

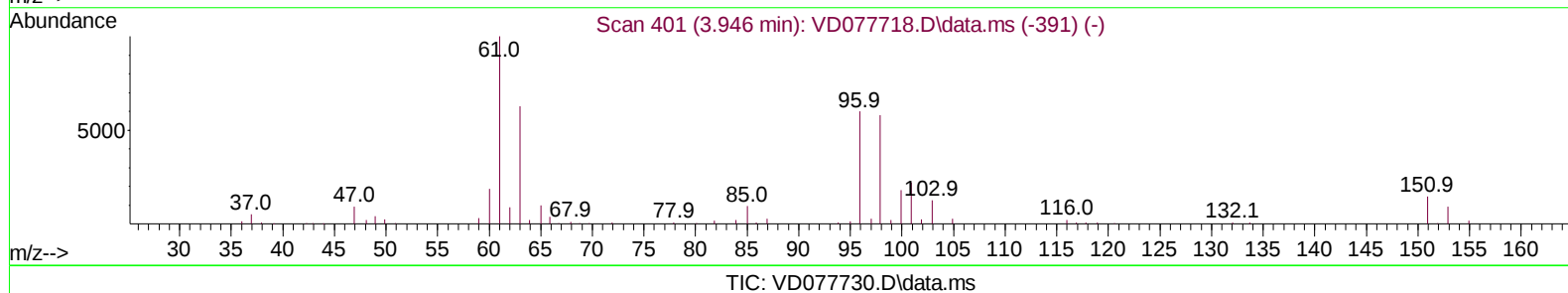
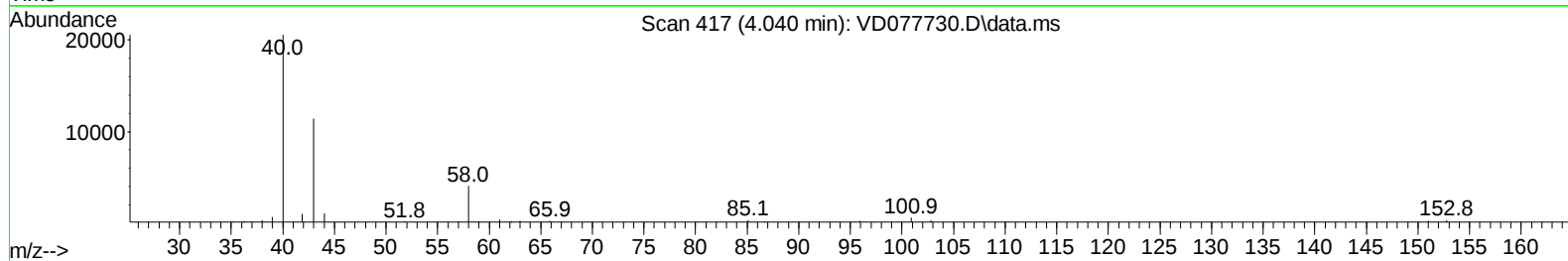
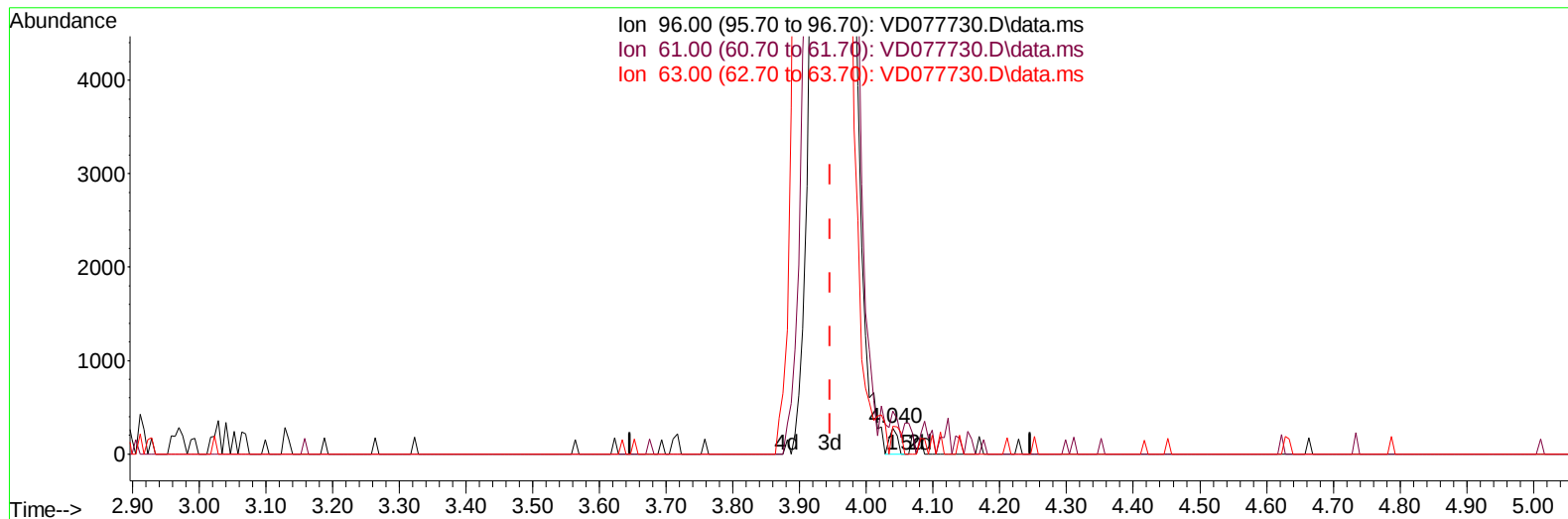
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120123\
Data File : VD077730.D
Acq On : 01 Dec 2023 17:59
Operator : JC/SY
Sample : VSTDCCC025EC
Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC025EC

