Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112524\
Data File : VV038350.D
Acq On : 25 Nov 2024 18:05
Operator : SY/MD
Sample : P4930-05
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG443

Quant Time: Nov 26 00:46:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Nov 26 00:39:03 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	208835	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	233050	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	93356	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	51010	3.187	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.800%			
7) Chloroethane-d5	1.529	69	57108	4.411	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 88.200%			
11) 1,1-Dichloroethene-d2	2.053	65	25754	3.739	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.800%			
20) 2-Butanone-d5	3.786	46	187430	58.533	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.060%			
24) Chloroform-d	4.243	84	153484	4.941	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.800%			
26) 1,2-Dichloroethane-d4	4.937	65	75756	5.435	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.600%			
32) Benzene-d6	4.953	84	252486	4.192	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.800%			
36) 1,2-Dichloropropane-d6	5.982	67	90465	4.881	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.600%			
41) Toluene-d8	7.239	98	187645	3.367	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 67.400%#			
43) trans-1,3-Dichloroprop...	7.558	79	26059	3.782	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.600%			
46) 2-Hexanone-d5	8.021	63	135127	50.446	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.900%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	81142	5.157	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.200%			
66) 1,2-Dichlorobenzene-d4	11.554	152	79635	5.007	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.278	62	6966	0.361	ug/L	85
12) 1,1-Dichloroethene	2.063	96	3199	0.214	ug/L #	1
16) Methylene chloride	2.445	84	6752	0.397	ug/L	91
17) Methyl tert-butyl Ether	2.700	73	6913	0.205	ug/L	94
19) 1,1-Dichloroethane	3.105	63	4664	0.164	ug/L #	88
22) cis-1,2-Dichloroethene	3.806	96	34757	2.139	ug/L	96
29) 1,1,1-Trichloroethane	4.507	97	9525	0.341	ug/L	96
34) Trichloroethene	5.825	95	133179	7.463	ug/L	99
47) Tetrachloroethene	7.902	164	14295	0.997	ug/L	95

