Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV112324\
Data File : VV038315.D
Acq On : 23 Nov 2024 22:02
Operator : SY/MD
Sample : P4884-11
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3N5

Quant Time: Nov 23 23:03:05 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR111924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 23 02:01:29 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	224498	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.780	117	259607	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.178	152	109414	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	58346	3.391	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 67.800%			
7) Chloroethane-d5	1.529	69	61986	4.453	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 89.000%			
11) 1,1-Dichloroethene-d2	2.053	65	27054	3.654	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.000%			
20) 2-Butanone-d5	3.789	46	177727	51.631	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.260%			
24) Chloroform-d	4.240	84	156096	4.674	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.400%			
26) 1,2-Dichloroethane-d4	4.937	65	80395	5.365	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 107.400%			
32) Benzene-d6	4.950	84	261486	3.897	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.000%			
36) 1,2-Dichloropropane-d6	5.982	67	92064	4.459	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 89.200%			
41) Toluene-d8	7.239	98	198173	3.192	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 63.800%#			
43) trans-1,3-Dichloroprop...	7.558	79	30323	3.950	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.000%			
46) 2-Hexanone-d5	8.021	63	151277	50.698	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.400%			
56) 1,1,2,2-Tetrachloroeth...	10.146	84	82615	4.714	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 94.200%			
66) 1,2-Dichlorobenzene-d4	11.554	152	91873	4.928	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 98.600%			
Target Compounds						Qvalue
16) Methylene chloride	2.442	84	22681	1.240	ug/L	86
17) Methyl tert-butyl Ether	2.703	73	9721	0.268	ug/L #	85
22) cis-1,2-Dichloroethene	3.809	96	20093	1.150	ug/L	99
29) 1,1,1-Trichloroethane	4.503	97	26316	0.845	ug/L	96
34) Trichloroethene	5.825	95	189874	9.552	ug/L	99
42) Toluene	7.326	91	17805	0.231	ug/L	94
47) Tetrachloroethene	7.895	164	207388	12.983	ug/L	100
51) Chlorobenzene	8.815	112	17322	0.326	ug/L	96
53) m,p-Xylene	9.085	106	2817	0.091	ug/L	96