Manual IntegrationsAPPROVED

Quant Time: Dec 04 03:12:33 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\SFAMDLM112923SMA.M
Quant Title : SFAM01.0
QLast Update : Mon Dec 04 03:09:24 2023
Response via : Initial Calibration

Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



(12) 1,1-Dichloroethene (T)

4.040min (+ 0.094) 0.06 ug/L

response 224

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	155.10	164.87
63.00	86.10	106.09
0.00	0.00	0.00

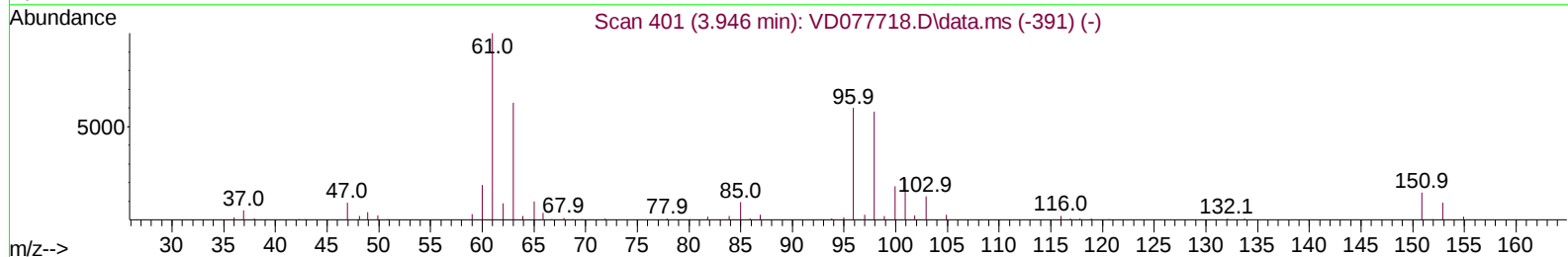
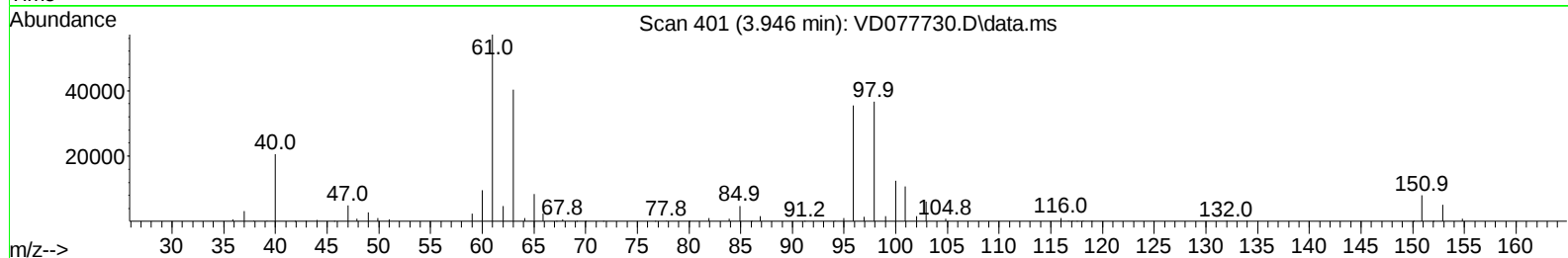
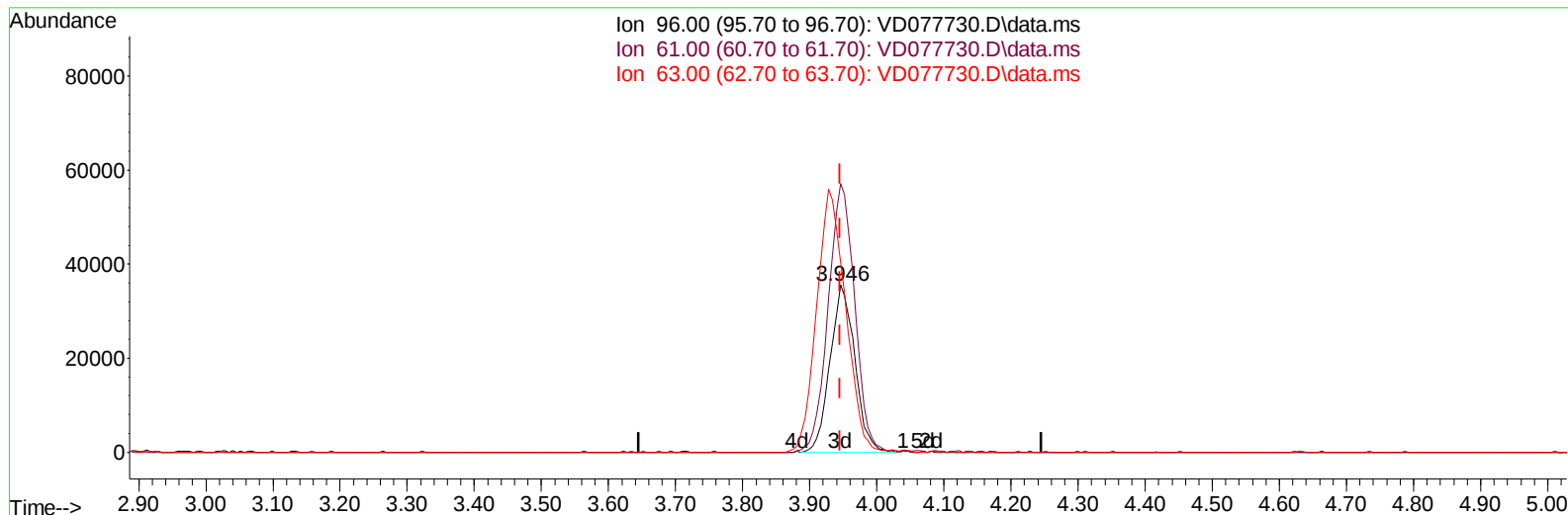
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120123\
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Manual IntegrationsAPPROVED