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

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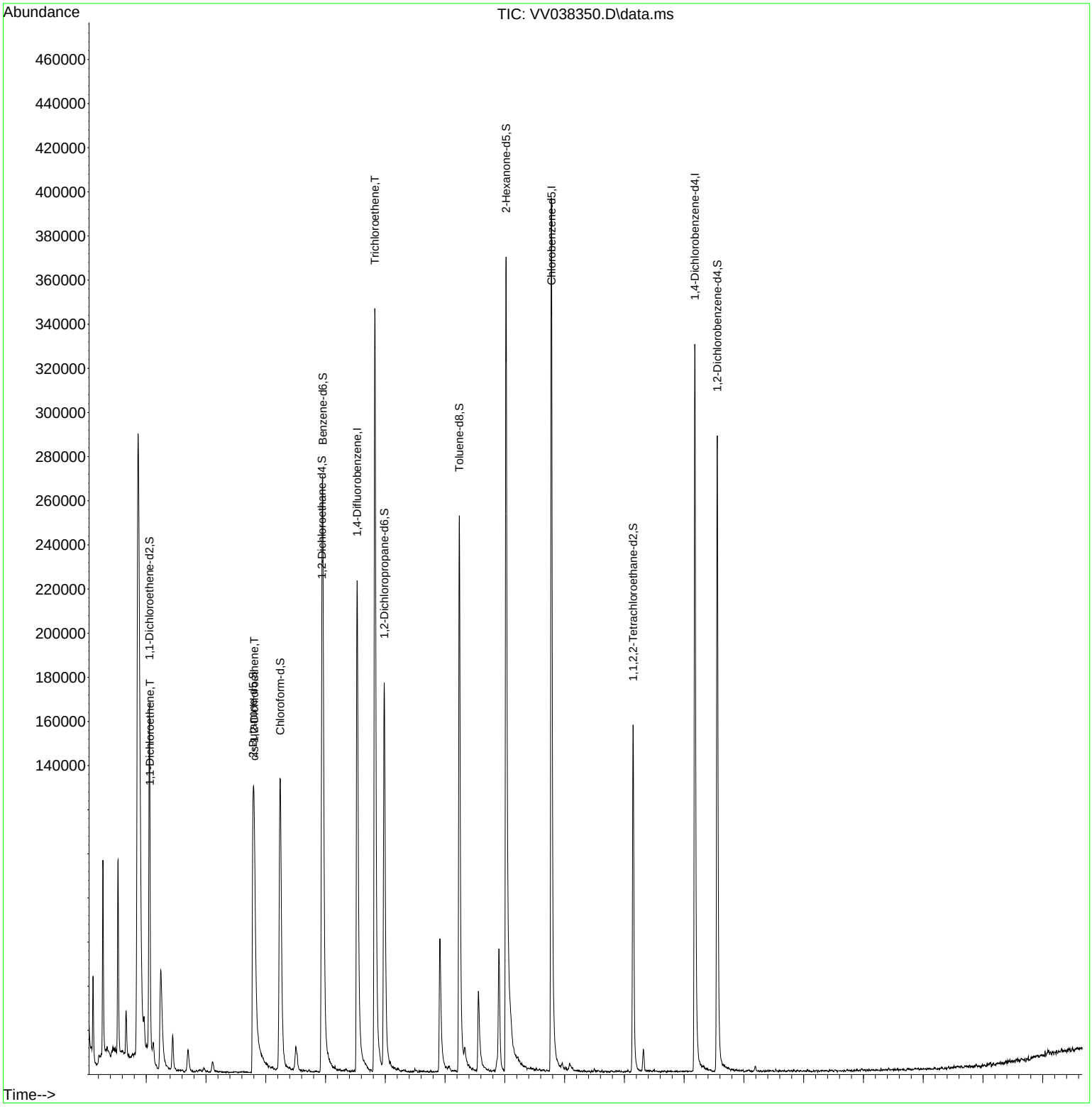
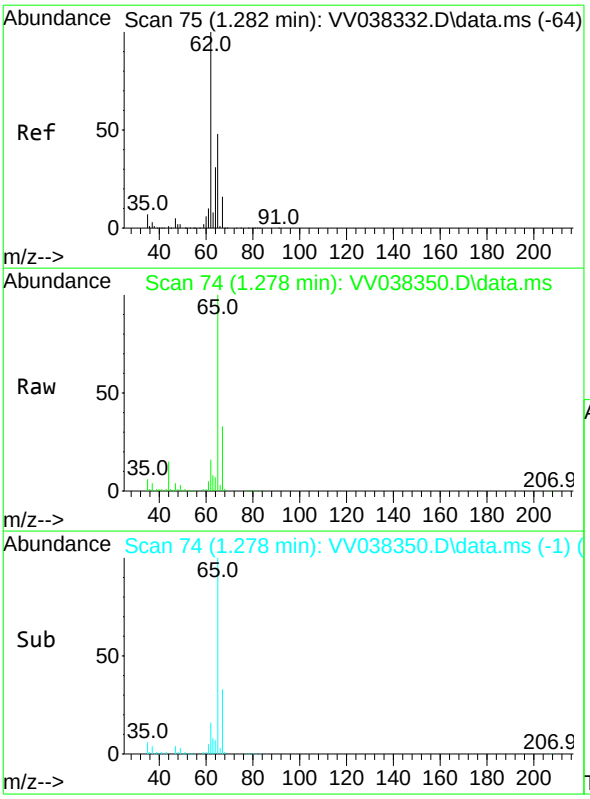


