

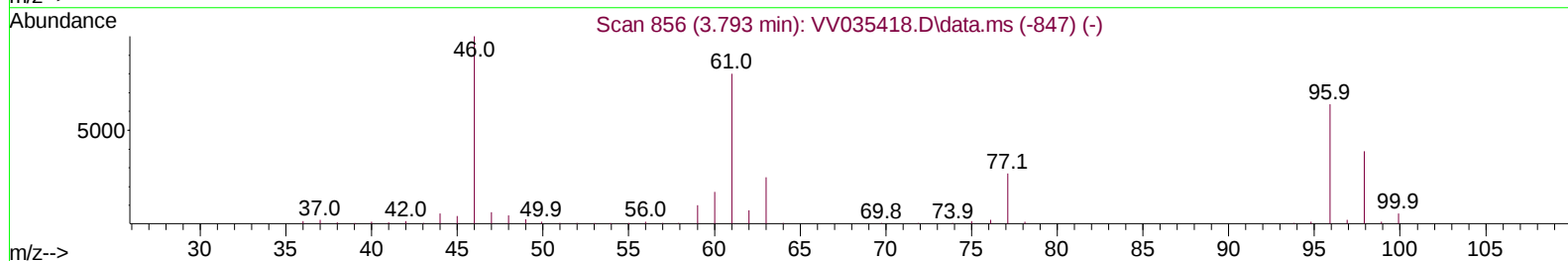
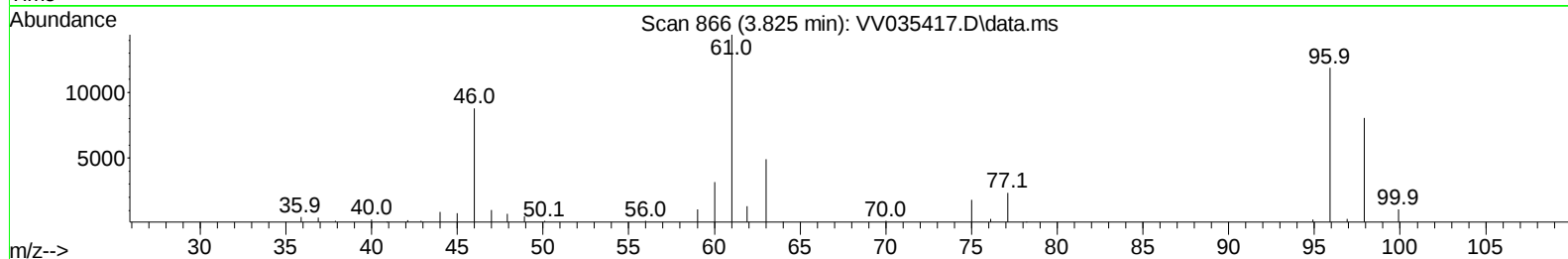
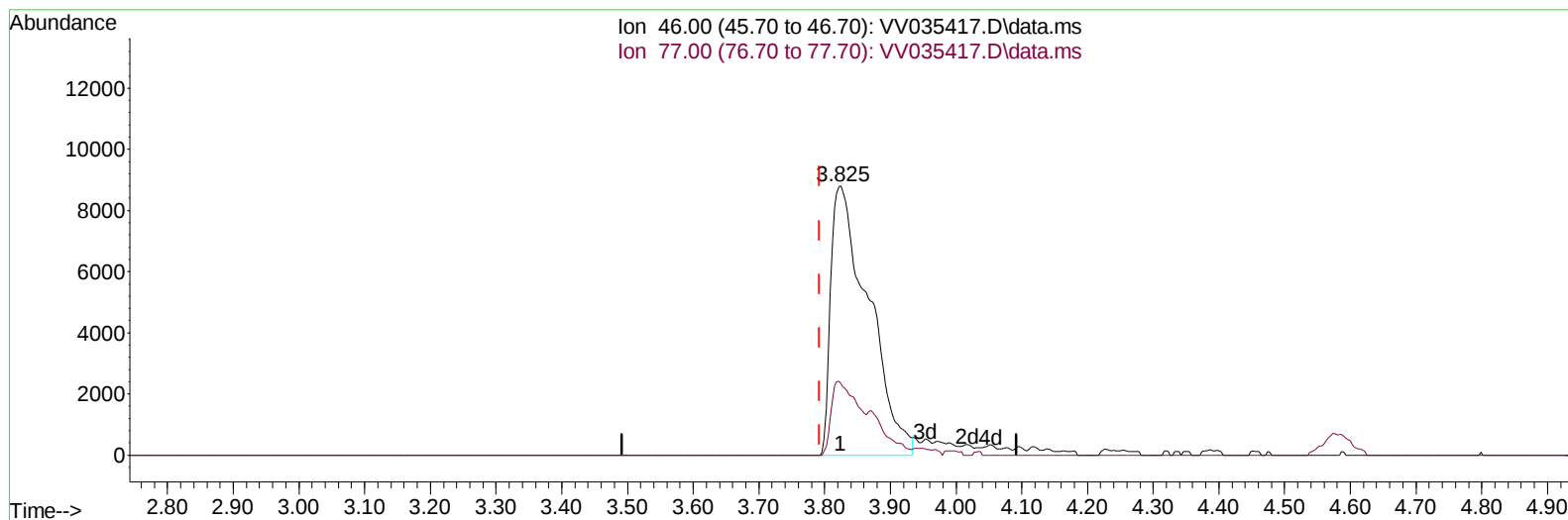
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV042624\
Data File : VV035417.D
Acq On : 26 Apr 2024 09:54
Operator : SY/MD
Sample : VSTD01042
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
VSTD010242

Manual IntegrationsAPPROVED

Quant Time: Apr 27 00:03:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Apr 27 00:01:52 2024
Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 04/29/2024
Supervised By :Semsettin Yesilyurt 04/29/2024



TIC: VV035417.D\data.ms

(21) 2-Butanone-d5 (S)

3.825min (+ 0.032) 16.05 ug/L

response 34918

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	26.20	19.25
0.00	0.00	0.00
0.00	0.00	0.00

