Quantitation Report (Not Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120922\
Data File : VV029571.D
Acq On : 10 Dec 2022 11:20
Operator : SY/MD
Sample : N5929-14
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 65 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
EXZB8

Quant Time: Dec 12 00:04:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM120722WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Dec 10 07:45:47 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	496672	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	460232	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	236666	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	127056	41.775	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.560%			
7) Chloroethane-d5	1.564	69	106791	46.047	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.100%			
11) 1,1-Dichloroethene-d2	2.105	63	164515	34.680	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.360%			
21) 2-Butanone-d5	3.873	46	167435	90.245	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.240%			
24) Chloroform-d	4.339	84	240870	42.085	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.180%			
26) 1,2-Dichloroethane-d4	5.024	65	144957	44.345	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 88.700%			
32) Benzene-d6	5.043	84	518234	42.615	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.220%			
36) 1,2-Dichloropropane-d6	6.063	67	159265	42.876	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 85.760%			
41) Toluene-d8	7.307	98	466089	40.677	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 81.360%			
43) trans-1,3-Dichloroprop...	7.612	79	62767	33.463	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.920%			
47) 2-Hexanone-d5	8.082	63	142235	89.669	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 89.670%			
56) 1,1,2,2-Tetrachloroeth...	10.204	84	223390	42.084	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 84.160%			
66) 1,2-Dichlorobenzene-d4	11.612	152	186713	41.444	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 82.880%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.114	96	5150	1.940	ug/L #	1
17) trans-1,2-Dichloroethene	2.757	96	4243	1.387	ug/L	99
19) 1,1-Dichloroethane	3.185	63	190028	36.262	ug/L	99
20) cis-1,2-Dichloroethene	3.905	96	95796	28.479	ug/L	95
30) 1,1,1-Trichloroethane	4.600	97	251632	50.184	ug/L	99
31) Carbon tetrachloride	4.603	117	33721	7.701	ug/L	100
34) Trichloroethene	5.915	95	6286	1.934	ug/L	96
35) Methylcyclohexane	6.063	83	38734	7.016	ug/L #	21
46) Tetrachloroethene	7.969	164	13845	5.297	ug/L	98

