

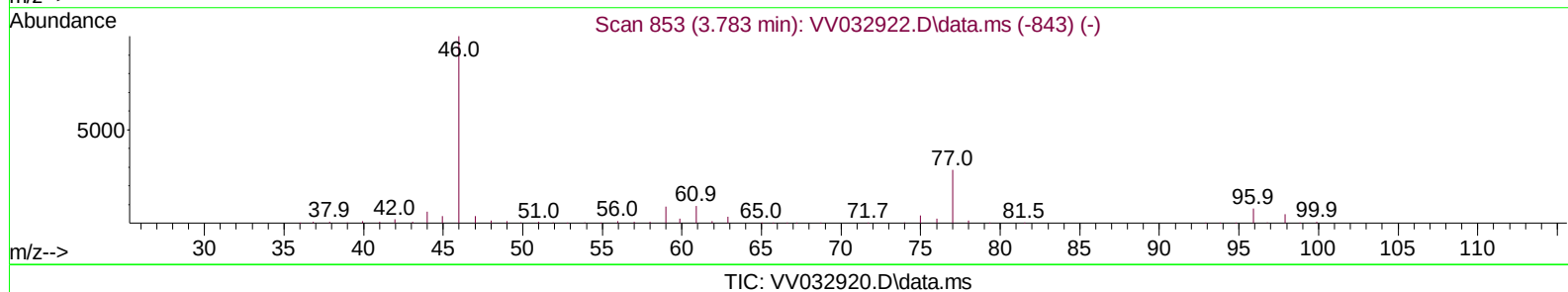
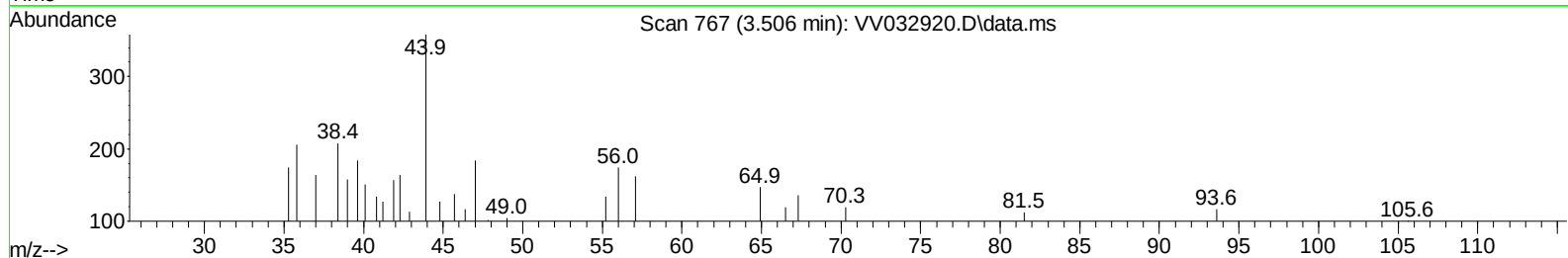
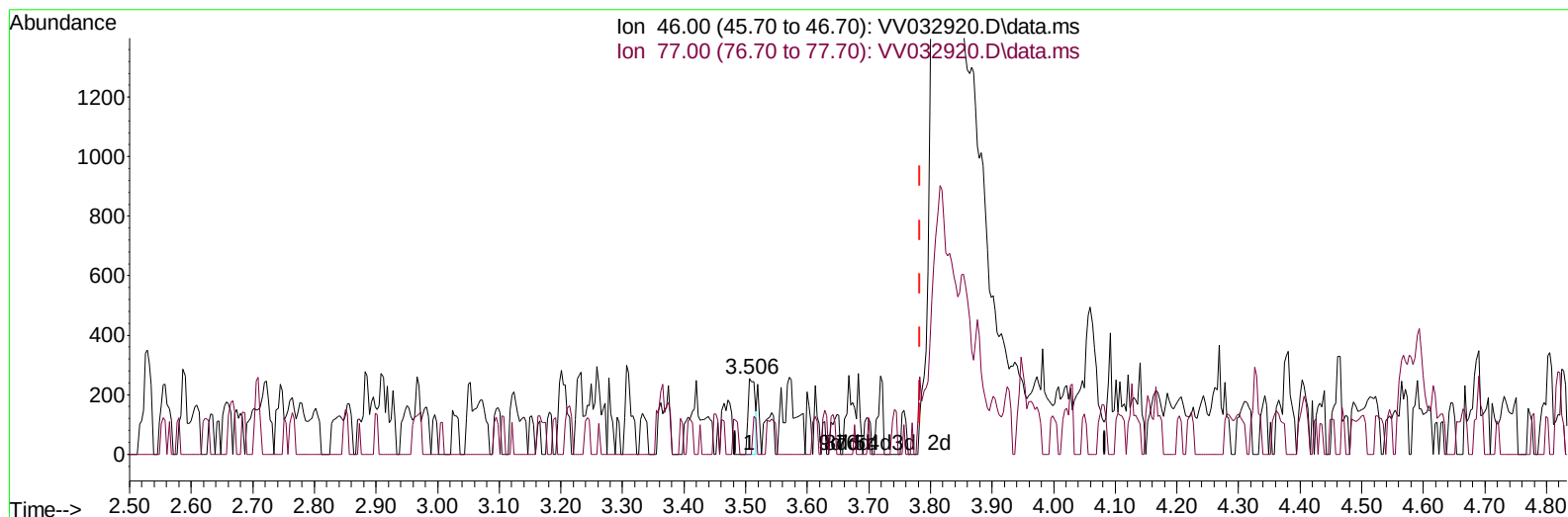
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111323\
 Data File : VV032920.D
 Acq On : 13 Nov 2023 09:58
 Operator : SY/MD
 Sample : VSTD00579
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD005279

Manual IntegrationsAPPROVED

Quant Time: Nov 13 22:48:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM111323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Nov 13 22:47:32 2023
 Response via : Initial Calibration

Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023



(21) 2-Butanone-d5 (S)

3.506min (-0.277) 0.14 ug/L

response 192

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	27.10	24.48
0.00	0.00	0.00
0.00	0.00	0.00

