

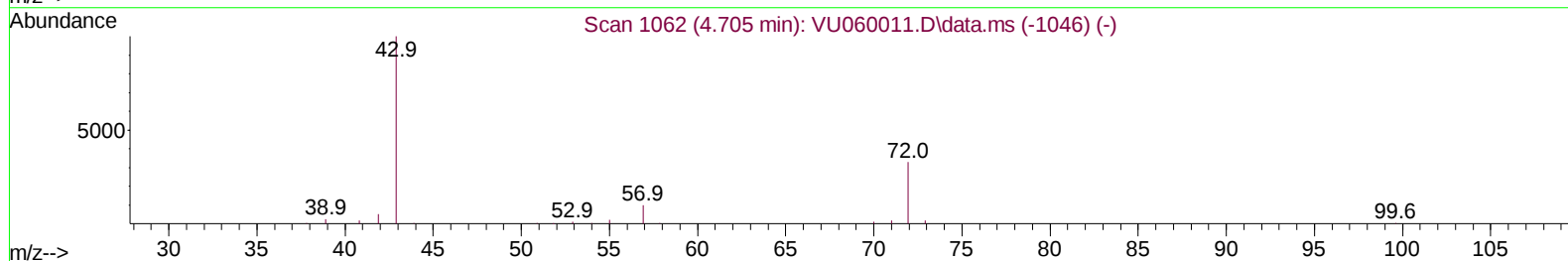
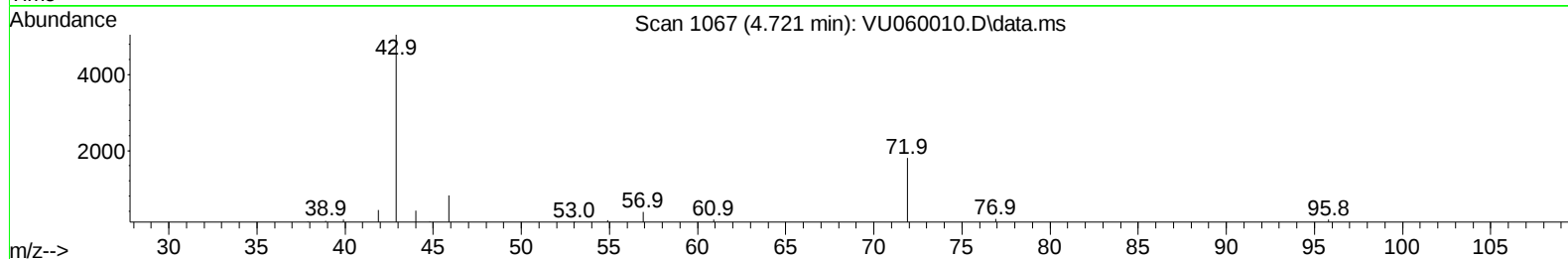
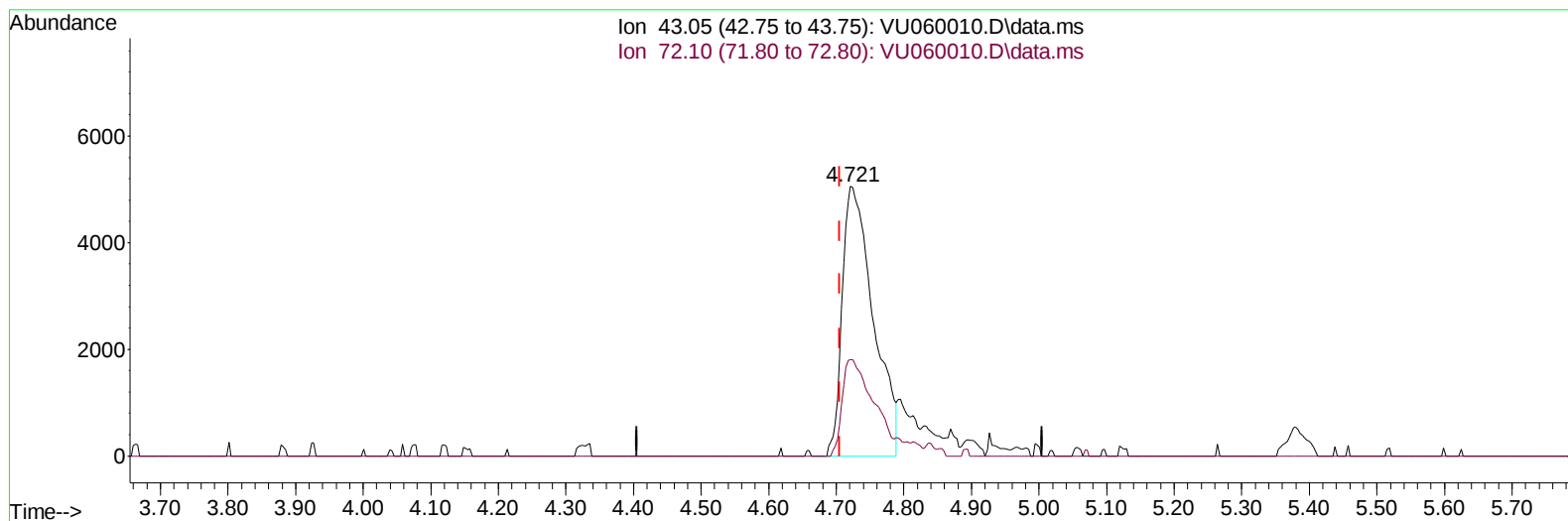
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060010.D
Acq On : 18 Jul 2024 11:34
Operator : MD/SY
Sample : VSTD00175
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VSTD001075

