

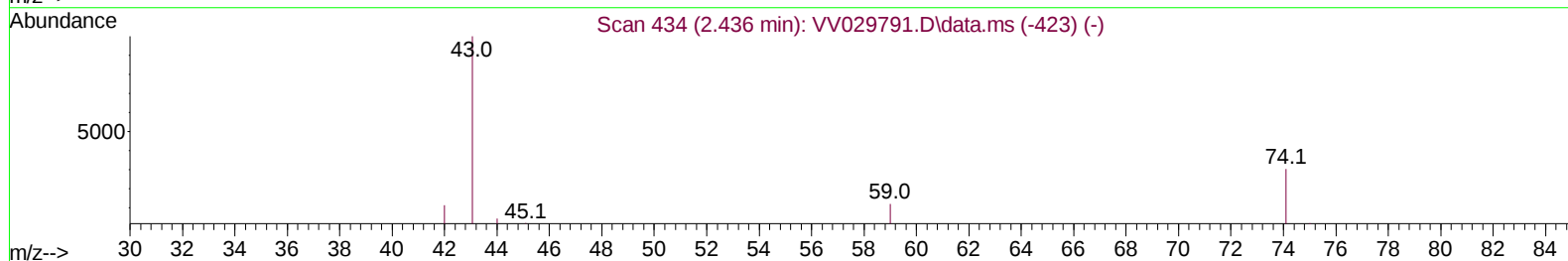
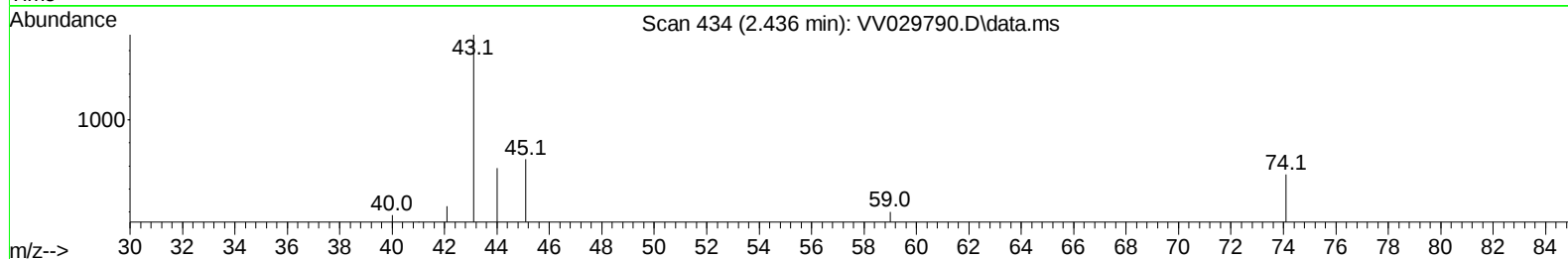
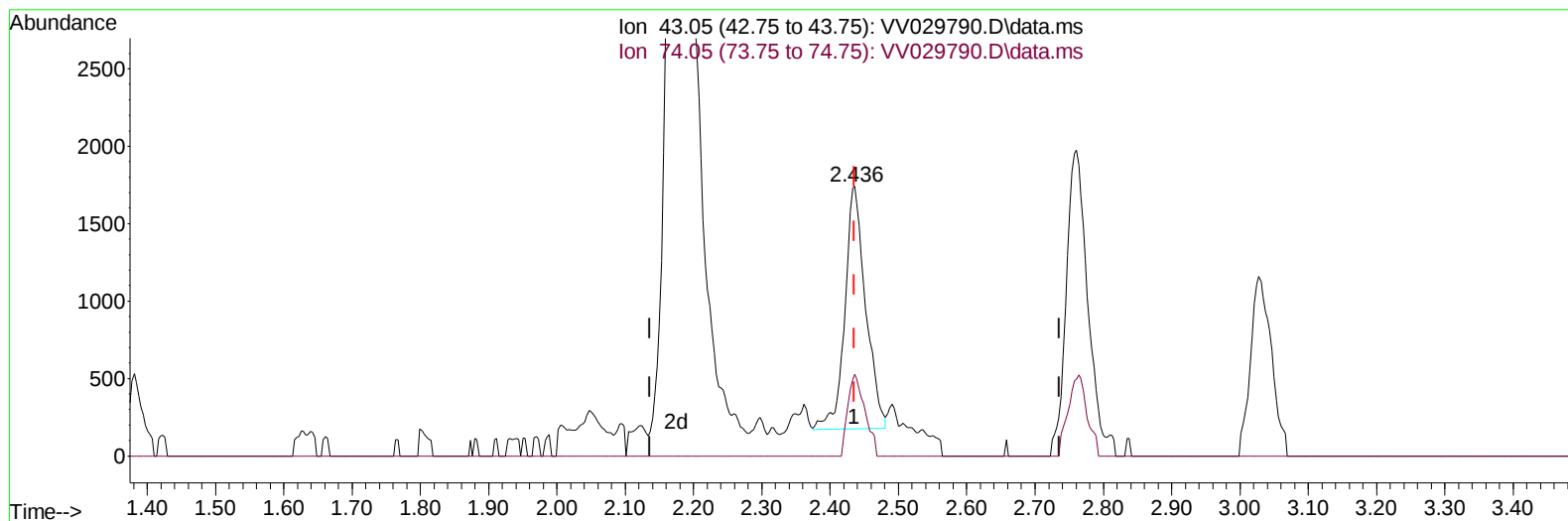
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011223\
 Data File : VV029790.D
 Acq On : 12 Jan 2023 16:54
 Operator : SY/MD
 Sample : VSTD00117
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD001217

Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

Quant Time: Jan 12 21:48:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 21:47:28 2023
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TIC: VV029790.D\data.ms

(15) Methyl Acetate (T)

2.436min (-0.000) 0.77 ug/L

response 3320

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	29.20	27.59
0.00	0.00	0.00
0.00	0.00	0.00

