

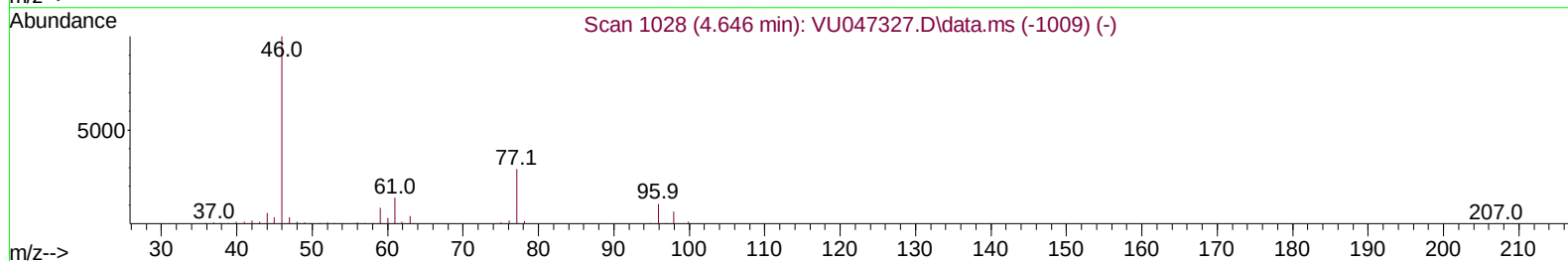
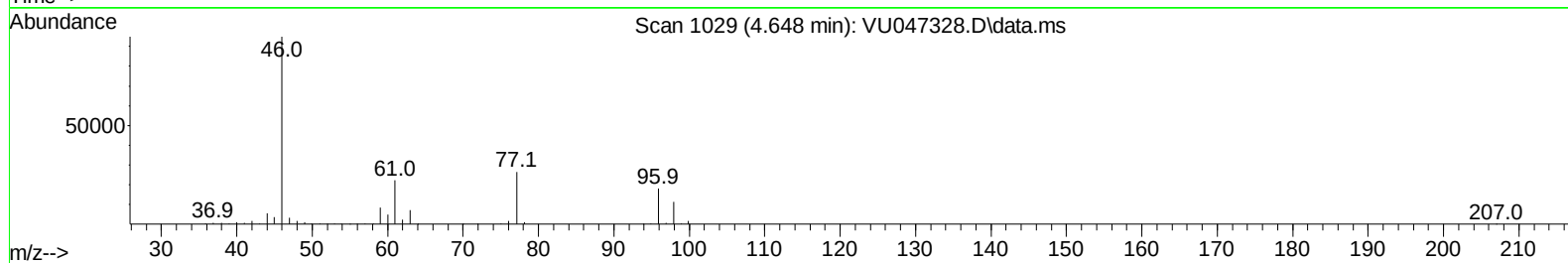
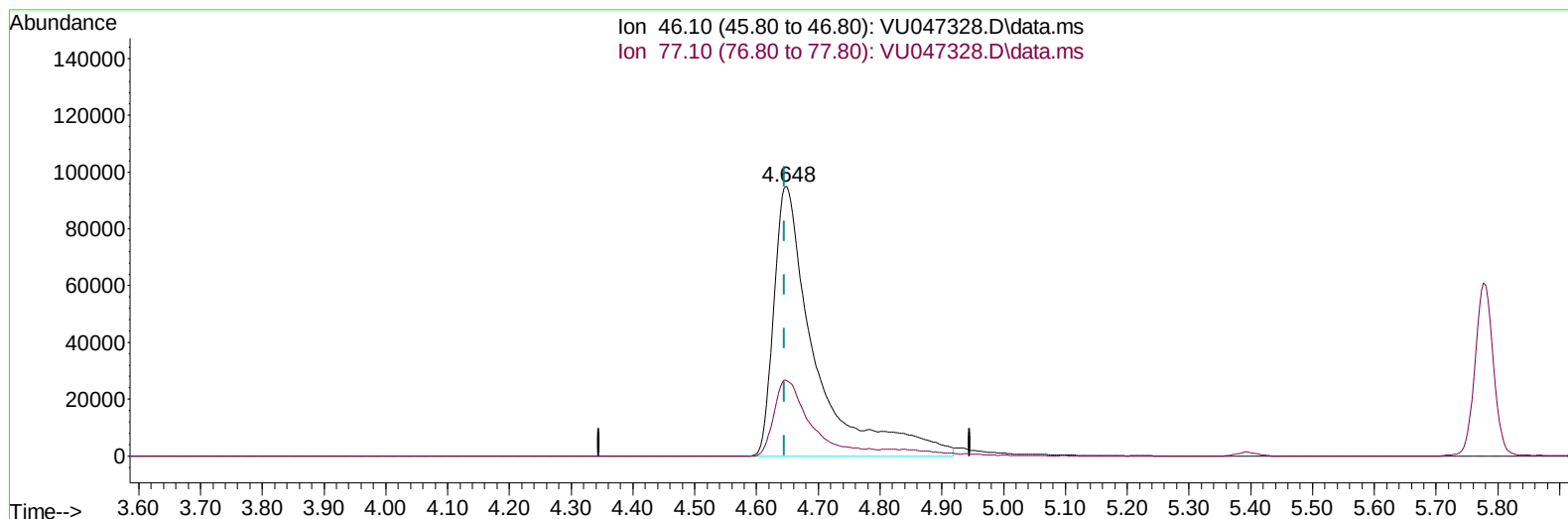
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030422\
 Data File : VU047328.D
 Acq On : 04 Mar 2022 13:51
 Operator : SY/MD
 Sample : VSTD01010
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD010010

