Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112524\
Data File : VV038348.D
Acq On : 25 Nov 2024 16:52
Operator : SY/MD
Sample : P4930-07DL 5X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BG445DL

Quant Time: Nov 26 00:46:02 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	208007	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.779	117	220275	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	89042	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	49327	3.094	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 61.800%			
7) Chloroethane-d5	1.523	69	61362	4.758	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 95.200%			
11) 1,1-Dichloroethene-d2	2.050	65	22768	3.318	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 66.400%			
20) 2-Butanone-d5	3.789	46	180650	56.641	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 113.280%			
24) Chloroform-d	4.243	84	144447	4.668	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.400%			
26) 1,2-Dichloroethane-d4	4.937	65	71528	5.152	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 103.000%			
32) Benzene-d6	4.953	84	232342	4.081	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.600%			
36) 1,2-Dichloropropane-d6	5.985	67	82860	4.730	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 94.600%			
41) Toluene-d8	7.239	98	172435	3.273	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 65.400%#			
43) trans-1,3-Dichloroprop...	7.561	79	25541	3.921	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.400%			
46) 2-Hexanone-d5	8.021	63	129159	51.015	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 102.020%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	75335	5.066	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 101.400%			
66) 1,2-Dichlorobenzene-d4	11.554	152	72250	4.762	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.200%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.108	85	3856	0.196	ug/L	98
12) 1,1-Dichloroethene	2.063	96	146814	9.882	ug/L #	75
16) Methylene chloride	2.445	84	2627	0.155	ug/L	99
17) Methyl tert-butyl Ether	2.703	73	7197	0.214	ug/L	98
19) 1,1-Dichloroethane	3.104	63	77279	2.720	ug/L	98
22) cis-1,2-Dichloroethene	3.809	96	46238	2.857	ug/L	97
29) 1,1,1-Trichloroethane	4.506	97	55635	2.106	ug/L	97
34) Trichloroethene	5.828	95	58317	3.457	ug/L	98
47) Tetrachloroethene	7.902	164	10073	0.743	ug/L	96