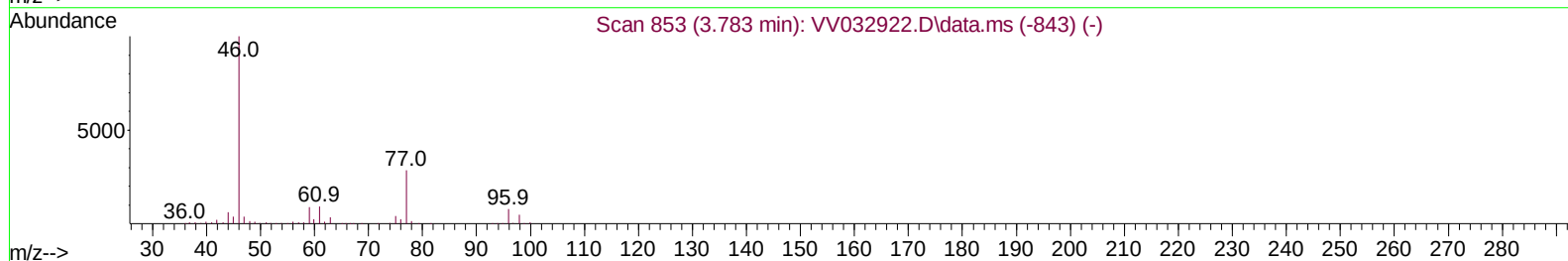
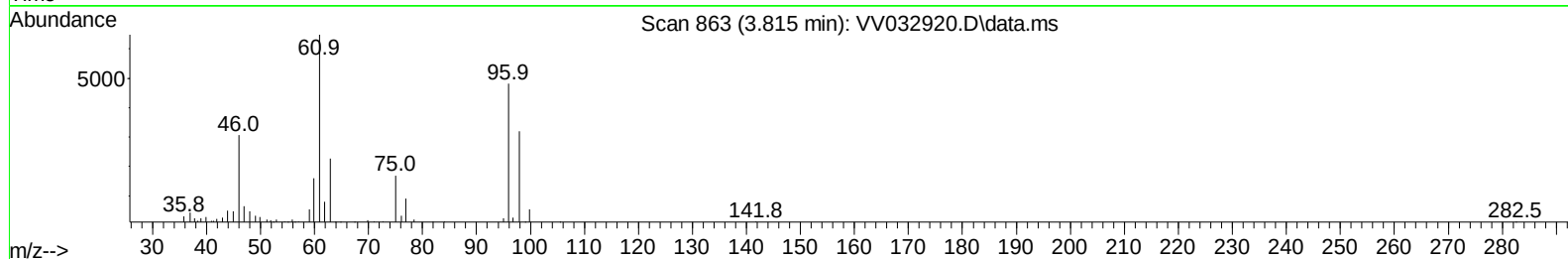
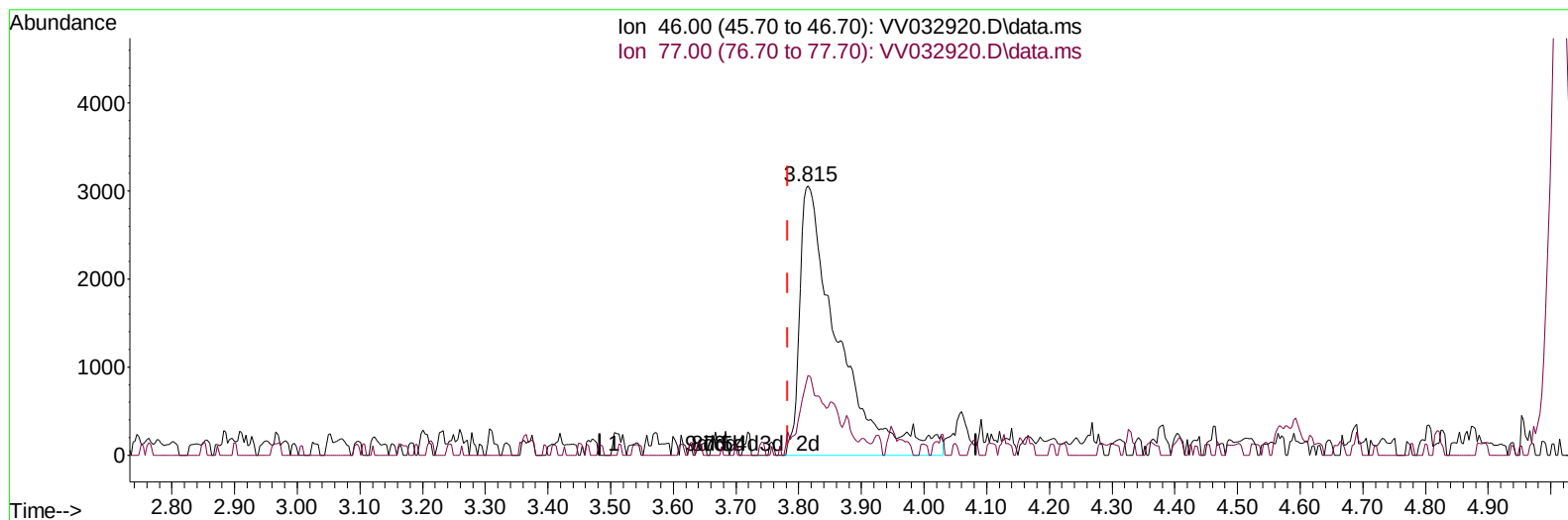
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TIC: VV032920.D\data.ms

(21) 2-Butanone-d5 (S)

3.815min (+ 0.032) 9.16 ug/L m

response 13030

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	27.10	0.36#
0.00	0.00	0.00
0.00	0.00	0.00

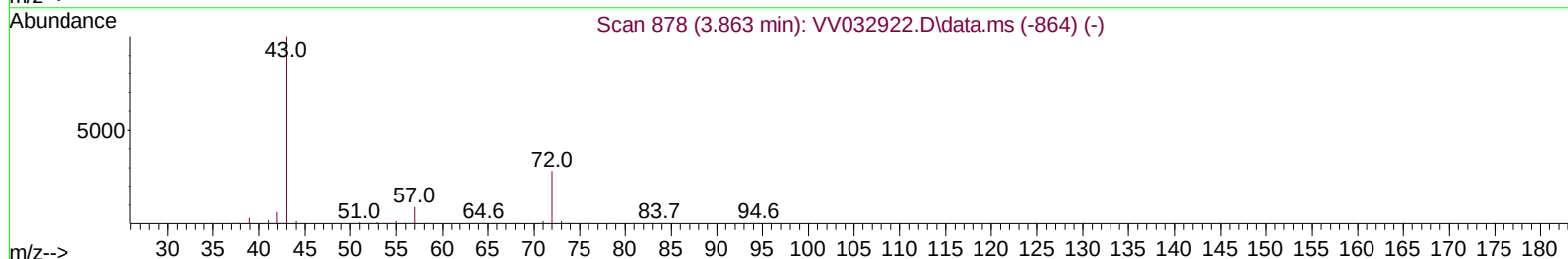
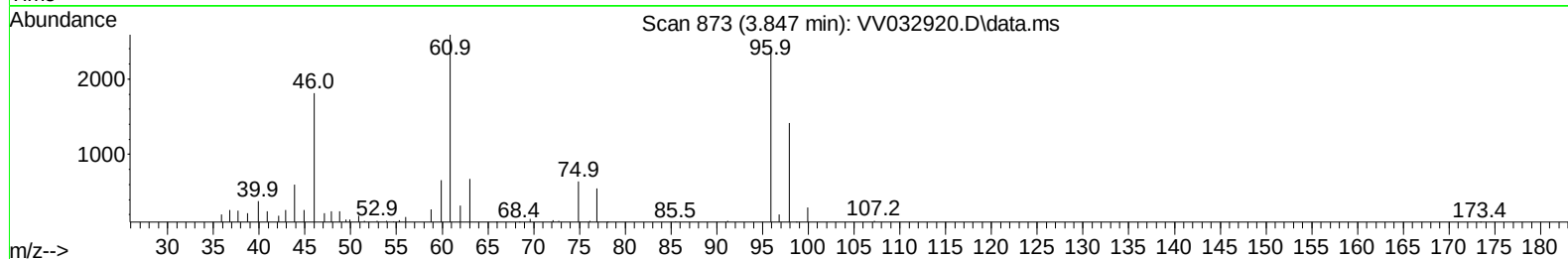
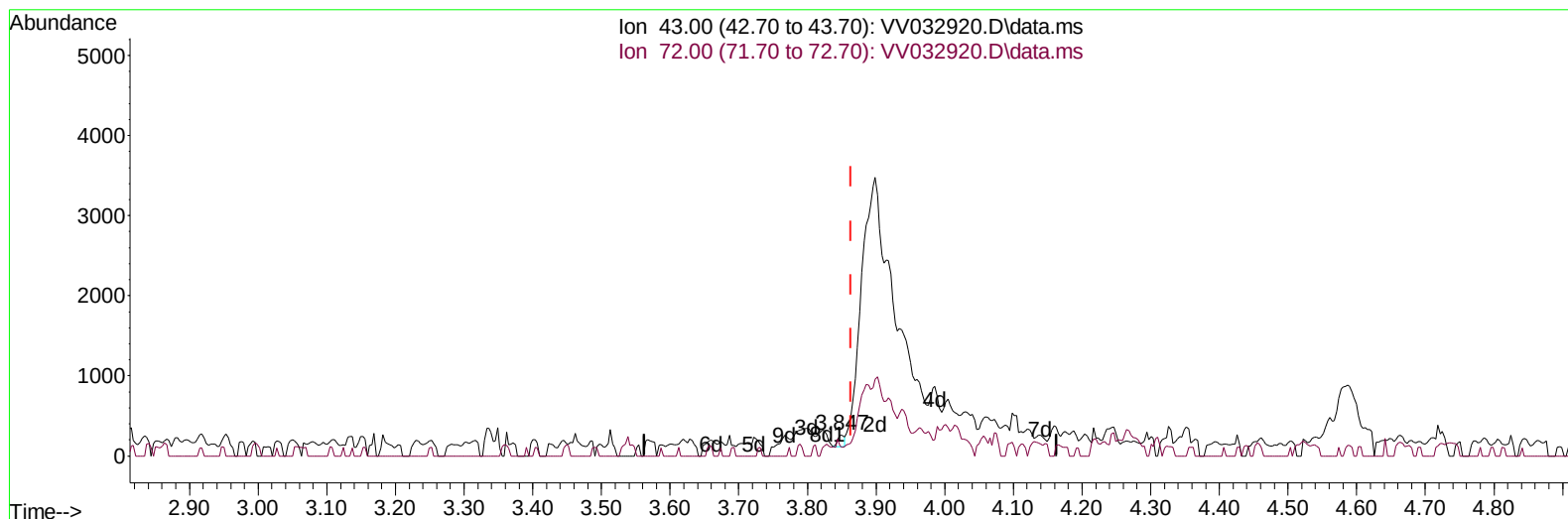
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TIC: VV032920.D\data.ms