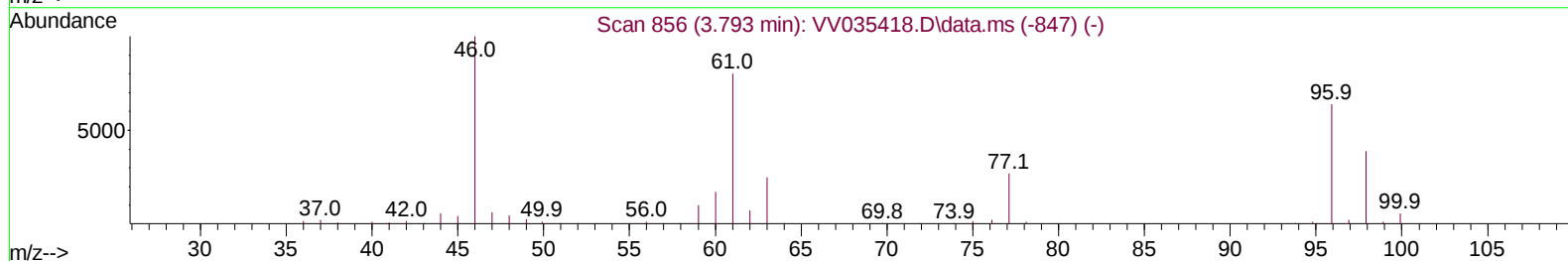
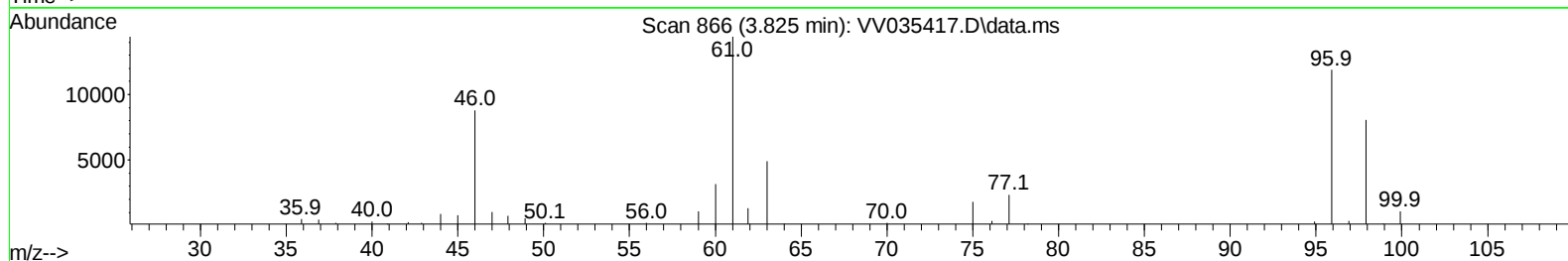
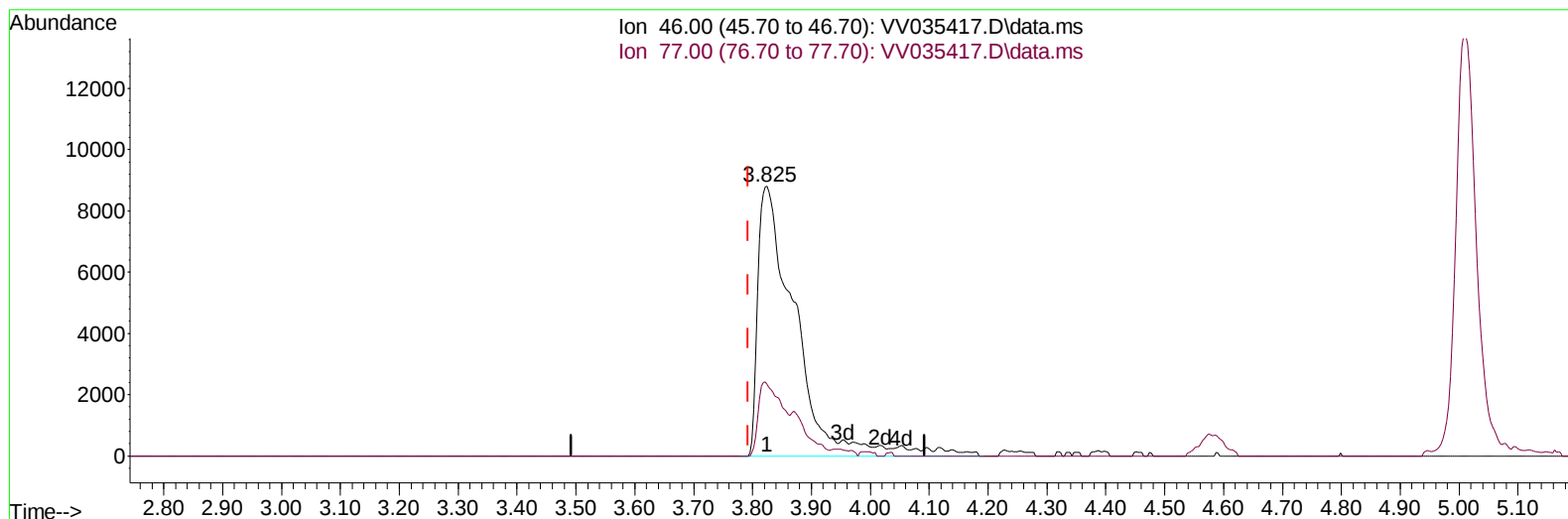
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Supervised By :Semsettin Yesilyurt 04/29/2024



TIC: VV035417.D\data.ms

(21) 2-Butanone-d5 (S)

3.825min (+ 0.032) 17.89 ug/L m

response 38922

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	26.20	17.27#
0.00	0.00	0.00
0.00	0.00	0.00

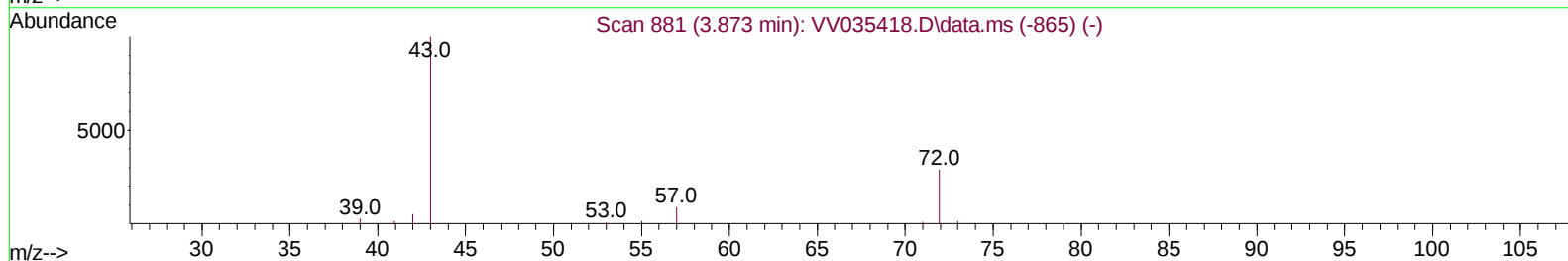
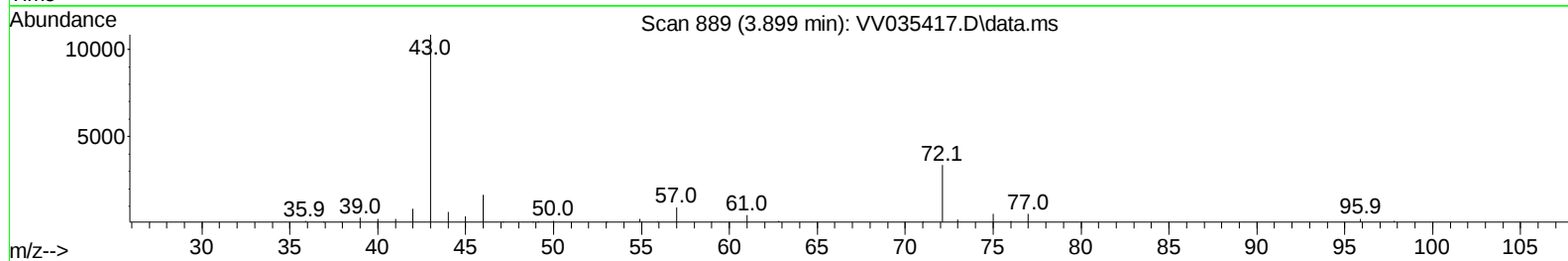
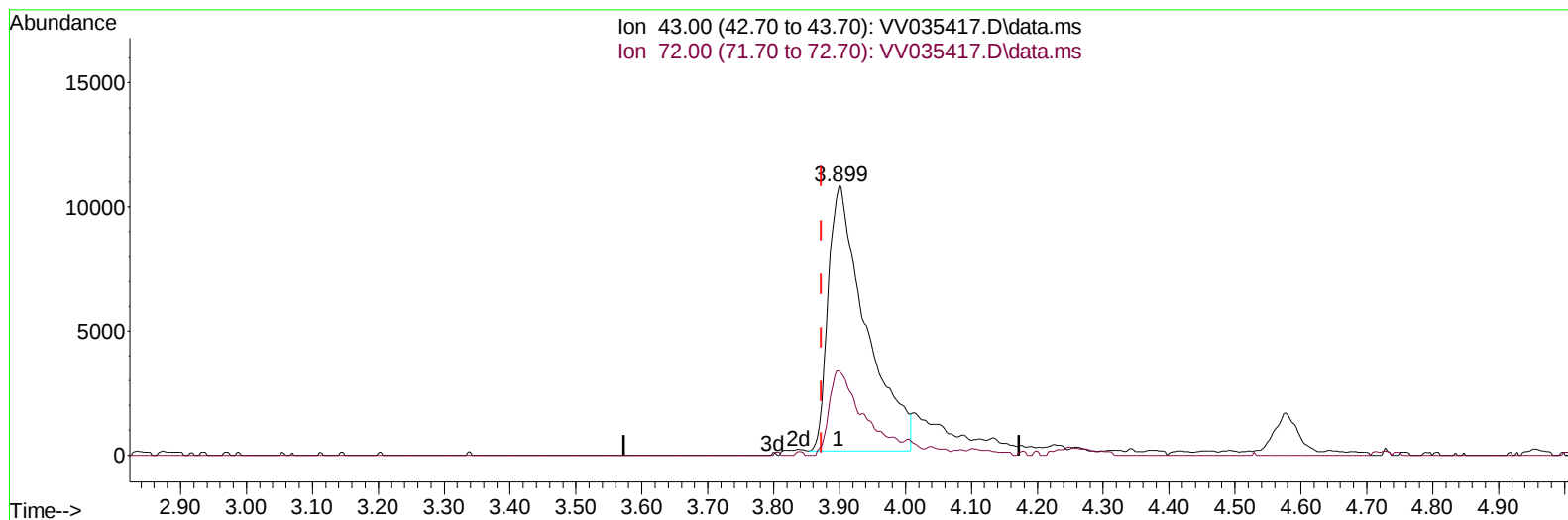
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TIC: VV035417.D\data.ms