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

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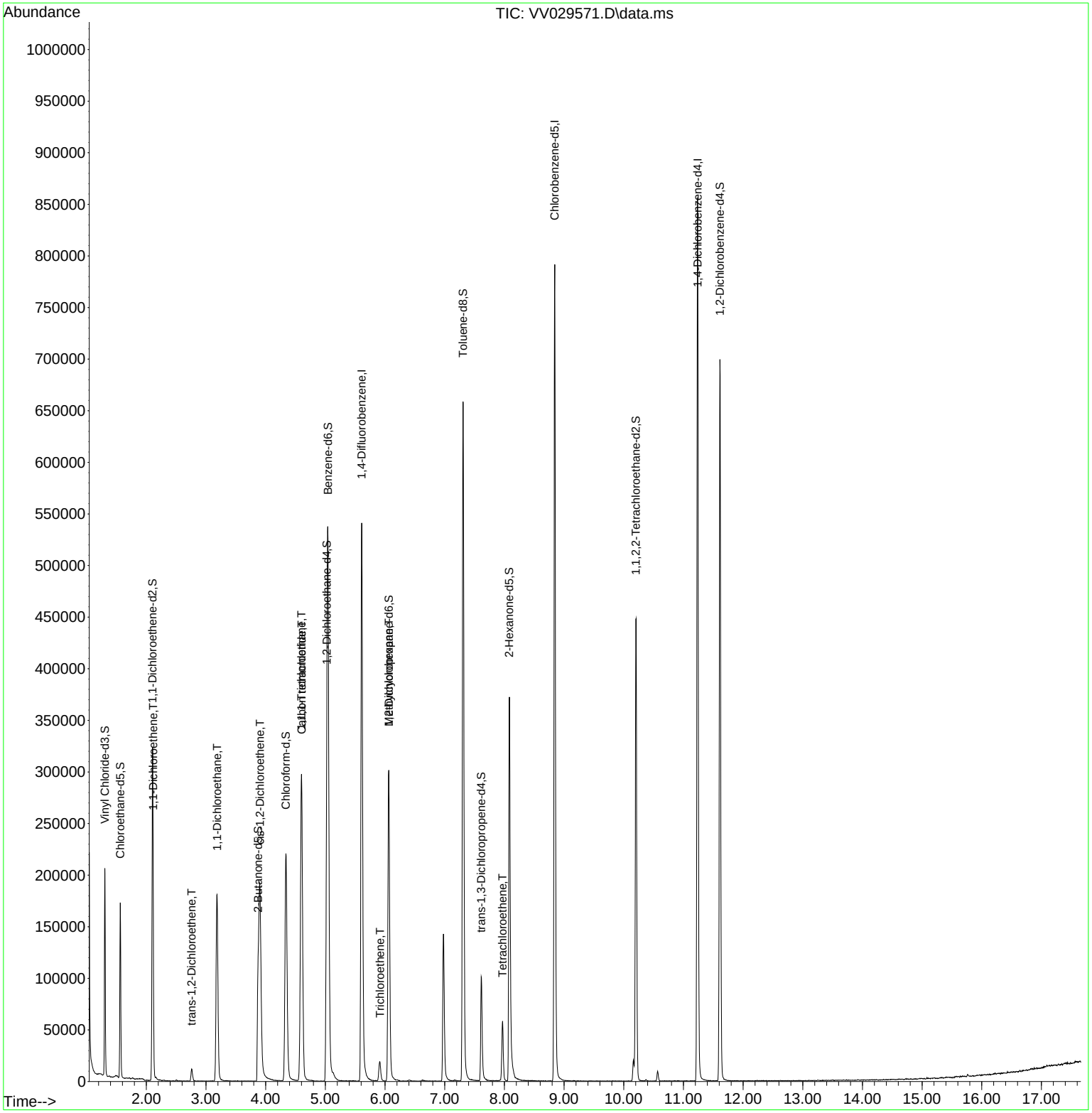
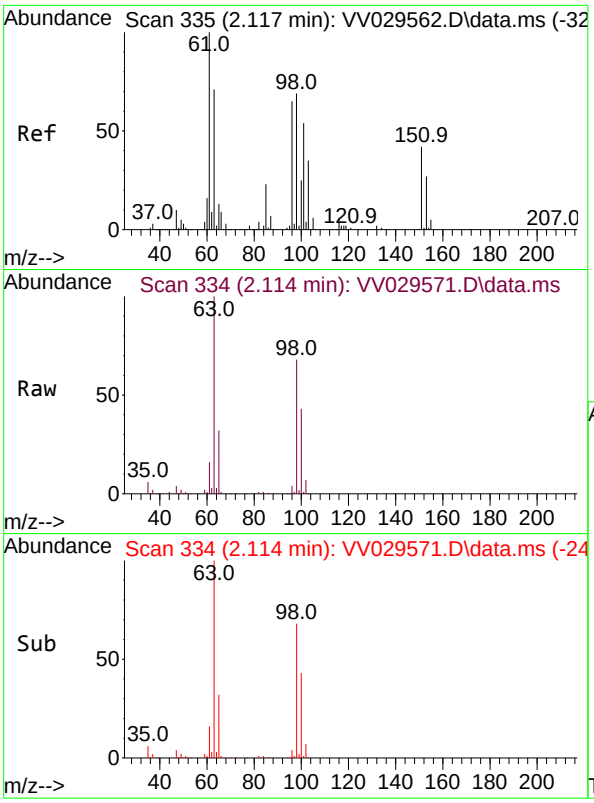


