

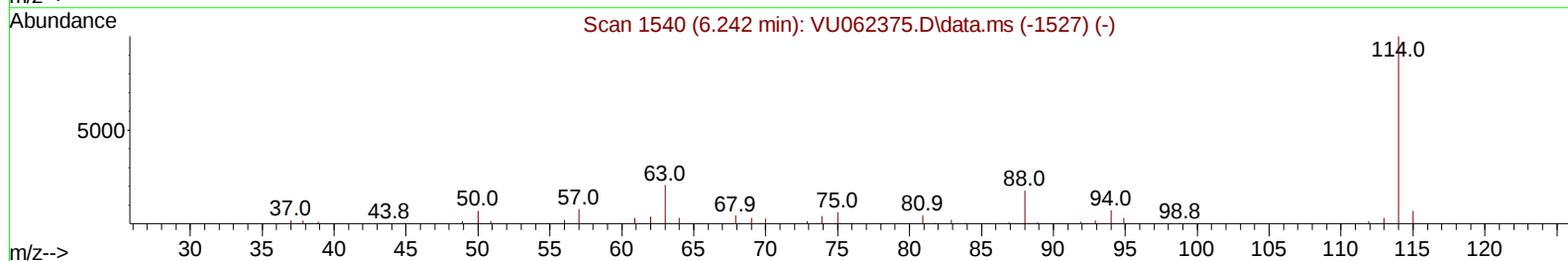
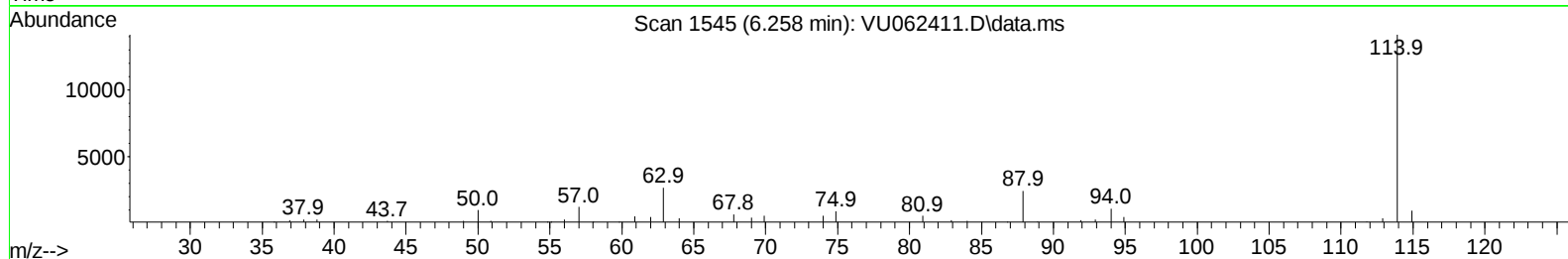
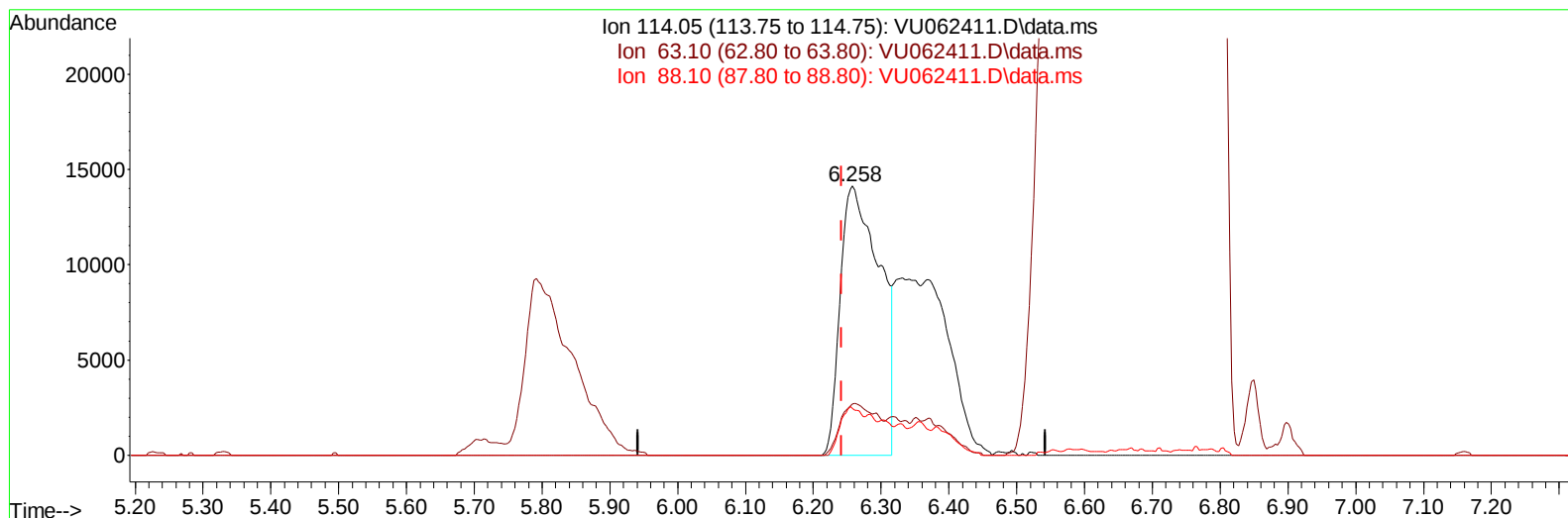
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
Data File : VU062411.D
Acq On : 18 Dec 2024 01:53
Operator : MD/SY
Sample : P5309-05
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CF5

Manual IntegrationsAPPROVED

Quant Time: Dec 18 06:39:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 18 01:12:26 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



TIC: VU062411.D\data.ms

(1) 1,4-Difluorobenzene (I)

6.258min (+ 0.016) 5.00 ug/L

response 57309

Ion	Exp%	Act%
114.05	100.00	100.00
63.10	21.70	17.27#
88.10	16.80	9.62#
0.00	0.00	0.00