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TIC: VD077730.D\data.ms

(12) 1,1-Dichloroethene (T)

3.946min (0.000) 25.02 ug/L m

response 91080

Ion	Exp%	Act%
96.00	100.00	100.00
61.00	155.10	160.54
63.00	86.10	113.50#
0.00	0.00	0.00

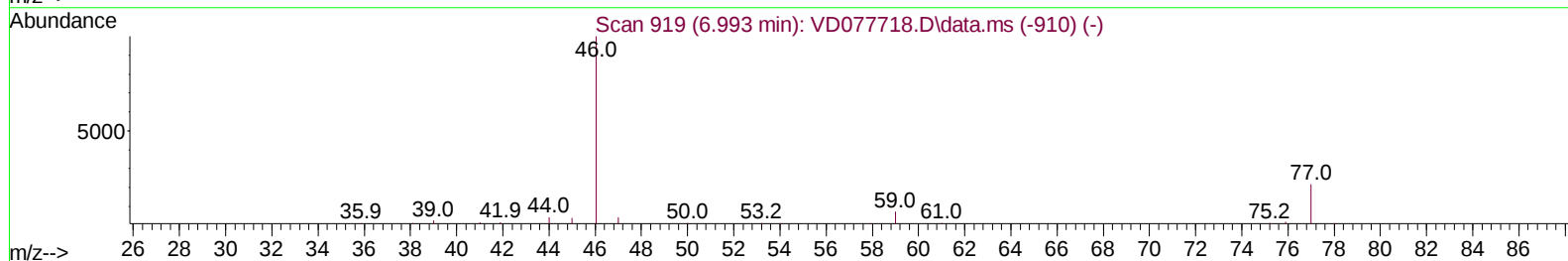
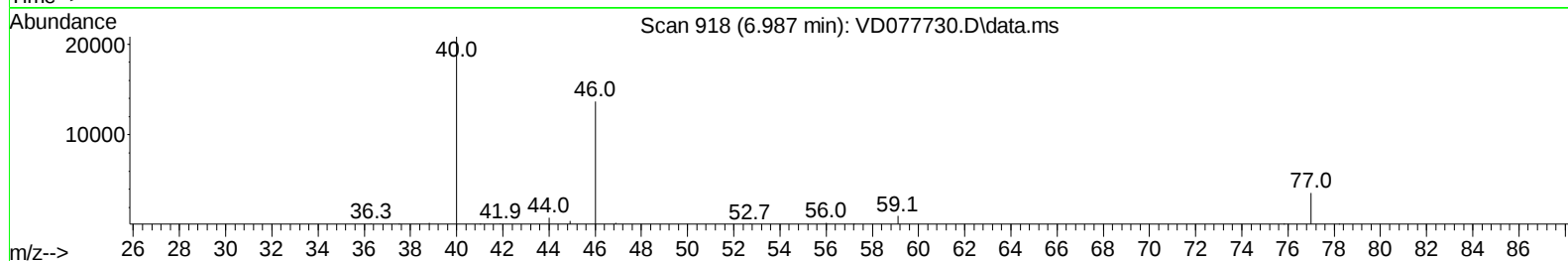
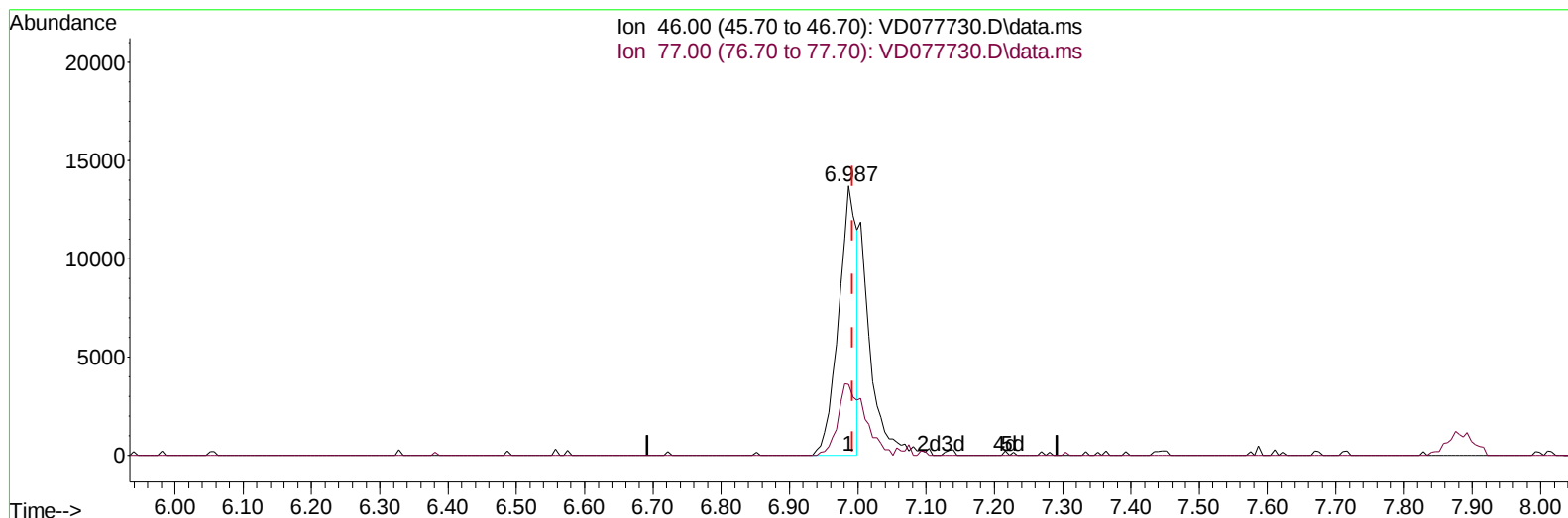
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120123\
 Data File : VD077730.D
 Acq On : 01 Dec 2023 17:59
 Operator : JC/SY
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 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 LabSampleId :
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Manual IntegrationsAPPROVED

