

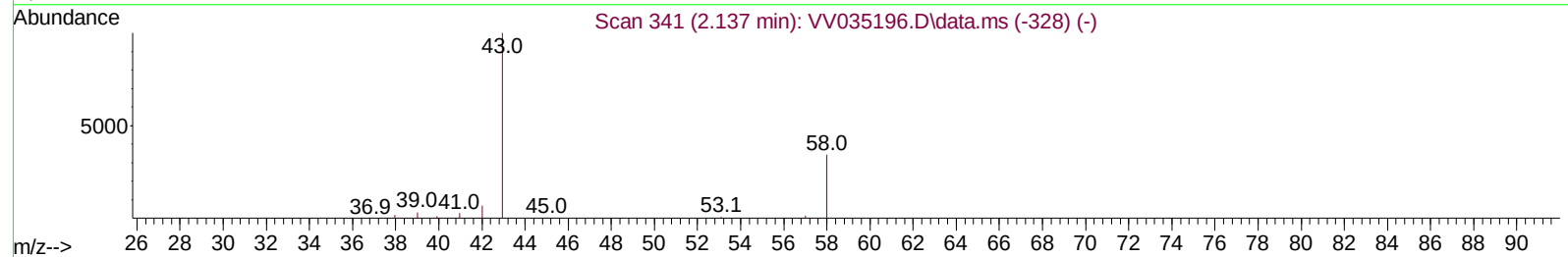
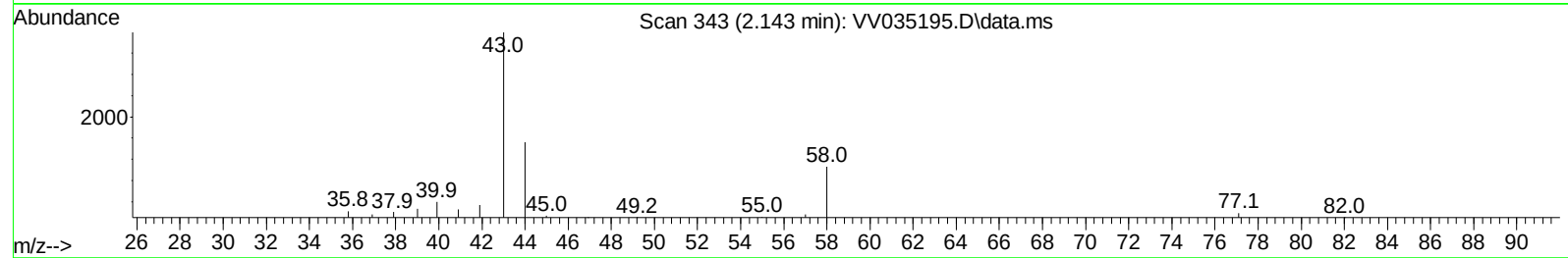
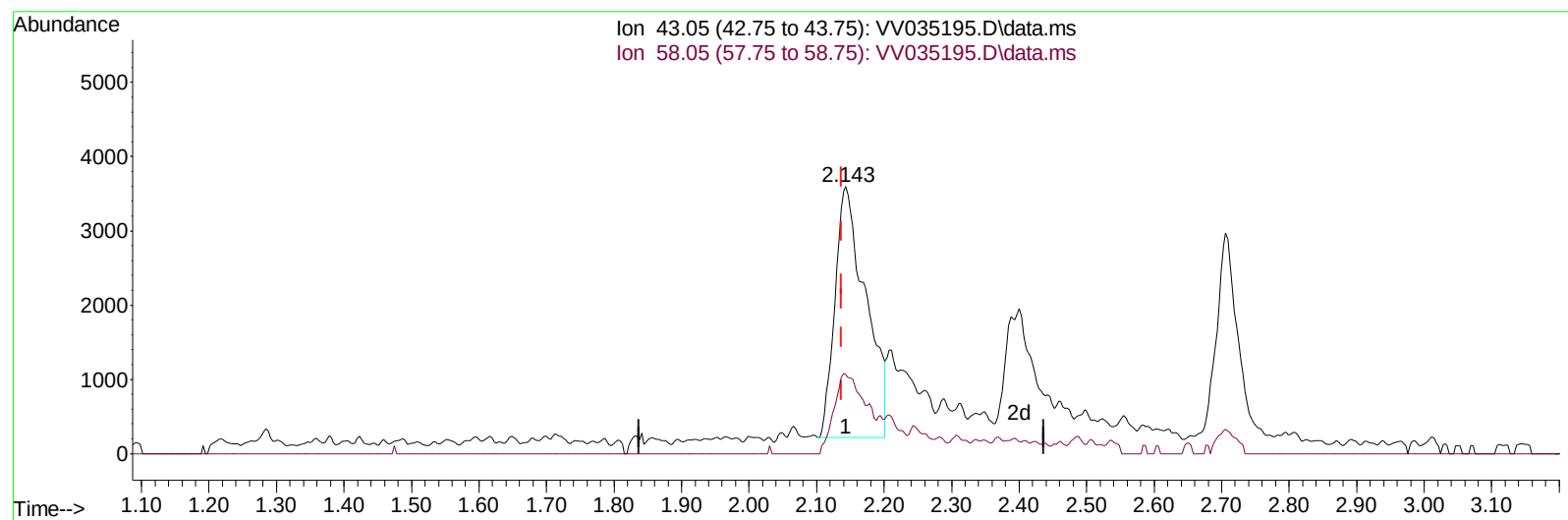
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV041524\
Data File : VV035195.D
Acq On : 15 Apr 2024 12:43
Operator : SY/MD
Sample : VSTD00153
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD001253

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024

Quant Time: Apr 15 23:58:37 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Apr 15 23:57:40 2024
Response via : Initial Calibration



TIC: VV035195.D\data.ms

(13) Acetone (T)

2.143min (+ 0.006) 3.72 ug/L

response 10682

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	19.60	32.15
0.00	0.00	0.00
0.00	0.00	0.00