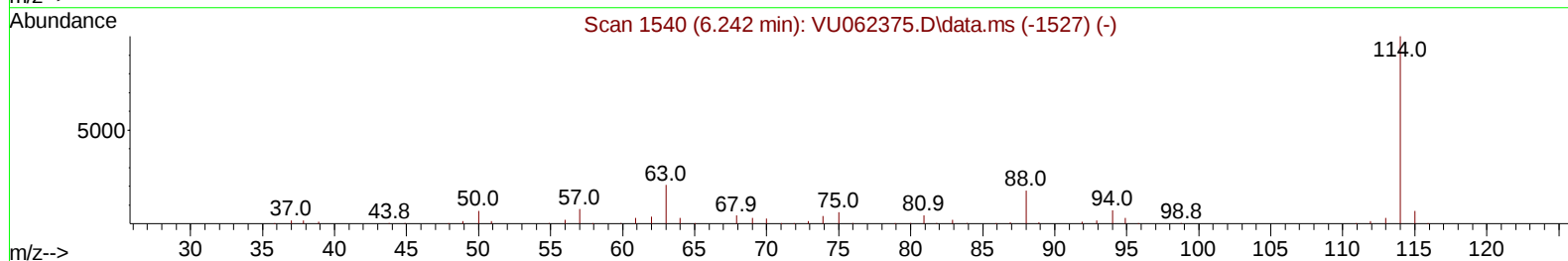
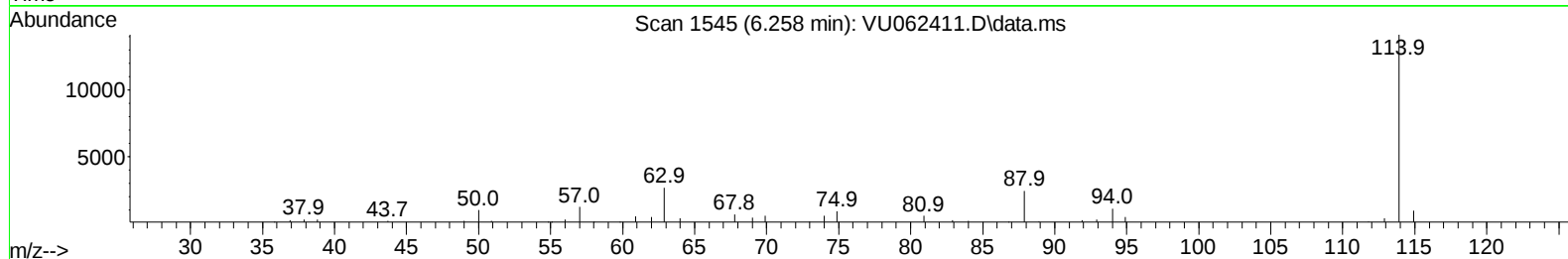
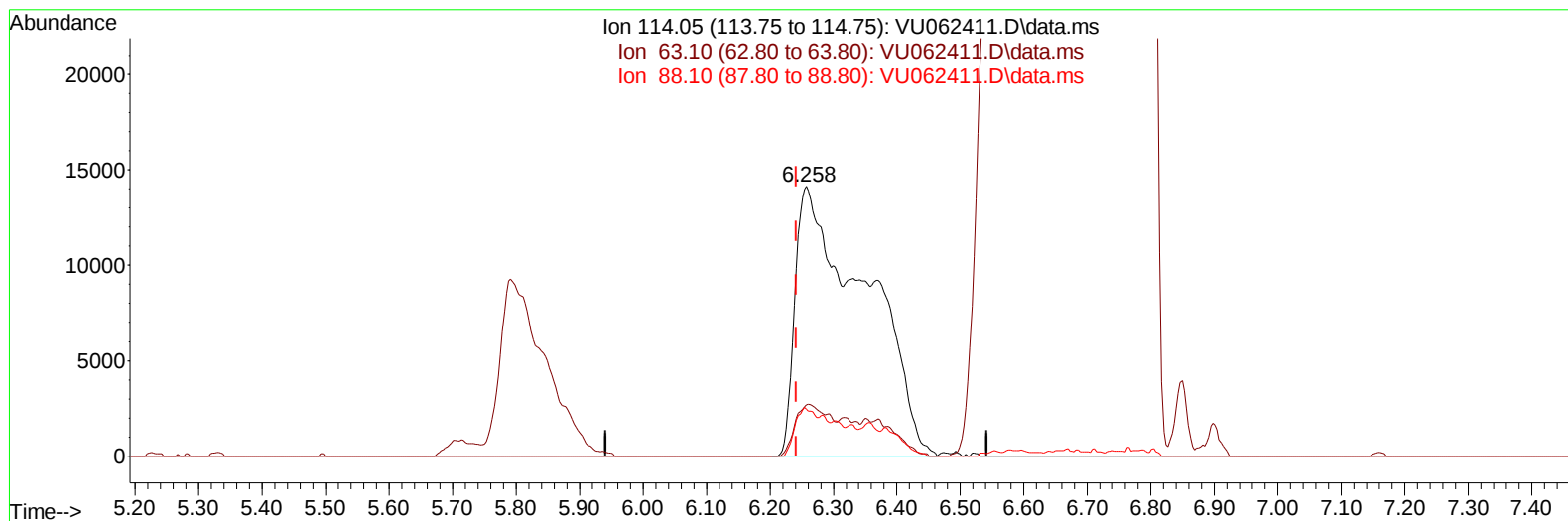
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
Data File : VU062411.D
Acq On : 18 Dec 2024 01:53
Operator : MD/SY
Sample : P5309-05
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CF5

Manual IntegrationsAPPROVED

Quant Time: Dec 18 06:39:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 18 01:12:26 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



TIC: VU062411.D\data.ms

(1) 1,4-Difluorobenzene (I)

6.258min (+ 0.016) 5.00 ug/L m

response 108411

Ion	Exp%	Act%
114.05	100.00	100.00
63.10	21.70	9.13#
88.10	16.80	5.09#
0.00	0.00	0.00