(22) 2-Butanone (T)

3.847min (-0.016) 0.06 ug/L

response	98	
Ion	Exp%	Act%
43.00	100.00	100.00
72.00	27.90	24.49
0.00	0.00	0.00
0.00	0.00	0.00

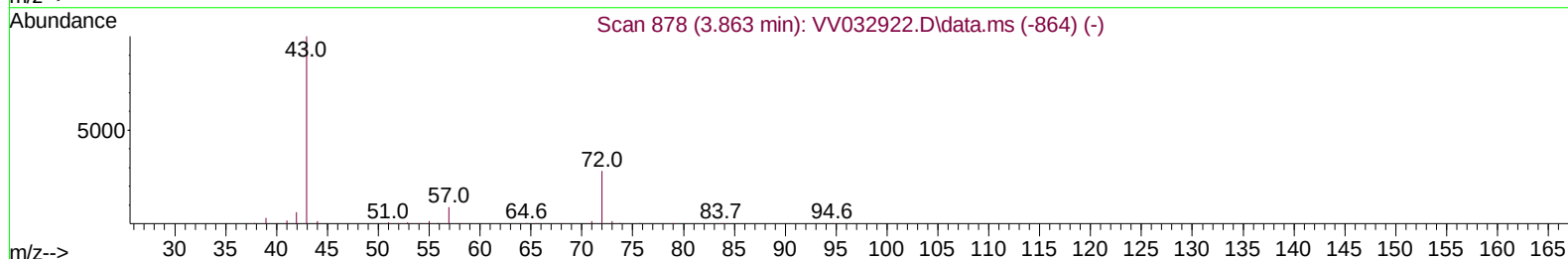
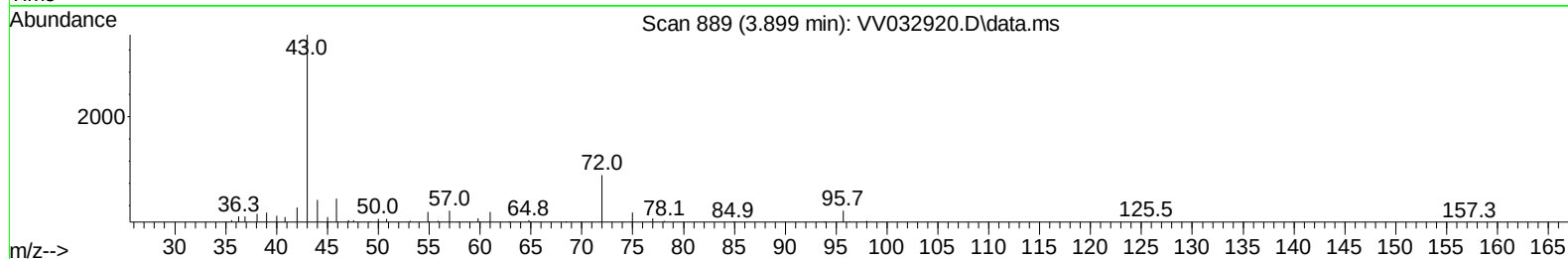
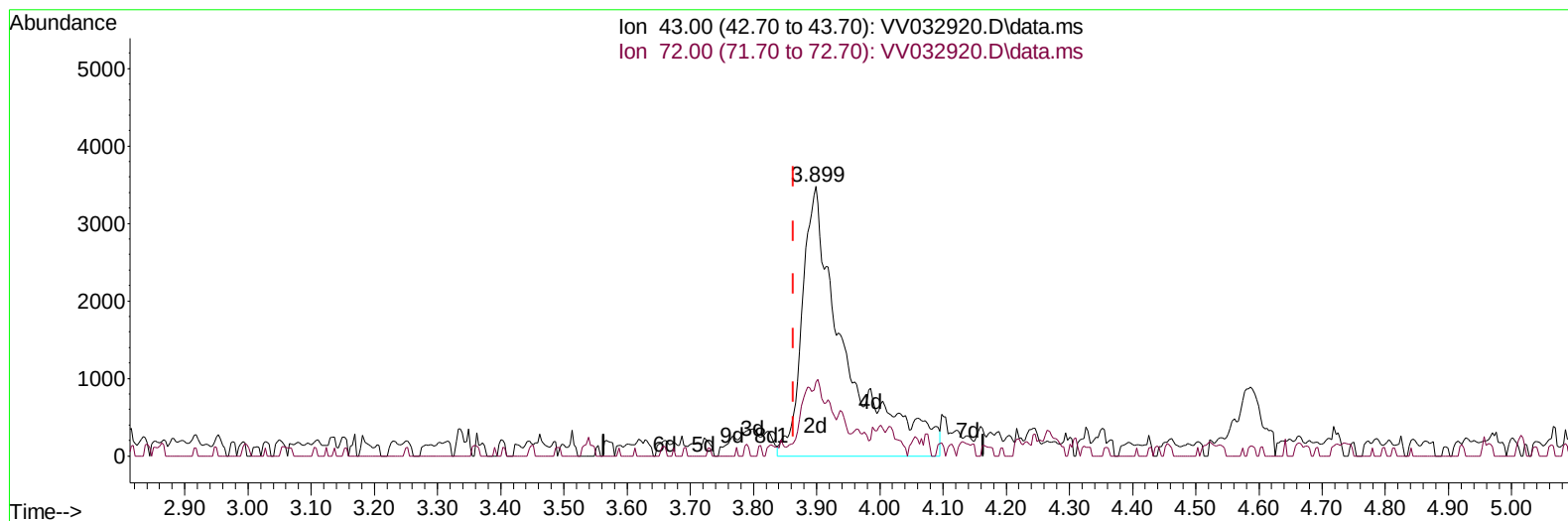
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV111323\
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TIC: VV032920.D\data.ms

(22) 2-Butanone (T)

3.899min (+ 0.035) 9.27 ug/L m

response 16496

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	27.90	0.15#
0.00	0.00	0.00
0.00	0.00	0.00

