Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121924\
Data File : VU062474.D
Acq On : 19 Dec 2024 14:44
Operator : MD/SY
Sample : P5309-10
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CH9

Quant Time: Dec 20 00:38:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 20 00:36:00 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	86327	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	83764	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	38806	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	23540	4.043	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 80.800%			
7) Chloroethane-d5	1.908	69	19134	4.620	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.400%			
11) 1,1-Dichloroethene-d2	2.560	65	12119	4.375	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 87.400%			
20) 2-Butanone-d5	4.628	46	45171	40.478	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 80.960%			
24) Chloroform-d	5.052	84	55686	4.419	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.400%			
26) 1,2-Dichloroethane-d4	5.692	65	30556	4.931	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.600%			
32) Benzene-d6	5.718	84	99884	4.140	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.800%			
36) 1,2-Dichloropropane-d6	6.679	67	27681	4.010	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.200%			
41) Toluene-d8	7.891	98	92697	4.067	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.400%			
43) trans-1,3-Dichloroprop...	8.174	79	12047	3.965	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.200%			
46) 2-Hexanone-d5	8.627	63	33095	36.104	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 72.200%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	22214	4.136	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 82.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	34055	4.762	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.200%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.133	101	5144	0.449	ug/L	87
13) Acetone	2.653	43	3539	4.658	ug/L	96
34) Trichloroethene	6.538	95	5467	0.743	ug/L	88
47) Tetrachloroethene	8.547	164	3209	0.565	ug/L	86