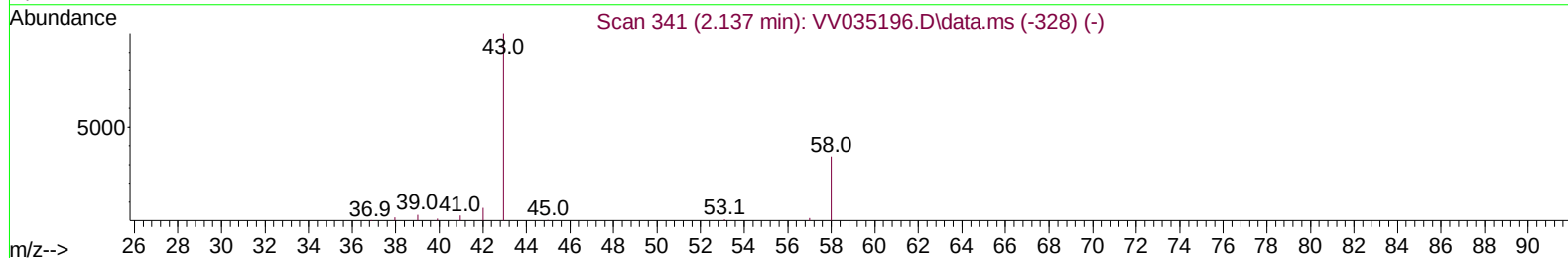
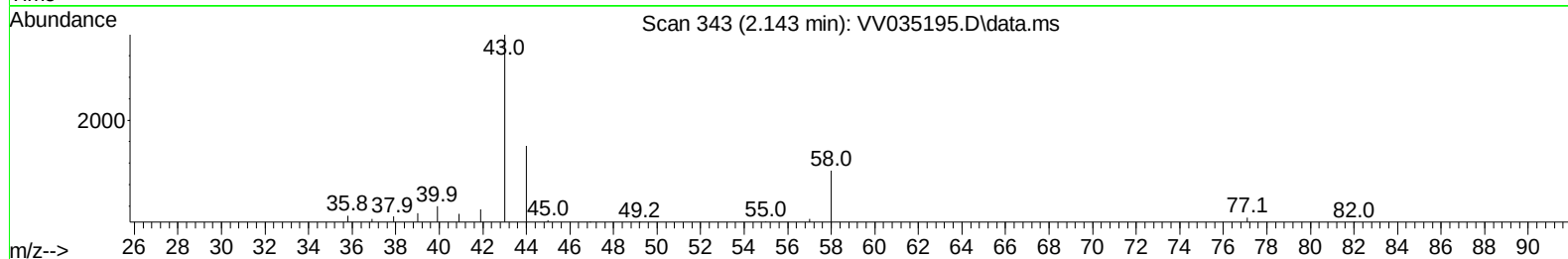
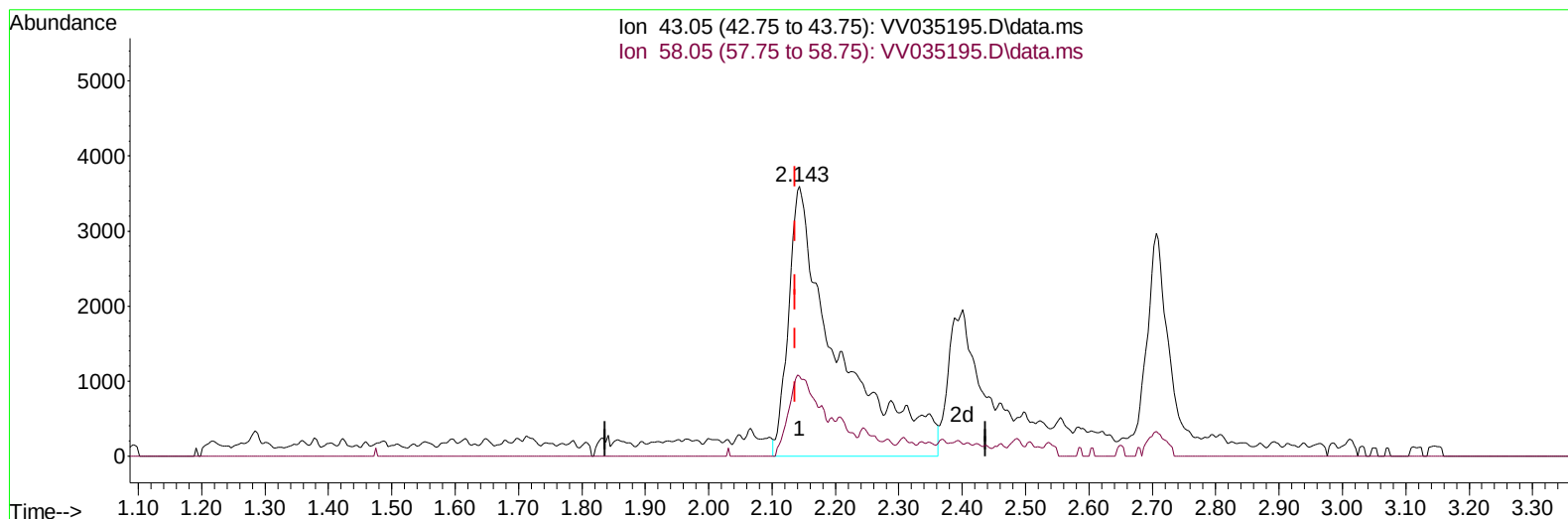
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(13) Acetone (T)

2.143min (+ 0.006) 6.72 ug/L m

response 19309

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	19.60	17.78
0.00	0.00	0.00
0.00	0.00	0.00

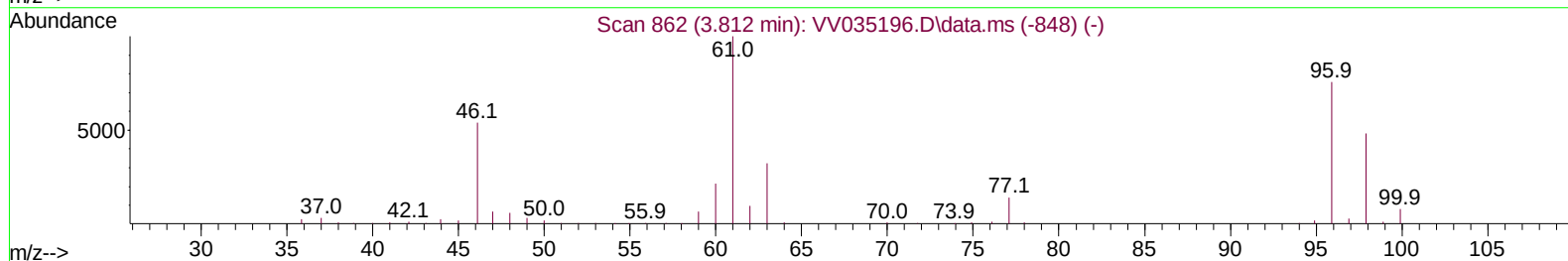
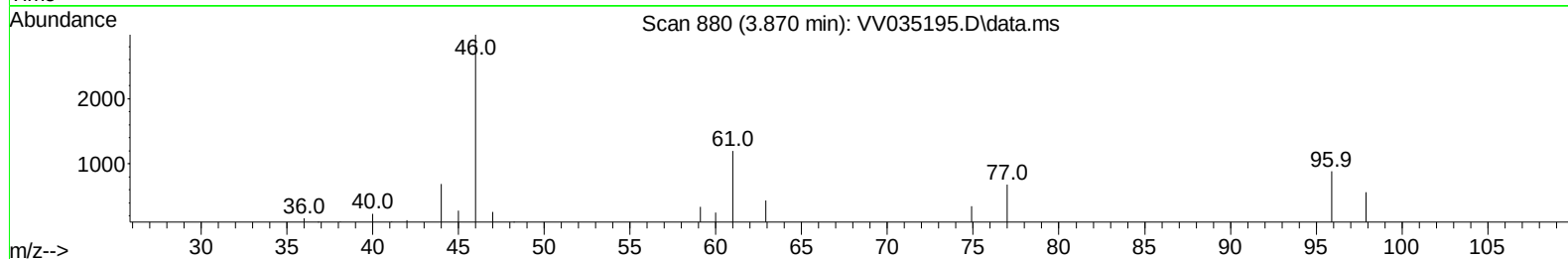
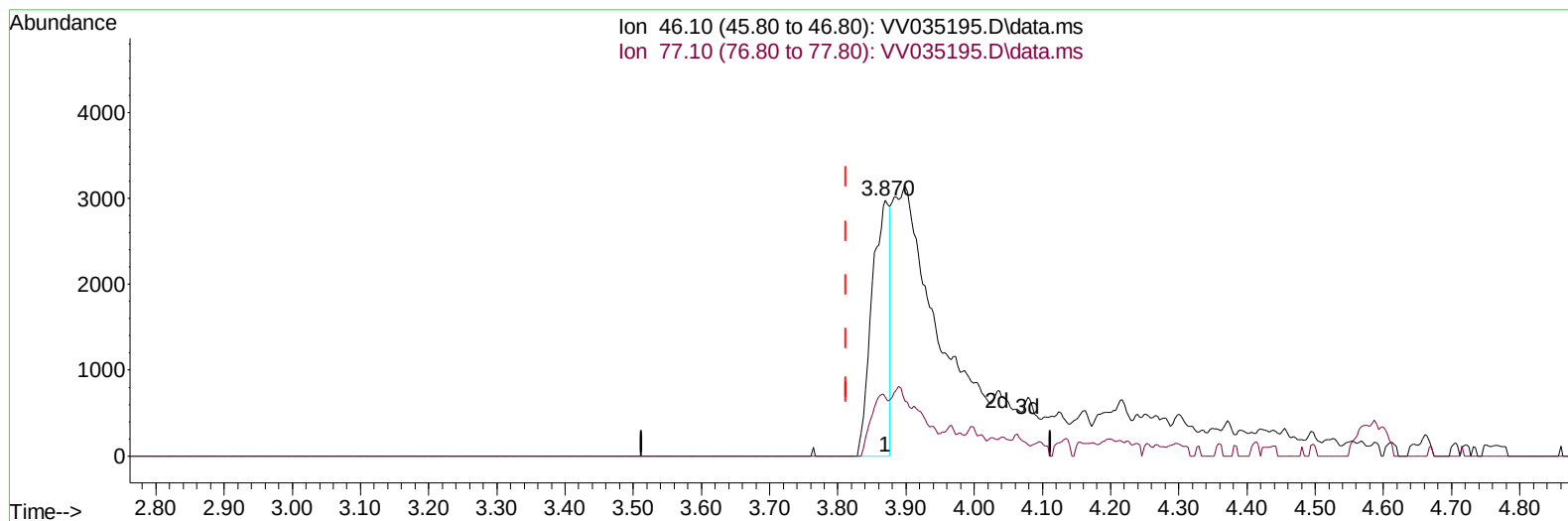
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(20) 2-Butanone-d5 (S)**3.870min (+ 0.058) 1.81 ug/L****response 5416**

