Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
Data File : VU061985.D
Acq On : 22 Nov 2024 21:22
Operator : MD/SY
Sample : P4904-01DL 5X
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 33 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG411DL

Quant Time: Nov 23 00:15:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 23 00:14:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	86524	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	78943	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	34153	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	28641	6.748	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 135.000%#			
7) Chloroethane-d5	1.907	69	23064	6.143	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 122.800%			
11) 1,1-Dichloroethene-d2	2.560	65	12668	7.471	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 149.400%#			
20) 2-Butanone-d5	4.621	46	70620	52.988	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 105.980%			
24) Chloroform-d	5.052	84	63218	6.106	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 122.200%			
26) 1,2-Dichloroethane-d4	5.692	65	33400	6.268	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 125.400%			
32) Benzene-d6	5.717	84	117139	7.616	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 152.400%#			
36) 1,2-Dichloropropane-d6	6.682	67	38334	7.335	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 146.600%#			
41) Toluene-d8	7.891	98	99191	7.732	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 154.600%#			
43) trans-1,3-Dichloroprop...	8.177	79	12689	6.558	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 131.200%#			
46) 2-Hexanone-d5	8.627	63	48742	55.194	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 110.380%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	29851	5.716	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 114.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	33989	6.730	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 134.600%#			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.132	101	80602	7.949	ug/L	99
12) 1,1-Dichloroethene	2.573	96	1435	0.247	ug/L #	1
16) Methylene chloride	3.039	84	5083	0.730	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	11067	0.744	ug/L #	85
19) 1,1-Dichloroethane	3.862	63	9031	0.756	ug/L	100
22) cis-1,2-Dichloroethene	4.663	96	1183	0.171	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	4763	0.523	ug/L	95
34) Trichloroethene	6.534	95	10355	1.627	ug/L	95
47) Tetrachloroethene	8.544	164	4617	0.998	ug/L	95