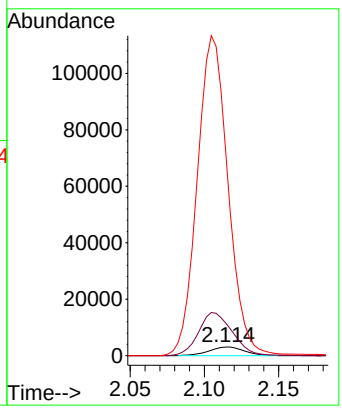


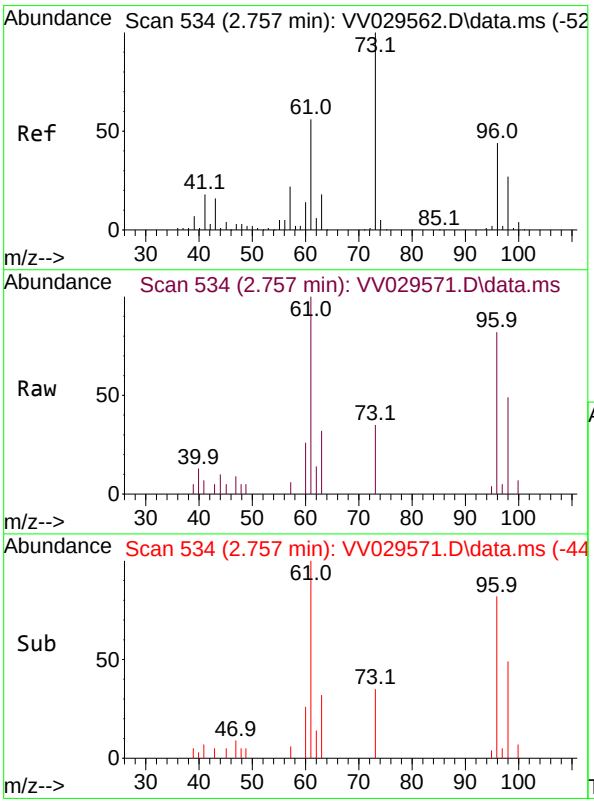
#12
1,1-Dichloroethene
Concen: 1.940 ug/L
RT: 2.114 min Scan# 3
Delta R.T. -0.003 min
Lab File: VV029571.D
Acq: 10 Dec 2022 11:20

Instrument :
MSVOA_V
ClientSampleId :
EXZB8

Tgt Ion: 96 Resp: 5150

Ion	Ratio	Lower	Upper
96	100		
61	374.3	103.3	191.9#
63	2339.2	77.3	143.7#

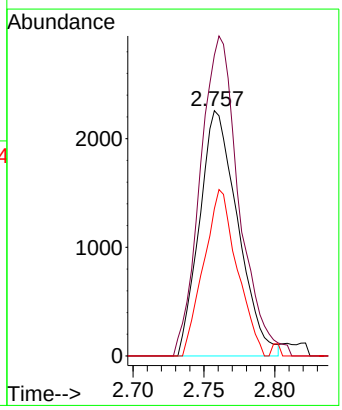


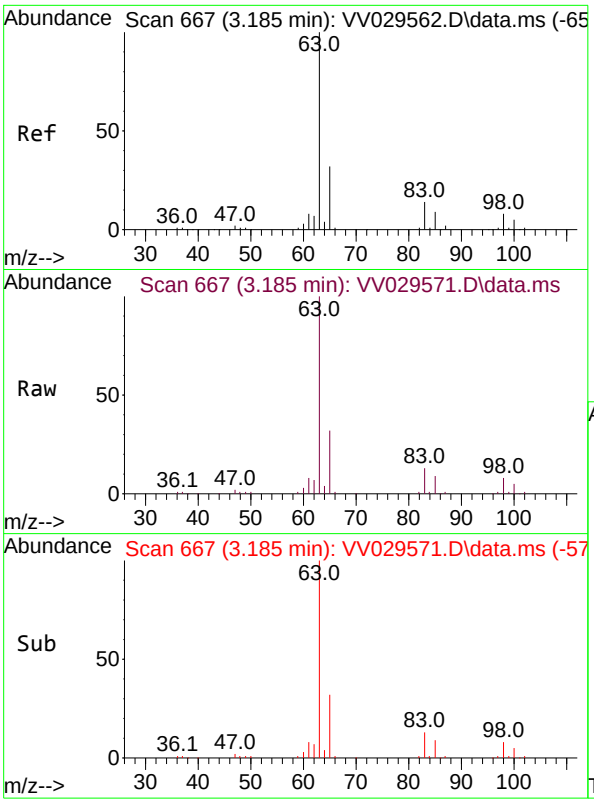


#17
trans-1,2-Dichloroethene
Concen: 1.387 ug/L
RT: 2.757 min Scan# 534
Delta R.T. 0.000 min
Lab File: VV029571.D
Acq: 10 Dec 2022 11:20