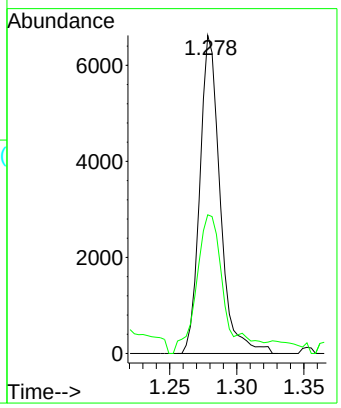


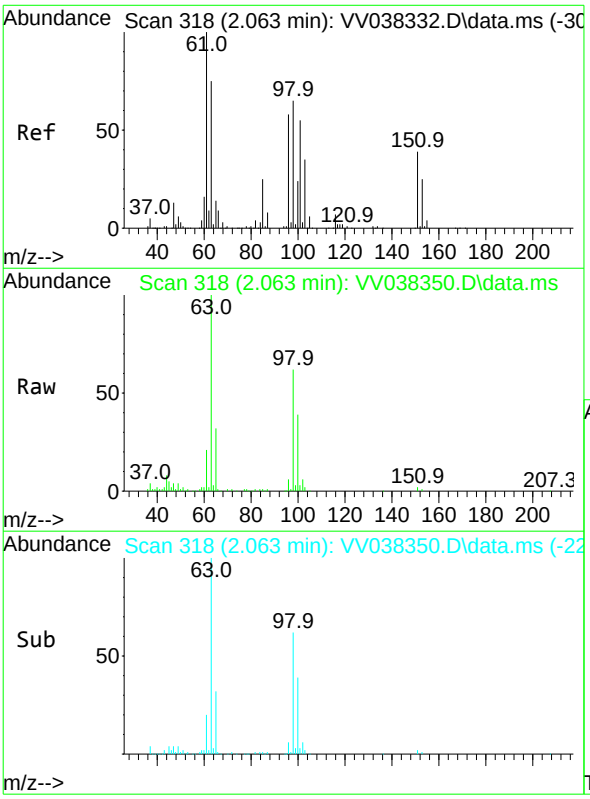
#5
Vinyl chloride
Concen: 0.361 ug/L
RT: 1.278 min Scan# 74
Delta R.T. -0.003 min
Lab File: VV038350.D
Acq: 25 Nov 2024 18:05

Instrument :
MSVOA_V
ClientSampleId :
BG443

Tgt Ion: 62 Resp: 6966

Ion	Ratio	Lower	Upper
62	100		
64	43.6	24.4	45.4

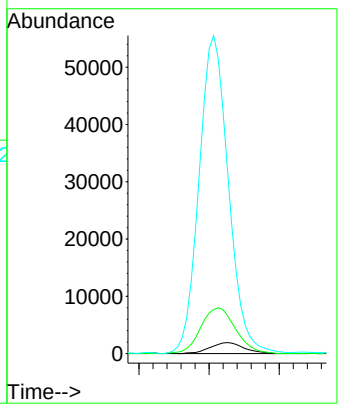


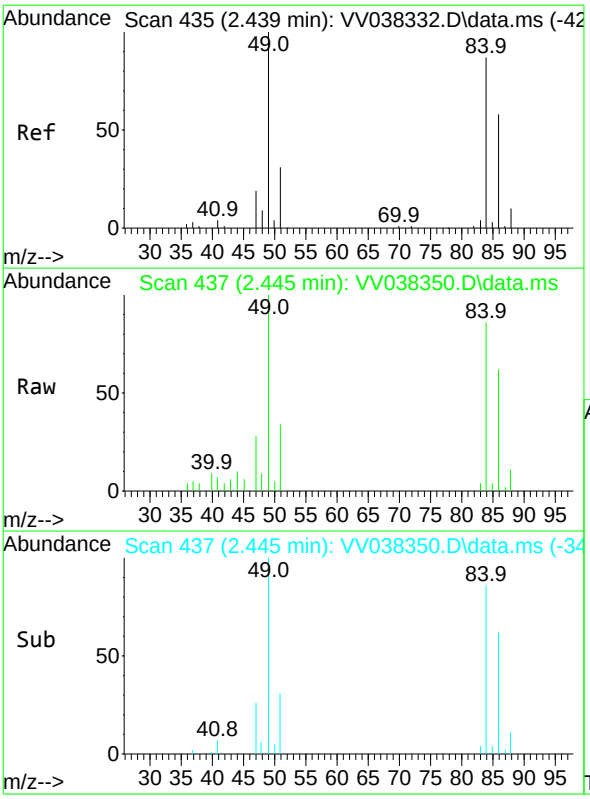


#12
1,1-Dichloroethene
Concen: 0.214 ug/L
RT: 2.063 min Scan# 318
Delta R.T. 0.000 min
Lab File: VV038350.D
Acq: 25 Nov 2024 18:05

