

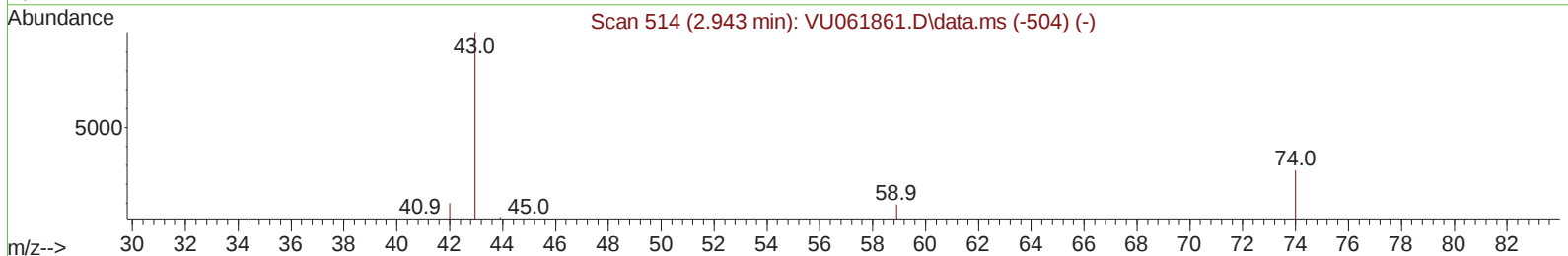
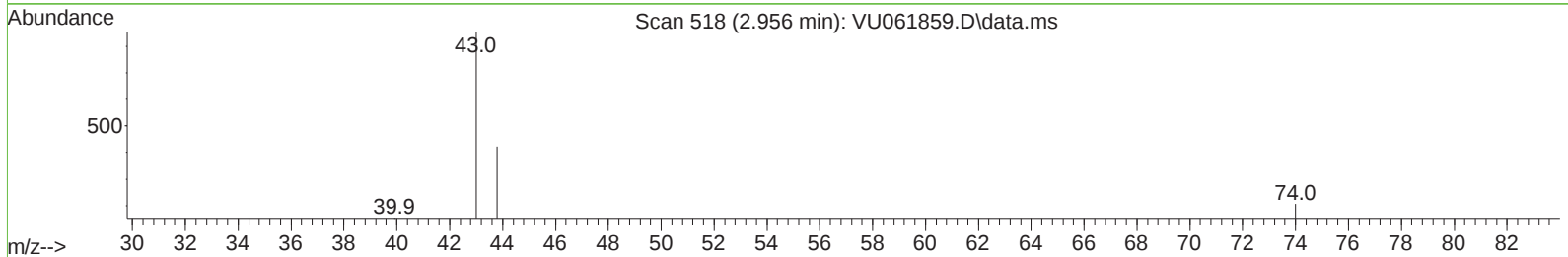
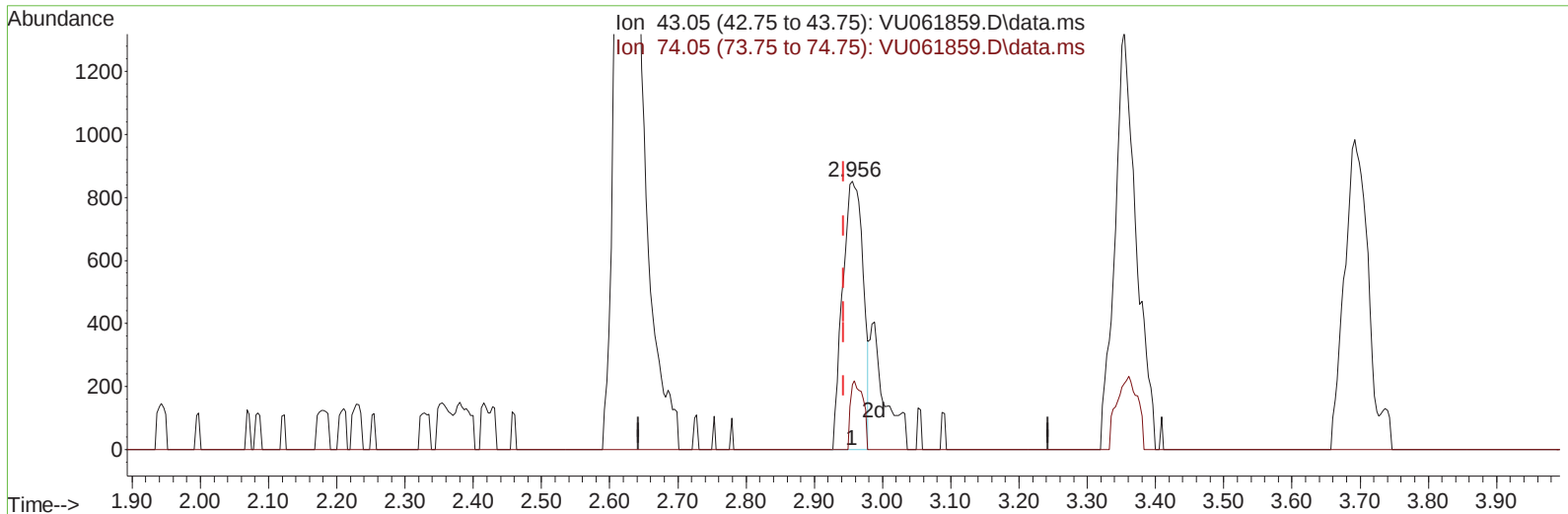
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
Data File : VU061859.D
Acq On : 20 Nov 2024 11:20
Operator : MD/SY
Sample : VSTD0.550
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5050

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

Quant Time: Nov 21 00:30:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 21 00:29:33 2024
Response via : Initial Calibration



TIC: VU061859.D\data.ms

(15) Methyl Acetate (T)

2.956min (+ 0.013) 0.39 ug/L

response 1786

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	24.30	15.23#
0.00	0.00	0.00
0.00	0.00	0.00

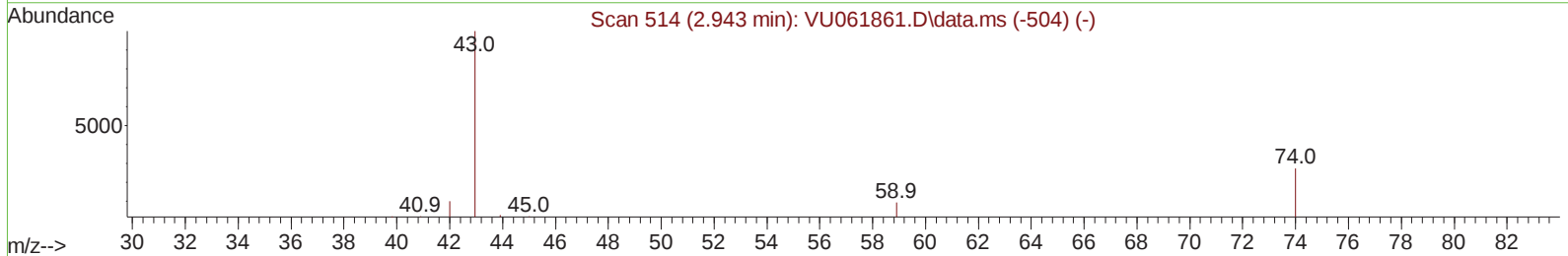
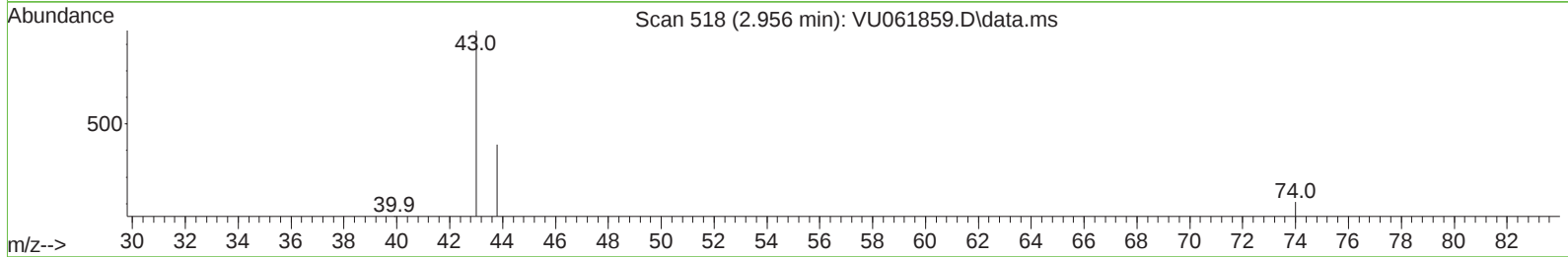
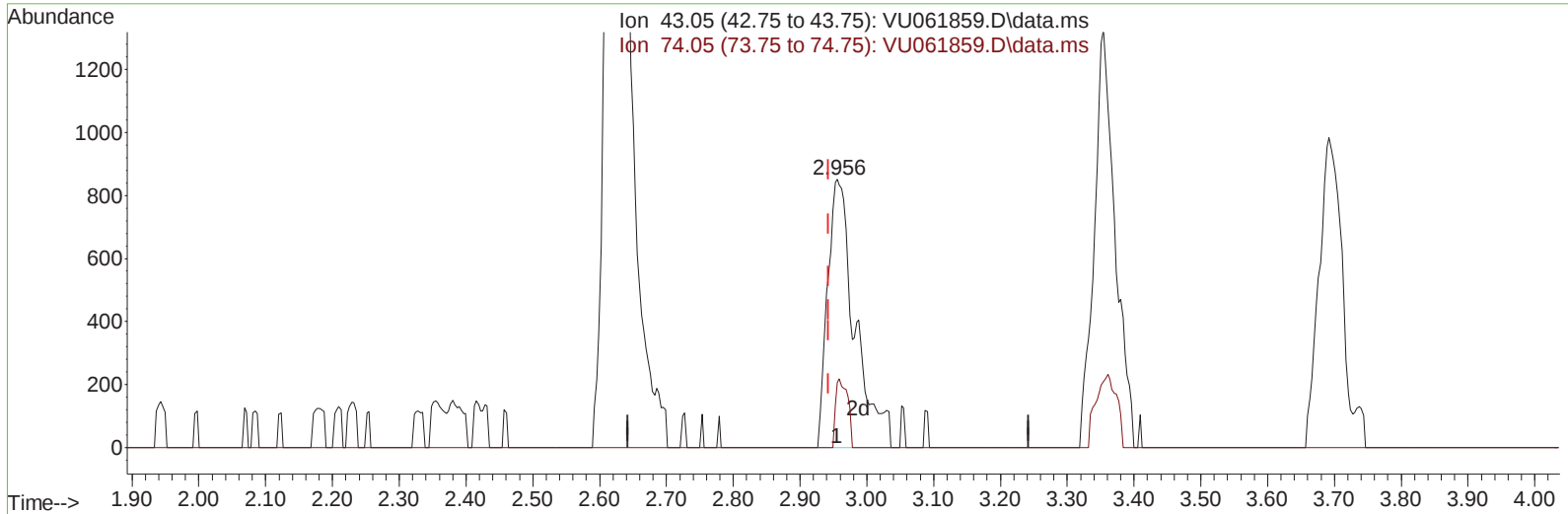
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061859.D
 Acq On : 20 Nov 2024 11:20
 Operator : MD/SY
 Sample : VSTD0.550
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5050

