Quantitation Report (Qedit)

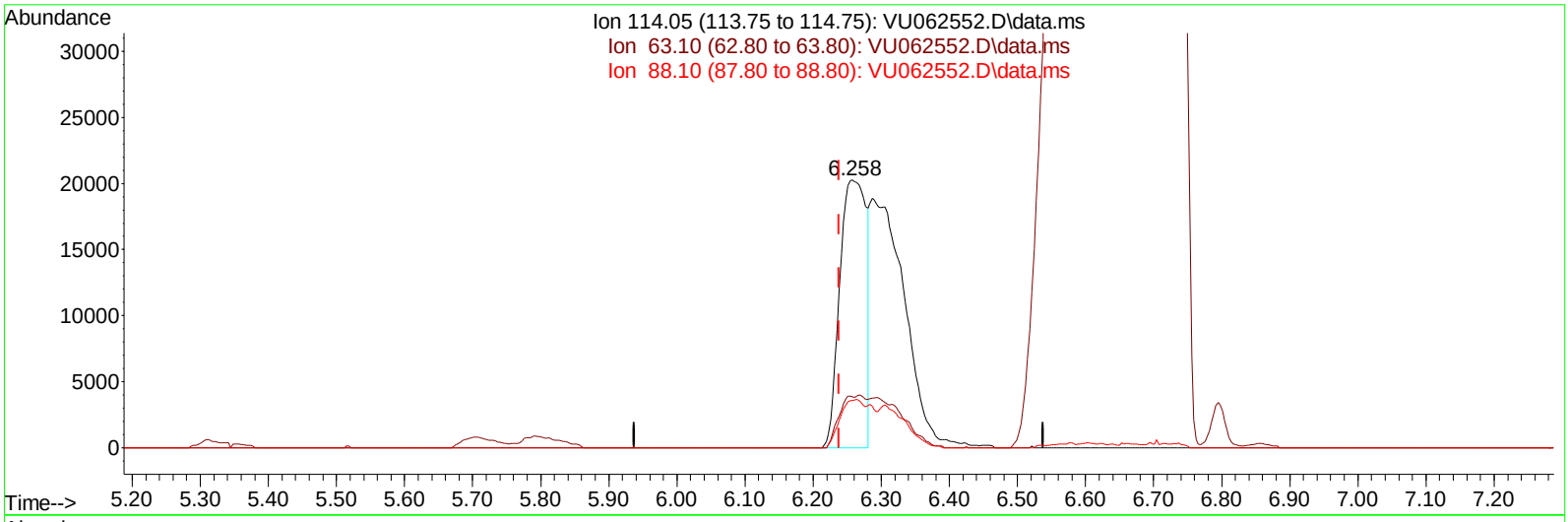
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122024\
Data File : VU062552.D
Acq On : 21 Dec 2024 04:09
Operator : MD/SY
Sample : P5344-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

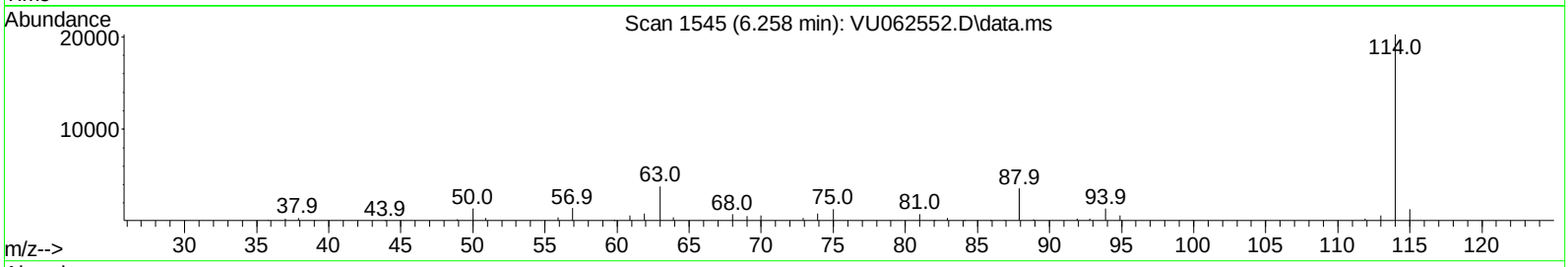
Quant Time: Dec 21 04:26:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 20 23:41:56 2024
Response via : Initial Calibration