(22) 2-Butanone (T)

3.899min (+ 0.026) 14.70 ug/L

response 42328

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	27.60	20.26
0.00	0.00	0.00
0.00	0.00	0.00

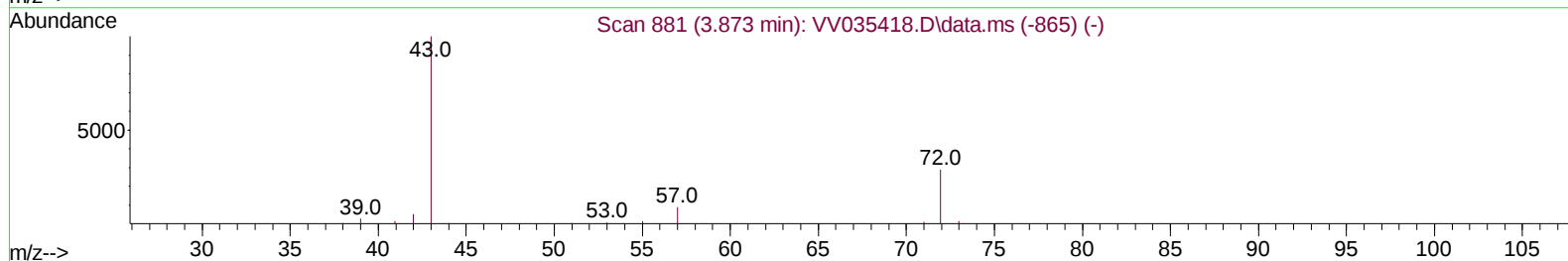
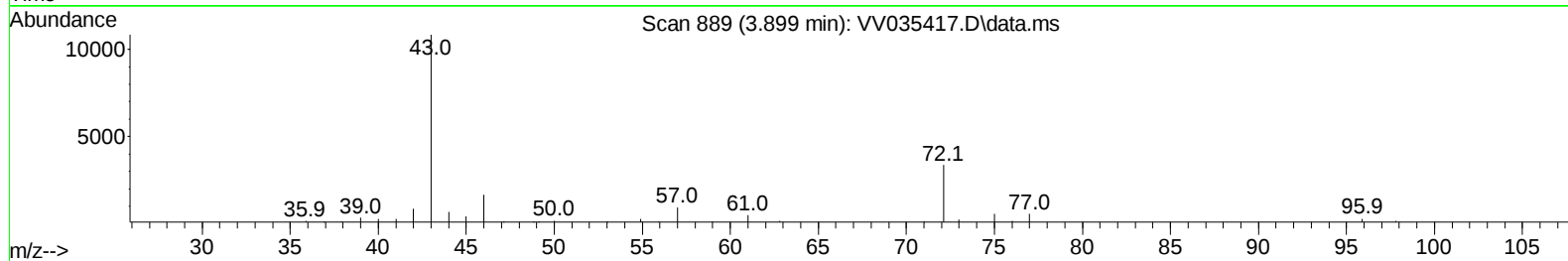
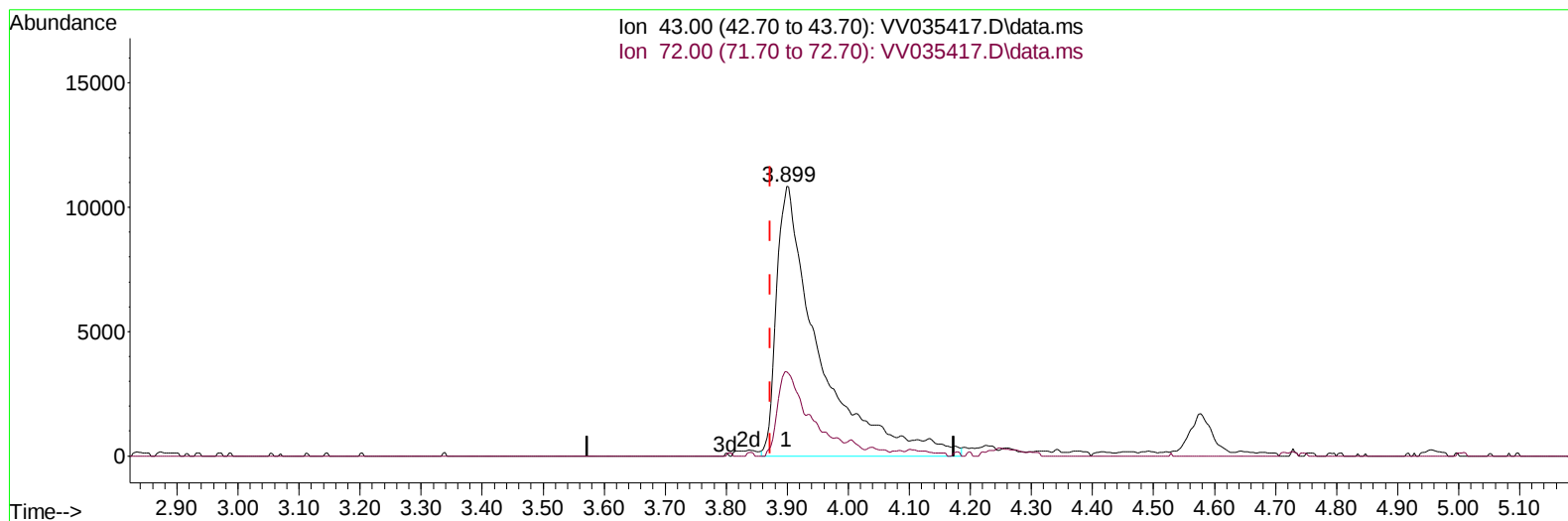
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Manual IntegrationsAPPROVED

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TIC: VV035417.D\data.ms

(22) 2-Butanone (T)

3.899min (+ 0.026) 18.24 ug/L m

response 52527

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	27.60	16.33
0.00	0.00	0.00
0.00	0.00	0.00