Manual IntegrationsAPPROVED

Quant Time: Mar 04 14:48:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Mar 04 14:46:10 2022
 Response via : Initial Calibration

Reviewed By :John Carlone 03/07/2022
 Supervised By :Mahesh Dadoda 03/07/2022



TIC: VU047328.D\data.ms

(20) 2-Butanone-d5 (S)

4.648min (+ 0.003) 96.88 ug/L m

response 440899

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	25.10	24.44
0.00	0.00	0.00
0.00	0.00	0.00

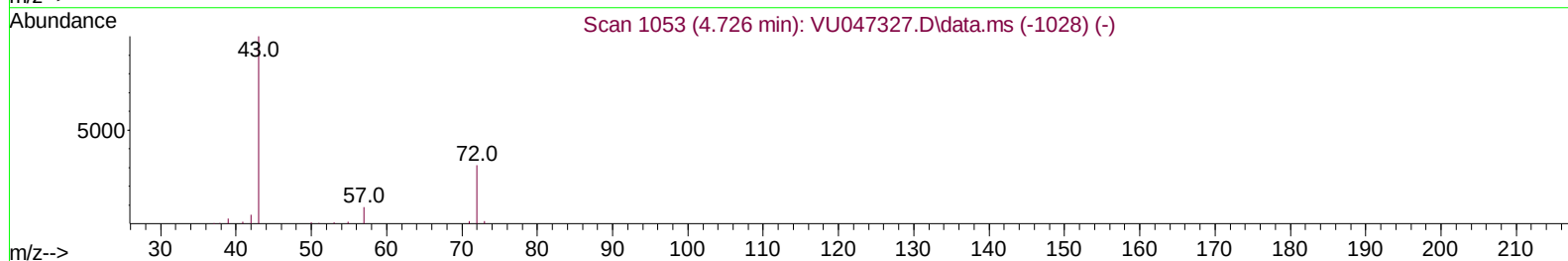
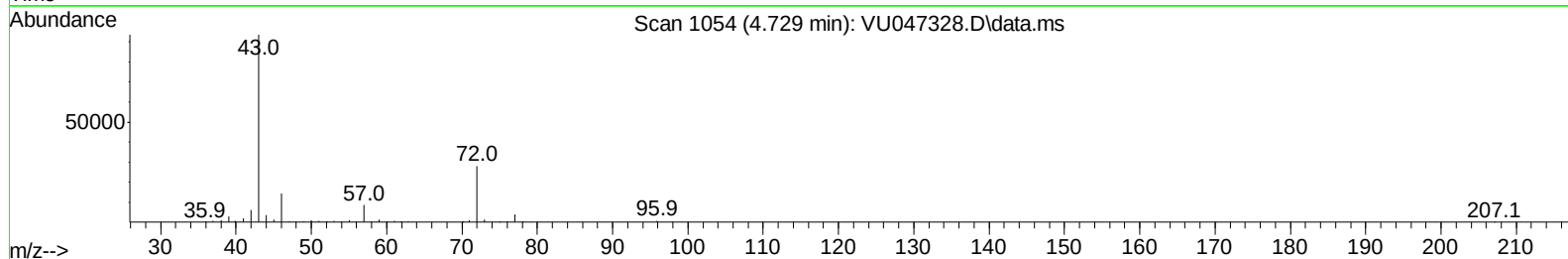
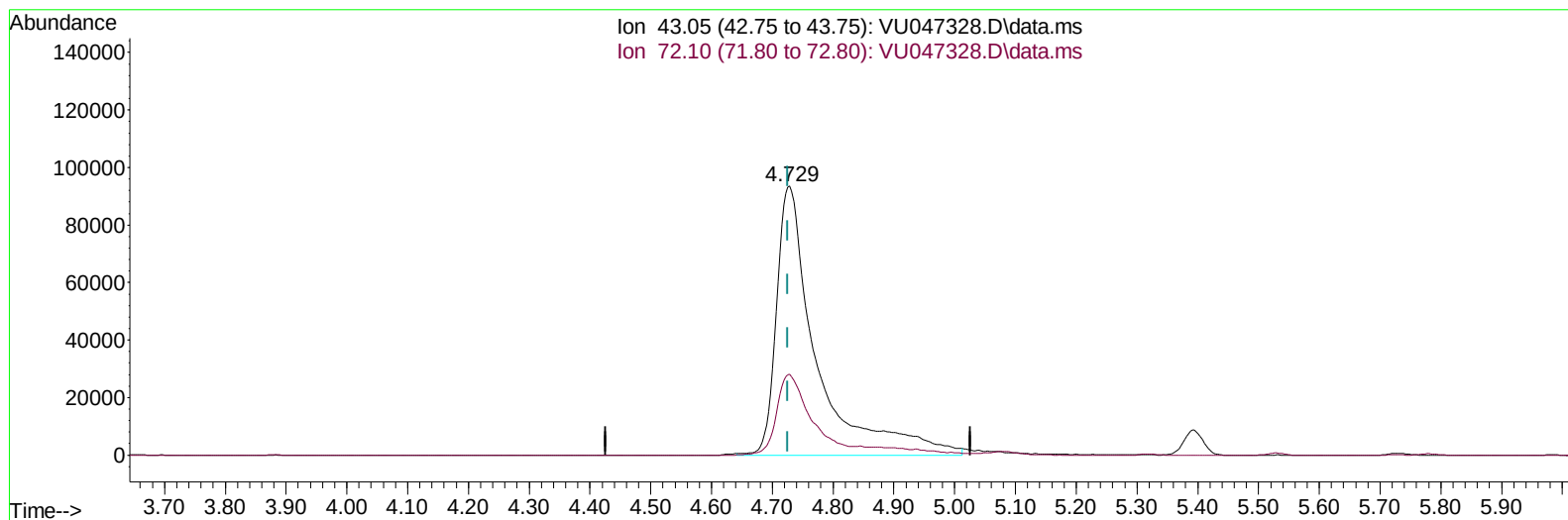
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TIC: VU047328.D\data.ms

(21) 2-Butanone (T)

4.729min (+ 0.003) 124.05 ug/L m

response 430731

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	28.20	25.83
0.00	0.00	0.00
0.00	0.00	0.00