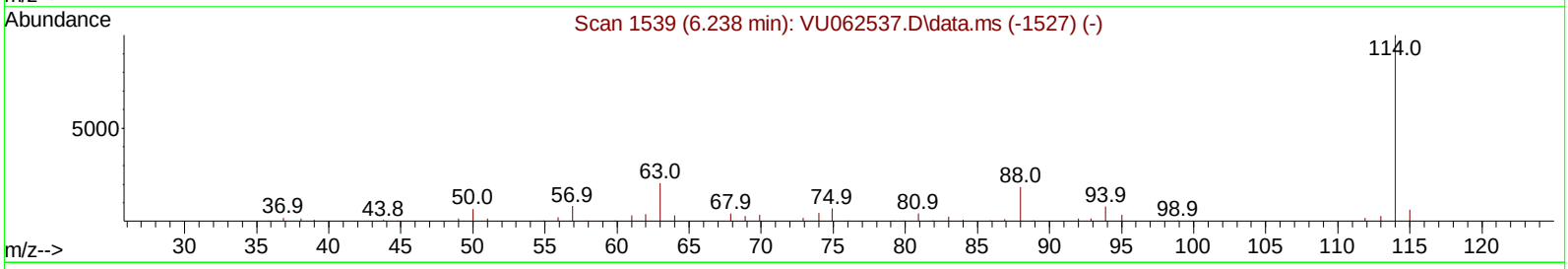
Instrument :
MSVOA_U
ClientSampleId :
C0CG6

Manual IntegrationsAPPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024
Supervised By :Mahesh Dadoda 12/24/2024







TIC: VU062552.D\data.ms

(1) 1,4-Difluorobenzene (I)

6.258min (+ 0.020) 5.00 ug/L

response 54149

Ion	Exp%	Act%
114.05	100.00	100.00
63.10	21.70	11.87#
88.10	16.80	16.48
0.00	0.00	0.00

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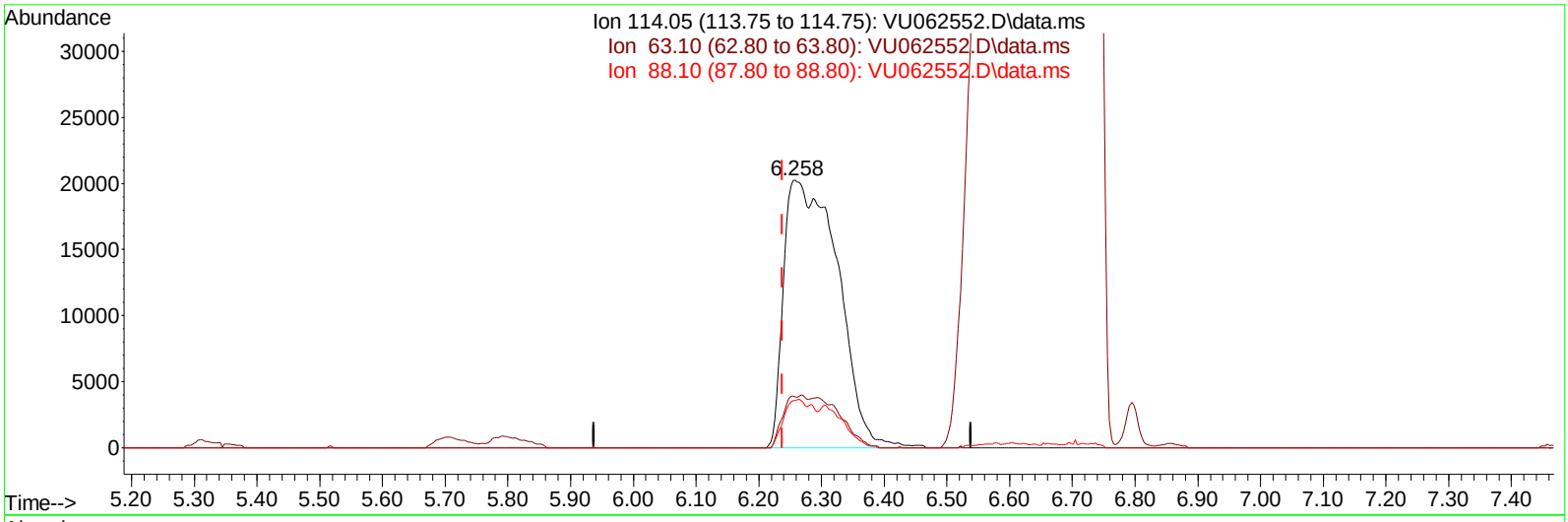