Manual IntegrationsAPPROVED

Reviewed By :Mahesh Dadoda 07/24/2024
Supervised By :Semsettin Yesilyurt 07/24/2024

Quant Time: Jul 19 01:03:24 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR071824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jul 19 01:02:29 2024
Response via : Initial Calibration



TIC: VU060010.D\data.ms

(21) 2-Butanone (T)

4.721min (+ 0.016) 8.31 ug/L

response 16132

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	32.60	35.71
0.00	0.00	0.00
0.00	0.00	0.00

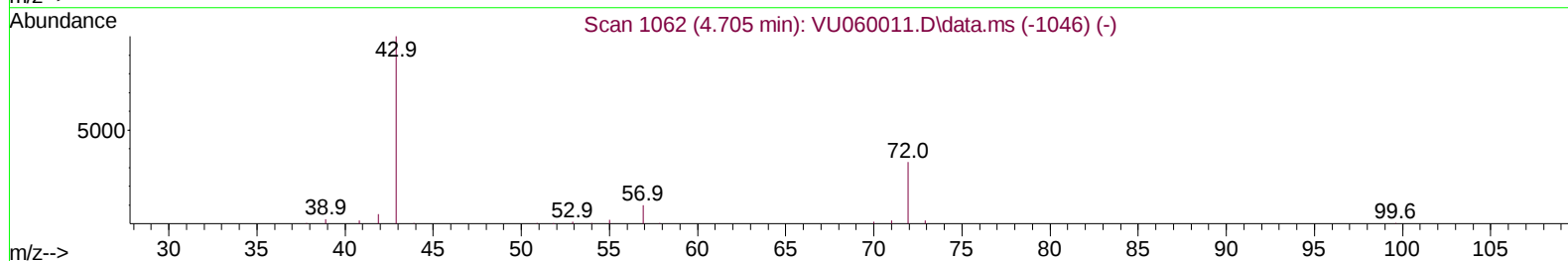
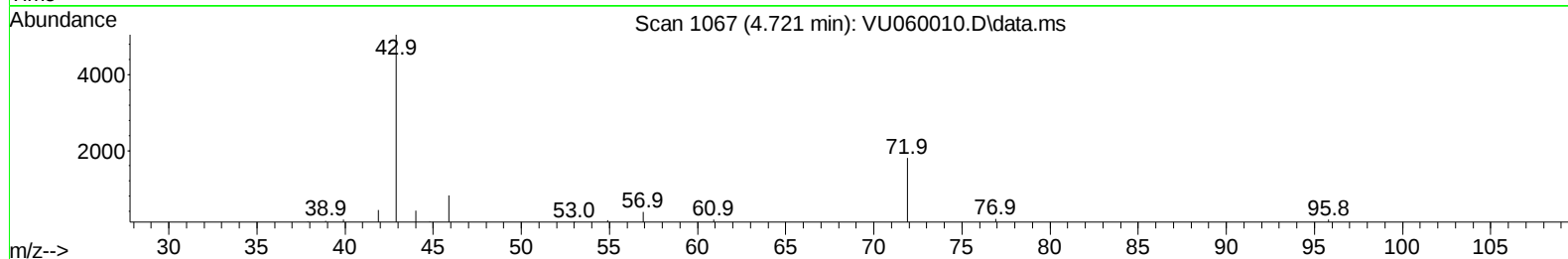
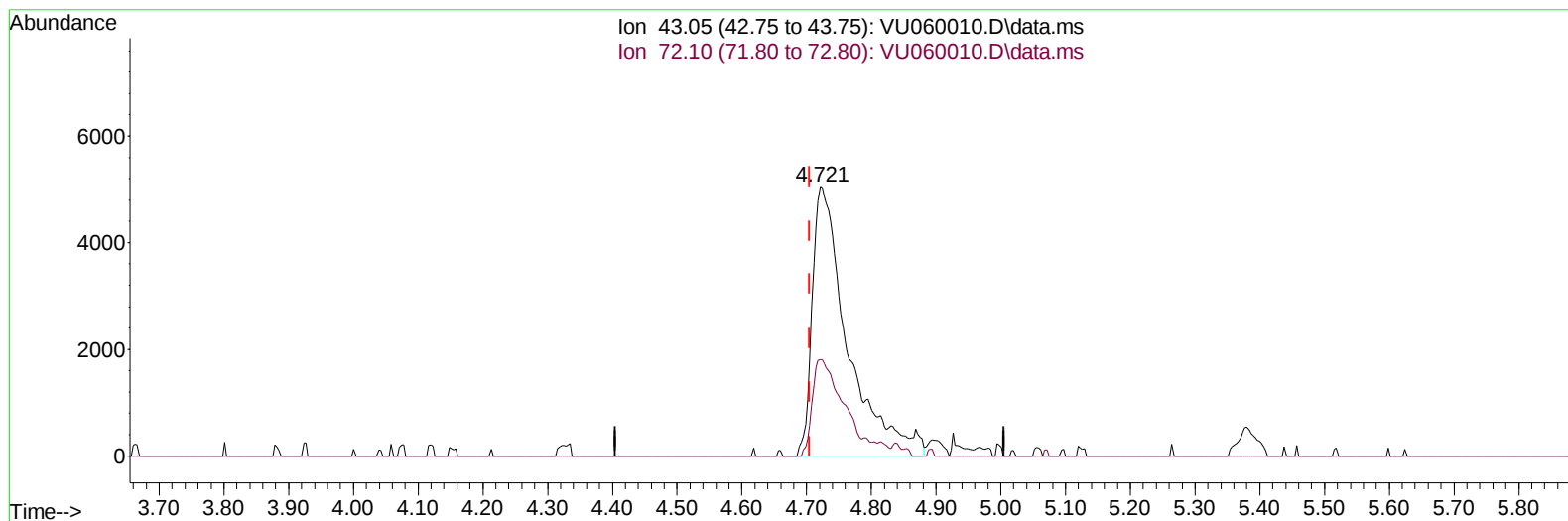
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TIC: VU060010.D\data.ms