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

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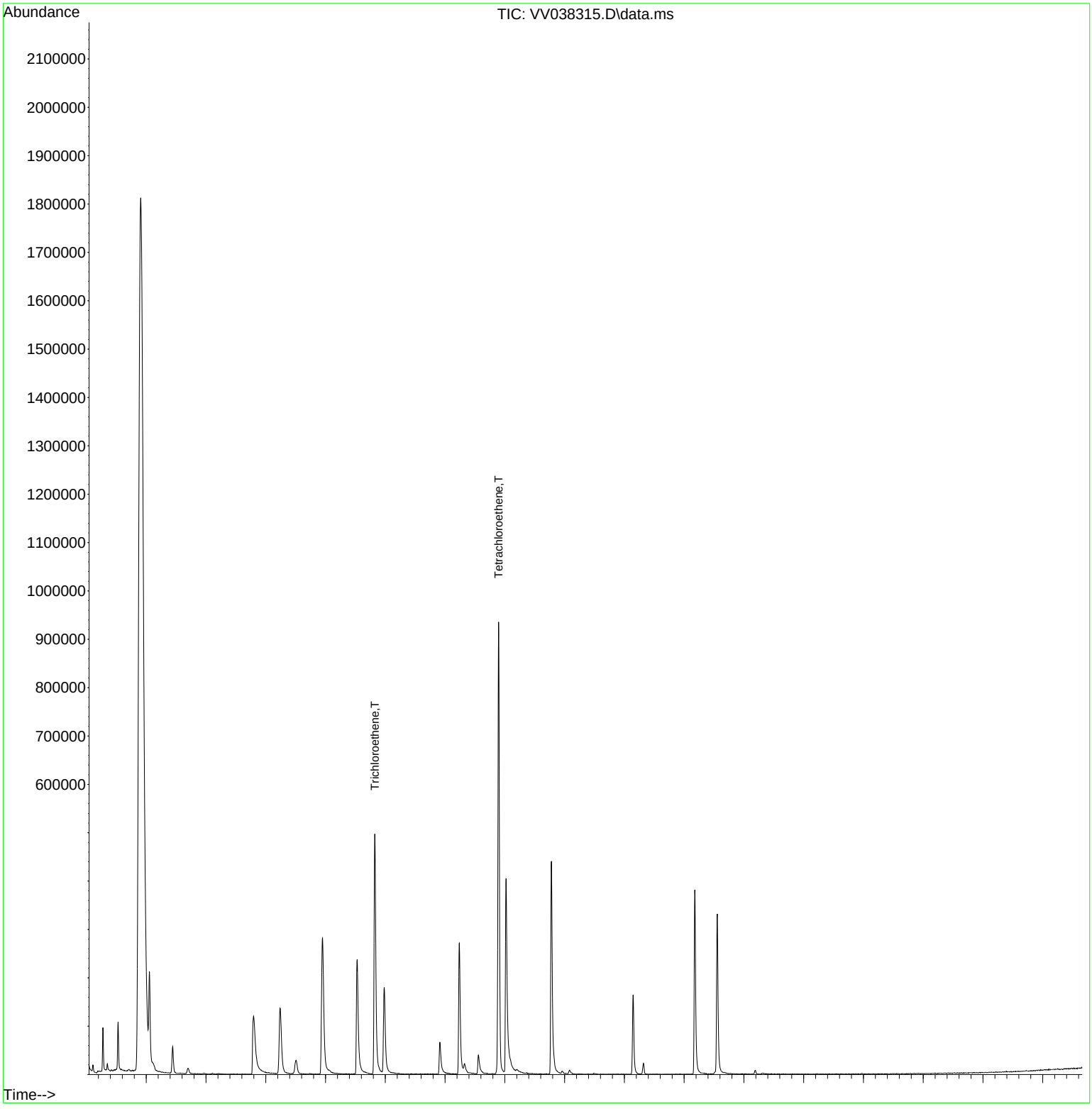
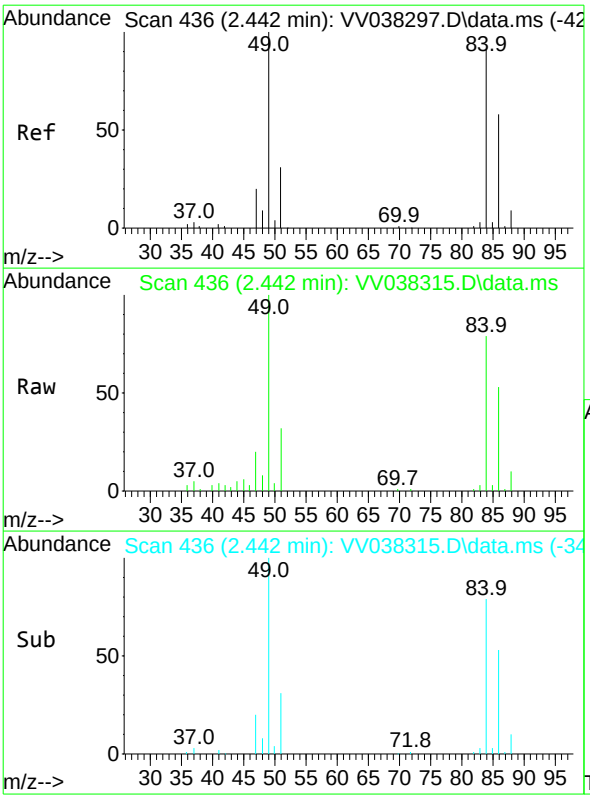