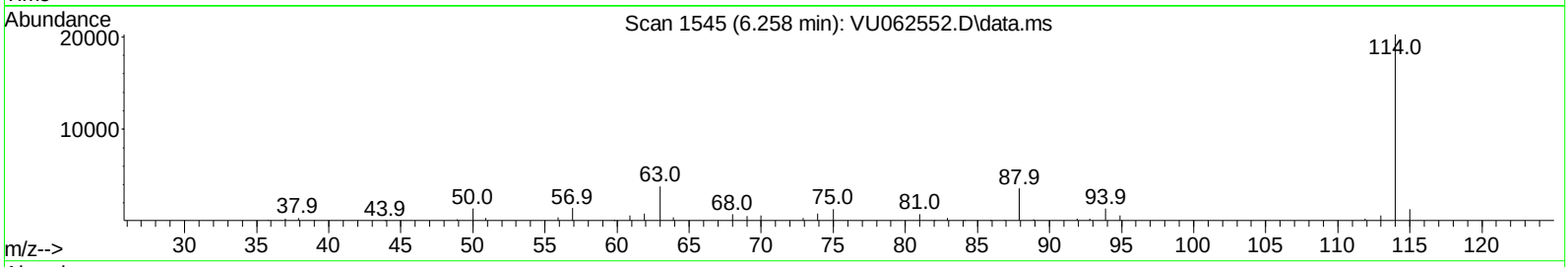

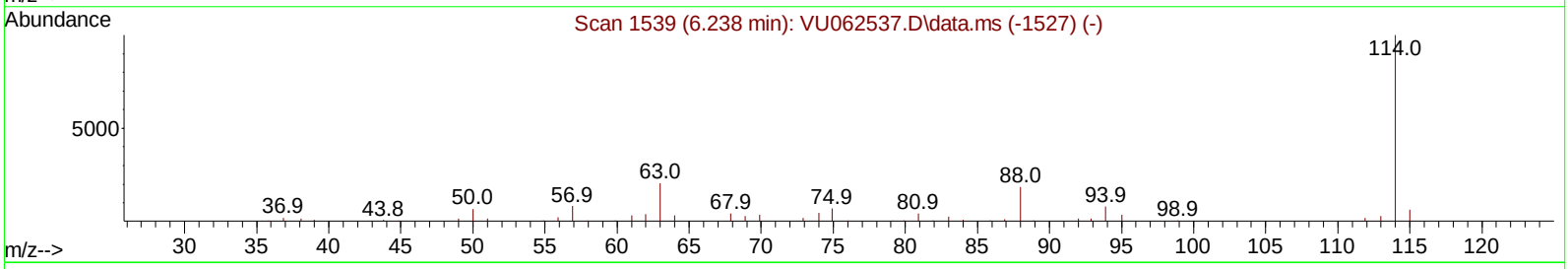

TIC: VU062552.D\data.ms

(1) 1,4-Difluorobenzene (I)

6.258min (+ 0.020) 5.00 ug/L m

response 121216

Ion	Exp%	Act%
114.05	100.00	100.00
63.10	21.70	5.30#
88.10	16.80	7.36#
0.00	0.00	0.00

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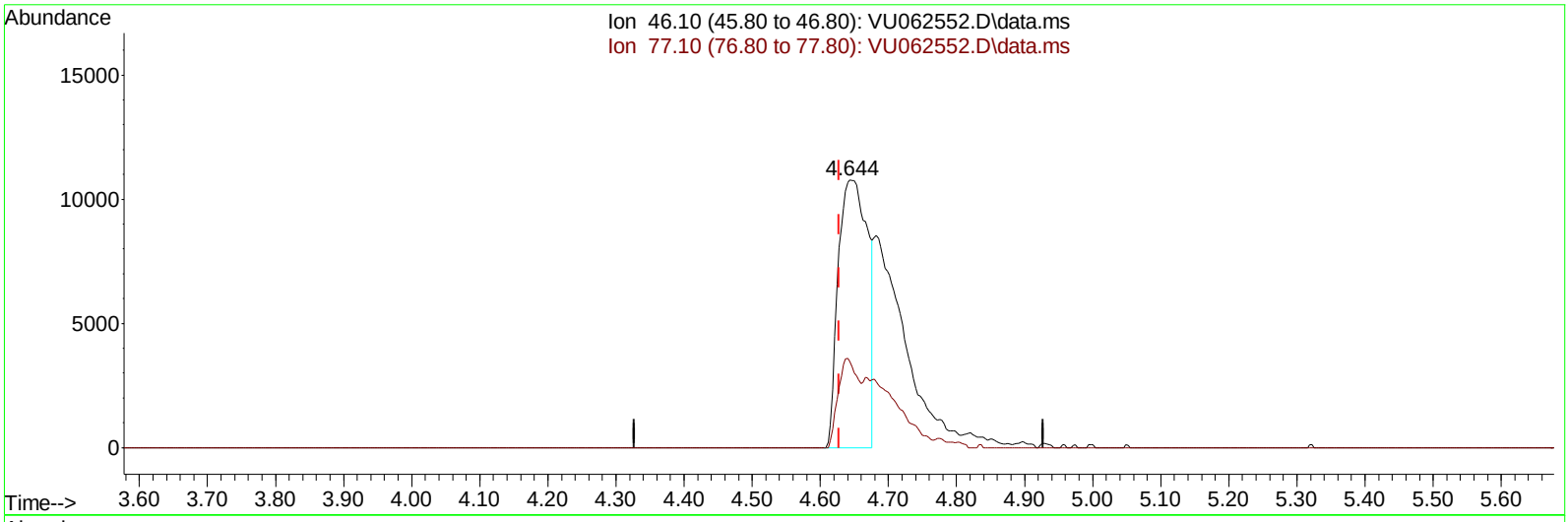