(21) 2-Butanone (T)

4.721min (+ 0.016) 9.89 ug/L m

response 19202

Ion	Exp%	Act%
43.05	100.00	100.00
72.10	32.60	30.00
0.00	0.00	0.00
0.00	0.00	0.00

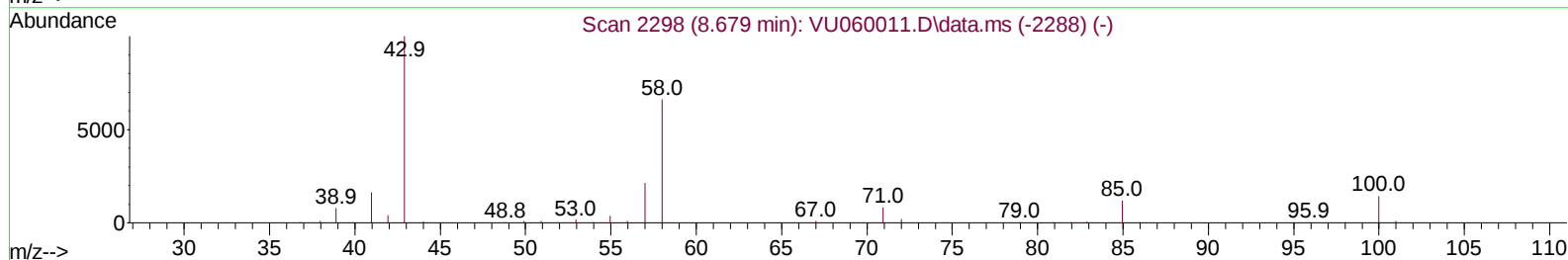
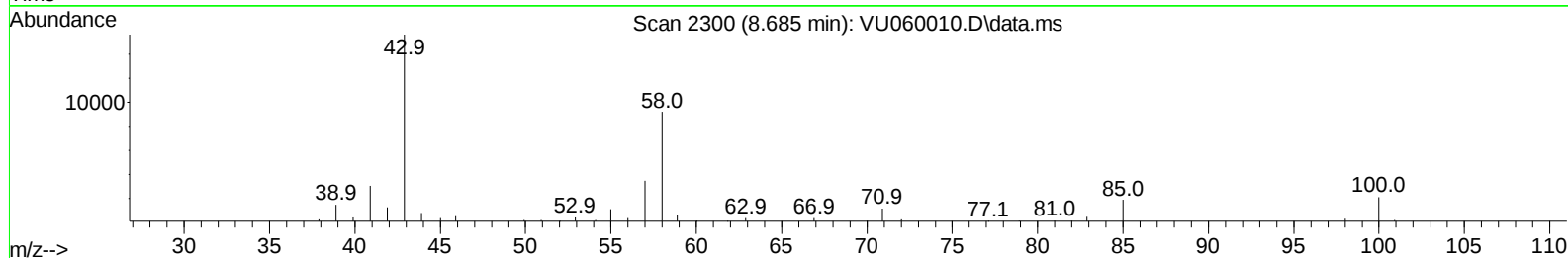
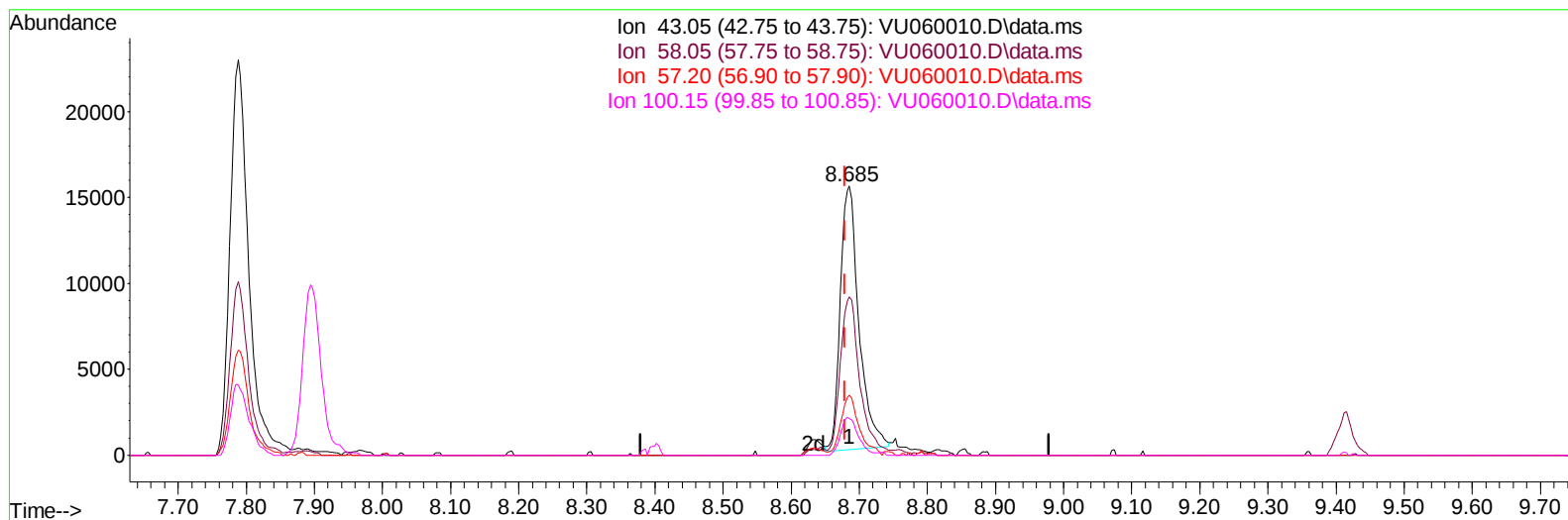
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071824\
Data File : VU060010.D
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TIC: VU060010.D\data.ms