Tgt Ion: 96 Resp: 4243

Ion	Ratio	Lower	Upper
96	100		
61	122.6	86.4	160.4
98	60.0	43.4	80.6



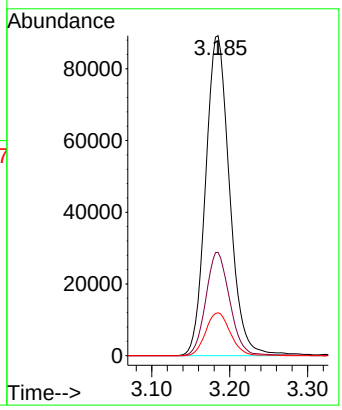


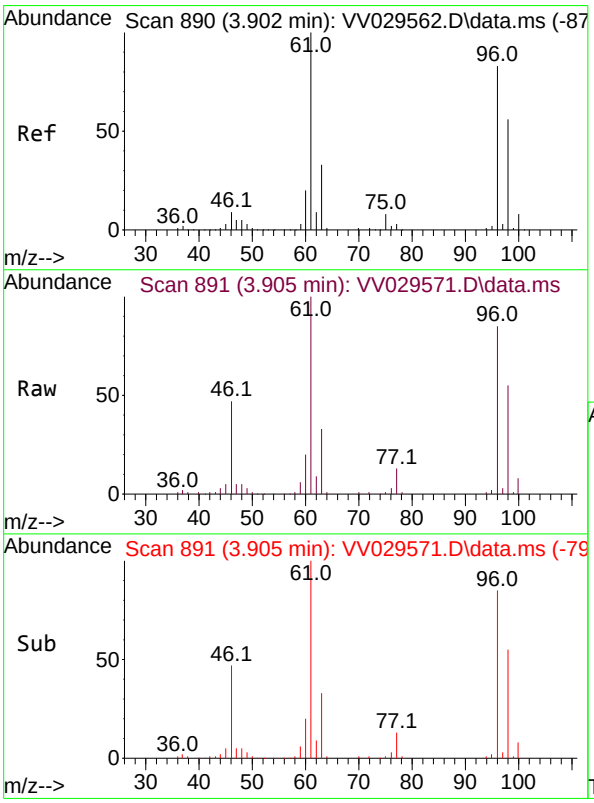
#19
1,1-Dichloroethane
Concen: 36.262 ug/L
RT: 3.185 min Scan# 6
Delta R.T. 0.000 min
Lab File: VV029571.D
Acq: 10 Dec 2022 11:20