Tgt Ion: 96 Resp: 3199

Ion	Ratio	Lower	Upper
96	100		
61	351.7	115.7	214.9#
63	1709.3	101.1	187.7#



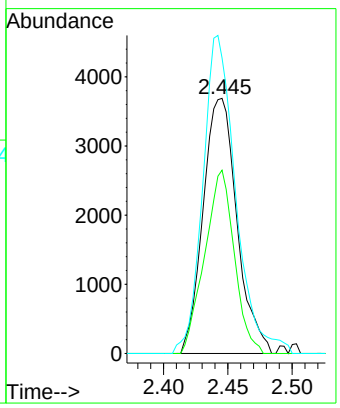


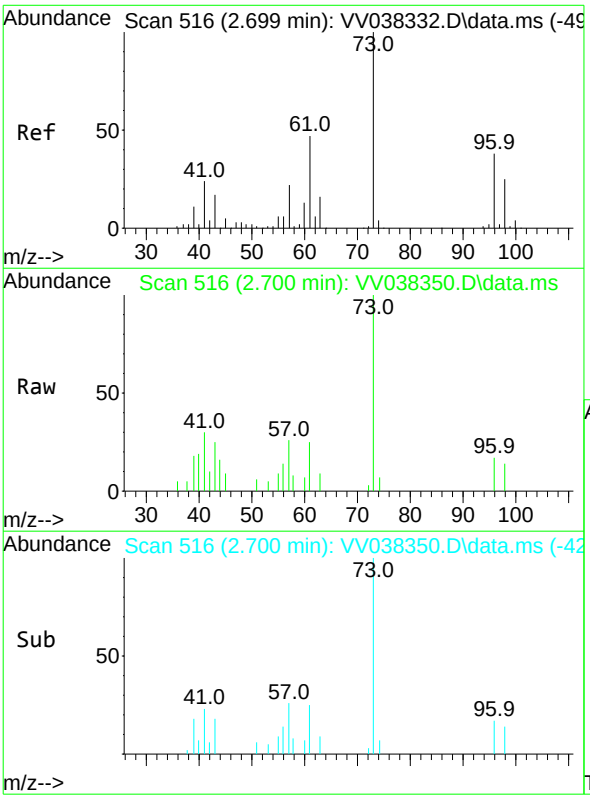
#16
Methylene chloride
Concen: 0.397 ug/L
RT: 2.445 min Scan# 43
Delta R.T. 0.006 min
Lab File: VV038350.D
Acq: 25 Nov 2024 18:05