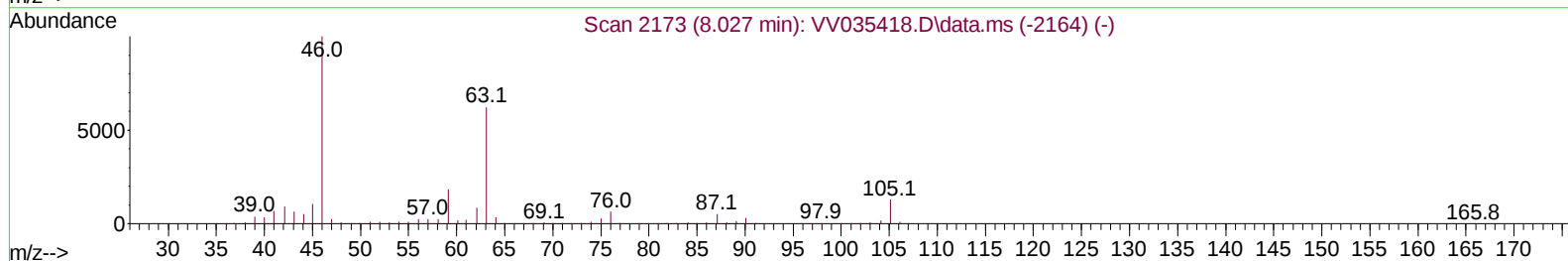
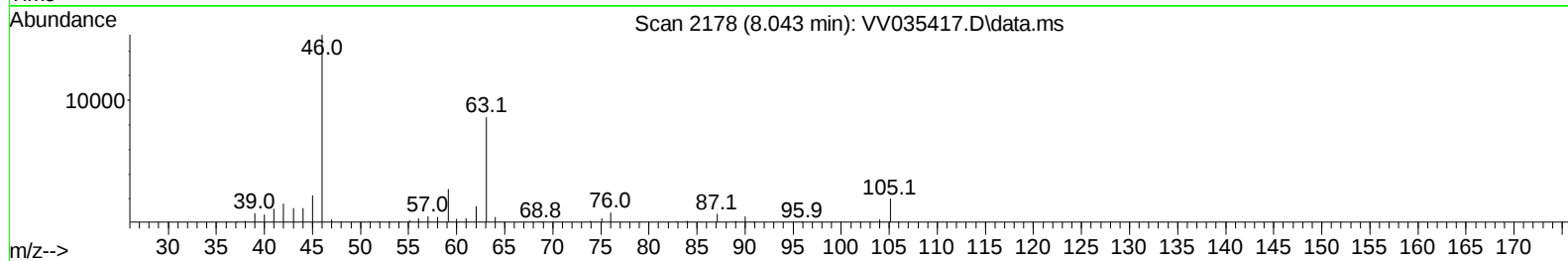
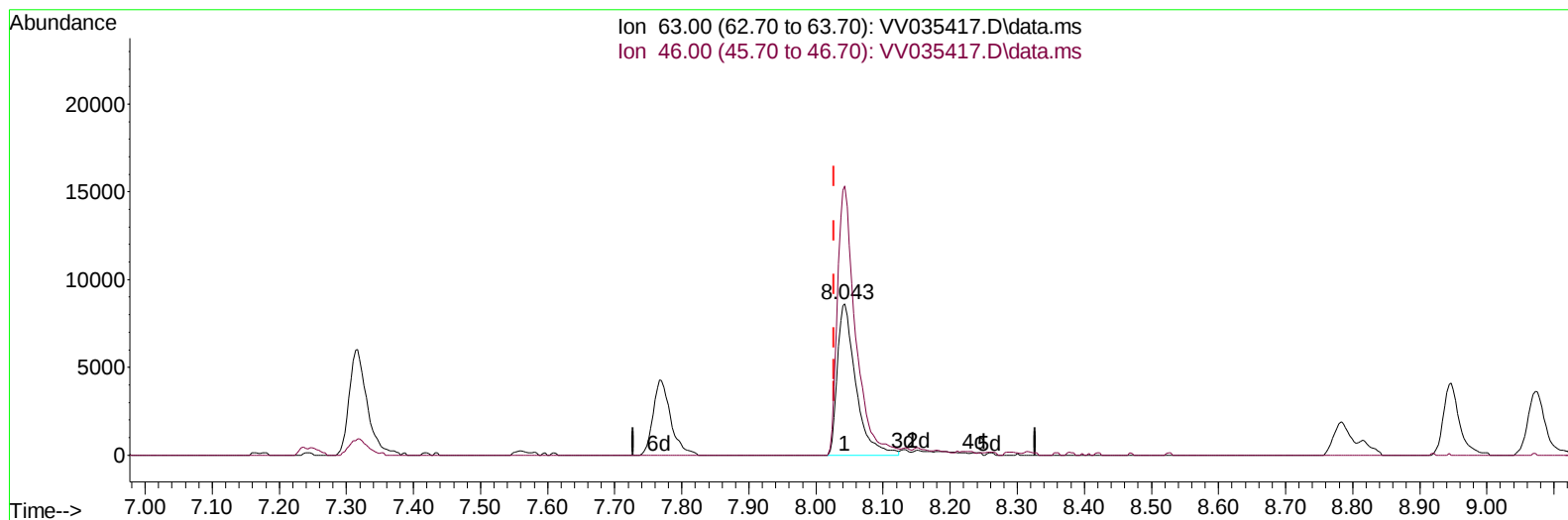
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TIC: VV035417.D\data.ms

(47) 2-Hexanone-d5 (S)

8.043min (+ 0.016) 13.49 ug/L

response 16467

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	166.40	175.00
0.00	0.00	0.00
0.00	0.00	0.00