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

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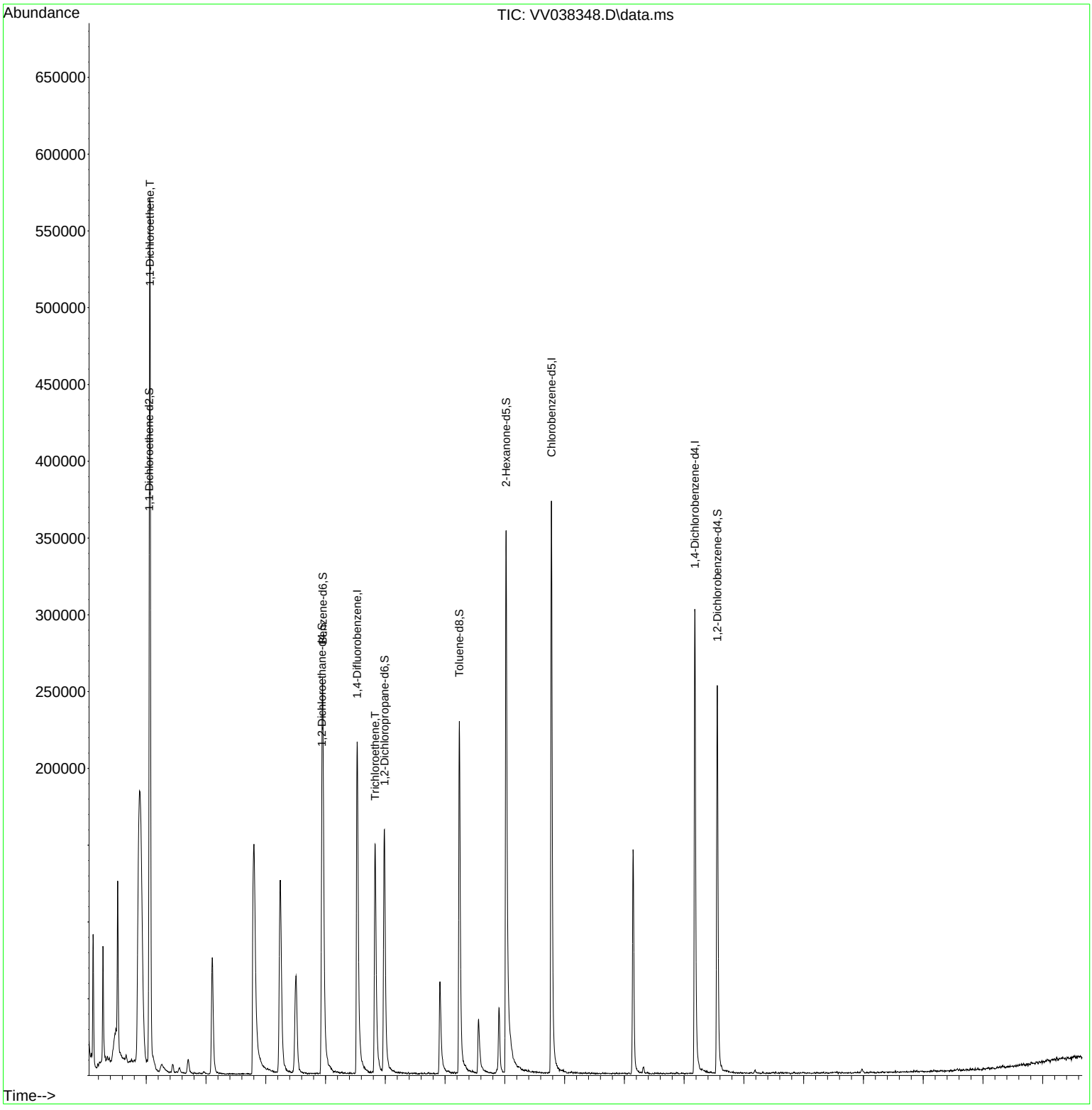
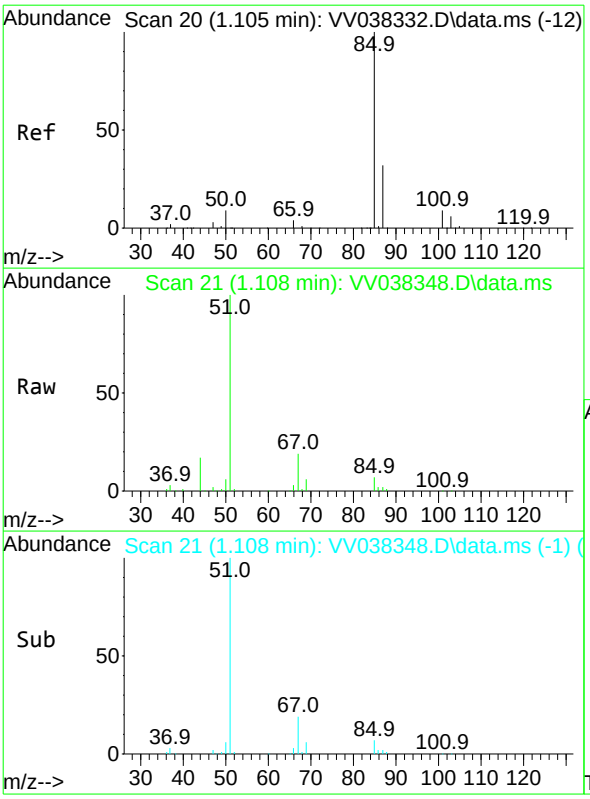