Instrument :
MSVOA_V
ClientSampleId :
BG443

Tgt Ion: 84 Resp: 6752

Ion	Ratio	Lower	Upper
84	100		
86	71.9	44.2	82.2
49	115.8	74.9	139.1

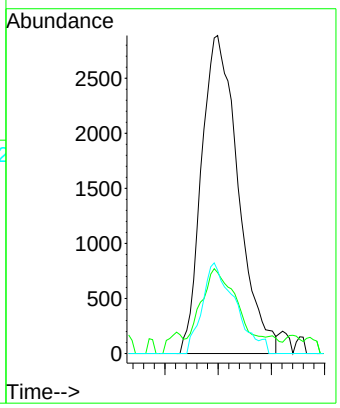


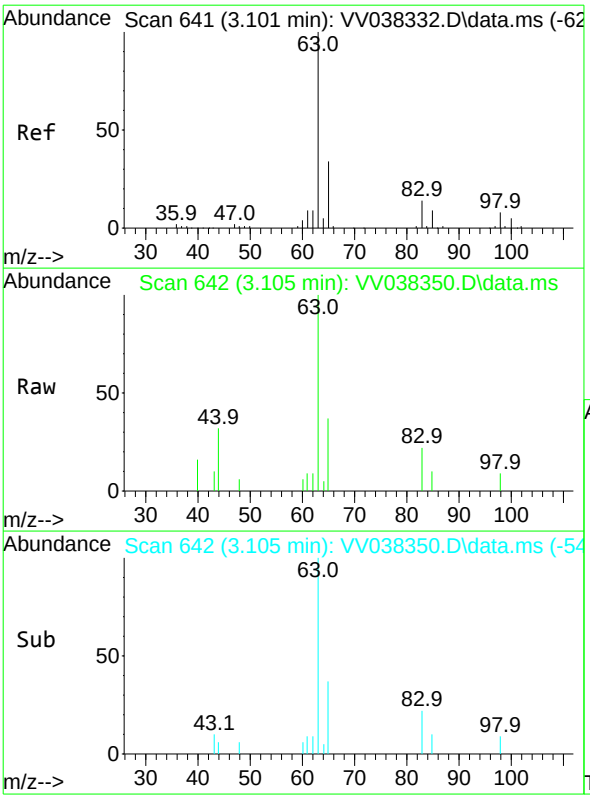


#17
Methyl tert-butyl Ether
Concen: 0.205 ug/L
RT: 2.700 min Scan# 516
Delta R.T. 0.000 min
Lab File: VV038350.D
Acq: 25 Nov 2024 18:05

Tgt Ion: 73 Resp: 6913

Ion	Ratio	Lower	Upper
73	100		
43	19.0	14.2	21.2
57	25.8	17.6	26.4



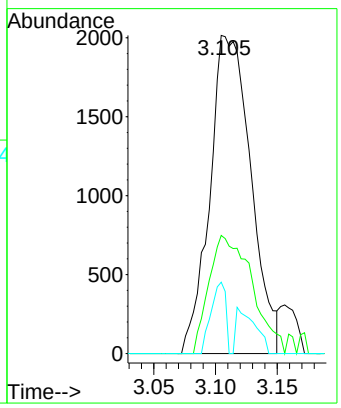


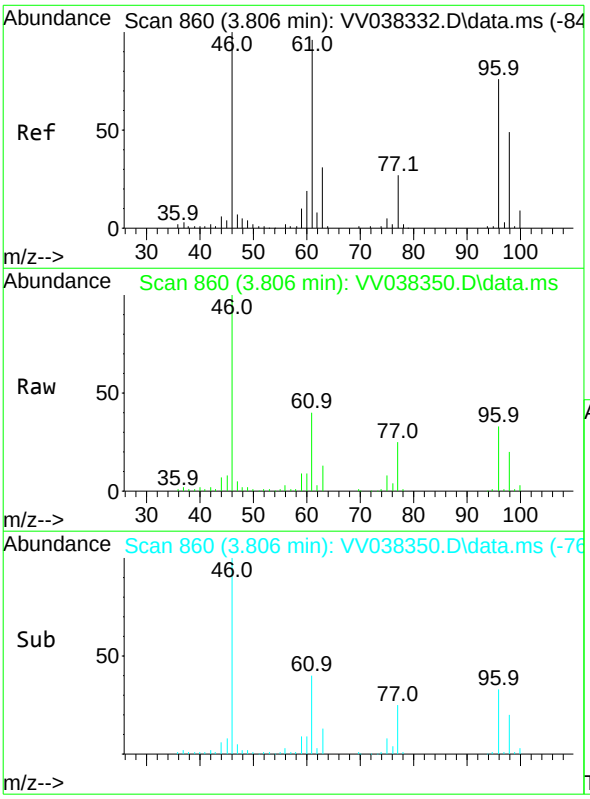
#19
1,1-Dichloroethane
Concen: 0.164 ug/L
RT: 3.105 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV038350.D
Acq: 25 Nov 2024 18:05