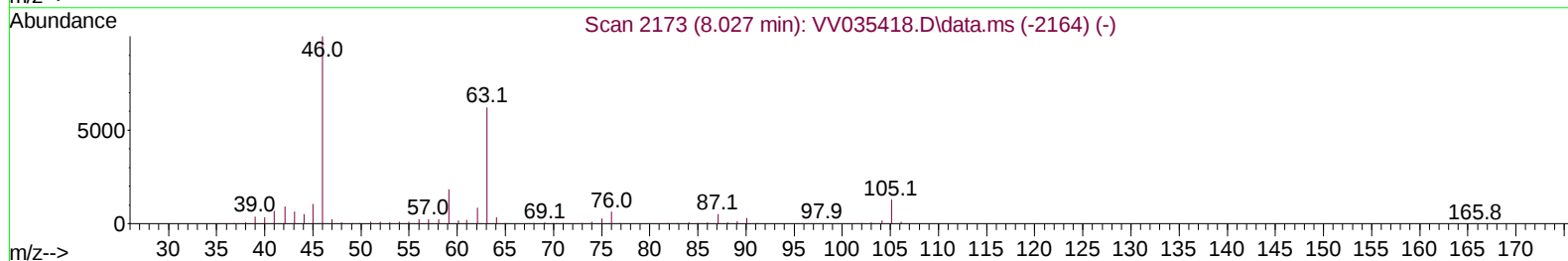
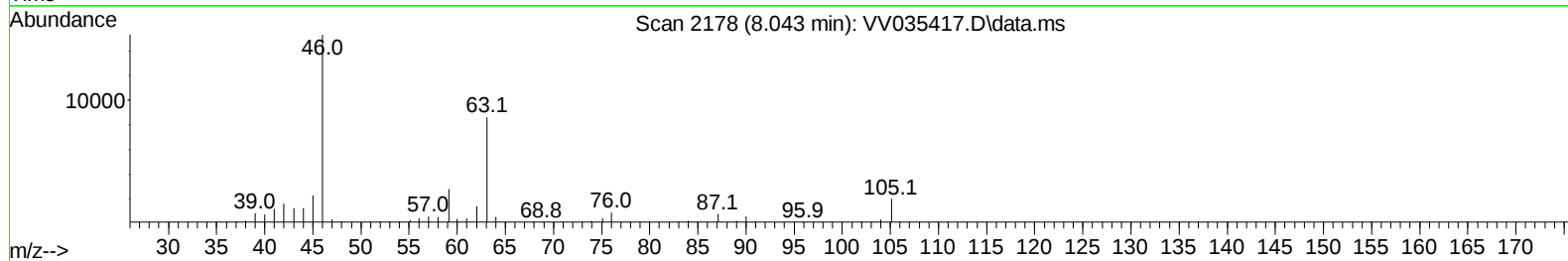
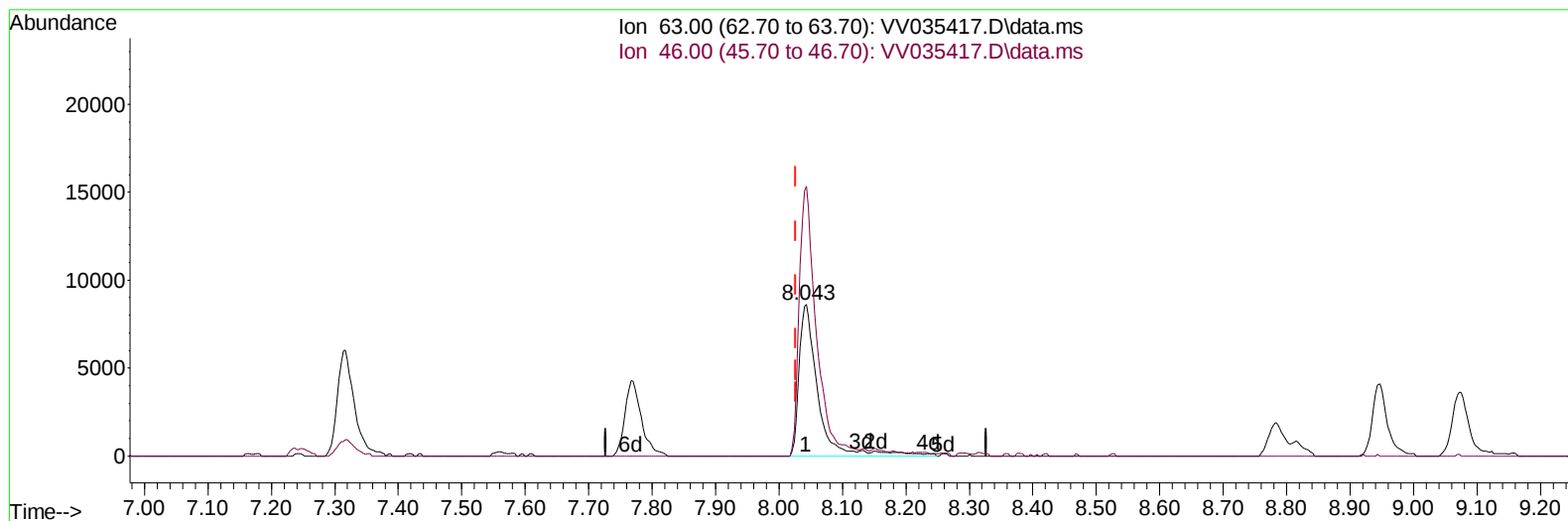
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Instrument :
MSVOA_V
ClientSampleId :
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Manual IntegrationsAPPROVED

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Supervised By :Semsettin Yesilyurt 04/29/2024



TIC: VV035417.D\data.ms

(47) 2-Hexanone-d5 (S)

8.043min (+ 0.016) 14.58 ug/L m

response 17808

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	166.40	161.82
0.00	0.00	0.00
0.00	0.00	0.00

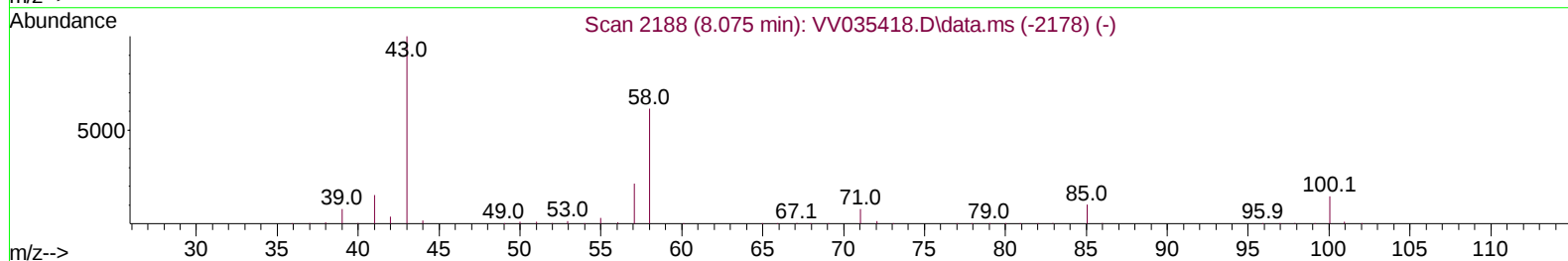
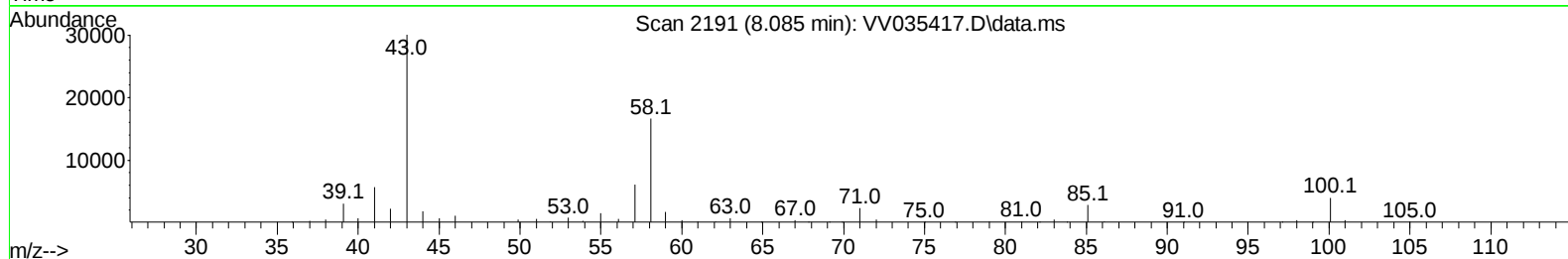
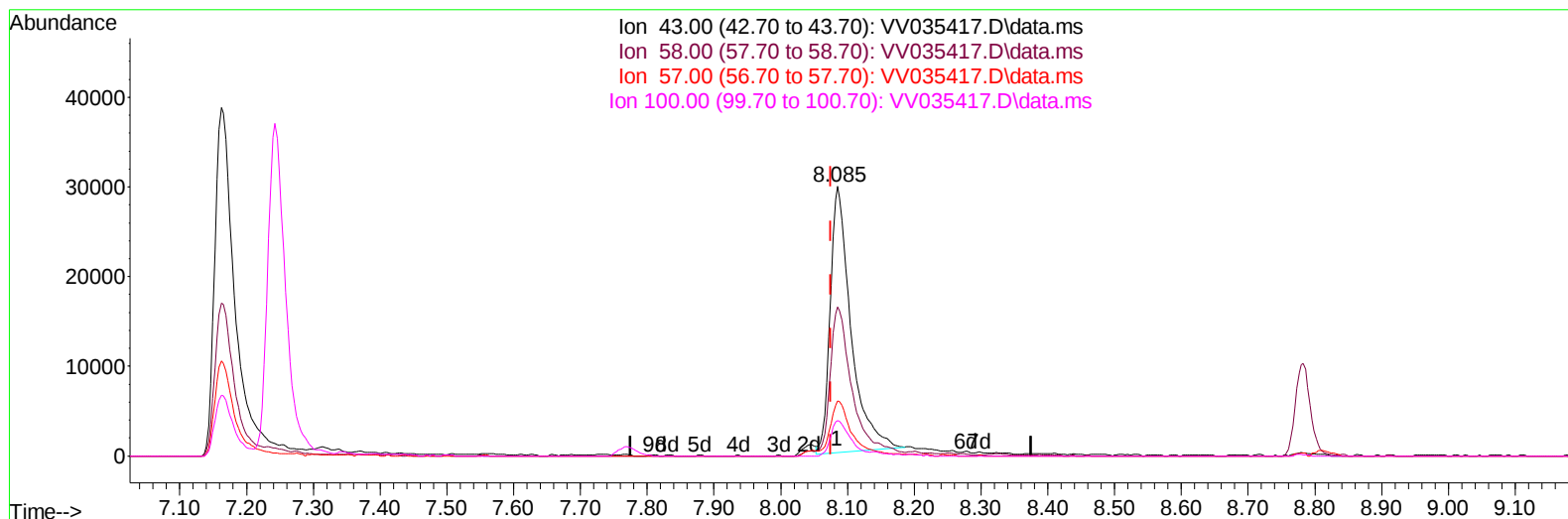
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TIC: VV035417.D\data.ms