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

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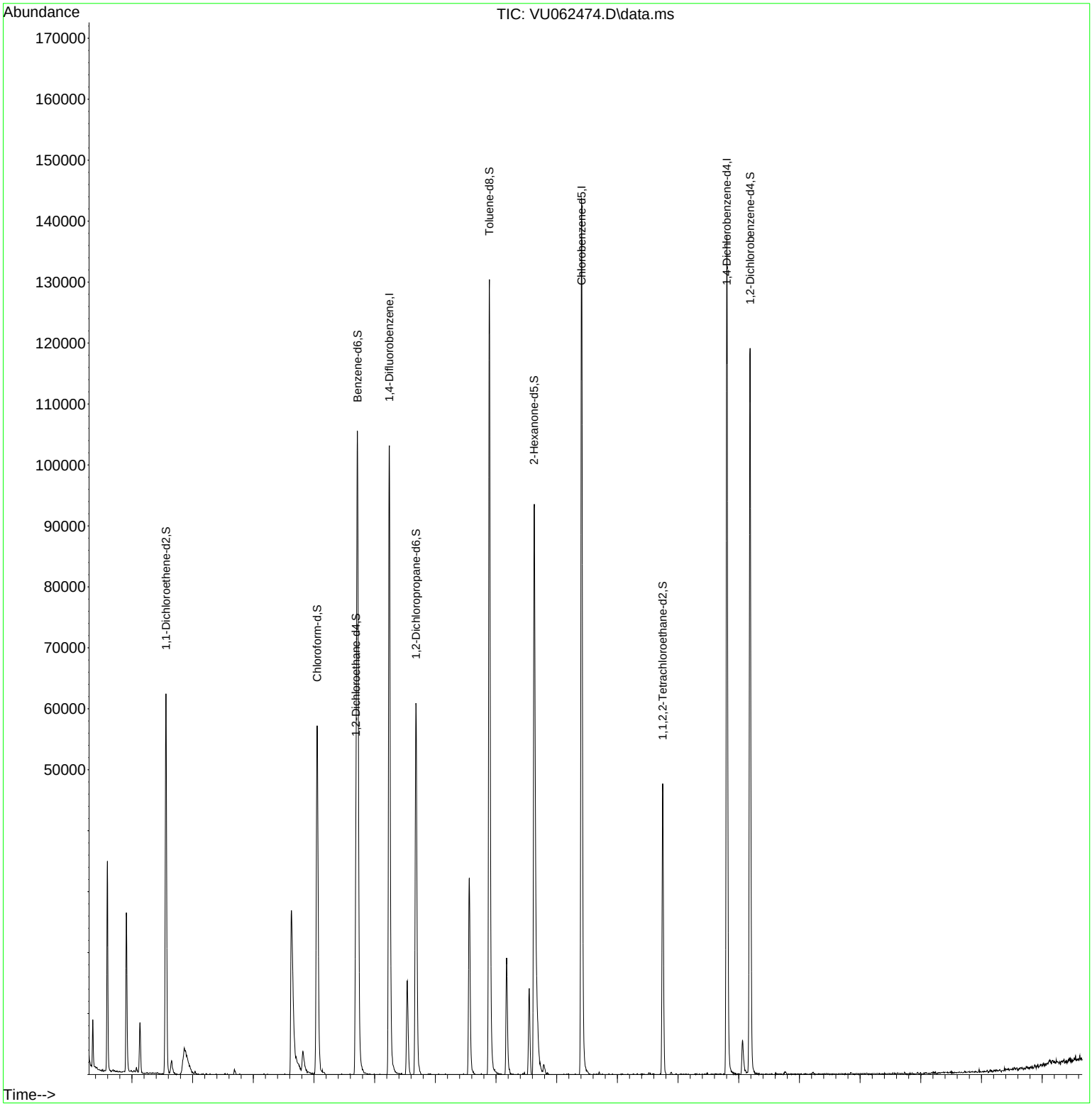
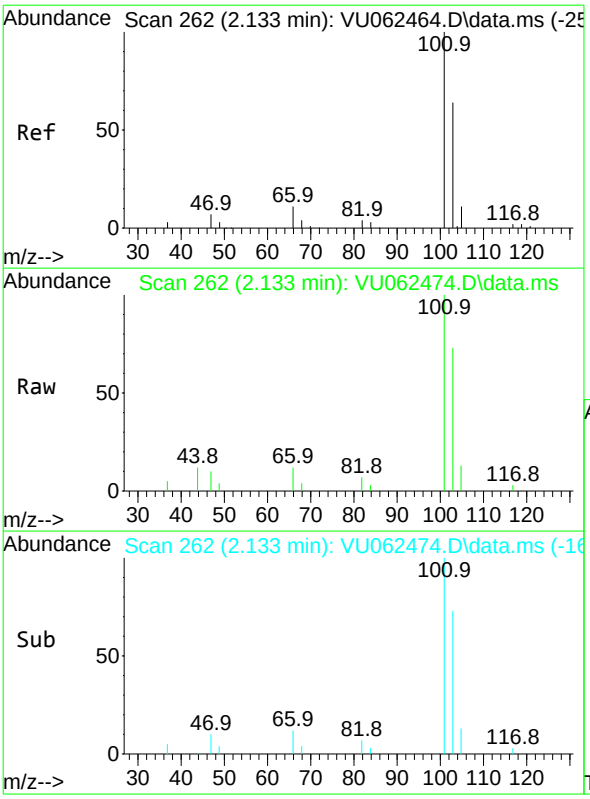