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TIC: VD077730.D\data.ms

(21) 2-Butanone-d5 (S)

6.987min (-0.006) 27.11 ug/L

response 25000

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	25.10	26.48
0.00	0.00	0.00
0.00	0.00	0.00

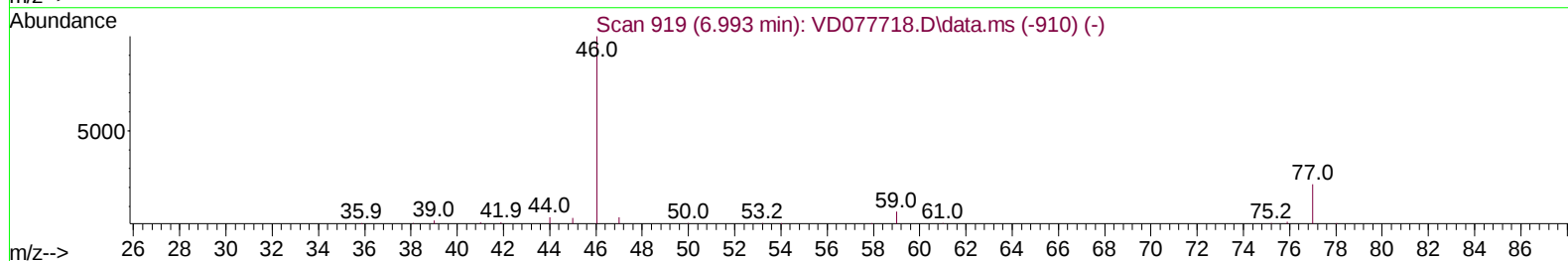
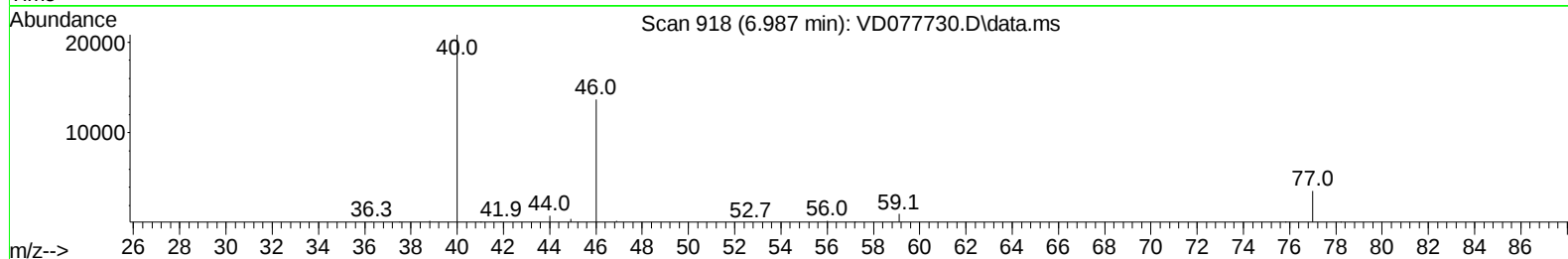
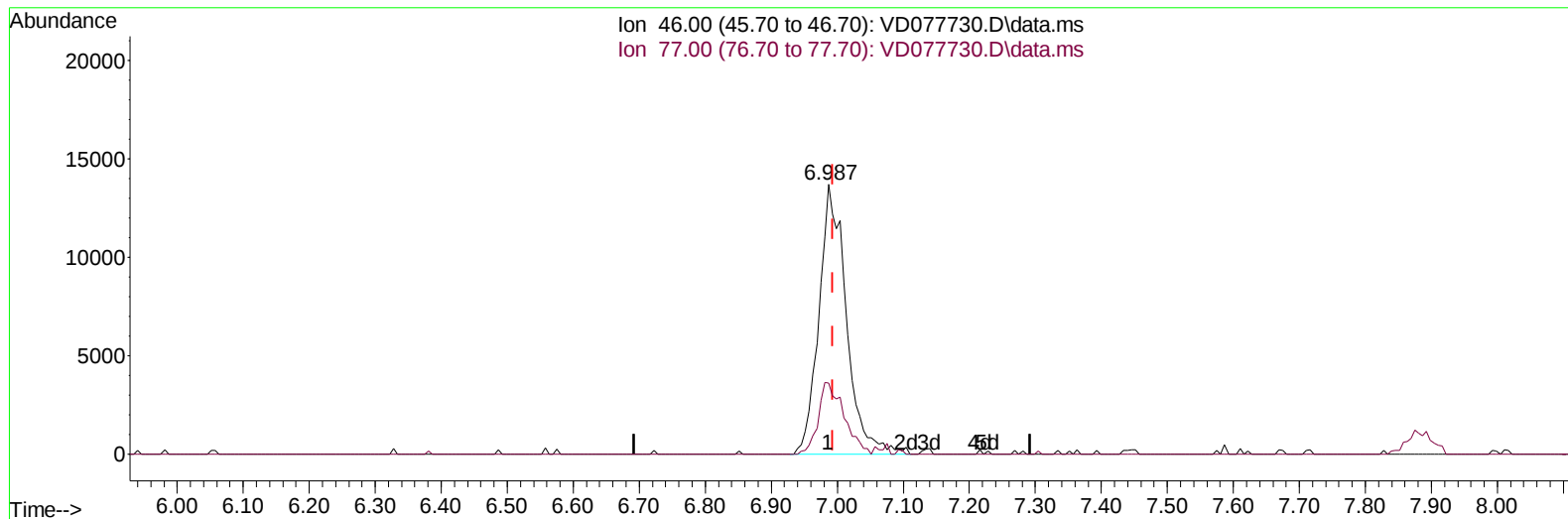
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD120123\
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Instrument :
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TIC: VD077730.D\data.ms