Manual IntegrationsAPPROVED

Quant Time: Nov 21 00:30:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 00:29:33 2024
 Response via : Initial Calibration

Reviewed By :Romaben Patel 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024



TIC: VU061859.D\data.ms

(15) Methyl Acetate (T)

2.956min (+ 0.013) 0.52 ug/L m

response 2415

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	24.30	11.26#
0.00	0.00	0.00
0.00	0.00	0.00

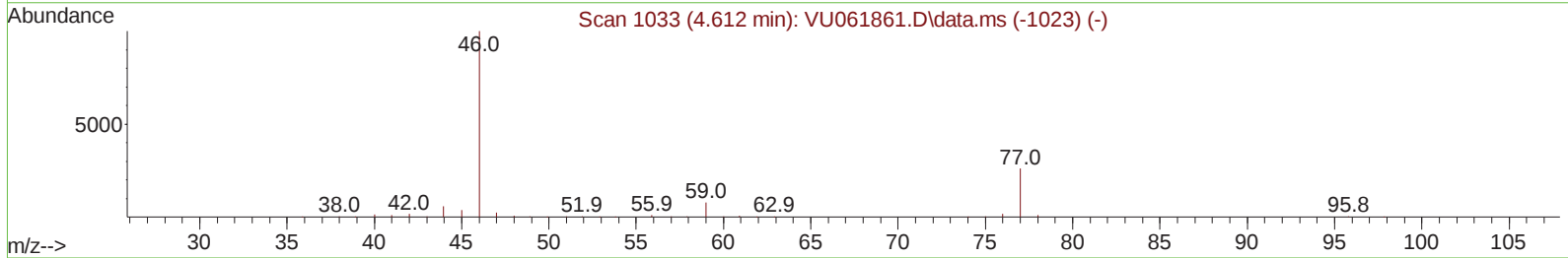
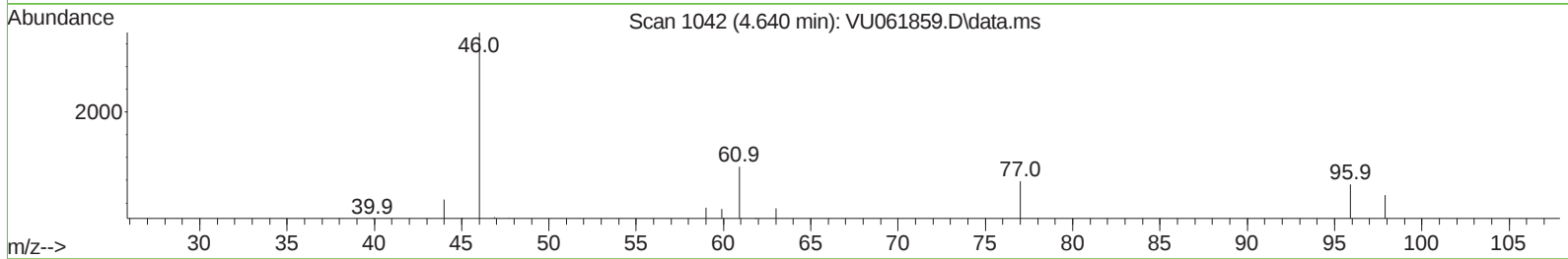
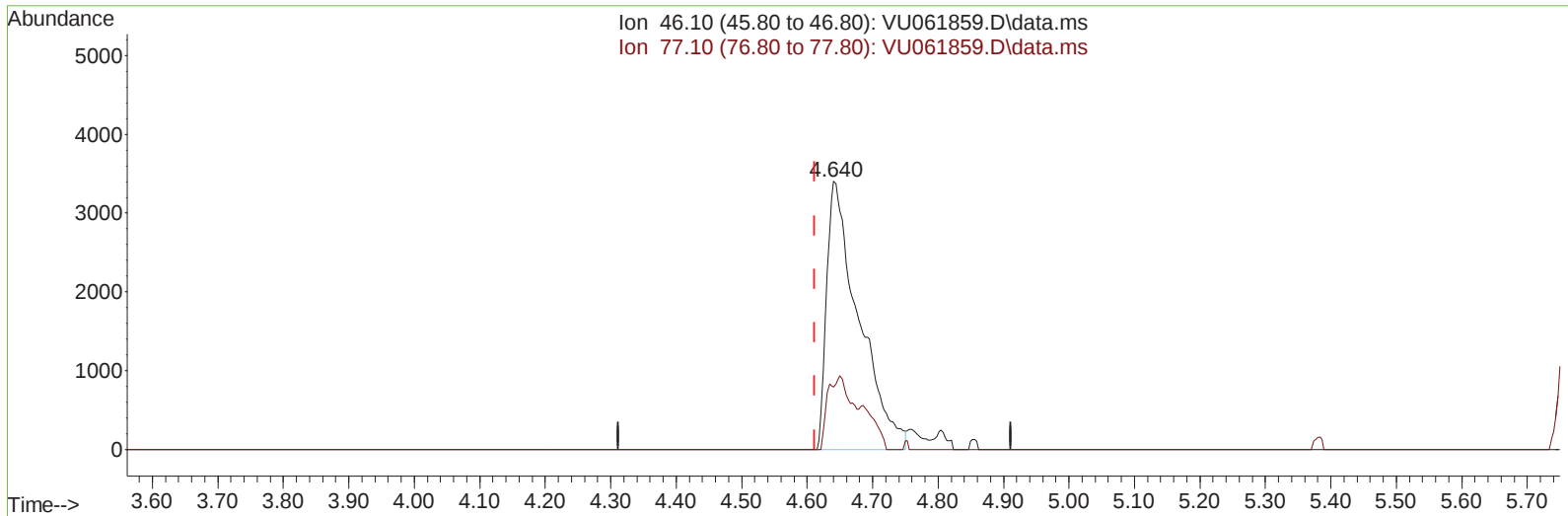
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
Data File : VU061859.D
Acq On : 20 Nov 2024 11:20
Operator : MD/SY
Sample : VSTD0.550
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5050

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

Quant Time: Nov 21 00:30:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 21 00:29:33 2024
Response via : Initial Calibration



TIC: VU061859.D\data.ms

(20) 2-Butanone-d5 (S)

4.640min (+ 0.029) 3.96 ug/L

response 11511

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	26.20	20.57
0.00	0.00	0.00
0.00	0.00	0.00