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	10.30	22.05#
0.00	0.00	0.00
0.00	0.00	0.00

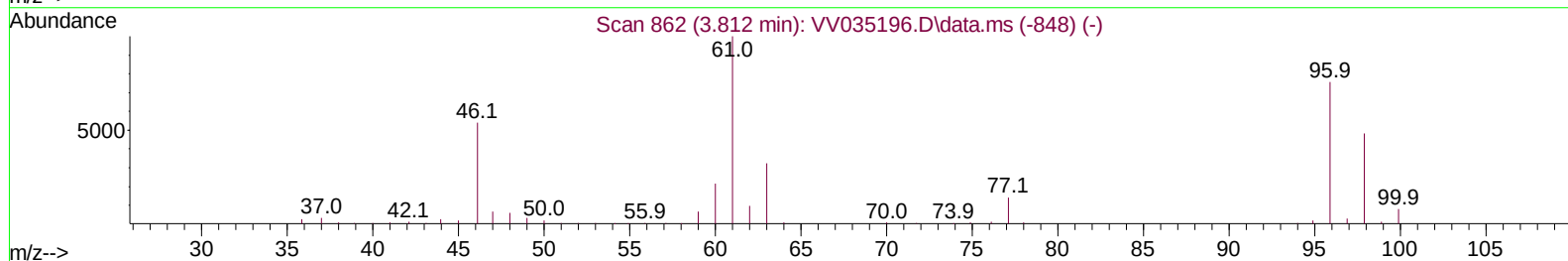
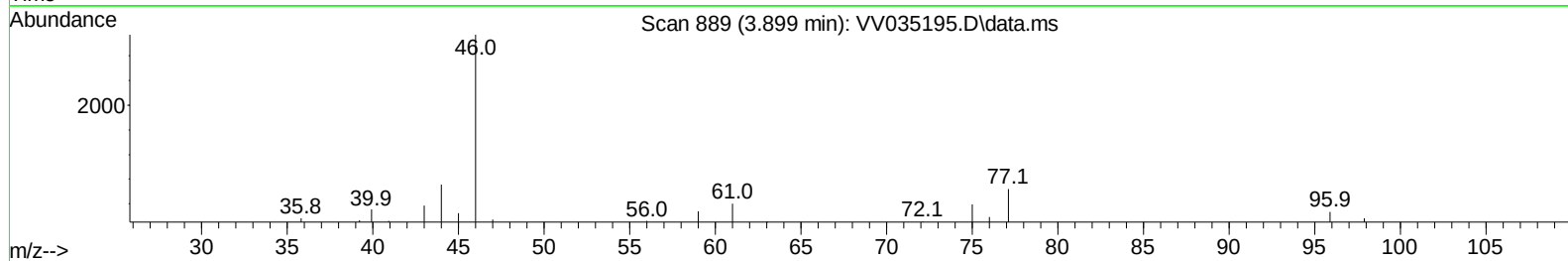
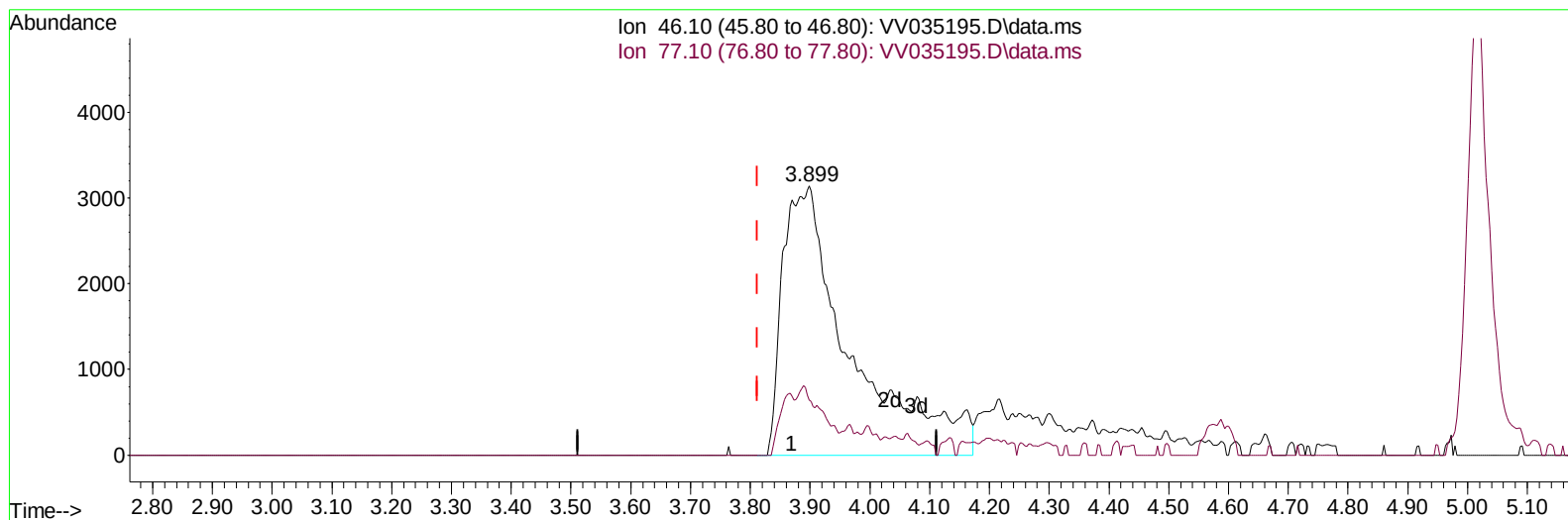
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TIC: VV035195.D\data.ms

(20) 2-Butanone-d5 (S)**3.899min (+ 0.087) 8.25 ug/L m****response 24711**

Ion	Exp%	Act%
46.10	100.00	100.00
77.10	10.30	4.83#
0.00	0.00	0.00
0.00	0.00	0.00