(48) 2-Hexanone (T)

8.685min (+ 0.006) 8.30 ug/L

response 29132

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	65.70	60.57
57.20	22.30	22.36
100.15	14.20	13.67

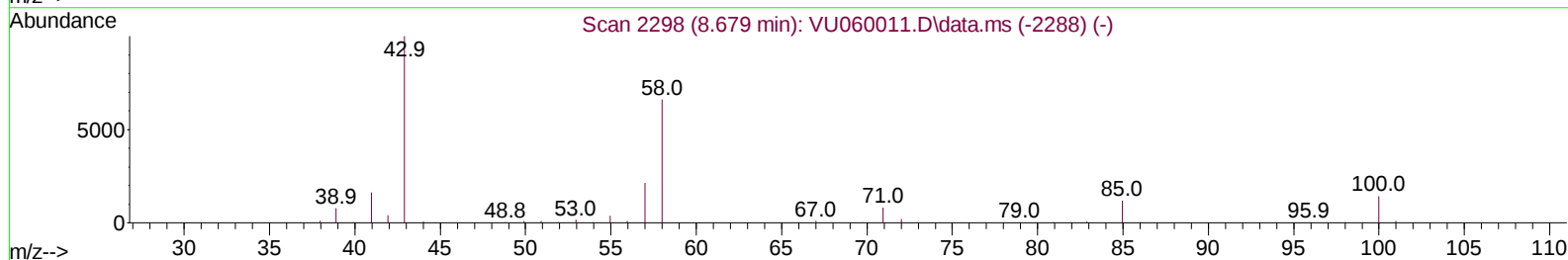
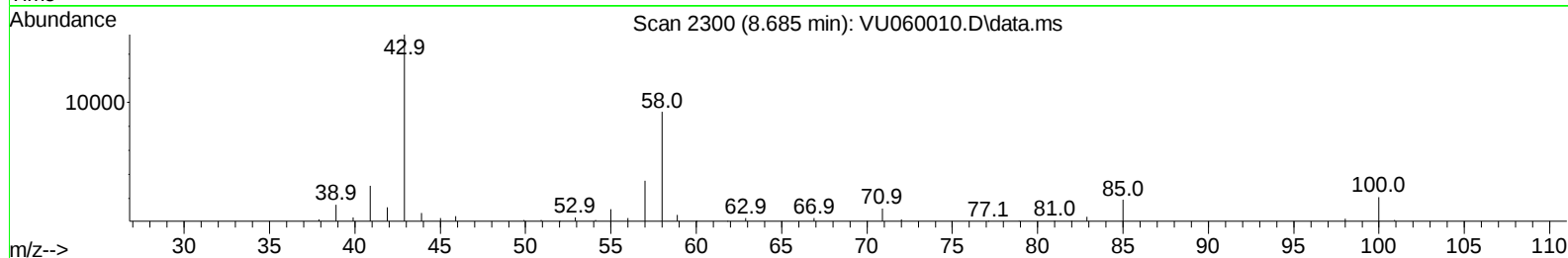
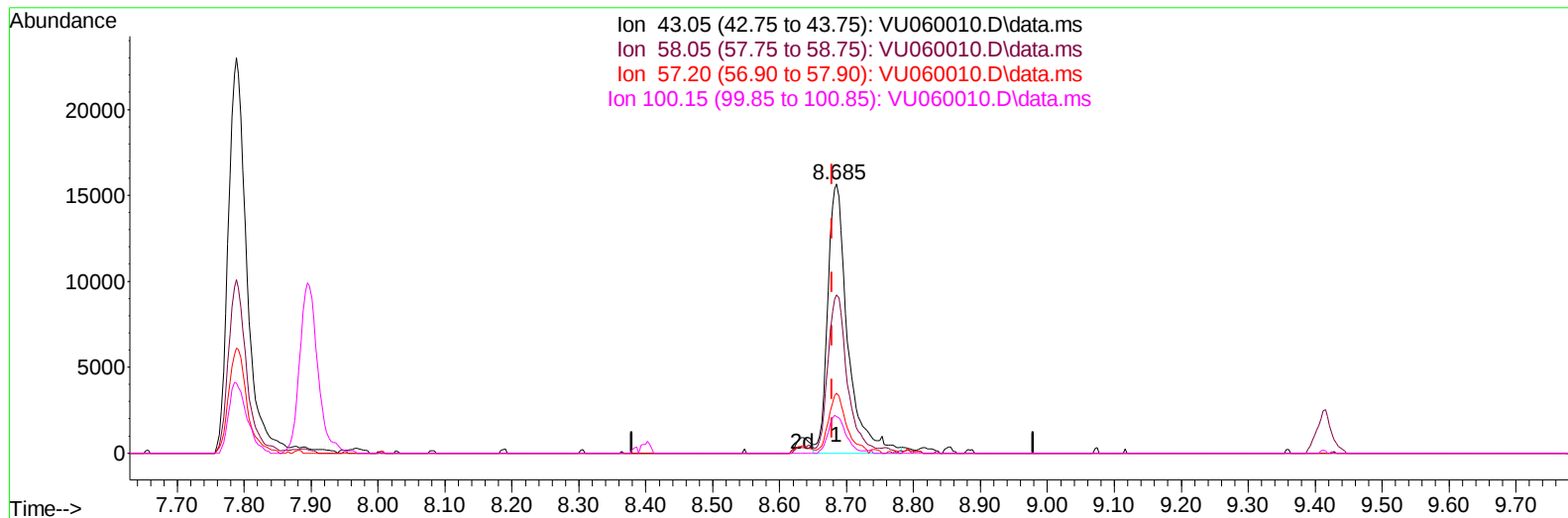
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TIC: VU060010.D\data.ms