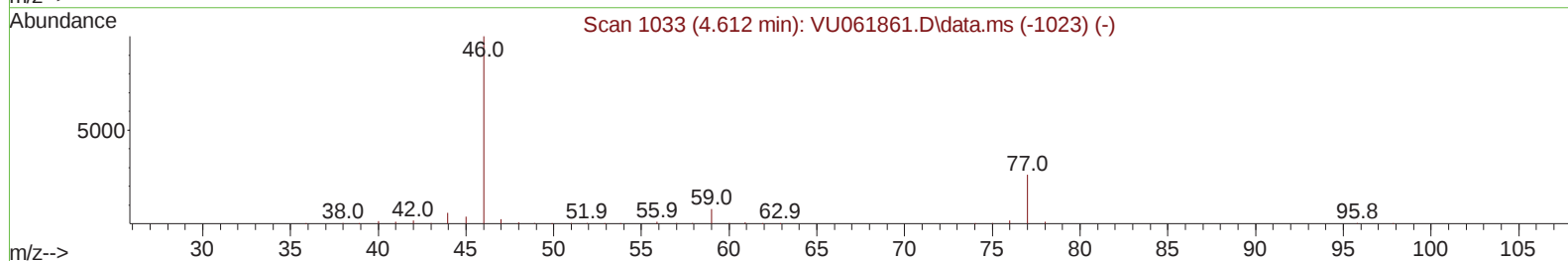
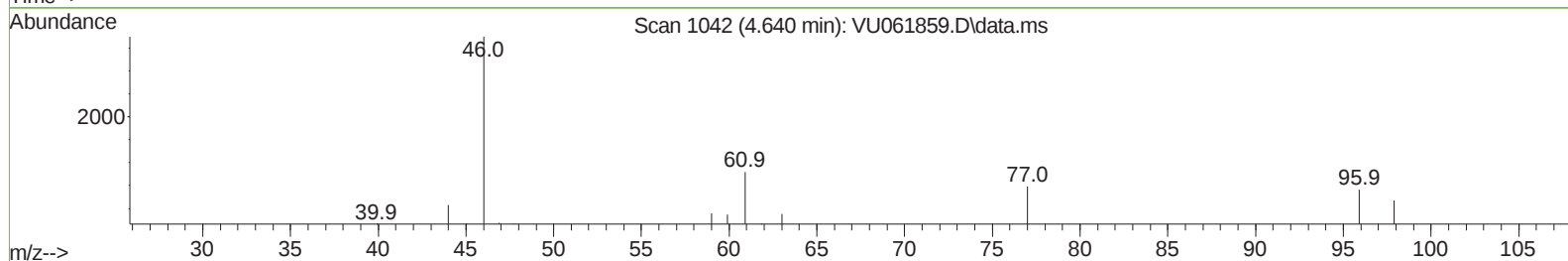
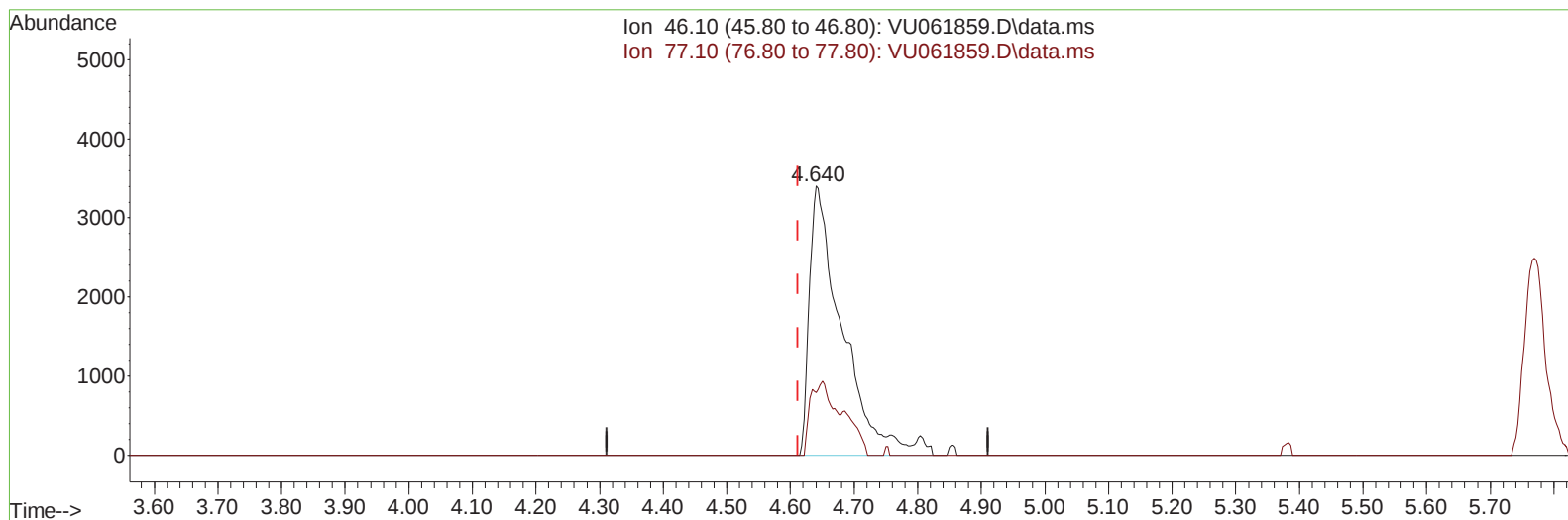
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
Data File : VU061859.D
Acq On : 20 Nov 2024 11:20
Operator : MD/SY
Sample : VSTD0.550
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5050

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

Quant Time: Nov 21 00:30:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 21 00:29:33 2024
Response via : Initial Calibration



TIC: VU061859.D\data.ms

(20) 2-Butanone-d5 (S)

4.640min (+ 0.029) 4.21 ug/L m

response 12240

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	26.20	19.35
0.00	0.00	0.00
0.00	0.00	0.00

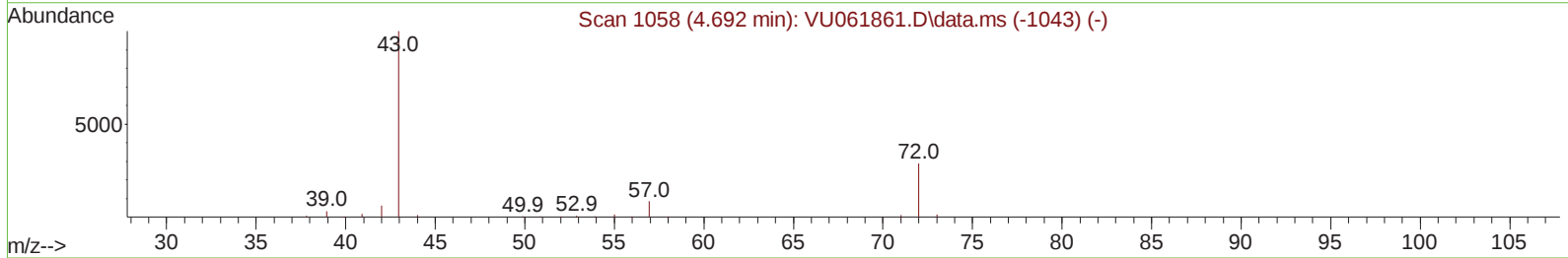
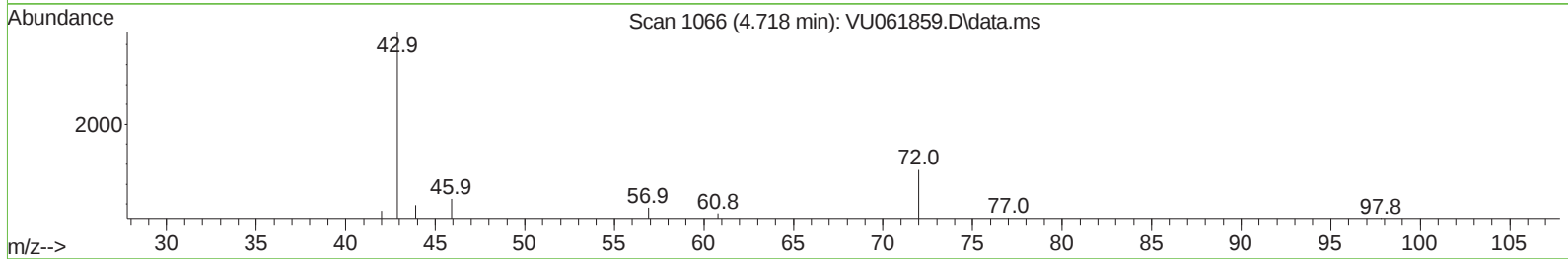
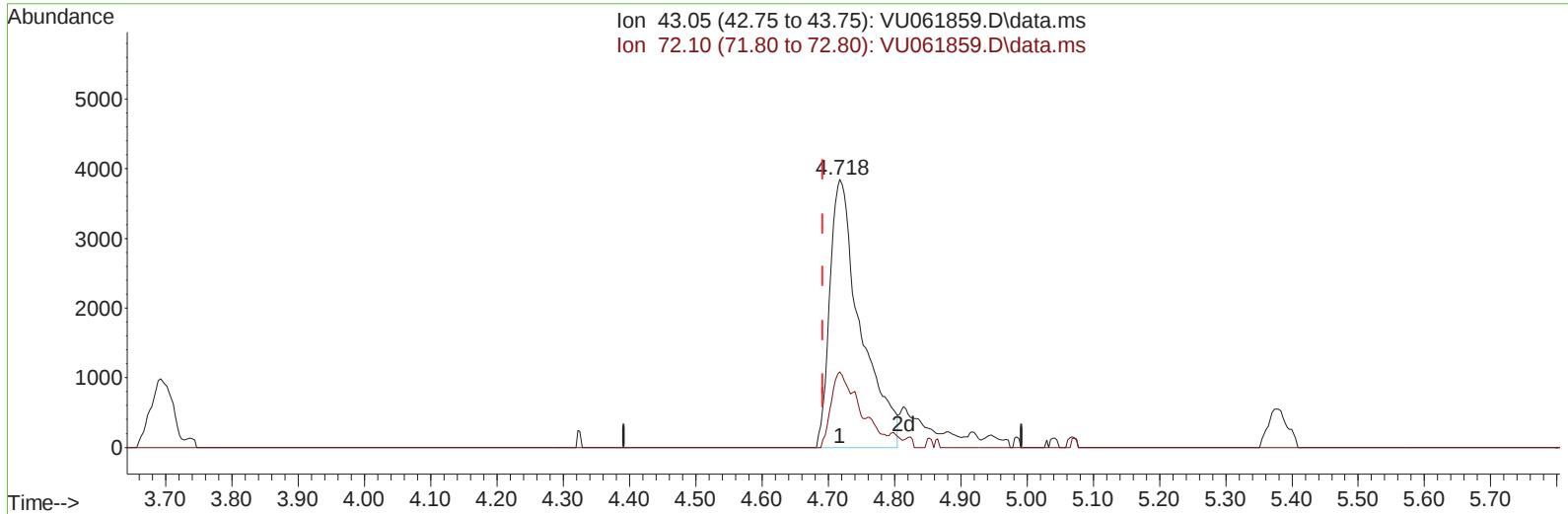
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061859.D
 Acq On : 20 Nov 2024 11:20
 Operator : MD/SY
 Sample : VSTD0.550
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5050