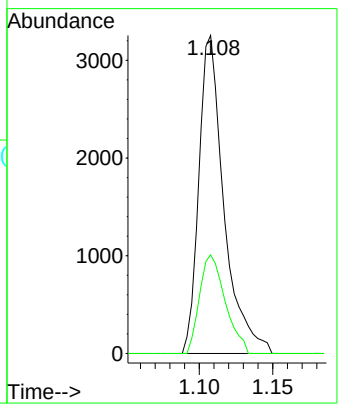


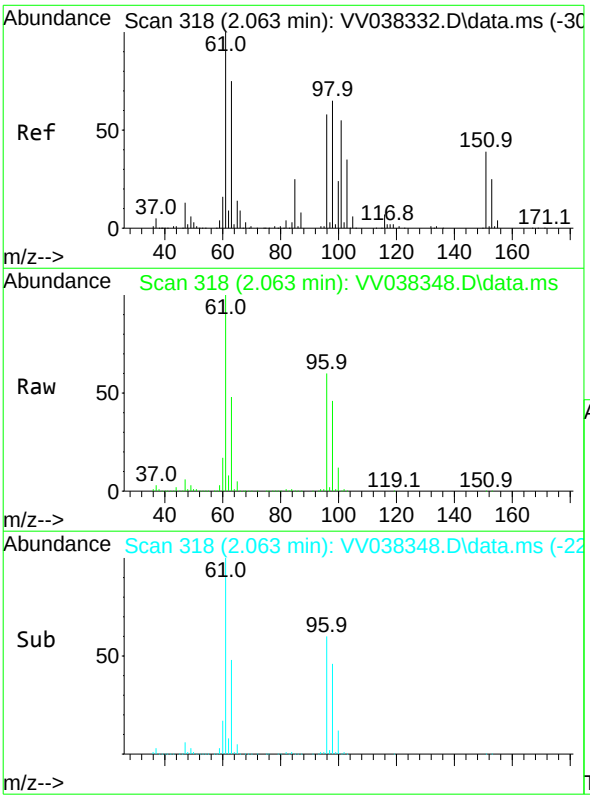
#2
Dichlorodifluoromethane
Concen: 0.196 ug/L
RT: 1.108 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV038348.D
Acq: 25 Nov 2024 16:52

Instrument :
MSVOA_V
ClientSampleId :
BG445DL

Tgt Ion: 85 Resp: 3856

Ion	Ratio	Lower	Upper
85	100		
87	31.8	26.5	39.7

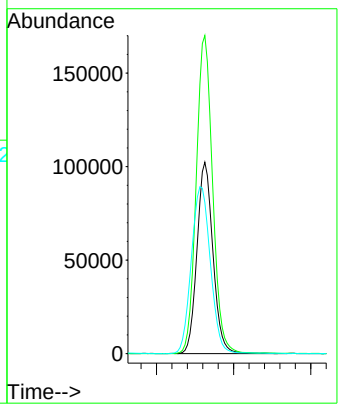


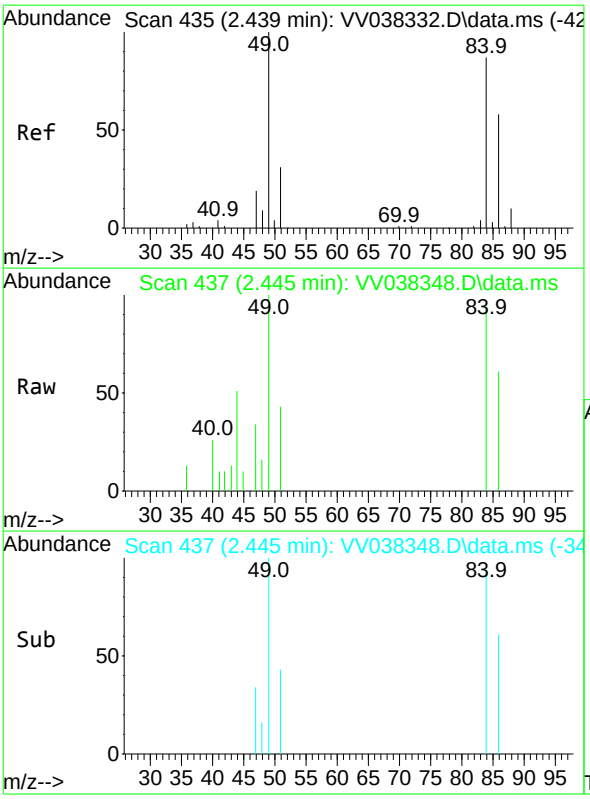


#12
1,1-Dichloroethene
Concen: 9.882 ug/L
RT: 2.063 min Scan# 318
Delta R.T. -0.000 min
Lab File: VV038348.D
Acq: 25 Nov 2024 16:52