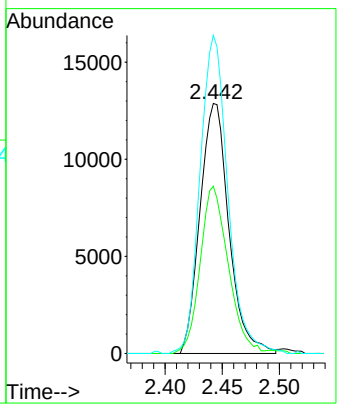


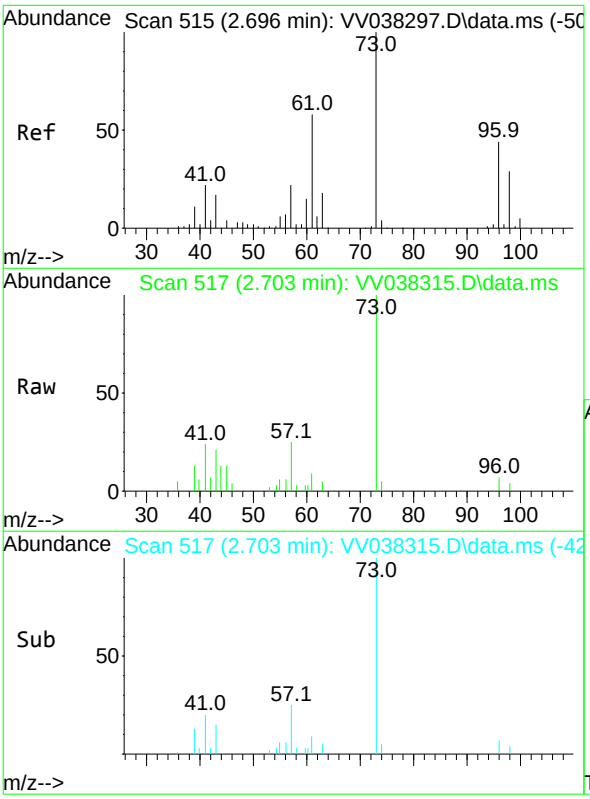
#16
Methylene chloride
Concen: 1.240 ug/L
RT: 2.442 min Scan# 43
Delta R.T. 0.003 min
Lab File: VV038315.D
Acq: 23 Nov 2024 22:02

Instrument :
MSVOA_V
ClientSampleId :
BG3N5

Tgt Ion: 84 Resp: 22681

Ion	Ratio	Lower	Upper
84	100		
86	66.9	44.2	82.2
49	127.2	74.9	139.1

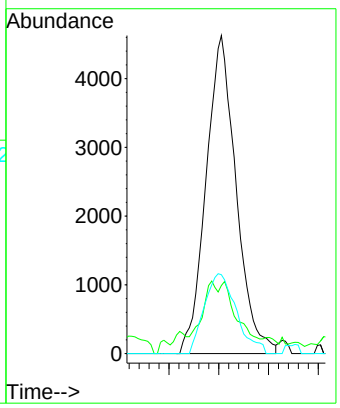


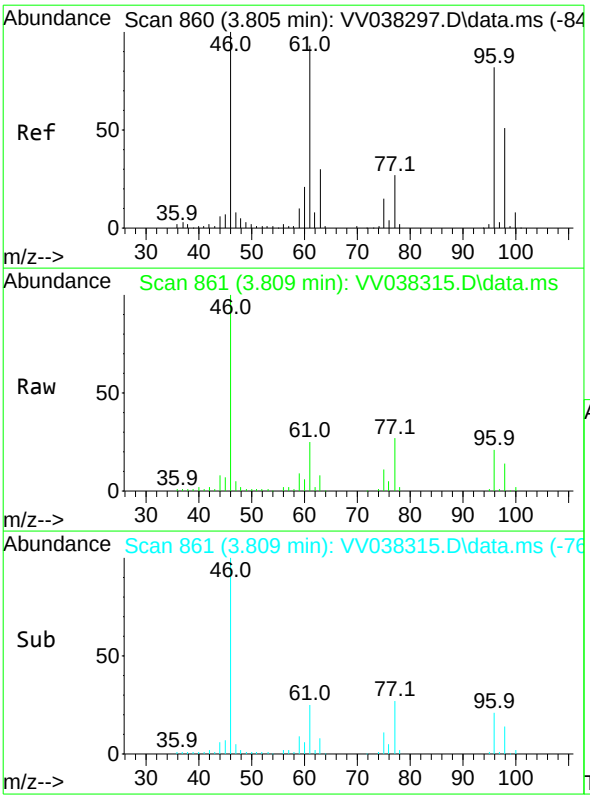


#17
Methyl tert-butyl Ether
Concen: 0.268 ug/L
RT: 2.703 min Scan# 517
Delta R.T. 0.006 min
Lab File: VV038315.D
Acq: 23 Nov 2024 22:02