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	221357	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	212927	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	125874	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	132857	8.738	ug/L	0.00
7) Chloroethane-d5	1.919	69	109960	8.694	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.575	65	58152	9.288	ug/L	0.00
20) 2-Butanone-d5	4.648	46	440899m	96.880	ug/L	0.00
24) Chloroform-d	5.070	84	247644	8.782	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.706	65	135657	8.554	ug/L	0.00
32) Benzene-d6	5.732	84	503682	8.666	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.693	67	155205	8.476	ug/L	0.00
41) Toluene-d8	7.899	98	484608	8.917	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.179	79	71752	9.072	ug/L	0.00
46) 2-Hexanone-d5	8.639	63	408408	91.464	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.758	84	166614	9.091	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.192	152	212834	8.627	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.388	85	165029	12.228	ug/L	99
3) Chloromethane	1.526	50	162654	9.951	ug/L	99
5) Vinyl chloride	1.607	62	161176	10.669	ug/L	99
6) Bromomethane	1.864	94	85991	10.318	ug/L	98
8) Chloroethane	1.941	64	95003	10.836	ug/L	100
9) Trichlorofluoromethane	2.144	101	211532	11.812	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.587	101	128258	12.446	ug/L	91
12) 1,1-Dichloroethene	2.587	96	121646	11.094	ug/L	78
13) Acetone	2.668	43	207296	164.836	ug/L	92
14) Carbon disulfide	2.800	76	390829	10.945	ug/L	99
15) Methyl Acetate	2.964	43	62787	13.720	ug/L	97
16) Methylene chloride	3.050	84	132536	9.903	ug/L	93
17) Methyl tert-butyl Ether	3.369	73	323637	10.582	ug/L	99
18) trans-1,2-Dichloroethene	3.359	96	130504	10.721	ug/L	90
19) 1,1-Dichloroethane	3.877	63	218390	10.817	ug/L	99
21) 2-Butanone	4.729	43	430731m	124.055	ug/L	
22) cis-1,2-Dichloroethene	4.671	96	141865	10.704	ug/L	96
23) Bromochloromethane	4.980	128	72145	11.014	ug/L #	83
25) Chloroform	5.092	83	232403	10.345	ug/L	98
27) 1,2-Dichloroethane	5.796	62	157036	10.537	ug/L	99
29) 1,1,1-Trichloroethane	5.320	97	203481	11.272	ug/L	98
30) Cyclohexane	5.391	56	205368	11.941	ug/L	96
31) Carbon tetrachloride	5.529	117	180993	11.707	ug/L	99
33) Benzene	5.777	78	526635	10.530	ug/L	100
34) Trichloroethene	6.545	95	142688	11.006	ug/L	93
35) Methylcyclohexane	6.767	83	238329	12.800	ug/L	94
37) 1,2-Dichloropropane	6.793	63	129462	10.406	ug/L	99
38) Bromodichloromethane	7.108	83	174838	10.770	ug/L	98
39) cis-1,3-Dichloropropene	7.610	75	214306	11.047	ug/L	99
40) 4-Methyl-2-pentanone	7.796	43	1007476	108.462	ug/L	97
42) Toluene	7.970	91	584120	10.763	ug/L	98

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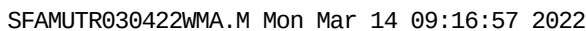
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 Quant Title : TRACE VOA SFAM1.0
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	8.211	75	194306	11.470	ug/L	99
45) 1,1,2-Trichloroethane	8.401	97	113721	10.625	ug/L	99
47) Tetrachloroethene	8.555	164	123342	11.315	ug/L	92
48) 2-Hexanone	8.690	43	753098	109.708	ug/L	98
49) Dibromochloromethane	8.812	129	139219	11.388	ug/L	97
50) 1,2-Dibromoethane	8.925	107	118420	10.963	ug/L #	98
51) Chlorobenzene	9.449	112	391452	10.698	ug/L	95
52) Ethylbenzene	9.571	91	640053	11.290	ug/L	99
53) m,p-Xylene	9.693	106	253984	11.198	ug/L	99
54) o-Xylene	10.102	106	245705	11.271	ug/L	99
55) Styrene	10.114	104	425229	11.660	ug/L	95
57) 1,1,2,2-Tetrachloroethane	10.783	83	162464	11.197	ug/L	95
59) Bromoform	10.291	173	92647	10.217	ug/L #	97
60) Isopropylbenzene	10.484	105	650035	10.123	ug/L	98
61) 1,2,3-Trichloropropane	10.825	75	114155	10.101	ug/L	99
62) 1,3,5-Trimethylbenzene	11.089	105	441461	10.393	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	574196	10.433	ug/L	97
64) 1,3-Dichlorobenzene	11.745	146	341254	10.383	ug/L	97
65) 1,4-Dichlorobenzene	11.835	146	345707	10.285	ug/L	97
67) 1,2-Dichlorobenzene	12.211	146	333508	10.243	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.995	75	26464	10.114	ug/L #	72
69) 1,3,5-Trichlorobenzene	13.217	180	291337	10.444	ug/L	98
70) 1,2,4-trichlorobenzene	13.838	180	260852	10.446	ug/L	98
71) Naphthalene	14.085	128	517206	10.373	ug/L	100
72) 1,2,3-Trichlorobenzene	14.330	180	240187	10.227	ug/L	97