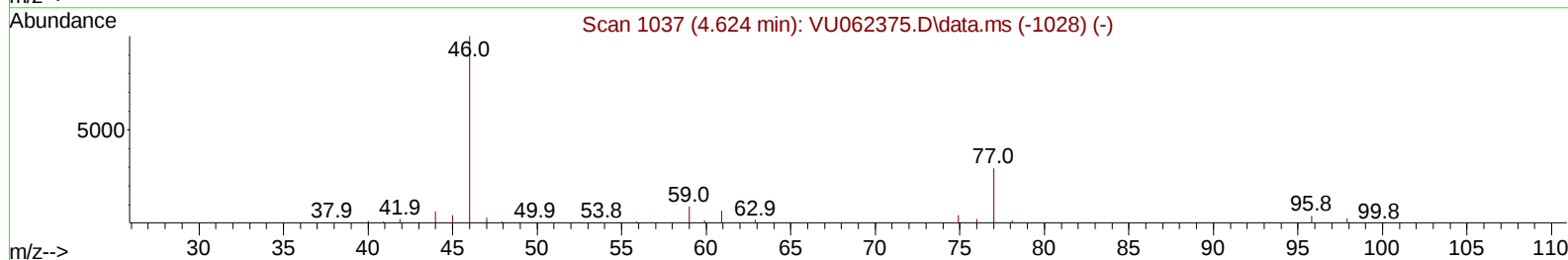
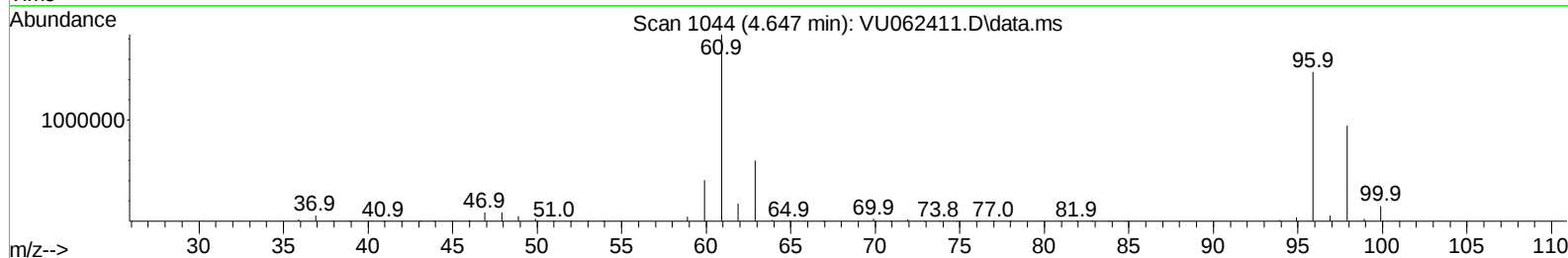
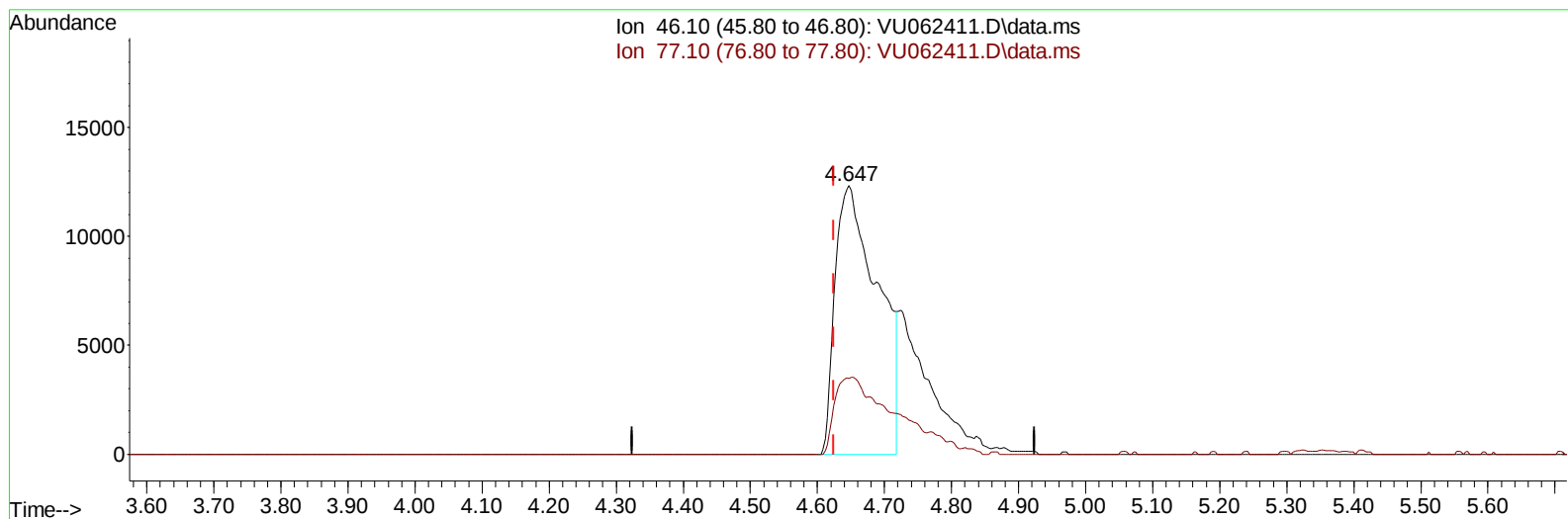
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
Data File : VU062411.D
Acq On : 18 Dec 2024 01:53
Operator : MD/SY
Sample : P5309-05
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CF5

Manual IntegrationsAPPROVED

Quant Time: Dec 18 06:39:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 18 01:12:26 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



TIC: VU062411.D\data.ms

(20) 2-Butanone-d5 (S)

4.647min (+ 0.023) 38.88 ug/L

response 54480

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	26.20	37.16#
0.00	0.00	0.00
0.00	0.00	0.00