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

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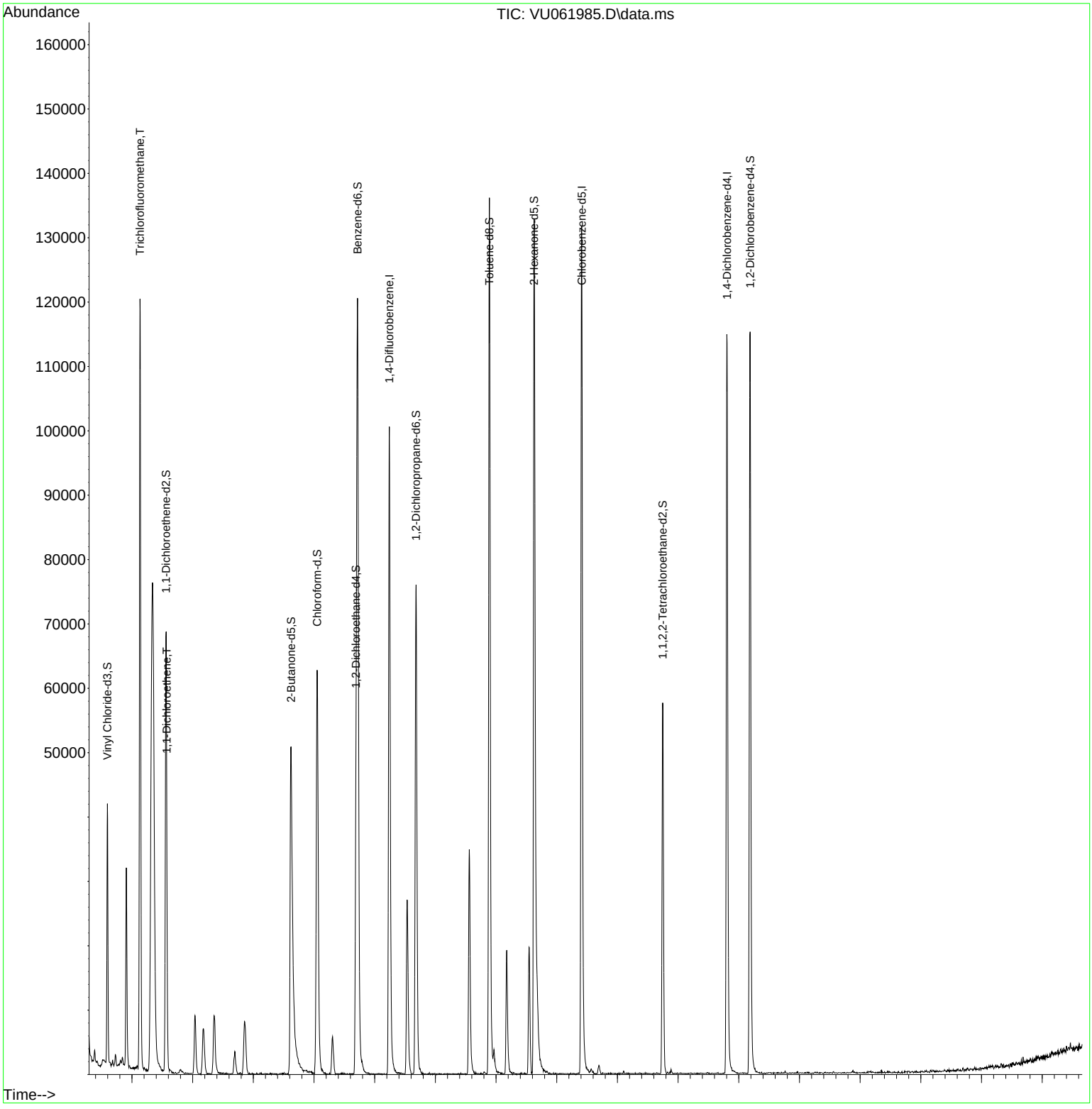
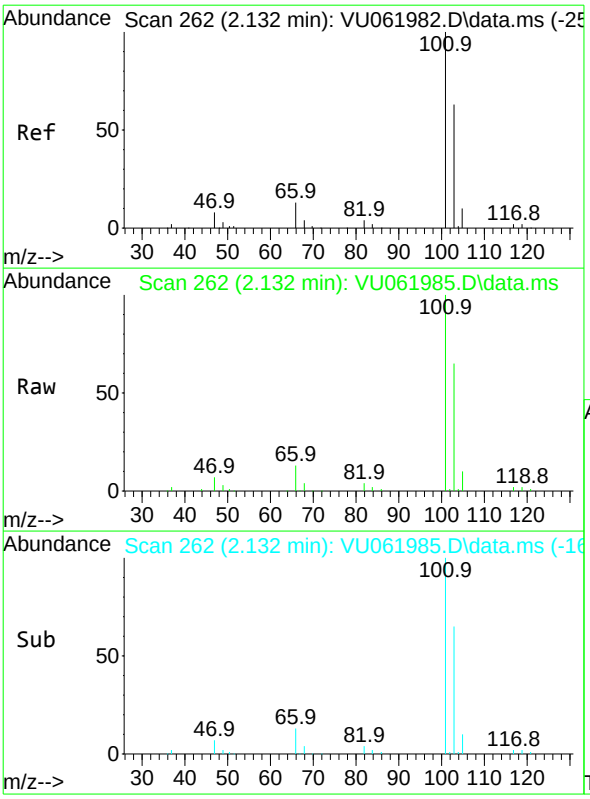