Instrument :
MSVOA_V
ClientSampleId :
EXZB8

Tgt Ion: 63 Resp: 190028

Ion	Ratio	Lower	Upper
63	100		
65	32.3	22.5	41.7
83	13.4	10.4	19.2

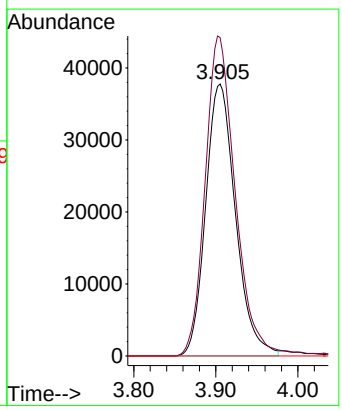


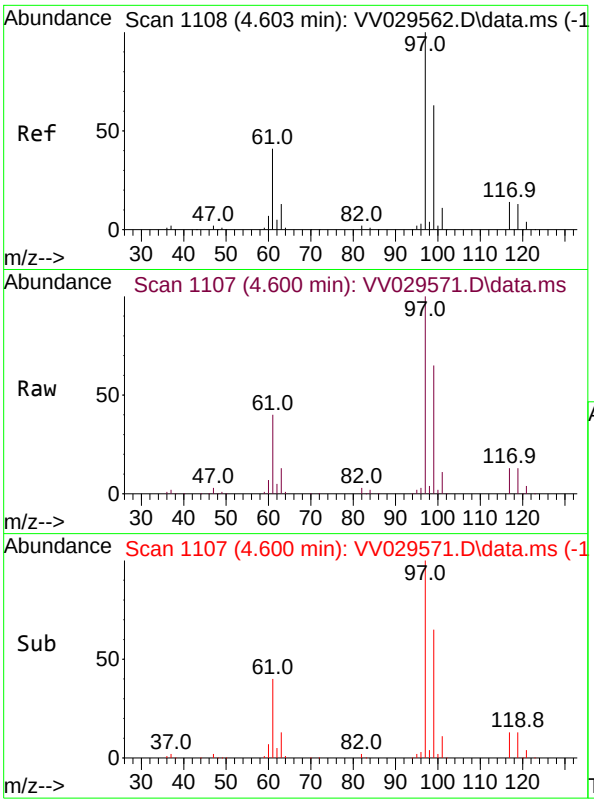


#20
cis-1,2-Dichloroethene
Concen: 28.479 ug/L
RT: 3.905 min Scan# 891
Delta R.T. 0.003 min
Lab File: VV029571.D
Acq: 10 Dec 2022 11:20

Tgt Ion: 96 Resp: 95796

Ion	Ratio	Lower	Upper
96	100		
61	117.0	78.0	144.9
68	0.0	0.0	0.0



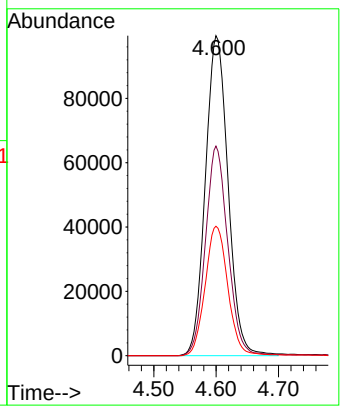


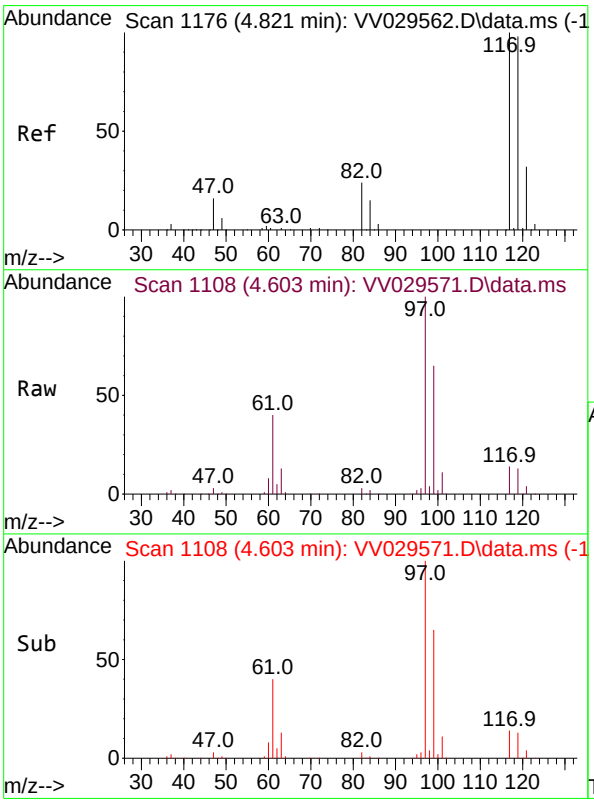
#30
1,1,1-Trichloroethane
Concen: 50.184 ug/L
RT: 4.600 min Scan# 11
Delta R.T. -0.003 min
Lab File: VV029571.D
Acq: 10 Dec 2022 11:20