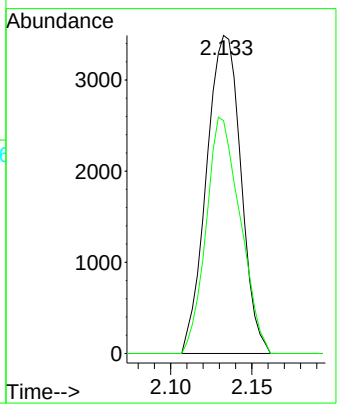


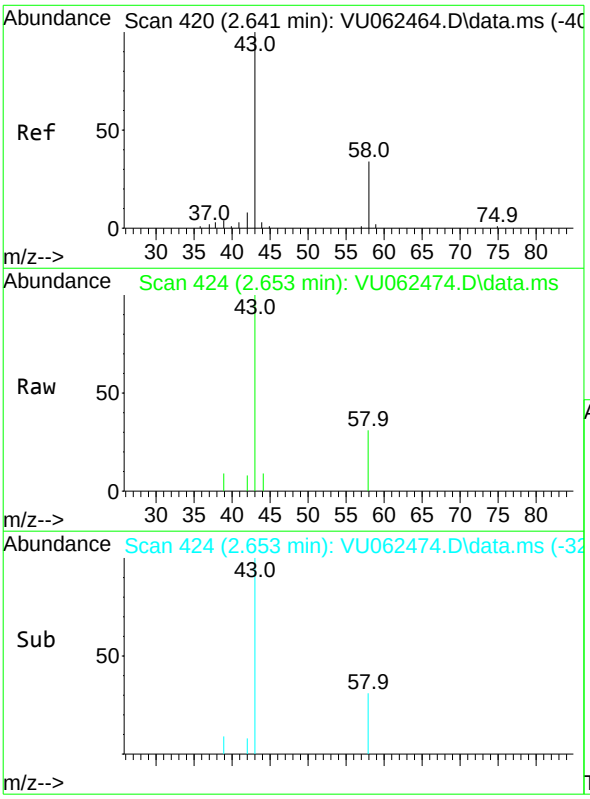
#9
Trichlorofluoromethane
Concen: 0.449 ug/L
RT: 2.133 min Scan# 26
Delta R.T. 0.000 min
Lab File: VU062474.D
Acq: 19 Dec 2024 14:44

Instrument :
MSVOA_U
ClientSampleId :
C0CH9

Tgt Ion:101 Resp: 5144

Ion	Ratio	Lower	Upper
101	100		
103	73.6	50.6	75.8

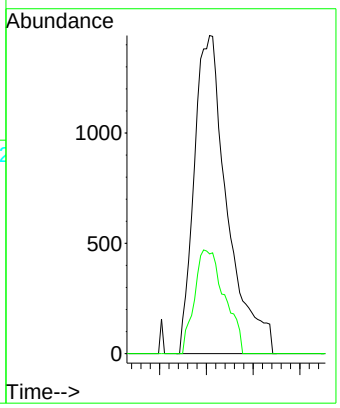


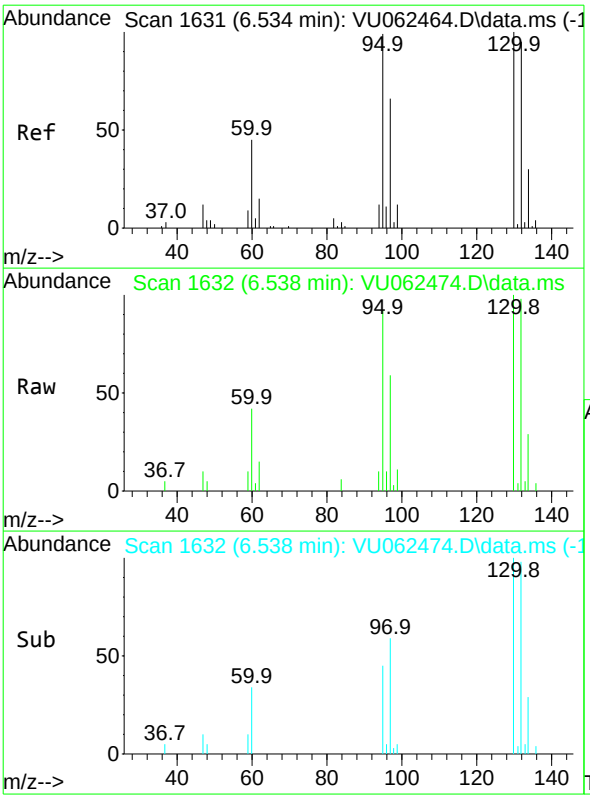


#13
Acetone
Concen: 4.658 ug/L
RT: 2.653 min Scan# 424
Delta R.T. 0.013 min
Lab File: VU062474.D
Acq: 19 Dec 2024 14:44