(48) 2-Hexanone (T)

8.685min (+ 0.006) 9.21 ug/L m

response 32333

Ion	Exp%	Act%
43.05	100.00	100.00
58.05	65.70	54.58
57.20	22.30	20.15
100.15	14.20	12.32

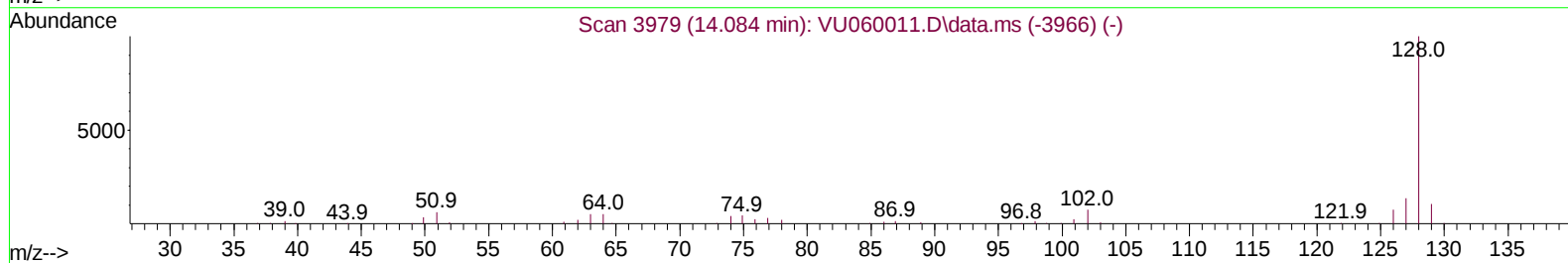
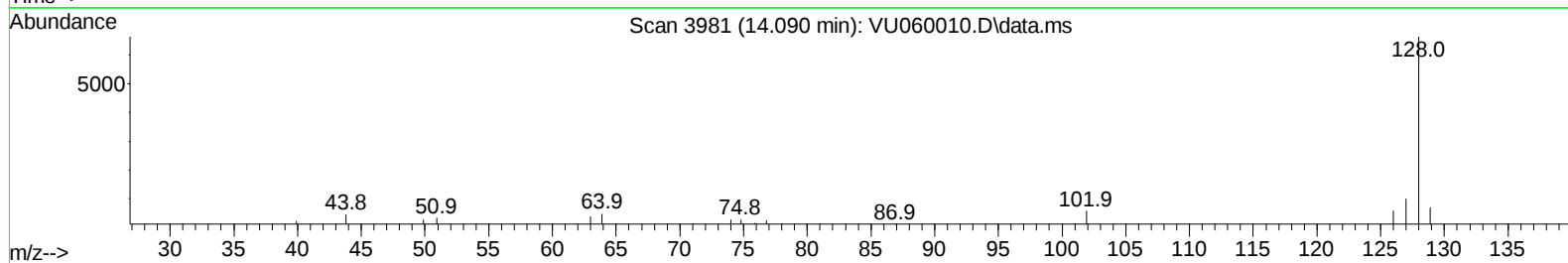
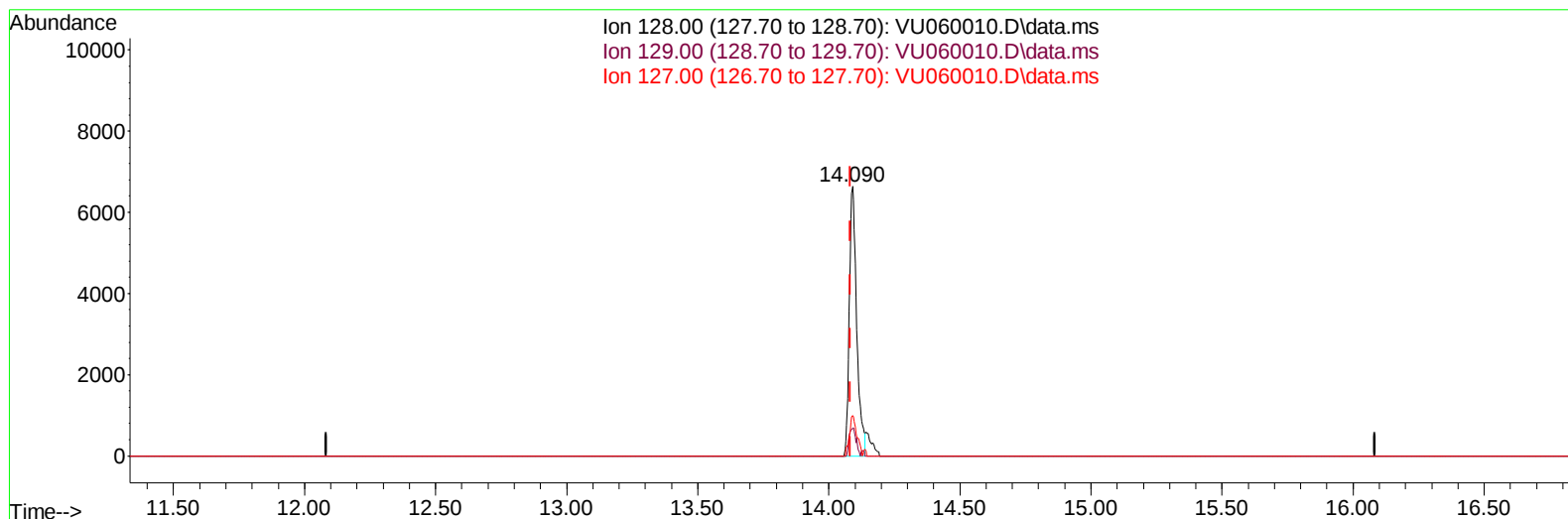
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TIC: VU060010.D\data.ms

(71) Naphthalene (MA)

14.090min (+ 0.006) 0.80 ug/L

response 13010

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	10.30	9.67
127.00	13.30	15.03
0.00	0.00	0.00