(48) 2-Hexanone (T)

8.085min (+ 0.010) 15.94 ug/L

response 64009

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	61.70	52.93
57.00	21.40	19.77
100.00	14.30	12.57

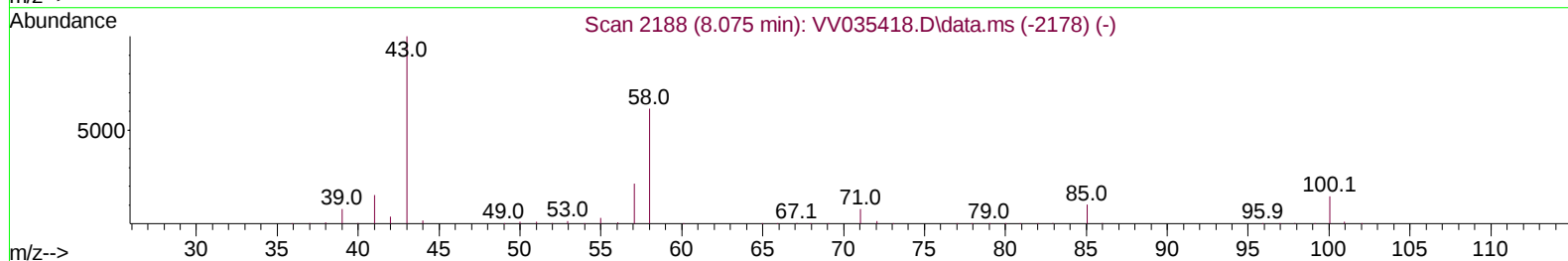
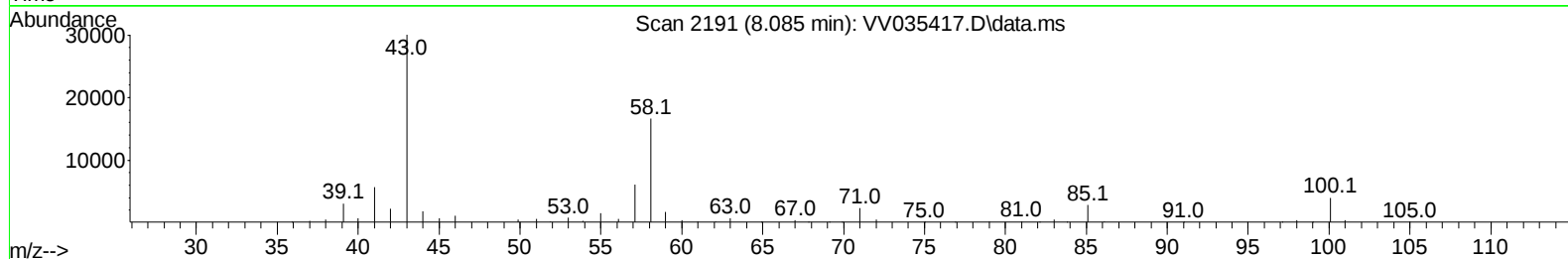
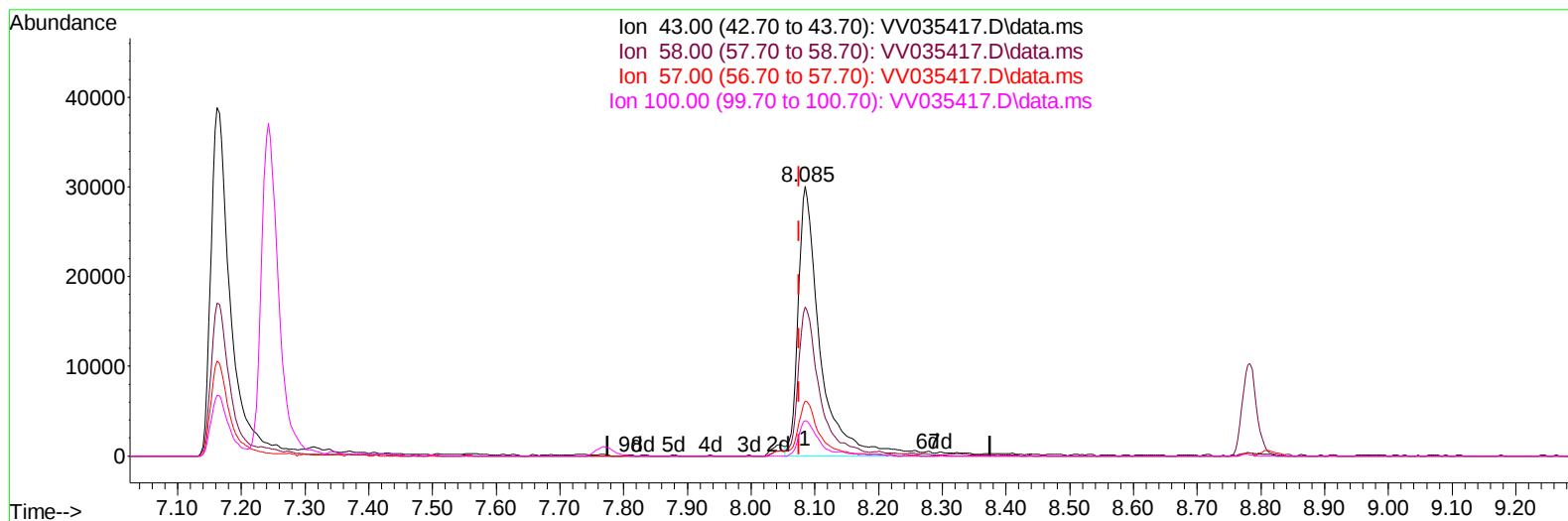
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 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD010242

Manual IntegrationsAPPROVED

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 Supervised By :Semsettin Yesilyurt 04/29/2024



TIC: VV035417.D\data.ms

(48) 2-Hexanone (T)

8.085min (+ 0.010) 18.11 ug/L m

response 72696

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	61.70	46.60#
57.00	21.40	17.41
100.00	14.30	11.07#