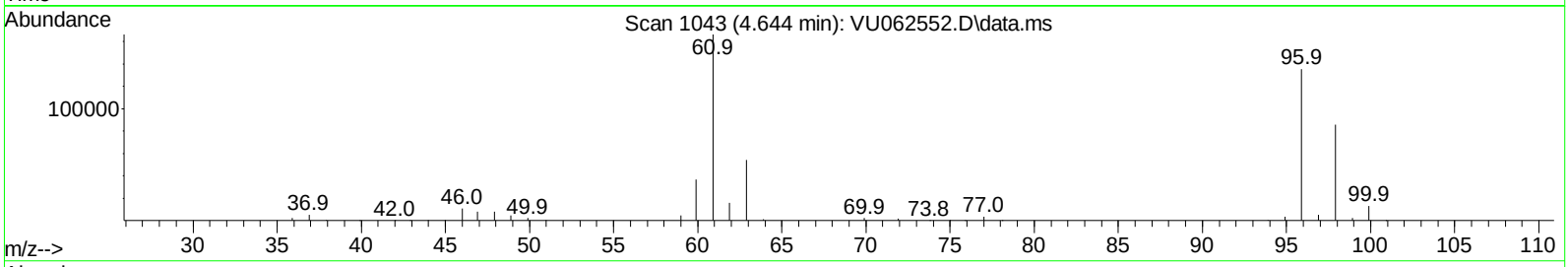

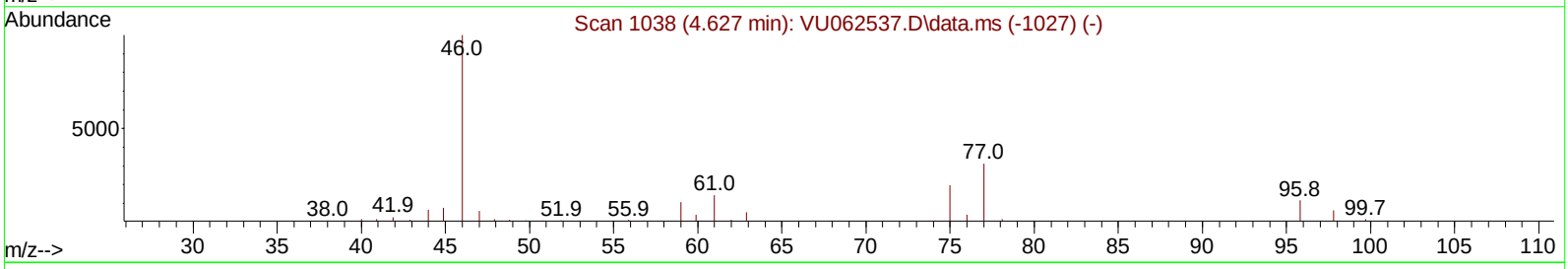

TIC: VU062552.D\data.ms

(20) 2-Butanone-d5 (S)

4.644min (+ 0.016) 20.74 ug/L

response 32505

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	26.20	22.62
0.00	0.00	0.00
0.00	0.00	0.00

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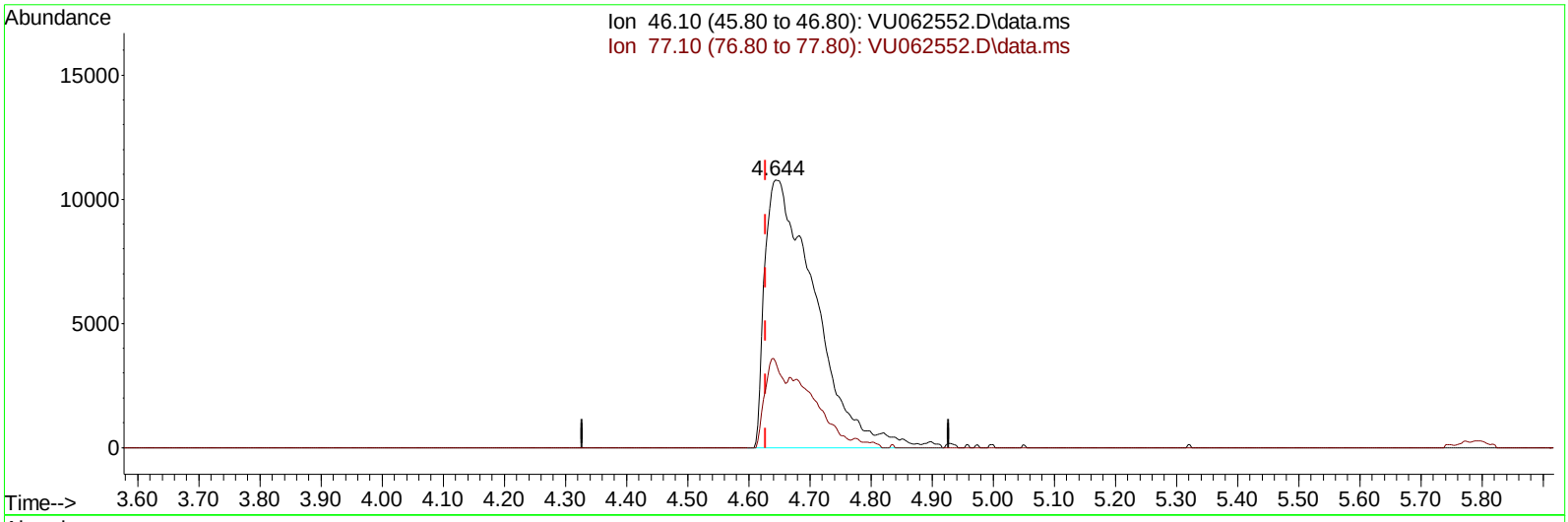