(21) 2-Butanone-d5 (S)

6.987min (-0.006) 42.75 ug/L m

response 39429

Ion	Exp%	Act%
46.00	100.00	100.00
77.00	25.10	16.79#
0.00	0.00	0.00
0.00	0.00	0.00

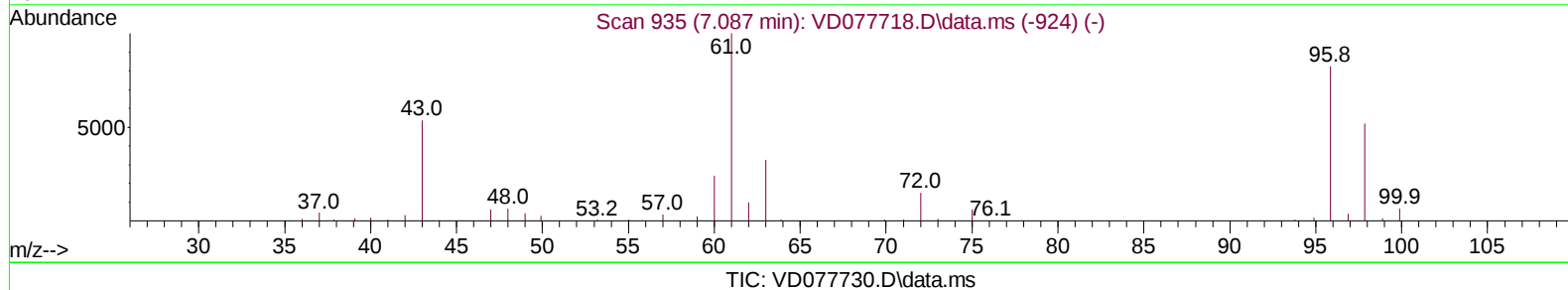
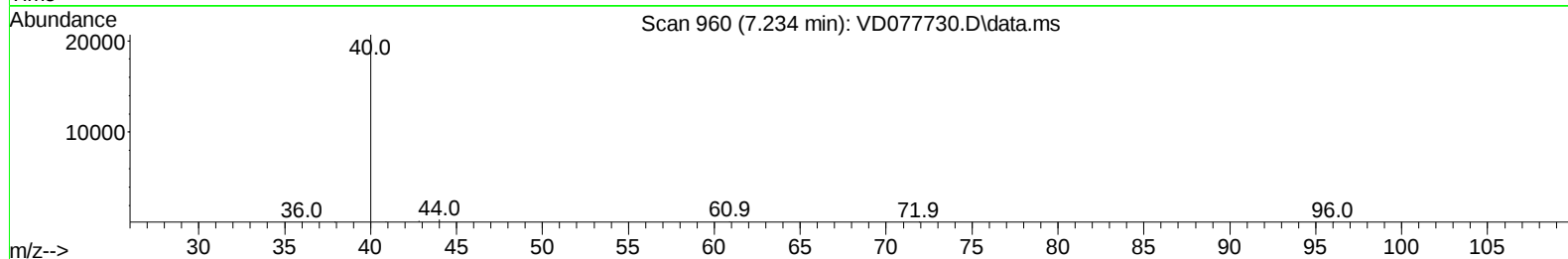
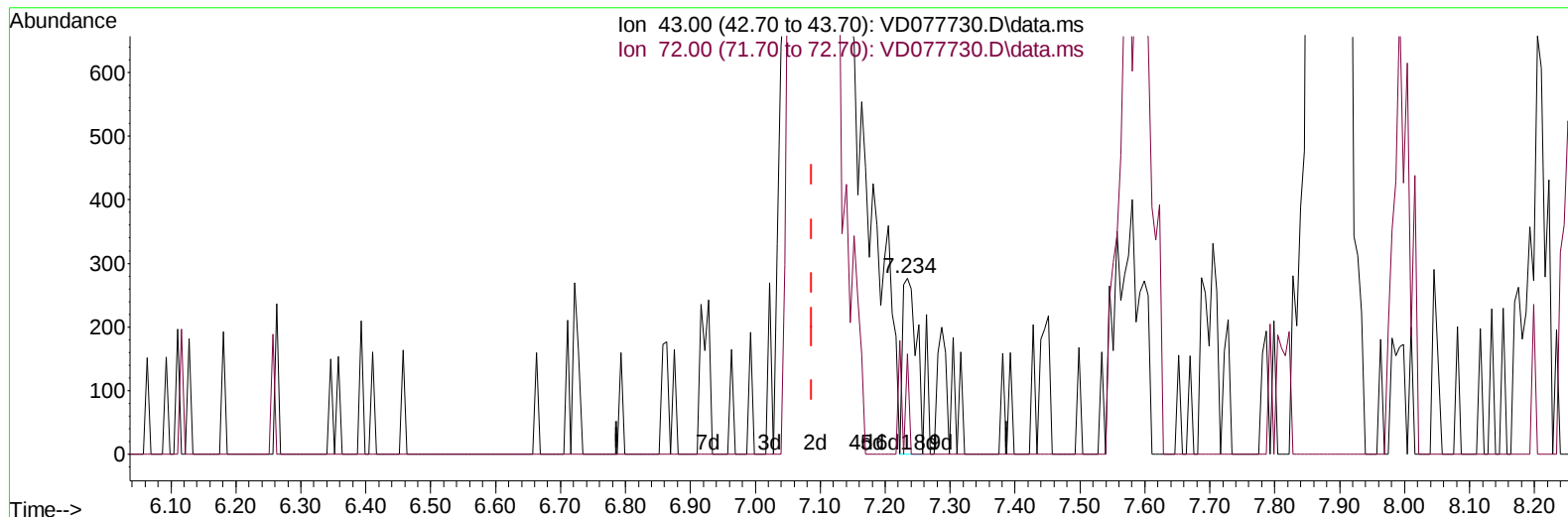
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Misc : 5.00G/10ml/MSVOA_D/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_D
LabSampleId :
VSTDCCC025EC