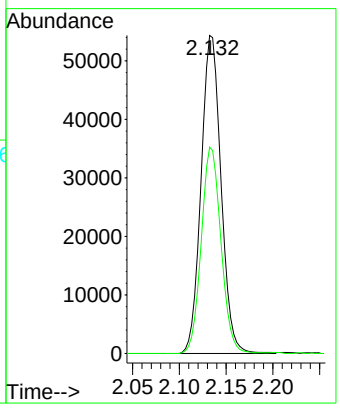


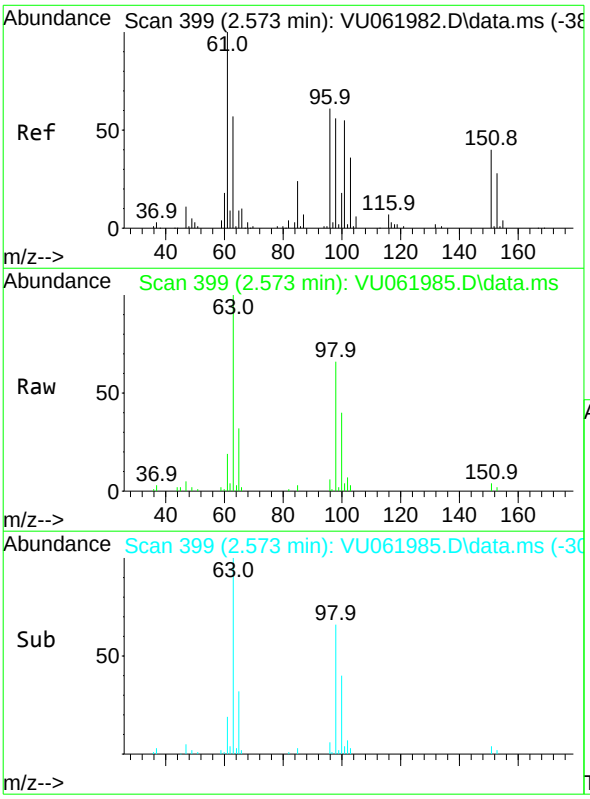
#9
Trichlorofluoromethane
Concen: 7.949 ug/L
RT: 2.132 min Scan# 26
Delta R.T. -0.000 min
Lab File: VU061985.D
Acq: 22 Nov 2024 21:22

Instrument :
MSVOA_U
ClientSampleId :
BG411DL

Tgt Ion:101 Resp: 80602

Ion	Ratio	Lower	Upper
101	100		
103	63.9	50.6	75.8

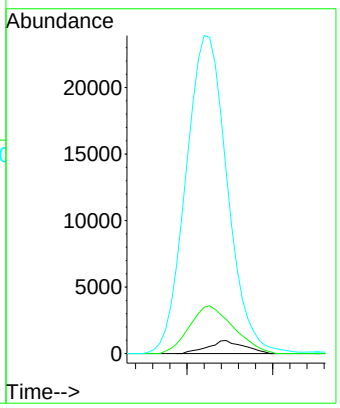


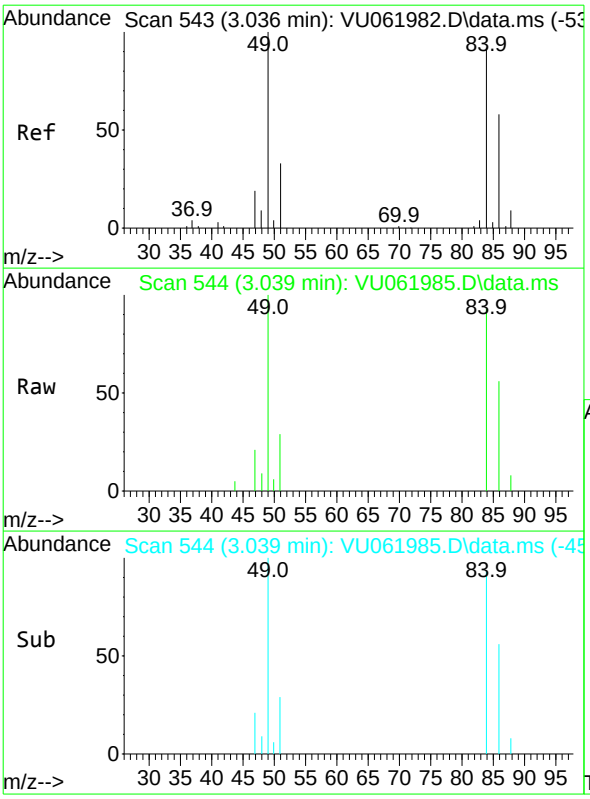


#12
1,1-Dichloroethene
Concen: 0.247 ug/L
RT: 2.573 min Scan# 399
Delta R.T. -0.000 min
Lab File: VU061985.D
Acq: 22 Nov 2024 21:22