Tgt Ion: 73 Resp: 9721

Ion	Ratio	Lower	Upper
73	100		
43	8.2	14.2	21.2#
57	26.7	17.6	26.4#



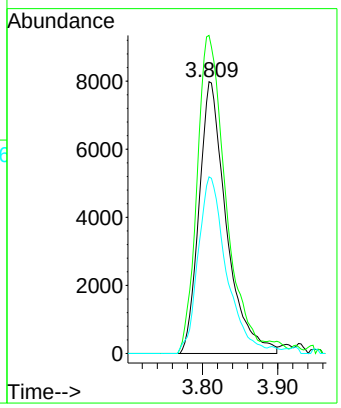


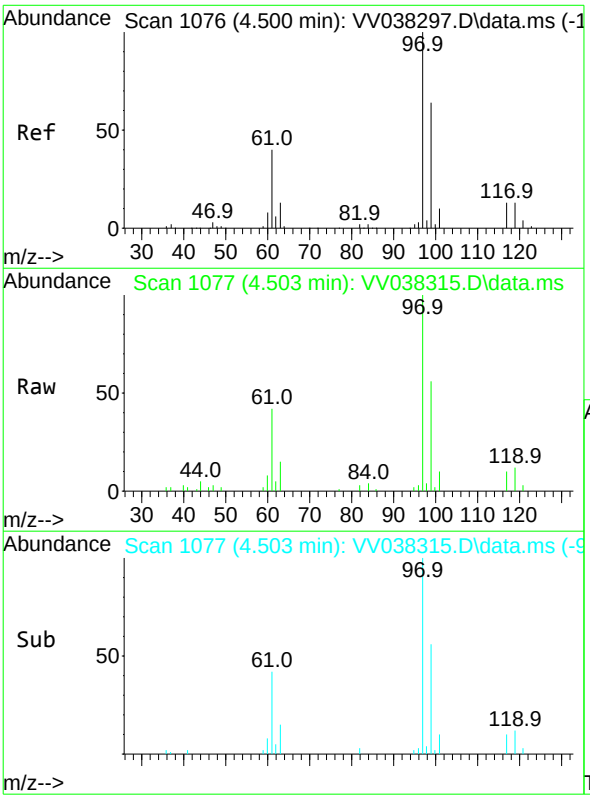
#22
cis-1,2-Dichloroethene
Concen: 1.150 ug/L
RT: 3.809 min Scan# 86
Delta R.T. 0.003 min
Lab File: VV038315.D
Acq: 23 Nov 2024 22:02