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

Manual IntegrationsAPPROVED

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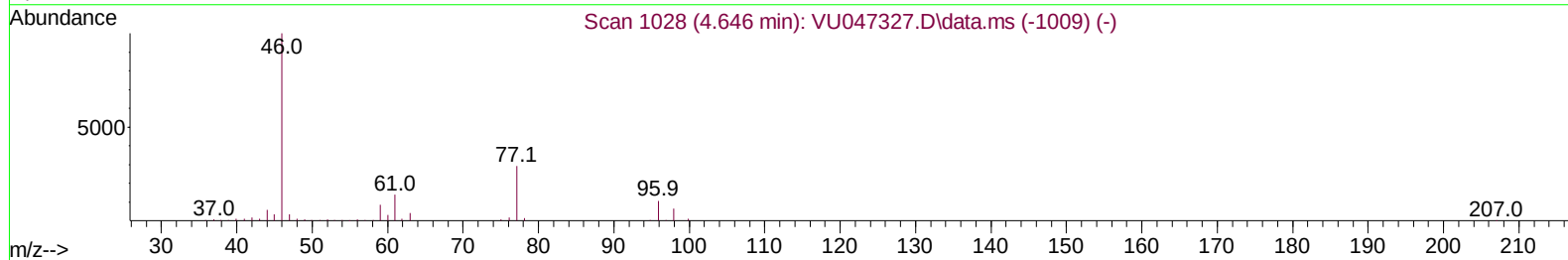
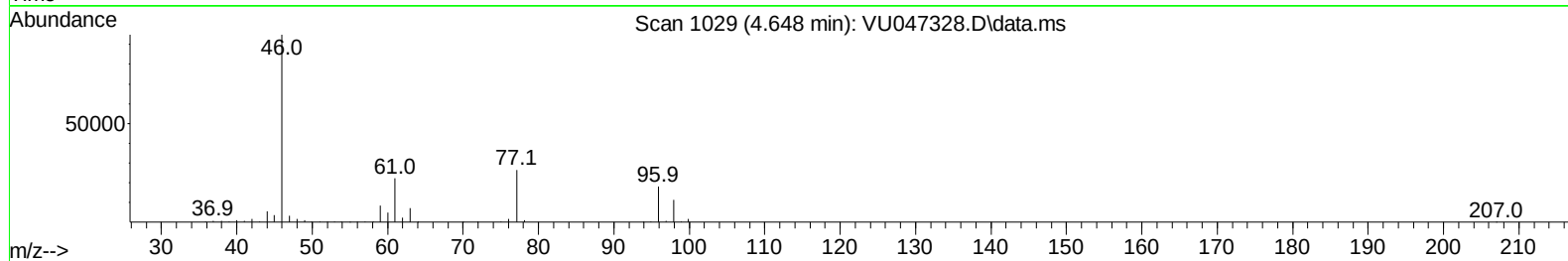
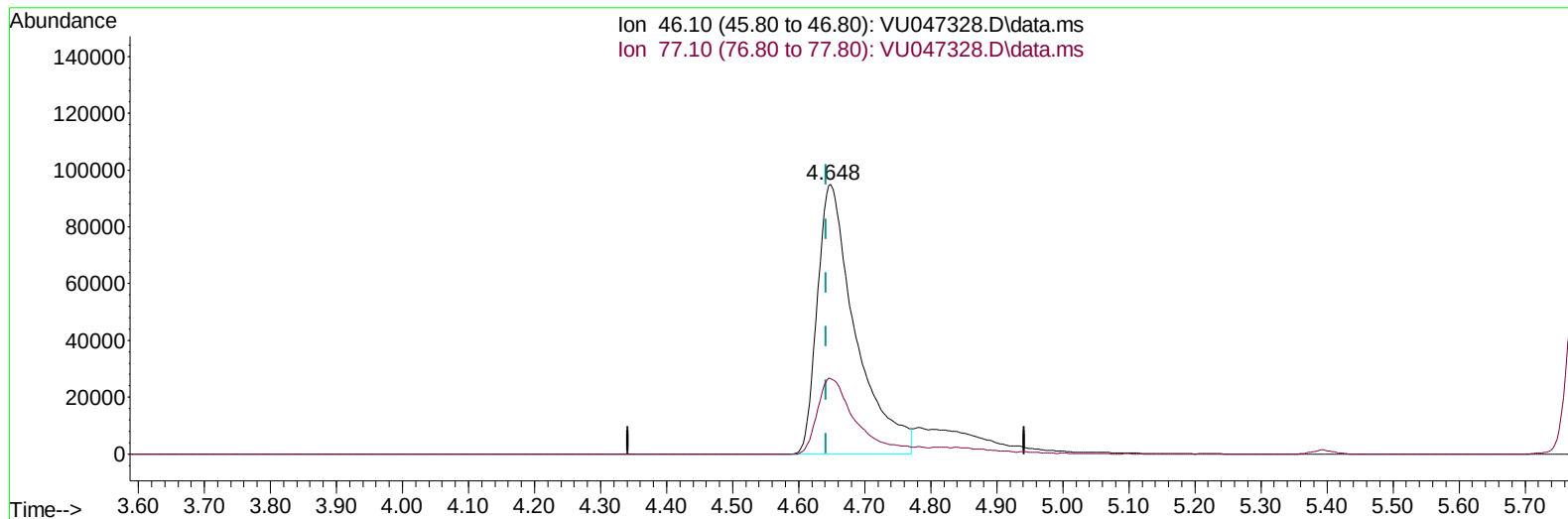
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Instrument :
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VSTD010010