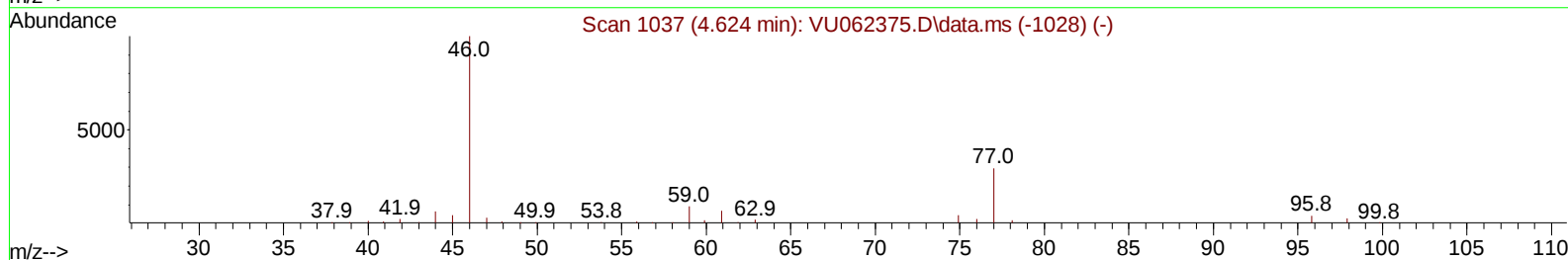
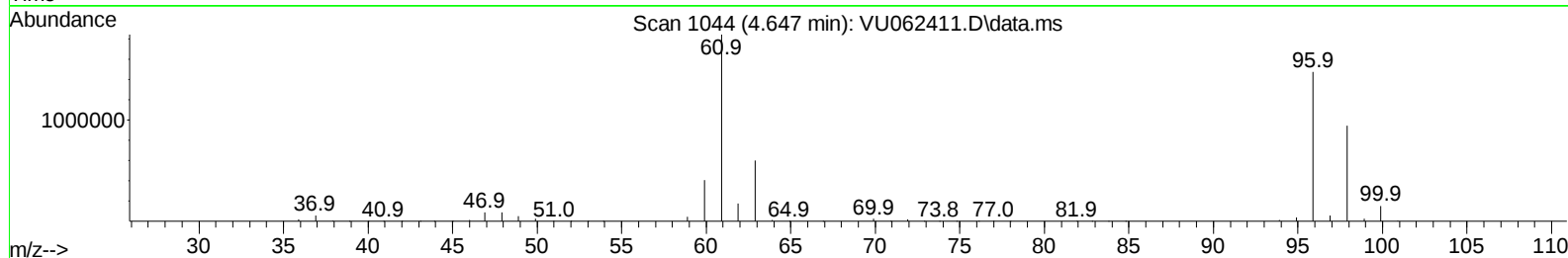
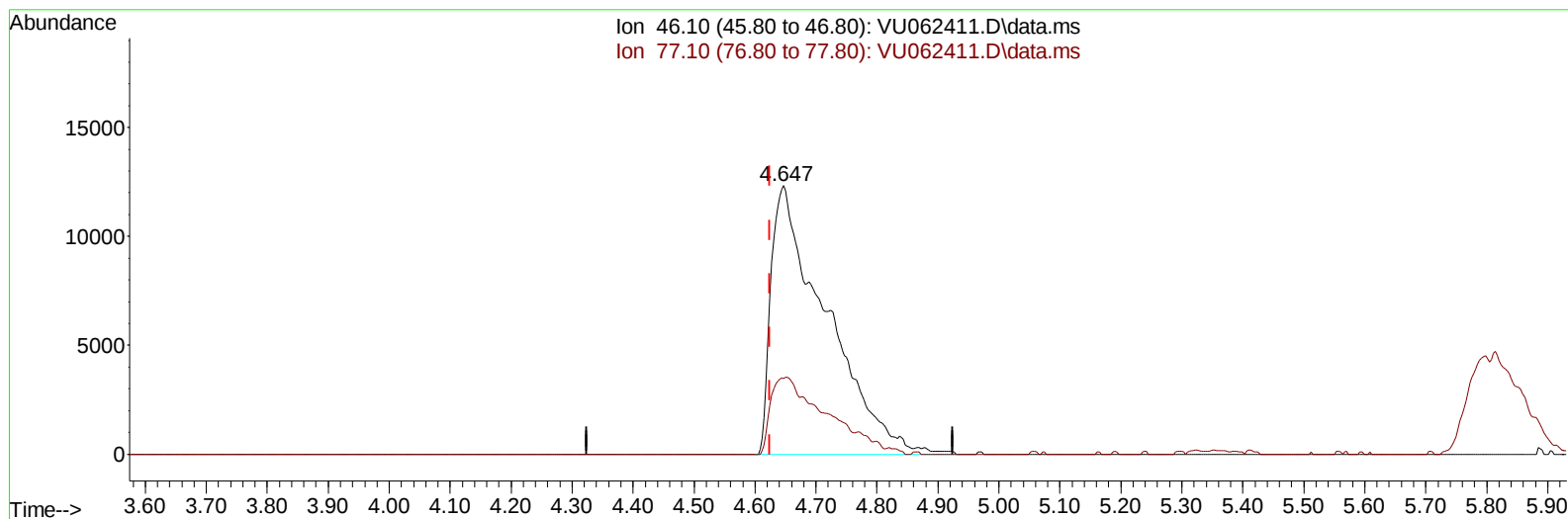
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
Data File : VU062411.D
Acq On : 18 Dec 2024 01:53
Operator : MD/SY
Sample : P5309-05
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CF5

Manual IntegrationsAPPROVED

Quant Time: Dec 18 06:39:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 18 01:12:26 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



TIC: VU062411.D\data.ms

(20) 2-Butanone-d5 (S)

4.647min (+ 0.023) 54.95 ug/L m

response 77012

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	26.20	26.29
0.00	0.00	0.00
0.00	0.00	0.00