Tgt Ion: 96 Resp: 1435

Ion	Ratio	Lower	Upper
96	100		
61	261.9	119.6	222.2#
63	1387.4	65.0	120.6#



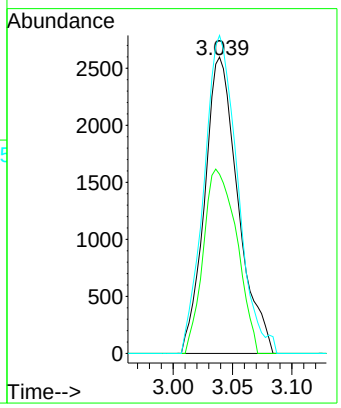


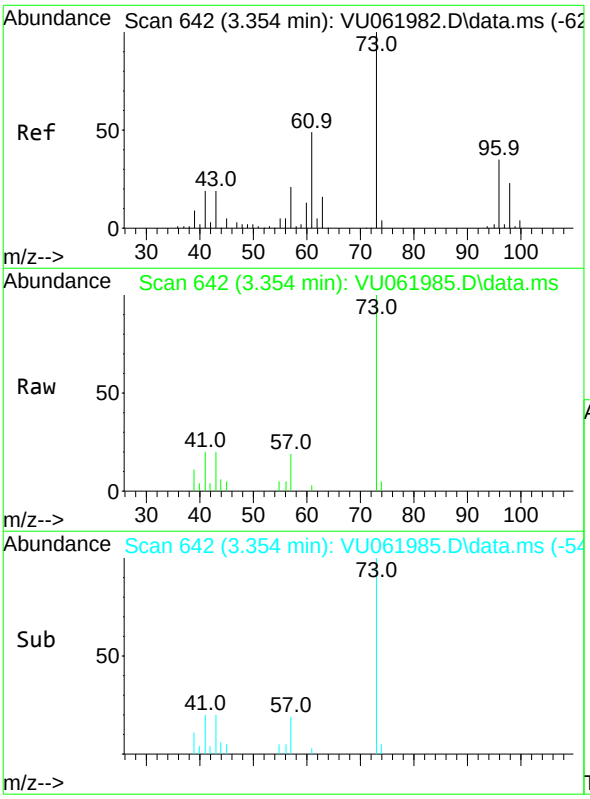
#16
Methylene chloride
Concen: 0.730 ug/L
RT: 3.039 min Scan# 54
Delta R.T. 0.003 min
Lab File: VU061985.D
Acq: 22 Nov 2024 21:22