Manual IntegrationsAPPROVED

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Reviewed By :John Carlone 12/04/2023
Supervised By :Semsettin Yesilyurt 12/04/2023



(22) 2-Butanone (T)

7.234min (+ 0.147) 0.31 ug/L

response 410

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	14.40	15.37
0.00	0.00	0.00
0.00	0.00	0.00

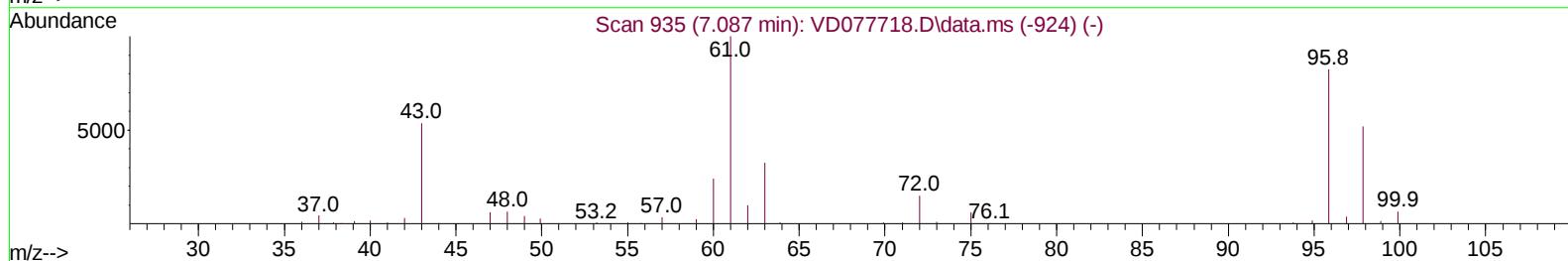
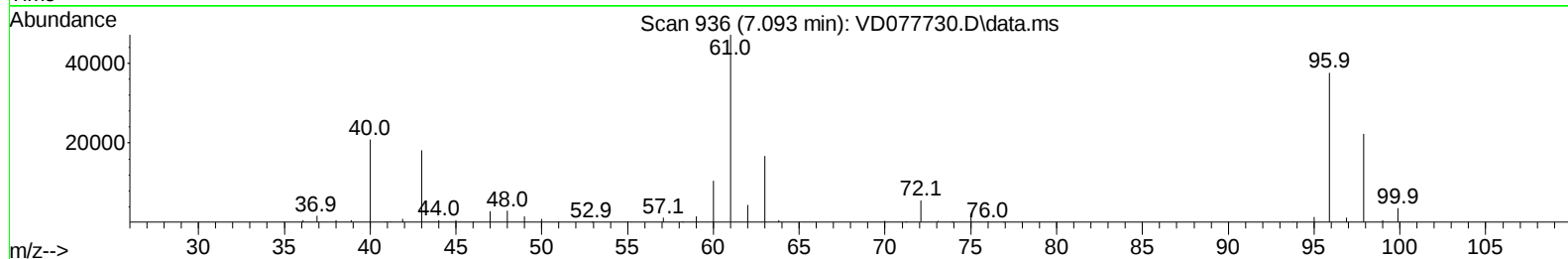
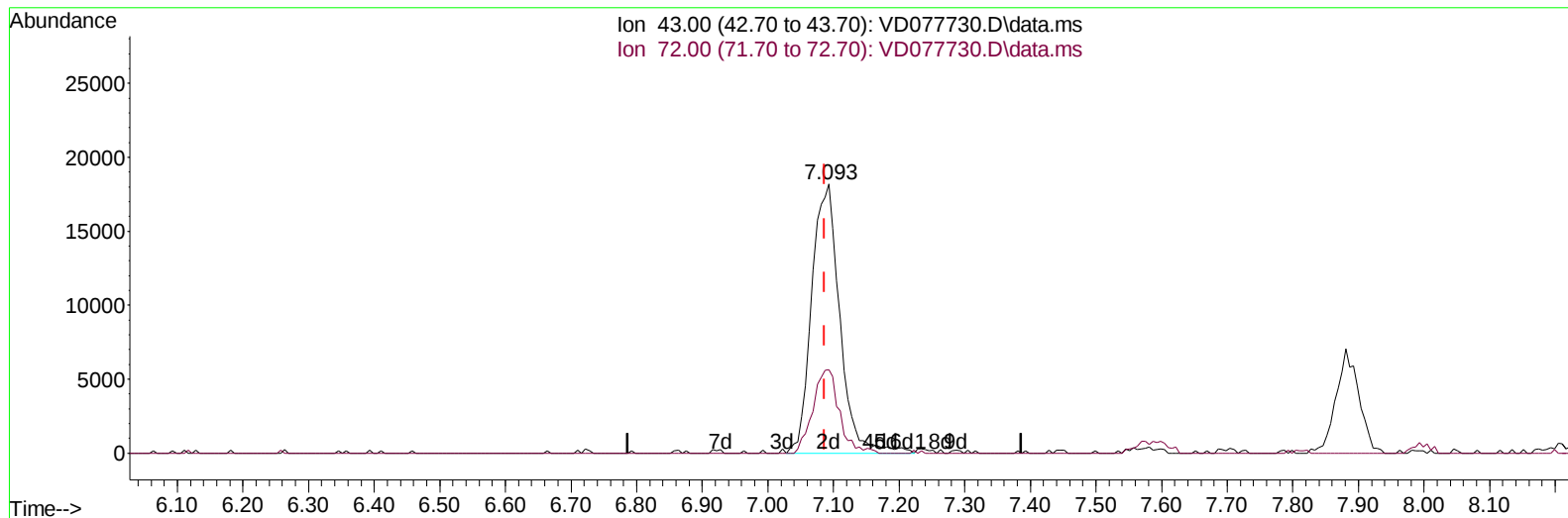
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Instrument :
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LabSampleId :
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TIC: VD077730.D\data.ms

(22) 2-Butanone (T)

7.093min (+ 0.006) 40.58 ug/L m

response 53967

Ion	Exp%	Act%
43.00	100.00	100.00
72.00	14.40	0.12#
0.00	0.00	0.00
0.00	0.00	0.00

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Instrument :
 MSVOA_D
 LabSampleId :
 VSTDCCC025EC