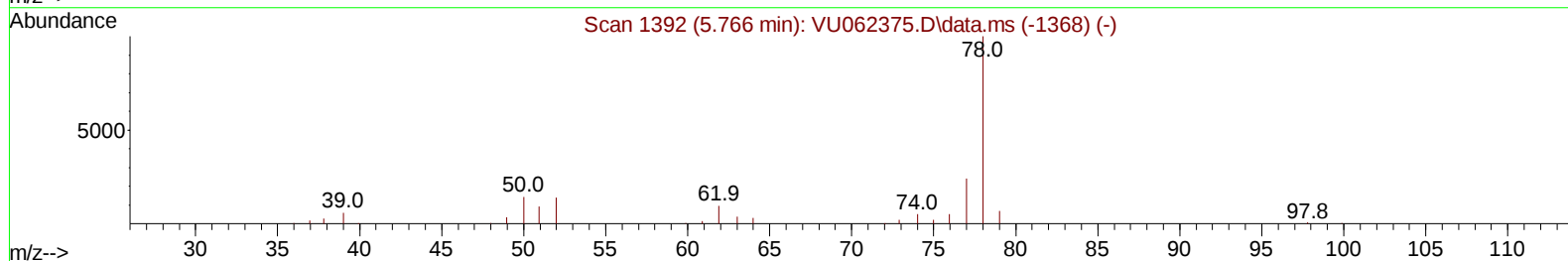
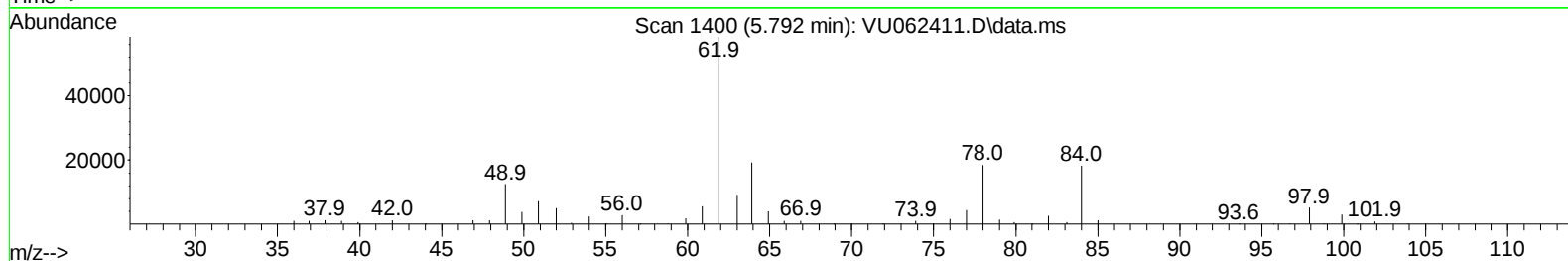
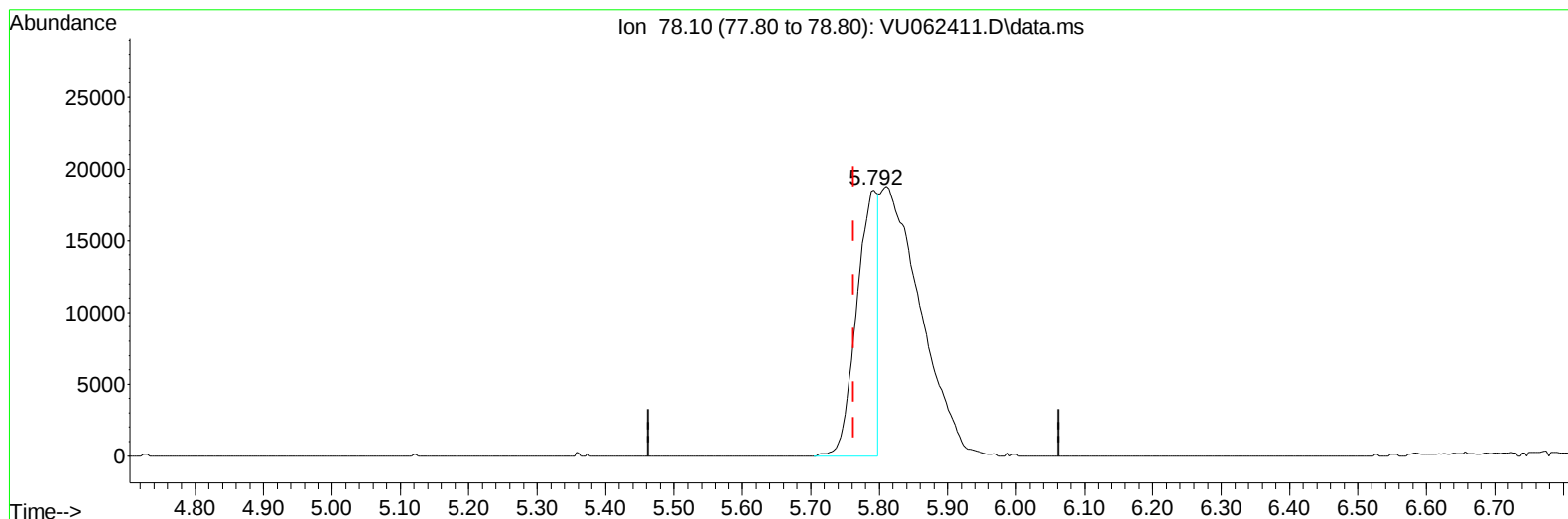
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
Data File : VU062411.D
Acq On : 18 Dec 2024 01:53
Operator : MD/SY
Sample : P5309-05
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CF5

Manual IntegrationsAPPROVED

Quant Time: Dec 18 06:39:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 18 01:12:26 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



TIC: VU062411.D\data.ms

(33) Benzene (T)

5.792min (+ 0.029) 1.14 ug/L

response 39832

Ion	Exp%	Act%
78.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

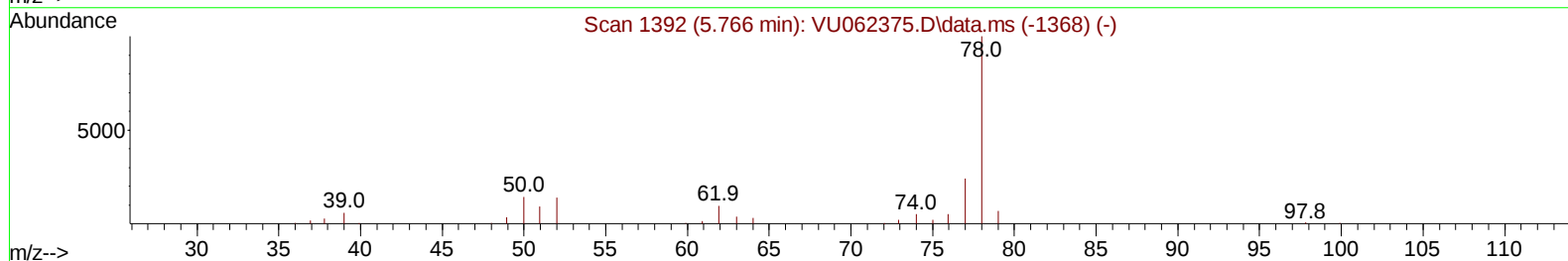
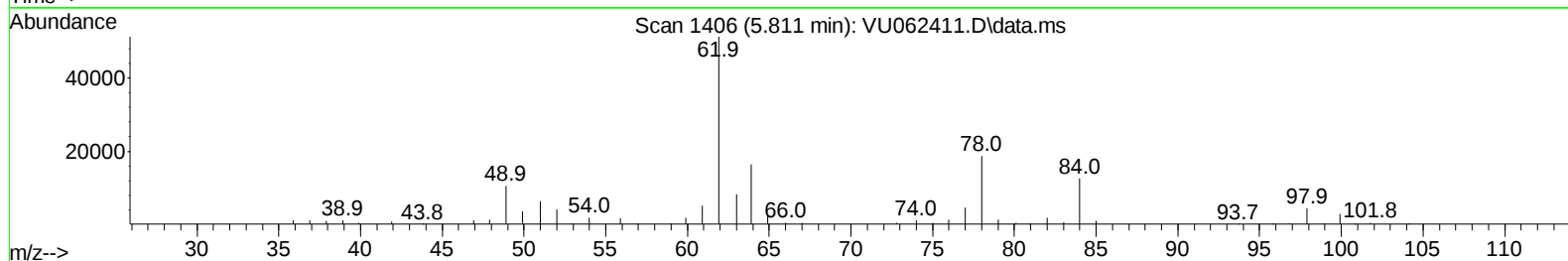
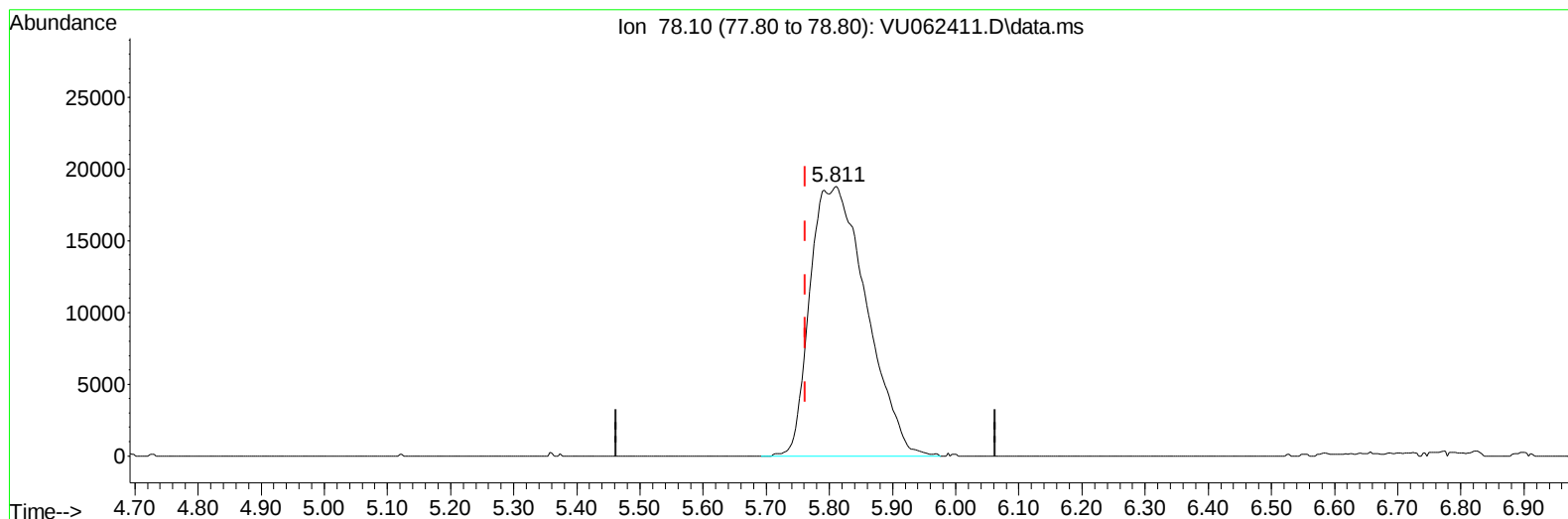
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
Data File : VU062411.D
Acq On : 18 Dec 2024 01:53
Operator : MD/SY
Sample : P5309-05
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CF5