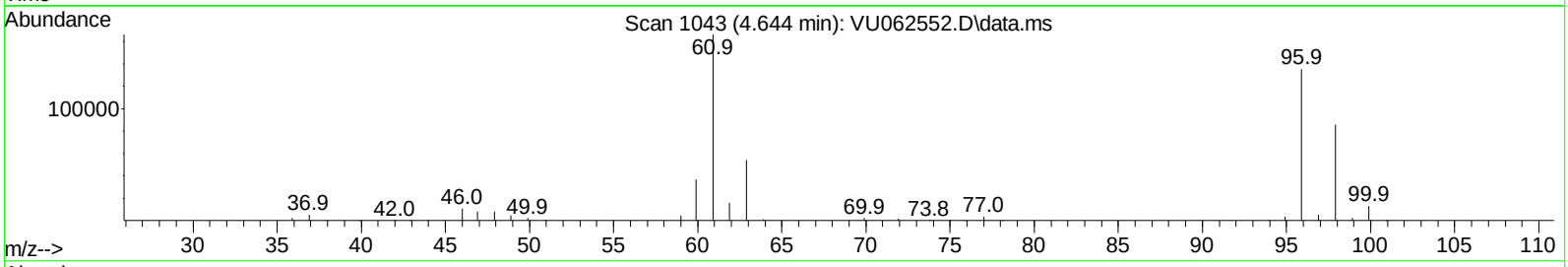

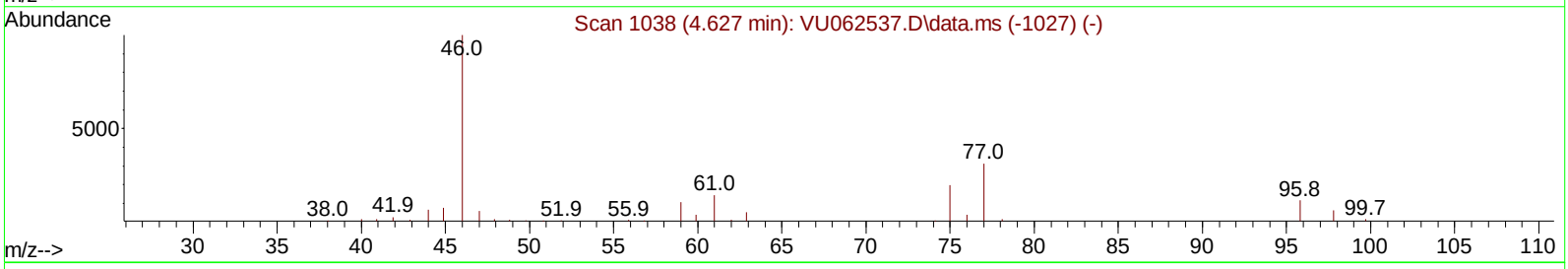

TIC: VU062552.D\data.ms

(20) 2-Butanone-d5 (S)

4.644min (+ 0.016) 39.38 ug/L m

response 61701

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	26.20	11.92#
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

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MSVOA_U
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Manual IntegrationsAPPROVED