Instrument :
MSVOA_V
ClientSampleId :
EXZB8

Tgt Ion: 97 Resp: 251632

Ion	Ratio	Lower	Upper
97	100		
99	64.5	52.1	78.1
61	40.5	31.8	47.8

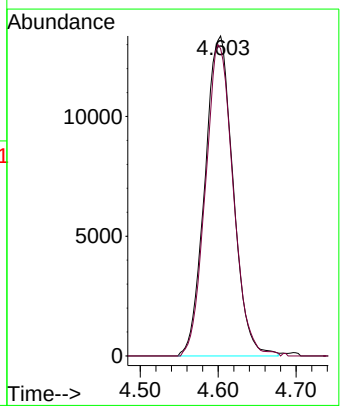


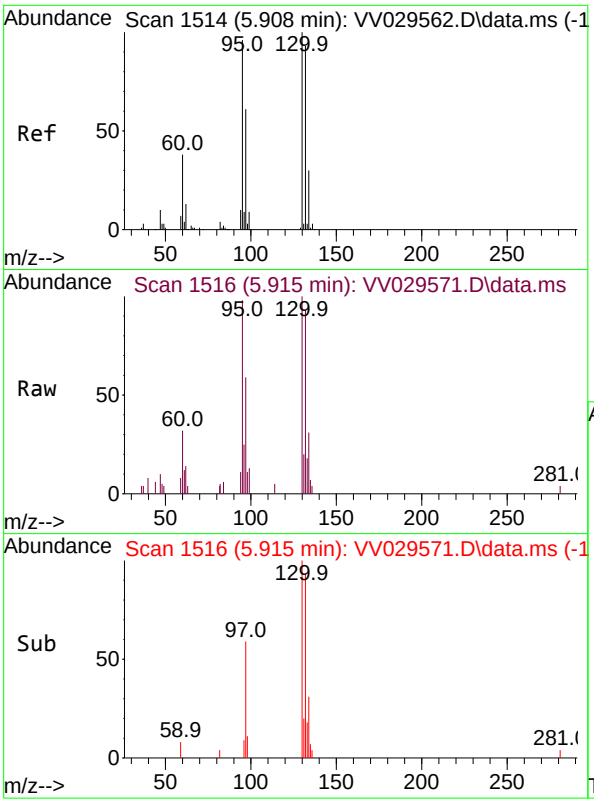


#31
Carbon tetrachloride
Concen: 7.701 ug/L
RT: 4.603 min Scan# 1108
Delta R.T. -0.219 min
Lab File: VV029571.D
Acq: 10 Dec 2022 11:20

Tgt Ion:117 Resp: 33721

Ion	Ratio	Lower	Upper
117	100		
119	95.7	76.7	115.1



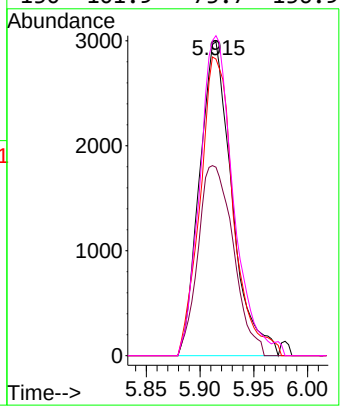


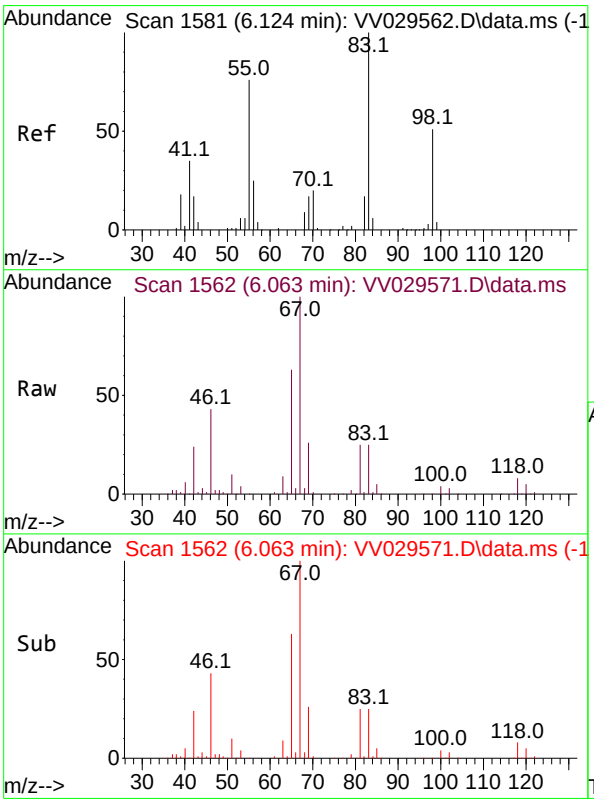
#34
Trichloroethene
Concen: 1.934 ug/L
RT: 5.915 min Scan# 1
Delta R.T. 0.007 min
Lab File: VV029571.D
Acq: 10 Dec 2022 11:20