Manual IntegrationsAPPROVED

Quant Time: Dec 18 06:39:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 18 01:12:26 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



TIC: VU062411.D\data.ms

(33) Benzene (T)

5.811min (+ 0.048) 3.33 ug/L m

response 116342

Ion	Exp%	Act%
78.10	100.00	100.00
0.00	0.00	0.00
0.00	0.00	0.00
0.00	0.00	0.00

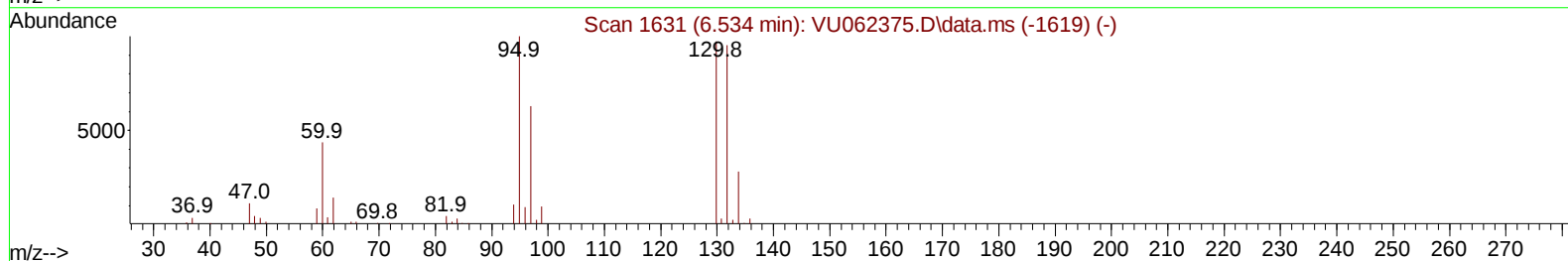
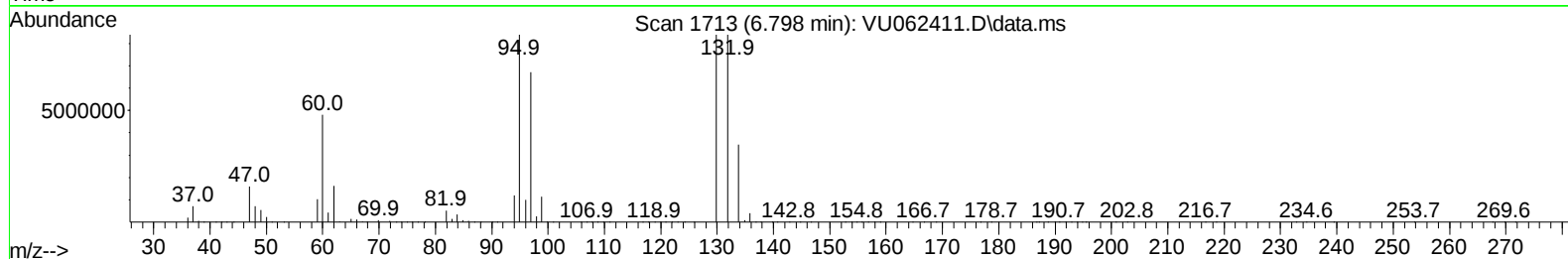
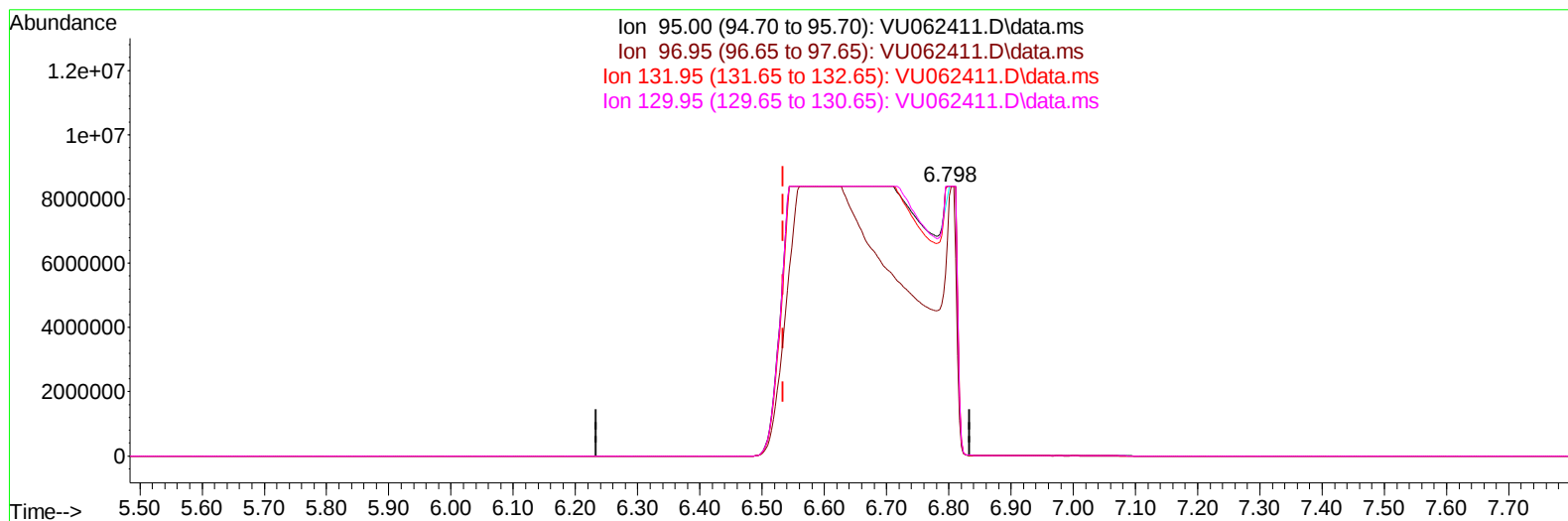
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
Data File : VU062411.D
Acq On : 18 Dec 2024 01:53
Operator : MD/SY
Sample : P5309-05
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CF5