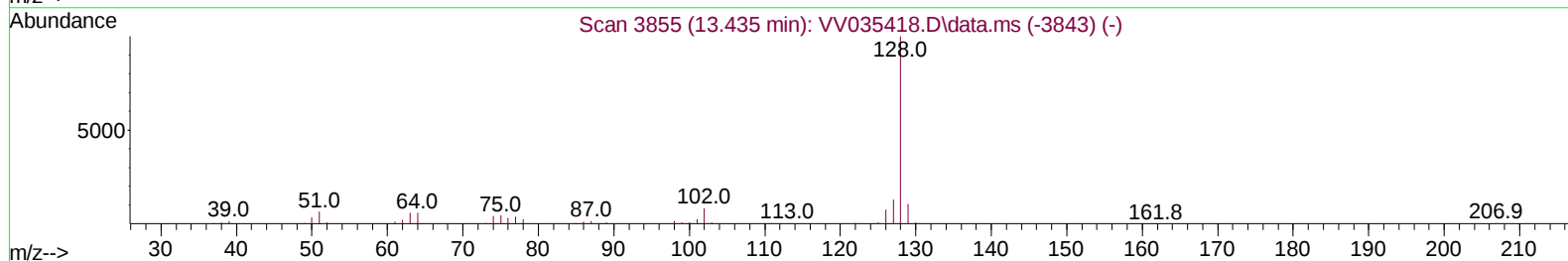
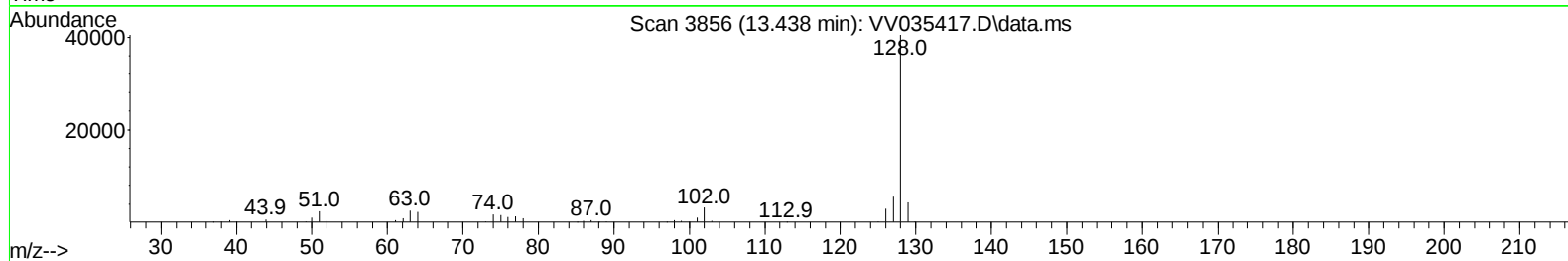
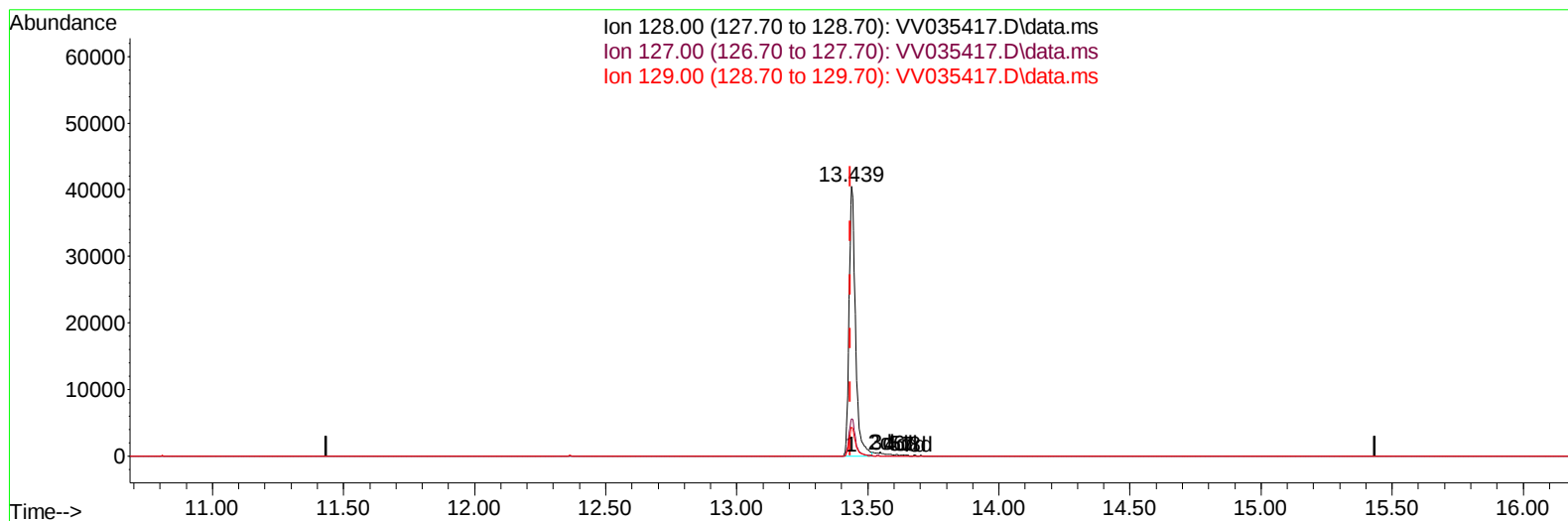
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TIC: VV035417.D\data.ms

(71) Naphthalene

13.438min (+ 0.003) 7.14 ug/L

response 67914

Ion	Exp%	Act%
128.00	100.00	100.00
127.00	13.10	14.21
129.00	10.70	10.58
0.00	0.00	0.00

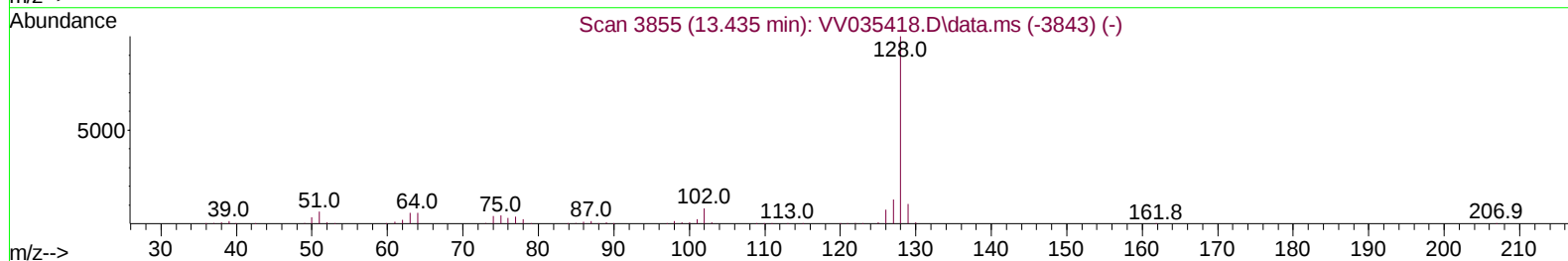
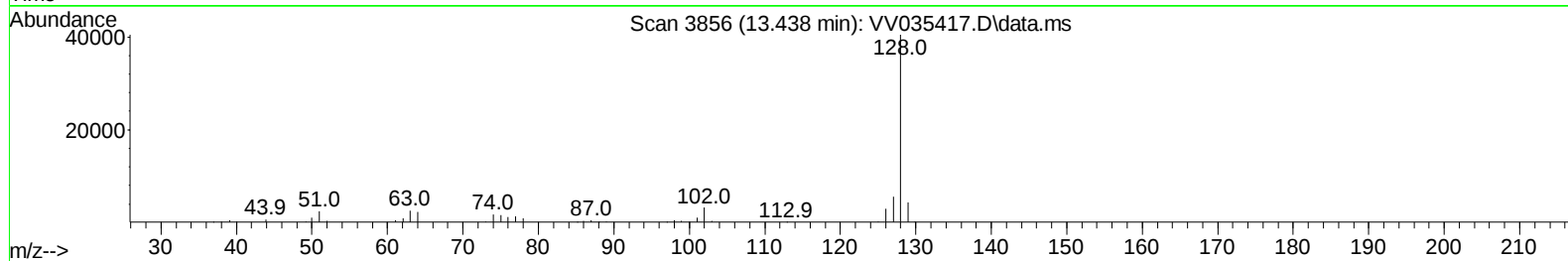
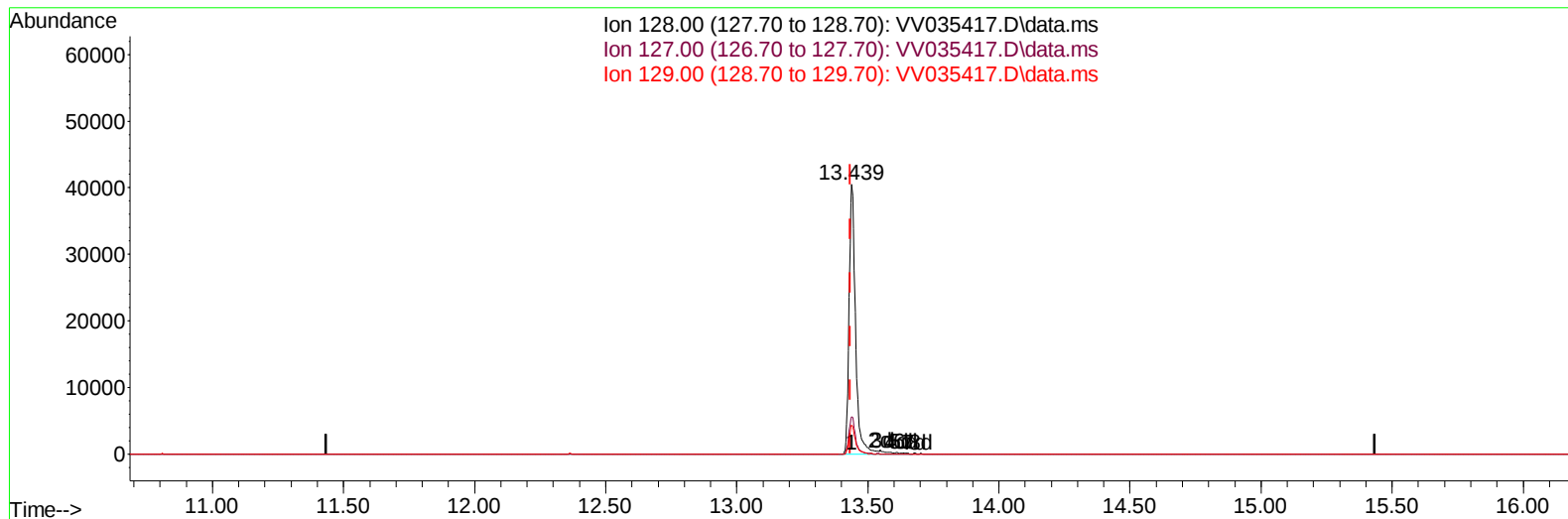
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TIC: VV035417.D\data.ms