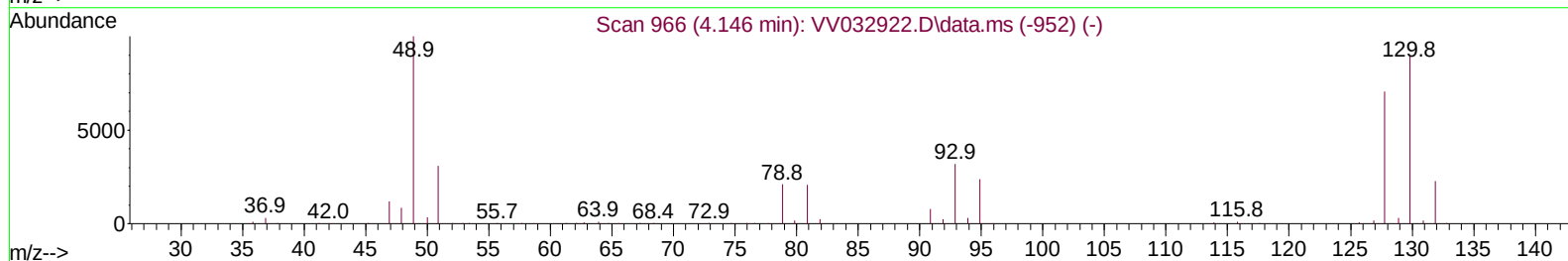
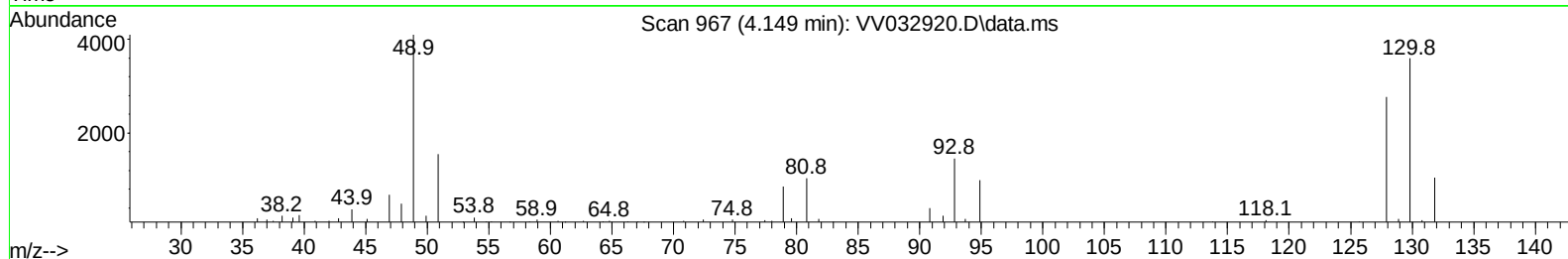
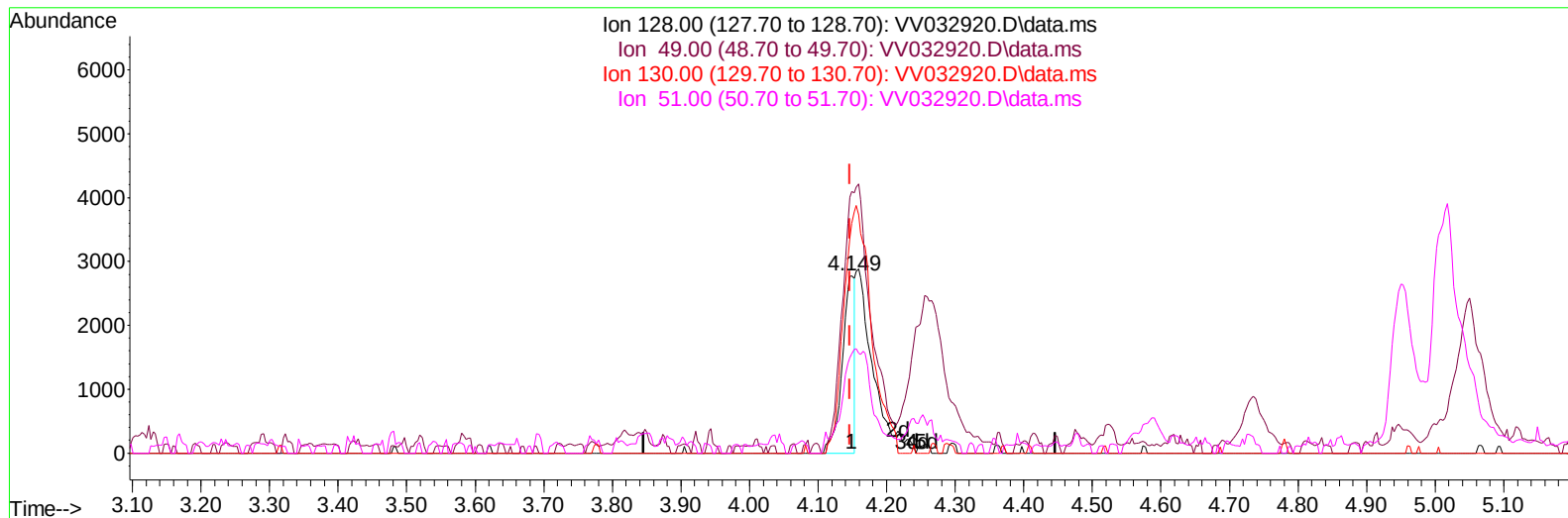
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Manual IntegrationsAPPROVED

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TIC: VV032920.D\data.ms

(23) Bromochloromethane (T)

4.149min (+ 0.003) 2.00 ug/L

response 3500

Ion	Exp%	Act%
128.00	100.00	100.00
49.00	142.40	147.55
130.00	126.70	129.63
51.00	43.60	56.08#