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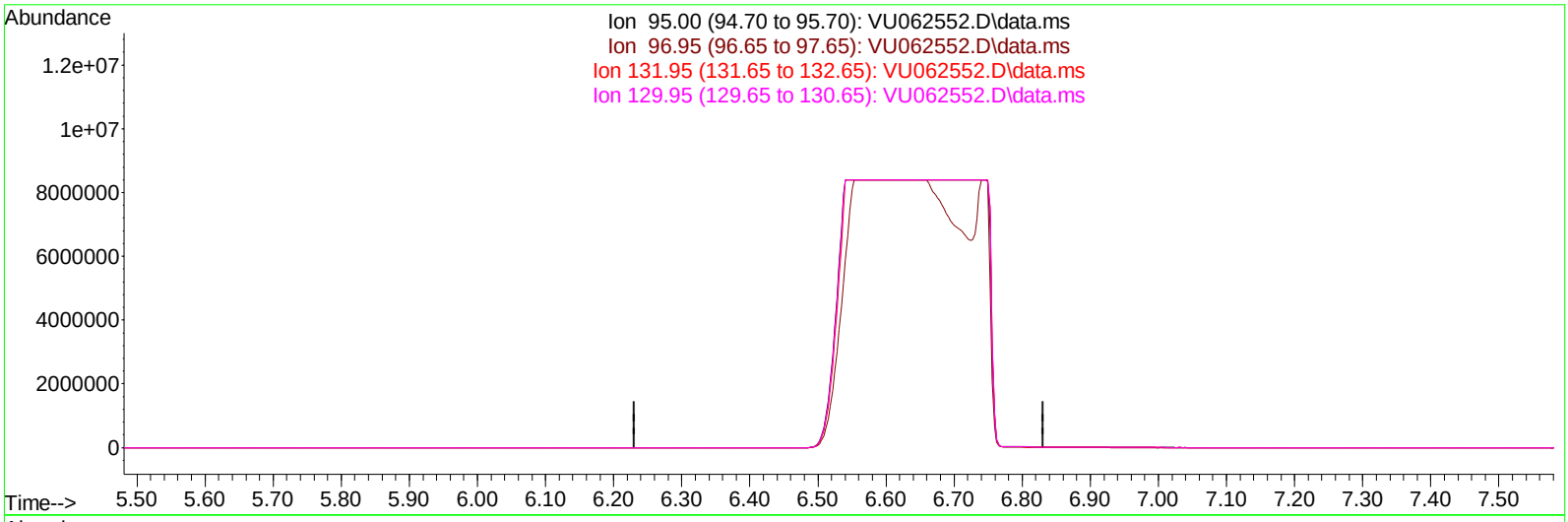

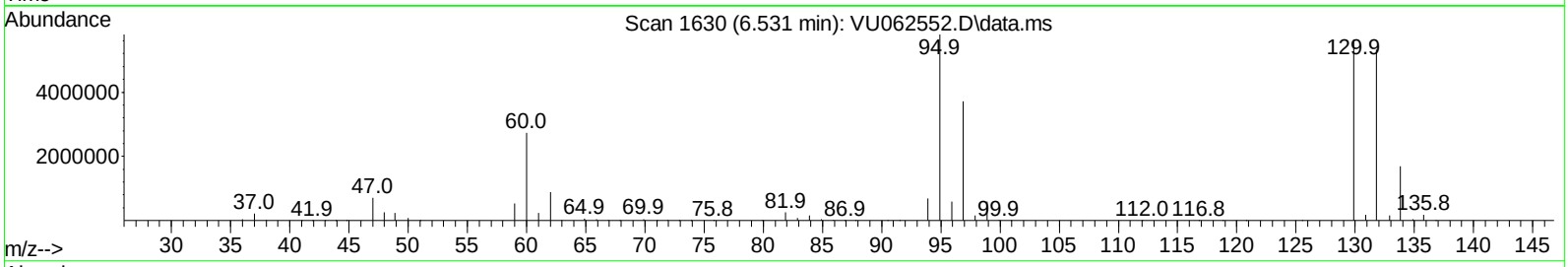

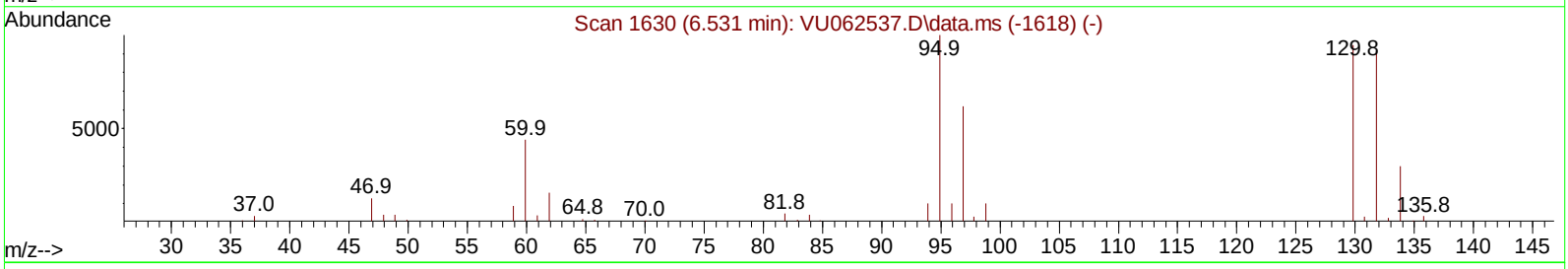

TIC: VU062552.D\data.ms

(34) Trichloroethene (T)