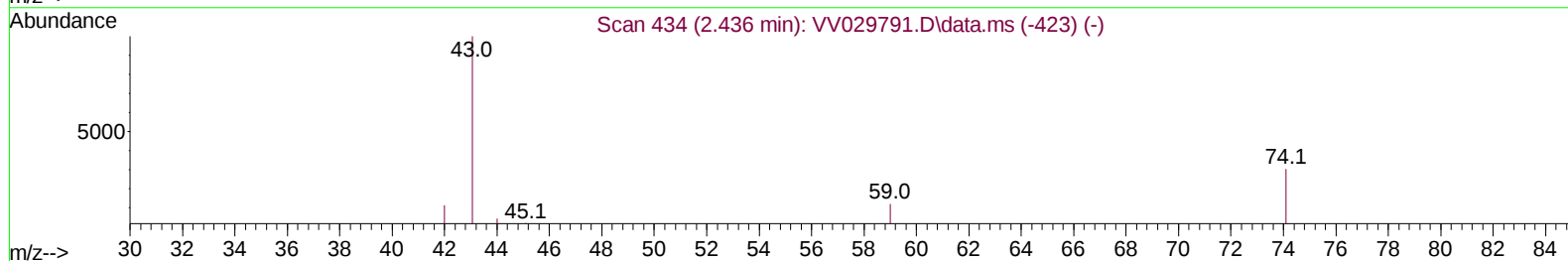
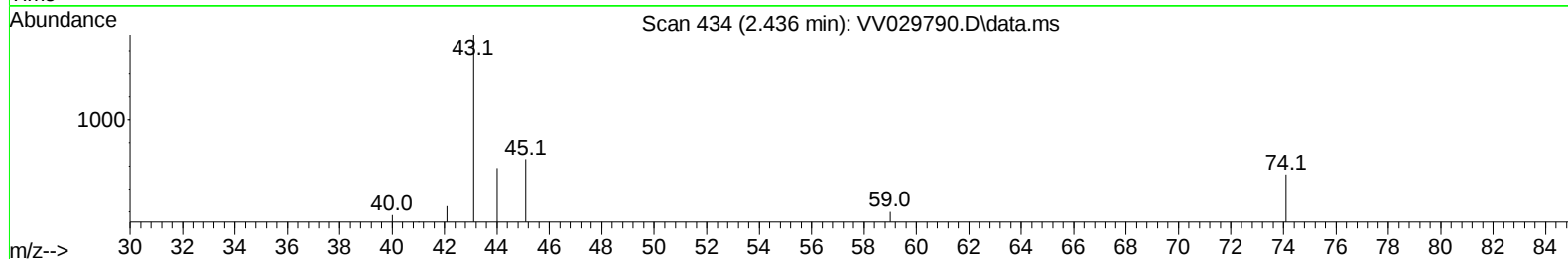
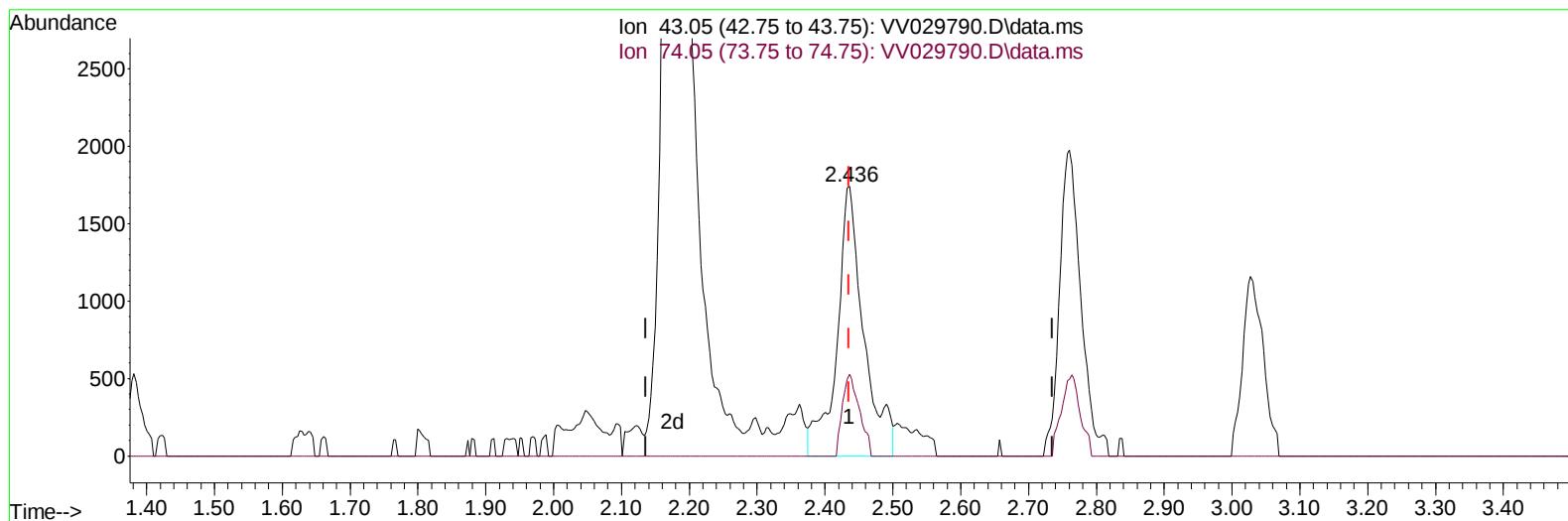
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TIC: VV029790.D\data.ms

(15) Methyl Acetate (T)

2.436min (-0.000) 1.10 ug/L m

response 4760

Ion	Exp%	Act%
43.05	100.00	100.00
74.05	29.20	19.24#
0.00	0.00	0.00
0.00	0.00	0.00

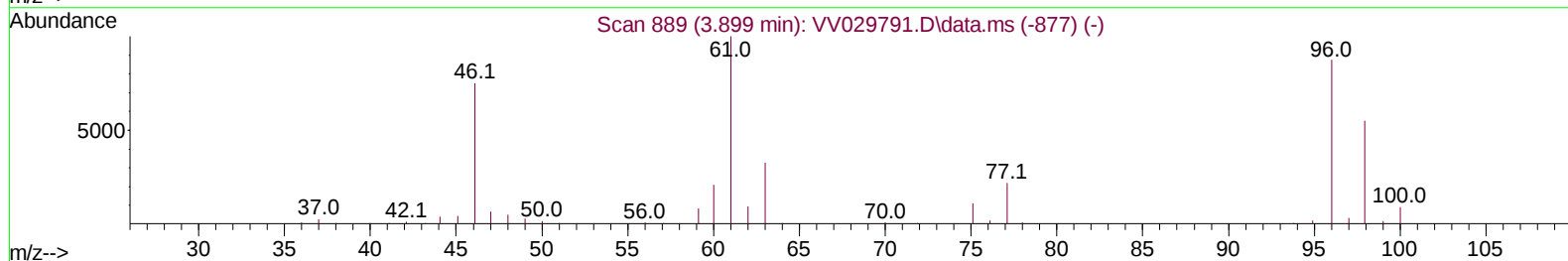
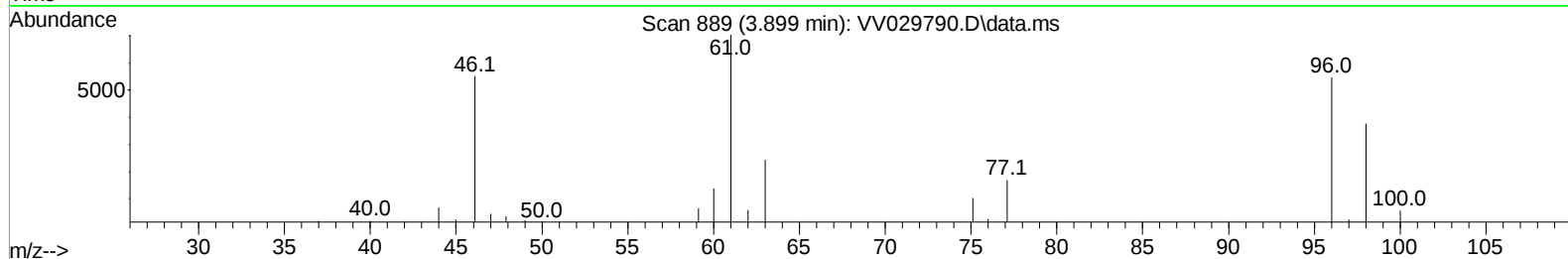
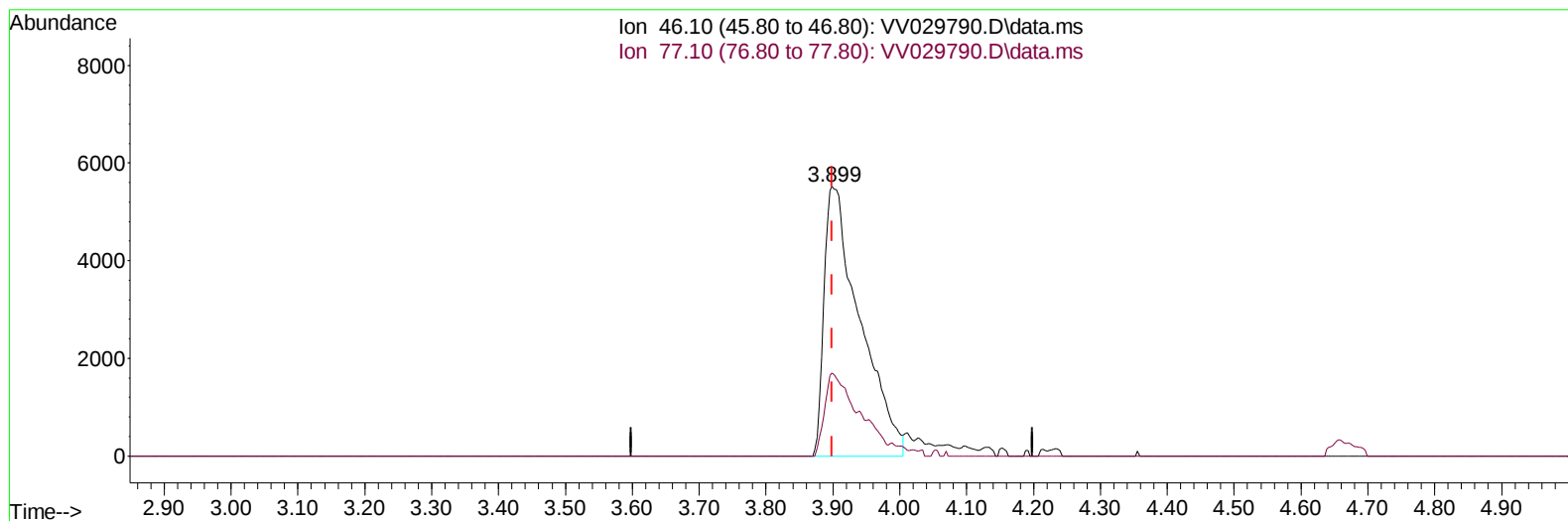
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TIC: VV029790.D\data.ms