Manual IntegrationsAPPROVED

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Reviewed By :John Carlone 12/04/2023
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Difluorobenzene	8.781	114	267579	25.000	ug/L	0.00
28) Chlorobenzene-d5	11.587	117	251964	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	13.522	152	125773	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.281	65	145526	19.943	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	79.760%	
7) Chloroethane-d5	2.811	69	124784	21.454	ug/L	0.00
Spiked Amount 25.000	Range 30	- 150	Recovery	=	85.800%	
11) 1,1-Dichloroethene-d2	3.928	65	38239	20.211	ug/L	0.00
Spiked Amount 25.000	Range 45	- 110	Recovery	=	80.840%	
21) 2-Butanone-d5	6.987	46	39429m	42.754	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	85.500%	
24) Chloroform-d	7.575	84	177499	24.613	ug/L	0.00
Spiked Amount 25.000	Range 40	- 150	Recovery	=	98.440%	
26) 1,2-Dichloroethane-d4	8.234	65	84837	23.218	ug/L	0.00
Spiked Amount 25.000	Range 70	- 130	Recovery	=	92.880%	
32) Benzene-d6	8.204	84	361836	23.844	ug/L	0.00
Spiked Amount 25.000	Range 20	- 135	Recovery	=	95.360%	
36) 1,2-Dichloropropane-d6	9.210	67	108247	23.379	ug/L	0.00
Spiked Amount 25.000	Range 70	- 120	Recovery	=	93.520%	
41) Toluene-d8	10.269	98	336451	24.088	ug/L	0.00
Spiked Amount 25.000	Range 30	- 130	Recovery	=	96.360%	
43) trans-1,3-Dichloroprop...	10.528	79	47148	23.027	ug/L	0.00
Spiked Amount 25.000	Range 30	- 135	Recovery	=	92.120%	
47) 2-Hexanone-d5	10.881	63	33964	42.569	ug/L	0.00
Spiked Amount 50.000	Range 20	- 135	Recovery	=	85.140%	
56) 1,1,2,2-Tetrachloroeth...	12.651	84	78998	23.611	ug/L	0.00
Spiked Amount 25.000	Range 45	- 120	Recovery	=	94.440%	
66) 1,2-Dichlorobenzene-d4	13.816	152	108851	24.192	ug/L	0.00
Spiked Amount 25.000	Range 75	- 120	Recovery	=	96.760%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	103149	24.147	ug/L	100
3) Chloromethane	2.152	50	137863	22.465	ug/L	100
5) Vinyl chloride	2.287	62	179544	23.488	ug/L	99
6) Bromomethane	2.705	94	94646	23.373	ug/L	97
8) Chloroethane	2.846	64	121238	25.409	ug/L	100
9) Trichlorofluoromethane	3.187	101	154866	23.754	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	3.981	101	94278	24.513	ug/L	97
12) 1,1-Dichloroethene	3.946	96	91080m	25.023	ug/L	
13) Acetone	4.028	43	41973	35.522	ug/L	98
14) Carbon disulfide	4.281	76	331556	25.704	ug/L	100
15) Methyl Acetate	4.563	43	35194	20.806	ug/L	94
16) Methylene chloride	4.810	84	106751	22.469	ug/L	95
17) trans-1,2-Dichloroethene	5.316	96	102005	26.879	ug/L	98