Instrument :
MSVOA_V
ClientSampleId :
BG3N5

Tgt Ion: 96 Resp: 20093

Ion	Ratio	Lower	Upper
96	100		
61	117.0	82.7	153.5
98	65.0	46.3	85.9

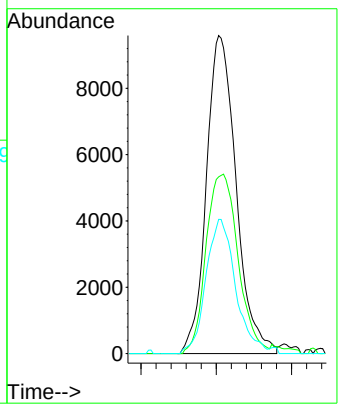


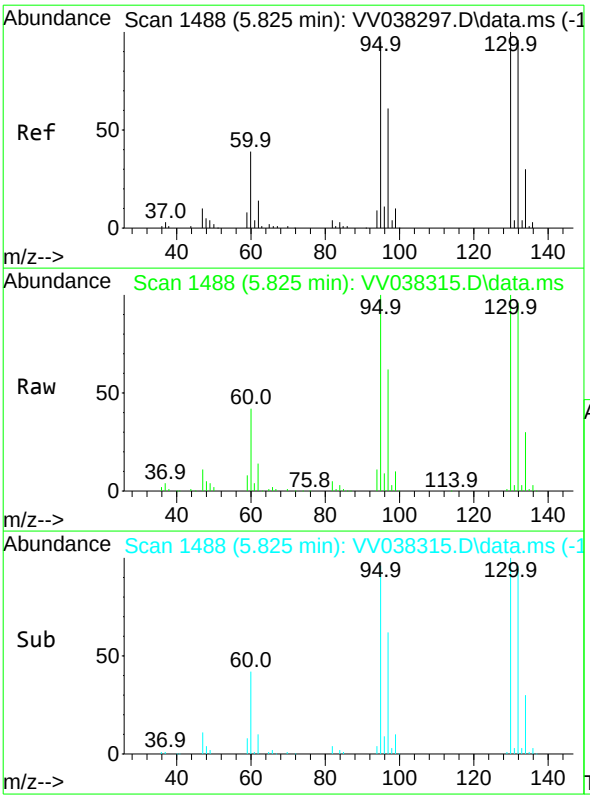


#29
1,1,1-Trichloroethane
Concen: 0.845 ug/L
RT: 4.503 min Scan# 1077
Delta R.T. 0.000 min
Lab File: VV038315.D
Acq: 23 Nov 2024 22:02

Tgt Ion: 97 Resp: 26316

Ion	Ratio	Lower	Upper
97	100		
99	60.8	51.8	77.8
61	41.9	32.2	48.2



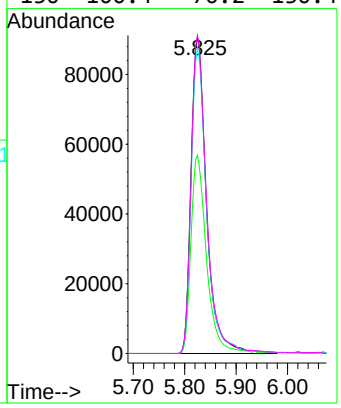


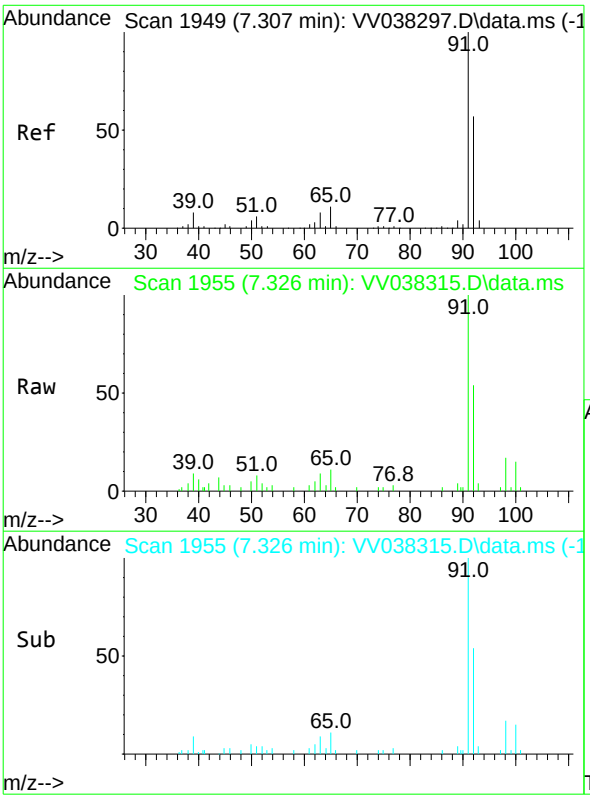
#34
Trichloroethene
Concen: 9.552 ug/L
RT: 5.825 min Scan# 14
Delta R.T. -0.003 min
Lab File: VV038315.D
Acq: 23 Nov 2024 22:02