(20) 2-Butanone-d5 (S)

3.899min (-0.000) 9.79 ug/L

response 20506

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	28.30	29.18
0.00	0.00	0.00
0.00	0.00	0.00

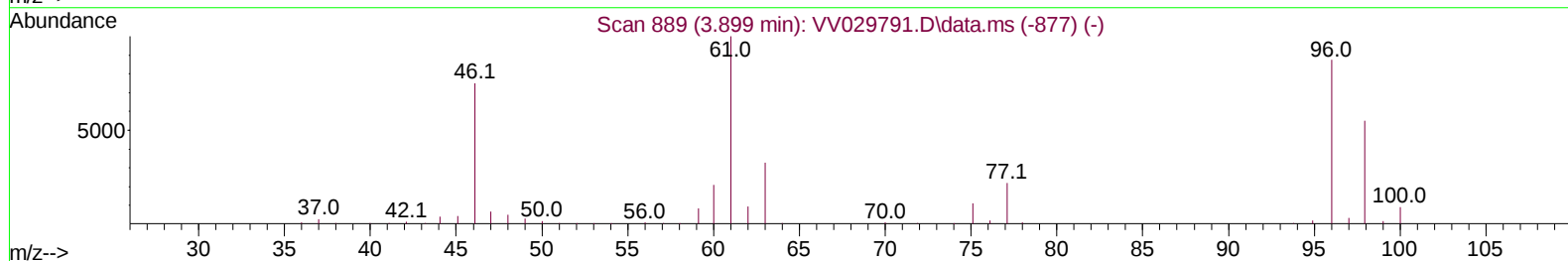
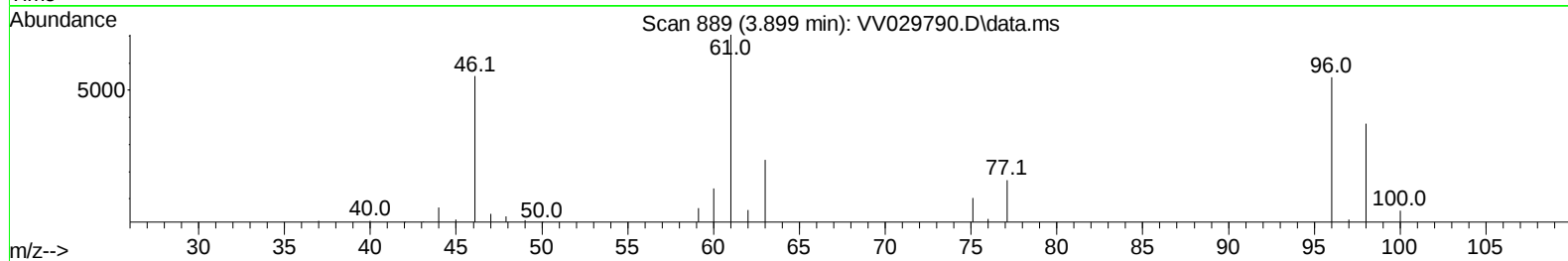
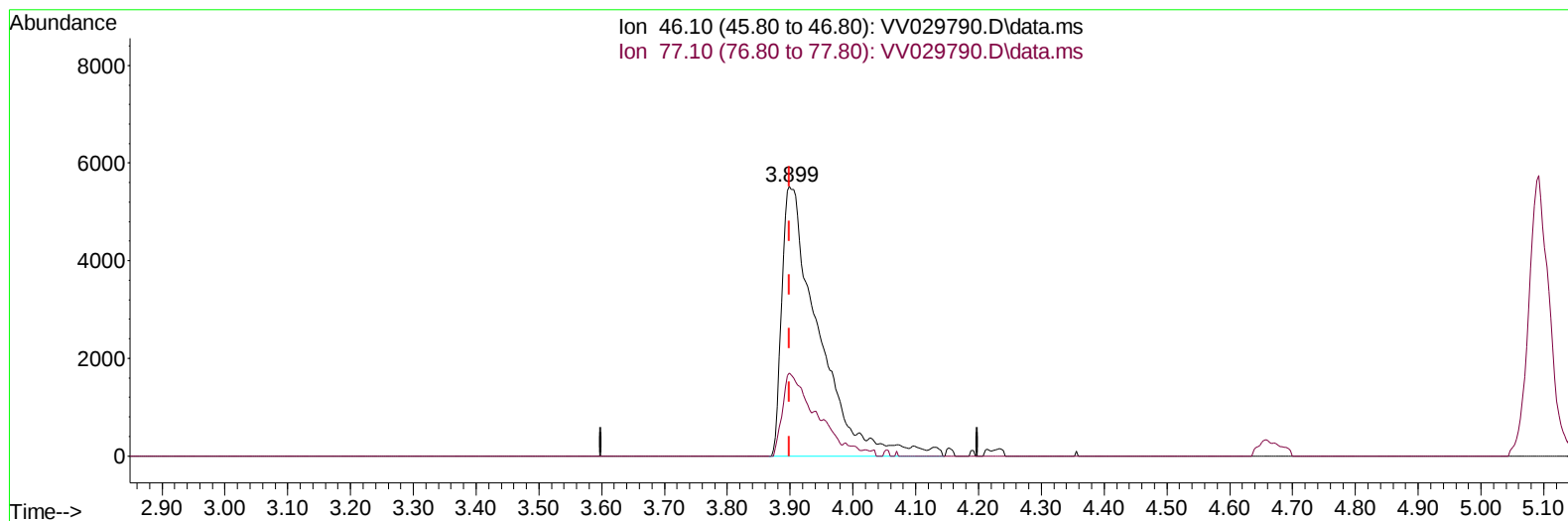
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TIC: VV029790.D\data.ms

(20) 2-Butanone-d5 (S)

3.899min (-0.000) 10.66 ug/L m

response 22333

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	28.30	26.79
0.00	0.00	0.00
0.00	0.00	0.00