6.531min (-6.531) 0.00 ug/L

response 0

Ion	Exp%	Act%
95.00	100.00	0.00
96.95	65.60	0.00#
131.95	91.10	0.00#
129.95	93.60	0.00#

Quantitation Report (Qedit)

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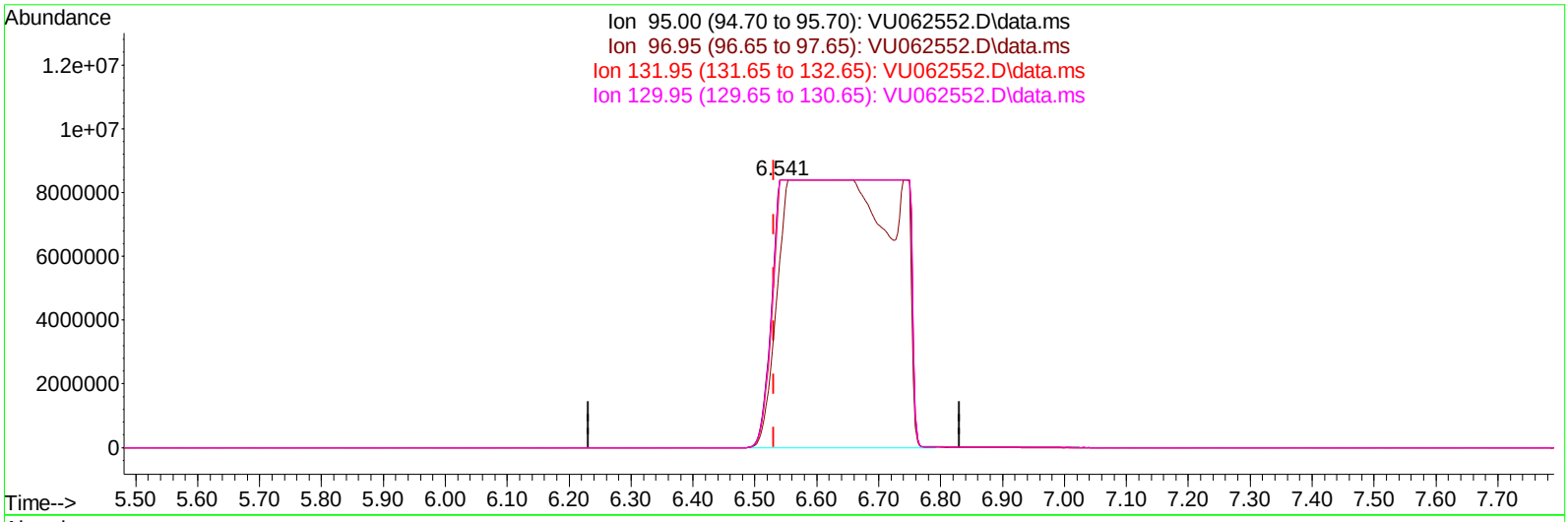