Instrument :
MSVOA_V
ClientSampleId :
BG3N5

Tgt Ion: 95 Resp: 189874

Ion	Ratio	Lower	Upper
95	100		
97	62.5	44.8	83.2
132	96.5	68.3	126.8
130	100.4	70.2	130.4

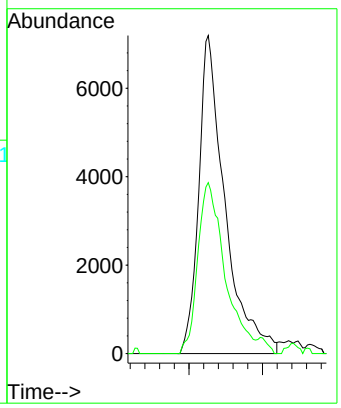


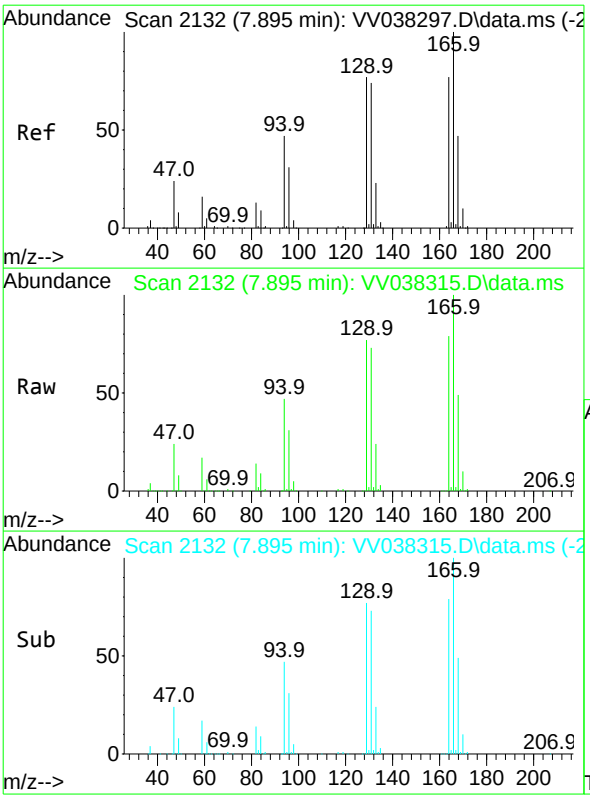


#42
Toluene
Concen: 0.231 ug/L
RT: 7.326 min Scan# 1955
Delta R.T. 0.019 min
Lab File: VV038315.D
Acq: 23 Nov 2024 22:02

Tgt Ion: 91 Resp: 17805

Ion	Ratio	Lower	Upper
91	100		
92	53.7	40.8	75.8



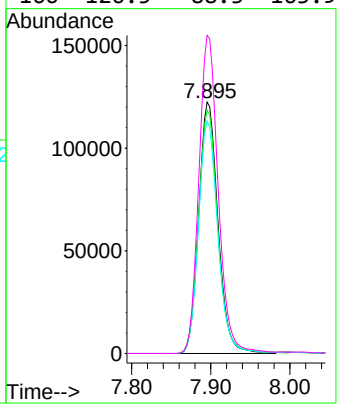


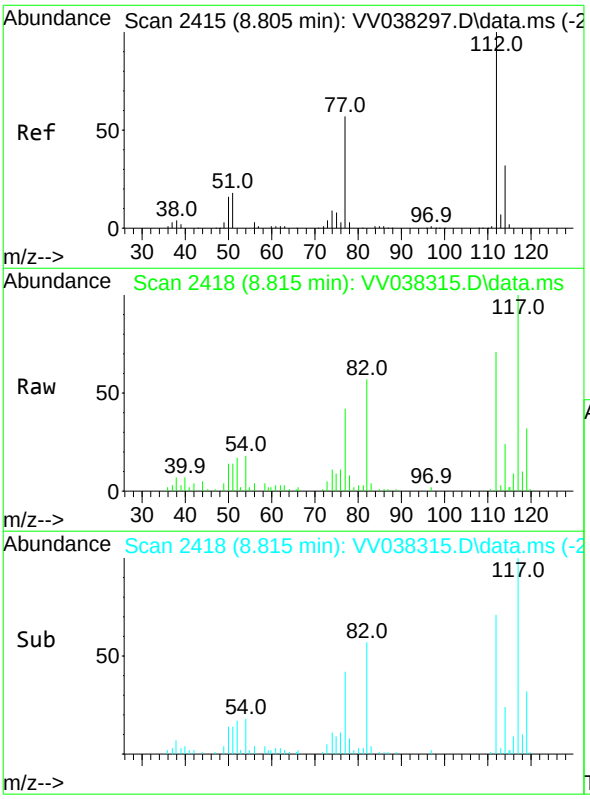
#47
Tetrachloroethene
Concen: 12.983 ug/L
RT: 7.895 min Scan# 21
Delta R.T. 0.000 min
Lab File: VV038315.D
Acq: 23 Nov 2024 22:02