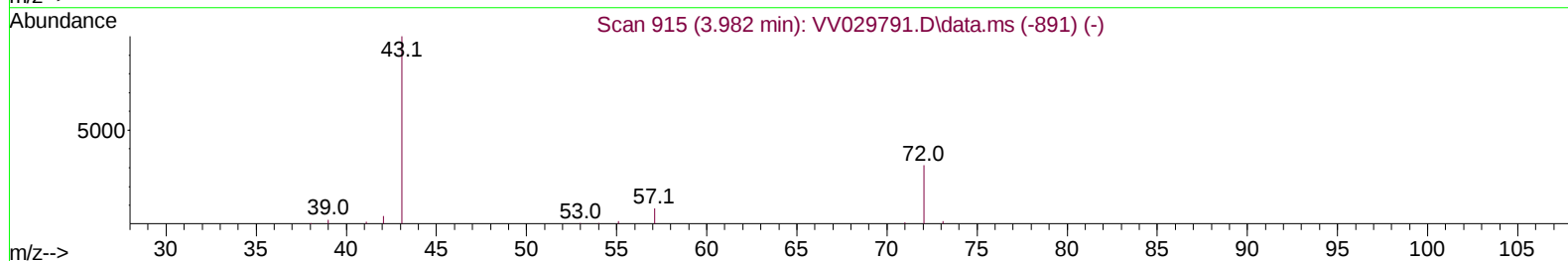
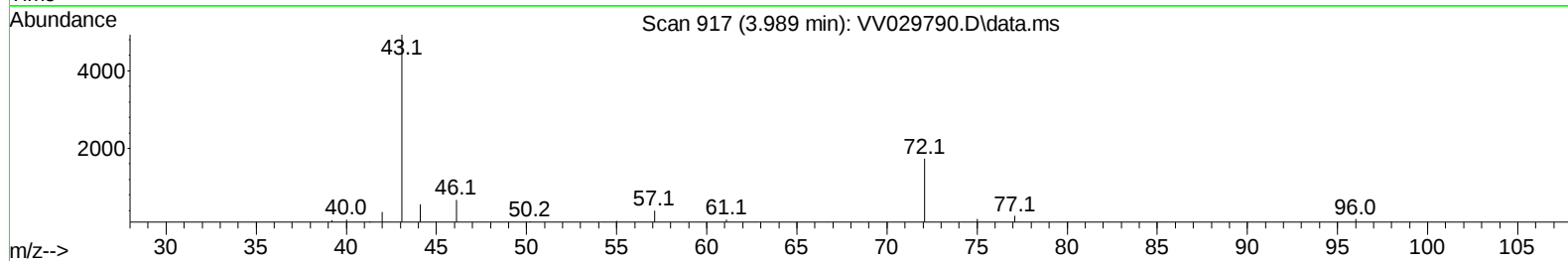
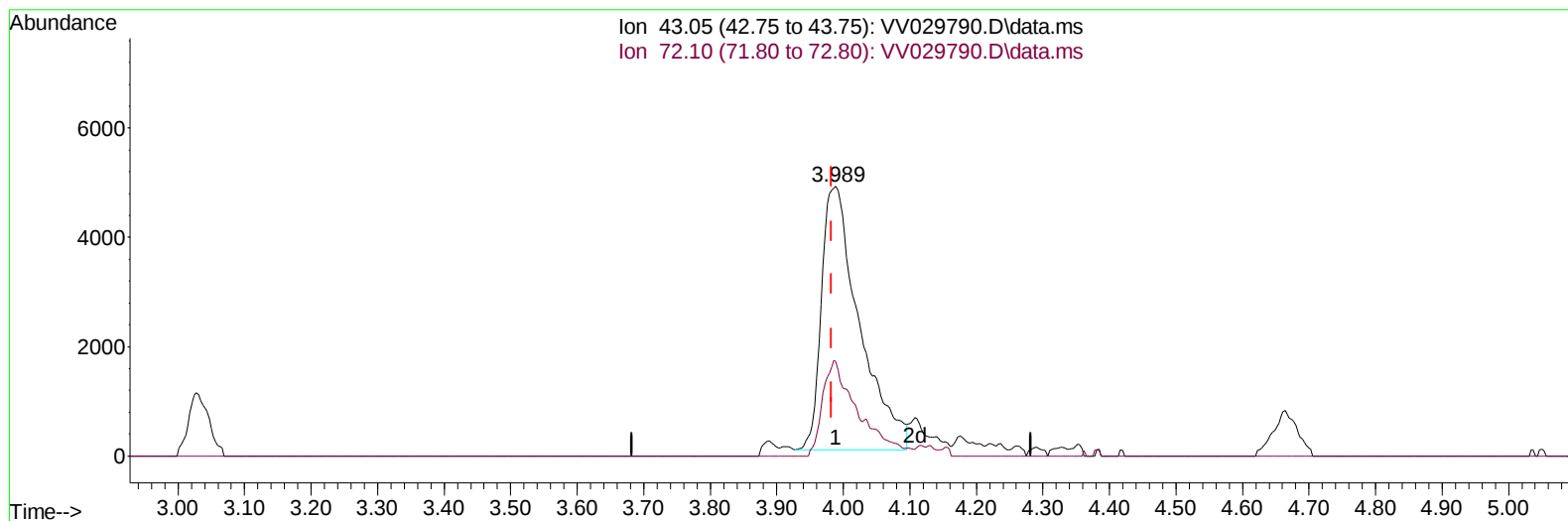
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TIC: VV029790.D\data.ms

(21) 2-Butanone (T)

3.989min (+ 0.006) 8.06 ug/L

response 19136

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	27.70	33.42
0.00	0.00	0.00
0.00	0.00	0.00