Instrument :
MSVOA_V
ClientSampleId :
BG443

Tgt Ion: 63 Resp: 4664

Ion	Ratio	Lower	Upper
63	100		
65	37.1	22.5	41.7
83	22.4	10.1	18.9#

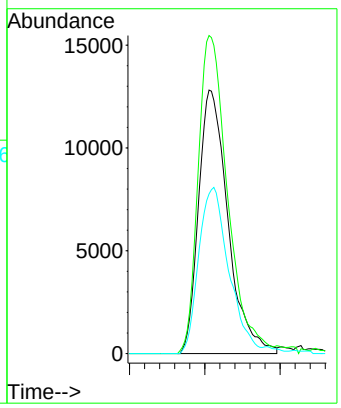


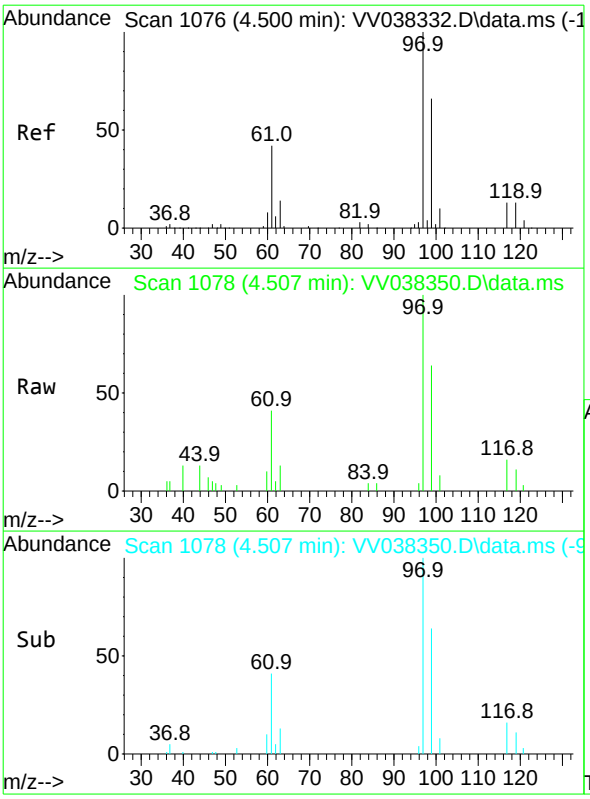


#22
cis-1,2-Dichloroethene
Concen: 2.139 ug/L
RT: 3.806 min Scan# 860
Delta R.T. 0.000 min
Lab File: VV038350.D
Acq: 25 Nov 2024 18:05

Tgt Ion: 96 Resp: 34757

Ion	Ratio	Lower	Upper
96	100		
61	120.7	82.7	153.5
98	60.6	46.3	85.9



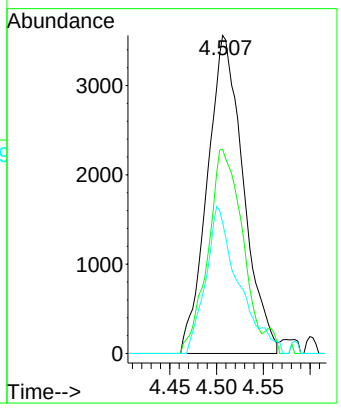


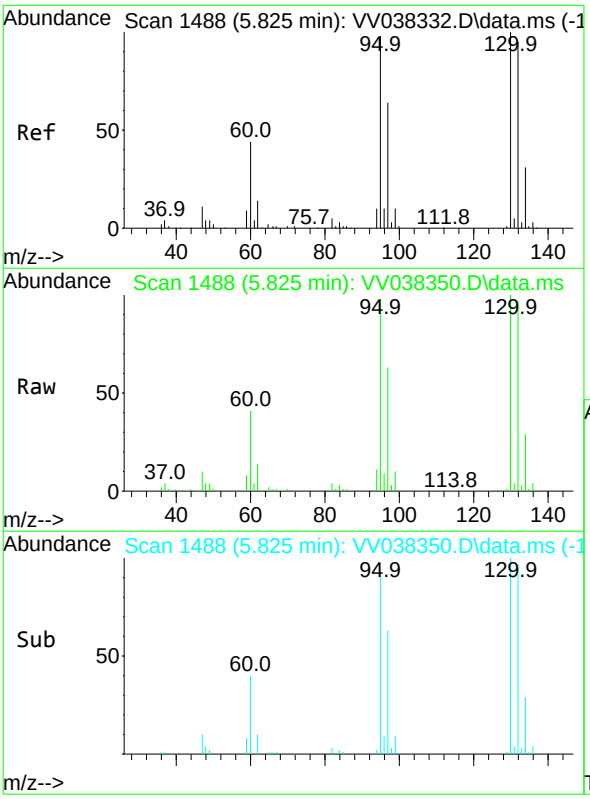
#29
1,1,1-Trichloroethane
Concen: 0.341 ug/L
RT: 4.507 min Scan# 10
Delta R.T. 0.006 min
Lab File: VV038350.D
Acq: 25 Nov 2024 18:05