Tgt Ion: 96 Resp: 146814

Ion	Ratio	Lower	Upper
96	100		
61	166.2	115.7	214.9
63	79.0	101.1	187.7#



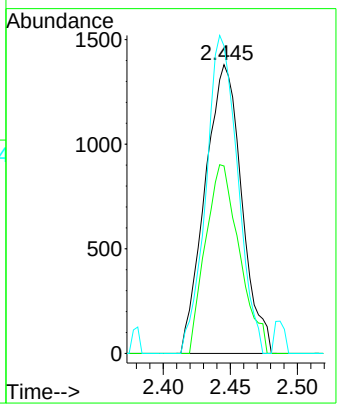


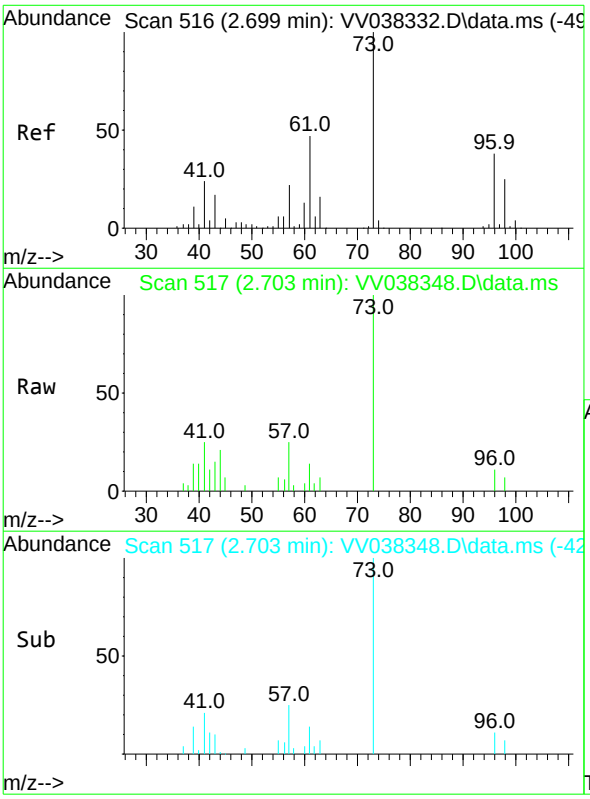
#16
Methylene chloride
Concen: 0.155 ug/L
RT: 2.445 min Scan# 43
Delta R.T. 0.006 min
Lab File: VV038348.D
Acq: 25 Nov 2024 16:52