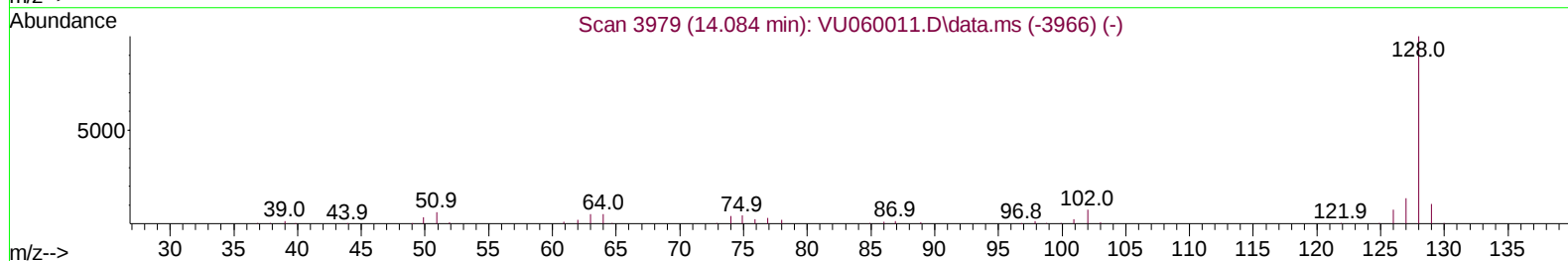
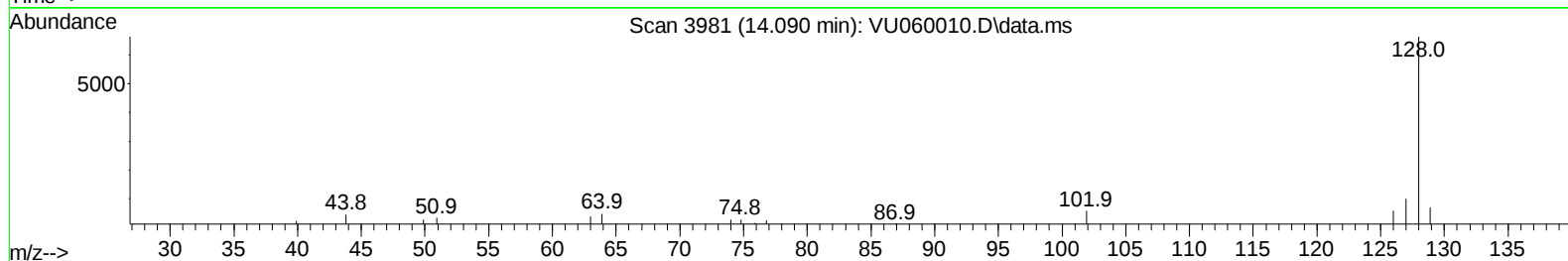
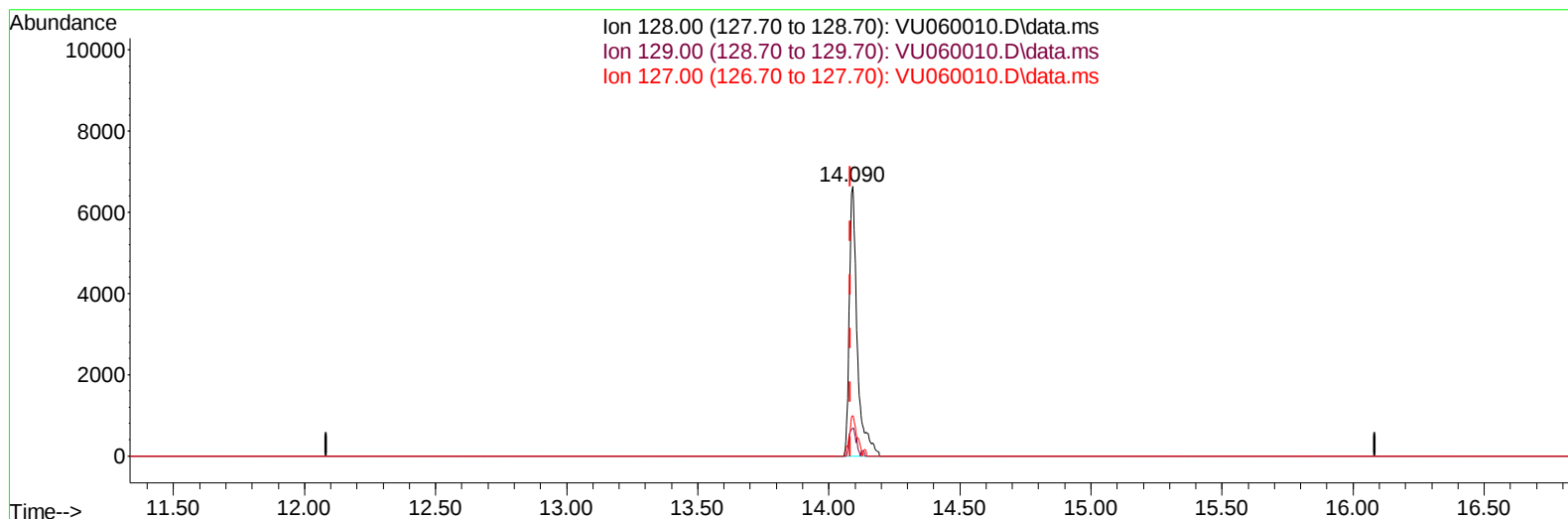
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Manual IntegrationsAPPROVED

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QLast Update : Fri Jul 19 01:02:29 2024
Response via : Initial Calibration



TIC: VU060010.D\data.ms

(71) Naphthalene (MA)

14.090min (+ 0.006) 0.86 ug/L m

response 13974

Ion	Exp%	Act%
128.00	100.00	100.00
129.00	10.30	9.00
127.00	13.30	14.00
0.00	0.00	0.00