Instrument :
MSVOA_V
ClientSampleId :
BG443

Tgt Ion: 97 Resp: 9525

Ion	Ratio	Lower	Upper
97	100		
99	60.5	51.8	77.8
61	42.0	32.2	48.2

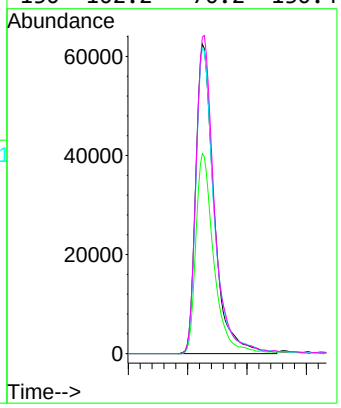


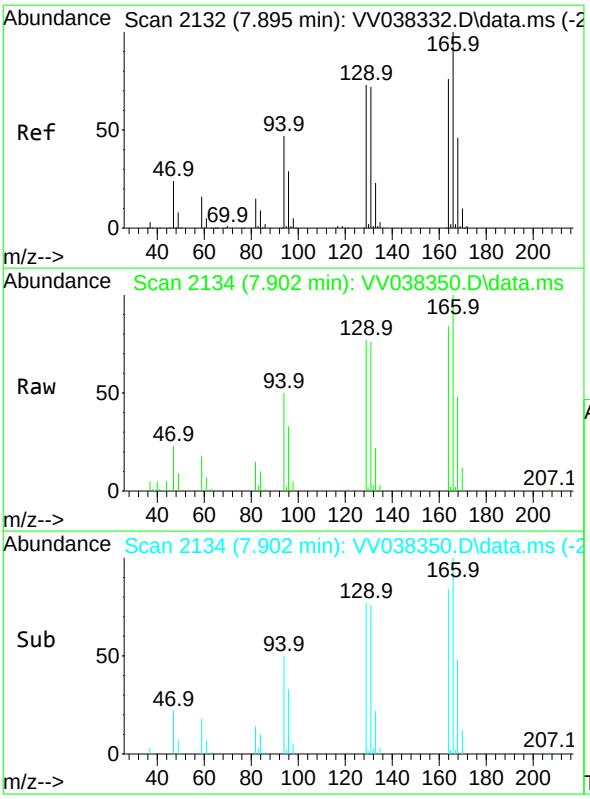


#34
Trichloroethene
Concen: 7.463 ug/L
RT: 5.825 min Scan# 1488
Delta R.T. 0.000 min
Lab File: VV038350.D
Acq: 25 Nov 2024 18:05

Tgt Ion: 95 Resp: 133179

Ion	Ratio	Lower	Upper
95	100		
97	64.6	44.8	83.2
132	98.7	68.3	126.8
130	102.2	70.2	130.4





#47
Tetrachloroethene
Concen: 0.997 ug/L
RT: 7.902 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV038350.D
Acq: 25 Nov 2024 18:05

Instrument :
MSVOA_V
ClientSampleId :
BG443

Tgt Ion:164 Resp: 14295

Ion	Ratio	Lower	Upper
164	100		
129	92.4	68.5	127.1
131	91.1	64.8	120.4
166	119.3	88.3	163.9