Instrument :
MSVOA_V
ClientSampleId :
BG445DL

Tgt Ion: 84 Resp: 2627

Ion	Ratio	Lower	Upper
84	100		
86	64.9	44.2	82.2
49	106.5	74.9	139.1

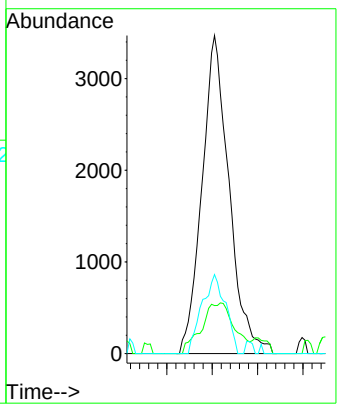


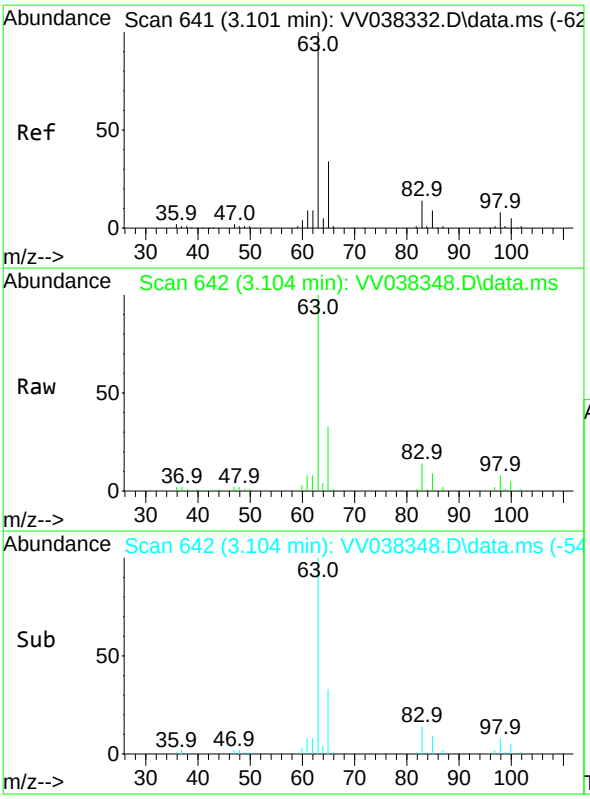


#17
Methyl tert-butyl Ether
Concen: 0.214 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.003 min
Lab File: VV038348.D
Acq: 25 Nov 2024 16:52

Tgt Ion: 73 Resp: 7197

Ion	Ratio	Lower	Upper
73	100		
43	19.4	14.2	21.2
57	21.6	17.6	26.4



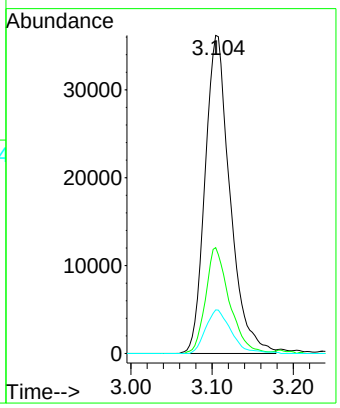


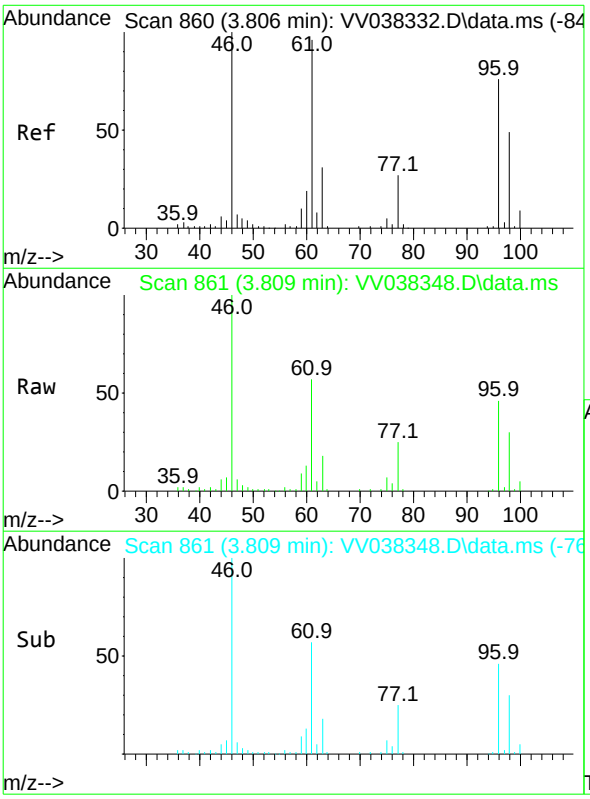
#19
1,1-Dichloroethane
Concen: 2.720 ug/L
RT: 3.104 min Scan# 64
Delta R.T. 0.003 min
Lab File: VV038348.D
Acq: 25 Nov 2024 16:52