Manual IntegrationsAPPROVED

Quant Time: Nov 21 00:30:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 00:29:33 2024
 Response via : Initial Calibration

Reviewed By :Romaben Patel 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024



TIC: VU061859.D\data.ms

(21) 2-Butanone (T)

4.718min (+ 0.026) 4.02 ug/L

response 12332

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	29.60	22.37
0.00	0.00	0.00
0.00	0.00	0.00

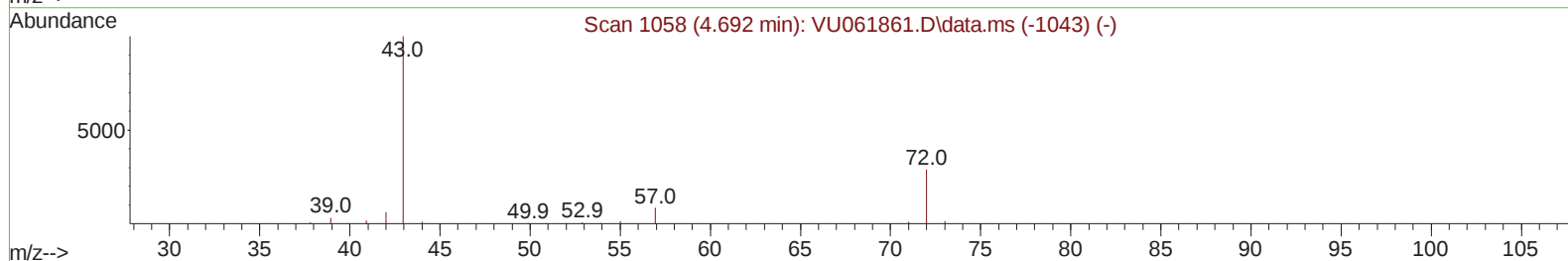
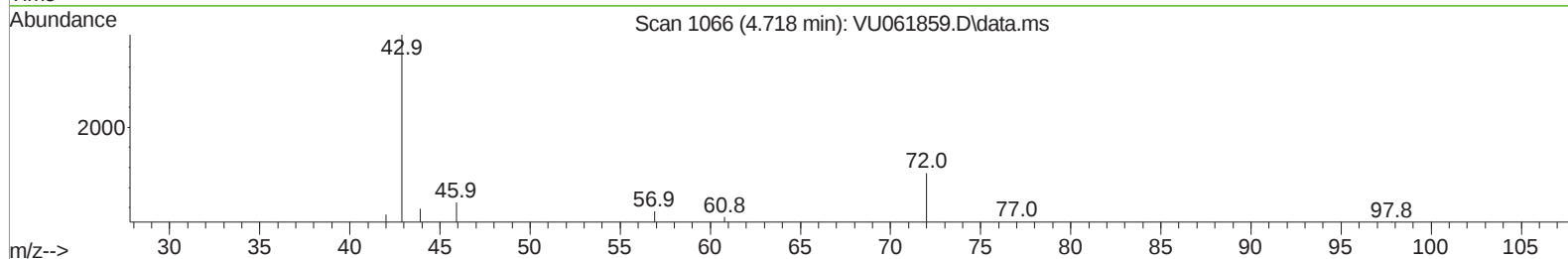
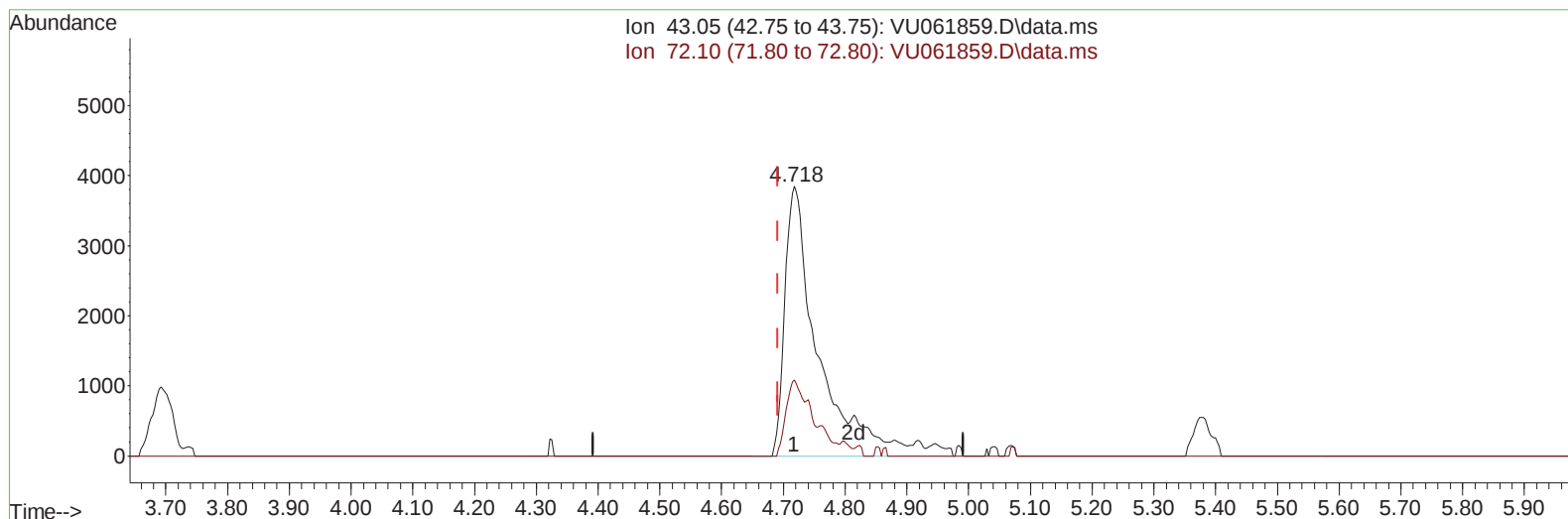
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
Data File : VU061859.D
Acq On : 20 Nov 2024 11:20
Operator : MD/SY
Sample : VSTD0.550
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD0.5050

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 11/21/2024
Supervised By :Mahesh Dadoda 11/21/2024

Quant Time: Nov 21 00:30:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 21 00:29:33 2024
Response via : Initial Calibration



TIC: VU061859.D\data.ms

(21) 2-Butanone (T)

4.718min (+ 0.026) 4.80 ug/L m

response 14715

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	29.60	18.75
0.00	0.00	0.00
0.00	0.00	0.00

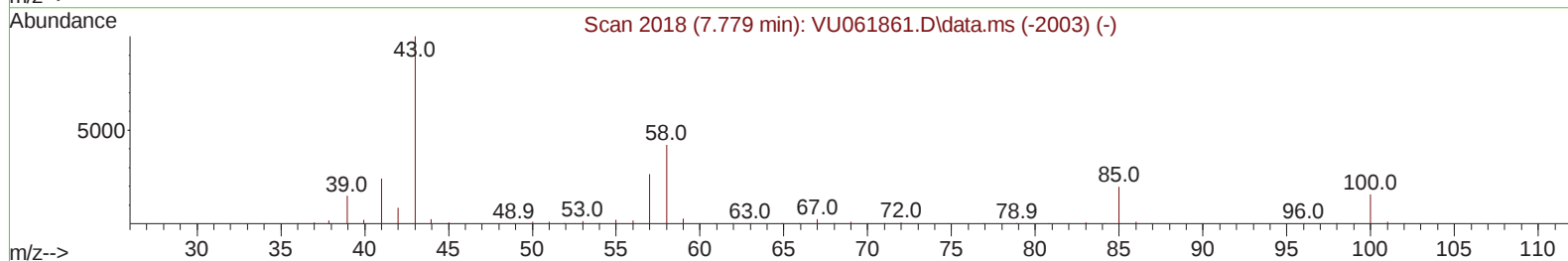
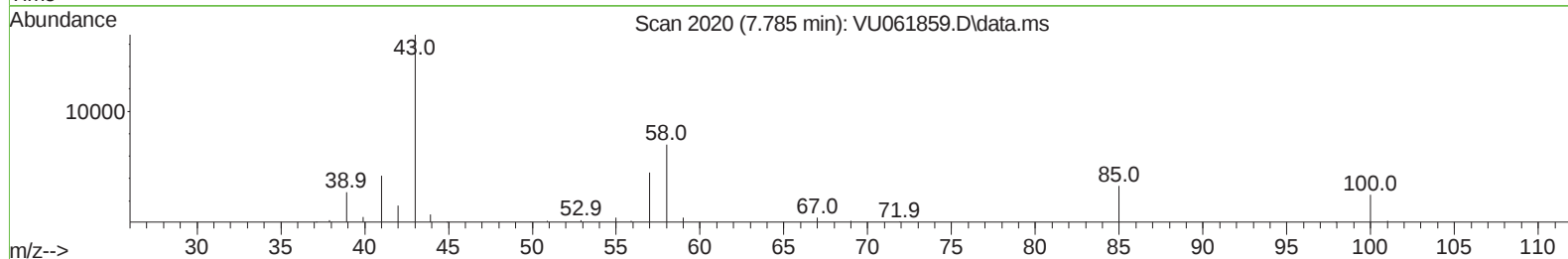
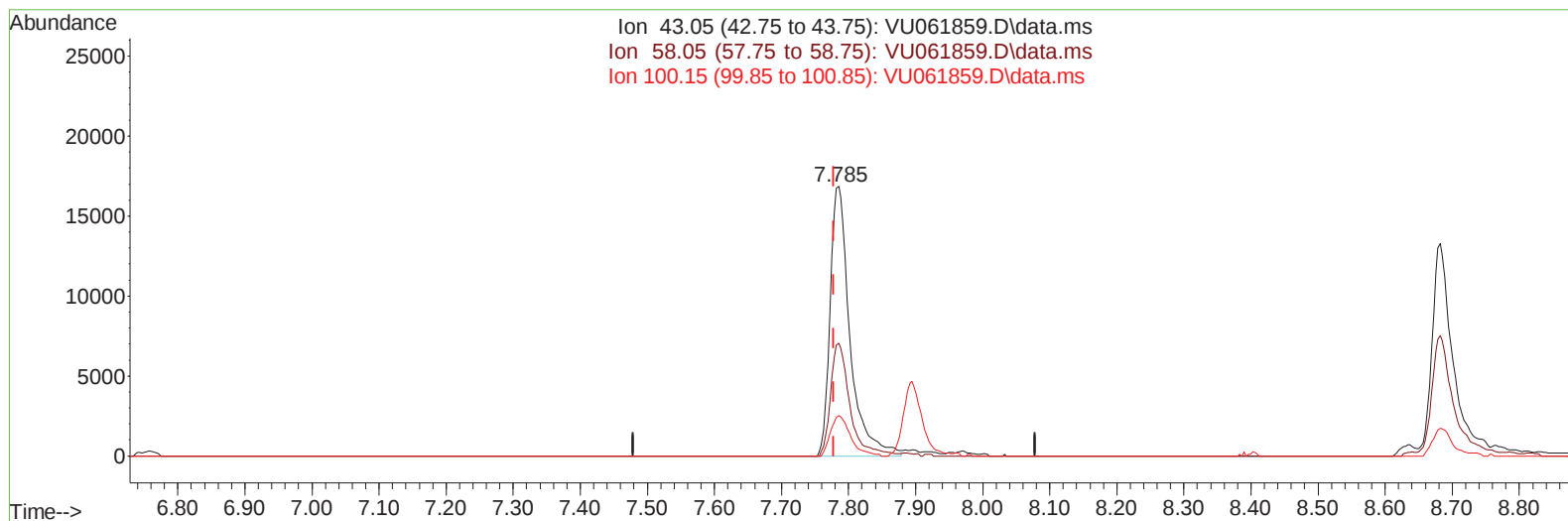
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061859.D
 Acq On : 20 Nov 2024 11:20
 Operator : MD/SY
 Sample : VSTD0.550
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5050