Instrument :
MSVOA_U
ClientSampleId :
BG411DL

Tgt Ion: 84 Resp: 5083

Ion	Ratio	Lower	Upper
84	100		
86	60.5	43.5	80.7
49	107.3	81.9	152.1

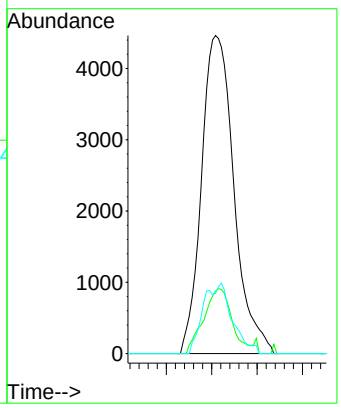


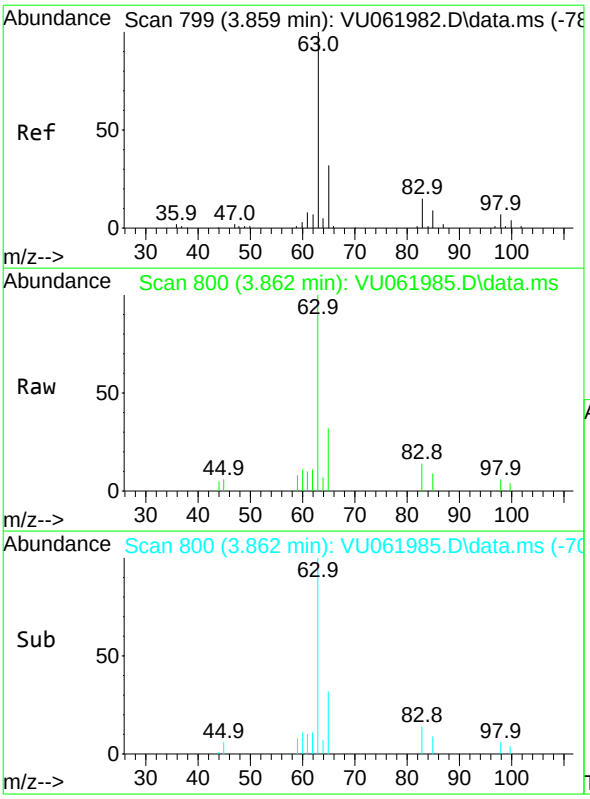


#17
Methyl tert-butyl Ether
Concen: 0.744 ug/L
RT: 3.354 min Scan# 642
Delta R.T. -0.000 min
Lab File: VU061985.D
Acq: 22 Nov 2024 21:22

Tgt Ion: 73 Resp: 11067

Ion	Ratio	Lower	Upper
73	100		
43	17.8	16.3	24.5
57	10.5	17.1	25.7#



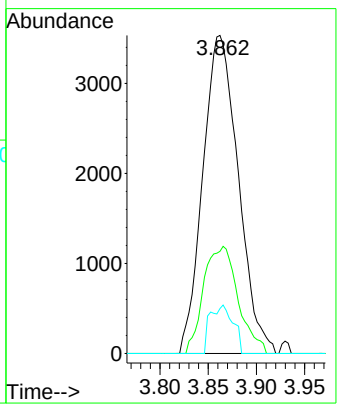


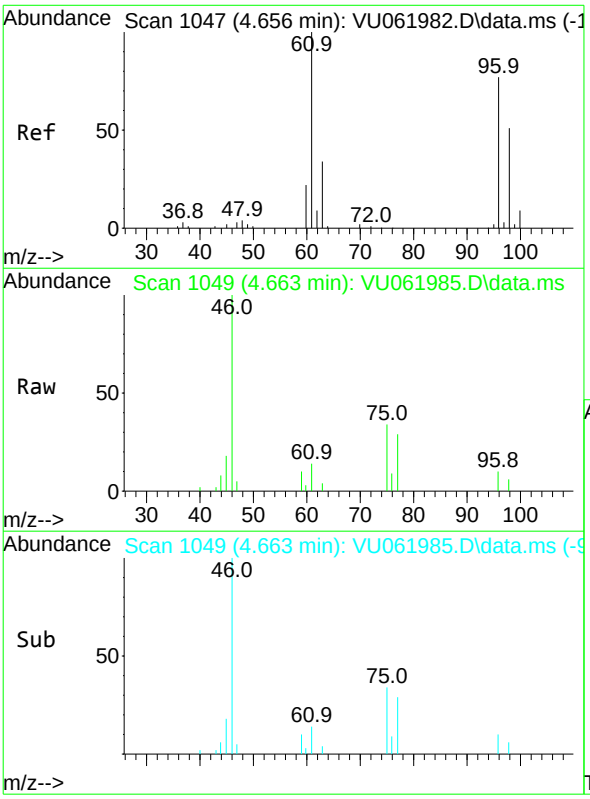
#19
1,1-Dichloroethane
Concen: 0.756 ug/L
RT: 3.862 min Scan# 80
Delta R.T. 0.003 min
Lab File: VU061985.D
Acq: 22 Nov 2024 21:22