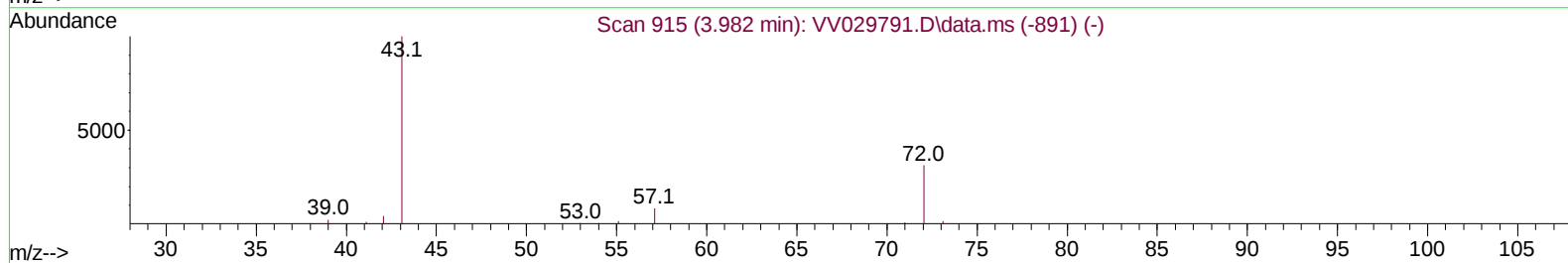
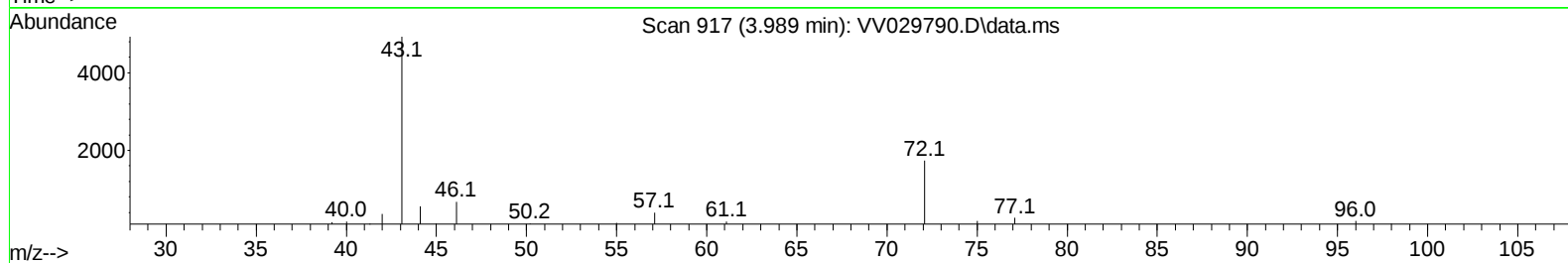
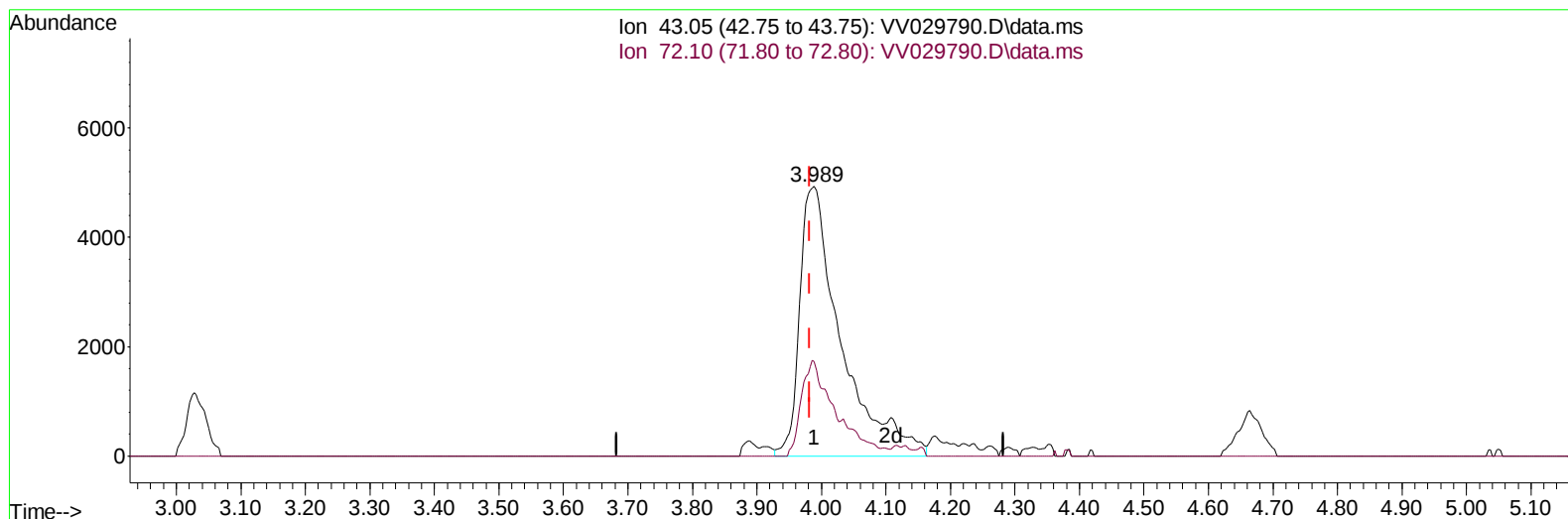
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Manual IntegrationsAPPROVED

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 Supervised By :Mahesh Dadoda 01/17/2023



TIC: VV029790.D\data.ms

(21) 2-Butanone (T)

3.989min (+ 0.006) 9.23 ug/L m

response 21908

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	27.70	29.19
0.00	0.00	0.00
0.00	0.00	0.00

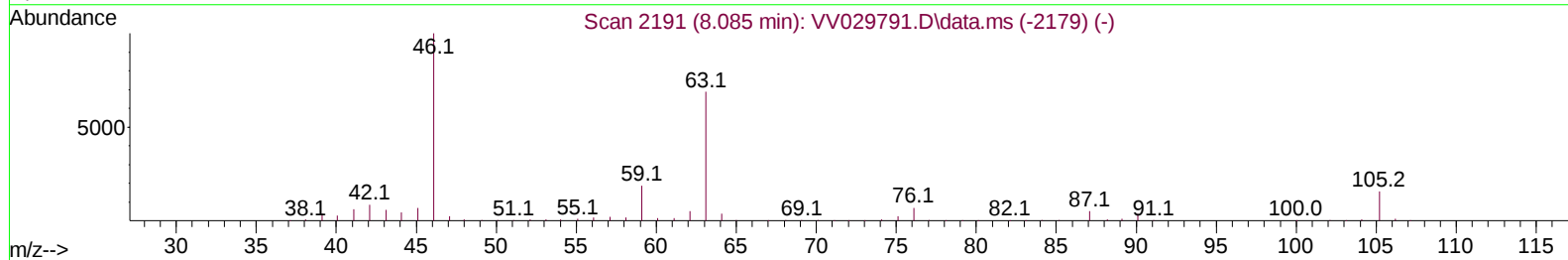
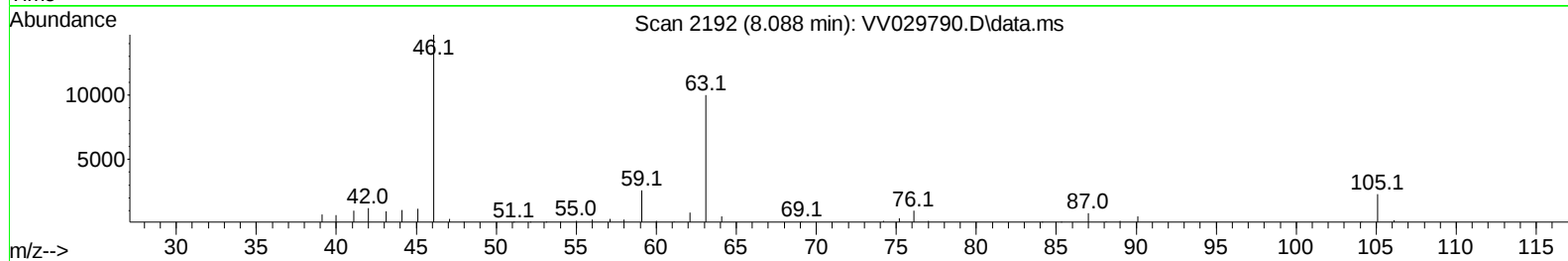
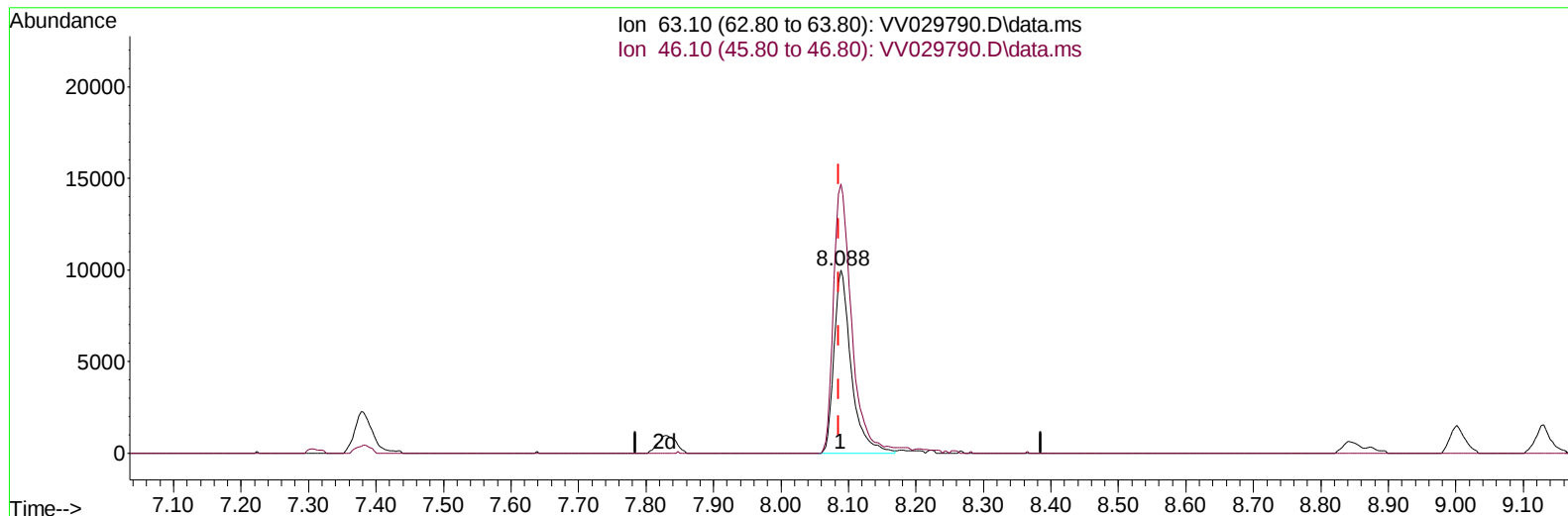
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TIC: VV029790.D\data.ms