(71) Naphthalene

13.438min (+ 0.003) 7.36 ug/L m

response 70054

Ion	Exp%	Act%
128.00	100.00	100.00
127.00	13.10	13.78
129.00	10.70	10.25
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	5.529	114	530546	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	533867	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.181	152	262838	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	38949	9.135	ug/L	0.00
7) Chloroethane-d5	1.529	69	23826	9.753	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.056	65	15845	9.093	ug/L	0.00
21) 2-Butanone-d5	3.825	46	38922m	17.894	ug/L	0.03
24) Chloroform-d	4.249	84	66964	9.333	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.947	65	38220	9.146	ug/L	0.00
32) Benzene-d6	4.960	84	125259	8.928	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	39353	9.091	ug/L	0.00
41) Toluene-d8	7.243	98	108989	8.619	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	16907	8.349	ug/L	0.01
47) 2-Hexanone-d5	8.043	63	17808m	14.584	ug/L	0.02
56) 1,1,2,2-Tetrachloroeth...	10.152	84	56224	9.113	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.561	152	41363	8.995	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	39155	10.038	ug/L	100
3) Chloromethane	1.217	50	39084	9.875	ug/L	99
5) Vinyl chloride	1.285	62	39734	9.516	ug/L	96
6) Bromomethane	1.487	94	24882	10.175	ug/L	97
8) Chloroethane	1.545	64	19623	10.646	ug/L	98
9) Trichlorofluoromethane	1.706	101	55650	9.868	ug/L	99
10) 1,1,2-Trichloro-1,2,2-...	2.063	101	34858	9.866	ug/L	100
12) 1,1-Dichloroethene	2.066	96	30938	9.870	ug/L	99
13) Acetone	2.124	43	49407	19.027	ug/L	97
14) Carbon disulfide	2.236	76	83771	9.621	ug/L	100
15) Methyl Acetate	2.381	43	38330	9.733	ug/L	99
16) Methylene chloride	2.445	84	39368	9.930	ug/L	96
17) trans-1,2-Dichloroethene	2.693	96	31439	9.329	ug/L	99
18) Methyl tert-butyl Ether	2.703	73	102879	9.064	ug/L	98
19) 1,1-Dichloroethane	3.111	63	67178	9.630	ug/L	97
20) cis-1,2-Dichloroethene	3.815	96	34130	9.002	ug/L	98
22) 2-Butanone	3.899	43	52527m	18.241	ug/L	
23) Bromochloromethane	4.153	128	20627	9.777	ug/L	99
25) Chloroform	4.278	83	70238	9.741	ug/L	99
27) 1,2-Dichloroethane	5.043	62	48653	9.188	ug/L	99
29) Cyclohexane	4.577	56	41571	8.467	ug/L	100
30) 1,1,1-Trichloroethane	4.510	97	58950	9.706	ug/L	99
31) Carbon tetrachloride	4.731	117	49937	9.411	ug/L	98
33) Benzene	5.011	78	130914	9.164	ug/L	100
34) Trichloroethene	5.838	95	36601	9.447	ug/L	96
35) Methylcyclohexane	6.047	83	48328	8.621	ug/L	98
37) 1,2-Dichloropropane	6.095	63	37061	9.293	ug/L	98
38) Bromodichloromethane	6.432	83	49889	9.264	ug/L	99
39) cis-1,3-Dichloropropene	6.956	75	50311	8.523	ug/L	100
40) 4-Methyl-2-pentanone	7.162	43	81555	17.124	ug/L	98
42) Toluene	7.317	91	136483	9.117	ug/L	99

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 Supervised By :Semsettin Yesilyurt 04/29/2024

Quant Time: Apr 27 00:03:01 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM042624WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Apr 27 00:01:52 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.583	75	47284	8.345	ug/L	95
45) 1,1,2-Trichloroethane	7.770	97	39092	9.386	ug/L	99
46) Tetrachloroethene	7.905	164	28346	9.326	ug/L	98
48) 2-Hexanone	8.085	43	72696m	18.109	ug/L	
49) Dibromochloromethane	8.175	129	40004	9.396	ug/L	98
50) 1,2-Dibromoethane	8.284	107	39468	9.315	ug/L	96
51) Chlorobenzene	8.812	112	99732	9.448	ug/L	99
52) Ethylbenzene	8.947	91	141139	8.628	ug/L	97
53) m,p-Xylene	9.072	106	52311	8.450	ug/L	96
54) o-Xylene	9.477	106	51630	8.529	ug/L	93
55) Styrene	9.497	104	85977	8.236	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.178	83	64056	9.462	ug/L	97
59) Bromoform	9.667	173	29553	9.471	ug/L	99
60) Isopropylbenzene	9.863	105	134371	8.911	ug/L	100
61) 1,2,3-Trichloropropane	10.210	75	48871	9.934	ug/L	97
62) 1,3,5-Trimethylbenzene	10.474	105	100966	8.311	ug/L	99
63) 1,2,4-Trimethylbenzene	10.850	105	93252	7.841	ug/L	100
64) 1,3-Dichlorobenzene	11.117	146	74115	9.488	ug/L	99
65) 1,4-Dichlorobenzene	11.207	146	79644	9.720	ug/L	99
67) 1,2-Dichlorobenzene	11.577	146	75532	9.544	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.365	75	9797	8.802	ug/L	98
69) 1,3,5-Trichlorobenzene	12.580	180	48267	8.721	ug/L	99
70) 1,2,4-trichlorobenzene	13.197	180	35444	8.067	ug/L	98
71) Naphthalene	13.438	128	70054m	7.362	ug/L	
72) 1,2,3-Trichlorobenzene	13.680	180	34879	8.147	ug/L	98

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