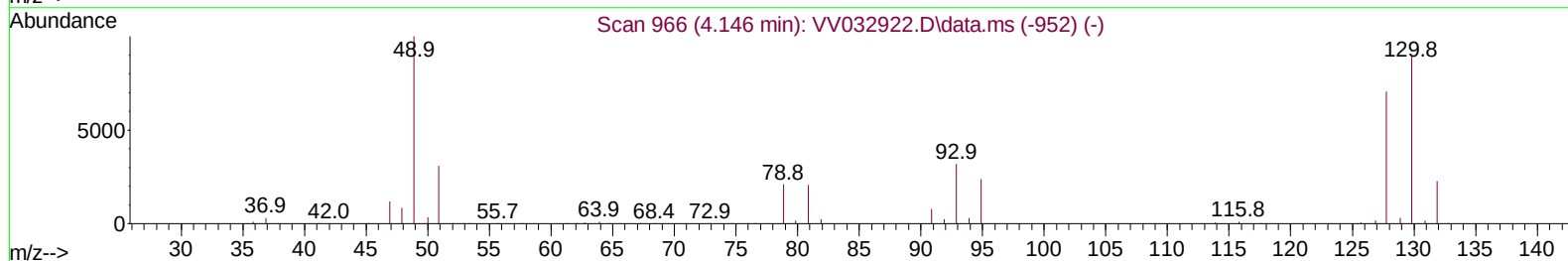
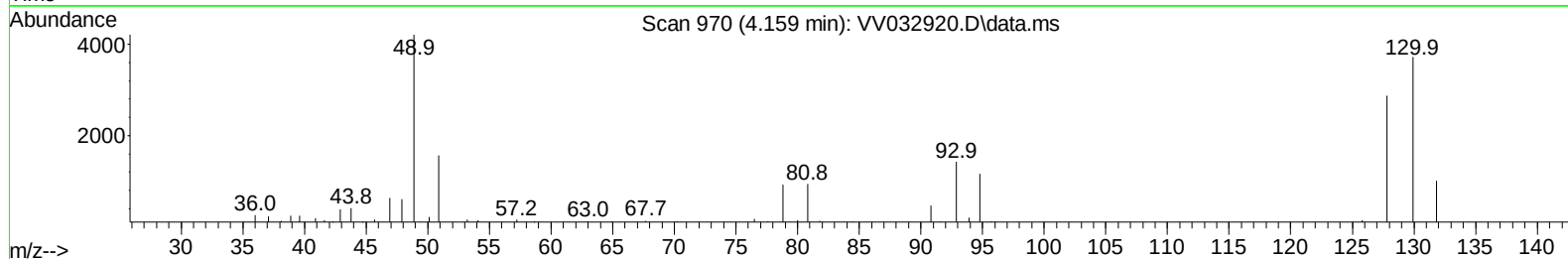
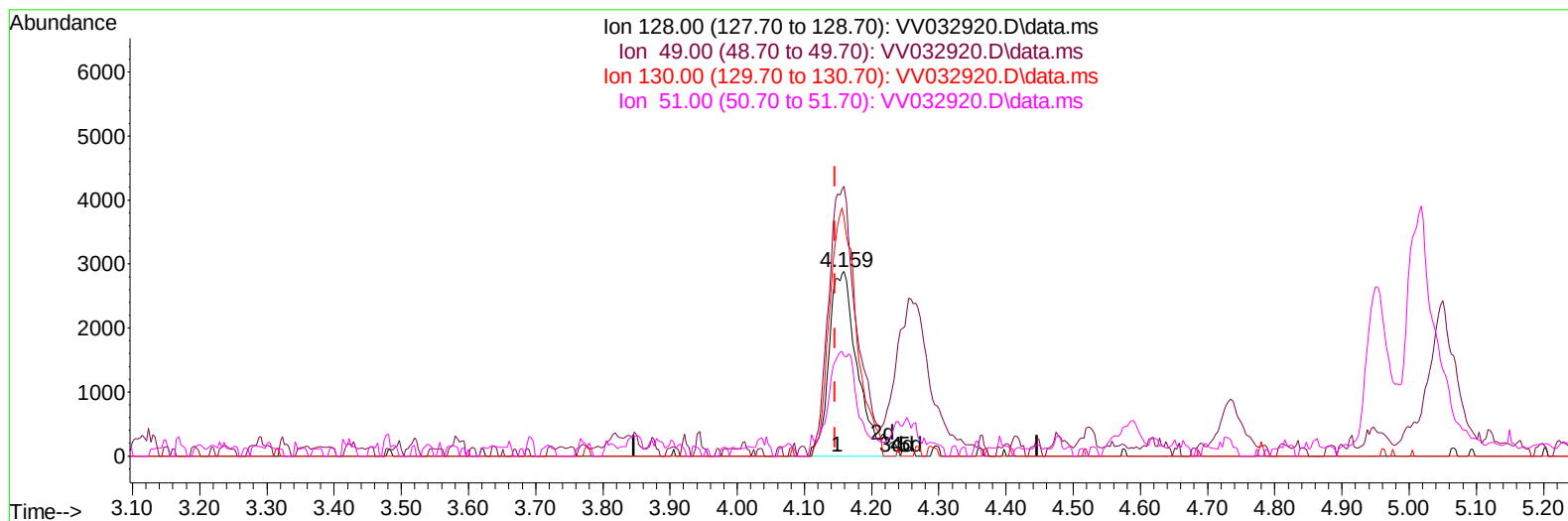
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TIC: VV032920.D\data.ms

(23) Bromochloromethane (T)

4.159min (+ 0.013) 4.90 ug/L m

response 8554

Ion	Exp%	Act%
128.00	100.00	100.00
49.00	142.40	146.22
130.00	126.70	129.34
51.00	43.60	54.44#

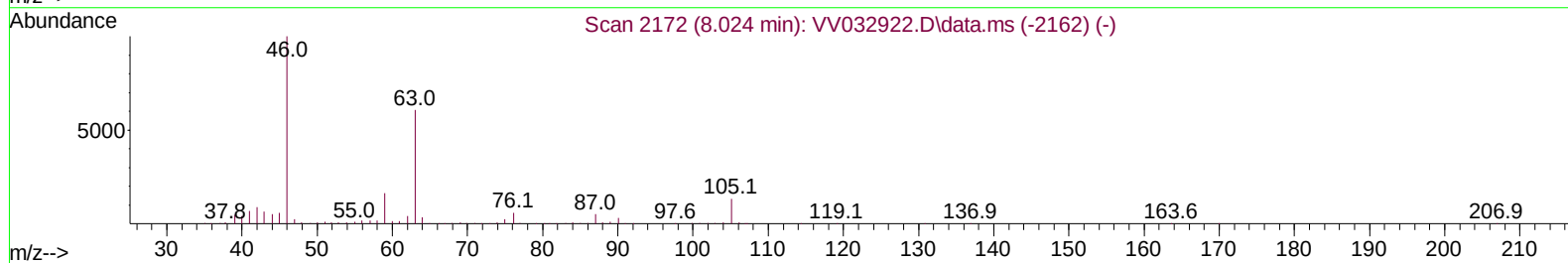
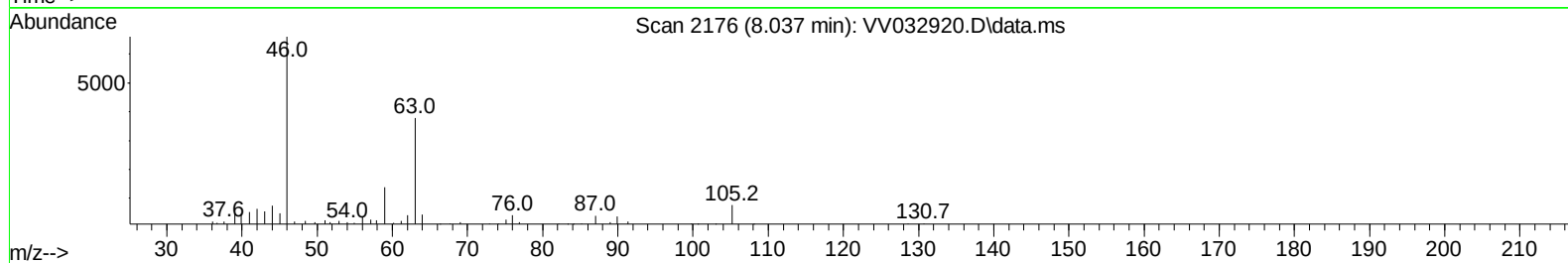
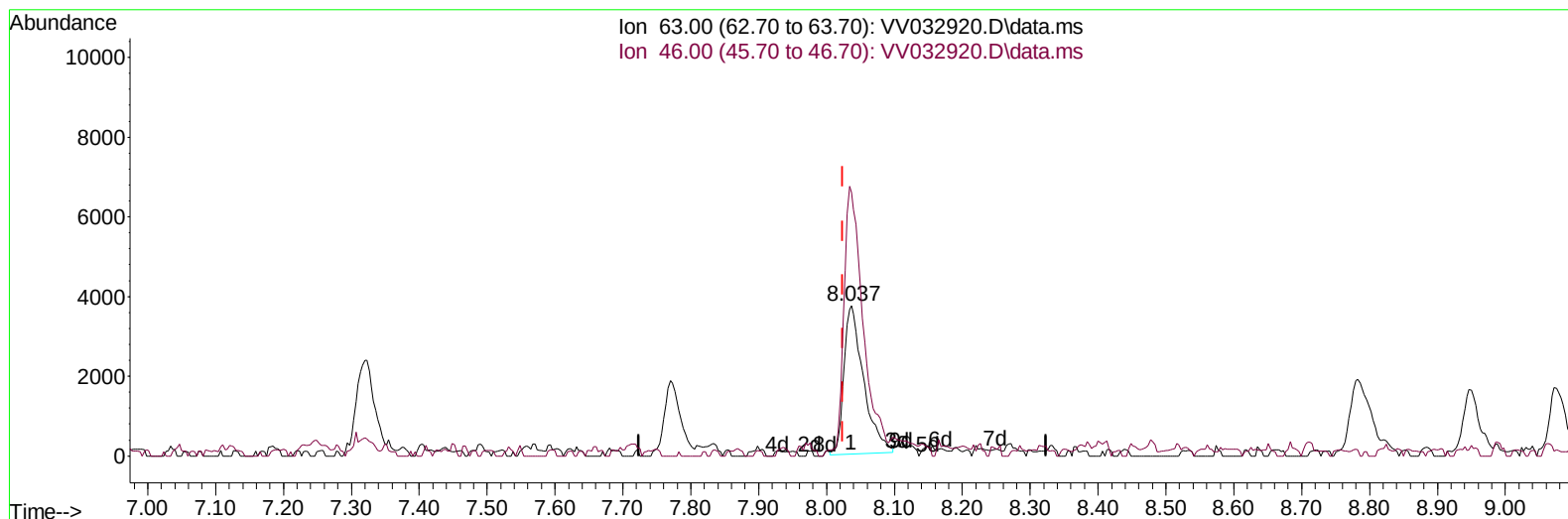
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TIC: VV032920.D\data.ms