18) Methyl tert-butyl Ether	5.328	73	205102	24.517	ug/L #	89
19) 1,1-Dichloroethane	6.116	63	184573	25.806	ug/L	98
20) cis-1,2-Dichloroethene	7.087	96	111627	26.470	ug/L	96
22) 2-Butanone	7.093	43	53967m	40.579	ug/L	
23) Bromochloromethane	7.434	128	47714	27.177	ug/L	99

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Manual IntegrationsAPPROVED

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
25) Chloroform	7.604	83	187702	26.656	ug/L	89
27) 1,2-Dichloroethane	8.334	62	116352	26.416	ug/L	98
29) Cyclohexane	7.887	56	155226	23.346	ug/L	96
30) 1,1,1-Trichloroethane	7.799	97	156369	25.362	ug/L	100
31) Carbon tetrachloride	7.999	117	139581	25.744	ug/L	98
33) Benzene	8.251	78	432606	26.379	ug/L	100
34) Trichloroethene	9.034	95	106912	26.262	ug/L	98
35) Methylcyclohexane	9.275	83	175628	24.301	ug/L	99
37) 1,2-Dichloropropane	9.310	63	112458	26.300	ug/L	98
38) Bromodichloromethane	9.587	83	135661	26.090	ug/L	95
39) cis-1,3-Dichloropropene	10.022	75	168086	25.172	ug/L	99
40) 4-Methyl-2-pentanone	10.163	43	100876	42.753	ug/L	95
42) Toluene	10.334	91	468704	26.907	ug/L	97
44) trans-1,3-Dichloropropene	10.557	75	139898	25.084	ug/L	96
45) 1,1,2-Trichloroethane	10.734	97	74879	26.075	ug/L	95
46) Tetrachloroethene	10.810	164	81584	24.853	ug/L	91
48) 2-Hexanone	10.922	43	79155	39.468	ug/L	96
49) Dibromochloromethane	11.075	129	85539	25.051	ug/L	99
50) 1,2-Dibromoethane	11.181	107	70107	25.314	ug/L	97
51) Chlorobenzene	11.610	112	280918	26.008	ug/L	98
52) Ethylbenzene	11.687	91	509136	26.366	ug/L	98
53) m,p-Xylene	11.792	106	191958	26.309	ug/L	98
54) o-Xylene	12.122	106	184439	26.413	ug/L	98
55) Styrene	12.140	104	330228	27.026	ug/L	94
57) 1,1,2,2-Tetrachloroethane	12.675	83	82209	24.160	ug/L	95
59) Bromoform	12.304	173	52486	25.221	ug/L #	98
60) Isopropylbenzene	12.422	105	500107	26.641	ug/L	100
61) 1,2,3-Trichloropropane	12.728	75	55362	23.930	ug/L	97
62) 1,3,5-Trimethylbenzene	12.904	105	373409	26.484	ug/L	100
63) 1,2,4-Trimethylbenzene	13.216	105	380691	26.629	ug/L	100
64) 1,3-Dichlorobenzene	13.463	146	213412	26.287	ug/L	99
65) 1,4-Dichlorobenzene	13.539	146	219023	25.998	ug/L	99
67) 1,2-Dichlorobenzene	13.834	146	189021	25.874	ug/L	98
68) 1,2-Dibromo-3-chloropr...	14.451	75	11749	21.538	ug/L	97
69) 1,3,5-Trichlorobenzene	14.598	180	139143	25.169	ug/L	99
70) 1,2,4-trichlorobenzene	15.098	180	114851	24.472	ug/L	98
71) Naphthalene	15.333	128	202771	23.633	ug/L	99
72) 1,2,3-Trichlorobenzene	15.522	180	100100	24.330	ug/L	98

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

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