Instrument :
MSVOA_V
ClientSampleId :
EXZB8

Tgt Ion: 95 Resp: 6286

Ion	Ratio	Lower	Upper
95	100		
97	60.0	44.0	81.8
132	94.5	69.9	129.9
130	101.9	73.7	136.9

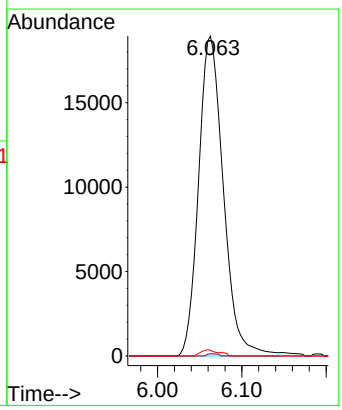


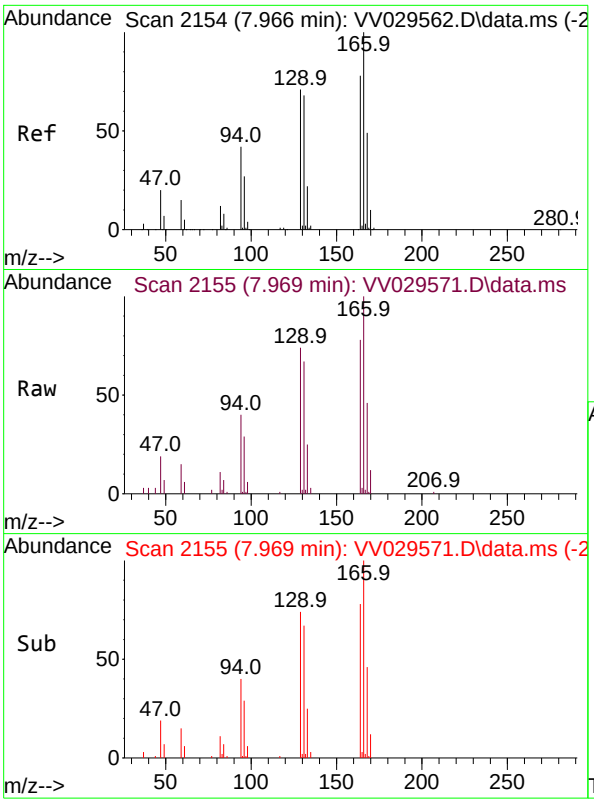


#35
Methylcyclohexane
Concen: 7.016 ug/L
RT: 6.063 min Scan# 1562
Delta R.T. -0.061 min
Lab File: VV029571.D
Acq: 10 Dec 2022 11:20

Tgt Ion: 83 Resp: 38734

Ion	Ratio	Lower	Upper
83	100		
55	0.3	55.5	83.3#
98	1.1	39.8	59.8#





#46
Tetrachloroethene
Concen: 5.297 ug/L
RT: 7.969 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV029571.D
Acq: 10 Dec 2022 11:20

Instrument :
MSVOA_V
ClientSampleId :
EXZB8

Tgt Ion:164 Resp: 13845

Ion	Ratio	Lower	Upper
164	100		
129	95.3	65.3	121.3
131	85.8	63.1	117.1
166	128.4	90.8	168.6