Manual IntegrationsAPPROVED

Quant Time: Nov 21 00:30:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 00:29:33 2024
 Response via : Initial Calibration

Reviewed By :Romaben Patel 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024



TIC: VU061859.D\data.ms

(40) 4-Methyl-2-pentanone (T)

7.785min (+ 0.006) 3.76 ug/L

response 34554

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	41.60	40.63
100.15	15.50	15.14
0.00	0.00	0.00

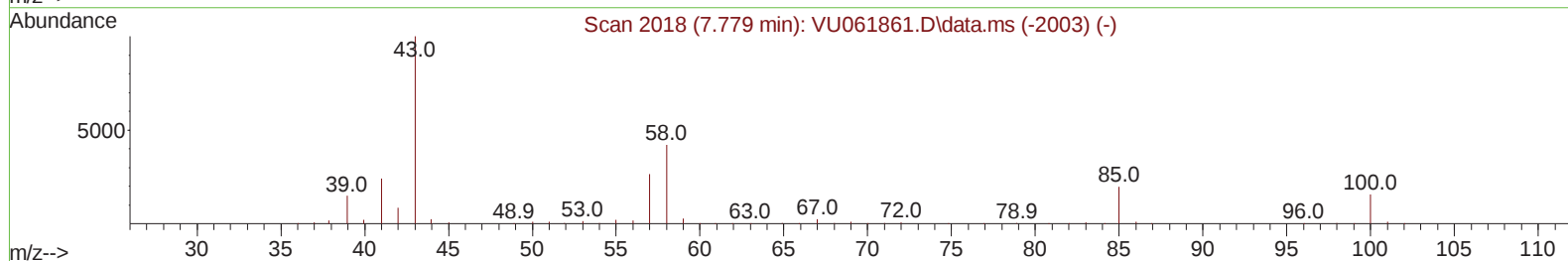
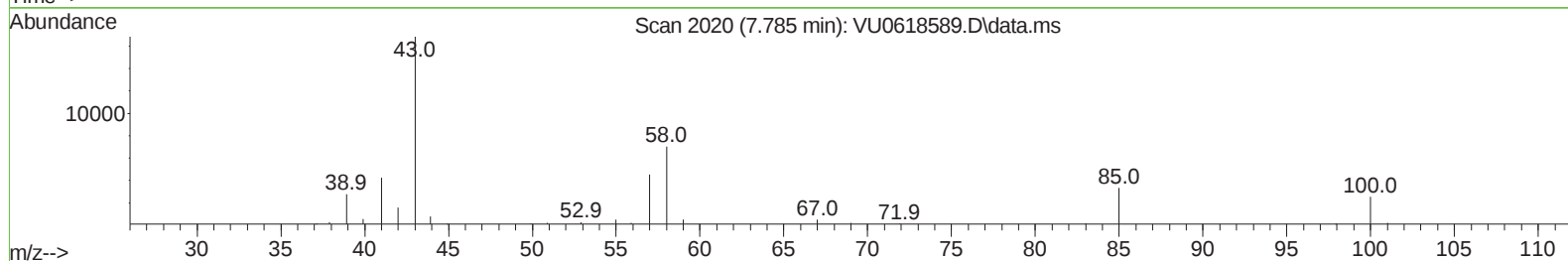
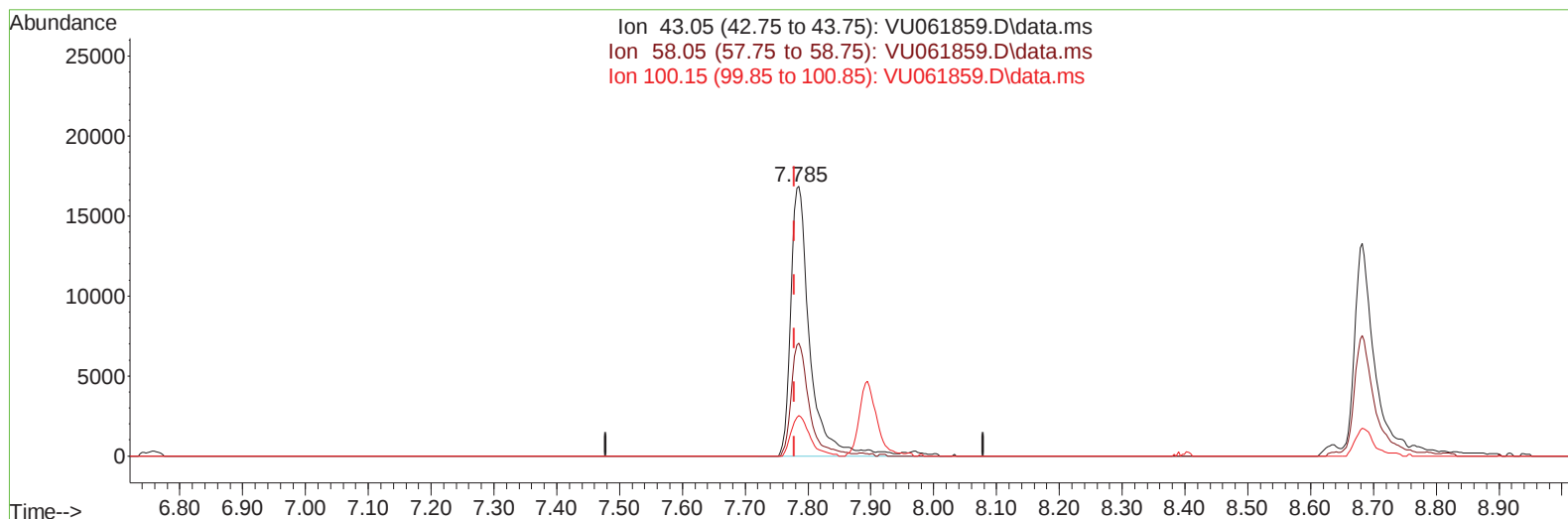
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061859.D
 Acq On : 20 Nov 2024 11:20
 Operator : MD/SY
 Sample : VSTD0.550
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5050

Manual IntegrationsAPPROVED

Quant Time: Nov 21 00:30:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 00:29:33 2024
 Response via : Initial Calibration

Reviewed By :Romaben Patel 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024



TIC: VU061859.D\data.ms

(40) 4-Methyl-2-pentanone (T)

7.785min (+ 0.006) 3.95 ug/L m

response 36292

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	41.60	38.68
100.15	15.50	14.42
0.00	0.00	0.00