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Manual IntegrationsAPPROVED

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 QLast Update : Fri Jul 19 01:02:29 2024
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Reviewed By :Mahesh Dadoda 07/24/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	126405	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	133285	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	62586	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	9486	1.075	ug/L	0.00
7) Chloroethane-d5	1.911	69	8648	1.024	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.560	65	3432	0.944	ug/L	0.00
20) 2-Butanone-d5	4.647	46	17766	9.478	ug/L	0.02
24) Chloroform-d	5.055	84	19569	1.074	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.702	65	8698	0.993	ug/L	0.00
32) Benzene-d6	5.724	84	34329	0.931	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.685	67	10628	0.932	ug/L	0.00
41) Toluene-d8	7.894	98	30687	0.897	ug/L	0.00
43) trans-1,3-Dichloroprop...	8.181	79	3693	1.008	ug/L	0.00
46) 2-Hexanone-d5	8.634	63	12918	8.485	ug/L	0.00
56) 1,1,2,2-Tetrachloroeth...	10.753	84	9221	0.963	ug/L	0.00
66) 1,2-Dichlorobenzene-d4	12.190	152	11793	1.046	ug/L	0.00
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.383	85	9684	0.916	ug/L	98
3) Chloromethane	1.518	50	12124	1.063	ug/L	99
5) Vinyl chloride	1.602	62	12815	1.006	ug/L	97
6) Bromomethane	1.856	94	8592	0.972	ug/L	96
8) Chloroethane	1.930	64	9050	1.170	ug/L	99
9) Trichlorofluoromethane	2.136	101	17012	1.091	ug/L	96
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	11477	1.151	ug/L	96
12) 1,1-Dichloroethene	2.576	96	9916	1.088	ug/L	92
13) Acetone	2.657	43	12970	10.609	ug/L	94
14) Carbon disulfide	2.788	76	29397	0.997	ug/L	99
15) Methyl Acetate	2.965	43	3270	1.046	ug/L	91
16) Methylene chloride	3.042	84	13160	1.214	ug/L	94
17) Methyl tert-butyl Ether	3.361	73	20193	1.017	ug/L	99
18) trans-1,2-Dichloroethene	3.351	96	10017	1.064	ug/L	93
19) 1,1-Dichloroethane	3.862	63	19544	1.116	ug/L	98
21) 2-Butanone	4.721	43	19202m	9.895	ug/L	
22) cis-1,2-Dichloroethene	4.666	96	11012	1.054	ug/L	95
23) Bromochloromethane	4.972	128	5646	1.175	ug/L	94
25) Chloroform	5.084	83	21245	1.145	ug/L	96
27) 1,2-Dichloroethane	5.792	62	12646	1.149	ug/L #	94
29) 1,1,1-Trichloroethane	5.309	97	17260	1.100	ug/L	98
30) Cyclohexane	5.383	56	11805	0.880	ug/L	98
31) Carbon tetrachloride	5.521	117	14716	1.115	ug/L	96
33) Benzene	5.772	78	43396	1.054	ug/L	100
34) Trichloroethene	6.541	95	11862	1.073	ug/L	96
35) Methylcyclohexane	6.759	83	13073	0.838	ug/L	94
37) 1,2-Dichloropropane	6.785	63	11799	1.108	ug/L #	93
38) Bromodichloromethane	7.100	83	15099	1.134	ug/L	98
39) cis-1,3-Dichloropropene	7.605	75	13908	0.960	ug/L	95
40) 4-Methyl-2-pentanone	7.788	43	43967	8.936	ug/L	97
42) Toluene	7.965	91	43413	0.994	ug/L	94

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Reviewed By :Mahesh Dadoda 07/24/2024
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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	8.209	75	11825	1.011	ug/L	100
45) 1,1,2-Trichloroethane	8.399	97	8707	1.099	ug/L	97
47) Tetrachloroethene	8.550	164	9609	1.097	ug/L	87
48) 2-Hexanone	8.685	43	32333m	9.207	ug/L	
49) Dibromochloromethane	8.807	129	9945	1.123	ug/L	86
50) 1,2-Dibromoethane	8.920	107	7849	1.073	ug/L #	94
51) Chlorobenzene	9.444	112	29790	1.075	ug/L	98
52) Ethylbenzene	9.566	91	41278	0.927	ug/L	97
53) m,p-Xylene	9.692	106	14992	0.876	ug/L	99
54) o-Xylene	10.097	106	13912	0.853	ug/L	92
55) Styrene	10.113	104	23419	0.845	ug/L	92
57) 1,1,2,2-Tetrachloroethane	10.775	83	10508	1.088	ug/L	86
59) Bromoform	10.290	173	5587	1.141	ug/L #	95
60) Isopropylbenzene	10.479	105	36569	0.938	ug/L	99
61) 1,2,3-Trichloropropane	10.820	75	6612	1.130	ug/L	94
62) 1,3,5-Trimethylbenzene	11.084	105	26163	0.855	ug/L	95
63) 1,2,4-Trimethylbenzene	11.463	105	24421	0.834	ug/L	98
64) 1,3-Dichlorobenzene	11.743	146	21845	1.085	ug/L	92
65) 1,4-Dichlorobenzene	11.836	146	23610	1.151	ug/L	94
67) 1,2-Dichlorobenzene	12.209	146	21195	1.122	ug/L	99
68) 1,2-Dibromo-3-chloropr...	12.994	75	1207	1.049	ug/L	94
69) 1,3,5-Trichlorobenzene	13.219	180	16427	1.098	ug/L	95
70) 1,2,4-trichlorobenzene	13.839	180	11879	1.040	ug/L	96
71) Naphthalene	14.090	128	13974m	0.862	ug/L	
72) 1,2,3-Trichlorobenzene	14.328	180	10008	0.946	ug/L	96

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

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