Manual IntegrationsAPPROVED

Quant Time: Dec 18 06:39:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 18 01:12:26 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024



TIC: VU062411.D\data.ms

(34) Trichloroethene (T)

6.798min (+ 0.264) 36.52 ug/L

response 361099

Ion	Exp%	Act%
95.00	100.00	100.00
96.95	65.60	79.95
131.95	91.10	100.00
129.95	93.60	100.00

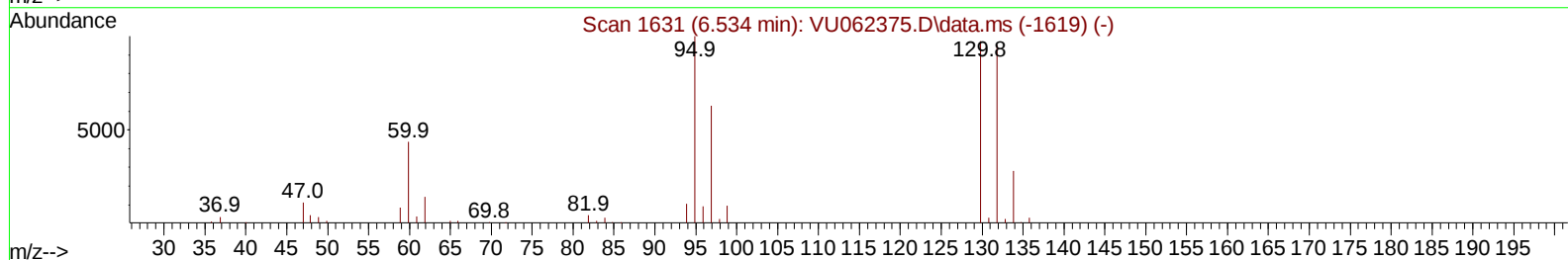
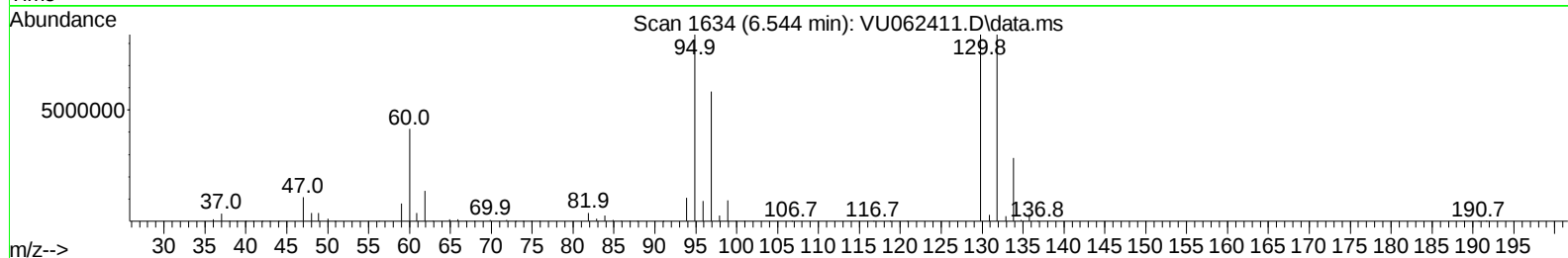
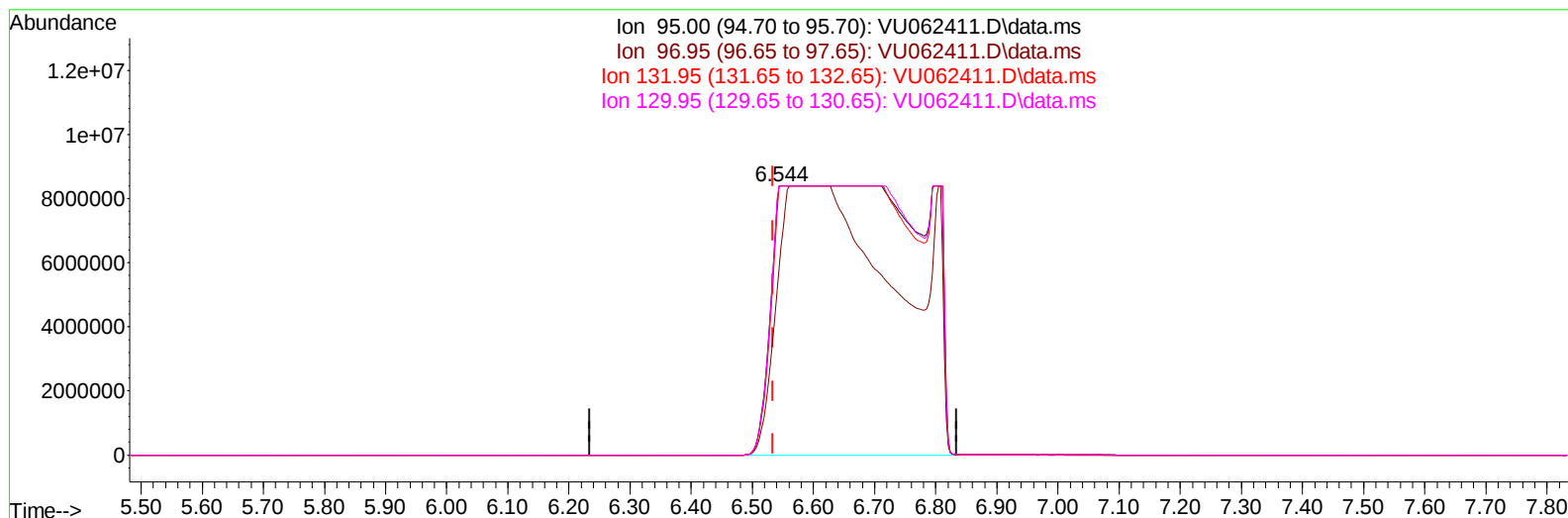
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
 Data File : VU062411.D
 Acq On : 18 Dec 2024 01:53
 Operator : MD/SY
 Sample : P5309-05
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CF5