Instrument :
MSVOA_U
ClientSampleId :
BG411DL

Tgt Ion: 63 Resp: 9031

Ion	Ratio	Lower	Upper
63	100		
65	32.1	22.7	42.3
83	14.1	9.9	18.3

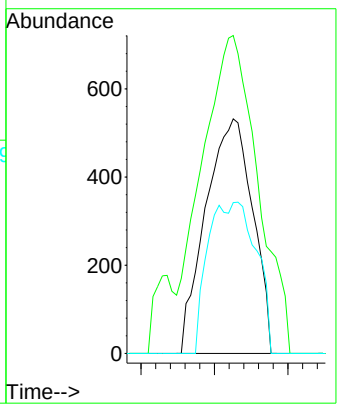


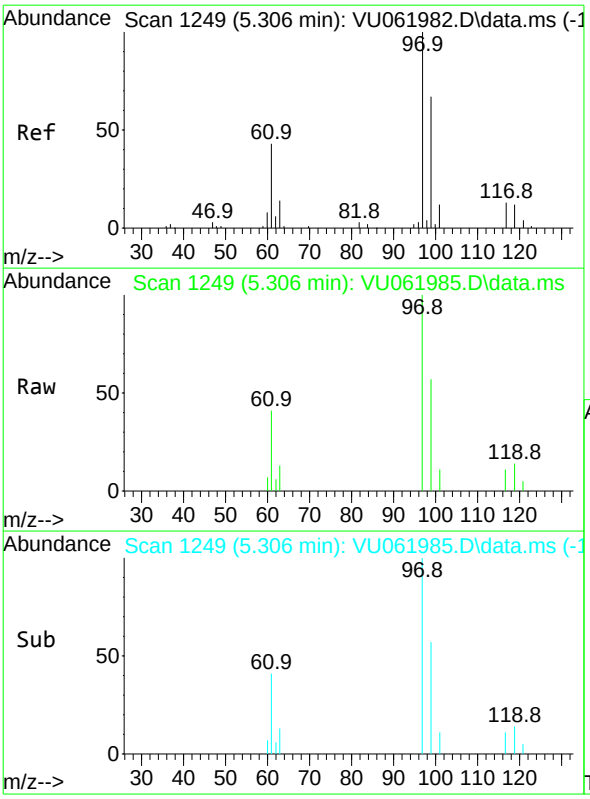


#22
cis-1,2-Dichloroethene
Concen: 0.171 ug/L
RT: 4.663 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VU061985.D
Acq: 22 Nov 2024 21:22

Tgt Ion: 96 Resp: 1183

Ion	Ratio	Lower	Upper
96	100		
61	135.5	92.0	170.8
98	64.3	44.5	82.7



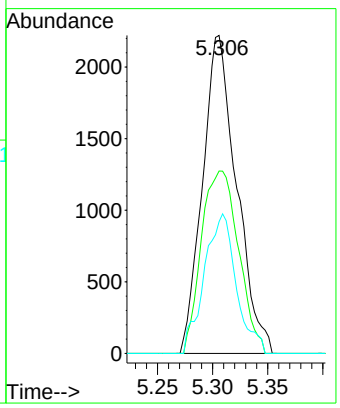


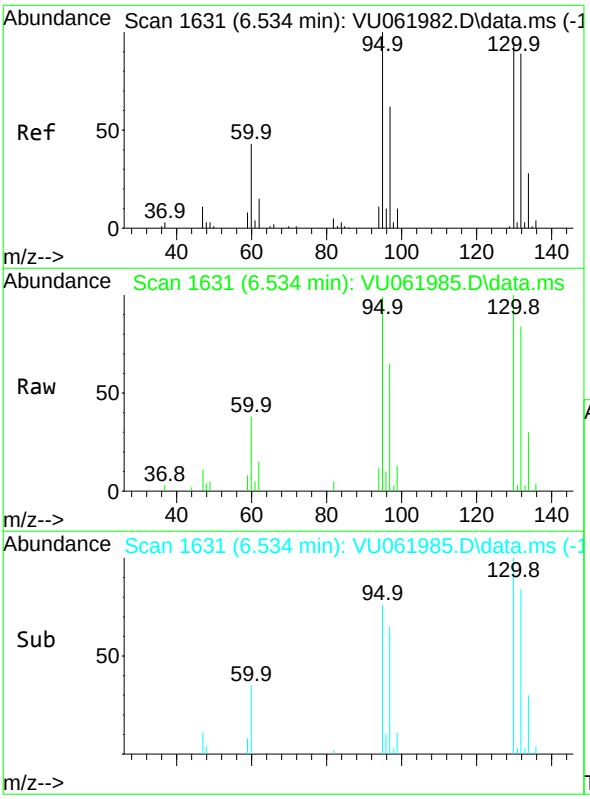
#29
1,1,1-Trichloroethane
Concen: 0.523 ug/L
RT: 5.306 min Scan# 12
Delta R.T. -0.000 min
Lab File: VU061985.D
Acq: 22 Nov 2024 21:22

