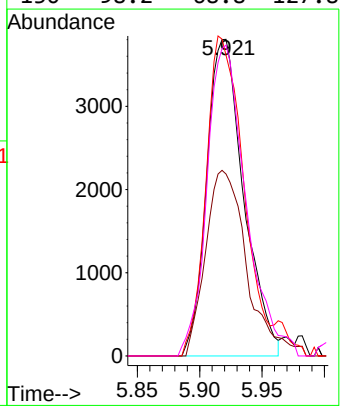


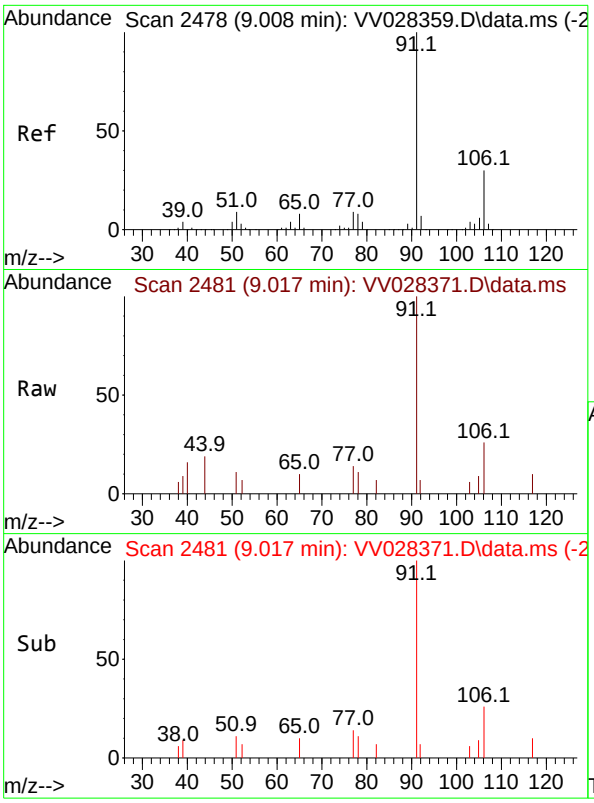


#34
Trichloroethene
Concen: 0.868 ug/L
RT: 5.921 min Scan# 1518
Delta R.T. 0.013 min
Lab File: VV028371.D
Acq: 05 Oct 2022 16:14

Tgt Ion: 95 Resp: 7868

Ion	Ratio	Lower	Upper
95	100		
97	57.5	44.2	82.0
132	95.0	67.8	126.0
130	98.2	68.8	127.8





#52
Ethylbenzene
Concen: 0.079 ug/L
RT: 9.017 min Scan# 24
Delta R.T. 0.010 min
Lab File: VV028371.D
Acq: 05 Oct 2022 16:14

Instrument :
MSVOA_V
ClientSampleId :
EXFQ1

Tgt Ion: 91 Resp: 3181

Ion	Ratio	Lower	Upper
91	100		
106	26.1	21.5	39.9