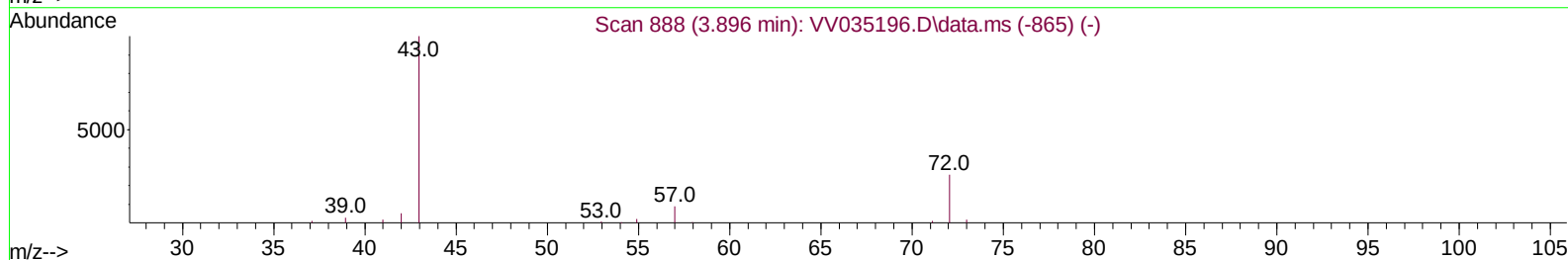
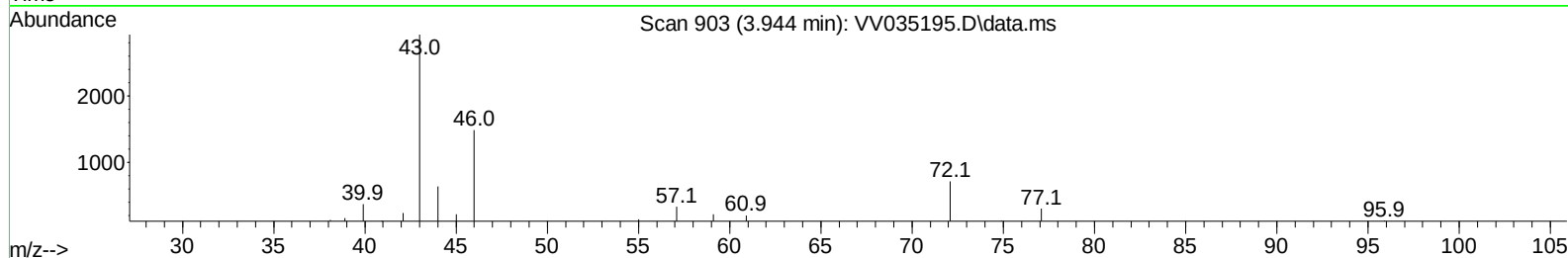
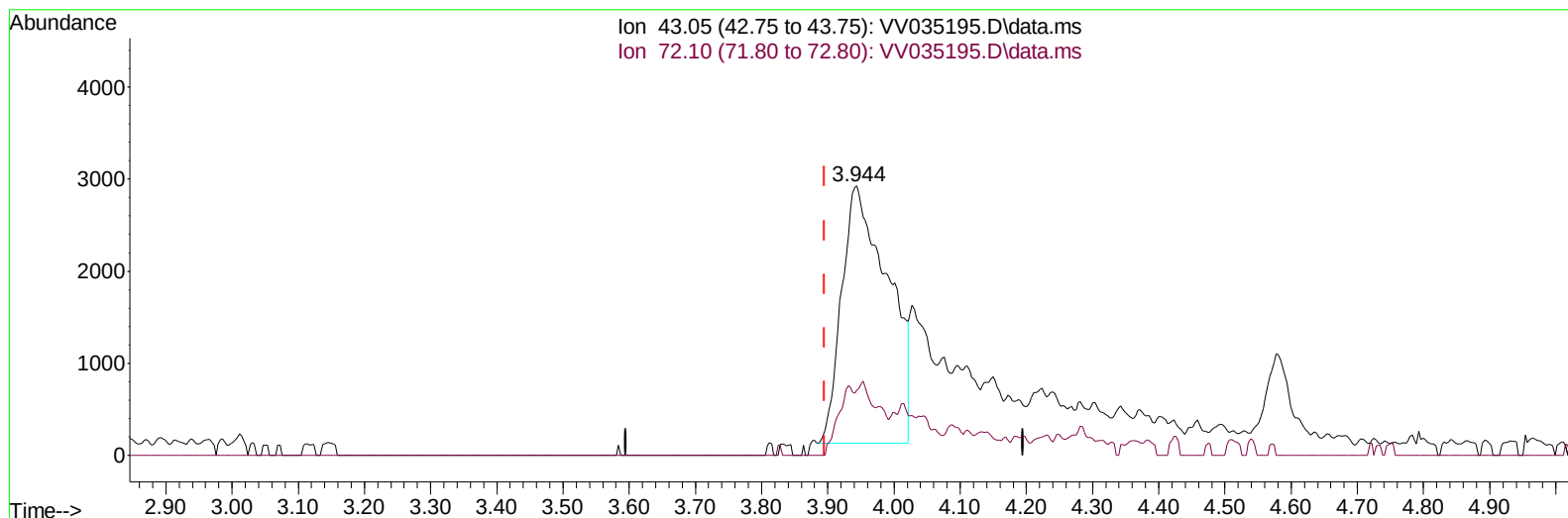
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TIC: VV035195.D\data.ms

(21) 2-Butanone (T)

3.944min (+ 0.048) 4.18 ug/L

response 13630

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	12.50	2.96#
0.00	0.00	0.00
0.00	0.00	0.00