(46) 2-Hexanone-d5 (S)

8.088min (+ 0.003) 8.66 ug/L

response 17702

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	150.40	156.03
0.00	0.00	0.00
0.00	0.00	0.00

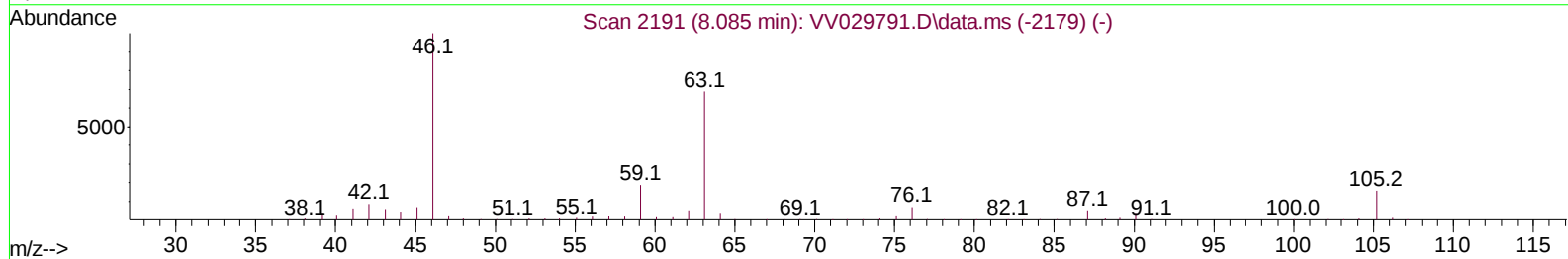
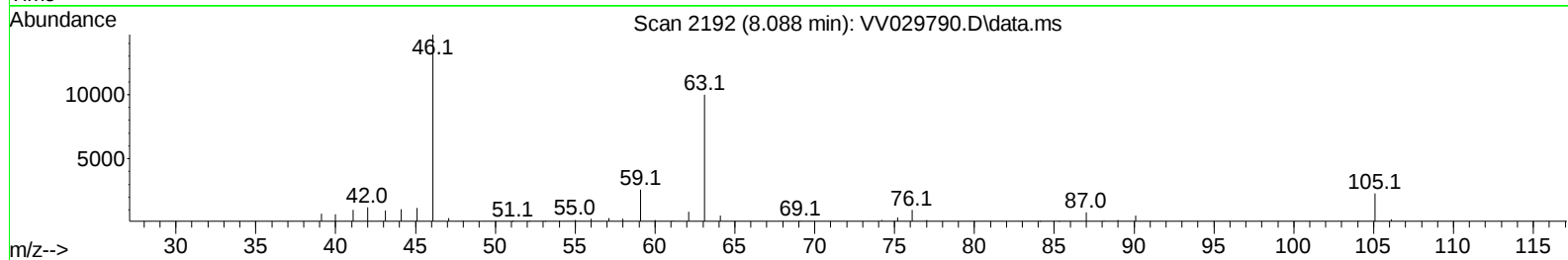
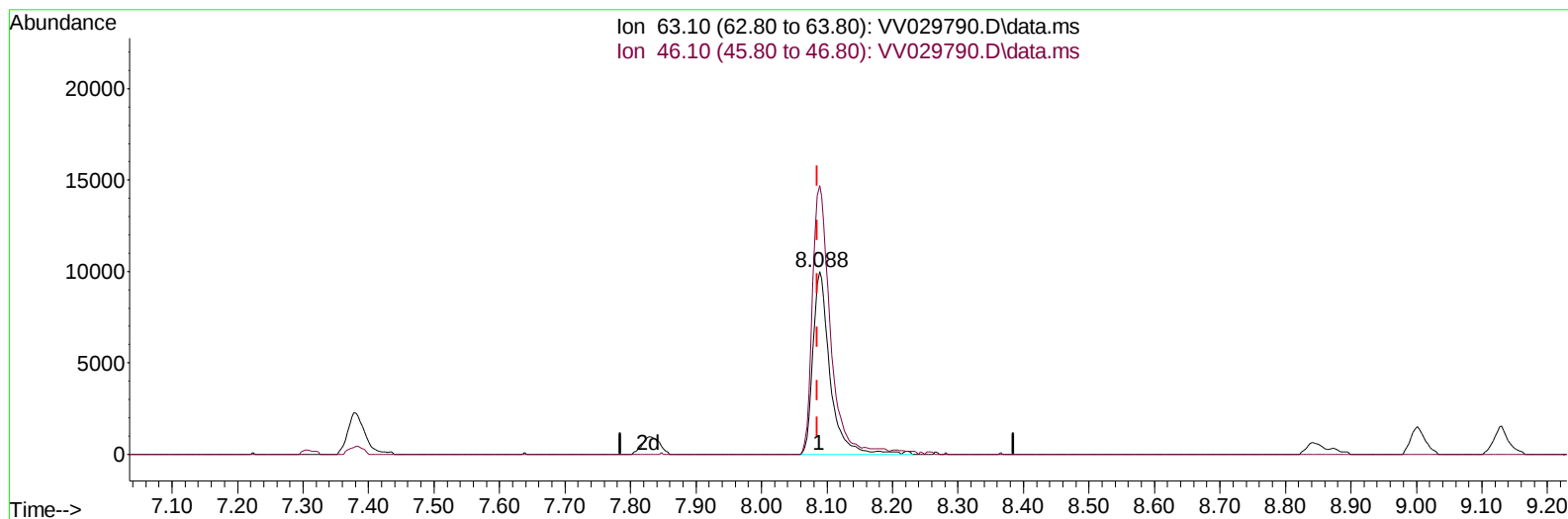
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Manual IntegrationsAPPROVED

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 Supervised By :Mahesh Dadoda 01/17/2023



TIC: VV029790.D\data.ms

(46) 2-Hexanone-d5 (S)

8.088min (+ 0.003) 8.87 ug/L m

response 18121

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	150.40	152.42
0.00	0.00	0.00
0.00	0.00	0.00