Instrument :
MSVOA_V
ClientSampleId :
BG445DL

Tgt Ion: 63 Resp: 77279

Ion	Ratio	Lower	Upper
63	100		
65	33.3	22.5	41.7
83	13.7	10.1	18.9

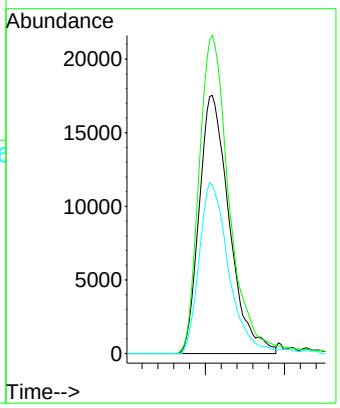


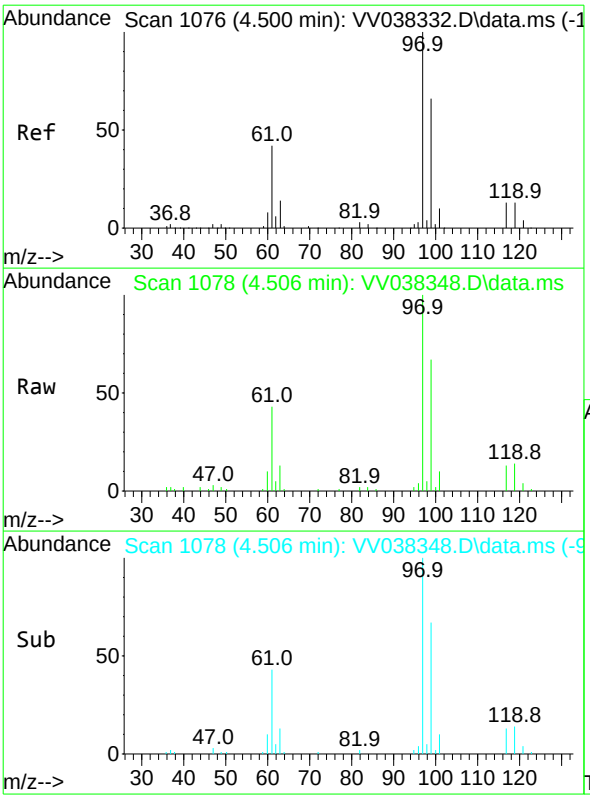


#22
cis-1,2-Dichloroethene
Concen: 2.857 ug/L
RT: 3.809 min Scan# 861
Delta R.T. 0.003 min
Lab File: VV038348.D
Acq: 25 Nov 2024 16:52

Tgt Ion: 96 Resp: 46238

Ion	Ratio	Lower	Upper
96	100		
61	123.2	82.7	153.5
98	65.3	46.3	85.9



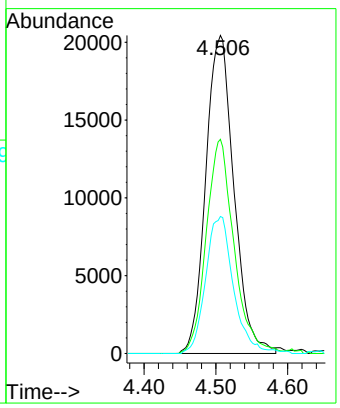


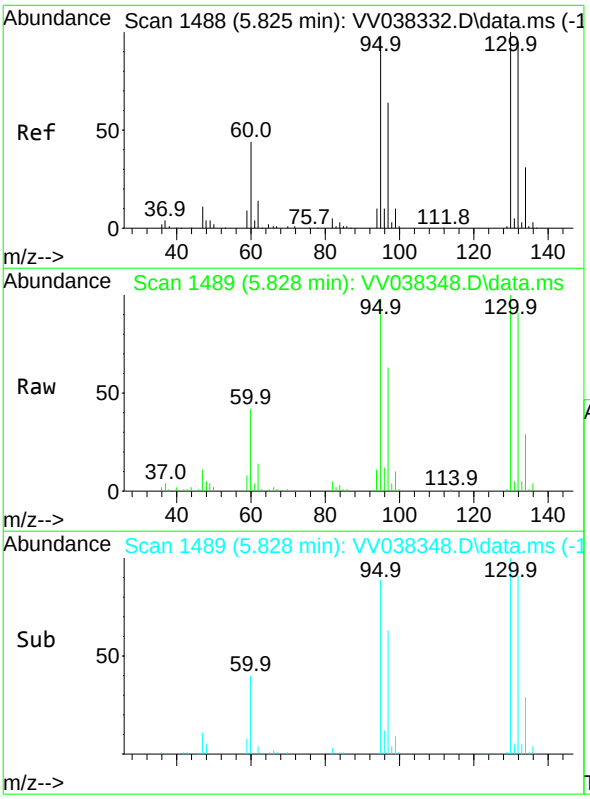
#29
1,1,1-Trichloroethane
Concen: 2.106 ug/L
RT: 4.506 min Scan# 10
Delta R.T. 0.006 min
Lab File: VV038348.D
Acq: 25 Nov 2024 16:52