(47) 2-Hexanone-d5 (S)

8.037min (+ 0.013) 6.27 ug/L

response 7527

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	171.30	179.05
0.00	0.00	0.00
0.00	0.00	0.00

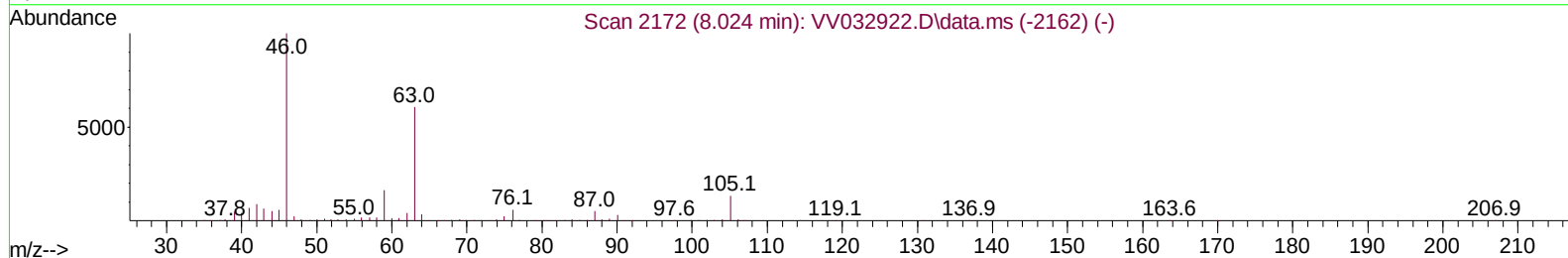
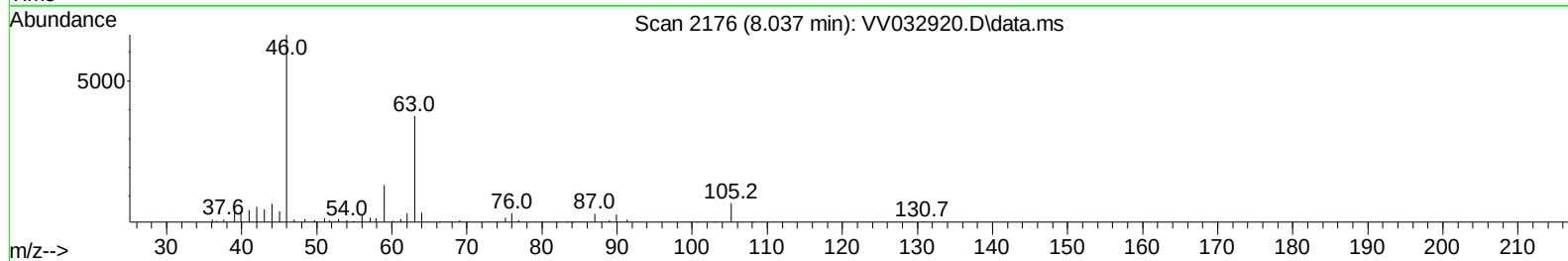
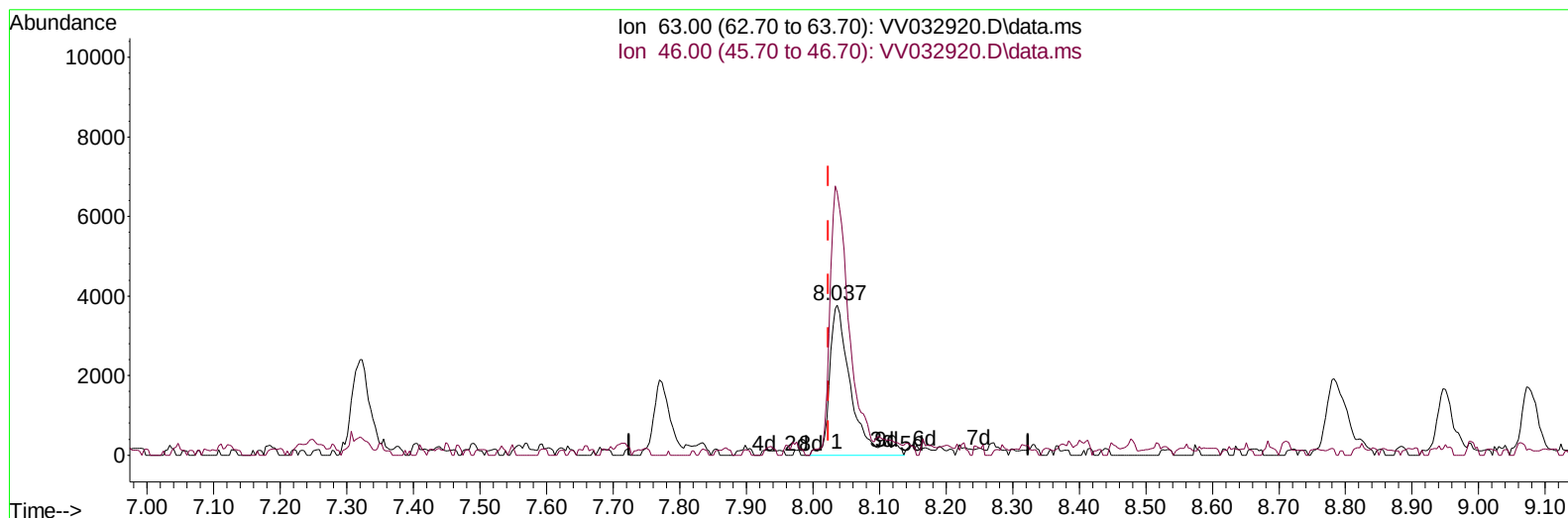
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Manual IntegrationsAPPROVED

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TIC: VV032920.D\data.ms

(47) 2-Hexanone-d5 (S)

8.037min (+ 0.013) 6.99 ug/L m

response 8401

Ion	Exp%	Act%
63.00	100.00	100.00
46.00	171.30	160.42
0.00	0.00	0.00
0.00	0.00	0.00