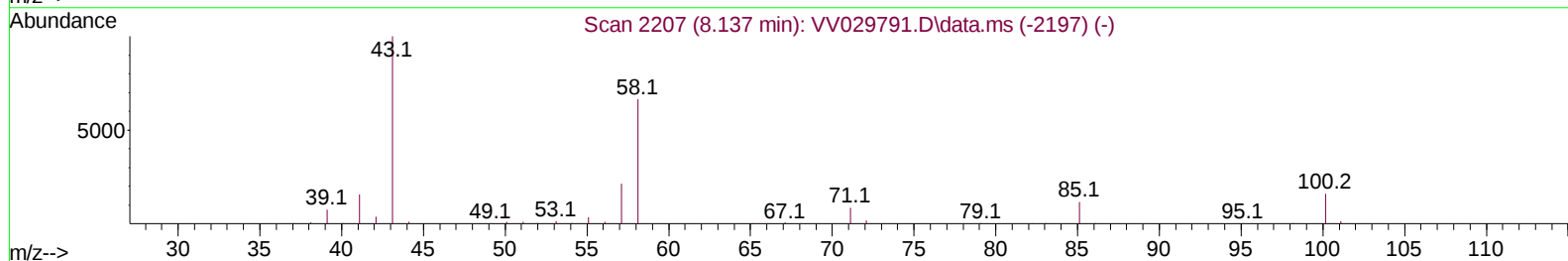
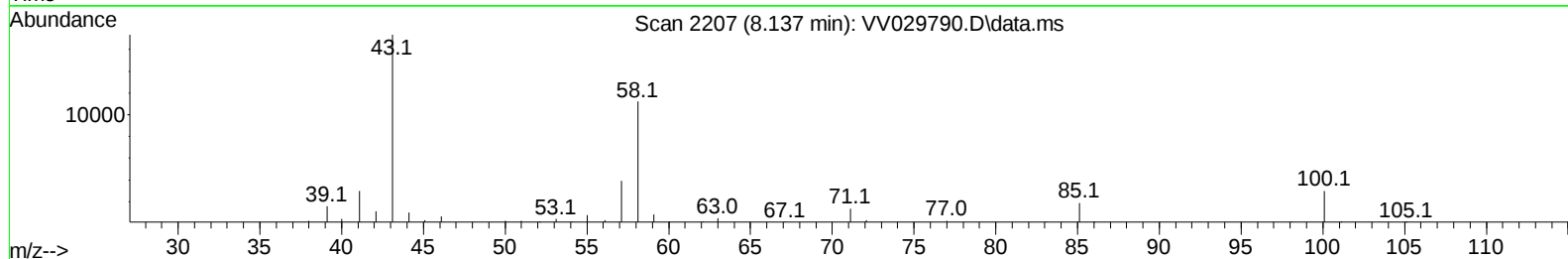
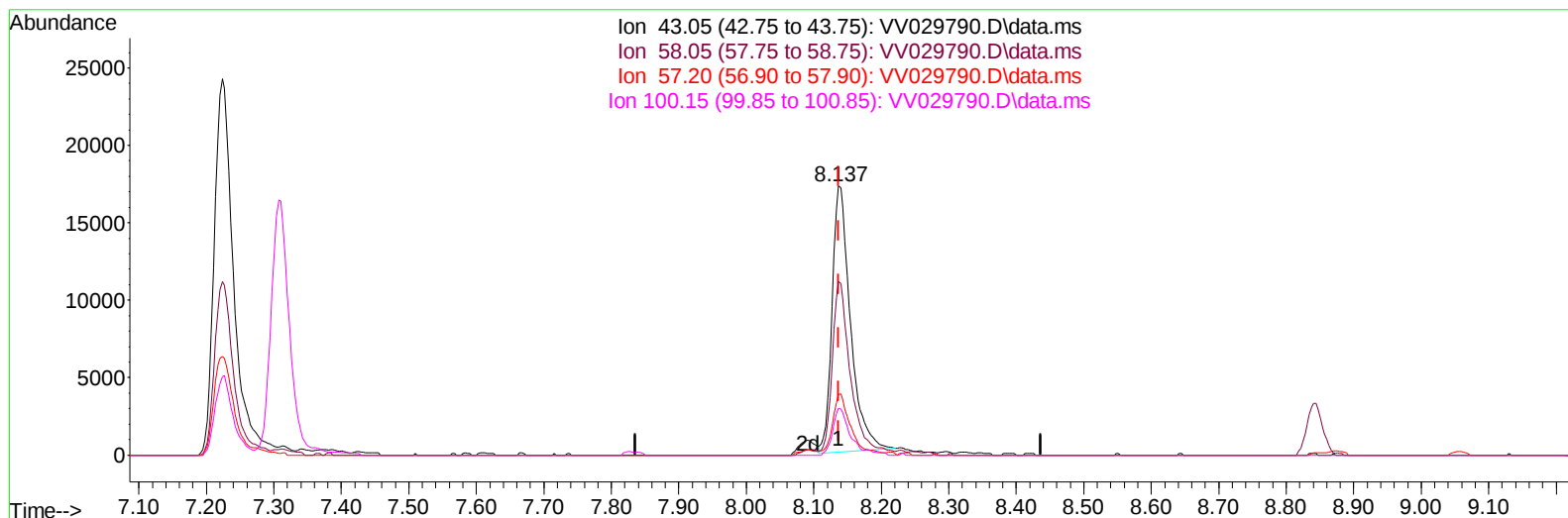
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TIC: VV029790.D\data.ms

(48) 2-Hexanone (T)

8.137min (0.000) 7.46 ug/L

response 32514

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	64.30	62.64
57.20	21.30	22.85
100.15	15.60	15.85

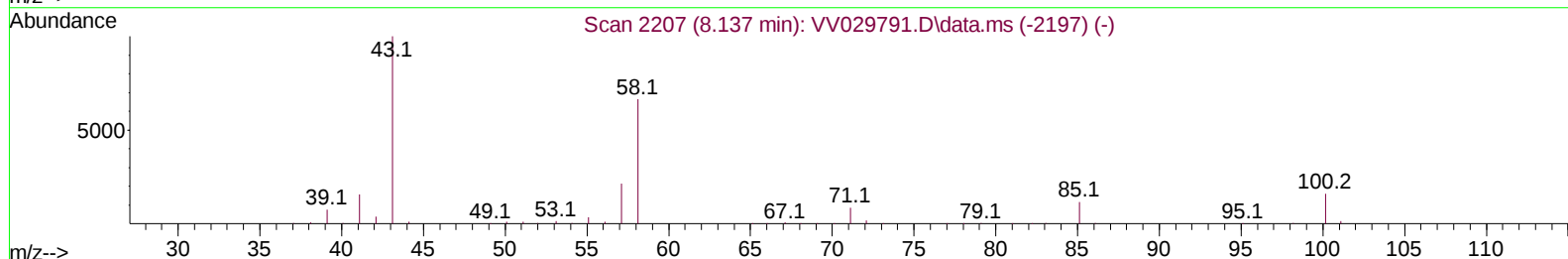
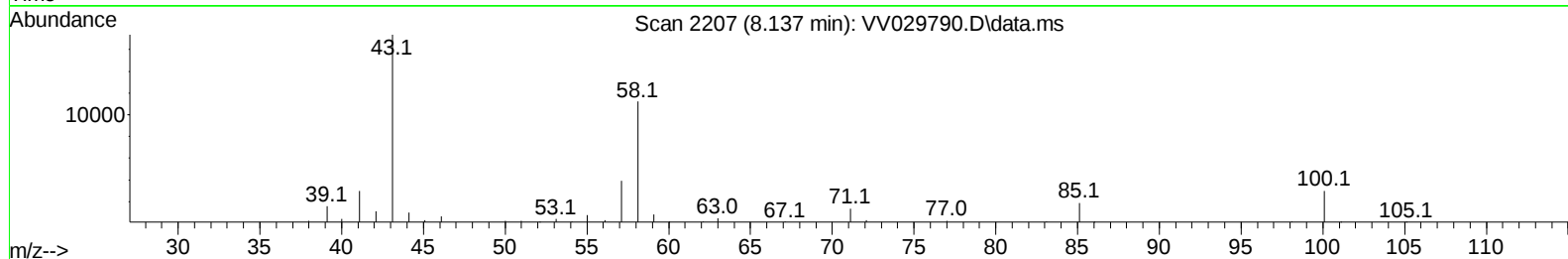
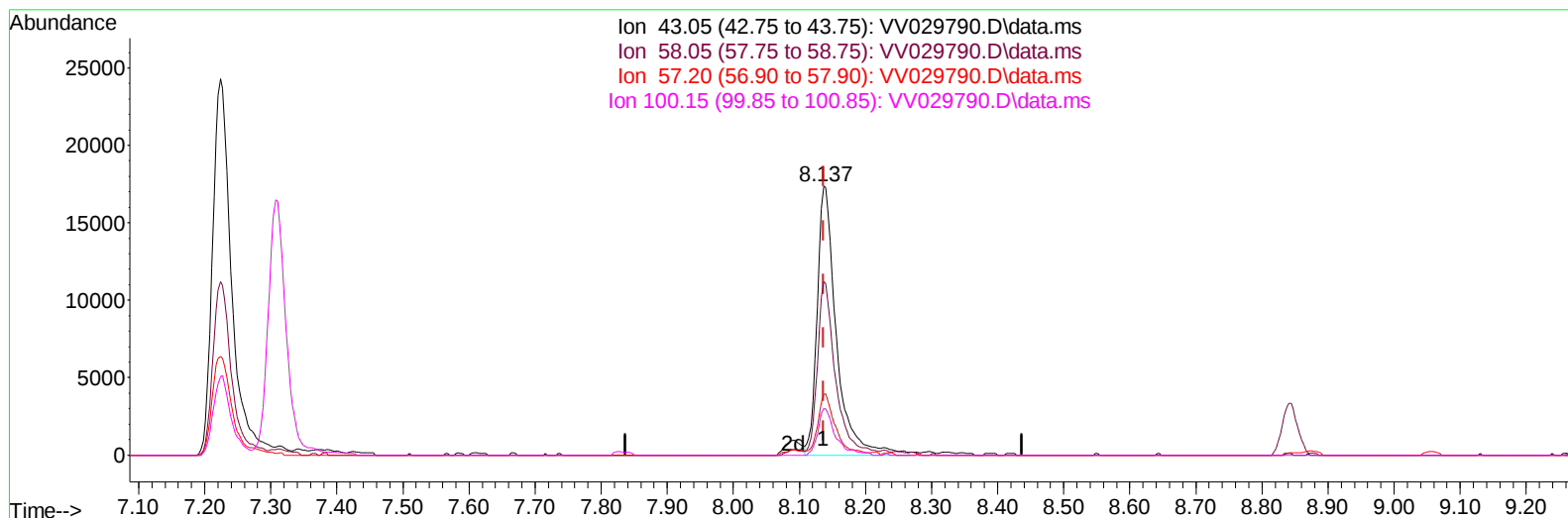
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TIC: VV029790.D\data.ms