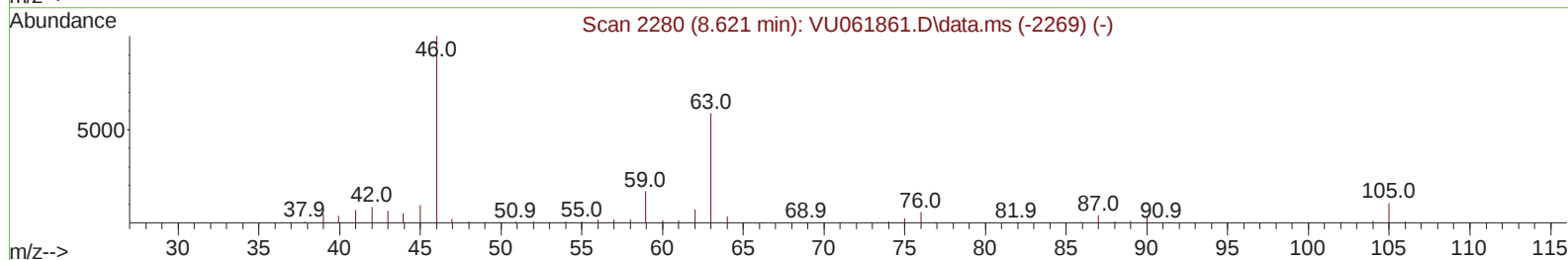
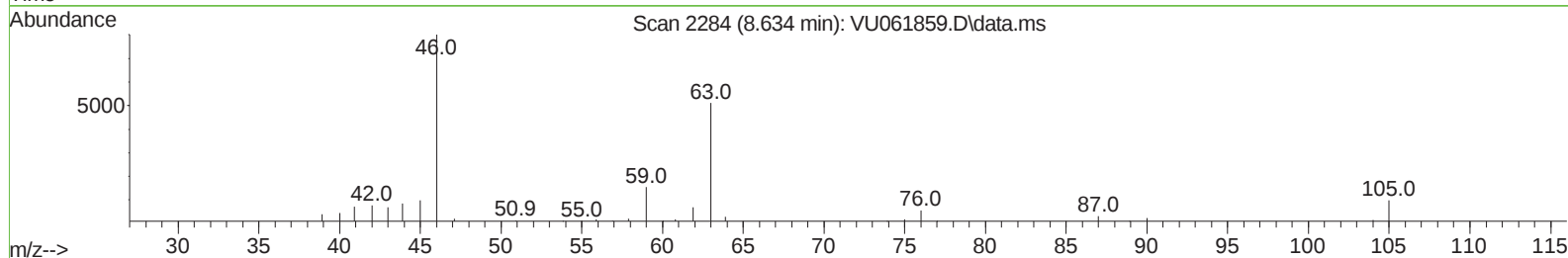
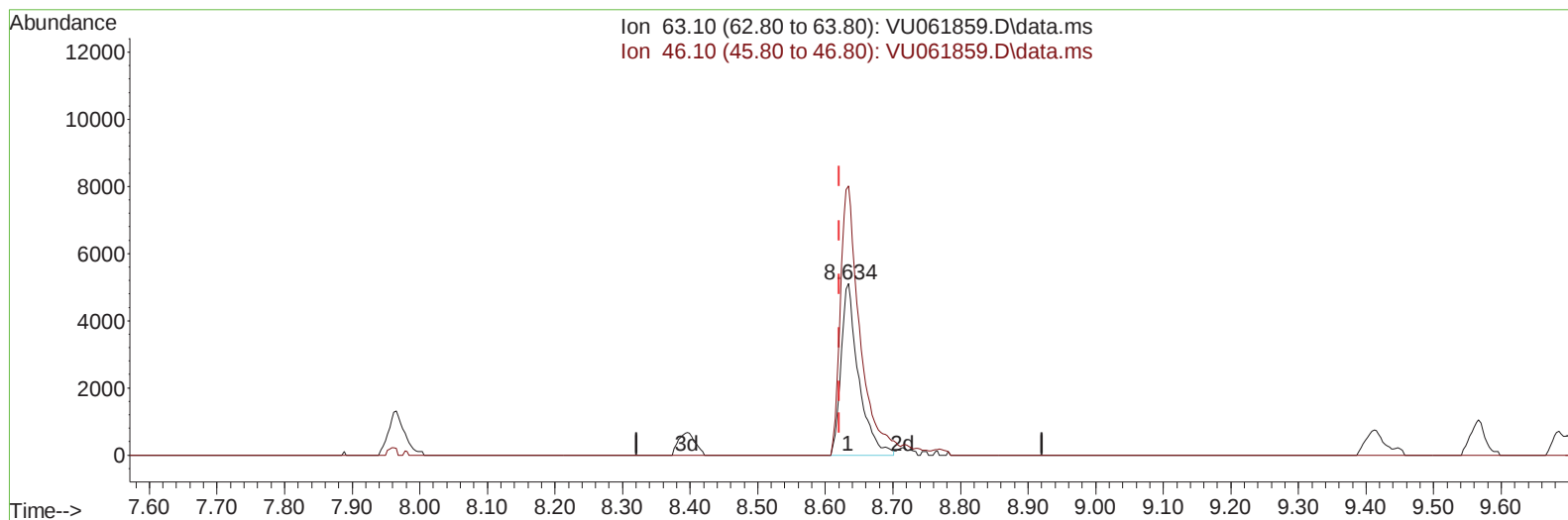
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061859.D
 Acq On : 20 Nov 2024 11:20
 Operator : MD/SY
 Sample : VSTD0.550
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5050

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024

Quant Time: Nov 21 00:30:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 00:29:33 2024
 Response via : Initial Calibration



TIC: VU061859.D\data.ms

(46) 2-Hexanone-d5 (S)

8.634min (+ 0.013) 3.32 ug/L

response 9166

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	172.20	175.80
0.00	0.00	0.00
0.00	0.00	0.00

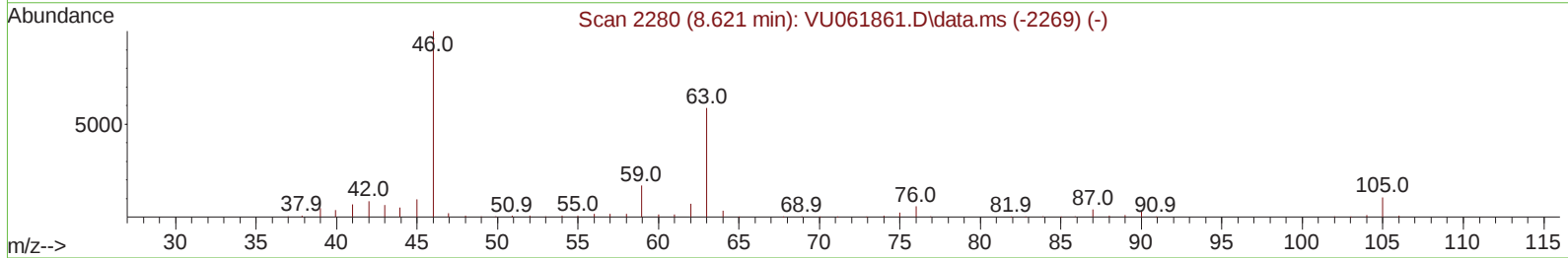
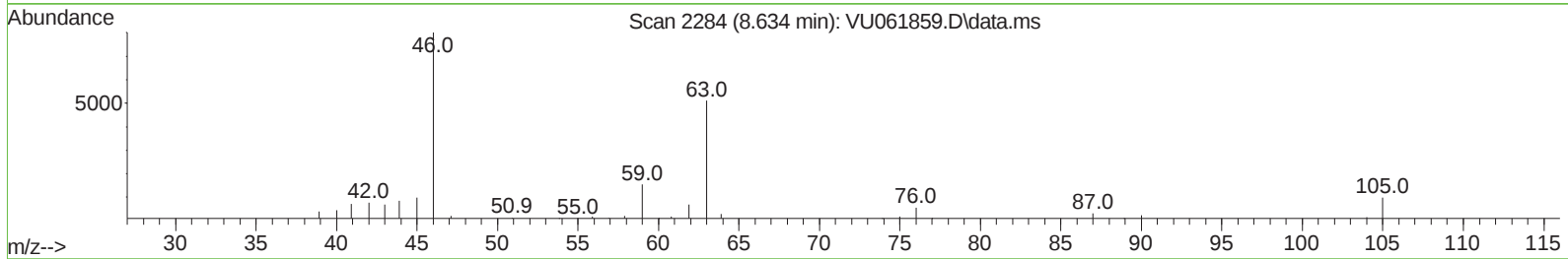
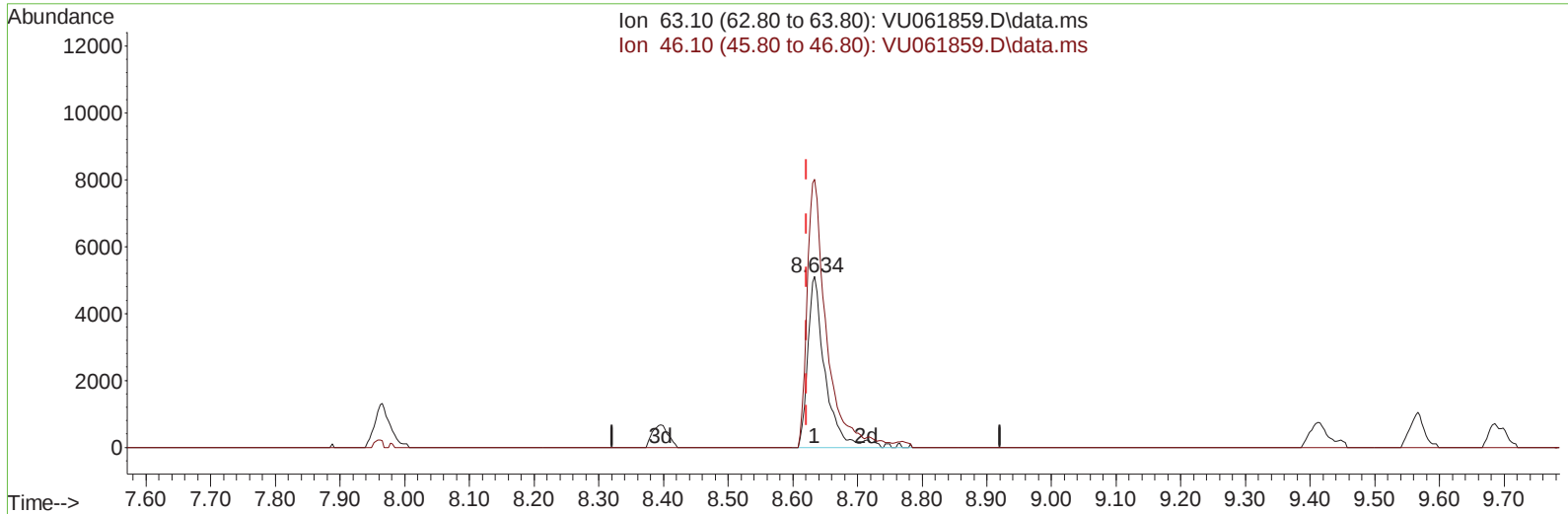
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061859.D
 Acq On : 20 Nov 2024 11:20
 Operator : MD/SY
 Sample : VSTD0.550
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5050