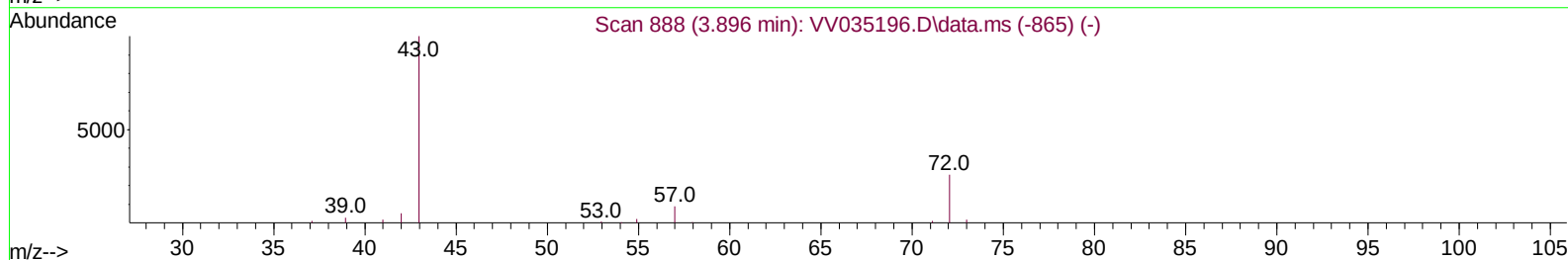
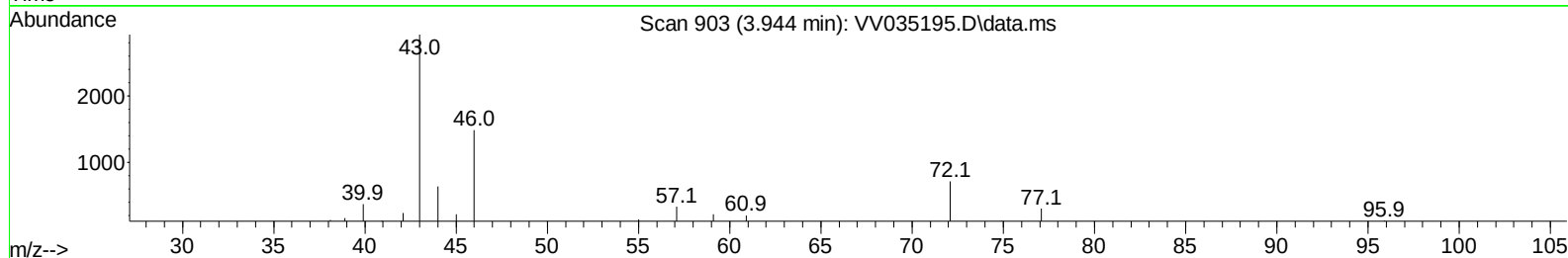
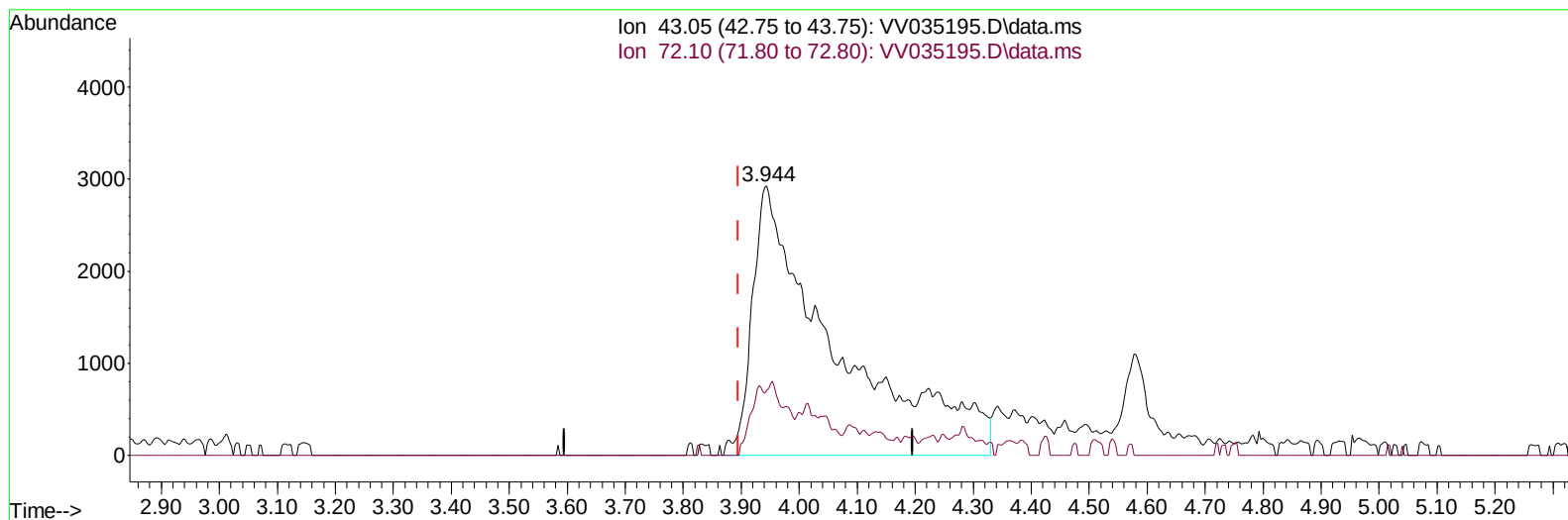
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Reviewed By :Mahesh Dadoda 04/17/2024
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TIC: VV035195.D\data.ms

(21) 2-Butanone (T)

3.944min (+ 0.048) 8.88 ug/L m

response 29004

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	12.50	1.39#
0.00	0.00	0.00
0.00	0.00	0.00

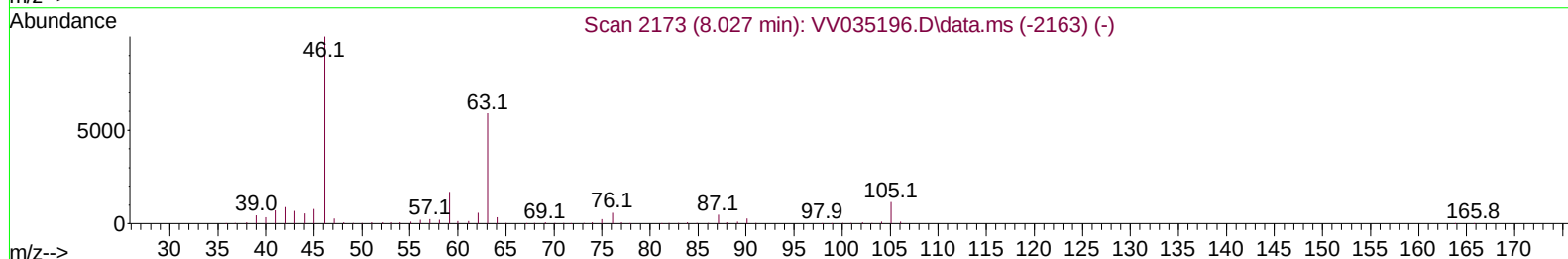
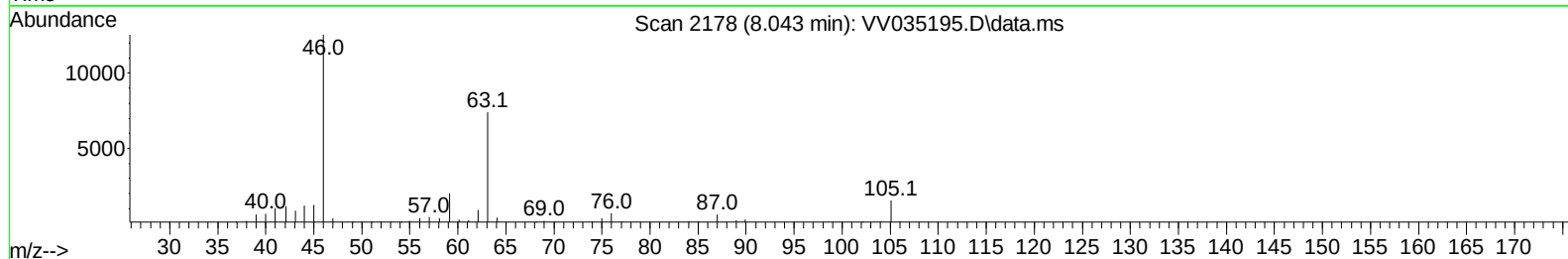
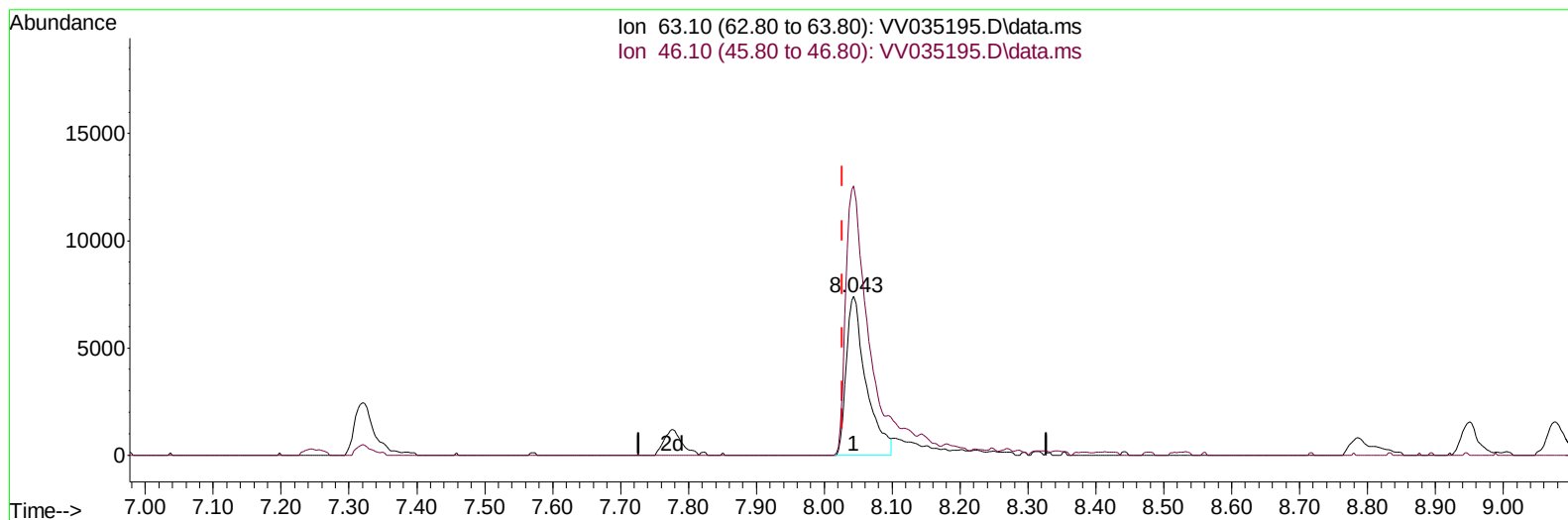
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TIC: VV035195.D\data.ms