Instrument :
MSVOA_U
ClientSampleId :
BG411DL

Tgt Ion: 97 Resp: 4763

Ion	Ratio	Lower	Upper
97	100		
99	62.8	51.4	77.2
61	41.2	37.8	56.6

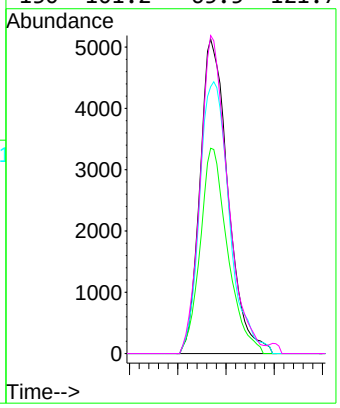


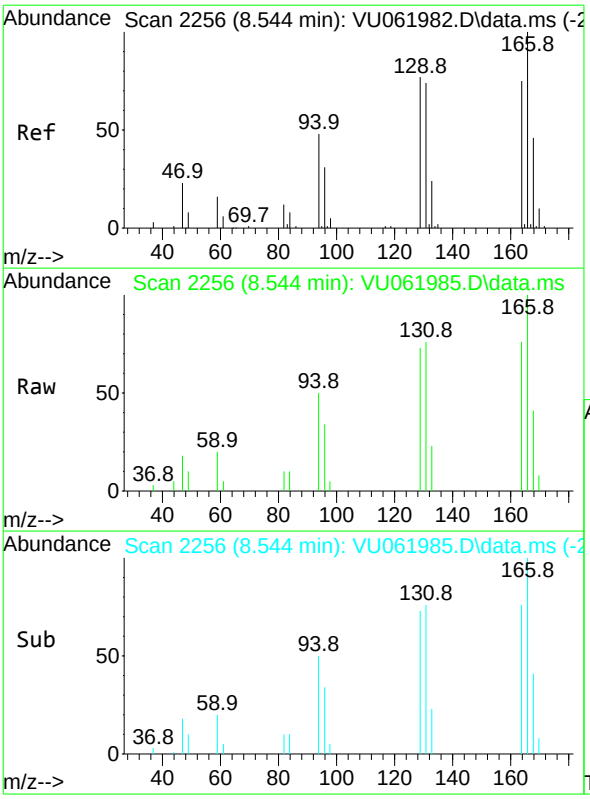


#34
Trichloroethene
Concen: 1.627 ug/L
RT: 6.534 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VU061985.D
Acq: 22 Nov 2024 21:22

Tgt Ion: 95 Resp: 10355

Ion	Ratio	Lower	Upper
95	100		
97	65.3	45.9	85.3
132	84.9	63.8	118.4
130	101.2	65.5	121.7





#47
Tetrachloroethene
Concen: 0.998 ug/L
RT: 8.544 min Scan# 22
Delta R.T. -0.000 min
Lab File: VU061985.D
Acq: 22 Nov 2024 21:22

Instrument :
MSVOA_U
ClientSampleId :
BG411DL

Tgt Ion:164 Resp: 4617

Ion	Ratio	Lower	Upper
164	100		
129	95.8	73.2	136.0
131	99.5	72.3	134.3
166	131.3	90.2	167.4