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024

Quant Time: Nov 21 00:30:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 00:29:33 2024
 Response via : Initial Calibration



TIC: VU061859.D\data.ms

(46) 2-Hexanone-d5 (S)

8.634min (+ 0.013) 3.47 ug/L m

response 9594

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	172.20	167.96
0.00	0.00	0.00
0.00	0.00	0.00

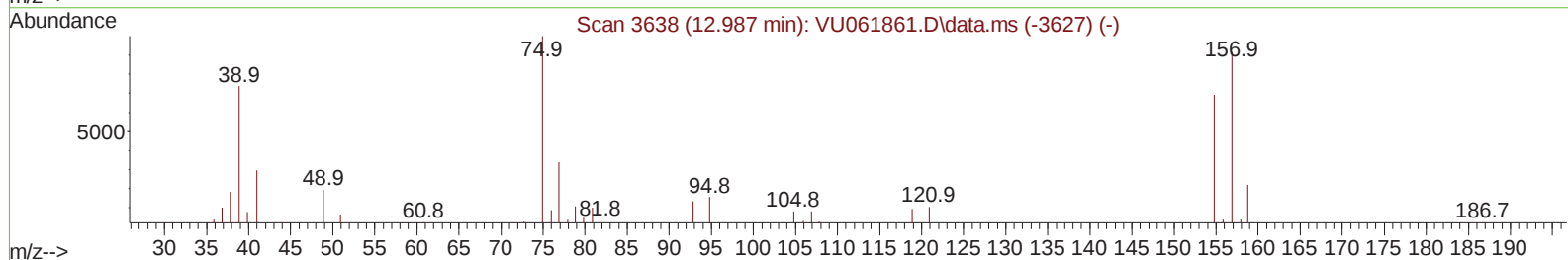
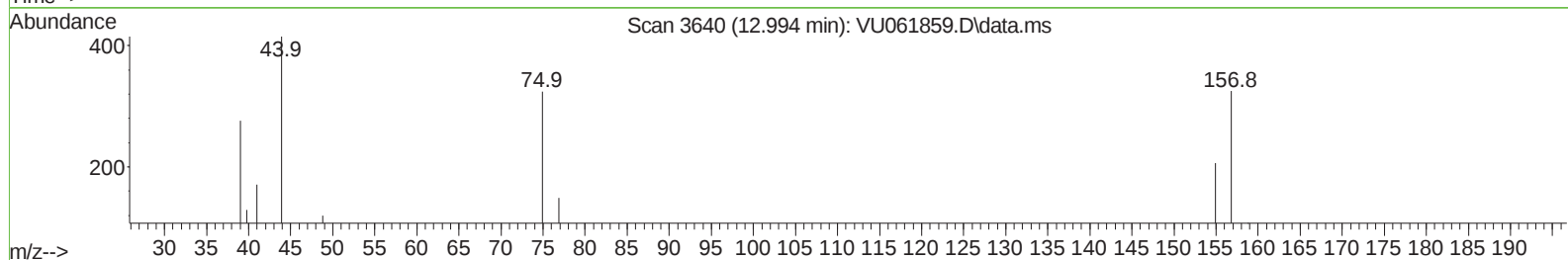
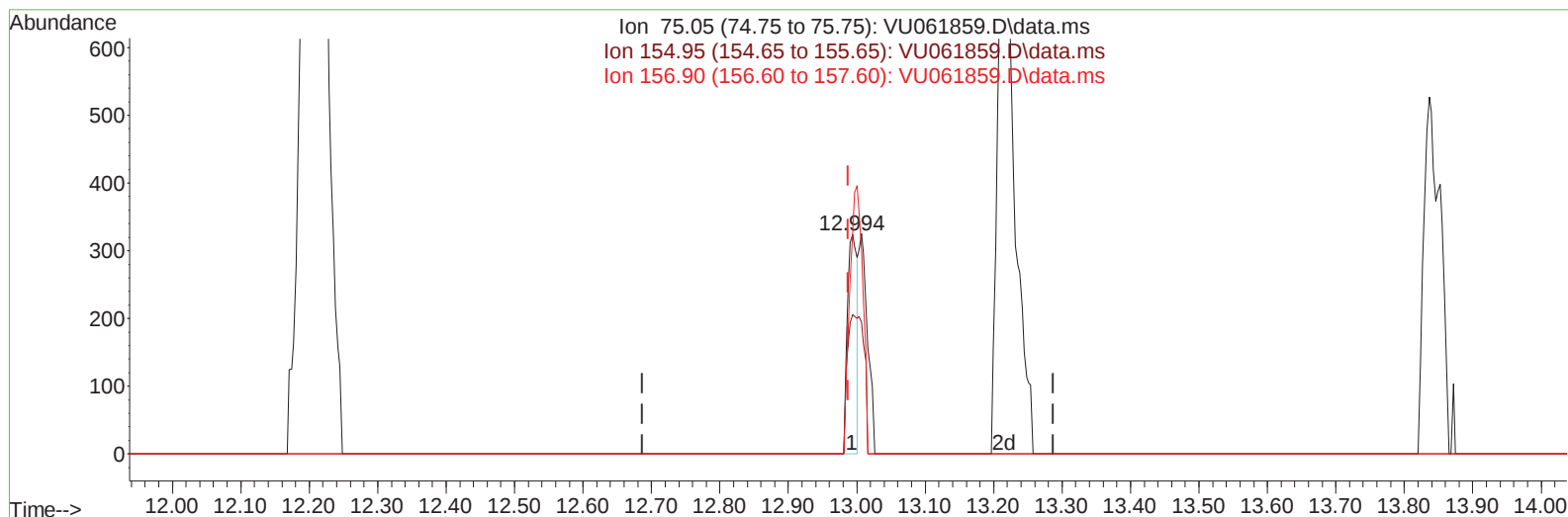
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061859.D
 Acq On : 20 Nov 2024 11:20
 Operator : MD/SY
 Sample : VSTD0.550
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5050

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024

Quant Time: Nov 21 00:30:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 00:29:33 2024
 Response via : Initial Calibration



TIC: VU061859.D\data.ms

(68) 1,2-Dibromo-3-chloropropane (T)

12.994min (+ 0.006) 0.23 ug/L

response 317

Ion	Exp%	Act%
75.05	100.00	100.00
154.95	69.00	63.58
156.90	91.90	100.31
0.00	0.00	0.00