(46) 2-Hexanone-d5 (S)

8.043min (+ 0.016) 5.44 ug/L

response 14878

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	173.60	203.93
0.00	0.00	0.00
0.00	0.00	0.00

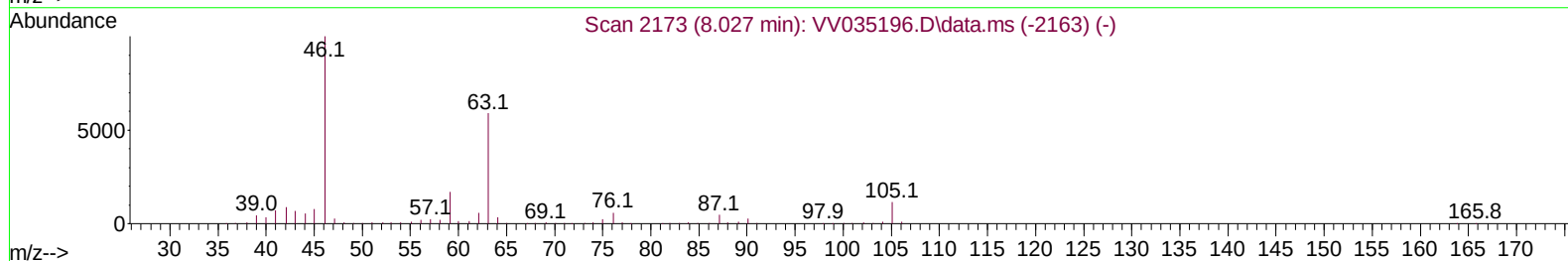
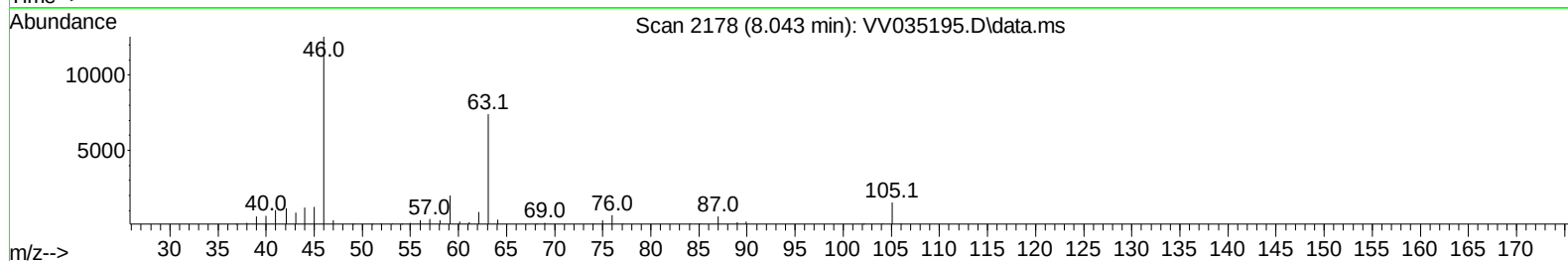
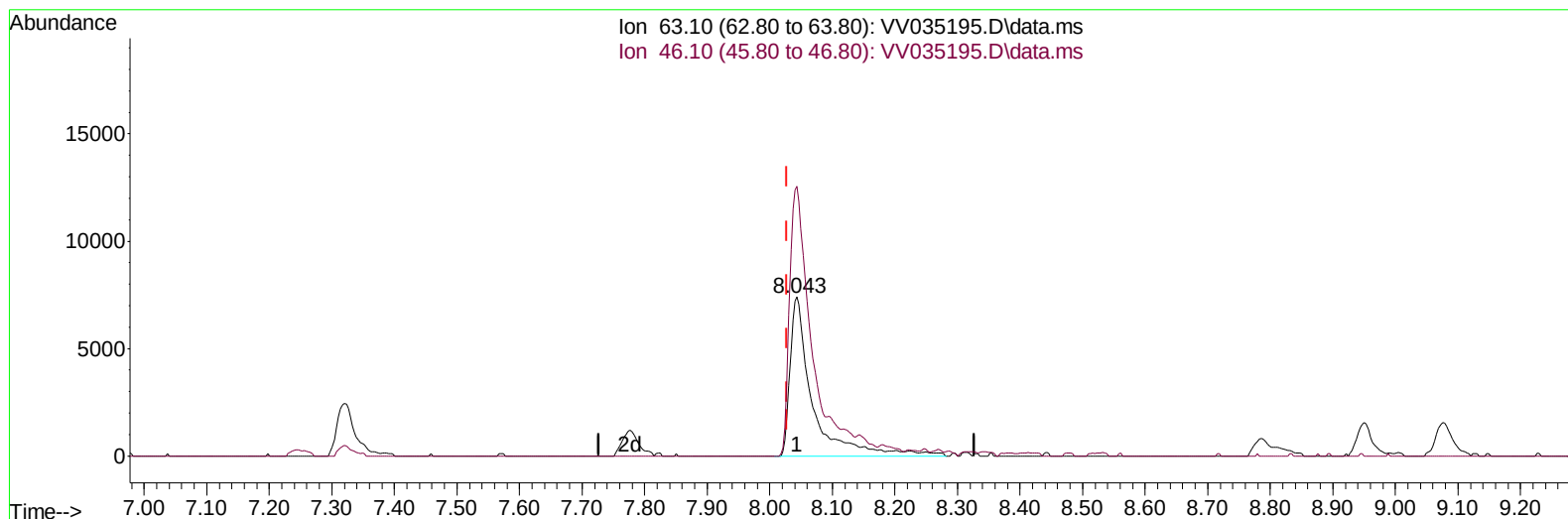
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Manual IntegrationsAPPROVED

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TIC: VV035195.D\data.ms

(46) 2-Hexanone-d5 (S)

8.043min (+ 0.016) 6.72 ug/L m

response 18368

Ion	Exp%	Act%
63.10	100.00	100.00
46.10	173.60	165.18
0.00	0.00	0.00
0.00	0.00	0.00