Instrument :
MSVOA_V
ClientSampleId :
BG3N5

Tgt Ion:164 Resp: 207388

Ion	Ratio	Lower	Upper
164	100		
129	96.8	68.5	127.1
131	92.5	64.8	120.4
166	126.5	88.3	163.9

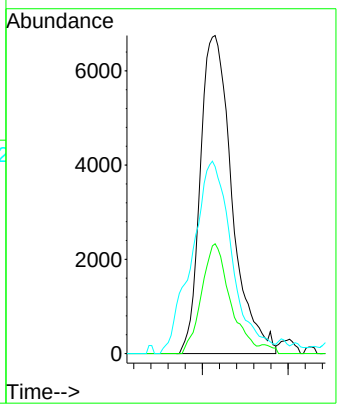


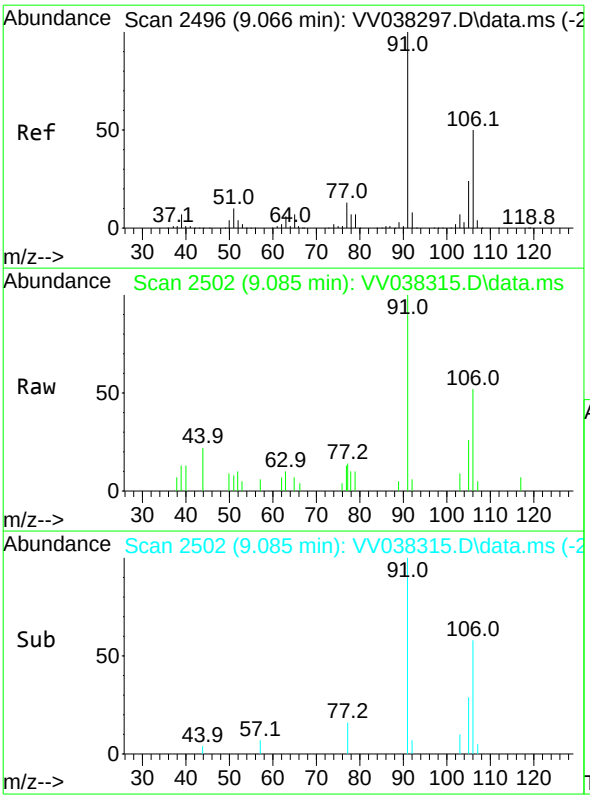


#51
Chlorobenzene
Concen: 0.326 ug/L
RT: 8.815 min Scan# 2418
Delta R.T. 0.010 min
Lab File: VV038315.D
Acq: 23 Nov 2024 22:02

Tgt Ion:112 Resp: 17322

Ion	Ratio	Lower	Upper
112	100		
114	34.5	22.0	40.8
77	58.8	45.0	67.4





#53
m,p-Xylene
Concen: 0.091 ug/L
RT: 9.085 min Scan# 25
Delta R.T. 0.019 min
Lab File: VV038315.D
Acq: 23 Nov 2024 22:02

Instrument :
MSVOA_V
ClientSampleId :
BG3N5

Tgt Ion:106 Resp: 2817

Ion	Ratio	Lower	Upper
106	100		
91	191.3	138.7	257.5