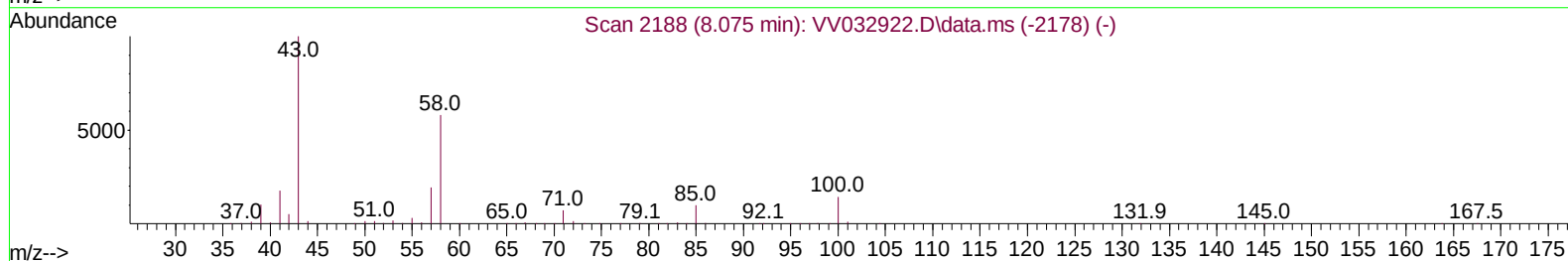
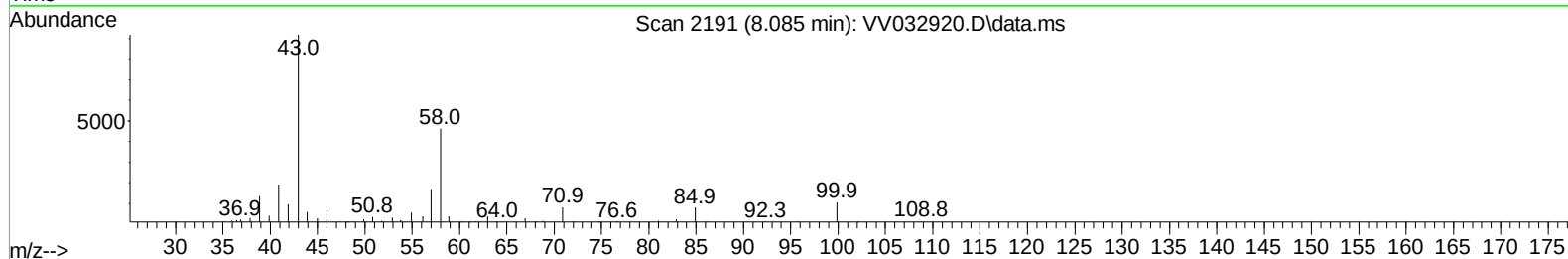
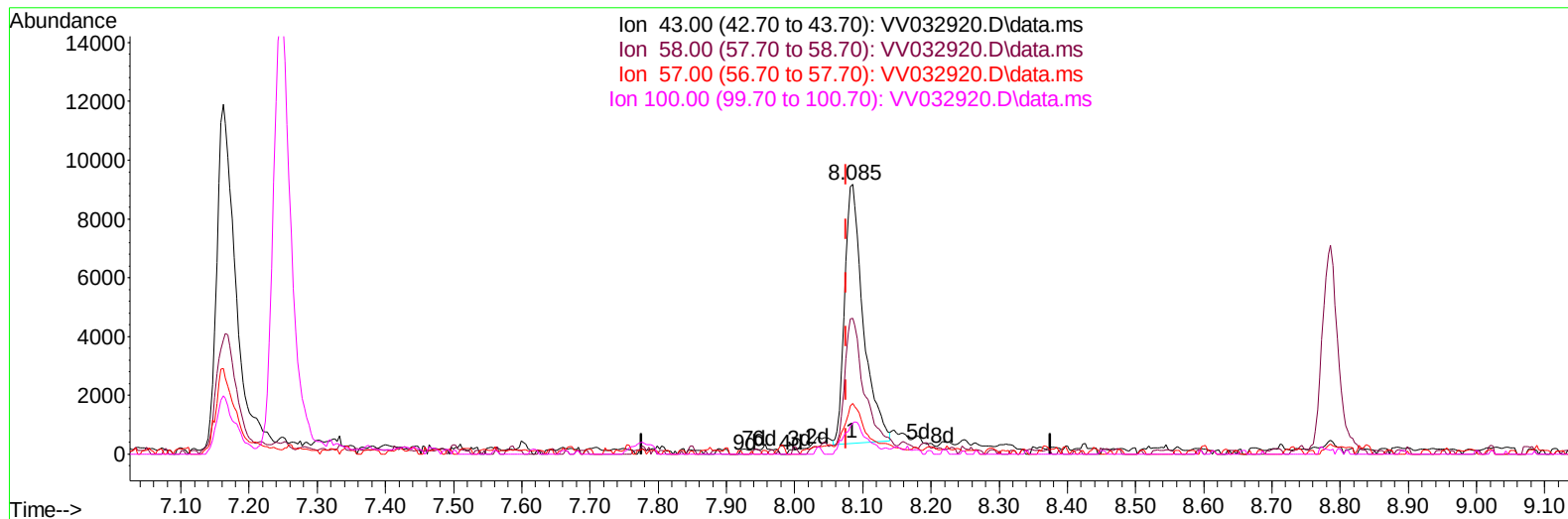
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TIC: VV032920.D\data.ms

(48) 2-Hexanone (T)

8.085min (+ 0.010) 6.62 ug/L

response 16662

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	56.00	57.27
57.00	19.00	17.08
100.00	14.40	14.61

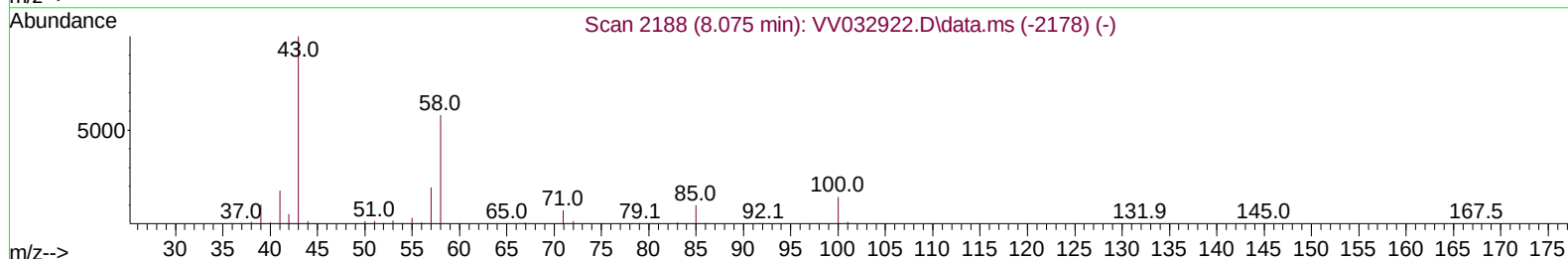
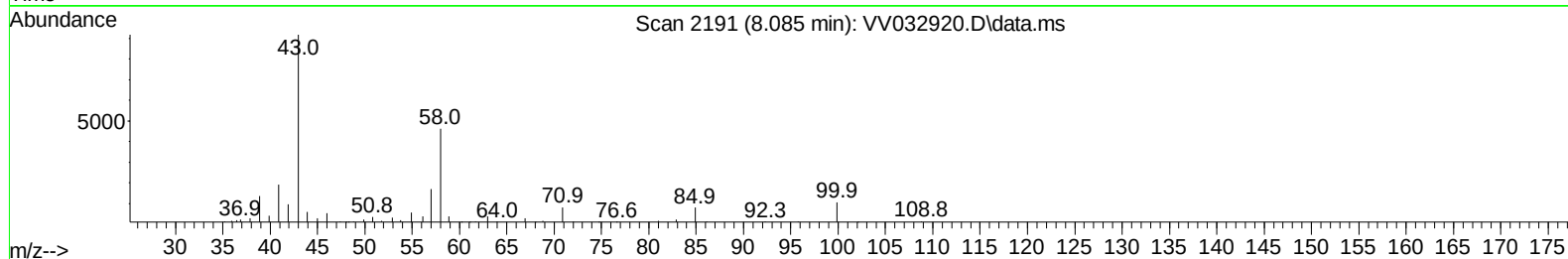
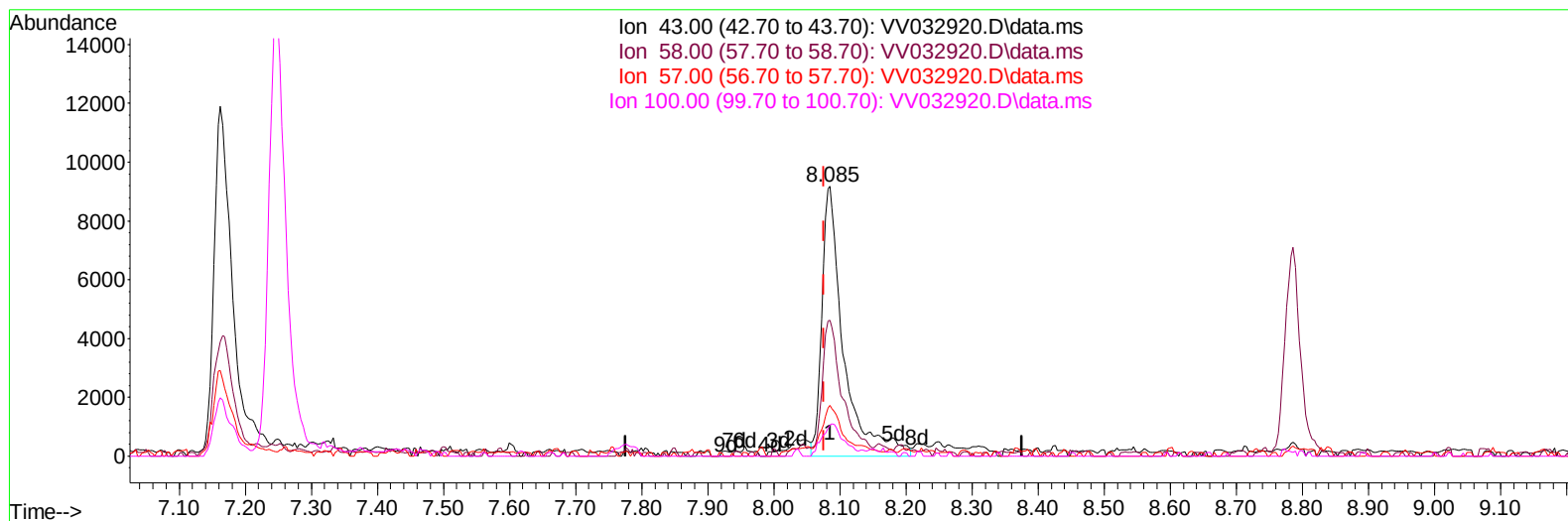
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TIC: VV032920.D\data.ms