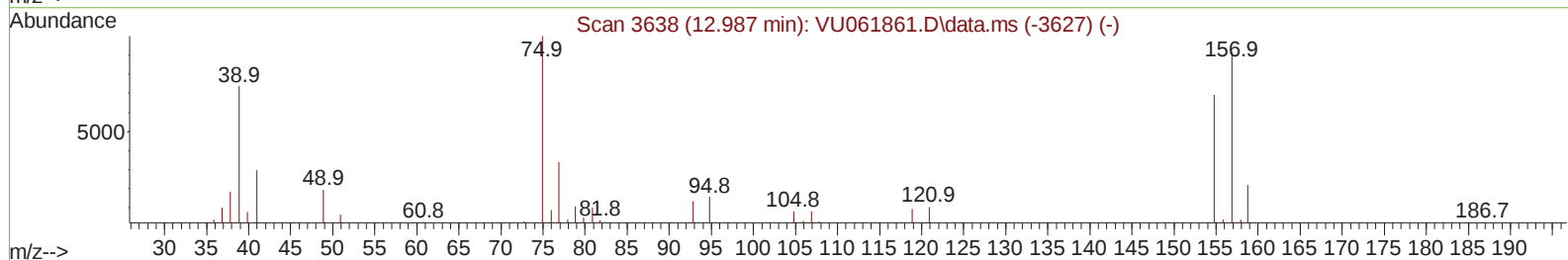
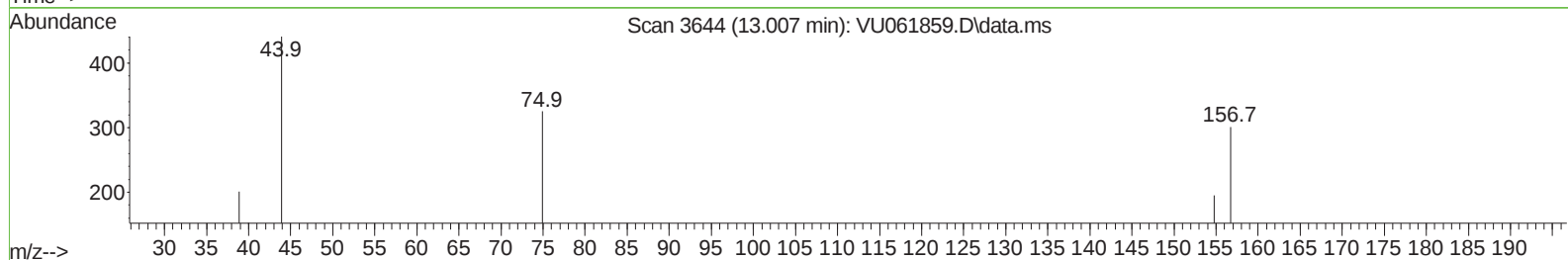
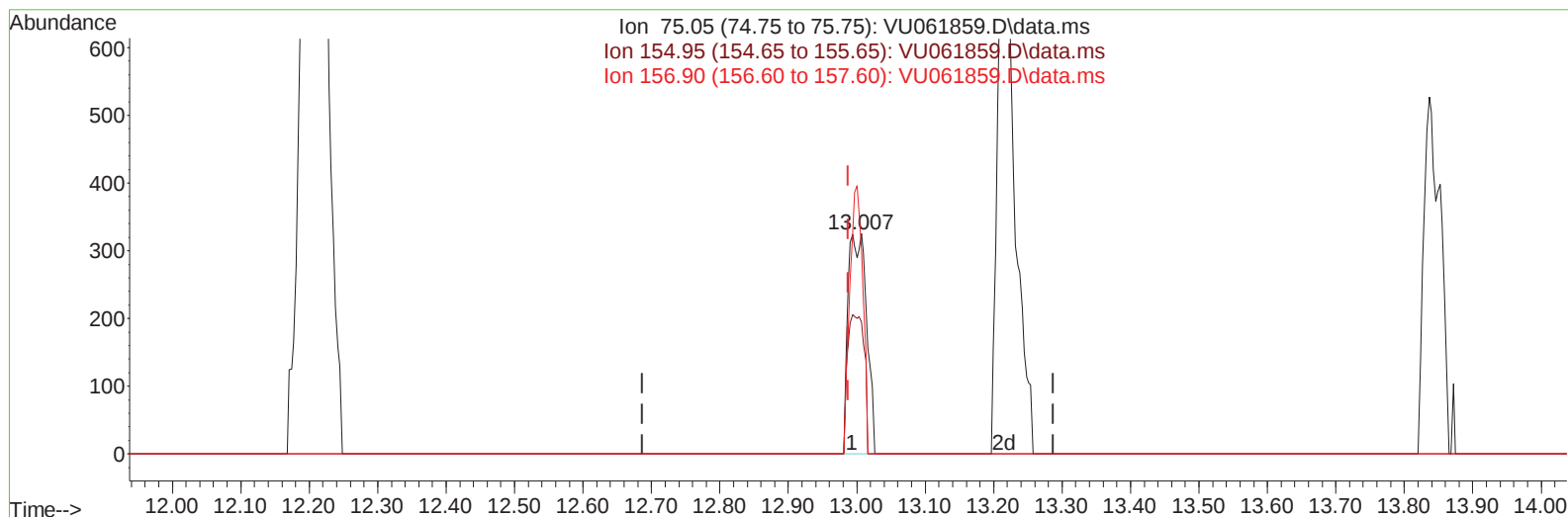
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061859.D
 Acq On : 20 Nov 2024 11:20
 Operator : MD/SY
 Sample : VSTD0.550
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5050

Manual IntegrationsAPPROVED

Quant Time: Nov 21 00:30:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 00:29:33 2024
 Response via : Initial Calibration

Reviewed By :Romaben Patel 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024



TIC: VU061859.D\data.ms

(68) 1,2-Dibromo-3-chloropropane (T)

13.007min (+ 0.019) 0.44 ug/L m

response 610

Ion	Exp%	Act%
75.05	100.00	100.00
154.95	69.00	60.00
156.90	91.90	92.62
0.00	0.00	0.00

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061859.D
 Acq On : 20 Nov 2024 11:20
 Operator : MD/SY
 Sample : VSTD0.550
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5050

Manual IntegrationsAPPROVED

Quant Time: Nov 21 00:30:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 00:29:33 2024
 Response via : Initial Calibration

Reviewed By :Romaben Patel 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024

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

Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	174068	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	190168	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	68762	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	4363	0.377	ug/L	0.00
7) Chloroethane-d5	1.907	69	3840	0.430	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	1523	0.299	ug/L	0.00
20) 2-Butanone-d5	4.640	46	12240m	4.213	ug/L	0.03
24) Chloroform-d	5.058	84	10003	0.463	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.698	65	5532	0.489	ug/L	0.00
32) Benzene-d6	5.724	84	16645	0.347	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.682	67	5419	0.340	ug/L	0.00
41) Toluene-d8	7.891	98	13347	0.302	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.177	79	1907	0.286	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	9594m	3.472	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.750	84	5108	0.404	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	5304	0.505	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	7631	0.787	ug/L	90
3) Chloromethane	1.522	50	8228	0.643	ug/L	95
5) Vinyl chloride	1.602	62	7805	0.604	ug/L #	76
6) Bromomethane	1.853	94	4958	0.699	ug/L	99
8) Chloroethane	1.930	64	6542	0.835	ug/L	97
9) Trichlorofluoromethane	2.133	101	10019	0.607	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	6058	0.563	ug/L #	81
12) 1,1-Dichloroethene	2.573	96	5994	0.581	ug/L	97
13) Acetone	2.624	43	9406	4.991	ug/L	98
14) Carbon disulfide	2.785	76	17980	0.524	ug/L	98
15) Methyl Acetate	2.956	43	2415m	0.521	ug/L	
16) Methylene chloride	3.039	84	7958	0.675	ug/L	95
17) Methyl tert-butyl Ether	3.358	73	14343	0.501	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	5791	0.518	ug/L	97
19) 1,1-Dichloroethane	3.859	63	12013	0.554	ug/L	98
21) 2-Butanone	4.718	43	14715m	4.803	ug/L	
22) cis-1,2-Dichloroethene	4.663	96	6460	0.519	ug/L	92
23) Bromochloromethane	4.972	128	2738	0.534	ug/L	94
25) Chloroform	5.081	83	12472	0.565	ug/L	93
27) 1,2-Dichloroethane	5.795	62	7801	0.543	ug/L	100
29) 1,1,1-Trichloroethane	5.309	97	9357	0.420	ug/L	97
30) Cyclohexane	5.380	56	10029	0.410	ug/L	97
31) Carbon tetrachloride	5.515	117	7885	0.419	ug/L	99
33) Benzene	5.769	78	25669	0.453	ug/L	100
34) Trichloroethene	6.541	95	6781	0.440	ug/L	99
35) Methylcyclohexane	6.756	83	9973	0.407	ug/L	96
37) 1,2-Dichloropropane	6.785	63	6746	0.454	ug/L #	89
38) Bromodichloromethane	7.100	83	7639	0.411	ug/L	99
39) cis-1,3-Dichloropropene	7.602	75	8918	0.391	ug/L	99
40) 4-Methyl-2-pentanone	7.785	43	36292m	3.952	ug/L	
42) Toluene	7.965	91	25245	0.416	ug/L	92

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112024\
 Data File : VU061859.D
 Acq On : 20 Nov 2024 11:20
 Operator : MD/SY
 Sample : VSTD0.550
 Misc : 25mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD0.5050

Manual IntegrationsAPPROVED

Reviewed By :Romaben Patel 11/21/2024
 Supervised By :Mahesh Dadoda 11/21/2024

Quant Time: Nov 21 00:30:12 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 21 00:29:33 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	8.209	75	6361	0.339	ug/L	89
45) 1,1,2-Trichloroethane	8.393	97	5607	0.553	ug/L	86
47) Tetrachloroethene	8.547	164	5769	0.568	ug/L	97
48) 2-Hexanone	8.682	43	27843	4.369	ug/L	97
49) Dibromochloromethane	8.801	129	5350	0.470	ug/L	90
50) 1,2-Dibromoethane	8.917	107	5066	0.535	ug/L #	96
51) Chlorobenzene	9.441	112	20305	0.550	ug/L	97
52) Ethylbenzene	9.563	91	31966	0.471	ug/L	98
53) m,p-Xylene	9.692	106	10819	0.434	ug/L	99
54) o-Xylene	10.094	106	11353	0.466	ug/L	96
55) Styrene	10.113	104	17697	0.448	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.775	83	5522	0.421	ug/L	97
59) Bromoform	10.290	173	2410	0.512	ug/L #	93
60) Isopropylbenzene	10.476	105	25195	0.535	ug/L	98
61) 1,2,3-Trichloropropane	10.817	75	4116	0.599	ug/L	99
62) 1,3,5-Trimethylbenzene	11.081	105	18980	0.465	ug/L	98
63) 1,2,4-Trimethylbenzene	11.463	105	19137	0.475	ug/L	97
64) 1,3-Dichlorobenzene	11.743	146	11001	0.545	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	11512	0.578	ug/L	98
67) 1,2-Dichlorobenzene	12.209	146	10518	0.587	ug/L	97
68) 1,2-Dibromo-3-chloropr...	13.007	75	610m	0.437	ug/L	
69) 1,3,5-Trichlorobenzene	13.219	180	7091	0.529	ug/L	98
70) 1,2,4-trichlorobenzene	13.846	180	5323	0.517	ug/L	98
71) Naphthalene	14.097	128	8852	0.537	ug/L	96
72) 1,2,3-Trichlorobenzene	14.328	180	4710	0.548	ug/L	94

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

Manual IntegrationsAPPROVED

Quant Time: Nov 21 00:30:12 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Nov 21 00:29:33 2024
Response via : Initial Calibration