(48) 2-Hexanone (T)

8.137min (0.000) 8.09 ug/L m

response 35278

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	64.30	57.73
57.20	21.30	21.06
100.15	15.60	14.61

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

Internal Standards						
1) 1,4-Difluorobenzene	5.606	114	192887	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.841	117	184797	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.236	152	102420	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	13699	1.111	ug/L	0.00
7) Chloroethane-d5	1.565	69	11610	1.257	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.105	63	25570	1.261	ug/L	0.00
20) 2-Butanone-d5	3.899	46	22333m	10.662	ug/L	0.00
24) Chloroform-d	4.339	84	24909	1.128	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.024	65	10458	1.082	ug/L	0.00
32) Benzene-d6	5.043	84	51213	1.002	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.059	67	15289	1.053	ug/L	0.00
41) Toluene-d8	7.307	98	44907	0.933	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.616	79	4970	0.902	ug/L	0.00
46) 2-Hexanone-d5	8.088	63	18121m	8.869	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.204	84	10888	1.170	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.616	152	17312	0.974	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	17144	1.117	ug/L	96
3) Chloromethane	1.240	50	18100	1.234	ug/L	99
5) Vinyl chloride	1.307	62	17309	1.197	ug/L	99
6) Bromomethane	1.520	94	8508	1.005	ug/L	98
8) Chloroethane	1.581	64	10309	1.189	ug/L	95
9) Trichlorofluoromethane	1.748	101	23032	1.152	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.111	101	13630	1.205	ug/L	99
12) 1,1-Dichloroethene	2.114	96	16677	1.517	ug/L	93
13) Acetone	2.175	43	18629	12.175	ug/L	98
14) Carbon disulfide	2.288	76	43548	1.306	ug/L	98
15) Methyl Acetate	2.436	43	4760m	1.101	ug/L	
16) Methylene chloride	2.500	84	21325	1.296	ug/L	96
17) Methyl tert-butyl Ether	2.761	73	23902	0.901	ug/L	98
18) trans-1,2-Dichloroethene	2.754	96	14007	1.129	ug/L	95
19) 1,1-Dichloroethane	3.179	63	24053	1.102	ug/L	98
21) 2-Butanone	3.989	43	21908m	9.231	ug/L	
22) cis-1,2-Dichloroethene	3.905	96	14480	1.042	ug/L	100
23) Bromochloromethane	4.243	128	6032	1.076	ug/L	95
25) Chloroform	4.365	83	26956	1.178	ug/L	99
27) 1,2-Dichloroethane	5.124	62	12368	1.006	ug/L	98
29) 1,1,1-Trichloroethane	4.593	97	23366	1.061	ug/L	99
30) Cyclohexane	4.664	56	19776	0.913	ug/L	96
31) Carbon tetrachloride	4.815	117	20071	1.073	ug/L	97
33) Benzene	5.092	78	55344	0.963	ug/L	100
34) Trichloroethene	5.908	95	14406	0.987	ug/L	97
35) Methylcyclohexane	6.121	83	22230	0.906	ug/L	98
37) 1,2-Dichloropropane	6.166	63	12712	0.940	ug/L	100
38) Bromodichloromethane	6.503	83	16856	1.024	ug/L	91
39) cis-1,3-Dichloropropene	7.024	75	15866	0.826	ug/L	96
40) 4-Methyl-2-pentanone	7.223	43	48457	7.791	ug/L	99
42) Toluene	7.381	91	58418	0.946	ug/L	96

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Manual IntegrationsAPPROVED

Reviewed By :Krupa Patel 01/17/2023
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Quant Time: Jan 12 21:48:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011223WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Jan 12 21:47:28 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.645	75	12559	0.817	ug/L	93
45) 1,1,2-Trichloroethane	7.831	97	9855	1.068	ug/L	96
47) Tetrachloroethene	7.966	164	12455	1.034	ug/L	99
48) 2-Hexanone	8.137	43	35278m	8.089	ug/L	
49) Dibromochloromethane	8.236	129	10672	1.017	ug/L	99
50) 1,2-Dibromoethane	8.342	107	8212	1.019	ug/L	97
51) Chlorobenzene	8.873	112	38176	0.990	ug/L	98
52) Ethylbenzene	9.002	91	60183	0.938	ug/L	98
53) m,p-Xylene	9.130	106	23507	0.923	ug/L	98
54) o-Xylene	9.535	106	22183	0.900	ug/L	99
55) Styrene	9.551	104	36687	0.873	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.230	83	10805	1.107	ug/L	97
59) Bromoform	9.722	173	6125	1.067	ug/L	98
60) Isopropylbenzene	9.921	105	58138	0.865	ug/L	99
61) 1,2,3-Trichloropropane	10.262	75	7361	1.008	ug/L	97
62) 1,3,5-Trimethylbenzene	10.529	105	48064	0.833	ug/L	99
63) 1,2,4-Trimethylbenzene	10.902	105	47285	0.813	ug/L	99
64) 1,3-Dichlorobenzene	11.172	146	32059	1.009	ug/L	98
65) 1,4-Dichlorobenzene	11.262	146	30937	0.983	ug/L	96
67) 1,2-Dichlorobenzene	11.632	146	27610	0.945	ug/L	100
68) 1,2-Dibromo-3-chloropr...	12.413	75	1792	1.213	ug/L #	68
69) 1,3,5-Trichlorobenzene	12.632	180	24141	0.926	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	18392	0.877	ug/L	98
71) Naphthalene	13.493	128	21367	1.055	ug/L	100
72) 1,2,3-Trichlorobenzene	13.731	180	14586	0.852	ug/L	99

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