Manual IntegrationsAPPROVED

Quant Time: Dec 18 06:39:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 18 01:12:26 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024



TIC: VU062411.D\data.ms

(34) Trichloroethene (T)

6.544min (+ 0.010) 14196.57 ug/L m

response 140385731

Ion	Exp%	Act%
95.00	100.00	100.00
96.95	65.60	69.56
131.95	91.10	100.00
129.95	93.60	100.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
 Data File : VU062411.D
 Acq On : 18 Dec 2024 01:53
 Operator : MD/SY
 Sample : P5309-05
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0CF5

Manual IntegrationsAPPROVED

Quant Time: Dec 18 06:39:45 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Dec 18 01:12:26 2024
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/18/2024
 Supervised By :Semsettin Yesilyurt 12/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.258	114	108411m	5.000	ug/L	0.02
28) Chlorobenzene-d5	9.418	117	112649	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62450	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	28758	3.933	ug/L	0.00
Spiked Amount 5.000	Range 40	- 130	Recovery	=	78.600%	
7) Chloroethane-d5	1.908	69	22637	4.352	ug/L	0.00
Spiked Amount 5.000	Range 65	- 130	Recovery	=	87.000%	
11) 1,1-Dichloroethene-d2	2.567	65	14626	4.204	ug/L	0.00
Spiked Amount 5.000	Range 60	- 125	Recovery	=	84.000%	
20) 2-Butanone-d5	4.647	46	77012m	54.953	ug/L	0.02
Spiked Amount 50.000	Range 40	- 130	Recovery	=	109.900%	
24) Chloroform-d	5.062	84	72731	4.596	ug/L	0.00
Spiked Amount 5.000	Range 70	- 125	Recovery	=	92.000%	
26) 1,2-Dichloroethane-d4	5.708	65	35605	4.575	ug/L	0.02
Spiked Amount 5.000	Range 70	- 130	Recovery	=	91.600%	
32) Benzene-d6	5.750	84	136582	4.210	ug/L	0.03
Spiked Amount 5.000	Range 70	- 125	Recovery	=	84.200%	
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	7.914	98	144081	4.701	ug/L	0.02
Spiked Amount 5.000	Range 70	- 130	Recovery	=	94.000%	
43) trans-1,3-Dichloroprop...	8.190	79	21091	5.162	ug/L	0.02
Spiked Amount 5.000	Range 55	- 130	Recovery	=	103.200%	
46) 2-Hexanone-d5	8.640	63	65415	53.064	ug/L	0.02
Spiked Amount 50.000	Range 45	- 130	Recovery	=	106.120%	
56) 1,1,2,2-Tetrachloroeth...	10.753	84	37028	5.126	ug/L	0.00
Spiked Amount 5.000	Range 65	- 120	Recovery	=	102.600%	
66) 1,2-Dichlorobenzene-d4	12.187	152	59169	5.142	ug/L	0.00
Spiked Amount 5.000	Range 80	- 120	Recovery	=	102.800%	
Target Compounds						
					Qvalue	
5) Vinyl chloride	1.599	62	113873	13.740	ug/L	98
9) Trichlorofluoromethane	2.136	101	160861	11.183	ug/L	97
12) 1,1-Dichloroethene	2.576	96	165500	22.610	ug/L	86
13) Acetone	2.657	43	13394	14.037	ug/L	94
14) Carbon disulfide	2.792	76	10414	0.450	ug/L	98
16) Methylene chloride	3.039	84	2791171	363.249	ug/L	89
18) trans-1,2-Dichloroethene	3.351	96	357051	47.476	ug/L	91
19) 1,1-Dichloroethane	3.872	63	66654	4.835	ug/L	97
22) cis-1,2-Dichloroethene	4.666	96	8221087	975.235	ug/L	94
25) Chloroform	5.081	83	9994	0.644	ug/L	94
27) 1,2-Dichloroethane	5.795	62	269224	27.284	ug/L	99
33) Benzene	5.811	78	116342m	3.333	ug/L	
34) Trichloroethene	6.544	95	140385731m	14196.575	ug/L	
40) 4-Methyl-2-pentanone	7.804	43	113206	28.413	ug/L #	90
42) Toluene	7.984	91	4550829	120.893	ug/L	97
47) Tetrachloroethene	8.563	164	1631147	213.638	ug/L	96
51) Chlorobenzene	9.451	112	47258	1.959	ug/L	97
52) Ethylbenzene	9.573	91	66715	1.581	ug/L	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
Data File : VU062411.D
Acq On : 18 Dec 2024 01:53
Operator : MD/SY
Sample : P5309-05
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CF5

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

Quant Time: Dec 18 06:39:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 18 01:12:26 2024
Response via : Initial Calibration

Compound	R.T.	Q	Ion	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	9.692	106		86420	5.546	ug/L	98
54) o-Xylene	10.100	106		31279	2.064	ug/L	97
60) Isopropylbenzene	10.483	105		8490	0.188	ug/L	96
62) 1,3,5-Trimethylbenzene	11.084	105		19189	0.503	ug/L	100
63) 1,2,4-Trimethylbenzene	11.463	105		57642	1.541	ug/L	97

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

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121724\
Data File : VU062411.D
Acq On : 18 Dec 2024 01:53
Operator : MD/SY
Sample : P5309-05
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CF5

Manual IntegrationsAPPROVED

Quant Time: Dec 18 06:39:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Dec 18 01:12:26 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 12/18/2024
Supervised By :Semsettin Yesilyurt 12/18/2024