Instrument :
MSVOA_V
ClientSampleId :
BG445DL

Tgt Ion: 97 Resp: 55635

Ion	Ratio	Lower	Upper
97	100		
99	66.4	51.8	77.8
61	42.6	32.2	48.2

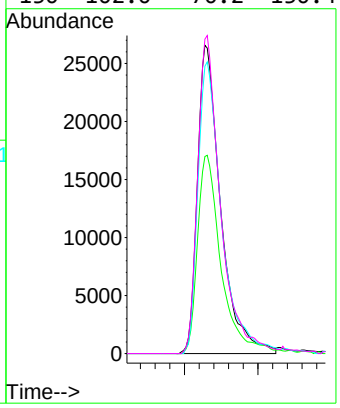


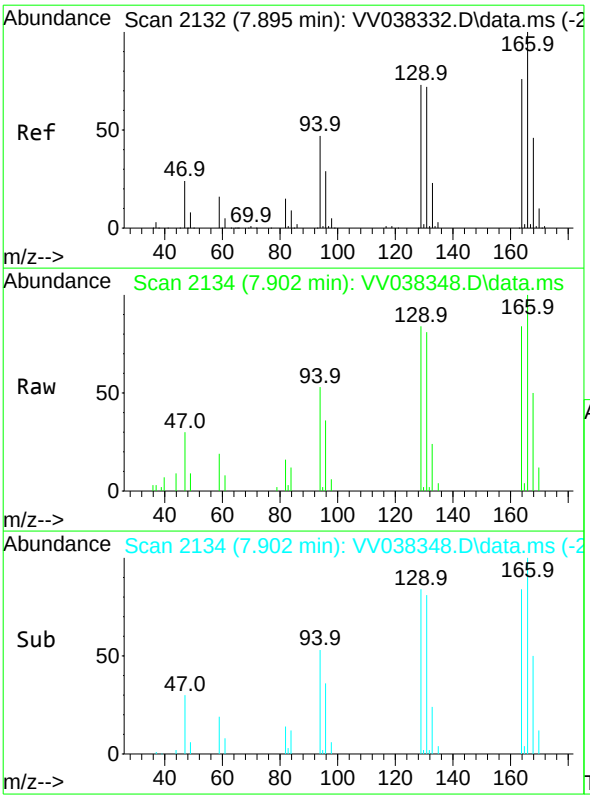


#34
Trichloroethene
Concen: 3.457 ug/L
RT: 5.828 min Scan# 1489
Delta R.T. 0.003 min
Lab File: VV038348.D
Acq: 25 Nov 2024 16:52

Tgt Ion: 95 Resp: 58317

Ion	Ratio	Lower	Upper
95	100		
97	63.9	44.8	83.2
132	93.2	68.3	126.8
130	102.0	70.2	130.4





#47
Tetrachloroethene
Concen: 0.743 ug/L
RT: 7.902 min Scan# 21
Delta R.T. 0.006 min
Lab File: VV038348.D
Acq: 25 Nov 2024 16:52

Instrument :
MSVOA_V
ClientSampleId :
BG445DL

Tgt Ion:164 Resp: 10073

Ion	Ratio	Lower	Upper
164	100		
129	99.8	68.5	127.1
131	96.8	64.8	120.4
166	119.4	88.3	163.9