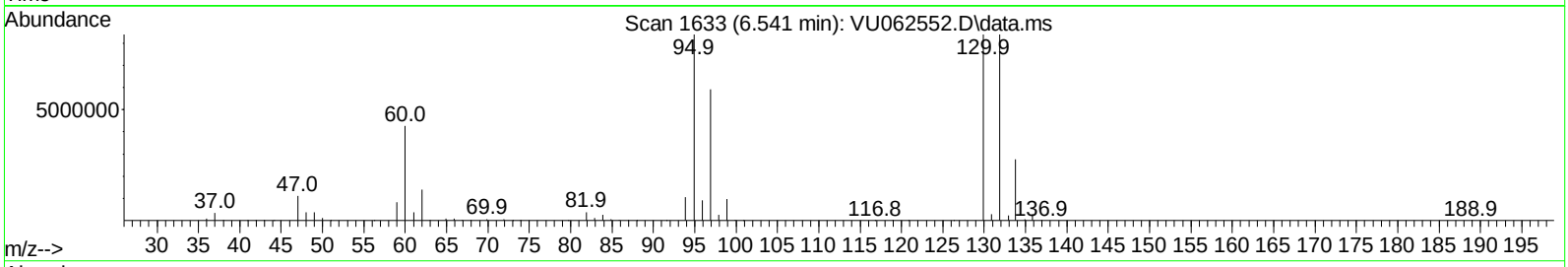

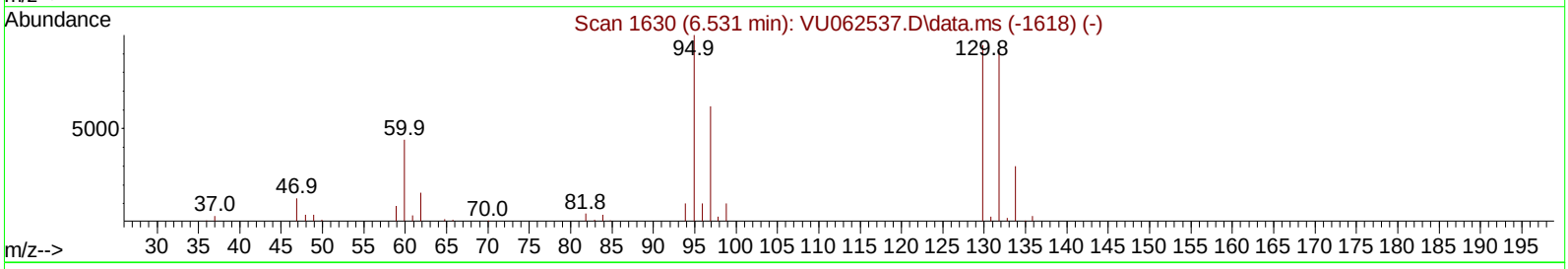

TIC: VU062552.D\data.ms

(34) Trichloroethene (T)

6.541min (+ 0.010) 10319.06 ug/L m

response 116293684

Ion	Exp%	Act%
95.00	100.00	100.00
96.95	65.60	70.41
131.95	91.10	100.00
129.95	93.60	100.00

Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122024\
Data File : VU062552.D
Acq On : 21 Dec 2024 04:09
Operator : MD/SY
Sample : P5344-09
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 46 Sample Multiplier: 1

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.258	114	121216m	5.000	ug/L	0.02
28) Chlorobenzene-d5	9.415	117	128382	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	65749	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	25909	3.169	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery =	63.400%		
7) Chloroethane-d5	1.907	69	22093	3.799	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery =	76.000%		
11) 1,1-Dichloroethene-d2	2.557	65	13545	3.482	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery =	69.600%		
20) 2-Butanone-d5	4.644	46	61701m	39.377	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery =	78.760%		
24) Chloroform-d	5.055	84	68754	3.885	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	77.800%		
26) 1,2-Dichloroethane-d4	5.705	65	38495	4.424	ug/L	0.01
Spiked Amount 5.000	Range 70 - 130		Recovery =	88.400%		
32) Benzene-d6	5.737	84	121900	3.297	ug/L	0.02
Spiked Amount 5.000	Range 70 - 125		Recovery =	66.000%#		
36) 1,2-Dichloropropane-d6	0.000	67	0d	0.000	ug/L	
Spiked Amount 5.000	Range 60 - 140		Recovery =	0.000%#		
41) Toluene-d8	7.904	98	134901	3.862	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery =	77.200%		
43) trans-1,3-Dichloroprop...	8.184	79	18981	4.076	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	81.600%		
46) 2-Hexanone-d5	8.634	63	49722	35.391	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	70.780%		
56) 1,1,2,2-Tetrachloroeth...	10.746	84	31570	3.835	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	76.600%		
66) 1,2-Dichlorobenzene-d4	12.187	152	49770	4.108	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	82.200%		
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	5405	0.583	ug/L	99
9) Trichlorofluoromethane	2.132	101	11140609	692.671	ug/L	98
12) 1,1-Dichloroethene	2.570	96	47005	5.743	ug/L	94
13) Acetone	2.653	43	5001	4.687	ug/L	87
16) Methylene chloride	3.036	84	57054	6.641	ug/L	88
18) trans-1,2-Dichloroethene	3.345	96	36990	4.399	ug/L	91
22) cis-1,2-Dichloroethene	4.653	96	482630	51.204	ug/L	94
25) Chloroform	5.078	83	76939	4.431	ug/L	100
27) 1,2-Dichloroethane	5.795	62	22668	2.055	ug/L	97
29) 1,1,1-Trichloroethane	5.319	97	13209	0.731	ug/L	99
31) Carbon tetrachloride	5.534	117	69719	4.210	ug/L	99
34) Trichloroethene	6.541	95	116293684m	10319.055	ug/L	
42) Toluene	7.975	91	344408	8.028	ug/L	97
45) 1,1,2-Trichloroethane	8.406	97	7560	1.034	ug/L #	66
47) Tetrachloroethene	8.576	164	17238533	1981.109	ug/L	86
51) Chlorobenzene	9.444	112	150172	5.463	ug/L	99
52) Ethylbenzene	9.569	91	40462	0.841	ug/L	99
53) m,p-Xylene	9.688	106	58904	3.317	ug/L	92

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	Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
54)	o-Xylene	10.094	106	174936	10.129	ug/L	96
60)	Isopropylbenzene	10.479	105	28067	0.591	ug/L	100
62)	1,3,5-Trimethylbenzene	11.081	105	37506	0.933	ug/L	99
63)	1,2,4-Trimethylbenzene	11.460	105	125798	3.194	ug/L	98

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

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