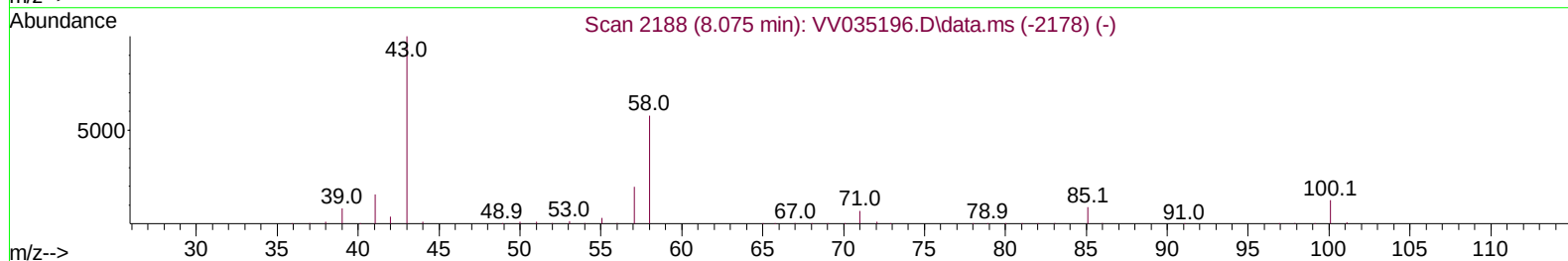
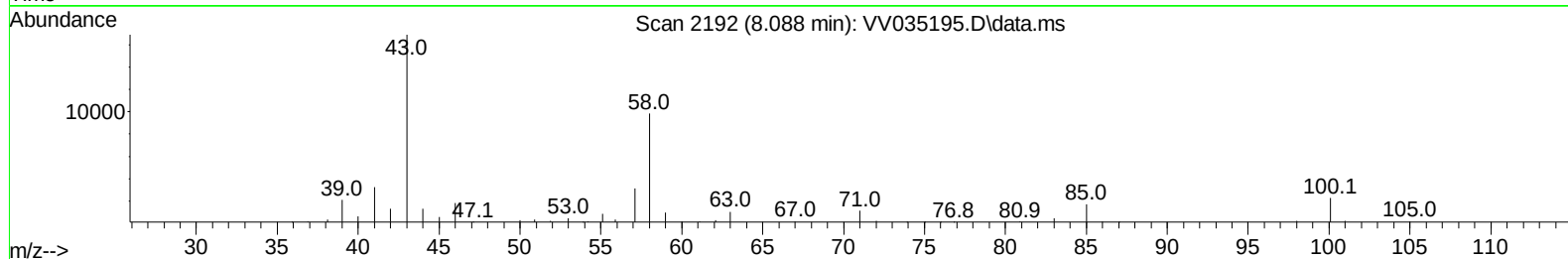
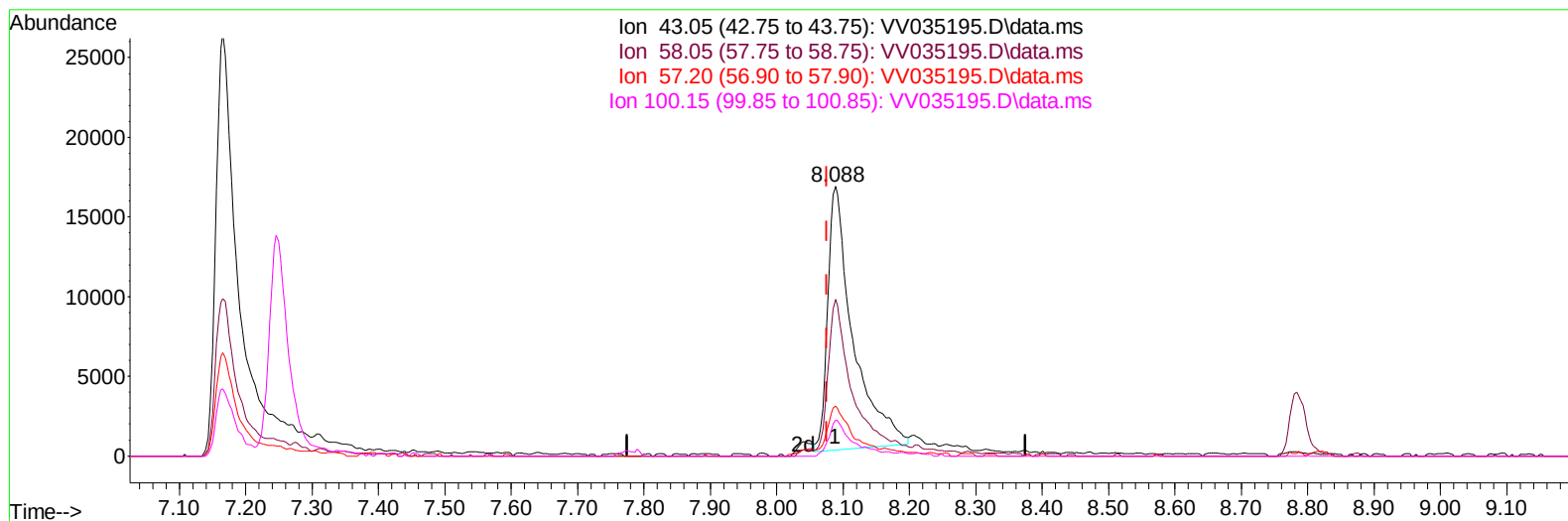
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TIC: VV035195.D\data.ms

(48) 2-Hexanone (T)

8.088min (+ 0.013) 7.24 ug/L

response 44033

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	56.50	52.31
57.20	19.40	17.07
100.15	12.00	12.20

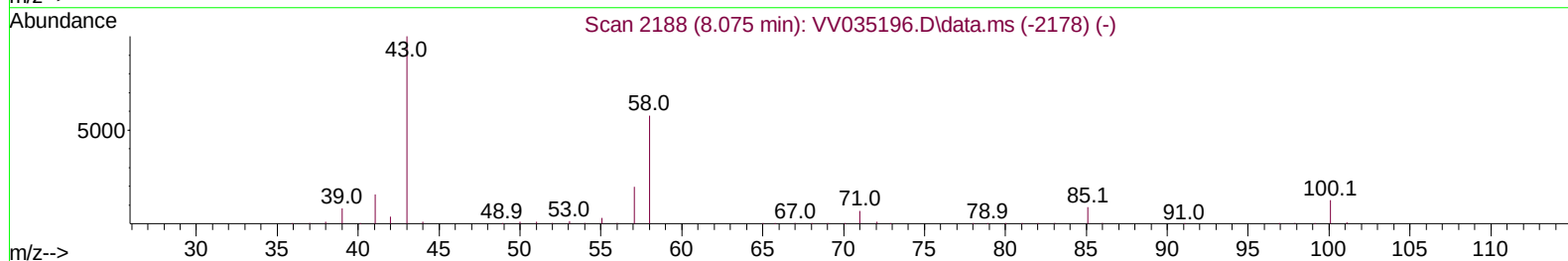
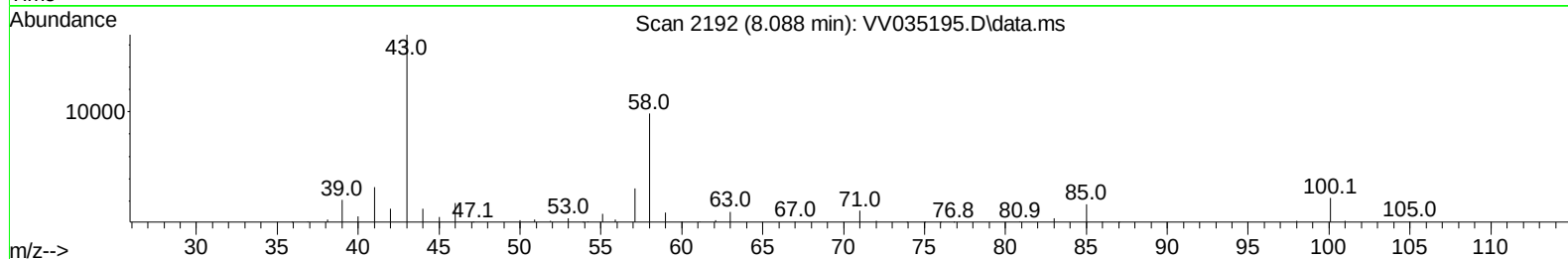
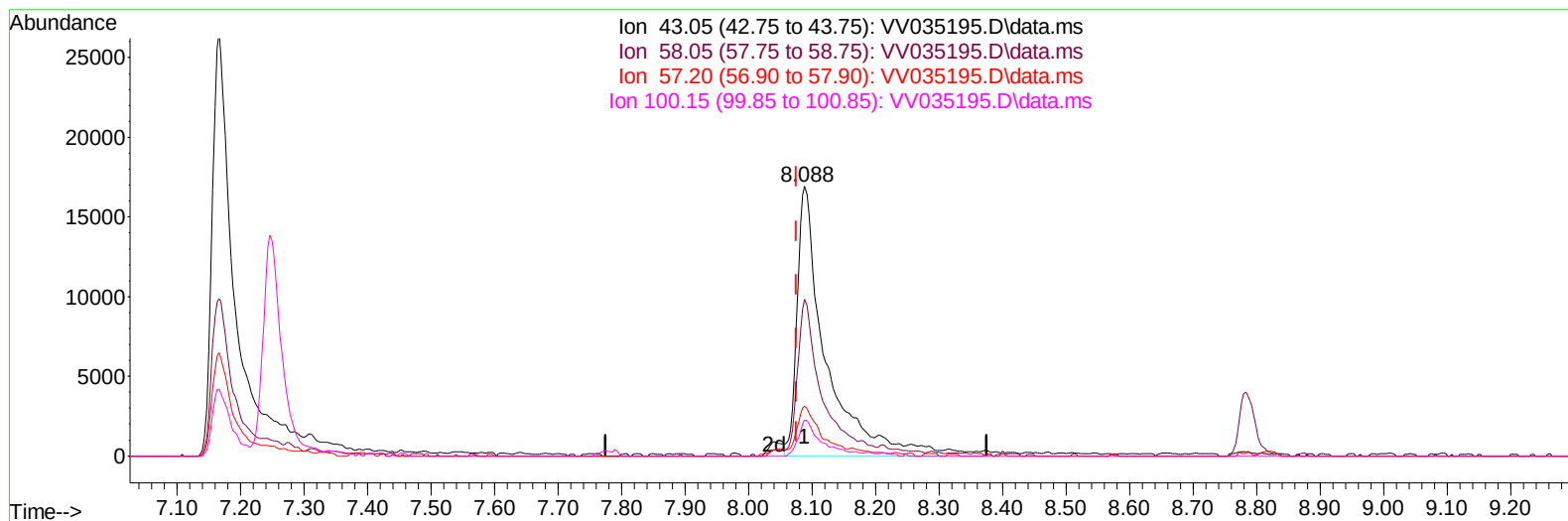
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TIC: VV035195.D\data.ms