(48) 2-Hexanone (T)

8.085min (+ 0.010) 8.23 ug/L m

response 20733

Ion	Exp%	Act%
43.00	100.00	100.00
58.00	56.00	46.02
57.00	19.00	13.73#
100.00	14.40	11.74

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	414028	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	421168	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	214989	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	17476	4.991	ug/L	0.00
7) Chloroethane-d5	1.532	69	14445	4.979	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.060	65	8084	5.299	ug/L	0.00
21) 2-Butanone-d5	3.815	46	13030m	9.163	ug/L	0.03
24) Chloroform-d	4.252	84	27346	4.520	ug/L	0.00
26) 1,2-Dichloroethane-d4	4.953	65	17212	4.676	ug/L	0.01
32) Benzene-d6	4.963	84	51530	4.486	ug/L	0.00
36) 1,2-Dichloropropane-d6	5.992	67	14227	4.261	ug/L	0.00
41) Toluene-d8	7.246	98	44687	4.220	ug/L	0.00
43) trans-1,3-Dichloroprop...	7.561	79	7205	4.065	ug/L	0.00
47) 2-Hexanone-d5	8.037	63	8401m	6.993	ug/L	0.01
56) 1,1,2,2-Tetrachloroeth...	10.156	84	20777	4.248	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	11.564	152	19736	4.724	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.108	85	18547	5.181	ug/L	95
3) Chloromethane	1.217	50	18824	5.321	ug/L	99
5) Vinyl chloride	1.285	62	18303	5.142	ug/L	100
6) Bromomethane	1.490	94	11316	4.796	ug/L	93
8) Chloroethane	1.552	64	11446	5.092	ug/L	96
9) Trichlorofluoromethane	1.715	101	29447	5.210	ug/L	97
10) 1,1,2-Trichloro-1,2,2-...	2.069	101	17863	5.456	ug/L	99
12) 1,1-Dichloroethene	2.072	96	14916	5.093	ug/L	94
13) Acetone	2.111	43	21081	10.520	ug/L	94
14) Carbon disulfide	2.243	76	41824	5.015	ug/L	100
15) Methyl Acetate	2.378	43	10050	4.266	ug/L	95
16) Methylene chloride	2.449	84	16267	5.207	ug/L	99
17) trans-1,2-Dichloroethene	2.696	96	14296	4.931	ug/L	98
18) Methyl tert-butyl Ether	2.699	73	38672	4.545	ug/L	98
19) 1,1-Dichloroethane	3.114	63	26035	5.027	ug/L	97
20) cis-1,2-Dichloroethene	3.821	96	14258	4.567	ug/L	93
22) 2-Butanone	3.899	43	16496m	9.272	ug/L	
23) Bromochloromethane	4.159	128	8554m	4.898	ug/L	
25) Chloroform	4.275	83	28651	5.013	ug/L	91
27) 1,2-Dichloroethane	5.050	62	20162	4.677	ug/L	98
29) Cyclohexane	4.580	56	18744	4.631	ug/L	91
30) 1,1,1-Trichloroethane	4.513	97	25762	4.991	ug/L	99
31) Carbon tetrachloride	4.738	117	23024	4.988	ug/L	97
33) Benzene	5.014	78	52511	4.591	ug/L	100
34) Trichloroethene	5.838	95	14850	4.777	ug/L	96
35) Methylcyclohexane	6.050	83	22093	4.716	ug/L	98
37) 1,2-Dichloropropane	6.098	63	12572	4.401	ug/L	97
38) Bromodichloromethane	6.436	83	20539	4.820	ug/L	97
39) cis-1,3-Dichloropropene	6.960	75	19625	4.131	ug/L	94
40) 4-Methyl-2-pentanone	7.162	43	22818	7.490	ug/L	96
42) Toluene	7.320	91	54780	4.389	ug/L	93

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) trans-1,3-Dichloropropene	7.587	75	18637	4.038	ug/L	93
45) 1,1,2-Trichloroethane	7.770	97	15564	4.910	ug/L	97
46) Tetrachloroethene	7.908	164	13412	5.015	ug/L	96
48) 2-Hexanone	8.085	43	20733m	8.232	ug/L	
49) Dibromochloromethane	8.178	129	15651	4.583	ug/L	98
50) 1,2-Dibromoethane	8.288	107	15333	4.544	ug/L	95
51) Chlorobenzene	8.815	112	41499	4.799	ug/L	99
52) Ethylbenzene	8.950	91	58420	4.226	ug/L	99
53) m,p-Xylene	9.075	106	22034	4.145	ug/L	100
54) o-Xylene	9.480	106	20836	4.065	ug/L	90
55) Styrene	9.500	104	33822	3.741	ug/L	94
57) 1,1,2,2-Tetrachloroethane	10.178	83	21891	4.489	ug/L	97
59) Bromoform	9.667	173	10072	4.404	ug/L	96
60) Isopropylbenzene	9.869	105	57207	4.495	ug/L	98
61) 1,2,3-Trichloropropane	10.214	75	14595	4.638	ug/L	94
62) 1,3,5-Trimethylbenzene	10.477	105	38638	4.002	ug/L	96
63) 1,2,4-Trimethylbenzene	10.853	105	39580	3.921	ug/L	96
64) 1,3-Dichlorobenzene	11.120	146	31554	4.754	ug/L	99
65) 1,4-Dichlorobenzene	11.210	146	36897	5.183	ug/L	95
67) 1,2-Dichlorobenzene	11.583	146	33046	4.951	ug/L	97
68) 1,2-Dibromo-3-chloropr...	12.368	75	3982	4.528	ug/L	94
69) 1,3,5-Trichlorobenzene	12.583	180	24150	4.849	ug/L	95
70) 1,2,4-trichlorobenzene	13.201	180	19966	4.463	ug/L	97
71) Naphthalene	13.442	128	43520	3.702	ug/L	98
72) 1,2,3-Trichlorobenzene	13.683	180	20882	4.638	ug/L	96

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