Tgt Ion: 43 Resp: 3539

Ion	Ratio	Lower	Upper
43	100		
58	29.6	0.0	64.0



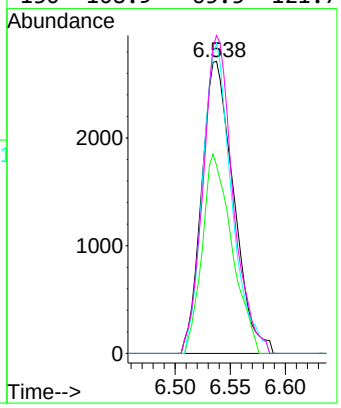


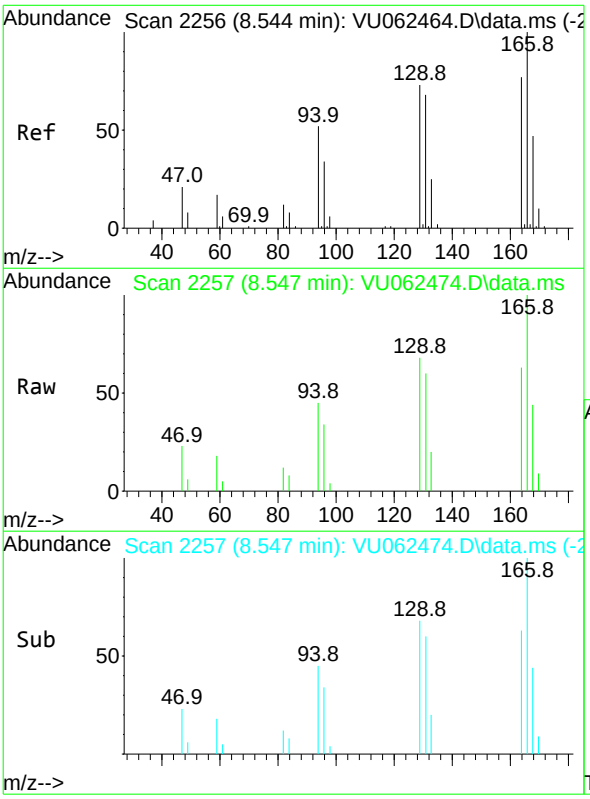
#34
Trichloroethene
Concen: 0.743 ug/L
RT: 6.538 min Scan# 16
Delta R.T. 0.003 min
Lab File: VU062474.D
Acq: 19 Dec 2024 14:44

Instrument :
MSVOA_U
ClientSampleId :
C0CH9

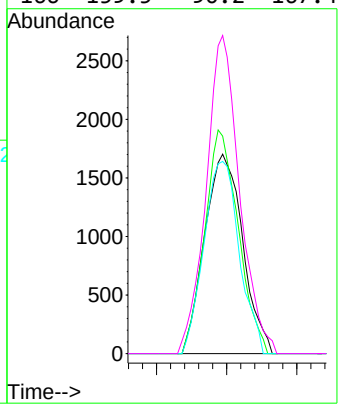
Tgt Ion: 95 Resp: 5467

Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.9	85.3
132	106.2	63.8	118.4
130	108.9	65.5	121.7





#47
Tetrachloroethene
Concen: 0.565 ug/L
RT: 8.547 min Scan# 2257
Delta R.T. 0.003 min
Lab File: VU062474.D
Acq: 19 Dec 2024 14:44

Tgt Ion:164 Resp: 3209

Ion	Ratio	Lower	Upper
164	100		
129	109.0	73.2	136.0
131	96.4	72.3	134.3
166	159.5	90.2	167.4