(48) 2-Hexanone (T)

8.088min (+ 0.013) 8.67 ug/L m

response 52676

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	56.50	43.73#
57.20	19.40	14.27#
100.15	12.00	10.20

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	196564	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	196727	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	93171	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	16866	1.300	ug/L	0.00
7) Chloroethane-d5	1.532	69	13625	1.240	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	7539	1.296	ug/L	0.00
20) 2-Butanone-d5	3.899	46	24711m	8.250	ug/L	0.09
24) Chloroform-d	4.259	84	26797	1.101	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.957	65	12797	1.054	ug/L	0.01
32) Benzene-d6	4.966	84	51969	1.100	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.995	67	16308	1.152	ug/L	0.00
41) Toluene-d8	7.246	98	43585	1.018	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.571	79	5062	0.970	ug/L	0.02
46) 2-Hexanone-d5	8.043	63	18368m	6.722	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.153	84	11835	1.061	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	16165	1.097	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	17253	1.251	ug/L	97
3) Chloromethane	1.214	50	20695	1.284	ug/L	97
5) Vinyl chloride	1.282	62	19788	1.242	ug/L	98
6) Bromomethane	1.490	94	11358	1.262	ug/L	95
8) Chloroethane	1.548	64	12519	1.136	ug/L	97
9) Trichlorofluoromethane	1.712	101	24746	1.021	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	14191	1.055	ug/L	95
12) 1,1-Dichloroethene	2.069	96	14162	1.101	ug/L	90
13) Acetone	2.143	43	19309m	6.722	ug/L	
14) Carbon disulfide	2.240	76	42219	1.170	ug/L	98
15) Methyl Acetate	2.400	43	4185	0.815	ug/L #	84
16) Methylene chloride	2.449	84	18219	1.222	ug/L	90
17) Methyl tert-butyl Ether	2.706	73	29381	0.914	ug/L	100
18) trans-1,2-Dichloroethene	2.696	96	13661	1.042	ug/L	93
19) 1,1-Dichloroethane	3.114	63	28781	1.127	ug/L	97
21) 2-Butanone	3.944	43	29004m	8.885	ug/L	
22) cis-1,2-Dichloroethene	3.828	96	14424	1.017	ug/L	99
23) Bromochloromethane	4.156	128	6475	1.088	ug/L	94
25) Chloroform	4.278	83	27895	1.069	ug/L	94
27) 1,2-Dichloroethane	5.056	62	16014	1.021	ug/L #	94
29) 1,1,1-Trichloroethane	4.513	97	22967	0.923	ug/L	100
30) Cyclohexane	4.580	56	19891	0.908	ug/L	97
31) Carbon tetrachloride	4.735	117	19932	0.929	ug/L	97
33) Benzene	5.018	78	56146	0.993	ug/L	100
34) Trichloroethene	5.841	95	15108	1.025	ug/L	95
35) Methylcyclohexane	6.047	83	20493	0.886	ug/L	96
37) 1,2-Dichloropropane	6.098	63	14560	1.027	ug/L #	93
38) Bromodichloromethane	6.439	83	17315	0.914	ug/L #	96
39) cis-1,3-Dichloropropene	6.966	75	15634	0.805	ug/L	93
40) 4-Methyl-2-pentanone	7.166	43	66631	7.912	ug/L	91
42) Toluene	7.320	91	56182	0.945	ug/L	97

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 Supervised By :Semsettin Yesilyurt 04/17/2024

Quant Time: Apr 15 23:58:37 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR041524WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Mon Apr 15 23:57:40 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.593	75	14150	0.892	ug/L	89
45) 1,1,2-Trichloroethane	7.776	97	10140	1.054	ug/L	96
47) Tetrachloroethene	7.908	164	11702	1.014	ug/L	93
48) 2-Hexanone	8.088	43	52676m	8.666	ug/L	
49) Dibromochloromethane	8.178	129	10480	0.963	ug/L	93
50) 1,2-Dibromoethane	8.288	107	9828	1.093	ug/L #	89
51) Chlorobenzene	8.818	112	37902	0.993	ug/L	99
52) Ethylbenzene	8.950	91	57447	0.873	ug/L	97
53) m,p-Xylene	9.075	106	19734	0.806	ug/L	98
54) o-Xylene	9.481	106	19208	0.794	ug/L	95
55) Styrene	9.503	104	30192	0.763	ug/L	96
57) 1,1,2,2-Tetrachloroethane	10.181	83	12194	1.046	ug/L	98
59) Bromoform	9.667	173	5071	1.036	ug/L	98
60) Isopropylbenzene	9.866	105	50907	0.890	ug/L	99
61) 1,2,3-Trichloropropane	10.214	75	9197	1.212	ug/L	96
62) 1,3,5-Trimethylbenzene	10.477	105	39494	0.806	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	37930	0.770	ug/L	100
64) 1,3-Dichlorobenzene	11.120	146	27740	0.994	ug/L	98
65) 1,4-Dichlorobenzene	11.210	146	29494	1.060	ug/L	98
67) 1,2-Dichlorobenzene	11.580	146	26323	1.007	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.371	75	1488	0.817	ug/L	84
69) 1,3,5-Trichlorobenzene	12.583	180	20740	0.966	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	17110	0.938	ug/L	94
71) Naphthalene	13.445	128	21237	0.714	ug/L	99
72) 1,2,3-Trichlorobenzene	13.680	180	14416	0.875	ug/L	98

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

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 04/17/2024
Supervised By :Semsettin Yesilyurt 04/17/2024