Manual IntegrationsAPPROVED

Quant Time: Mar 14 09:17:02 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR030422WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Mar 09 02:01:55 2022
Response via : Initial Calibration

Reviewed By :John Carlone 03/07/2022
Supervised By :Mahesh Dadoda 03/07/2022



TIC: VU047328.D\data.ms

(20) 2-Butanone-d5 (S)

4.648min (+ 0.006) 73.78 ug/L

response 380525

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	25.10	28.32
0.00	0.00	0.00
0.00	0.00	0.00

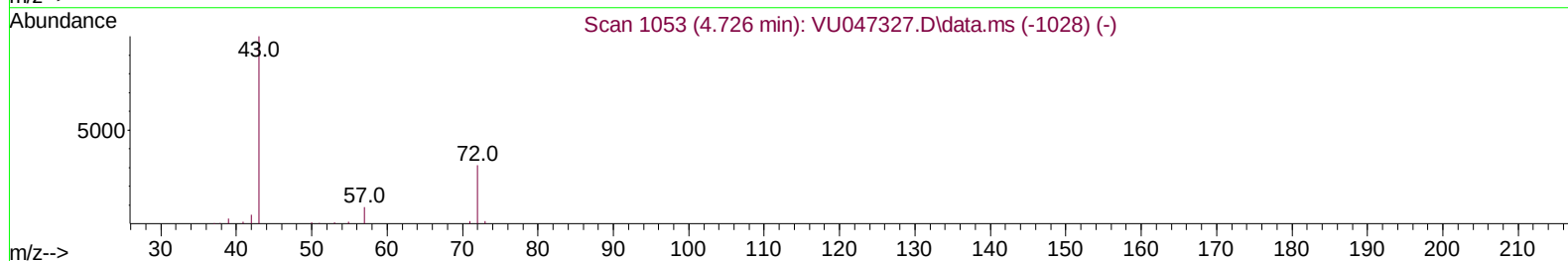
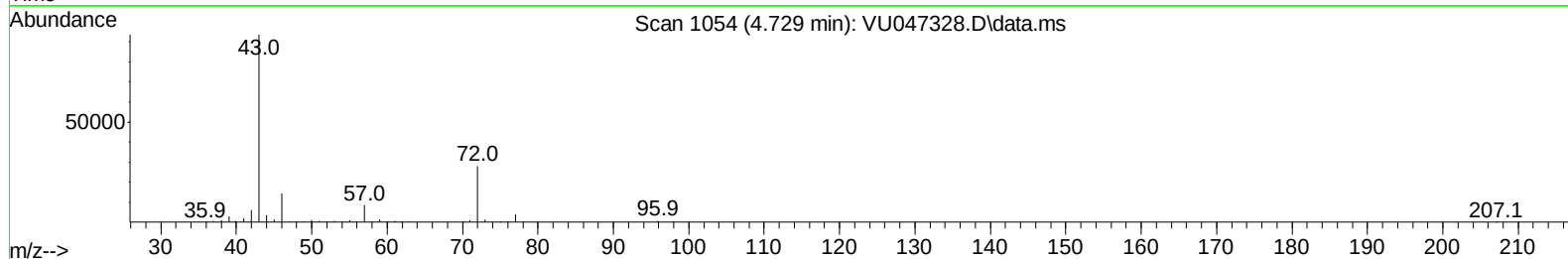
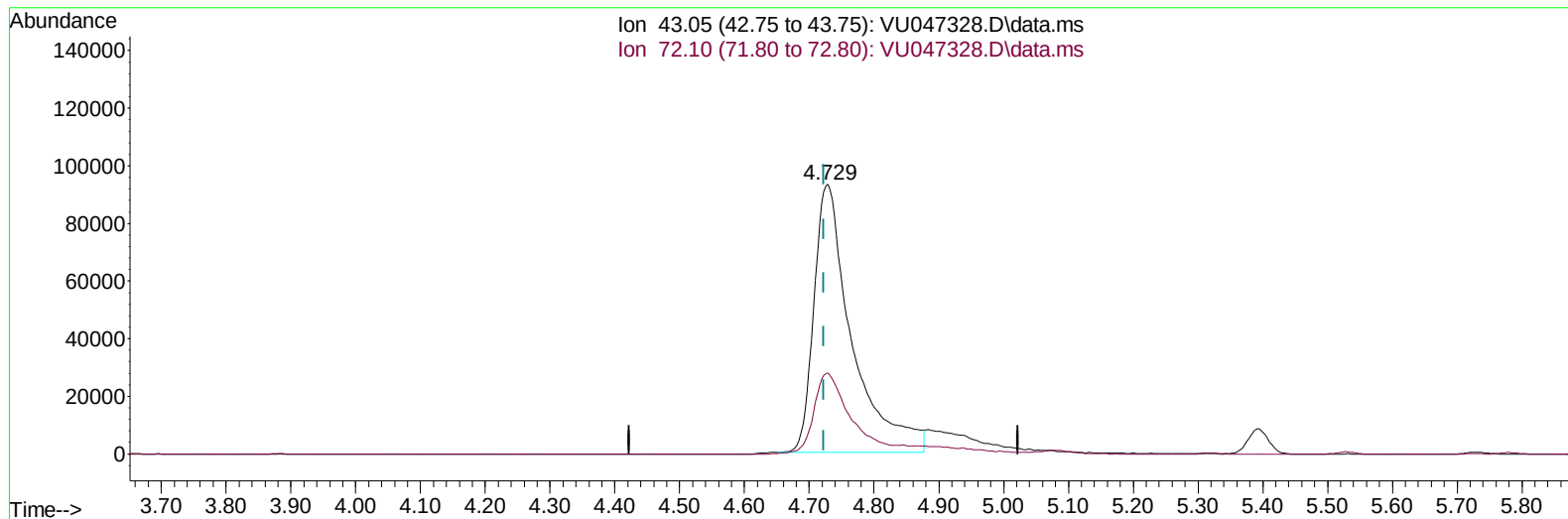
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TIC: VU047328.D\data.ms

(21) 2-Butanone (T)

4.729min (+ 0.006) 95.66 ug/L

response 378605

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	28.20	29.39
0.00	0.00	0.00
0.00	0.00	0.00